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

January 10th, 2024

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

RE: Notice of Exempt Modification // Site: ANDOVER BUNKER HILL ROAD CT (ATC: 302472)
104 Bunker Hill Road, Andover CT 06232
N 41.73779302 // W -72.34984685

Dear Ms. Bachman,

Cellco Partnership d/b/a Verizon Wireless currently maintains fifteen (15) antenna at the 158-ft level on the existing 179 ft Tower, located at 104 Bunker Hill Road, Andover, CT. The tower is owned by American Tower. Verizon Wireless proposed modification involves the installation of two (2) interference mitigation filters on Verizon Wireless existing antenna platform and mounting assembly.

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

The planned modifications to the facility fall squarely within those activities explicitly provided for in R.C.S.A. § 16-50j-72(b)(2). Enclosed to accommodate this filing are construction drawings dated December 21, 2023, by A.T Engineering Services, LLC, a structural analysis dated November 29, 2023, by American Tower Corp., and a structural mount analysis by Colliers Engineering and Design dated October 23, 2023, and Non-Ionizing Electromagnetic Radiation (NIER) Study dated December 20, 2023, by Tower Engineering Professionals.

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

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

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

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

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

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

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

Sincerely,

Derek Maheux

_____

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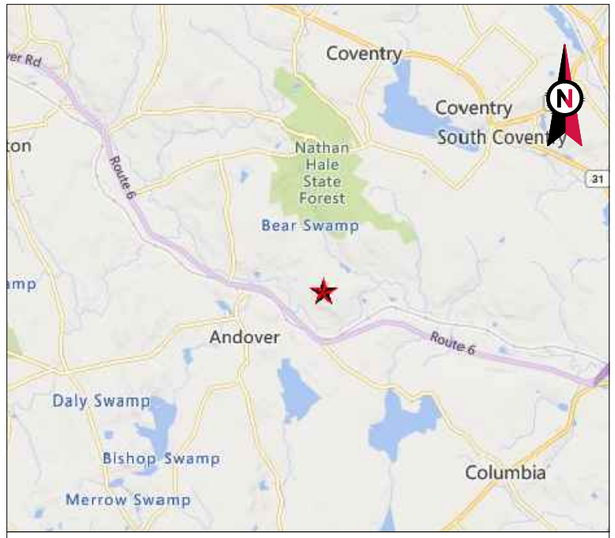
Attachments:
Exhibit 1 – Construction Drawings
Exhibit 2 – Property Card and GIS
Exhibit 3 – Structural Analysis
Exhibit 4 – Mount Analysis
Exhibit 5 – RF Emissions Analysis Report Evaluation
Exhibit 6 – Available Original Tower Approval Records
Exhibit 7 – Notice Deliver Confirmations

cc: Jeffery J. Maguire – First Selectman – Chief Elected Official
Rich McKinnon - Building Official - as P&Z official
Benjamin & Leon Price – as ground owner
American Tower Corporation - as tower owner

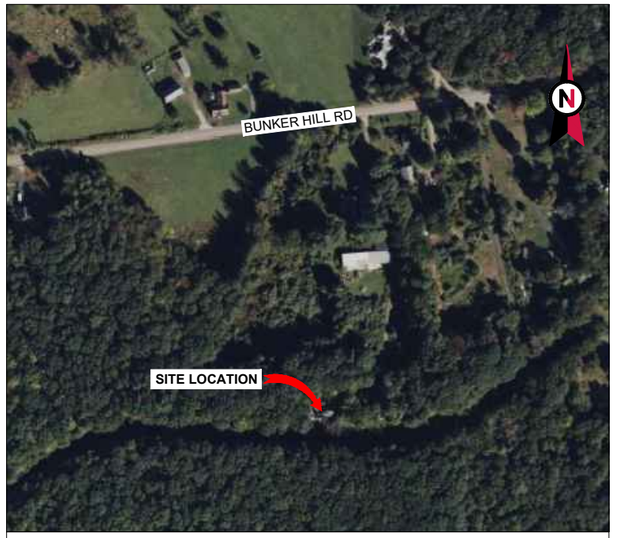
EXHIBIT 1



VICINITY MAP

AMERICAN TOWER®

ATC SITE NAME: ANDOVER-BUNKER HILL ROAD
ATC SITE NUMBER: 302472
VERIZON SITE NAME: COLUMBIA CT
VERIZON SITE NUMBER: 5000231930
SITE ADDRESS: 104 BUNKER HILL ROAD
ANDOVER,CT 06232-1301



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:	119 mph
BASIC WIND SPEED W/ ICE:	50 mph W/ 1.5" ICE
CODE(S):	ANSI/TIA-222-H / 2021 IBC / 2022 CONNECTICUT STATE BUILDING CODE
EXPOSURE CATEGORY:	B
RISK CATEGORY:	II
TOPO FACTOR PROCEDURE:	METHOD 2
TOPOGRAPHIC CATEGORY:	0
FEATURE:	HILL
SPECTRAL RESPONSE:	S_S=0.193, S_1=0.055
SITE CLASS:	D - STIFF SOIL - DEFAULT

INFORMATION TAKEN FROM STRUCTURAL ANALYSIS COMPLETED BY ATC, DATED 12/01/23.

UTILITY COMPANIES

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

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

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

PROJECT SUMMARY

SITE ADDRESS:

104 BUNKER HILL ROAD
ANDOVER,CT 06232-1301
COUNTY: TOLLAND

GEOGRAPHIC COORDINATES:

LATITUDE: 41.73779302

LONGITUDE: -72.34984685

GROUND ELEVATION: 547' AMSL

PROJECT TEAM

TOWER OWNER:

AMERICAN TOWER
10 PRESIDENTIAL WAY
WOBURN, MA 01801

APPLICANT:

VERIZON WIRELESS

ENGINEER:

ATC TOWER SERVICES, LLC
1 FENTON MAIN, STE 300
CARY, NC 27511

PROPERTY OWNER:

LEON PRICE
104 BUNKER HILL ROAD
ANDOVER,CT 06232-1301

PROJECT DESCRIPTION

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

TOWER WORK:
INSTALL (1) SWIVEL, AND (2) FILTER(s)
EXISTING (15) ANTENNA(s), (6) RRH(s), (2) OVP(s), (6) 1-5/8" COAX, AND (2) 1-1/4" HYBRID CABLE(s) TO REMAIN

PROJECT NOTES

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

PROJECT LOCATION DIRECTIONS

I-287 EAST TO I-684 NORTH TO I-284 EAST INTO CONNECTICUT. FOLLOW I-84 THROUGH HARTFORD TO I-384 SOUTH/EAST. FOLLOW I-384 TO END THEN EAST ON ROUTE 6. FOLLOW ROUTE 6 THROUGH COLUMBIA AND INTO THE TOWN OF ANDOVER. TURN LEFT (NORTH) ONTO BUNKER HILL ROAD. THE SITE WILL BE ON YOUR RIGHT (#104).

SHEET INDEX

SHEET NO:	DESCRIPTION:	REV:	DATE:	BY:
G-001	TITLE SHEET	0	12/21/23	VAR
G-002	GENERAL NOTES	0	12/21/23	VAR
C-101	DETAILED SITE PLAN	0	12/21/23	VAR
C-201	TOWER ELEVATION	0	12/21/23	VAR
C-401	ANTENNA INFORMATION & SCHEDULE	0	12/21/23	VAR
C-501	CONSTRUCTION DETAILS	0	12/21/23	VAR
E-501	GROUNDING DETAILS	0	12/21/23	VAR
R-601	SUPPLEMENTAL			
R-602	SUPPLEMENTAL			

CONTRACTOR PMI REQUIREMENTS

PMI ACCESSED AT:	HTTPS://PMI.VZWSMART.COM
SMART TOOL VENDOR PROJECT NUMBER:	10208056
VZW LOCATION CODE (PSLC):	5000231930

***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
1 FENTON MAIN
SUITE 300
CARY, NC 27511
PHONE: (919) 468-0112
PEC.0001553

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REV.	DESCRIPTION	BY	DATE
0	FOR CONSTRUCTION	VAR	12/21/23

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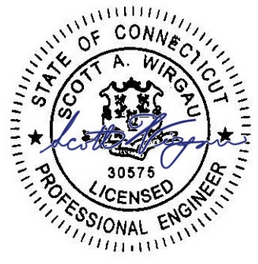
SEAL:



verizon

ATC JOB NO:	14568043_G0
CUSTOMER ID:	COLUMBIA CT
CUSTOMER #:	5000231930

TITLE SHEET

SHEET NUMBER:	REVISION:
G-001	0

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GENERAL CONSTRUCTION NOTES:

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

SPECIAL CONSTRUCTION ANTENNA INSTALLATION NOTES:

1. WORK INCLUDED:
   - A. ANTENNA AND COAXIAL/HYBRID CABLES ARE FURNISHED BY VERIZON UNDER A SEPARATE CONTRACT. THE CONTRACTOR SHALL ASSIST ANTENNA INSTALLATION CONTRACTOR IN TERMS OF COORDINATION AND SITE ACCESS. ERECTION SUBCONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF PERSONNEL.
   - B. INSTALL ANTENNAS AS INDICATED ON DRAWINGS AND VERIZON SPECIFICATIONS.
   - C. INSTALL GALVANIZED STEEL ANTENNA MOUNTS AS INDICATED ON DRAWINGS.
   - D. INSTALL FURNISHED GALVANIZED STEEL OR ALUMINUM WAVEGUIDE.
   - E. INSTALL COAXIAL/HYBRID CABLES AND TERMINATING BETWEEN ANTENNAS AND EQUIPMENT PER MANUFACTURER'S RECOMMENDATIONS. WEATHERPROOF ALL CONNECTIONS BETWEEN THE ANTENNA AND EQUIPMENT PER MANUFACTURER'S REQUIREMENTS. TERMINATE ALL COAXIAL/HYBRID CABLE THREE (3) FEET IN EXCESS OF ENTRY PORT LOCATION UNLESS OTHERWISE STATED.
2. ANTENNA AND COAXIAL/HYBRID CABLE GROUNDING:
   - A. ALL EXTERIOR #6 GREEN GROUND WIRE "DAISY CHAIN" CONNECTIONS ARE TO BE WEATHER SEALED WITH RFS CONNECTORS/SPLICE WEATHERPROOFING KIT #221213 OR EQUAL.
   - B. ALL COAXIAL/HYBRID CABLE GROUNDING KITS ARE TO BE INSTALLED ON STRAIGHT RUNS OF COAXIAL/HYBRID CABLE (NOT WITHIN BENDS)

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

AMERICAN TOWER®
A.T. ENGINEERING SERVICES LLC
1 FENTON MAIN
SUITE 300
CARY, NC 27511
PHONE: (919) 468-0112
PEC.0001553

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VERIZON SITE NAME:
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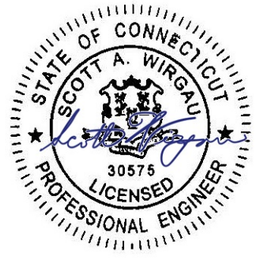

Digitally Signed: 2023-12-21

verizon

ATC JOB NO:	14568043_G0
CUSTOMER ID:	COLUMBIA CT
CUSTOMER #:	5000231930

GENERAL NOTES

SHEET NUMBER:	REVISION:
G-002	0

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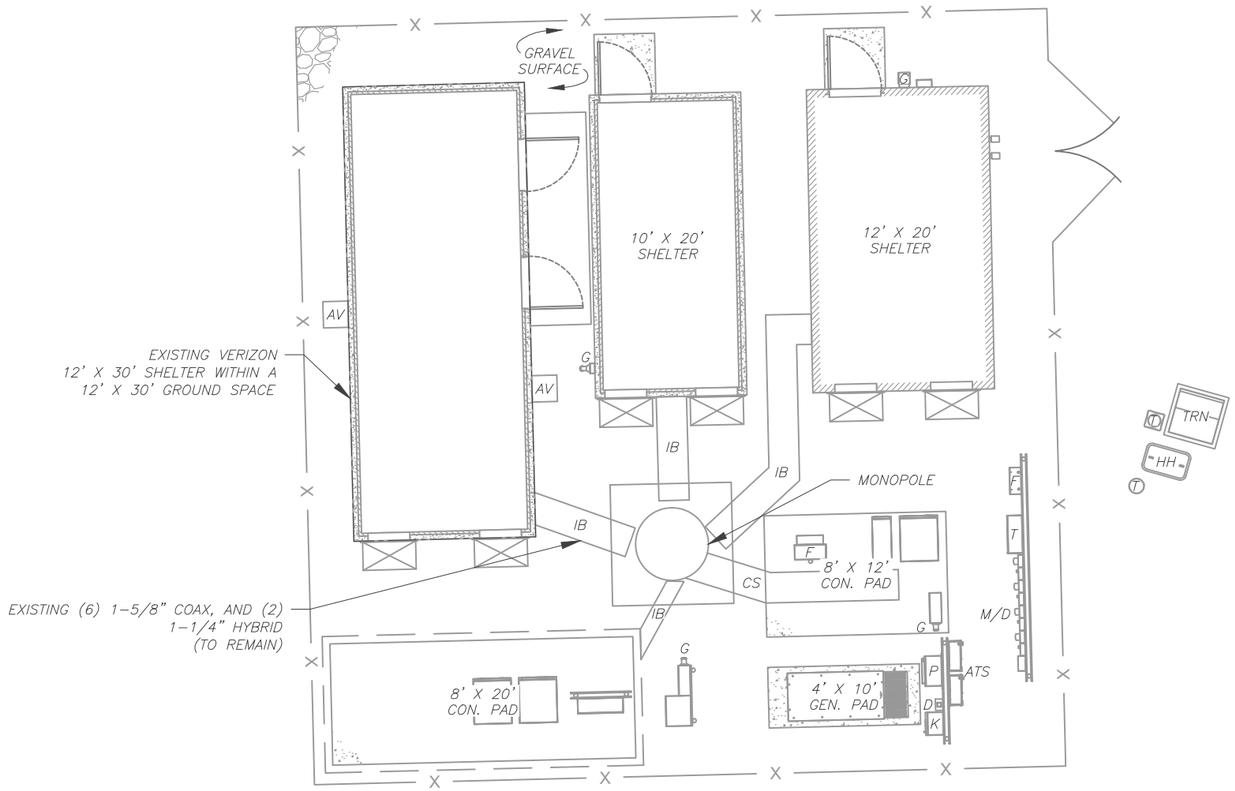
SITE PLAN NOTES:

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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1 FENTON MAIN
SUITE 300
CARY, NC 27511
PHONE: (919) 468-0112
PEC.0001553

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REV.	DESCRIPTION	BY	DATE
0	FOR CONSTRUCTION	VAR	12/21/23

ATC SITE NUMBER:
302472

ATC SITE NAME:
ANDOVER-BUNKER HILL ROAD

VERIZON SITE NAME:
COLUMBIA CT

SITE ADDRESS:
104 BUNKER HILL ROAD
ANDOVER,CT 06232-1301

SEAL:

STATE OF CONNECTICUT
SCOTT A. WIRGAU
30575
LICENSED
PROFESSIONAL ENGINEER

Digitally Signed: 2023-12-21

verizon

ATC JOB NO:	14568043_G0
CUSTOMER ID:	COLUMBIA CT
CUSTOMER #:	5000231930

DETAILED SITE PLAN

SHEET NUMBER:	REVISION:
C-101	0

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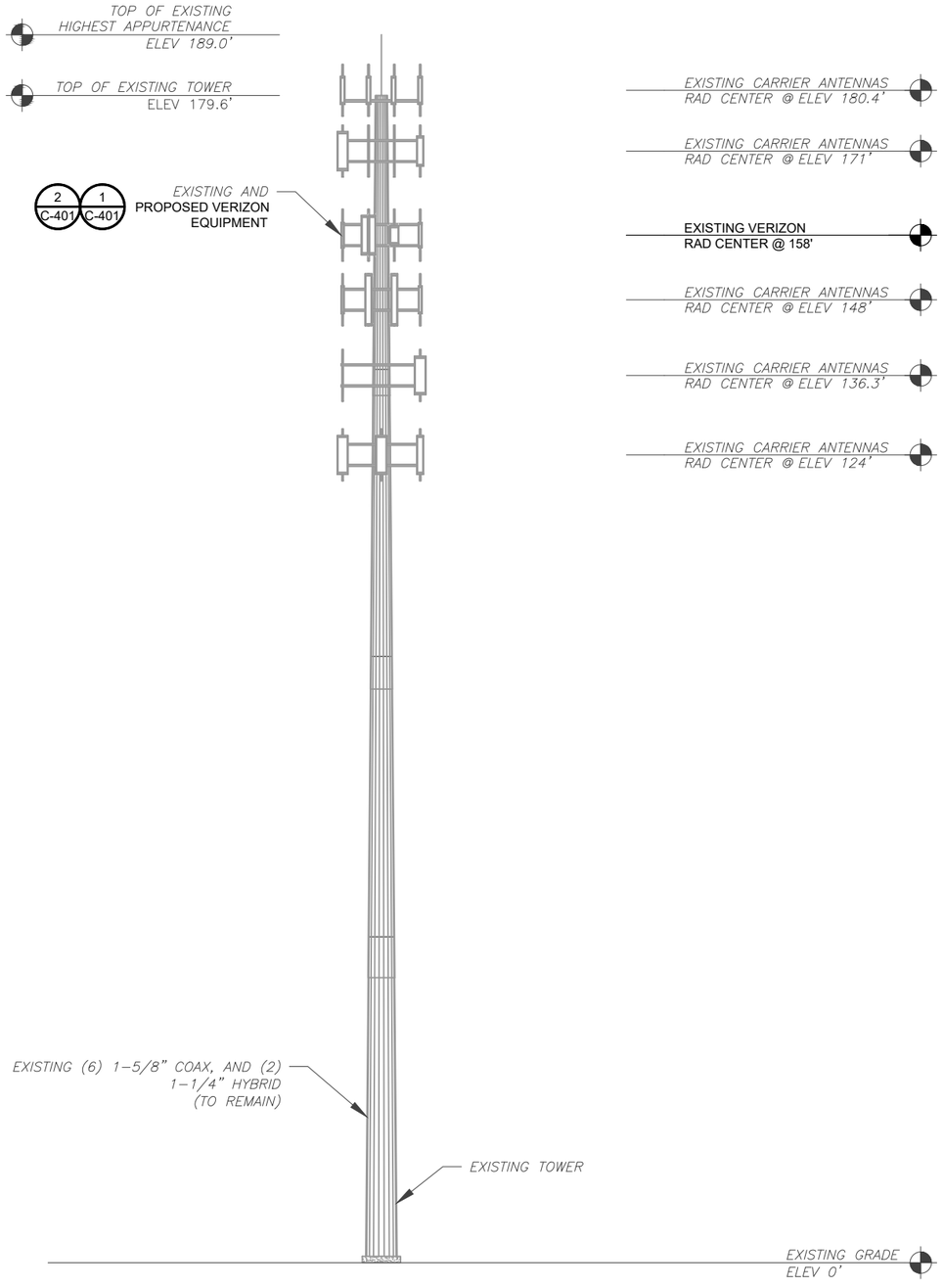
PER MOUNT ANALYSIS COMPLETED BY COLLIERS ENGINEERING & DESIGN, DATED 10/23/23, THE EXISTING MOUNT CAN ADEQUATELY SUPPORT THE PROPOSED LOADING.



1 TOWER ELEVATION
SCALE: N.T.S.

ALL ELEVATIONS REFLECT ABOVE GROUND LEVEL (A.G.L.)

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 ELEVATION DEPICTION MAY NOT REFLECT ALL EQUIPMENT INCLUDED IN STRUCTURAL ANALYSIS. REFER TO STRUCTURAL ANALYSIS FOR FULL TOWER LOADING.

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CARY, NC 27511
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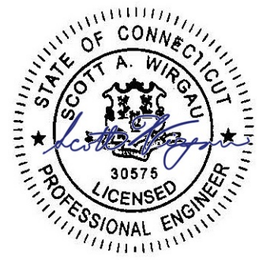
VERIZON SITE NAME:
COLUMBIA CT

SITE ADDRESS:
104 BUNKER HILL ROAD
ANDOVER,CT 06232-1301

SEAL:



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ATC JOB NO:	14568043_G0
CUSTOMER ID:	COLUMBIA CT
CUSTOMER #:	5000231930

TOWER ELEVATION

SHEET NUMBER:	REVISION:
C-201	0

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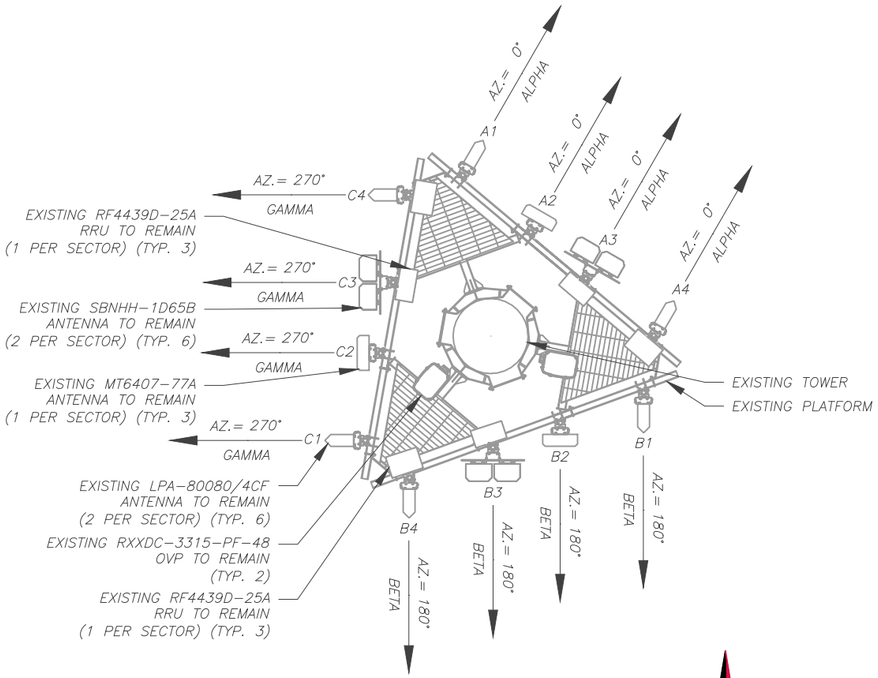
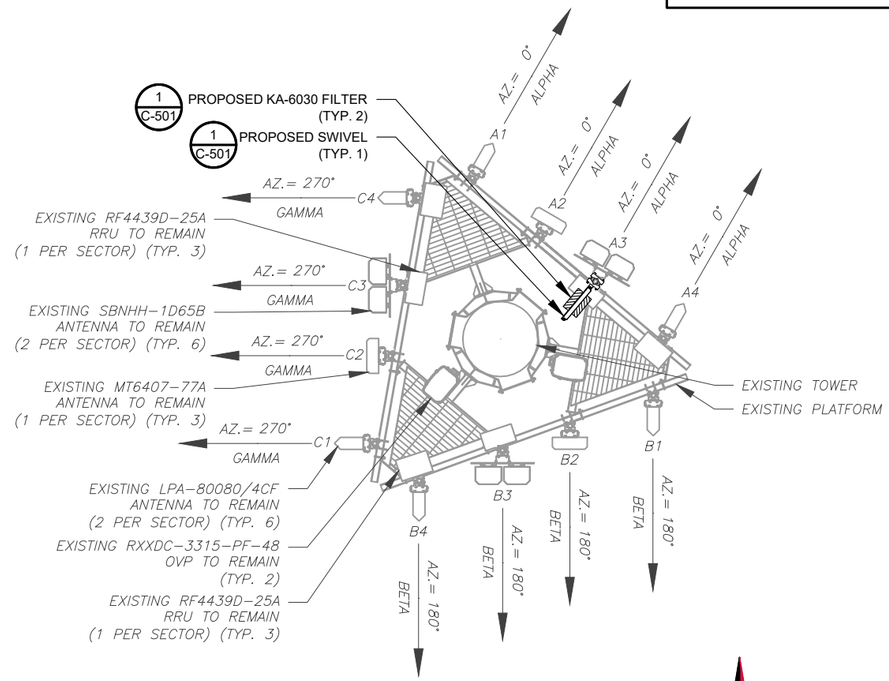


1 EXISTING ANTENNA PLAN

SCALE: N.T.S.

PER MOUNT ANALYSIS COMPLETED BY COLLIERS ENGINEERING & DESIGN, DATED 10/23/23, 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	158'	30°	A1	LPA–80080–4CF	–	RMN	–	–
			A2	MT6407–77A	–	RMN	–	–
			A3	(2) SBNHH–1D65B	–	RMN	RF4440D–13A	RMN
			A4	LPA–80080–4CF	–	RMN	RF4439D–25A	RMN
BETA	158'	180°	B1	LPA–80080–4CF	–	RMN	–	–
			B2	MT6407–77A	–	RMN	–	–
			B3	(2) SBNHH–1D65B	–	RMN	RF4440D–13A	RMN
			B4	LPA–80080–4CF	–	RMN	RF4439D–25A	RMN
GAMMA	158'	270°	C1	LPA–80080–4CF	–	RMN	–	–
			C2	MT6407–77A	–	RMN	–	–
			C3	(2) SBNHH–1D65B	–	RMN	RF4440D–13A	RMN
			C4	LPA–80080–4CF	–	RMN	RF4439D–25A	RMN

NOTES

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

STATUS ABBREVIATIONS

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

CABLE LENGTHS FOR JUMPERS

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

FINAL ANTENNA SCHEDULE

LOCATION			ANTENNA SUMMARY				NON ANTENNA SUMMARY	
SECTOR	RAD	AZ	POS	ANTENNA	BAND	STATUS	ADDITIONAL TOWER MOUNTED EQUIPMENT	STATUS
ALPHA	158'	30°	A1	LPA–80080–4CF	–	RMN	–	–
			A2	MT6407–77A	–	RMN	–	–
			A3	(2) SBNHH–1D65B	–	RMN	RF4440D–13A (2) KA-6030	RMN ADD
			A4	LPA–80080–4CF	–	RMN	RF4439D–25A	RMN
BETA	158'	180°	B1	LPA–80080–4CF	–	RMN	–	–
			B2	MT6407–77A	–	RMN	–	–
			B3	(2) SBNHH–1D65B	–	RMN	RF4440D–13A	RMN
			B4	LPA–80080–4CF	–	RMN	RF4439D–25A	RMN
GAMMA	158'	270°	C1	LPA–80080–4CF	–	RMN	–	–
			C2	MT6407–77A	–	RMN	–	–
			C3	(2) SBNHH–1D65B	–	RMN	RF4440D–13A	RMN
			C4	LPA–80080–4CF	–	RMN	RF4439D–25A	RMN

EXISTING FIBER DISTRIBUTION / OVP BOX		EXISTING CABLING SUMMARY	
MODEL NUMBER	STATUS	CABLE QTY, SIZE, TYPE	STATUS
–	RMN	(6) 1–5/8" COAX, AND (2) 1–1/4" HYBRID	RMN
–	RMV	----	RMV

FINAL FIBER DISTRIBUTION / OVP BOX		FINAL CABLING SUMMARY	
MODEL NUMBER	STATUS	CABLE QTY, SIZE, TYPE	STATUS
–	RMN	(6) 1–5/8" COAX, AND (2) 1–1/4" HYBRID	RMN
–	RMV	----	ADD

3 EQUIPMENT SCHEDULES

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0	FOR CONSTRUCTION	VAR	12/21/23

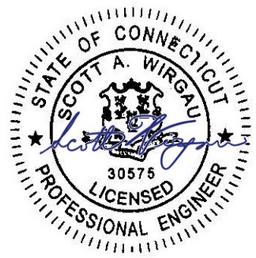
ATC SITE NUMBER:
302472

ATC SITE NAME:
ANDOVER-BUNKER HILL ROAD

VERIZON SITE NAME:
COLUMBIA CT

SITE ADDRESS:
104 BUNKER HILL ROAD
ANDOVER,CT 06232-1301

SEAL:



Digitally Signed: 2023-12-21

verizon

ATC JOB NO:	14568043_G0
CUSTOMER ID:	COLUMBIA CT
CUSTOMER #:	5000231930

ANTENNA INFORMATION & SCHEDULE

SHEET NUMBER:	REVISION:
C-401	0

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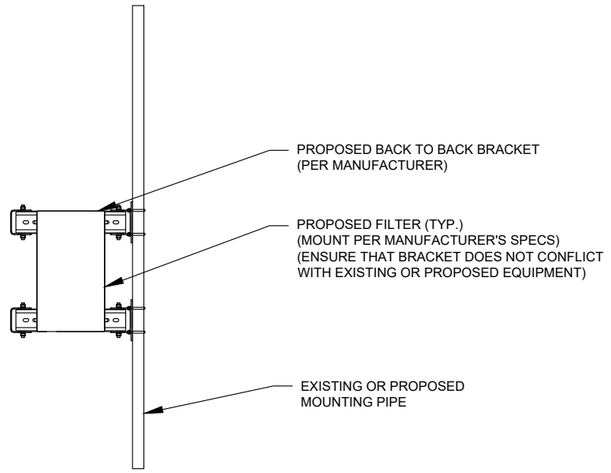
EXISTING/PROPOSED MOUNTS AND/OR MOUNT MODIFICATIONS NOT SHOWN FOR CLARITY. REFER TO ANTENNA PLANS, MOUNT ANALYSES AND/OR MOUNT MODIFICATION DOCUMENTS FOR ADDITIONAL DETAIL.



1 PROPOSED FILTER MOUNTING DETAIL - TYPICAL

SCALE: N.T.S.

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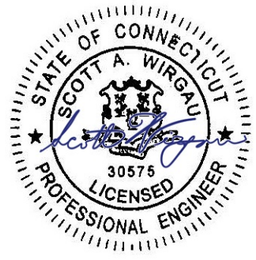
SEAL:



Digitally Signed: 2023-12-21

verizon

ATC JOB NO:	14568043_G0
CUSTOMER ID:	COLUMBIA CT
CUSTOMER #:	5000231930

CONSTRUCTION DETAILS

SHEET NUMBER:	REVISION:
C-501	0

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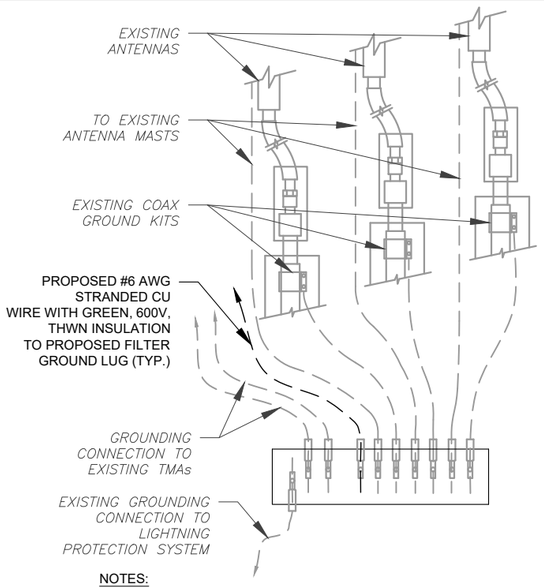
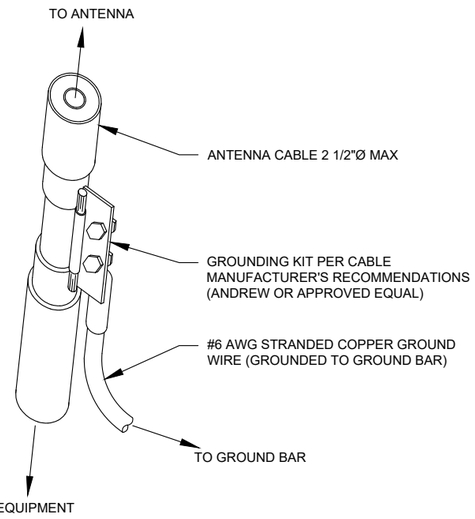


NOTES:

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.

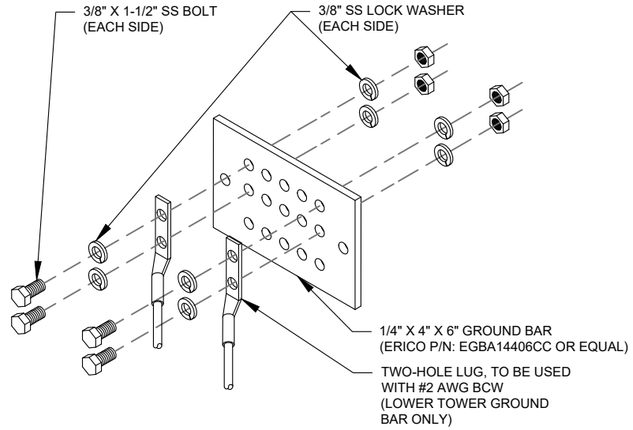


GROUND KIT NOTES:

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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SITE ADDRESS:
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ANDOVER,CT 06232-1301

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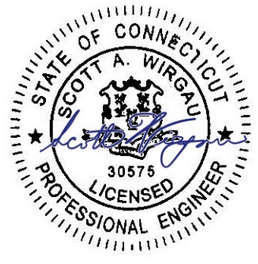

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verizon

ATC JOB NO:	14568043_G0
CUSTOMER ID:	COLUMBIA CT
CUSTOMER #:	5000231930

GROUNDING DETAILS

SHEET NUMBER:	REVISION:
E-501	0

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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	-20°C to +60°C | -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.	

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ORDERING INFORMATION

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

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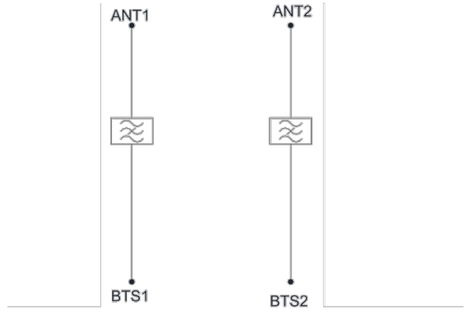
ELECTRICAL BLOCK DIAGRAM



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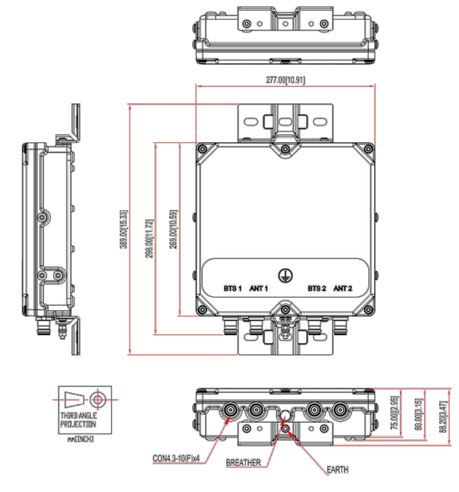
MECHANICAL BLOCK DIAGRAM



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SUPPLEMENTAL

SHEET NUMBER: R-601

REVISION: 0

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

Antenna Mount Analysis Report and PMI Requirements

Mount ReAnalysis

SMART Tool Project #: 10208056
Colliers Engineering & Design Project #: 23777211

October 23, 2023

Site Information

Site ID:	*5000231930-VZW / COLUMBIA CT*
Site Name:	*COLUMBIA CT*
Carrier Name:	*Verizon Wireless*
Address:	*104 Bunker Hill Rd.* *Andover, Connecticut 06232* *Tolland County*
Latitude:	*41.737786°*
Longitude:	*-72.349839°*

Structure Information

Tower Type:	*178-Ft Monopole*
Mount Type:	*12.50-Ft Platform*

FUZE ID # 17123890

Analysis Results

Platform: **44.7% 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: Vincent DiGirolamo

STATE OF CONNECTICUT · DEJIAN XU · No. 33733 · LICENSED PROFESSIONAL ENGINEER

10/24/2023

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.

Previous mount replacement has been installed as intended per previous mount replacement analysis completed by Colliers Engineering & Design (Project #: 21777492, Rev 1), dated August 2, 2023.

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

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:	REVISION:
R-602	0

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KA-6030

TWIN BANDSTOP 900MHZ INTERFERENCE MITIGATION FILTER

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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.

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ORDERING INFORMATION

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

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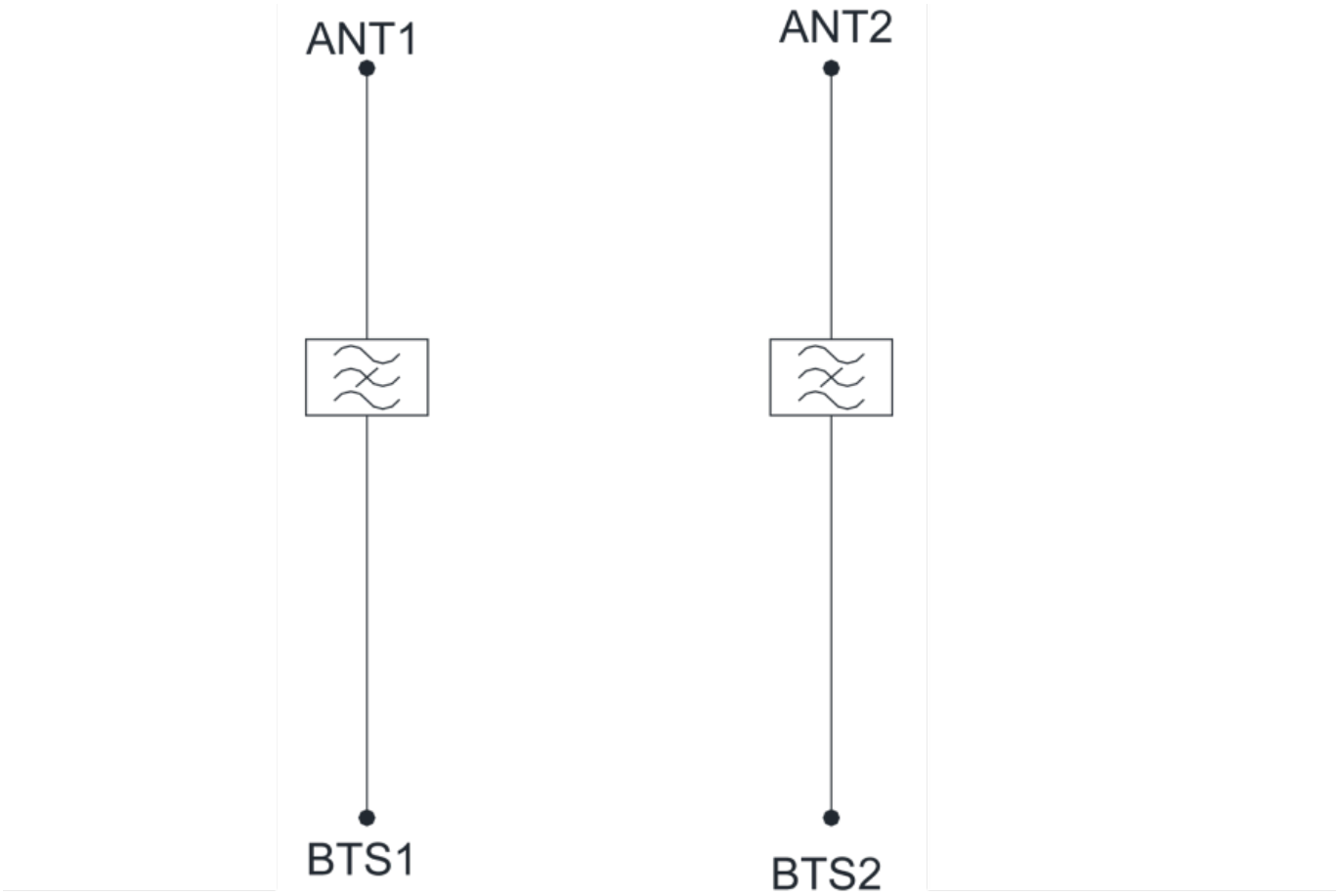
ELECTRICAL BLOCK DIAGRAM



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MECHANICAL BLOCK DIAGRAM

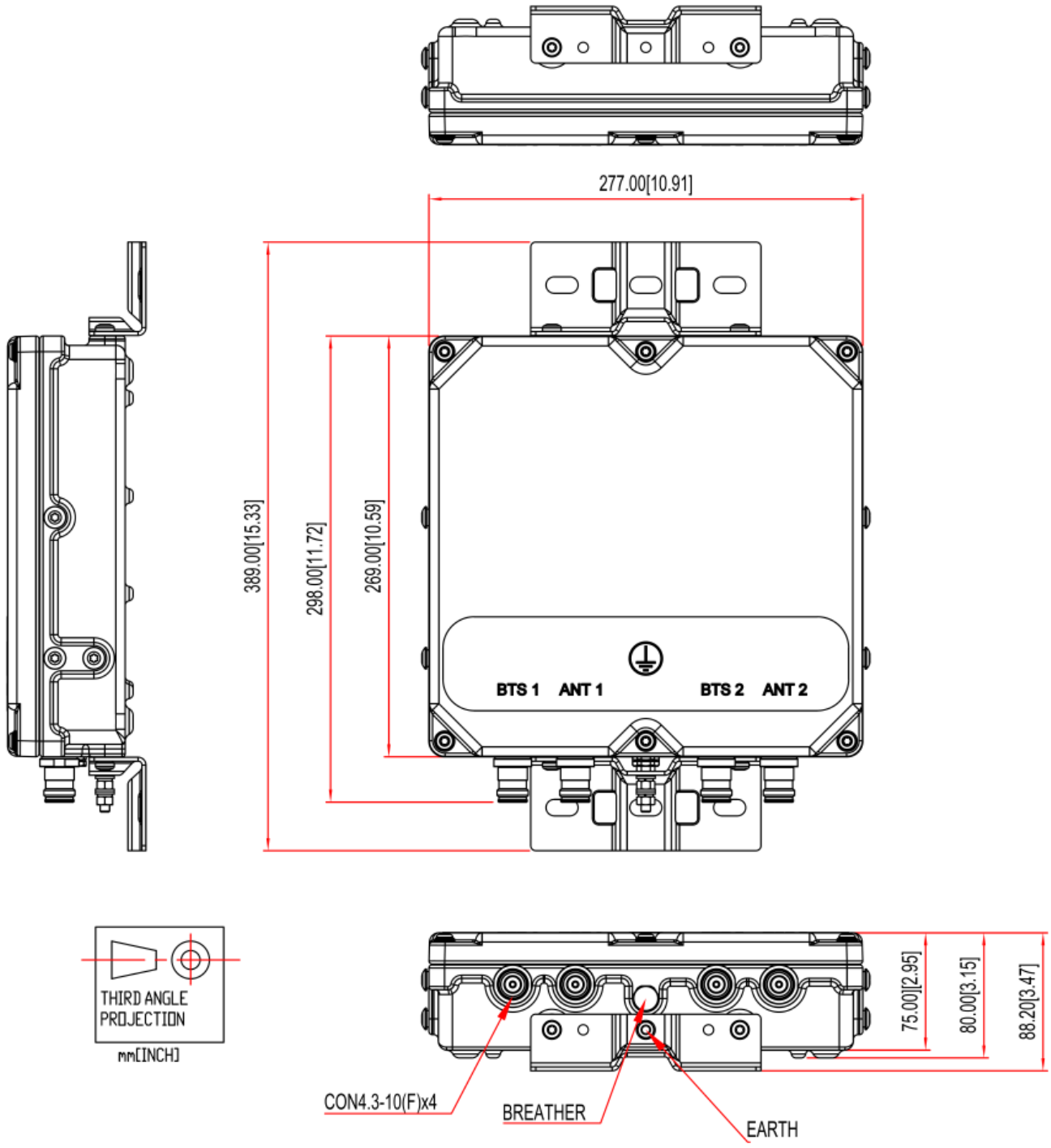

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EXHIBIT 2

104 BUNKER HILL RD

Location	104 BUNKER HILL RD	**Mblu**	33/ 36/ 3/ /
Acct#	1023	**Owner**	PRICE LEON & BENJAMIN
Assessment	$332,220	**Appraisal**	$474,600
PID	1023	**Building Count**	1

Current Value

Appraisal			
Valuation Year	**Improvements**	**Land**	**Total**
2021	$215,200	$259,400	$474,600
Assessment			
Valuation Year	**Improvements**	**Land**	**Total**
2021	$150,640	$181,580	$332,220

Owner of Record

Owner	PRICE LEON & BENJAMIN	**Sale Price**	$0
Co-Owner		**Certificate**	
Address	104 BUNKER HILL RD ANDOVER, CT 06232	**Book & Page**	0113/1034
		Sale Date	10/18/2010
		Instrument	26

Ownership History

Ownership History					
Owner	**Sale Price**	**Certificate**	**Book & Page**	**Instrument**	**Sale Date**
PRICE LEON & BENJAMIN	$0		0113/1034	26	10/18/2010
PRICE LEON	$0		0094/0229		08/23/2004
GREEN DEBORAH R & PRICE LEON	$0		0075/0459		07/06/2000
GREEN DEBORAH R & PRICE LEON	$184,000		0068/0950	00	12/10/1997
ARNER DAVID C & MARSHA A	$69,000		0028/0674	00	04/15/1976

Building Information

Building 1 : Section 1

Year Built: 1969

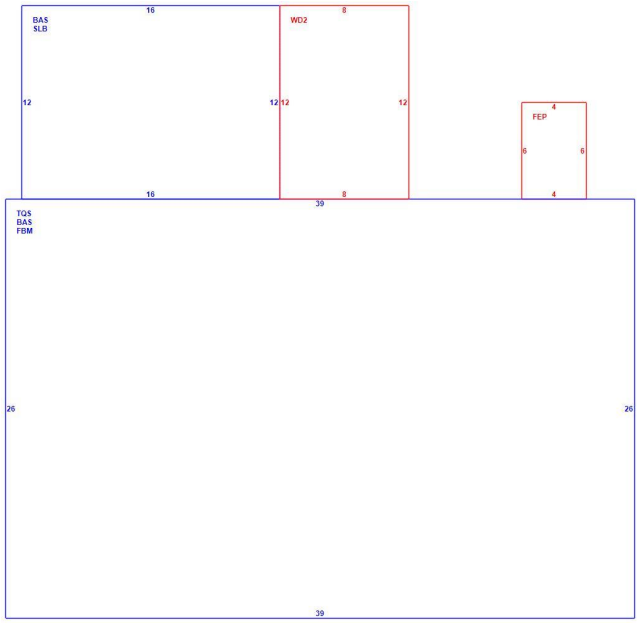
Living Area: 2,017
Replacement Cost: $248,898
Building Percent Good: 65
Replacement Cost Less Depreciation: $161,800

Building Attributes	
Field	**Description**
Style:	Colonial
Model	Residential
Grade:	C+
Stories:	1 3/4 Stories
Occupancy	1
Exterior Wall 1	Clapboard
Exterior Wall 2	
Roof Structure:	Gambrel
Roof Cover	Asph/F Gls/Cmp
Interior Wall 1	Drywall/Sheet
Interior Wall 2	
Interior Flr 1	Laminate
Interior Flr 2	
Heat Fuel	Oil
Heat Type:	Hot Water
AC Type:	None
Total Bedrooms:	3 Bedrooms
Total Bthrms:	2
Total Half Baths:	1
Total Xtra Fixtrs:	
Total Rooms:	7 Rooms
Bath Style:	Average
Kitchen Style:	Average
Num Kitchens	01
Cndtn	
Num Park	
Fireplaces	
Fndtn Cndtn	
Basement	

Building Photo

(https://images.vgsi.com/photos2/AndoverCTPhotos///0004/100_0322_436

Building Layout



(ParcelSketch.ashx?pid=1023&bid=1023)

Building Sub-Areas (sq ft)			Legend
Code	**Description**	**Gross Area**	**Living Area**
BAS	First Floor	1,206	1,206
TQS	Three Quarter Story	1,014	811
FBM	Basement, Finished	1,014	0
FEP	Porch, Enclosed, Finished	24	0
SLB	Slab	192	0
WD2	Deck, Wood	96	0
		3,546	2,017

Extra Features

Extra Features	Legend

No Data for Extra Features

Land

Land Use

Use Code	1010
Description	Single Fam MDL-01
Zone	R-80
Neighborhood	12
Alt Land Appr	No
Category	

Land Line Valuation

Size (Acres)	13.90
Frontage	0
Depth	0
Assessed Value	$181,580
Appraised Value	$259,400

Outbuildings

Outbuildings						Legend
Code	**Description**	**Sub Code**	**Sub Description**	**Size**	**Value**	**Bldg #**
FN3	Fence-6' Chain			200.00 L.F.	$1,600	1
SHD5	Shed			220.00 S.F.	$5,500	1
SHD5	Shed			768.00 S.F.	$19,400	1
FGR1	Garage Av			2080.00 S.F.	$15,000	1
SHP3	Work Shop Pr			2640.00 S.F.	$11,900	1

Valuation History

Appraisal			
Valuation Year	**Improvements**	**Land**	**Total**
2021	$215,200	$259,400	$474,600
2020	$192,100	$276,300	$468,400
2015	$210,100	$251,700	$461,800

Assessment			
Valuation Year	**Improvements**	**Land**	**Total**
2021	$150,640	$181,580	$332,220
2020	$134,500	$193,400	$327,900
2015	$147,000	$176,200	$323,200

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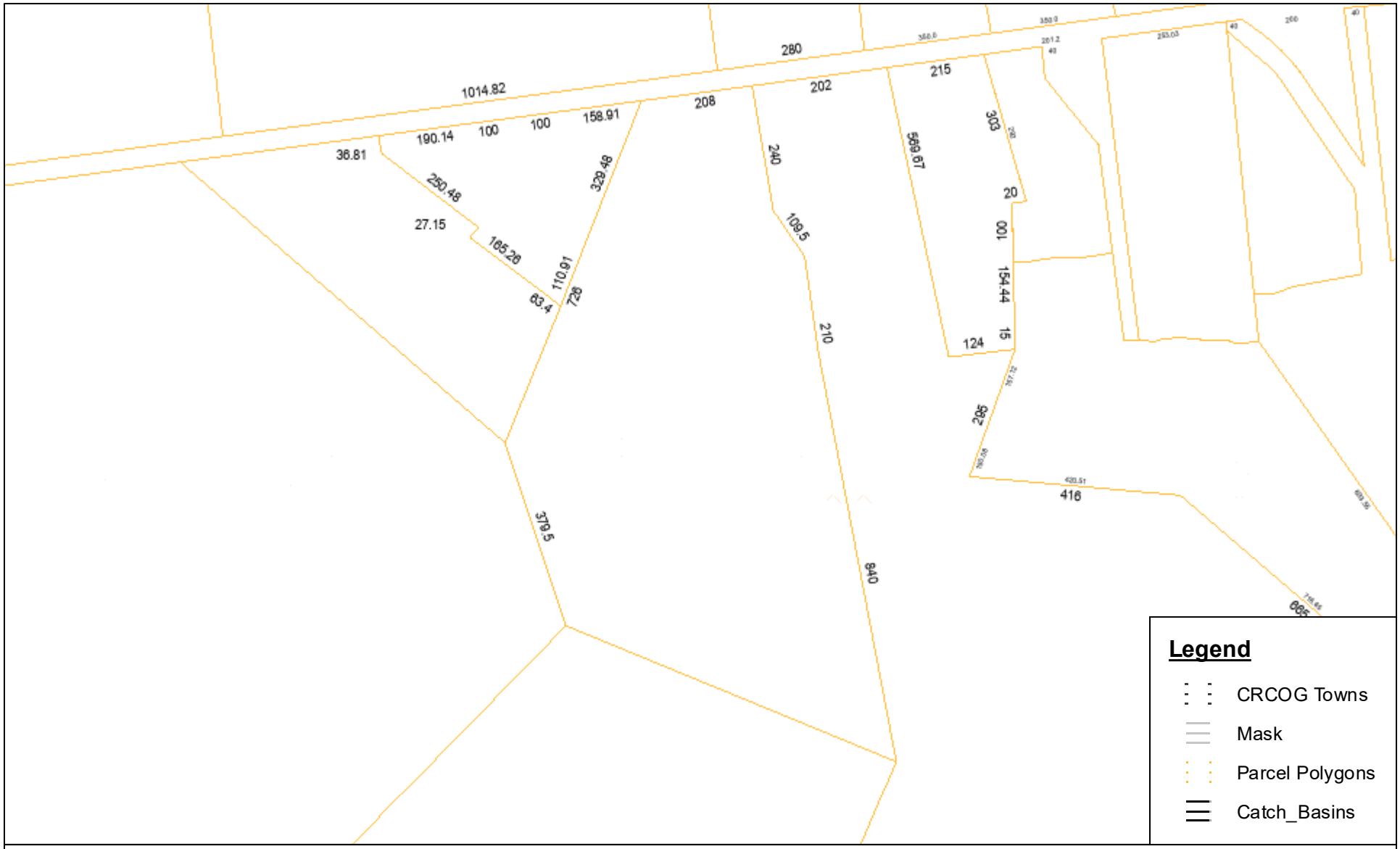
ArcGIS Web Map



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CRCOG CAPITOL REGION COUNCIL OF GOVERNMENTS
Working together for a better region.

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

Scale
1:4,514
Created: 1/4/2024

EXHIBIT 3

AMERICAN TOWER®
CORPORATION

Structural Analysis Report

Structure	:	178 ft Monopole
ATC Asset Name	:	Andover-bunker Hill Road
ATC Asset Number	:	302472
Engineering Number	:	14568043_C3_03
Proposed Carrier	:	VERIZON WIRELESS
Carrier Site Name	:	COLUMBIA CT
Carrier Site Number	:	5000231930
Site Location	:	104 Bunker Hill Road Andover, CT 06232-1301 41.7378° N, 72.3498° W
County	:	Tolland
Date	:	November 29, 2023
Max Usage	:	82%
Analysis Result	:	Pass

COA: PEC.0001553

Table of Contents

Introduction

The purpose of this report is to summarize results of a structural analysis performed on the 178 ft Monopole tower to reflect the change in loading by VERIZON WIRELESS.

Supporting Documents

Tower:	Summit, PJF Job #29200-028, dated January 14, 2000
Foundation:	Summit, PJF Job #29200-012, dated January 14, 2000
Geotechnical:	Tectonic Project #1170.C966, dated November 30, 1999

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:	119 mph (3-second gust)
Basic Wind Speed w/ Ice:	50 mph (3-second gust) w/ 1.50" 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 2
Feature:	Hill
Crest Height (H):	344 ft
Crest Length (L):	2786 ft
Spectral Response:	Ss = 0.19, S_1 = 0.06
Site Class:	D - Stiff Soil - Default

Conclusion

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

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

Structure Usages

Structural Component	Usage	Control	Result
Pole Shaft	82.0%	1.2D + 1.0W	Pass
Serviceability Usage	57.3%	1.0D + 1.0W	Pass
Base Plate @ 0.0 ft	74.3%	Rods	Pass
Mat & Pier	60.3%	Moment [Soil]	Pass

Maximum Reactions

Foundation	Moment (k-ft)	Axial (k)	Shear (k)
Monopole Base	5,343.4	68.4	41.4

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
158.0	1	SitePro1 RMQP w/ HRK12 Platform with Handrails	(2) 1 1/4" Hybriflex Cable (6) 1 5/8" Coax
	2	Kaelus KA-6030	
	2	Raycap RxxDC-3315-PF-48	
	3	Samsung B2/B66A RRH ORAN (RF 4439d-25A)	
	3	Samsung B5/B13 RRH ORAN (RF4440d-13A)	
	3	Samsung MT6407-77A	
	6	Andrew SBNHH-1D65B	
	6	Antel LPA-80080/4CF ___	
110.0	1	Stand-Off	-
108.0	1	GPS	(1) 1/2" Coax

Other Existing/Reserved Loading

Elev (ft)	Qty	Equipment	Lines	Carrier
180.4	12	Powerwave Allgon 7120.16.05.00 / A-800-110-13I-0-N	-	SPRINT NEXTEL
178.0	1	Low Profile Platform	-	SPRINT NEXTEL
171.8	3	Alcatel-Lucent TD-RRH8x20-25 w/ Solar Shield	-	SPRINT NEXTEL
171.0	3	Alcatel-Lucent 1900 MHz 4X45 RRH	-	SPRINT NEXTEL
	3	Commscope NNVV-65B-R4		
	3	RFS APXVTM14-ALU-I20		
170.8	6	Alcatel-Lucent RRH2x50-08	-	SPRINT NEXTEL
168.0	1	Low Profile Platform	-	SPRINT NEXTEL
148.0	1	Platform with Handrails	(1) 1 1/4" Hybriflex Cable (3) 1.99" (50.7mm) Hybrid	T-MOBILE
	3	Ericsson 4460 BAND 2/25		
	3	Ericsson Air6449 B41		
	3	Ericsson Radio 4449 B12,B71		
	3	RFS APXVAARR24_43-U-NA20		
137.0	1	Platform with Handrails	(2) 0.39" (10mm) Fiber Trunk (6) 0.78" (19.7mm) 8 AWG 6 (12) 1 1/4" Coax (2) 2" Carflex Non-Metallic Conduit	AT&T MOBILITY
	3	Ericsson RRUS 4449 B5, B12		
	3	Ericsson RRUS 4478 B14		
	3	Ericsson RRUS 8843 B2, B66A		
	3	Mount Reinforcement		
	3	Powerwave Allgon 7770.00		
	3	Raycap DC6-48-60-18-8F ("Squid")		
	6	CCI DMP65R-BU6DA		
	6	LGP Allgon LGP21903		
	6	Powerwave Allgon LGP21401		
124.0	1	Commscope RDIDC-9181-PF-48	(1) 1.60" (40.6mm) Hybrid	DISH WIRELESS L.L.C.
	1	Platform with Handrails		
	3	Fujitsu TA08025-B604		
	3	Fujitsu TA08025-B605		
	3	JMA Wireless MX08FRO665-21		
97.0	1	Stand-Off	-	SPRINT NEXTEL
95.7	1	GPS	-	SPRINT NEXTEL
88.5	1	GPS	-	SPRINT NEXTEL
88.0	1	Stand-Off	-	SPRINT NEXTEL

(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.

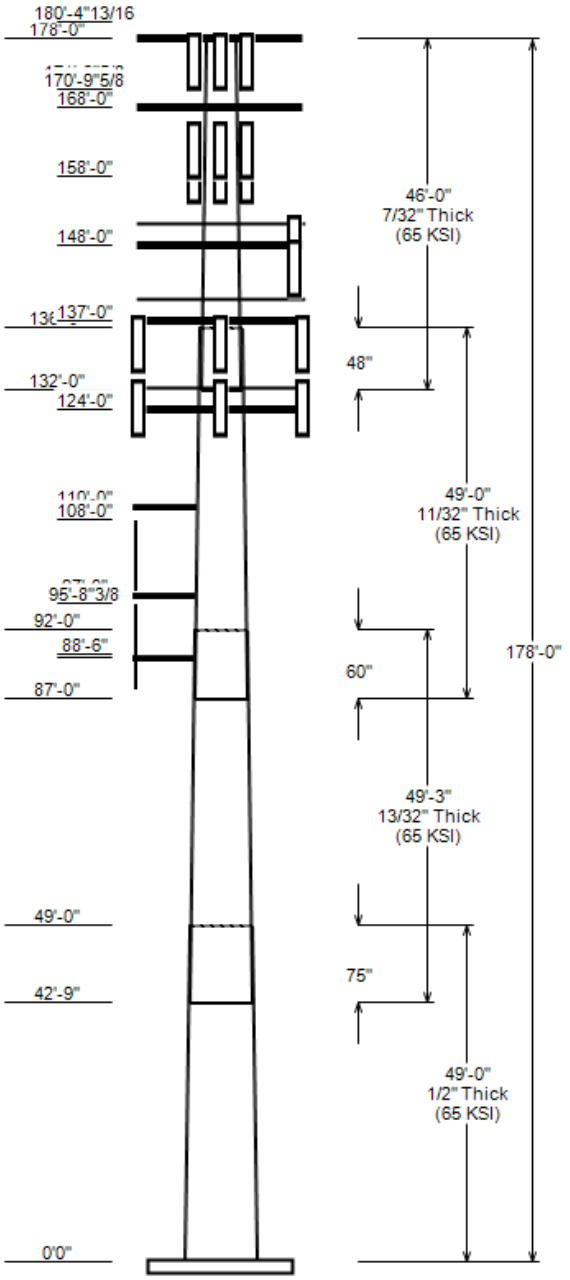
All assets of American Tower Corporation, its affiliates, and subsidiaries (collectively "American Tower") are inspected at regular intervals. Based upon these inspections and in the absence of information to the contrary, American Tower assumes that all structures were constructed in accordance with 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:	119 mph	**Ice Wind:**	50 mph w/ 1.5" ice	**Service Wind:**	60 mph
Risk Category:	II	**Exposure:**	B	**S_s:** 0.193	**S_1:** 0.055
Topo Category:	0	**Topo Factor:**	Method 2	**Topo Feature:**	Hill
Structure Height:	178 ft	**Base Elevation:**	0.00 ft	**Structure Type:**	Taper
Base Diameter:	56.91 in	**Base Rotation:**	0°	**Taper:**	0.2070 (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	49.000	46.77	56.91	0.500		0.000	18 Sides	65
2	49.250	38.68	48.87	0.406	Slip Joint	75.000	18 Sides	65
3	49.000	30.26	40.40	0.344	Slip Joint	60.000	18 Sides	65
4	46.000	22.00	31.52	0.219	Slip Joint	48.000	18 Sides	65

DISCRETE APPURTENANCE

Elev (ft)	Description
180.4	(12) Powerwave Allgon 7120.16.05.00
178.0	(1) Generic Flat Low Profile Platf
171.8	(3) Alcatel-Lucent TD-RRH8x20-25 w
171.0	(3) Alcatel-Lucent 1900 MHz 4X45 R
171.0	(3) RFS APXVTM14-ALU-I20
171.0	(3) Commscope NNVV-65B-R4
170.8	(6) Alcatel-Lucent RRH2x50-08
168.0	(1) Generic Flat Low Profile Platf
158.0	(2) Kaelus KA-6030
158.0	(3) Samsung B2/B66A RRH ORAN (RF 4
158.0	(3) Samsung B5/B13 RRH ORAN (RF444
158.0	(2) Raycap RxxDC-3315-PF-48
158.0	(3) Samsung MT6407-77A
158.0	(6) Antel LPA-80080/4CF ___
158.0	(6) Andrew SBNHH-1D65B
158.0	(1) SitePro1 RMQP w/ HRK12 Round P
148.0	(3) Ericsson Radio 4449 B12,B71
148.0	(3) Ericsson 4460 BAND 2/25
148.0	(3) Ericsson Air6449 B41
148.0	(3) RFS APXVAARR24_43-U-NA20
148.0	(1) Generic Round Platform with Ha
137.0	(6) LGP Allgon LGP21903
137.0	(6) Powerwave Allgon LGP21401
137.0	(3) Raycap DC6-48-60-18-8F ("Squid
137.0	(3) Ericsson RRUS 8843 B2, B66A
137.0	(3) Ericsson RRUS 4478 B14
137.0	(3) Ericsson RRUS 4449 B5, B12
137.0	(3) Generic Mount Reinforcement
137.0	(3) Powerwave Allgon 7770.00
137.0	(6) CCI DMP65R-BU6DA
137.0	(1) Generic Round Platform with Ha
124.0	(1) Commscope RDIDC-9181-PF-48
124.0	(3) Fujitsu TA08025-B604
124.0	(3) Fujitsu TA08025-B605
124.0	(3) JMA Wireless MX08FRO665-21
124.0	(1) Generic Round Platform with Ha
110.0	(1) Generic Round Stand-Off
108.0	(1) Generic GPS
97.0	(1) Generic Round Stand-Off
95.7	(1) Generic GPS
88.5	(1) Generic GPS
88.0	(1) Generic Round Stand-Off

LINEAR APPURTENANCE

Elev To (ft)	Description
170.0	(3) 1 1/4" Hybriflex Cable
158.0	(6) 1 5/8" Coax
158.0	(2) 1 1/4" Hybriflex Cable
148.0	(3) 1.99" (50.7mm) Hybrid
148.0	(1) 1 1/4" Hybriflex Cable
138.0	(1) 2" Carflex Non-Metallic Conduit
137.0	(2) 2" Carflex Non-Metallic Conduit
137.0	(12) 1 1/4" Coax
137.0	(6) 0.78" (19.7mm) 8 AWG 6
137.0	(2) 0.39" (10mm) Fiber Trunk
124.0	(1) 1.60" (40.6mm) Hybrid
108.0	(1) 1/2" Coax
95.0	(1) 1/2" Coax

GLOBAL BASE REACTIONS

Load Case	Moment (kip-ft)	Axial (kip)	Shear (kip)
1.2D + 1.0W	5343.38	68.38	41.44
0.9D + 1.0W	5249.78	51.27	41.41
1.2D + 1.0Di + 1.0Wi	1596.74	104.94	12.00
1.2D + 1.0Ev + 1.0Eh	255.67	68.73	1.72
0.9D - 1.0Ev + 1.0Eh	249.89	47.56	1.71
1.0D + 1.0W	1203.99	57.05	9.42

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ANALYSIS PARAMETERS

Location:	Tolland County,CT	**Height:**	178 ft
Type and Shape:	Taper, 18 Sides	**Base Diameter:**	56.91 in
Manufacturer:	Undetermined	**Top Diameter:**	22.00 in
K_d (non-service):	0.95	**Taper:**	0.2070 in/ft
K_e:	0.98	**Rotation:**	0.000°

ICE & WIND PARAMETERS

Risk Category:	II	**Design Wind Speed:**	119 mph
Exposure Category:	B	**Design Wind Speed w/ Ice:**	50 mph
Topo Factor Procedure:	Method 2	**Design Ice Thickness:**	1.50 in
		Service Wind Speed:	60 mph
		HMSL:	547.00 ft
Crest Height(H):	344 ft	**Distance from Apex (x):**	483 ft
Crest Length(L):	2786 ft	**Upwind/Downwind:**	Upwind
Feature:	Hill		

SEISMIC PARAMETERS

Analysis Method:	Equivalent Lateral Force Method				
Site Class:	D - Stiff Soil		**Period Based on Rayleigh Method (sec):**		3.09
T_L (sec):	6	**P:**	1	**C_s:**	0.030
S_s:	0.193	**S_1:**	0.055	**C_s Max:**	0.030
F_a:	1.600	**F_v:**	2.400	**C_s Min:**	0.030
S_{ds}:	0.206	**S_{d1}:**	0.088		

LOAD CASES

1.2D + 1.0W	119 mph Wind with No Ice
0.9D + 1.0W	119 mph Wind with No Ice (Reduced DL)
1.2D + 1.0Di + 1.0Wi	50 mph Wind with 1.5" 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

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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	49.00	0.5000	65		0.00	13,584	56.91	0.000	89.52	35,990.1	18.31	113.82	46.77	49.00	73.42	19,857.	14.73	93.53	0.2070
2-18	49.25	0.4063	65	Slip	75.00	9,371	48.87	42.750	62.50	18,549.0	19.45	120.29	38.68	92.00	49.35	9,133.1	15.02	95.20	0.2070
3-18	49.00	0.3438	65	Slip	60.00	6,364	40.40	87.000	43.71	8,860.8	18.96	117.51	30.26	136.00	32.64	3,690.1	13.75	88.01	0.2070
4-18	46.00	0.2188	65	Slip	48.00	2,885	31.52	132.000	21.74	2,691.5	23.64	144.07	22.00	178.00	15.13	906.7	15.97	100.55	0.2070
			Total Shaft Weight			**32,204**													

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
180.40	Powerwave Allgon 7120.16.05.00	12	0.80	0.000	15.40	5.317	0.70	186.10	4.977	0.70
178.00	Generic Flat Low Profile Platf	1	1.00	0.000	1875.00	26.100	1.00	2762.24	47.016	1.00
171.80	Alcatel-Lucent TD-RRH8x20-25 w	3	0.75	3.800	70.00	4.046	0.50	173.34	5.498	0.50
171.00	Commscope NNVV-65B-R4	3	0.75	3.000	77.40	12.271	0.64	352.10	15.336	0.64
171.00	RFS APXVTM14-ALU-I20	3	0.75	3.000	56.20	6.342	0.66	206.74	8.723	0.66
171.00	Alcatel-Lucent 1900 MHz 4X45 R	3	0.75	3.000	60.00	2.322	0.50	148.10	3.503	0.50
170.80	Alcatel-Lucent RRH2x50-08	6	0.75	2.800	52.90	1.701	0.50	117.67	2.644	0.50
168.00	Generic Flat Low Profile Platf	1	1.00	0.000	1875.00	26.100	1.00	2758.85	46.936	1.00
158.00	SitePro1 RMQP w/ HRK12 Round P	1	1.00	0.000	2000.00	27.200	1.00	3514.35	47.795	1.00
158.00	Andrew SBNHH-1D65B	6	0.75	2.100	50.70	8.173	0.69	241.42	11.249	0.69
158.00	Antel LPA-80080/4CF ___	6	0.75	1.500	12.00	5.399	0.62	161.57	3.541	0.62
158.00	Samsung MT6407-77A	3	0.75	0.000	81.60	4.709	0.61	192.38	6.360	0.61
158.00	Raycap RxxDC-3315-PF-48	2	0.75	3.700	21.40	2.512	1.00	107.98	3.644	1.00
158.00	Samsung B5/B13 RRH ORAN (RF444	3	0.75	0.000	70.30	1.875	0.50	137.58	2.856	0.50
158.00	Samsung B2/B66A RRH ORAN (RF 4	3	0.75	0.000	74.70	1.875	0.50	144.16	2.853	0.50
158.00	Kaelus KA-6030	2	0.75	0.000	17.60	0.963	0.50	43.23	1.673	0.50
148.00	Ericsson Radio 4449 B12,B71	3	0.75	-0.400	74.00	1.639	0.50	134.58	2.552	0.50
148.00	Generic Round Platform with Ha	1	1.00	0.000	2500.00	27.200	1.00	4252.56	53.649	1.00
148.00	RFS APXVAARR24_43-U-NA20	3	0.75	-1.900	127.90	20.243	0.63	552.68	24.256	0.63
148.00	Ericsson Air6449 B41	3	0.75	0.000	104.00	5.682	0.63	251.46	7.399	0.63
148.00	Ericsson 4460 BAND 2/25	3	0.75	0.000	109.00	2.564	0.67	204.64	3.704	0.67
137.00	Powerwave Allgon 7770.00	3	0.75	-0.400	35.00	5.508	0.65	157.40	7.797	0.65
137.00	CCI DMP65R-BU6DA	6	0.75	-0.700	79.40	12.709	0.63	356.76	15.712	0.63
137.00	Generic Round Platform with Ha	1	1.00	0.000	2500.00	27.200	1.00	4244.00	53.520	1.00
137.00	Generic Mount Reinforcement	3	1.00	0.000	200.00	4.980	1.00	408.38	10.333	1.00
137.00	LGP Allgon LGP21903	6	0.75	-2.400	5.50	0.231	0.50	14.56	0.597	0.50
137.00	Ericsson RRUS 4478 B14	3	0.75	0.600	59.90	1.842	0.50	119.43	2.808	0.50
137.00	Ericsson RRUS 8843 B2, B66A	3	0.75	0.600	72.00	1.639	0.50	138.00	2.549	0.50
137.00	Raycap DC6-48-60-18-8F ("Squid	3	0.75	1.100	18.90	1.470	0.50	85.35	2.222	0.50
137.00	Powerwave Allgon LGP21401	6	0.75	-0.800	14.10	1.104	0.50	40.96	1.872	0.50
137.00	Ericsson RRUS 4449 B5, B12	3	0.75	0.700	71.00	1.969	0.50	140.39	2.973	0.50
124.00	Generic Round Platform with Ha	1	1.00	0.000	2500.00	27.200	1.00	4230.15	53.311	1.00
124.00	Commscope RDIDC-9181-PF-48	1	0.75	0.000	21.90	1.867	0.50	82.69	2.828	0.50
124.00	Fujitsu TA08025-B605	3	0.75	0.000	75.00	1.962	0.50	141.92	2.945	0.50
124.00	Fujitsu TA08025-B604	3	0.75	0.000	63.90	1.962	0.50	126.19	2.945	0.50
124.00	JMA Wireless MX08FRO665-21	3	0.75	0.000	64.50	12.489	0.64	339.05	15.491	0.64
110.00	Generic Round Stand-Off	1	1.00	0.000	187.50	5.200	1.00	284.37	8.078	1.00
108.00	Generic GPS	1	1.00	-1.400	10.00	0.900	0.50	40.94	1.576	0.50
97.00	Generic Round Stand-Off	1	1.00	0.000	187.50	5.200	1.00	283.47	8.052	1.00
95.70	Generic GPS	1	1.00	-1.300	10.00	0.900	0.50	40.69	1.571	0.50
88.50	Generic GPS	1	1.00	0.000	10.00	0.900	0.50	40.50	1.567	0.50
88.00	Generic Round Stand-Off	1	1.00	0.000	187.50	5.200	1.00	282.76	8.031	1.00
Totals	**Row Count: 42**	**125**			**20,110.70**			**43,412.44**		

LINEAR APPURTENANCE PROPERTIES

Load Case Azimuth (deg): 0.00

Elev From (ft)	Elev To (ft)	Qty	Description	Diameter (in)	Weight (lb/ft)	Flat	Max/ Row	Distance Between Rows(in)	Distance Between Cols(in)	Azimuth (deg)	Distance From Face (in)	Exposed To Wind	Carrier

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LINEAR APPURTENANCE PROPERTIES

Load Case Azimuth (deg): 0.00

Elev From (ft)	Elev To (ft)	Qty	Description	Diameter (in)	Weight (lb/ft)	Flat	Max/ Row	Distance Between Rows(in)	Distance Between Cols(in)	Azimuth (deg)	Distance From Face (in)	Exposed To Wind	Carrier
0.00	170.00	3	1 1/4" Hybriflex Cabl	1.54	1	N	0	0	0	0	0	N	SPRINT NEXTEL
0.00	158.00	6	1 5/8" Coax	1.98	0.82	N	0	0	0	0	0	N	VERIZON WIRELESS
0.00	158.00	2	1 1/4" Hybriflex Cabl	1.54	1	N	0	0	0	0	0	N	VERIZON WIRELESS
0.00	148.00	3	1.99" (50.7mm) Hybrid	1.99	1.9	N	0	0	0	0	0	N	T-MOBILE
0.00	148.00	1	1 1/4" Hybriflex Cabl	1.54	1	N	0	0	0	0	0	N	T-MOBILE
0.00	138.00	1	2" Carflex Non-Metall	2.36	0.68	N	0	0	0	0	0	N	AT&T MOBILITY
0.00	137.00	12	1 1/4" Coax	1.55	0.63	N	0	0	0	0	0	N	AT&T MOBILITY
0.00	137.00	6	0.78" (19.7mm) 8 AWG	0.78	0.59	N	0	0	0	0	0	N	AT&T MOBILITY
0.00	137.00	2	0.39" (10mm) Fiber Tr	0.39	0.06	N	0	0	0	0	0	N	AT&T MOBILITY
0.00	137.00	2	2" Carflex Non-Metall	2.36	0.68	N	0	0	0	0	0	N	AT&T MOBILITY
0.00	124.00	1	1.60" (40.6mm) Hybrid	1.6	2.34	N	0	0	0	0	0	N	DISH WIRELESS L.L.C.
0.00	108.00	1	1/2" Coax	0.63	0.15	N	0	0	0	0	0	N	VERIZON WIRELESS
0.00	95.00	1	1/2" Coax	0.63	0.15	N	0	0	0	0	0	N	SPRINT NEXTEL

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		0.5000	56.910	89.519	35,990.10	18.31	113.82	79.9	1245.6	0.0	0.0
5.00		0.5000	55.875	87.877	34,045.10	17.94	111.75	80.3	1200.1	0.0	1,509.1
10.00		0.5000	54.840	86.234	32,171.50	17.58	109.68	80.7	1155.5	0.0	1,481.2
15.00		0.5000	53.805	84.592	30,367.90	17.21	107.61	81.2	1111.7	0.0	1,453.2
20.00		0.5000	52.770	82.949	28,633.10	16.85	105.54	81.6	1068.7	0.0	1,425.3
25.00		0.5000	51.735	81.307	26,965.50	16.48	103.47	82	1026.6	0.0	1,397.3
30.00		0.5000	50.700	79.664	25,364.10	16.12	101.40	82.4	985.4	0.0	1,369.4
35.00		0.5000	49.665	78.022	23,827.30	15.75	99.33	82.6	944.9	0.0	1,341.4
40.00		0.5000	48.630	76.379	22,353.90	15.39	97.26	82.6	905.4	0.0	1,313.5
42.75	Bot - Section 2	0.5000	48.060	75.476	21,570.00	15.19	96.12	82.6	884.0	0.0	710.5
45.00		0.5000	47.595	74.736	20,942.50	15.02	95.19	82.6	866.7	0.0	1,051.2
49.00	Top - Section 1	0.4063	47.579	60.832	17,102.90	18.89	117.10	79.2	708.0	0.0	1,843.6
50.00		0.4063	47.372	60.565	16,878.70	18.80	116.59	79.3	701.8	0.0	206.5
55.00		0.4063	46.337	59.230	15,787.20	18.35	114.05	79.8	671.1	0.0	1,019.1
60.00		0.4063	45.302	57.895	14,743.80	17.90	111.50	80.4	641.0	0.0	996.4
65.00		0.4063	44.267	56.561	13,747.40	17.45	108.95	80.9	611.7	0.0	973.7
70.00		0.4063	43.232	55.226	12,796.90	17.00	106.40	81.4	583.0	0.0	951.0
75.00		0.4063	42.197	53.891	11,891.30	16.55	103.86	81.9	555.0	0.0	928.3
80.00		0.4063	41.162	52.556	11,029.50	16.10	101.31	82.5	527.8	0.0	905.5
85.00		0.4063	40.127	51.222	10,210.30	15.65	98.76	82.6	501.2	0.0	882.8
87.00	Bot - Section 3	0.4063	39.713	50.688	9,894.30	15.47	97.74	82.6	490.7	0.0	346.8
88.00		0.4063	39.506	50.421	9,738.80	15.38	97.23	82.6	485.5	0.0	320.4
88.50		0.4063	39.402	50.287	9,661.70	15.34	96.98	82.6	483.0	0.0	159.6
90.00		0.4063	39.092	49.887	9,432.70	15.20	96.21	82.6	475.3	0.0	476.2
92.00	Top - Section 2	0.3438	39.365	42.580	8,191.60	18.43	114.50	79.7	409.9	0.0	629.0
95.00		0.3438	38.744	41.902	7,806.60	18.11	112.69	80.1	396.9	0.0	431.2
95.70		0.3438	38.599	41.744	7,718.60	18.03	112.27	80.2	393.9	0.0	99.6
97.00		0.3438	38.330	41.450	7,556.90	17.90	111.49	80.4	388.3	0.0	184.0
100.00		0.3438	37.709	40.773	7,192.20	17.58	109.68	80.7	375.7	0.0	419.7
105.00		0.3438	36.674	39.643	6,611.00	17.05	106.67	81.4	355.0	0.0	684.1
108.00		0.3438	36.053	38.966	6,277.70	16.73	104.87	81.7	343.0	0.0	401.2
110.00		0.3438	35.639	38.514	6,061.90	16.52	103.66	82	335.0	0.0	263.6
115.00		0.3438	34.604	37.384	5,544.10	15.98	100.65	82.6	315.6	0.0	645.7
120.00		0.3438	33.569	36.255	5,056.60	15.45	97.64	82.6	296.7	0.0	626.4
124.00		0.3438	32.741	35.351	4,687.90	15.03	95.23	82.6	282.0	0.0	487.3
125.00		0.3438	32.534	35.126	4,598.60	14.92	94.63	82.6	278.4	0.0	119.9
130.00		0.3438	31.499	33.996	4,169.10	14.39	91.62	82.6	260.7	0.0	588.0
132.00	Bot - Section 4	0.3438	31.085	33.544	4,005.10	14.18	90.42	82.6	253.8	0.0	229.8
135.00		0.3438	30.464	32.867	3,767.30	13.86	88.61	82.6	243.6	0.0	558.7
136.00	Top - Section 3	0.2188	30.695	21.164	2,483.50	22.97	140.29	74.4	159.4	0.0	183.7
137.00		0.2188	30.488	21.020	2,433.20	22.81	139.34	74.6	157.2	0.0	71.8

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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)
140.00			0.2188	29.867	20.589	2,286.50	22.31	136.50	75.2	150.8	0.0	212.4
145.00			0.2188	28.832	19.870	2,055.30	21.47	131.77	76.1	140.4	0.0	344.2
148.00			0.2188	28.211	19.439	1,924.30	20.97	128.93	76.7	134.4	0.0	200.6
150.00			0.2188	27.797	19.151	1,840.20	20.64	127.04	77.1	130.4	0.0	131.3
155.00			0.2188	26.761	18.432	1,640.70	19.80	122.31	78.1	120.8	0.0	319.7
158.00			0.2188	26.140	18.001	1,528.20	19.30	119.47	78.7	115.1	0.0	186.0
160.00			0.2188	25.726	17.714	1,456.10	18.97	117.58	79.1	111.5	0.0	121.5
165.00			0.2188	24.691	16.995	1,286.00	18.14	112.85	80.1	102.6	0.0	295.3
168.00			0.2188	24.070	16.564	1,190.50	17.63	110.01	80.7	97.4	0.0	171.3
170.00			0.2188	23.656	16.276	1,129.60	17.30	108.12	81.1	94.1	0.0	111.7
170.80			0.2188	23.491	16.161	1,105.80	17.17	107.36	81.2	92.7	0.0	44.2
171.00			0.2188	23.449	16.132	1,099.90	17.13	107.17	81.2	92.4	0.0	11.0
171.80			0.2188	23.284	16.017	1,076.60	17.00	106.42	81.4	91.1	0.0	43.8
175.00			0.2188	22.621	15.557	986.50	16.47	103.39	82	85.9	0.0	171.9
178.00			0.2188	22.000	15.126	906.70	15.97	100.55	82.6	81.2	0.0	156.6
											Total:	**32,207.2**

CALCULATED FORCES

Load Case: 1.2D + 1.0W — 119 mph Wind with No Ice — 28 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	-68.38	-41.44	0.00	-5,343.4	0.00	5,343.38	6,434.86	1,571.07	8,004.98	7,461.32	0	0	0.727
5.00	-66.23	-41.05	0.00	-5,136.2	0.00	5,136.18	6,350.74	1,542.24	7,713.96	7,227.49	0.11	-0.21	0.722
10.00	-64.11	-40.67	0.00	-4,930.9	0.00	4,930.91	6,265.35	1,513.41	7,428.32	6,995.84	0.44	-0.42	0.716
15.00	-62.03	-40.29	0.00	-4,727.6	0.00	4,727.56	6,178.70	1,484.59	7,148.07	6,766.48	0.99	-0.63	0.709
20.00	-59.98	-39.91	0.00	-4,526.1	0.00	4,526.11	6,090.77	1,455.76	6,873.21	6,539.47	1.77	-0.85	0.703
25.00	-57.96	-39.54	0.00	-4,326.6	0.00	4,326.55	6,001.58	1,426.93	6,603.74	6,314.89	2.77	-1.07	0.696
30.00	-55.98	-39.16	0.00	-4,128.9	0.00	4,128.87	5,911.12	1,398.11	6,339.66	6,092.84	4.01	-1.29	0.688
35.00	-54.04	-38.76	0.00	-3,933.1	0.00	3,933.08	5,796.61	1,369.28	6,080.96	5,850.41	5.49	-1.52	0.682
40.00	-52.16	-38.43	0.00	-3,739.3	0.00	3,739.27	5,674.58	1,340.45	5,827.66	5,605.46	7.2	-1.75	0.677
42.75	-51.13	-38.22	0.00	-3,633.6	0.00	3,633.58	5,607.46	1,324.60	5,690.63	5,472.97	8.24	-1.87	0.674
45.00	-49.70	-37.93	0.00	-3,547.6	0.00	3,547.60	5,552.55	1,311.63	5,579.74	5,365.75	9.15	-1.98	0.671
49.00	-47.27	-37.65	0.00	-3,395.9	0.00	3,395.87	4,335.44	1,067.60	4,548.90	4,204.89	10.89	-2.17	0.820
50.00	-46.89	-37.42	0.00	-3,358.2	0.00	3,358.22	4,322.18	1,062.91	4,509.07	4,173.47	11.35	-2.22	0.817
55.00	-45.32	-36.99	0.00	-3,171.1	0.00	3,171.13	4,255.09	1,039.49	4,312.54	4,017.36	13.82	-2.49	0.801
60.00	-43.78	-36.55	0.00	-2,986.2	0.00	2,986.20	4,186.73	1,016.06	4,120.39	3,862.97	16.58	-2.77	0.785
65.00	-42.27	-36.10	0.00	-2,803.5	0.00	2,803.46	4,117.10	992.64	3,932.62	3,710.36	19.63	-3.05	0.767
70.00	-40.79	-35.64	0.00	-2,623.0	0.00	2,622.98	4,046.20	969.21	3,749.23	3,559.63	22.97	-3.33	0.748
75.00	-39.35	-35.18	0.00	-2,444.8	0.00	2,444.78	3,974.03	945.79	3,570.22	3,410.85	26.61	-3.61	0.728
80.00	-37.94	-34.71	0.00	-2,268.9	0.00	2,268.89	3,900.60	922.36	3,395.59	3,264.10	30.54	-3.89	0.706
85.00	-36.60	-34.35	0.00	-2,095.4	0.00	2,095.36	3,805.51	898.94	3,225.33	3,102.86	34.77	-4.18	0.686
87.00	-36.06	-34.20	0.00	-2,026.7	0.00	2,026.66	3,765.85	889.57	3,158.45	3,038.19	36.54	-4.29	0.678
88.00	-35.42	-33.85	0.00	-1,992.5	0.00	1,992.47	3,746.02	884.89	3,125.28	3,006.11	37.45	-4.35	0.674
88.50	-35.17	-33.73	0.00	-1,975.5	0.00	1,975.54	3,736.10	882.54	3,108.76	2,990.14	37.9	-4.38	0.672
90.00	-34.50	-33.55	0.00	-1,924.9	0.00	1,924.94	3,706.35	875.52	3,059.45	2,942.46	39.29	-4.46	0.665
92.00	-33.61	-33.28	0.00	-1,857.8	0.00	1,857.85	3,055.31	747.27	2,633.87	2,450.78	41.19	-4.58	0.771
95.00	-32.93	-33.08	0.00	-1,758.0	0.00	1,758.01	3,020.81	735.38	2,550.71	2,384.21	44.11	-4.75	0.750
95.70	-32.75	-32.97	0.00	-1,734.8	0.00	1,734.85	3,012.70	732.61	2,531.50	2,368.75	44.81	-4.79	0.745
97.00	-32.22	-32.53	0.00	-1,692.0	0.00	1,691.99	2,997.56	727.45	2,496.01	2,340.12	46.13	-4.87	0.736
100.00	-31.50	-32.17	0.00	-1,594.4	0.00	1,594.41	2,962.30	715.56	2,415.08	2,274.45	49.25	-5.06	0.714
105.00	-30.40	-31.77	0.00	-1,433.6	0.00	1,433.57	2,902.52	695.74	2,283.15	2,166.26	54.7	-5.36	0.674
108.00	-29.74	-31.50	0.00	-1,338.3	0.00	1,338.27	2,866.04	683.85	2,205.78	2,102.12	58.12	-5.54	0.649
110.00	-29.07	-30.92	0.00	-1,275.3	0.00	1,275.28	2,841.47	675.92	2,154.93	2,059.71	60.46	-5.66	0.631
115.00	-28.02	-30.44	0.00	-1,120.7	0.00	1,120.68	2,777.47	656.10	2,030.42	1,953.71	66.53	-5.94	0.586
120.00	-27.00	-29.99	0.00	-968.5	0.00	968.49	2,693.56	636.27	1,909.61	1,836.87	72.88	-6.21	0.539
124.00	-22.78	-26.81	0.00	-848.5	0.00	848.53	2,626.43	620.42	1,815.63	1,746.00	78.16	-6.41	0.497
125.00	-22.56	-26.56	0.00	-821.7	0.00	821.72	2,609.65	616.45	1,792.50	1,723.64	79.5	-6.46	0.487
130.00	-21.65	-26.17	0.00	-688.9	0.00	688.94	2,525.74	596.63	1,679.10	1,614.02	86.38	-6.69	0.437

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CALCULATED FORCES

132.00	-21.29	-25.93	0.00	-636.6	0.00	636.60	2,492.18	588.70	1,634.78	1,571.17	89.2	-6.78	0.416
135.00	-20.50	-25.68	0.00	-558.8	0.00	558.80	2,441.83	576.81	1,569.41	1,507.99	93.5	-6.91	0.381
136.00	-20.24	-25.57	0.00	-533.1	0.00	533.12	1,416.76	371.43	1,022.39	888.99	94.94	-6.95	0.619
137.00	-15.38	-19.87	0.00	-507.6	0.00	507.56	1,410.85	368.90	1,008.55	879.23	96.4	-6.99	0.591
140.00	-15.04	-19.51	0.00	-448.0	0.00	447.97	1,392.81	361.33	967.59	850.05	100.84	-7.16	0.541
145.00	-14.52	-19.13	0.00	-350.4	0.00	350.41	1,361.73	348.72	901.22	801.85	108.46	-7.41	0.451
148.00	-10.23	-14.75	0.00	-293.0	0.00	293.02	1,342.47	341.15	862.53	773.23	113.14	-7.54	0.388
150.00	-10.06	-14.45	0.00	-263.5	0.00	263.52	1,329.38	336.10	837.20	754.27	116.31	-7.62	0.359
155.00	-9.64	-14.07	0.00	-191.3	0.00	191.27	1,295.76	323.49	775.55	707.39	124.37	-7.8	0.280
158.00	-6.26	-9.04	0.00	-144.4	0.00	144.37	1,274.98	315.92	739.68	679.62	129.29	-7.89	0.218
160.00	-6.14	-8.74	0.00	-126.3	0.00	126.29	1,260.87	310.88	716.25	661.28	132.6	-7.94	0.197
165.00	-5.80	-8.38	0.00	-82.6	0.00	82.57	1,224.71	298.26	659.31	616.03	140.94	-8.04	0.140
168.00	-3.58	-6.48	0.00	-57.4	0.00	57.43	1,202.41	290.69	626.27	589.33	145.99	-8.09	0.101
170.00	-3.45	-6.36	0.00	-44.5	0.00	44.47	1,187.28	285.65	604.72	571.72	149.38	-8.11	0.081
170.80	-3.05	-6.06	0.00	-38.8	0.00	38.81	1,181.18	283.63	596.21	564.73	150.73	-8.12	0.072
171.00	-2.58	-4.37	0.00	-32.9	0.00	32.87	1,179.65	283.12	594.09	562.98	151.07	-8.12	0.061
171.80	-2.33	-3.96	0.00	-28.5	0.00	28.46	1,173.50	281.10	585.65	556.02	152.43	-8.13	0.053
175.00	-2.15	-3.74	0.00	-15.8	0.00	15.78	1,148.59	273.03	552.50	528.44	157.87	-8.15	0.032
178.00	0.00	-3.39	0.00	-4.6	0.00	4.58	1,123.79	265.46	522.30	502.56	162.97	-8.16	0.009

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CALCULATED FORCES

Load Case: 0.9D + 1.0W — 119 mph Wind with No Ice (Reduced DL) — 28 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	-51.27	-41.41	0.00	-5,249.8	0.00	5,249.78	6,434.86	1,571.07	8,004.98	7,461.32	0	0	0.712
5.00	-49.62	-40.96	0.00	-5,042.7	0.00	5,042.74	6,350.74	1,542.24	7,713.96	7,227.49	0.11	-0.2	0.706
10.00	-48.00	-40.52	0.00	-4,838.0	0.00	4,837.95	6,265.35	1,513.41	7,428.32	6,995.84	0.43	-0.41	0.700
15.00	-46.40	-40.08	0.00	-4,635.4	0.00	4,635.38	6,178.70	1,484.59	7,148.07	6,766.48	0.97	-0.62	0.693
20.00	-44.83	-39.64	0.00	-4,435.0	0.00	4,435.00	6,090.77	1,455.76	6,873.21	6,539.47	1.74	-0.83	0.686
25.00	-43.29	-39.22	0.00	-4,236.8	0.00	4,236.78	6,001.58	1,426.93	6,603.74	6,314.89	2.72	-1.05	0.679
30.00	-41.77	-38.79	0.00	-4,040.7	0.00	4,040.70	5,911.12	1,398.11	6,339.66	6,092.84	3.94	-1.27	0.671
35.00	-40.29	-38.35	0.00	-3,846.8	0.00	3,846.76	5,796.61	1,369.28	6,080.96	5,850.41	5.38	-1.49	0.665
40.00	-38.86	-37.99	0.00	-3,655.0	0.00	3,655.02	5,674.58	1,340.45	5,827.66	5,605.46	7.06	-1.71	0.660
42.75	-38.07	-37.75	0.00	-3,550.6	0.00	3,550.56	5,607.46	1,324.60	5,690.63	5,472.97	8.08	-1.84	0.656
45.00	-36.98	-37.44	0.00	-3,465.6	0.00	3,465.63	5,552.55	1,311.63	5,579.74	5,365.75	8.97	-1.94	0.653
49.00	-35.14	-37.16	0.00	-3,315.9	0.00	3,315.86	4,335.44	1,067.60	4,548.90	4,204.89	10.68	-2.13	0.798
50.00	-34.83	-36.89	0.00	-3,278.7	0.00	3,278.70	4,322.18	1,062.91	4,509.07	4,173.47	11.13	-2.17	0.795
55.00	-33.62	-36.42	0.00	-3,094.3	0.00	3,094.26	4,255.09	1,039.49	4,312.54	4,017.36	13.55	-2.44	0.779
60.00	-32.44	-35.93	0.00	-2,912.2	0.00	2,912.18	4,186.73	1,016.06	4,120.39	3,862.97	16.25	-2.71	0.763
65.00	-31.28	-35.44	0.00	-2,732.5	0.00	2,732.52	4,117.10	992.64	3,932.62	3,710.36	19.23	-2.98	0.745
70.00	-30.14	-34.95	0.00	-2,555.3	0.00	2,555.30	4,046.20	969.21	3,749.23	3,559.63	22.5	-3.26	0.727
75.00	-29.03	-34.45	0.00	-2,380.6	0.00	2,380.55	3,974.03	945.79	3,570.22	3,410.85	26.06	-3.53	0.707
80.00	-27.94	-33.95	0.00	-2,208.3	0.00	2,208.29	3,900.60	922.36	3,395.59	3,264.10	29.9	-3.81	0.685
85.00	-26.92	-33.58	0.00	-2,038.5	0.00	2,038.52	3,805.51	898.94	3,225.33	3,102.86	34.03	-4.08	0.665
87.00	-26.52	-33.42	0.00	-1,971.4	0.00	1,971.36	3,765.85	889.57	3,158.45	3,038.19	35.76	-4.19	0.657
88.00	-26.03	-33.08	0.00	-1,937.9	0.00	1,937.94	3,746.02	884.89	3,125.28	3,006.11	36.65	-4.25	0.653
88.50	-25.84	-32.96	0.00	-1,921.4	0.00	1,921.40	3,736.10	882.54	3,108.76	2,990.14	37.09	-4.28	0.651
90.00	-25.33	-32.77	0.00	-1,872.0	0.00	1,871.96	3,706.35	875.52	3,059.45	2,942.46	38.45	-4.36	0.644
92.00	-24.65	-32.50	0.00	-1,806.4	0.00	1,806.42	3,055.31	747.27	2,633.87	2,450.78	40.3	-4.47	0.747
95.00	-24.13	-32.30	0.00	-1,708.9	0.00	1,708.92	3,020.81	735.38	2,550.71	2,384.21	43.16	-4.64	0.727
95.70	-23.99	-32.18	0.00	-1,686.3	0.00	1,686.32	3,012.70	732.61	2,531.50	2,368.75	43.84	-4.68	0.722
97.00	-23.59	-31.72	0.00	-1,644.5	0.00	1,644.48	2,997.56	727.45	2,496.01	2,340.12	45.12	-4.76	0.713
100.00	-23.03	-31.34	0.00	-1,549.3	0.00	1,549.32	2,962.30	715.56	2,415.08	2,274.45	48.17	-4.94	0.691
105.00	-22.19	-30.93	0.00	-1,392.6	0.00	1,392.63	2,902.52	695.74	2,283.15	2,166.26	53.49	-5.23	0.652
108.00	-21.68	-30.65	0.00	-1,299.8	0.00	1,299.85	2,866.04	683.85	2,205.78	2,102.12	56.83	-5.4	0.628
110.00	-21.18	-30.06	0.00	-1,238.6	0.00	1,238.55	2,841.47	675.92	2,154.93	2,059.71	59.12	-5.52	0.611
115.00	-20.37	-29.56	0.00	-1,088.3	0.00	1,088.26	2,777.47	656.10	2,030.42	1,953.71	65.03	-5.79	0.566
120.00	-19.59	-29.11	0.00	-940.4	0.00	940.45	2,693.56	636.27	1,909.61	1,836.87	71.23	-6.05	0.521
124.00	-16.48	-26.05	0.00	-824.0	0.00	824.02	2,626.43	620.42	1,815.63	1,746.00	76.38	-6.25	0.480
125.00	-16.32	-25.78	0.00	-798.0	0.00	797.97	2,609.65	616.45	1,792.50	1,723.64	77.69	-6.3	0.471
130.00	-15.63	-25.41	0.00	-669.1	0.00	669.07	2,525.74	596.63	1,679.10	1,614.02	84.4	-6.53	0.423
132.00	-15.35	-25.16	0.00	-618.3	0.00	618.26	2,492.18	588.70	1,634.78	1,571.17	87.15	-6.61	0.401
135.00	-14.76	-24.92	0.00	-542.8	0.00	542.77	2,441.83	576.81	1,569.41	1,507.99	91.33	-6.74	0.368
136.00	-14.56	-24.82	0.00	-517.8	0.00	517.85	1,416.76	371.43	1,022.39	888.99	92.75	-6.78	0.597
137.00	-11.05	-19.28	0.00	-493.0	0.00	493.03	1,410.85	368.90	1,008.55	879.23	94.17	-6.82	0.571
140.00	-10.79	-18.92	0.00	-435.2	0.00	435.18	1,392.81	361.33	967.59	850.05	98.49	-6.98	0.522
145.00	-10.39	-18.55	0.00	-340.6	0.00	340.56	1,361.73	348.72	901.22	801.85	105.92	-7.22	0.435
148.00	-7.29	-14.33	0.00	-284.9	0.00	284.92	1,342.47	341.15	862.53	773.23	110.49	-7.35	0.376
150.00	-7.16	-14.03	0.00	-256.3	0.00	256.26	1,329.38	336.10	837.20	754.27	113.58	-7.43	0.347
155.00	-6.84	-13.65	0.00	-186.1	0.00	186.13	1,295.76	323.49	775.55	707.39	121.43	-7.6	0.270
158.00	-4.45	-8.77	0.00	-140.5	0.00	140.48	1,274.98	315.92	739.68	679.62	126.23	-7.69	0.211
160.00	-4.36	-8.48	0.00	-122.9	0.00	122.94	1,260.87	310.88	716.25	661.28	129.45	-7.74	0.190
165.00	-4.12	-8.12	0.00	-80.6	0.00	80.57	1,224.71	298.26	659.31	616.03	137.58	-7.84	0.135
168.00	-2.50	-6.31	0.00	-56.2	0.00	56.20	1,202.41	290.69	626.27	589.33	142.51	-7.88	0.098
170.00	-2.41	-6.20	0.00	-43.6	0.00	43.57	1,187.28	285.65	604.72	571.72	145.8	-7.91	0.079
170.80	-2.12	-5.92	0.00	-38.0	0.00	38.05	1,181.18	283.63	596.21	564.73	147.13	-7.91	0.070
171.00	-1.81	-4.25	0.00	-32.1	0.00	32.14	1,179.65	283.12	594.09	562.98	147.46	-7.92	0.059
171.80	-1.63	-3.85	0.00	-27.8	0.00	27.82	1,173.50	281.10	585.65	556.02	148.78	-7.92	0.052
175.00	-1.51	-3.64	0.00	-15.5	0.00	15.49	1,148.59	273.03	552.50	528.44	154.08	-7.94	0.031

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CALCULATED FORCES

178.00	0.00	-3.39	0.00	-4.6	0.00	4.58	1,123.79	265.46	522.30	502.56	159.06	-7.95	0.009

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CALCULATED FORCES

Load Case: 1.2D + 1.0Di + 1.0Wi — 50 mph Wind with 1.5" Radial Ice — 28 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	-104.94	-12.00	0.00	-1,596.7	0.00	1,596.74	6,434.86	1,571.07	8,004.98	7,461.32	0	0	0.230
5.00	-102.46	-11.92	0.00	-1,536.8	0.00	1,536.75	6,350.74	1,542.24	7,713.96	7,227.49	0.03	-0.06	0.229
10.00	-99.96	-11.84	0.00	-1,477.2	0.00	1,477.16	6,265.35	1,513.41	7,428.32	6,995.84	0.13	-0.12	0.227
15.00	-97.48	-11.76	0.00	-1,418.0	0.00	1,417.97	6,178.70	1,484.59	7,148.07	6,766.48	0.3	-0.19	0.225
20.00	-95.03	-11.68	0.00	-1,359.2	0.00	1,359.18	6,090.77	1,455.76	6,873.21	6,539.47	0.53	-0.25	0.224
25.00	-92.60	-11.60	0.00	-1,300.8	0.00	1,300.78	6,001.58	1,426.93	6,603.74	6,314.89	0.83	-0.32	0.221
30.00	-90.22	-11.52	0.00	-1,242.8	0.00	1,242.79	5,911.12	1,398.11	6,339.66	6,092.84	1.2	-0.39	0.219
35.00	-87.86	-11.43	0.00	-1,185.2	0.00	1,185.20	5,796.61	1,369.28	6,080.96	5,850.41	1.64	-0.46	0.218
40.00	-85.55	-11.35	0.00	-1,128.0	0.00	1,128.04	5,674.58	1,340.45	5,827.66	5,605.46	2.16	-0.52	0.216
42.75	-84.29	-11.30	0.00	-1,096.8	0.00	1,096.82	5,607.46	1,324.60	5,690.63	5,472.97	2.47	-0.56	0.216
45.00	-82.69	-11.24	0.00	-1,071.4	0.00	1,071.39	5,552.55	1,311.63	5,579.74	5,365.75	2.74	-0.6	0.215
49.00	-79.89	-11.17	0.00	-1,026.4	0.00	1,026.43	4,335.44	1,067.60	4,548.90	4,204.89	3.27	-0.65	0.263
50.00	-79.49	-11.12	0.00	-1,015.3	0.00	1,015.27	4,322.18	1,062.91	4,509.07	4,173.47	3.41	-0.67	0.262
55.00	-77.54	-11.02	0.00	-959.7	0.00	959.67	4,255.09	1,039.49	4,312.54	4,017.36	4.15	-0.75	0.257
60.00	-75.61	-10.93	0.00	-904.6	0.00	904.55	4,186.73	1,016.06	4,120.39	3,862.97	4.98	-0.83	0.252
65.00	-73.73	-10.82	0.00	-849.9	0.00	849.92	4,117.10	992.64	3,932.62	3,710.36	5.9	-0.92	0.247
70.00	-71.88	-10.71	0.00	-795.8	0.00	795.82	4,046.20	969.21	3,749.23	3,559.63	6.91	-1	0.241
75.00	-70.07	-10.60	0.00	-742.2	0.00	742.24	3,974.03	945.79	3,570.22	3,410.85	8	-1.09	0.235
80.00	-68.29	-10.49	0.00	-689.2	0.00	689.22	3,900.60	922.36	3,395.59	3,264.10	9.19	-1.18	0.229
85.00	-66.55	-10.40	0.00	-636.8	0.00	636.77	3,805.51	898.94	3,225.33	3,102.86	10.47	-1.26	0.223
87.00	-65.87	-10.36	0.00	-616.0	0.00	615.98	3,765.85	889.57	3,158.45	3,038.19	11	-1.3	0.220
88.00	-65.04	-10.26	0.00	-605.6	0.00	605.62	3,746.02	884.89	3,125.28	3,006.11	11.28	-1.31	0.219
88.50	-64.74	-10.23	0.00	-600.5	0.00	600.49	3,736.10	882.54	3,108.76	2,990.14	11.41	-1.32	0.218
90.00	-63.97	-10.19	0.00	-585.1	0.00	585.14	3,706.35	875.52	3,059.45	2,942.46	11.83	-1.35	0.216
92.00	-62.94	-10.12	0.00	-564.8	0.00	564.77	3,055.31	747.27	2,633.87	2,450.78	12.41	-1.38	0.251
95.00	-62.02	-10.07	0.00	-534.4	0.00	534.41	3,020.81	735.38	2,550.71	2,384.21	13.29	-1.43	0.245
95.70	-61.77	-10.04	0.00	-527.4	0.00	527.37	3,012.70	732.61	2,531.50	2,368.75	13.5	-1.45	0.243
97.00	-61.07	-9.92	0.00	-514.3	0.00	514.32	2,997.56	727.45	2,496.01	2,340.12	13.9	-1.47	0.240
100.00	-60.17	-9.84	0.00	-484.6	0.00	484.55	2,962.30	715.56	2,415.08	2,274.45	14.84	-1.53	0.234
105.00	-58.70	-9.73	0.00	-435.4	0.00	435.38	2,902.52	695.74	2,283.15	2,166.26	16.5	-1.62	0.221
108.00	-57.80	-9.66	0.00	-406.2	0.00	406.19	2,866.04	683.85	2,205.78	2,102.12	17.53	-1.67	0.214
110.00	-56.92	-9.51	0.00	-386.9	0.00	386.87	2,841.47	675.92	2,154.93	2,059.71	18.24	-1.71	0.208
115.00	-55.52	-9.38	0.00	-339.4	0.00	339.35	2,777.47	656.10	2,030.42	1,953.71	20.08	-1.8	0.194
120.00	-54.16	-9.25	0.00	-292.5	0.00	292.47	2,693.56	636.27	1,909.61	1,836.87	22	-1.88	0.180
124.00	-46.76	-8.22	0.00	-255.5	0.00	255.47	2,626.43	620.42	1,815.63	1,746.00	23.6	-1.94	0.164
125.00	-46.50	-8.15	0.00	-247.2	0.00	247.24	2,609.65	616.45	1,792.50	1,723.64	24.01	-1.95	0.161
130.00	-45.23	-8.04	0.00	-206.5	0.00	206.47	2,525.74	596.63	1,679.10	1,614.02	26.09	-2.02	0.146
132.00	-44.72	-7.97	0.00	-190.4	0.00	190.40	2,492.18	588.70	1,634.78	1,571.17	26.95	-2.05	0.139
135.00	-43.71	-7.89	0.00	-166.5	0.00	166.50	2,441.83	576.81	1,569.41	1,507.99	28.25	-2.09	0.129
136.00	-43.38	-7.85	0.00	-158.6	0.00	158.62	1,416.76	371.43	1,022.39	888.99	28.69	-2.1	0.209
137.00	-33.20	-6.02	0.00	-150.8	0.00	150.76	1,410.85	368.90	1,008.55	879.23	29.13	-2.11	0.195
140.00	-32.66	-5.92	0.00	-132.7	0.00	132.70	1,392.81	361.33	967.59	850.05	30.47	-2.16	0.180
145.00	-31.79	-5.79	0.00	-103.1	0.00	103.13	1,361.73	348.72	901.22	801.85	32.78	-2.24	0.152
148.00	-23.41	-4.43	0.00	-85.8	0.00	85.75	1,342.47	341.15	862.53	773.23	34.19	-2.28	0.129
150.00	-23.09	-4.33	0.00	-76.9	0.00	76.89	1,329.38	336.10	837.20	754.27	35.15	-2.3	0.119
155.00	-22.31	-4.20	0.00	-55.2	0.00	55.24	1,295.76	323.49	775.55	707.39	37.59	-2.35	0.095
158.00	-14.10	-2.74	0.00	-41.6	0.00	41.64	1,274.98	315.92	739.68	679.62	39.07	-2.38	0.072
160.00	-13.82	-2.64	0.00	-36.2	0.00	36.15	1,260.87	310.88	716.25	661.28	40.07	-2.39	0.066
165.00	-13.13	-2.51	0.00	-23.0	0.00	22.95	1,224.71	298.26	659.31	616.03	42.59	-2.42	0.048
168.00	-9.74	-1.86	0.00	-15.4	0.00	15.43	1,202.41	290.69	626.27	589.33	44.11	-2.43	0.034
170.00	-9.48	-1.82	0.00	-11.7	0.00	11.70	1,187.28	285.65	604.72	571.72	45.13	-2.44	0.028
170.80	-8.66	-1.71	0.00	-10.1	0.00	10.10	1,181.18	283.63	596.21	564.73	45.54	-2.44	0.025
171.00	-6.62	-1.25	0.00	-8.7	0.00	8.66	1,179.65	283.12	594.09	562.98	45.65	-2.44	0.021
171.80	-6.00	-1.12	0.00	-7.4	0.00	7.44	1,173.50	281.10	585.65	556.02	46.05	-2.44	0.019
175.00	-5.61	-1.03	0.00	-3.8	0.00	3.85	1,148.59	273.03	552.50	528.44	47.69	-2.45	0.012

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CALCULATED FORCES													
178.00	0.00	-0.79	0.00	-0.8	0.00	0.76	1,123.79	265.46	522.30	502.56	49.23	-2.45	0.002

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CALCULATED FORCES

Load Case: 1.0D + 1.0W 60 mph Wind with No Ice 26 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	-57.05	-9.42	0.00	-1,204.0	0.00	1,203.99	6,434.86	1,571.07	8,004.98	7,461.32	0	0	0.170
5.00	-55.37	-9.32	0.00	-1,156.9	0.00	1,156.89	6,350.74	1,542.24	7,713.96	7,227.49	0.03	-0.05	0.169
10.00	-53.72	-9.23	0.00	-1,110.3	0.00	1,110.28	6,265.35	1,513.41	7,428.32	6,995.84	0.1	-0.09	0.167
15.00	-52.09	-9.13	0.00	-1,064.2	0.00	1,064.15	6,178.70	1,484.59	7,148.07	6,766.48	0.22	-0.14	0.166
20.00	-50.50	-9.04	0.00	-1,018.5	0.00	1,018.50	6,090.77	1,455.76	6,873.21	6,539.47	0.4	-0.19	0.164
25.00	-48.93	-8.95	0.00	-973.3	0.00	973.31	6,001.58	1,426.93	6,603.74	6,314.89	0.62	-0.24	0.162
30.00	-47.39	-8.85	0.00	-928.6	0.00	928.58	5,911.12	1,398.11	6,339.66	6,092.84	0.9	-0.29	0.160
35.00	-45.88	-8.76	0.00	-884.3	0.00	884.32	5,796.61	1,369.28	6,080.96	5,850.41	1.24	-0.34	0.159
40.00	-44.40	-8.68	0.00	-840.5	0.00	840.54	5,674.58	1,340.45	5,827.66	5,605.46	1.62	-0.39	0.158
42.75	-43.60	-8.63	0.00	-816.7	0.00	816.68	5,607.46	1,324.60	5,690.63	5,472.97	1.86	-0.42	0.157
45.00	-42.47	-8.56	0.00	-797.3	0.00	797.27	5,552.55	1,311.63	5,579.74	5,365.75	2.06	-0.45	0.156
49.00	-40.49	-8.49	0.00	-763.0	0.00	763.04	4,335.44	1,067.60	4,548.90	4,204.89	2.45	-0.49	0.191
50.00	-40.25	-8.44	0.00	-754.6	0.00	754.55	4,322.18	1,062.91	4,509.07	4,173.47	2.55	-0.5	0.190
55.00	-39.06	-8.33	0.00	-712.4	0.00	712.37	4,255.09	1,039.49	4,312.54	4,017.36	3.11	-0.56	0.187
60.00	-37.89	-8.23	0.00	-670.7	0.00	670.70	4,186.73	1,016.06	4,120.39	3,862.97	3.73	-0.62	0.183
65.00	-36.75	-8.12	0.00	-629.6	0.00	629.56	4,117.10	992.64	3,932.62	3,710.36	4.42	-0.69	0.179
70.00	-35.63	-8.01	0.00	-589.0	0.00	588.95	4,046.20	969.21	3,749.23	3,559.63	5.17	-0.75	0.174
75.00	-34.53	-7.91	0.00	-548.9	0.00	548.87	3,974.03	945.79	3,570.22	3,410.85	5.99	-0.81	0.170
80.00	-33.45	-7.80	0.00	-509.3	0.00	509.34	3,900.60	922.36	3,395.59	3,264.10	6.87	-0.88	0.165
85.00	-32.40	-7.71	0.00	-470.4	0.00	470.36	3,805.51	898.94	3,225.33	3,102.86	7.82	-0.94	0.160
87.00	-31.99	-7.68	0.00	-454.9	0.00	454.93	3,765.85	889.57	3,158.45	3,038.19	8.22	-0.96	0.158
88.00	-31.45	-7.60	0.00	-447.2	0.00	447.25	3,746.02	884.89	3,125.28	3,006.11	8.43	-0.98	0.157
88.50	-31.26	-7.58	0.00	-443.4	0.00	443.45	3,736.10	882.54	3,108.76	2,990.14	8.53	-0.98	0.157
90.00	-30.74	-7.53	0.00	-432.1	0.00	432.09	3,706.35	875.52	3,059.45	2,942.46	8.84	-1	0.155
92.00	-30.04	-7.47	0.00	-417.0	0.00	417.02	3,055.31	747.27	2,633.87	2,450.78	9.27	-1.03	0.180
95.00	-29.51	-7.43	0.00	-394.6	0.00	394.60	3,020.81	735.38	2,550.71	2,384.21	9.93	-1.07	0.175
95.70	-29.37	-7.40	0.00	-389.4	0.00	389.40	3,012.70	732.61	2,531.50	2,368.75	10.08	-1.08	0.174
97.00	-28.96	-7.30	0.00	-379.8	0.00	379.78	2,997.56	727.45	2,496.01	2,340.12	10.38	-1.1	0.172
100.00	-28.44	-7.22	0.00	-357.9	0.00	357.88	2,962.30	715.56	2,415.08	2,274.45	11.08	-1.14	0.167
105.00	-27.59	-7.13	0.00	-321.8	0.00	321.79	2,902.52	695.74	2,283.15	2,166.26	12.31	-1.2	0.158
108.00	-27.08	-7.07	0.00	-300.4	0.00	300.41	2,866.04	683.85	2,205.78	2,102.12	13.08	-1.24	0.152
110.00	-26.56	-6.93	0.00	-286.3	0.00	286.28	2,841.47	675.92	2,154.93	2,059.71	13.6	-1.27	0.148
115.00	-25.75	-6.82	0.00	-251.6	0.00	251.61	2,777.47	656.10	2,030.42	1,953.71	14.97	-1.33	0.138
120.00	-24.96	-6.72	0.00	-217.5	0.00	217.49	2,693.56	636.27	1,909.61	1,836.87	16.4	-1.39	0.128
124.00	-21.22	-6.02	0.00	-190.6	0.00	190.60	2,626.43	620.42	1,815.63	1,746.00	17.59	-1.44	0.117
125.00	-21.07	-5.96	0.00	-184.6	0.00	184.58	2,609.65	616.45	1,792.50	1,723.64	17.89	-1.45	0.115
130.00	-20.33	-5.87	0.00	-154.8	0.00	154.80	2,525.74	596.63	1,679.10	1,614.02	19.44	-1.5	0.104
132.00	-20.04	-5.82	0.00	-143.0	0.00	143.05	2,492.18	588.70	1,634.78	1,571.17	20.07	-1.52	0.099
135.00	-19.39	-5.76	0.00	-125.6	0.00	125.60	2,441.83	576.81	1,569.41	1,507.99	21.04	-1.55	0.091
136.00	-19.18	-5.74	0.00	-119.8	0.00	119.84	1,416.76	371.43	1,022.39	888.99	21.37	-1.56	0.149
137.00	-14.64	-4.46	0.00	-114.1	0.00	114.10	1,410.85	368.90	1,008.55	879.23	21.7	-1.57	0.140
140.00	-14.38	-4.38	0.00	-100.7	0.00	100.72	1,392.81	361.33	967.59	850.05	22.7	-1.61	0.129
145.00	-13.95	-4.29	0.00	-78.8	0.00	78.82	1,361.73	348.72	901.22	801.85	24.41	-1.66	0.109
148.00	-9.98	-3.32	0.00	-65.9	0.00	65.93	1,342.47	341.15	862.53	773.23	25.47	-1.69	0.093
150.00	-9.83	-3.25	0.00	-59.3	0.00	59.30	1,329.38	336.10	837.20	754.27	26.18	-1.71	0.086
155.00	-9.46	-3.16	0.00	-43.1	0.00	43.06	1,295.76	323.49	775.55	707.39	28	-1.75	0.068
158.00	-6.15	-2.03	0.00	-32.5	0.00	32.51	1,274.98	315.92	739.68	679.62	29.11	-1.77	0.053
160.00	-6.02	-1.96	0.00	-28.4	0.00	28.44	1,260.87	310.88	716.25	661.28	29.85	-1.78	0.048
165.00	-5.71	-1.88	0.00	-18.6	0.00	18.62	1,224.71	298.26	659.31	616.03	31.73	-1.81	0.035
168.00	-3.67	-1.46	0.00	-13.0	0.00	12.97	1,202.41	290.69	626.27	589.33	32.87	-1.82	0.025
170.00	-3.55	-1.43	0.00	-10.0	0.00	10.05	1,187.28	285.65	604.72	571.72	33.63	-1.82	0.021
170.80	-3.19	-1.37	0.00	-8.8	0.00	8.77	1,181.18	283.63	596.21	564.73	33.94	-1.82	0.018
171.00	-2.61	-0.98	0.00	-7.4	0.00	7.42	1,179.65	283.12	594.09	562.98	34.02	-1.83	0.015
171.80	-2.36	-0.89	0.00	-6.4	0.00	6.42	1,173.50	281.10	585.65	556.02	34.32	-1.83	0.014
175.00	-2.19	-0.84	0.00	-3.6	0.00	3.57	1,148.59	273.03	552.50	528.44	35.55	-1.83	0.009

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CALCULATED FORCES													
178.00	0.00	-0.77	0.00	-1.0	0.00	1.04	1,123.79	265.46	522.30	502.56	36.7	-1.83	0.002

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EQUIVALENT LATERAL FORCES METHOD ANALYSIS

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

Spectral Response Acceleration for Short Period (S_S):	0.193
Spectral Response Acceleration at 1.0 Second Period (S_1):	0.055
Long-Period Transition Period (T_L – Seconds):	6
Importance Factor (I_e):	1.000
Site Coefficient F_a:	1.600
Site Coefficient F_v:	2.400
Response Modification Coefficient (R):	1.500
Design Spectral Response Acceleration at Short Period (S_{ds}):	0.206
Design Spectral Response Acceleration at 1.0 Second Period (S_{d1}):	0.088
Seismic Response Coefficient (C_s):	0.030
Upper Limit C_S:	0.030
Lower Limit C_S:	0.030
Period based on Rayleigh Method (sec):	3.090
Redundancy Factor (p):	1.000
Seismic Force Distribution Exponent (k):	2.000
Total Unfactored Dead Load:	57.050 k
Seismic Base Shear (E):	1.710 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)
55	176.5	157	4,879	0.007	12	194
54	173.4	172	5,169	0.008	13	213
53	171.4	44	1,286	0.002	3	54
52	170.9	11	321	0.000	1	14
51	170.4	44	1,282	0.002	3	55
50	169	118	3,363	0.005	8	146
49	166.5	180	4,998	0.007	13	224
48	162.5	310	8,193	0.012	21	385
47	159	128	3,224	0.005	8	158
46	156.5	216	5,284	0.008	13	268
45	152.5	369	8,589	0.013	22	458
44	149	151	3,356	0.005	8	188
43	146.5	250	5,376	0.008	13	311
42	142.5	427	8,676	0.013	22	530
41	138.5	263	5,043	0.007	13	326
40	136.5	102	1,894	0.003	5	126
39	135.5	214	3,922	0.006	10	265
38	133.5	648	11,555	0.017	29	805
37	131	290	4,970	0.007	12	359
36	127.5	737	11,988	0.018	30	915
35	124.5	150	2,322	0.003	6	186
34	122	616	9,172	0.013	23	765
33	117.5	788	10,873	0.016	27	977
32	112.5	807	10,211	0.015	26	1,001
31	109	328	3,898	0.006	10	407
30	106.5	498	5,652	0.008	14	619
29	102.5	846	8,888	0.013	22	1,050
28	98.5	517	5,014	0.007	13	641
27	96.35	226	2,099	0.003	5	281
26	95.35	122	1,112	0.002	3	152
25	93.5	529	4,623	0.007	12	656
24	91	694	5,747	0.008	14	861
23	89.25	525	4,181	0.006	10	652
22	88.25	176	1,369	0.002	3	218
21	87.5	353	2,702	0.004	7	438
20	86	412	3,046	0.004	8	511
19	82.5	1,045	7,115	0.010	18	1,298
18	77.5	1,068	6,416	0.009	16	1,326

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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)
17	72.5	1,091	5,734	0.008	14	1,354
16	67.5	1,114	5,074	0.007	13	1,382
15	62.5	1,136	4,439	0.006	11	1,410
14	57.5	1,159	3,832	0.006	10	1,438
13	52.5	1,182	3,257	0.005	8	1,467
12	49.5	239	586	0.001	1	297
11	47	1,974	4,360	0.006	11	2,450
10	43.875	1,124	2,165	0.003	5	1,396
9	41.375	800	1,369	0.002	3	993
8	37.5	1,476	2,076	0.003	5	1,832
7	32.5	1,504	1,589	0.002	4	1,867
6	27.5	1,532	1,159	0.002	3	1,901
5	22.5	1,560	790	0.001	2	1,936
4	17.5	1,588	486	0.001	1	1,971
3	12.5	1,616	252	0.000	1	2,005
2	7.5	1,644	92	0.000	0	2,040
1	2.5	1,672	10	0.000	0	2,075
Powerwave Allgon 7120.16.05.00 / A-800-110-13I-0-N	178	185	5,855	0.009	15	229
Generic Flat Low Profile Platform	178	1,875	59,408	0.087	149	2,327
Generic Flat Low Profile Platform	168	1,875	52,920	0.077	132	2,327
Alcatel-Lucent TD-RRH8x20-25 w/ Solar Shield	171.8	210	6,198	0.009	16	261
Alcatel-Lucent 1900 MHz 4X45 RRH	171	180	5,263	0.008	13	223
RFS APXVTM14-ALU-I20	171	169	4,930	0.007	12	209
Commscope NNVV-65B-R4	171	232	6,790	0.010	17	288
Alcatel-Lucent RRH2x50-08	170.8	317	9,259	0.014	23	394
Kaelus KA-6030	158	35	879	0.001	2	44
Samsung B2/B66A RRH ORAN (RF 4439d-25A)	158	224	5,594	0.008	14	278
Samsung B5/B13 RRH ORAN (RF4440d-13A)	158	211	5,265	0.008	13	262
Raycap RxxDC-3315-PF-48	158	43	1,068	0.002	3	53
Samsung MT6407-77A	158	245	6,111	0.009	15	304
Antel LPA-80080/4CF ___	158	72	1,797	0.003	4	89
Andrew SBNHH-1D65B	158	304	7,594	0.011	19	378
SitePro1 RMQP w/ HRK12 Round Platform with Handrails	158	2,000	49,928	0.073	125	2,482
Ericsson Radio 4449 B12,B71	148	222	4,863	0.007	12	276
Ericsson 4460 BAND 2/25	148	327	7,163	0.010	18	406
Ericsson Air6449 B41	148	312	6,834	0.010	17	387
RFS APXVAARR24_43-U-NA20	148	384	8,405	0.012	21	476
Generic Round Platform with Handrails	148	2,500	54,760	0.080	137	3,103
Generic Round Platform with Handrails	137	2,500	46,922	0.069	117	3,103
Generic Round Platform with Handrails	124	2,500	38,440	0.056	96	3,103
LGP Allgon LGP21903	137	33	619	0.001	2	41
Powerwave Allgon LGP21401	137	85	1,588	0.002	4	105
Raycap DC6-48-60-18-8F ("Squid")	137	57	1,064	0.002	3	70
Ericsson RRUS 8843 B2, B66A	137	216	4,054	0.006	10	268
Ericsson RRUS 4478 B14	137	180	3,373	0.005	8	223
Ericsson RRUS 4449 B5, B12	137	213	3,998	0.006	10	264
Generic Mount Reinforcement	137	600	11,261	0.016	28	745
Powerwave Allgon 7770.00	137	105	1,971	0.003	5	130
CCI DMP65R-BU6DA	137	476	8,942	0.013	22	591
Commscope RDIDC-9181-PF-48	124	22	337	0.000	1	27
Fujitsu TA08025-B605	124	225	3,460	0.005	9	279
Fujitsu TA08025-B604	124	192	2,948	0.004	7	238
JMA Wireless MX08FRO665-21	124	194	2,975	0.004	7	240
Generic Round Stand-Off	110	188	2,269	0.003	6	233
Generic Round Stand-Off	97	188	1,764	0.003	4	233
Generic Round Stand-Off	88	188	1,452	0.002	4	233
Generic GPS	108	10	117	0.000	0	12
Generic GPS	95.7	10	92	0.000	0	12
Generic GPS	88.5	10	78	0.000	0	12
	Totals:	**57,051**	**683,681**	**1.000**	**1,712**	**70,810**

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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)
55	176.5	157	4,879	0.007	12	135
54	173.4	172	5,169	0.008	13	148
53	171.4	44	1,286	0.002	3	38
52	170.9	11	321	0.000	1	9
51	170.4	44	1,282	0.002	3	38
50	169	118	3,363	0.005	8	101
49	166.5	180	4,998	0.007	13	155
48	162.5	310	8,193	0.012	21	266
47	159	128	3,224	0.005	8	110
46	156.5	216	5,284	0.008	13	185
45	152.5	369	8,589	0.013	22	317
44	149	151	3,356	0.005	8	130
43	146.5	250	5,376	0.008	13	215
42	142.5	427	8,676	0.013	22	367
41	138.5	263	5,043	0.007	13	226
40	136.5	102	1,894	0.003	5	87
39	135.5	214	3,922	0.006	10	183
38	133.5	648	11,555	0.017	29	557
37	131	290	4,970	0.007	12	249
36	127.5	737	11,988	0.018	30	633
35	124.5	150	2,322	0.003	6	129
34	122	616	9,172	0.013	23	529
33	117.5	788	10,873	0.016	27	676
32	112.5	807	10,211	0.015	26	693
31	109	328	3,898	0.006	10	282
30	106.5	498	5,652	0.008	14	428
29	102.5	846	8,888	0.013	22	727
28	98.5	517	5,014	0.007	13	444
27	96.35	226	2,099	0.003	5	194
26	95.35	122	1,112	0.002	3	105
25	93.5	529	4,623	0.007	12	454
24	91	694	5,747	0.008	14	596
23	89.25	525	4,181	0.006	10	451
22	88.25	176	1,369	0.002	3	151
21	87.5	353	2,702	0.004	7	303
20	86	412	3,046	0.004	8	354
19	82.5	1,045	7,115	0.010	18	898
18	77.5	1,068	6,416	0.009	16	917
17	72.5	1,091	5,734	0.008	14	937
16	67.5	1,114	5,074	0.007	13	956
15	62.5	1,136	4,439	0.006	11	976
14	57.5	1,159	3,832	0.006	10	995
13	52.5	1,182	3,257	0.005	8	1,015
12	49.5	239	586	0.001	1	205
11	47	1,974	4,360	0.006	11	1,695
10	43.875	1,124	2,165	0.003	5	966
9	41.375	800	1,369	0.002	3	687
8	37.5	1,476	2,076	0.003	5	1,268
7	32.5	1,504	1,589	0.002	4	1,292
6	27.5	1,532	1,159	0.002	3	1,316
5	22.5	1,560	790	0.001	2	1,340
4	17.5	1,588	486	0.001	1	1,364
3	12.5	1,616	252	0.000	1	1,388
2	7.5	1,644	92	0.000	0	1,412
1	2.5	1,672	10	0.000	0	1,436
Powerwave Allgon 7120.16.05.00 / A-800-110-13I-0-N	178	185	5,855	0.009	15	159
Generic Flat Low Profile Platform	178	1,875	59,408	0.087	149	1,610
Generic Flat Low Profile Platform	168	1,875	52,920	0.077	132	1,610
Alcatel-Lucent TD-RRH8x20-25 w/ Solar Shield	171.8	210	6,198	0.009	16	180
Alcatel-Lucent 1900 MHz 4X45 RRH	171	180	5,263	0.008	13	155

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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)
RFS APXVTM14-ALU-I20	171	169	4,930	0.007	12	145
Commscope NNVV-65B-R4	171	232	6,790	0.010	17	199
Alcatel-Lucent RRH2x50-08	170.8	317	9,259	0.014	23	273
Kaelus KA-6030	158	35	879	0.001	2	30
Samsung B2/B66A RRH ORAN (RF 4439d-25A)	158	224	5,594	0.008	14	192
Samsung B5/B13 RRH ORAN (RF4440d-13A)	158	211	5,265	0.008	13	181
Raycap RxxDC-3315-PF-48	158	43	1,068	0.002	3	37
Samsung MT6407-77A	158	245	6,111	0.009	15	210
Antel LPA-80080/4CF ___	158	72	1,797	0.003	4	62
Andrew SBNHH-1D65B	158	304	7,594	0.011	19	261
SitePro1 RMQP w/ HRK12 Round Platform with Handrails	158	2,000	49,928	0.073	125	1,718
Ericsson Radio 4449 B12,B71	148	222	4,863	0.007	12	191
Ericsson 4460 BAND 2/25	148	327	7,163	0.010	18	281
Ericsson Air6449 B41	148	312	6,834	0.010	17	268
RFS APXVAARR24_43-U-NA20	148	384	8,405	0.012	21	330
Generic Round Platform with Handrails	148	2,500	54,760	0.080	137	2,147
Generic Round Platform with Handrails	137	2,500	46,922	0.069	117	2,147
Generic Round Platform with Handrails	124	2,500	38,440	0.056	96	2,147
LGP Allgon LGP21903	137	33	619	0.001	2	28
Powerwave Allgon LGP21401	137	85	1,588	0.002	4	73
Raycap DC6-48-60-18-8F ("Squid")	137	57	1,064	0.002	3	49
Ericsson RRUS 8843 B2, B66A	137	216	4,054	0.006	10	186
Ericsson RRUS 4478 B14	137	180	3,373	0.005	8	154
Ericsson RRUS 4449 B5, B12	137	213	3,998	0.006	10	183
Generic Mount Reinforcement	137	600	11,261	0.016	28	515
Powerwave Allgon 7770.00	137	105	1,971	0.003	5	90
CCI DMP65R-BU6DA	137	476	8,942	0.013	22	409
Commscope RDIDC-9181-PF-48	124	22	337	0.000	1	19
Fujitsu TA08025-B605	124	225	3,460	0.005	9	193
Fujitsu TA08025-B604	124	192	2,948	0.004	7	165
JMA Wireless MX08FRO665-21	124	194	2,975	0.004	7	166
Generic Round Stand-Off	110	188	2,269	0.003	6	161
Generic Round Stand-Off	97	188	1,764	0.003	4	161
Generic Round Stand-Off	88	188	1,452	0.002	4	161
Generic GPS	108	10	117	0.000	0	9
Generic GPS	95.7	10	92	0.000	0	9
Generic GPS	88.5	10	78	0.000	0	9
	Totals:	**57,051**	**683,681**	**1.000**	**1,712**	**48,997**

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	-68.73	-1.72	0.00	-255.67	0.00	255.67	6,434.86	1,571.07	8,005	7,461.32	0.00	0.00	0.05
5.00	-66.69	-1.73	0.00	-247.08	0.00	247.08	6,350.74	1,542.24	7,714	7,227.49	0.01	-0.01	0.05
10.00	-64.69	-1.74	0.00	-238.45	0.00	238.45	6,265.35	1,513.41	7,428	6,995.84	0.02	-0.02	0.04
15.00	-62.72	-1.75	0.00	-229.76	0.00	229.76	6,178.70	1,484.59	7,148	6,766.48	0.05	-0.03	0.04
20.00	-60.78	-1.76	0.00	-221.02	0.00	221.02	6,090.77	1,455.76	6,873	6,539.47	0.09	-0.04	0.04
25.00	-58.88	-1.76	0.00	-212.24	0.00	212.24	6,001.58	1,426.93	6,604	6,314.89	0.13	-0.05	0.04
30.00	-57.01	-1.77	0.00	-203.43	0.00	203.43	5,911.12	1,398.11	6,340	6,092.84	0.19	-0.06	0.04
35.00	-55.18	-1.77	0.00	-194.59	0.00	194.59	5,796.61	1,369.28	6,081	5,850.41	0.27	-0.07	0.04
40.00	-54.19	-1.77	0.00	-185.74	0.00	185.74	5,674.58	1,340.45	5,828	5,605.46	0.35	-0.09	0.04
42.75	-52.79	-1.77	0.00	-180.86	0.00	180.86	5,607.46	1,324.60	5,691	5,472.97	0.40	-0.09	0.04
45.00	-50.34	-1.76	0.00	-176.87	0.00	176.87	5,552.55	1,311.63	5,580	5,365.75	0.44	-0.10	0.04
49.00	-50.04	-1.77	0.00	-169.81	0.00	169.81	4,335.44	1,067.60	4,549	4,204.89	0.53	-0.11	0.05
50.00	-48.58	-1.76	0.00	-168.05	0.00	168.05	4,322.18	1,062.91	4,509	4,173.47	0.55	-0.11	0.05
55.00	-47.14	-1.76	0.00	-159.23	0.00	159.23	4,255.09	1,039.49	4,313	4,017.36	0.67	-0.12	0.05
60.00	-45.73	-1.76	0.00	-150.42	0.00	150.42	4,186.73	1,016.06	4,120	3,862.97	0.81	-0.14	0.05
65.00	-44.34	-1.75	0.00	-141.63	0.00	141.63	4,117.10	992.64	3,933	3,710.36	0.96	-0.15	0.05

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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
70.00	-42.99	-1.75	0.00	-132.86	0.00	132.86	4,046.20	969.21	3,749	3,559.63	1.13	-0.16	0.05
75.00	-41.66	-1.74	0.00	-124.13	0.00	124.13	3,974.03	945.79	3,570	3,410.85	1.31	-0.18	0.05
80.00	-40.37	-1.72	0.00	-115.44	0.00	115.44	3,900.60	922.36	3,396	3,264.10	1.50	-0.19	0.05
85.00	-39.86	-1.72	0.00	-106.82	0.00	106.82	3,805.51	898.94	3,225	3,102.86	1.71	-0.21	0.05
87.00	-39.42	-1.72	0.00	-103.38	0.00	103.38	3,765.85	889.57	3,158	3,038.19	1.80	-0.21	0.04
88.00	-38.97	-1.71	0.00	-101.66	0.00	101.66	3,746.02	884.89	3,125	3,006.11	1.84	-0.22	0.04
88.50	-38.30	-1.70	0.00	-100.80	0.00	100.80	3,736.10	882.54	3,109	2,990.14	1.87	-0.22	0.04
90.00	-37.44	-1.68	0.00	-98.26	0.00	98.26	3,706.35	875.52	3,059	2,942.46	1.94	-0.22	0.04
92.00	-36.78	-1.67	0.00	-94.89	0.00	94.89	3,055.31	747.27	2,634	2,450.78	2.03	-0.23	0.05
95.00	-36.63	-1.67	0.00	-89.86	0.00	89.86	3,020.81	735.38	2,551	2,384.21	2.18	-0.24	0.05
95.70	-36.34	-1.67	0.00	-88.69	0.00	88.69	3,012.70	732.61	2,532	2,368.75	2.21	-0.24	0.05
97.00	-35.46	-1.65	0.00	-86.52	0.00	86.52	2,997.56	727.45	2,496	2,340.12	2.28	-0.24	0.05
100.00	-34.41	-1.63	0.00	-81.56	0.00	81.56	2,962.30	715.56	2,415	2,274.45	2.43	-0.25	0.05
105.00	-33.80	-1.62	0.00	-73.39	0.00	73.39	2,902.52	695.74	2,283	2,166.26	2.71	-0.27	0.05
108.00	-33.38	-1.62	0.00	-68.51	0.00	68.51	2,866.04	683.85	2,206	2,102.12	2.88	-0.28	0.04
110.00	-32.14	-1.59	0.00	-65.28	0.00	65.28	2,841.47	675.92	2,155	2,059.71	3.00	-0.28	0.04
115.00	-31.16	-1.56	0.00	-57.35	0.00	57.35	2,777.47	656.10	2,030	1,953.71	3.30	-0.30	0.04
120.00	-30.40	-1.54	0.00	-49.54	0.00	49.54	2,693.56	636.27	1,910	1,836.87	3.62	-0.31	0.04
124.00	-26.33	-1.39	0.00	-43.38	0.00	43.38	2,626.43	620.42	1,816	1,746.00	3.89	-0.32	0.04
125.00	-25.41	-1.36	0.00	-41.99	0.00	41.99	2,609.65	616.45	1,792	1,723.64	3.95	-0.32	0.03
130.00	-25.05	-1.35	0.00	-35.17	0.00	35.17	2,525.74	596.63	1,679	1,614.02	4.30	-0.34	0.03
132.00	-24.25	-1.32	0.00	-32.47	0.00	32.47	2,492.18	588.70	1,635	1,571.17	4.44	-0.34	0.03
135.00	-23.98	-1.31	0.00	-28.51	0.00	28.51	2,441.83	576.81	1,569	1,507.99	4.66	-0.35	0.03
136.00	-23.86	-1.31	0.00	-27.20	0.00	27.20	1,416.76	371.43	1,022	888.99	4.73	-0.35	0.05
137.00	-17.99	-1.05	0.00	-25.89	0.00	25.89	1,410.85	368.90	1,009	879.23	4.81	-0.35	0.04
140.00	-17.46	-1.03	0.00	-22.74	0.00	22.74	1,392.81	361.33	968	850.05	5.03	-0.36	0.04
145.00	-17.15	-1.02	0.00	-17.60	0.00	17.60	1,361.73	348.72	901	801.85	5.41	-0.37	0.04
148.00	-12.31	-0.77	0.00	-14.56	0.00	14.56	1,342.47	341.15	863	773.23	5.65	-0.38	0.03
150.00	-11.86	-0.75	0.00	-13.01	0.00	13.01	1,329.38	336.10	837	754.27	5.81	-0.38	0.03
155.00	-11.59	-0.73	0.00	-9.27	0.00	9.27	1,295.76	323.49	776	707.39	6.22	-0.39	0.02
158.00	-7.54	-0.50	0.00	-7.07	0.00	7.07	1,274.98	315.92	740	679.62	6.46	-0.40	0.02
160.00	-7.16	-0.48	0.00	-6.07	0.00	6.07	1,260.87	310.88	716	661.28	6.63	-0.40	0.02
165.00	-6.93	-0.47	0.00	-3.67	0.00	3.67	1,224.71	298.26	659	616.03	7.05	-0.40	0.01
168.00	-4.46	-0.31	0.00	-2.27	0.00	2.27	1,202.41	290.69	626	589.33	7.31	-0.41	0.01
170.00	-4.41	-0.30	0.00	-1.65	0.00	1.65	1,187.28	285.65	605	571.72	7.48	-0.41	0.01
170.80	-4.00	-0.28	0.00	-1.41	0.00	1.41	1,181.18	283.63	596	564.73	7.54	-0.41	0.01
171.00	-3.22	-0.23	0.00	-1.35	0.00	1.35	1,179.65	283.12	594	562.98	7.56	-0.41	0.01
171.80	-2.75	-0.20	0.00	-1.17	0.00	1.17	1,173.50	281.10	586	556.02	7.63	-0.41	0.00
175.00	-2.56	-0.18	0.00	-0.54	0.00	0.54	1,148.59	273.03	552	528.44	7.90	-0.41	0.00
178.00	0.00	-0.16	0.00	0.00	0.00	0.00	1,123.79	265.46	522	502.56	8.16	-0.41	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	-47.56	-1.71	0.00	-249.89	0.00	249.89	6,434.86	1,571.07	8,005	7,461.32	0.00	0.00	0.04
5.00	-46.15	-1.72	0.00	-241.32	0.00	241.32	6,350.74	1,542.24	7,714	7,227.49	0.01	-0.01	0.04
10.00	-44.76	-1.73	0.00	-232.71	0.00	232.71	6,265.35	1,513.41	7,428	6,995.84	0.02	-0.02	0.04
15.00	-43.40	-1.73	0.00	-224.06	0.00	224.06	6,178.70	1,484.59	7,148	6,766.48	0.05	-0.03	0.04
20.00	-42.06	-1.74	0.00	-215.39	0.00	215.39	6,090.77	1,455.76	6,873	6,539.47	0.08	-0.04	0.04
25.00	-40.74	-1.74	0.00	-206.69	0.00	206.69	6,001.58	1,426.93	6,604	6,314.89	0.13	-0.05	0.04
30.00	-39.45	-1.75	0.00	-197.97	0.00	197.97	5,911.12	1,398.11	6,340	6,092.84	0.19	-0.06	0.04
35.00	-38.18	-1.75	0.00	-189.24	0.00	189.24	5,796.61	1,369.28	6,081	5,850.41	0.26	-0.07	0.04
40.00	-37.49	-1.75	0.00	-180.51	0.00	180.51	5,674.58	1,340.45	5,828	5,605.46	0.34	-0.08	0.04
42.75	-36.53	-1.74	0.00	-175.71	0.00	175.71	5,607.46	1,324.60	5,691	5,472.97	0.39	-0.09	0.04
45.00	-34.83	-1.73	0.00	-171.78	0.00	171.78	5,552.55	1,311.63	5,580	5,365.75	0.43	-0.09	0.04
49.00	-34.63	-1.74	0.00	-164.84	0.00	164.84	4,335.44	1,067.60	4,549	4,204.89	0.52	-0.10	0.05
50.00	-33.61	-1.73	0.00	-163.11	0.00	163.11	4,322.18	1,062.91	4,509	4,173.47	0.54	-0.11	0.05
55.00	-32.62	-1.73	0.00	-154.45	0.00	154.45	4,255.09	1,039.49	4,313	4,017.36	0.66	-0.12	0.05

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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
60.00	-31.64	-1.72	0.00	-145.82	0.00	145.82	4,186.73	1,016.06	4,120	3,862.97	0.79	-0.13	0.05
65.00	-30.68	-1.71	0.00	-137.21	0.00	137.21	4,117.10	992.64	3,933	3,710.36	0.94	-0.15	0.04
70.00	-29.75	-1.70	0.00	-128.64	0.00	128.64	4,046.20	969.21	3,749	3,559.63	1.10	-0.16	0.04
75.00	-28.83	-1.69	0.00	-120.12	0.00	120.12	3,974.03	945.79	3,570	3,410.85	1.27	-0.17	0.04
80.00	-27.93	-1.68	0.00	-111.66	0.00	111.66	3,900.60	922.36	3,396	3,264.10	1.46	-0.19	0.04
85.00	-27.58	-1.67	0.00	-103.26	0.00	103.26	3,805.51	898.94	3,225	3,102.86	1.67	-0.20	0.04
87.00	-27.27	-1.67	0.00	-99.91	0.00	99.91	3,765.85	889.57	3,158	3,038.19	1.75	-0.21	0.04
88.00	-26.96	-1.66	0.00	-98.25	0.00	98.25	3,746.02	884.89	3,125	3,006.11	1.80	-0.21	0.04
88.50	-26.50	-1.65	0.00	-97.42	0.00	97.42	3,736.10	882.54	3,109	2,990.14	1.82	-0.21	0.04
90.00	-25.91	-1.64	0.00	-94.94	0.00	94.94	3,706.35	875.52	3,059	2,942.46	1.88	-0.22	0.04
92.00	-25.45	-1.63	0.00	-91.67	0.00	91.67	3,055.31	747.27	2,634	2,450.78	1.98	-0.22	0.05
95.00	-25.35	-1.63	0.00	-86.79	0.00	86.79	3,020.81	735.38	2,551	2,384.21	2.12	-0.23	0.05
95.70	-25.14	-1.62	0.00	-85.65	0.00	85.65	3,012.70	732.61	2,532	2,368.75	2.15	-0.23	0.05
97.00	-24.54	-1.60	0.00	-83.55	0.00	83.55	2,997.56	727.45	2,496	2,340.12	2.22	-0.24	0.04
100.00	-23.81	-1.58	0.00	-78.74	0.00	78.74	2,962.30	715.56	2,415	2,274.45	2.37	-0.25	0.04
105.00	-23.38	-1.57	0.00	-70.82	0.00	70.82	2,902.52	695.74	2,283	2,166.26	2.63	-0.26	0.04
108.00	-23.09	-1.56	0.00	-66.11	0.00	66.11	2,866.04	683.85	2,206	2,102.12	2.80	-0.27	0.04
110.00	-22.24	-1.53	0.00	-62.98	0.00	62.98	2,841.47	675.92	2,155	2,059.71	2.91	-0.27	0.04
115.00	-21.56	-1.51	0.00	-55.32	0.00	55.32	2,777.47	656.10	2,030	1,953.71	3.21	-0.29	0.04
120.00	-21.03	-1.49	0.00	-47.78	0.00	47.78	2,693.56	636.27	1,910	1,836.87	3.52	-0.30	0.03
124.00	-18.21	-1.35	0.00	-41.84	0.00	41.84	2,626.43	620.42	1,816	1,746.00	3.78	-0.31	0.03
125.00	-17.58	-1.31	0.00	-40.50	0.00	40.50	2,609.65	616.45	1,792	1,723.64	3.84	-0.31	0.03
130.00	-17.33	-1.30	0.00	-33.93	0.00	33.93	2,525.74	596.63	1,679	1,614.02	4.18	-0.33	0.03
132.00	-16.78	-1.27	0.00	-31.32	0.00	31.32	2,492.18	588.70	1,635	1,571.17	4.31	-0.33	0.03
135.00	-16.59	-1.26	0.00	-27.50	0.00	27.50	2,441.83	576.81	1,569	1,507.99	4.52	-0.34	0.03
136.00	-16.50	-1.26	0.00	-26.24	0.00	26.24	1,416.76	371.43	1,022	888.99	4.59	-0.34	0.04
137.00	-12.45	-1.01	0.00	-24.98	0.00	24.98	1,410.85	368.90	1,009	879.23	4.67	-0.34	0.04
140.00	-12.08	-0.99	0.00	-21.94	0.00	21.94	1,392.81	361.33	968	850.05	4.88	-0.35	0.03
145.00	-11.86	-0.98	0.00	-16.99	0.00	16.99	1,361.73	348.72	901	801.85	5.25	-0.36	0.03
148.00	-8.52	-0.74	0.00	-14.05	0.00	14.05	1,342.47	341.15	863	773.23	5.48	-0.37	0.03
150.00	-8.20	-0.72	0.00	-12.56	0.00	12.56	1,329.38	336.10	837	754.27	5.64	-0.37	0.02
155.00	-8.02	-0.71	0.00	-8.96	0.00	8.96	1,295.76	323.49	776	707.39	6.03	-0.38	0.02
158.00	-5.22	-0.49	0.00	-6.83	0.00	6.83	1,274.98	315.92	740	679.62	6.27	-0.38	0.01
160.00	-4.95	-0.46	0.00	-5.86	0.00	5.86	1,260.87	310.88	716	661.28	6.43	-0.39	0.01
165.00	-4.80	-0.45	0.00	-3.54	0.00	3.54	1,224.71	298.26	659	616.03	6.84	-0.39	0.01
168.00	-3.09	-0.30	0.00	-2.19	0.00	2.19	1,202.41	290.69	626	589.33	7.09	-0.39	0.01
170.00	-3.05	-0.29	0.00	-1.59	0.00	1.59	1,187.28	285.65	605	571.72	7.25	-0.39	0.01
170.80	-2.77	-0.27	0.00	-1.36	0.00	1.36	1,181.18	283.63	596	564.73	7.32	-0.39	0.01
171.00	-2.23	-0.22	0.00	-1.31	0.00	1.31	1,179.65	283.12	594	562.98	7.33	-0.39	0.00
171.80	-1.90	-0.19	0.00	-1.13	0.00	1.13	1,173.50	281.10	586	556.02	7.40	-0.39	0.00
175.00	-1.77	-0.18	0.00	-0.53	0.00	0.53	1,148.59	273.03	552	528.44	7.67	-0.40	0.00
178.00	0.00	-0.16	0.00	0.00	0.00	0.00	1,123.79	265.46	522	502.56	7.91	-0.40	0.00

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ANALYSIS SUMMARY

	Base Reactions						Max Usage	
Load Case	Shear FX (kips)	Shear FZ (kips)	Axial FY (kips)	Moment MX (ft-kips)	Moment MY (ft-kips)	Moment MZ (ft-kips)	Elev (ft)	Interaction Ratio
1.2D + 1.0W	41.44	0.00	68.38	0.00	0.00	5343.38	49.00	0.82
0.9D + 1.0W	41.41	0.00	51.27	0.00	0.00	5249.78	49.00	0.8
1.2D + 1.0Di + 1.0Wi	12.00	0.00	104.94	0.00	0.00	1596.74	49.00	0.26
1.2D + 1.0Ev + 1.0Eh	1.77	0.00	68.73	0.00	0.00	255.67	49.00	0.05
0.9D - 1.0Ev + 1.0Eh	1.75	0.00	47.56	0.00	0.00	249.89	49.00	0.05
1.0D + 1.0W	9.42	0.00	57.05	0.00	0.00	1203.99	49.00	0.19

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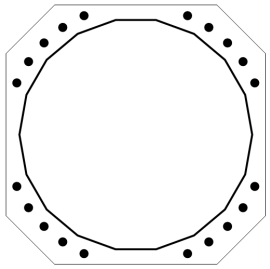
BASE PLATE ANALYSIS @ 0 FT

APPLIED REACTIONS

Moment (k-ft)	Axial (k)	Shear (k)
5343.38	68.38	41.44

PLATE PARAMETERS (ID# 11012)

Width:	64	in
Shape:	Square	
Thickness:	3	in
Grade:	A572-50	
Yield Strength:	50	ksi
Tensile Strength:	65	ksi
Clip Length:	12	in
Rod Detail Type:	d	
Clear Distance	4.5	in
Base Weld Size:	0.125	in
Orientation Offset:	-	°
Analysis Type:	Plastic	
Neutral Axis:	50	°



ANCHOR ROD PARAMETERS

Class	Arrangement	Quantity	Diameter (in)	Circle (in)	Grade	F_y (ksi)	F_u (ksi)	Spacing (in)	Offset (°)
Original [ID#3220]	Cluster	20	2.25	64	A615-75	75	100	6	-

COMPONENT PROPERTIES

Component	ID	Gross Area (in^2)	Net Area (in^2)	Individual Inertia (in^4)	Moment of Inertia (in^4)	Threads/in
Pole	56.91"ø x 0.5" (18 Sides)	88.1595	-	-	35073.77	-
Bolt Group	Original (20) 2.25"ø	3.9761	3.2477	0.8393	30601.01	4.5

REACTION DISTRIBUTION

Component	ID	Moment M_u (k-ft)	Axial Load P_u (k)	Shear V_u (k)	Moment Factor
Pole	56.91"ø x 0.5" (18 Sides)	5343.4	68.38	41.44	1.000
Bolt Group	Original (20) 2.25"ø	5343.4	-	41.44	1.000

BASE PLATE BEND LINE ANALYSIS @ 0 FT

POLE PROPERTIES

Flat-to-Flat Diameter:	57.04	in	Flat Width:	10.057	in	Neutral Axis:	50	°
Point-to-Point Diameter:	57.92	in	Flat Radians:	0.349	rad			
Orientation Offset:	-	°						

PLATE PROPERTIES

Bend Line	Chord Length (in)	Additional Length (in)	Section Modulus (in^3)	Applied Moment M_u (k-in)	Moment Capacity ΦM_n (k-in)	Flexure Result $M_u/\Phi M_n$
Flats	33.475	0.00	75.318	1253.2	3389.3	37.0%
Corners	32.595	0.00	73.338	887.8	3300.2	26.9%

PLASTIC ANCHOR ROD ANALYSIS

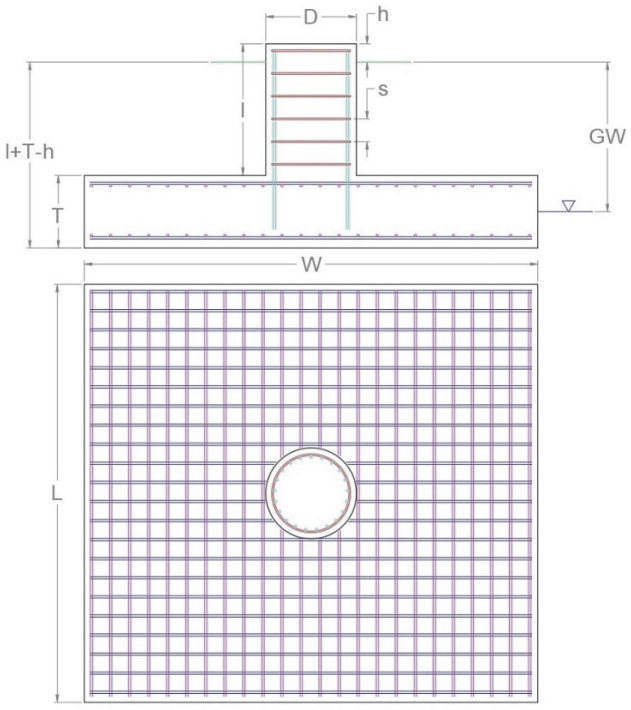
Class	Group Quantity	Rod Diameter (in)	Applied Axial Load P_u (k)	Applied Shear Load V_u (k)	Compressive Capacity ΦP_n (k)	Plastic Result
Original	20	2.25	181.0	3.4	243.6	74.3%

APPLIED GLOBAL REACTIONS

Moment (k-ft)	Axial (k)	Shear (k)
5,343.38	68.38	41.44

FOUNDATION PARAMETERS

Mat Length:	L	24	ft
Mat Width:	W	24	ft
Mat Thickness:	T	4	ft
Base Depth:	L+T-h	9.5	ft
Pier Shape:		Round	
Pier Diameter:	D	8	ft
Pier Height above Grade:	h	0.5	ft
Concrete Compressive Strength:		3,000	psi
Mat Top Rebar:		(24) #11 bars [60 ksi]	
Mat Bottom Rebar:		(24) #11 bars [60 ksi]	
Pier Vertical Rebar:		(40) #11 bars [60 ksi]	
Pier Rebar Ties:	s	#5 bars @ 6.0" c/c [60 ksi]	
Rebar Clear Cover:		3.0	in
Tower Eccentricity:	ecc	0	ft
Tower Leg Count		1	



SOIL PARAMETERS

Water Table Depth [BGL]:	GW	-	ft
Soil Unit Weight:		125	pcf
Ultimate Skin Friction:			psf
Ultimate Bearing Pressure:		8,000	psf
Bearing Pressure Type:		Gross	
Coefficient of Shear Friction:		0.3	

SOIL STRENGTH ANALYSIS

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

SOIL OVERTURNING ANALYSIS

Design Moment, $M_{u,Design}$ (k-ft)	Nominal Overturning Capacity, $\Phi_m M_n$ (k-ft)	Soil Overturning Usage, $M_{u,Design} / \Phi_m M_n$	
5,757.78	9,551.07	**60.3%**	✓

SOIL BEARING ANALYSIS

Net Bearing Pressure, $P_{u,Net}$ (psf)	Nominal Bearing Capacity, $\Phi_b P_n$ (k-ft)	Bearing Pressure Controlling Load Direction	Soil Bearing Usage, $P_{u,net} / \Phi_b P_n$	
3,447.00	6,000.00	Diagonal to Pad Edge	**57.5%**	✓

SOIL SLIDING SHEAR ANALYSIS

Applied Shear Force, V_u (k)	Friction Resistance (k)	Passive Pressure (psf)	Passive Pressure Resistance (k)	Nominal Shear Capacity, $\Phi_s V_n$ (k)	Soil Sliding Shear Usage, $V_u / \Phi_s V_n$	
41.44	0.00	937.5	90.00	249.58	**17.0%**	✓

MAT REINFORCING STEEL STRENGTH ANALYSIS

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

MAT REINFORCING ONE WAY SHEAR ANALYSIS

One Way Design Shear, V_u (k)	Nominal One Way Shear Capacity, $\Phi_c V_n$ (k)	One Way Shear Controlling Load Direction	Mat One Way Shear Usage, $V_u / \Phi_c V_n$
196.92	803.01	Diagonal to Pad Edge	**24.5%**

MAT REINFORCING PUNCHING SHEAR ANALYSIS

Punching Shear Design Stress, v_u (psi)	Nominal Punching Shear Capacity, $\Phi_c v_n$ (psi)	Mat Punching Shear Usage, $v_u / \Phi_c v_n$
32.8	164.3	**19.9%**

MAT REINFORCING MOMENT TRANSFER ANALYSIS

Moment Transfer Effective Flexural Width, w_f (in)	Neutral Axis Depth (in)	Pier Moment at Joint, M_{ut} (k-in)	Nominal Moment Transfer Capacity, $\Phi M_{sc,f}$ (k-in)	Mat Moment Transfer Usage, $0.6\ M_{ut} / \Phi M_{sc,f}$
20.00	3.15	0.00	73,457.7	**0.0%**

MAT REINFORCING FLEXURE ANALYSIS – UPPER STEEL

Factored Moment, M_u (k-ft)	Nominal Flexural Capacity, ΦM_n (k-ft)	Flexural Steel Controlling Load Direction	Mat Upper Rebar Flexure Usage, $M_u / \Phi M_n$
988.80	7,130.92	Parallel to Pad Edge	**13.9%**

MAT REINFORCING FLEXURE ANALYSIS – LOWER STEEL

Factored Moment, M_u (k-ft)	Nominal Flexural Capacity, ΦM_n (k-ft)	Flexural Steel Controlling Load Direction	Mat Lower Rebar Flexure Usage, $M_u / \Phi M_n$
2,114.60	7,708.90	Diagonal to Pad Edge	**27.4%**

PIER REINFORCING STEEL STRENGTH ANALYSIS

Rebar Cage Diameter (in)	Steel Elastic Modulus, E (ksi)	Strength Bending/Tension Reduction Factor, Φ_b	Strength Shear Reduction Factor, Φ_v	Strength Compression Reduction Factor, Φ_c
87.38	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, $M_u/\Phi_b M_n$
5,592.02	11,999.61	0.009	**46.6%**

PIER REINFORCING COMPRESSION ANALYSIS

Design Compression, P_u (k)	Nominal Compressive Capacity, $\Phi_p P_n$ (k)	Pier Rebar Compressive Usage, $P_u / \Phi_p P_n$
68.38	9,563.82	**0.7%**

PIER REINFORCING SHEAR ANALYSIS

Design Shear, V_u (k)	Nominal Shear Capacity, $\Phi_v V_n$ (k)	Pier Rebar Shear Usage, $V_u / \Phi_v V_n$
41.44	954.61	**4.3%**

EXHIBIT 4

Colliers Engineering & Design,
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Antenna Mount Analysis Report and PMI Requirements

Mount ReAnalysis

SMART Tool Project #: 10208056
Colliers Engineering & Design Project #: 23777211

October 23, 2023

Site Information	*Site ID:*	*5000231930-VZW / COLUMBIA CT*
	Site Name:	*COLUMBIA CT*
	Carrier Name:	*Verizon Wireless*
	Address:	*104 Bunker Hill Rd.* *Andover, Connecticut 06232* *Tolland County*
	Latitude:	*41.737786°*
	Longitude:	*-72.349839°*
Structure Information	*Tower Type:*	*178-Ft Monopole*
	Mount Type:	*12.50-Ft Platform*

FUZE ID # 17123890

Analysis Results

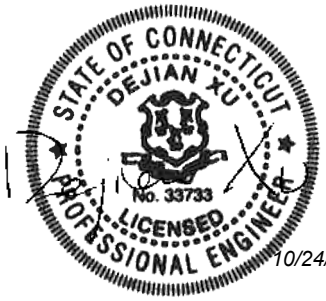
Platform: **44.7% Pass***

***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: Vincent DiGirolamo



10/24/2023

Executive Summary:

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

This analysis is inclusive of the mount structure only and does not address the structural capacity of the supporting structure. This mounting frame was not analyzed as an anchor attachment point for fall protection. All climbing activities are required to have a fall protection plan completed by a competent person.

Sources of Information:

Document Type	Remarks
Radio Frequency Data Sheet (RFDS)	*Verizon RFDS Site ID: 323618* *Dated May 31, 2023*
Mount Replacement Analysis	*Colliers Engineering & Design Project #: 21777492, Rev 1* *Dated August 2, 2023*
Mount Manufacturer Specifications	*Site Pro 1 RMQP-NP & HRK12*
Filter Add Guidance	*Provided by Verizon Wireless*

Analysis Criteria:

Codes and Standards:	ANSI/TIA-222-H 2022 Connecticut State Building Code (CSBC), Effective October 1, 2022	
Wind Parameters:	Basic Wind Speed (Ultimate 3-sec. Gust), V_{ULT}:	120 mph
	Ice Wind Speed (3-sec. Gust):	50 mph
	Design Ice Thickness:	1.50 in
	Risk Category:	II
	Exposure Category:	B
	Topographic Category:	1
	Topographic Feature Considered:	N/A
	Topographic Method:	N/A
	Ground Elevation Factor, K_e:	0.981
Seismic Parameters:	S_S:	0.193 g
	S_1:	0.055 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
158.25	160.00	2	KAelus	KA-6030	Added
		3	Samsung	MT6407-77A	
		3	Samsung	RF4439d-25A	
		3	Samsung	RF4440d-13A	
		6	Andrew	SBNHH-1D65B	Retained
		6	Amphenol Antel	LPA-80080-4CF	
		2	Raycap	RxxDC-3315-PF-48	

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

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	*15.9*	*Pass*
Standoff Horizontal	*44.2*	*Pass*
Corner Plate	*15.6*	*Pass*
Platform Crossmember	*21.8*	*Pass*
Grating Support	*13.2*	*Pass*
Mount Pipe	*42.0*	*Pass*
Cross Arm Plate	*43.7*	*Pass*
Support Rail	*26.0*	*Pass*
Support Rail Connection	*36.1*	*Pass*
Mount Connection	*44.7*	*Pass*

Structure Rating – *(Controlling Utilization of all Components)*	**44.7%**

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	23.7	23.7	41.7	41.7
0.5	31.1	31.1	56.3	56.3
1	38.0	38.0	70.4	70.4

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.

Previous mount replacement has been installed as intended per previous mount replacement analysis completed by Colliers Engineering & Design (Project #: 21777492, Rev 1), dated August 2, 2023. Contractor shall install the proposed filter units on new Site Pro 1 Dual Swivel Mount Kit (Part #: RRUDSM or EOR approved equivalent) in the location shown in the placement diagrams.

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 #: 5000231930 SMART Project #: 10208056 Fuze Project ID: 17123890

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:

Previous mount replacement has been installed as intended per previous mount replacement analysis completed by Colliers Engineering & Design (Project #: 21777492, Rev 1), dated August 2, 2023. Contractor shall install the proposed filter units on new Site Pro 1 Dual Swivel Mount Kit (Part #: RRUDSM or EOR approved equivalent) in the location shown in the placement diagrams.

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:	

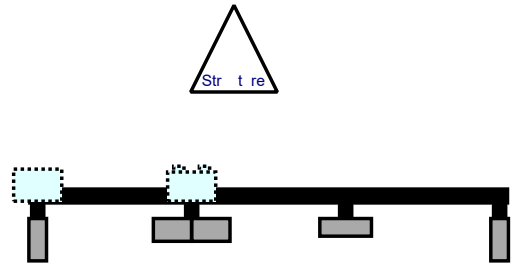
Structure: 5000231930-VZW - COLUMBIA CT

Se tor: **A** 10/23/2023

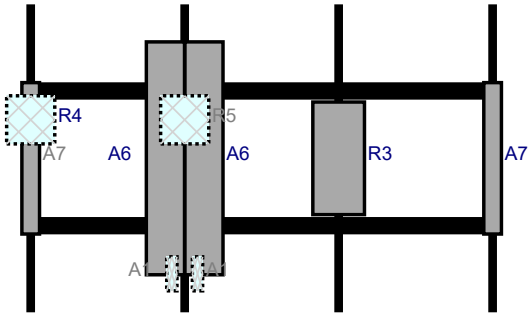
Str t re Type: Mo opole 10208056

Mo t Elev: 158.25 P ge: 1

Plan View



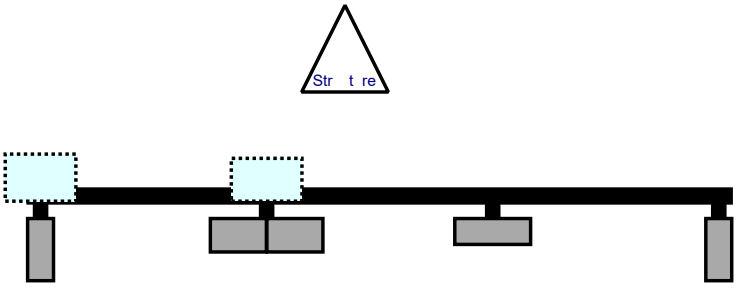
Front View - Loo i g t Str t re



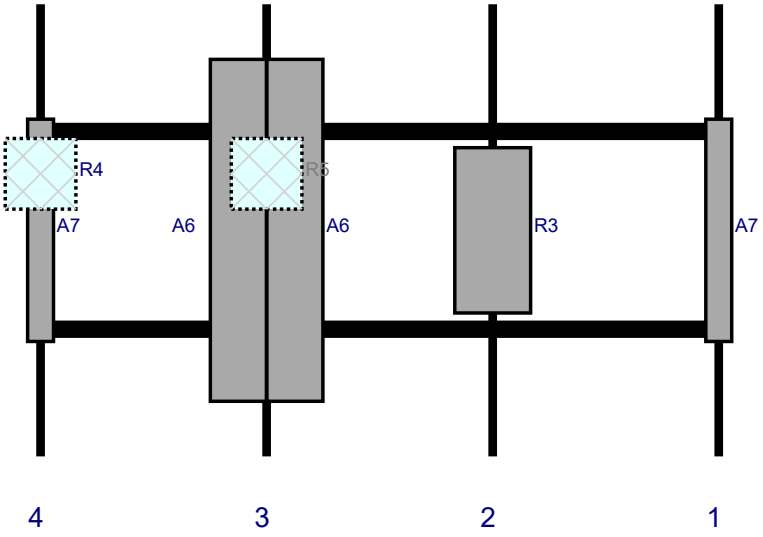
4 3 2 1

Re #	Model	Height (i)	Width (i)	H Dist Frm L.	Pipe #	Pipe Pos V	A t Pos	C. A t Frm T.	A t H O	St t s	V lid tio
A7	LPA-80080-4CF	47.2	5.5	147	1		Fro t	48	0	Ret i ed	
R3	MT6407-77A	35.1	16.1	99	2		Fro t	48	0	Added	
A6	SBNHH-1D65B	72.6	11.9	51	3		Fro t	48	6	Ret i ed	
A6	SBNHH-1D65B	72.6	11.9	51	3		Fro t	48	-6	Ret i ed	
A1	KA-6030	10.6	3.2	51	3		Behi d	84	4	Added	
A1	KA-6030	10.6	3.2	51	3		Behi d	84	-4	Added	
R5	RF4440d-13A	15	15	51	3		Behi d	36	0	Added	
A7	LPA-80080-4CF	47.2	5.5	3	4		Fro t	48	0	Ret i ed	
R4	RF4439d-25A	15	15	3	4		Behi d	36	0	Added	
OVP2	R DC-3315-PF-48	29.5	16.5		Mem er					Ret i ed	
OVP1	R DC-3315-PF-48	29.5	16.5		Mem er					Ret i ed	

Plan View



Front View - Loo i g t Str t re



Re #	Model	Height (i)	Width (i)	H Dist Frm L.	Pipe #	Pipe Pos V	A t Pos	C. A t Frm T.	A t H O	St t s	V lid tio
A7	LPA-80080-4CF	47.2	5.5	147	1		Fro t	48	0	Ret i ed	
R3	MT6407-77A	35.1	16.1	99	2		Fro t	48	0	Added	
A6	SBNHH-1D65B	72.6	11.9	51	3		Fro t	48	6	Ret i ed	
A6	SBNHH-1D65B	72.6	11.9	51	3		Fro t	48	-6	Ret i ed	
R5	RF4440d-13A	15	15	51	3		Behi d	36	0	Added	
A7	LPA-80080-4CF	47.2	5.5	3	4		Fro t	48	0	Ret i ed	
R4	RF4439d-25A	15	15	3	4		Behi d	36	0	Added	

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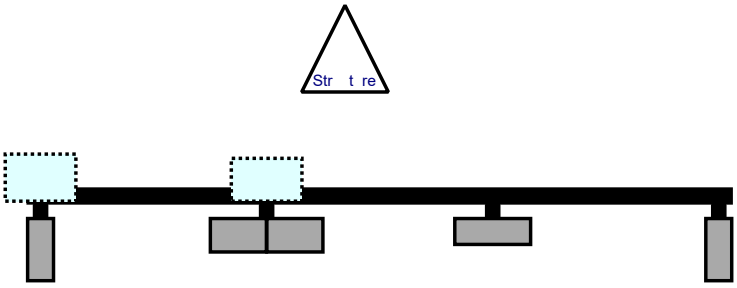
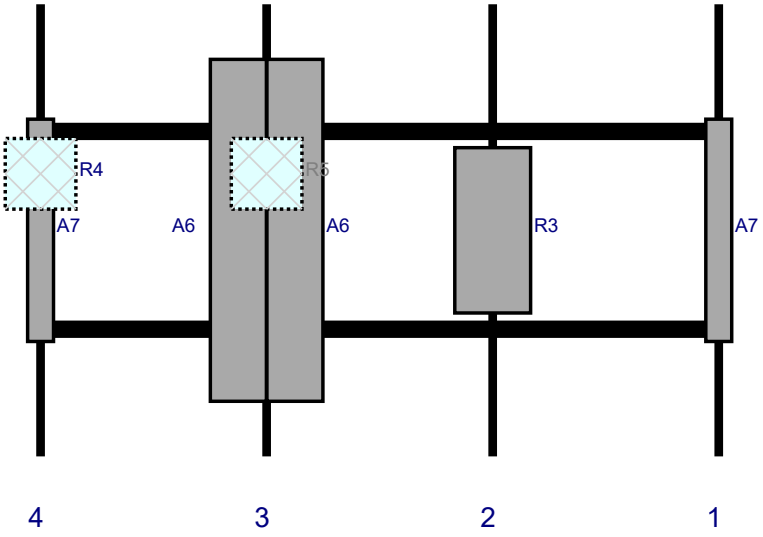
Plan View



Front View - Loo i g t Str t re



Re #	Model	Height (i)	Width (i)	H Dist Frm L.	Pipe #	Pipe Pos V	A t Pos	C. A t Frm T.	A t H O	St t s	V lid tio
A7	LPA-80080-4CF	47.2	5.5	147	1		Fro t	48	0	Ret i ed	
R3	MT6407-77A	35.1	16.1	99	2		Fro t	48	0	Added	
A6	SBNHH-1D65B	72.6	11.9	51	3		Fro t	48	6	Ret i ed	
A6	SBNHH-1D65B	72.6	11.9	51	3		Fro t	48	-6	Ret i ed	
R5	RF4440d-13A	15	15	51	3		Behi d	36	0	Added	
A7	LPA-80080-4CF	47.2	5.5	3	4		Fro t	48	0	Ret i ed	
R4	RF4439d-25A	15	15	3	4		Behi d	36	0	Added	

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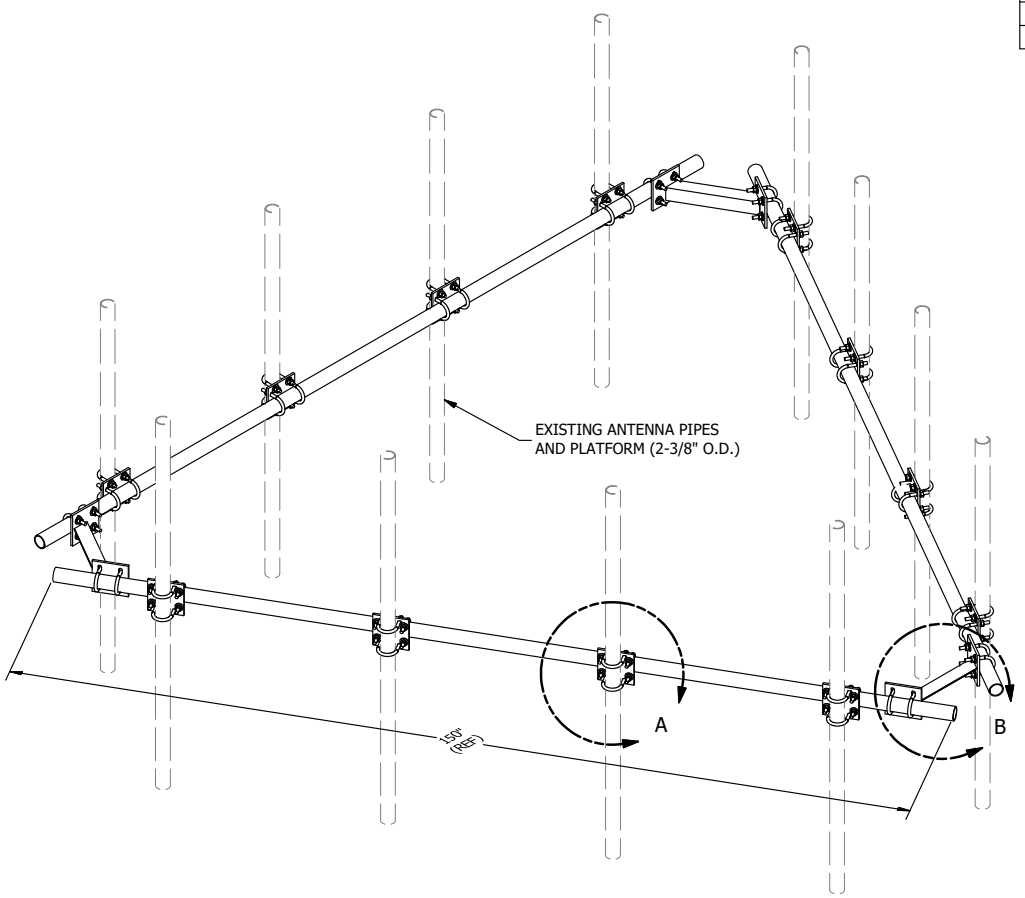
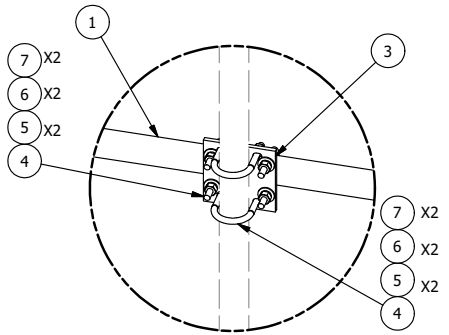
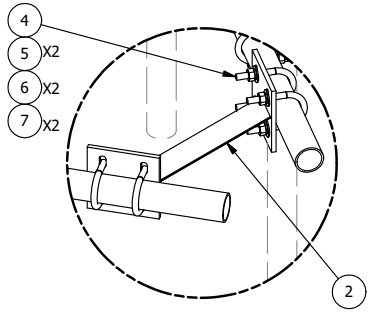
PARTS LIST						
ITEM	QTY	PART NO.	PART DESCRIPTION	LENGTH	UNIT WT.	NET WT.
1	3	P2150	2-3/8" O.D. X 150" SCH 40 GALVANIZED PIPE	150 in	45.77	137.31
2	3	X-AHCP	ANGLE HANDRAIL CORNER PLATE		12.92	38.76
3	12	SCX1	CROSSOVER PLATE 2-3/8" X 2-3/8"	6 in	3.71	44.50
4	60	X-UB1212	1/2" X 2-1/2" X 4-1/2" X 2" U-BOLT (HDG.)		0.63	37.51
5	120	G12FW	1/2" HDG USS FLATWASHER	3/32 in	0.03	4.09
6	120	G12LW	1/2" HDG LOCKWASHER	1/8 in	0.01	1.67
7	120	G12NUT	1/2" HDG HEAVY 2H HEX NUT		0.07	8.60
					TOTAL WT. #	272.43





DETAIL A



DETAIL B

REV	DESCRIPTION OF REVISIONS	CPD	BY	DATE
A	REPLACED HCP WITH X-AHCP		CEK	7/10/2014

REVISION HISTORY

TOLERANCE NOTES

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

PROPRIETARY NOTE:
THE DATA AND TECHNIQUES CONTAINED IN THIS DRAWING ARE PROPRIETARY INFORMATION OF VALMONT INDUSTRIES AND CONSIDERED A TRADE SECRET. ANY USE OR DISCLOSURE WITHOUT THE CONSENT OF VALMONT INDUSTRIES IS STRICTLY PROHIBITED.

DESCRIPTION: **HANDRAIL KIT FOR 12'-6" FACE**

SITE PRO 1 — A valmont COMPANY

Engineering Support Team: 1-888-753-7446

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

CPD NO.	DRAWN BY	ENG. APPROVAL	PART NO.
	KC8 5/30/2012		HRK12

CLASS	SUB	DRAWING USAGE	CHECKED BY	DWG. NO.
81	01	CUSTOMER	BMC 7/13/2014	HRK12

Structure: 5000231930-VZW - COLUMBIA CT

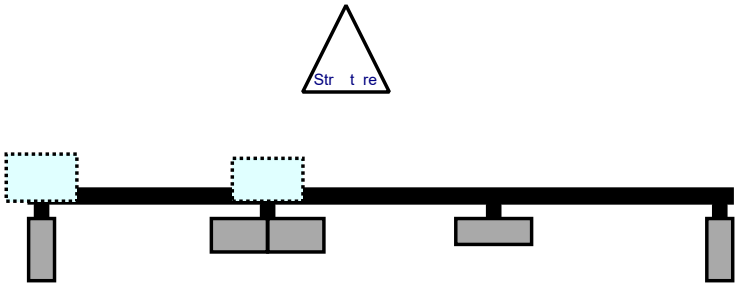
Se tor: **A** 8/2/2023

Str t re Type: Mo opole 10208056

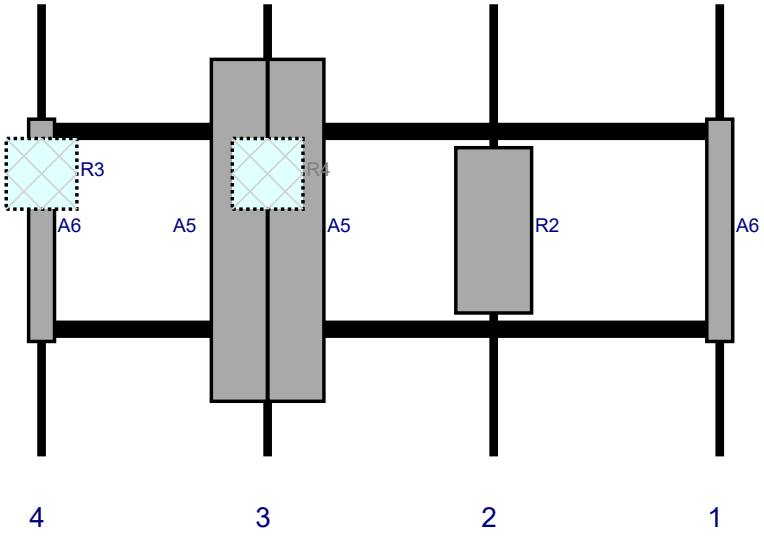
Mo t Elev: 158.25 P ge: 1

Colliers Engineering & Design

Plan View



Front View - Loo i g t Str t re



Re #	Model	Height (i)	Width (i)	H Dist Frm L.	Pipe #	Pipe Pos V	A t Pos	C. A t Frm T.	A t H O	St t s	V lid tio
A6	LPA-80080-4CF	47.2	5.5	147	1		Fro t	48	0	Ret i ed	
R2	MT6407-77A	35.1	16.1	99	2		Fro t	48	0	Added	
A5	SBNHH-1D65B	72.6	11.9	51	3		Fro t	48	6	Ret i ed	
A5	SBNHH-1D65B	72.6	11.9	51	3		Fro t	48	-6	Ret i ed	
R4	RF4440d-13A	15	15	51	3		Behi d	36	0	Added	
A6	LPA-80080-4CF	47.2	5.5	3	4		Fro t	48	0	Ret i ed	
R3	RF4439d-25A	15	15	3	4		Behi d	36	0	Added	
OVP2	R DC-3315-PF-48	29.5	16.5		Mem er					Ret i ed	
OVP1	R DC-3315-PF-48	29.5	16.5		Mem er					Ret i ed	

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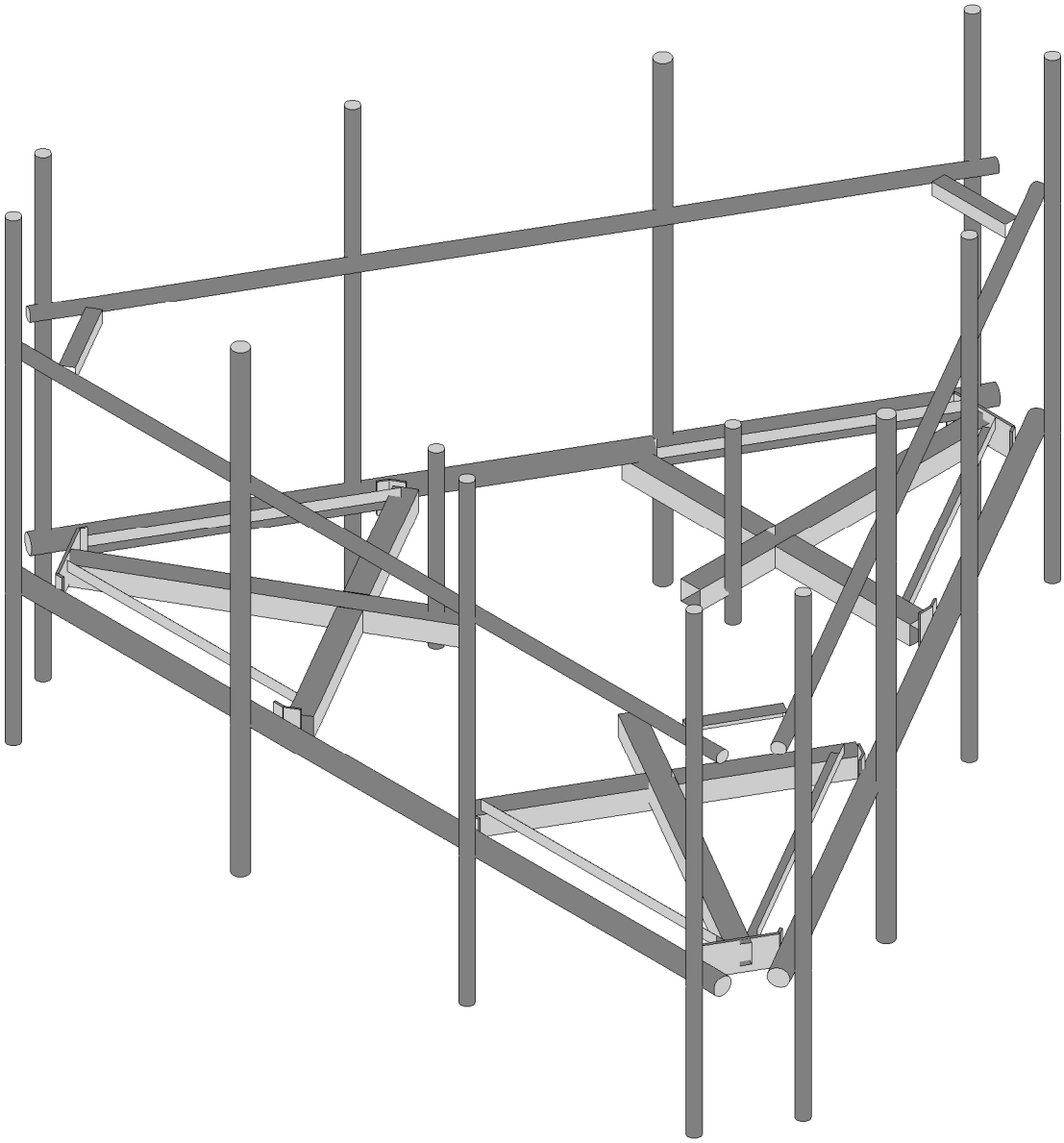

Envelope Only Solution

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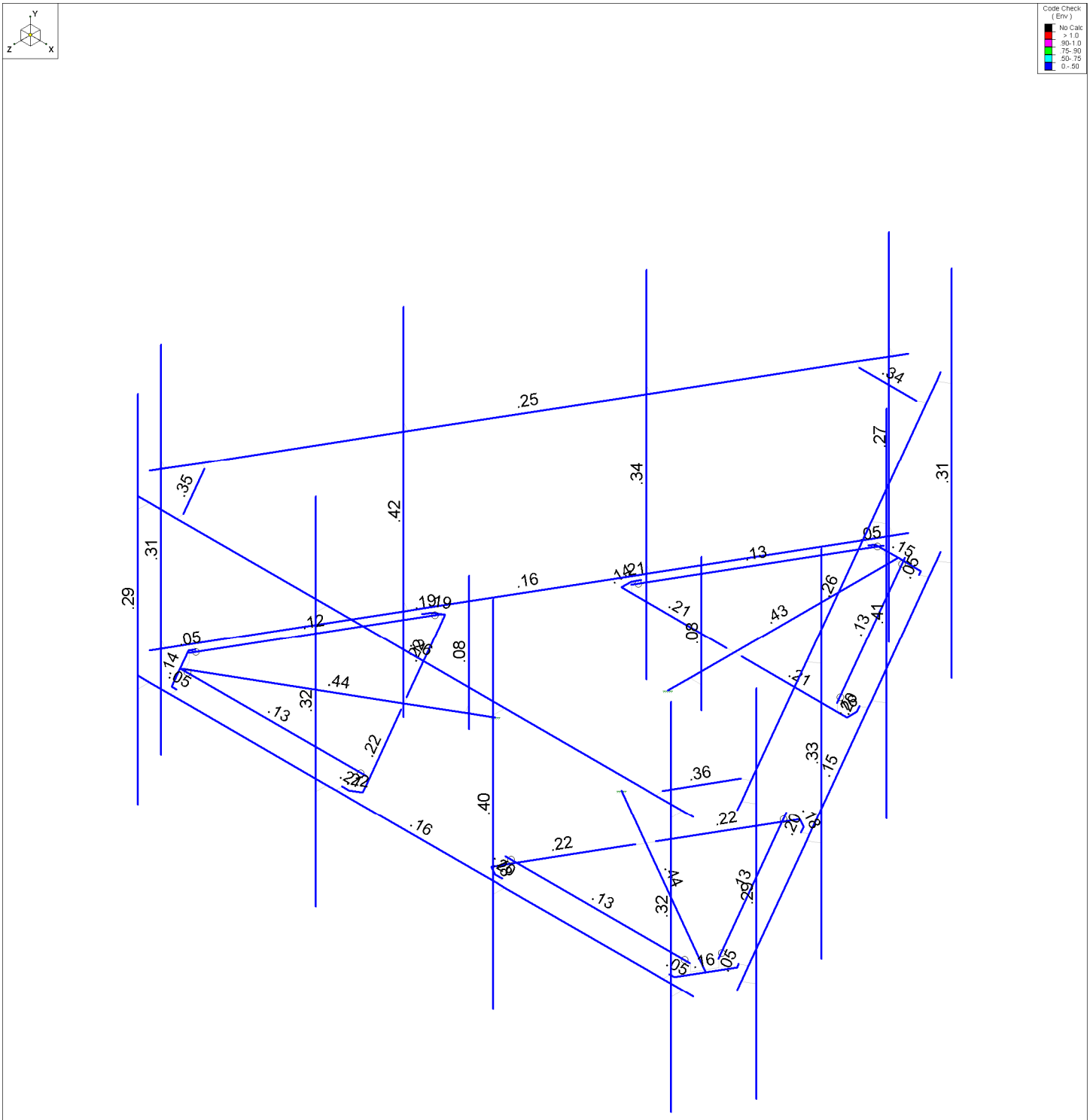

Member Code Checks Displayed (Enveloped)
Envelope Only Solution

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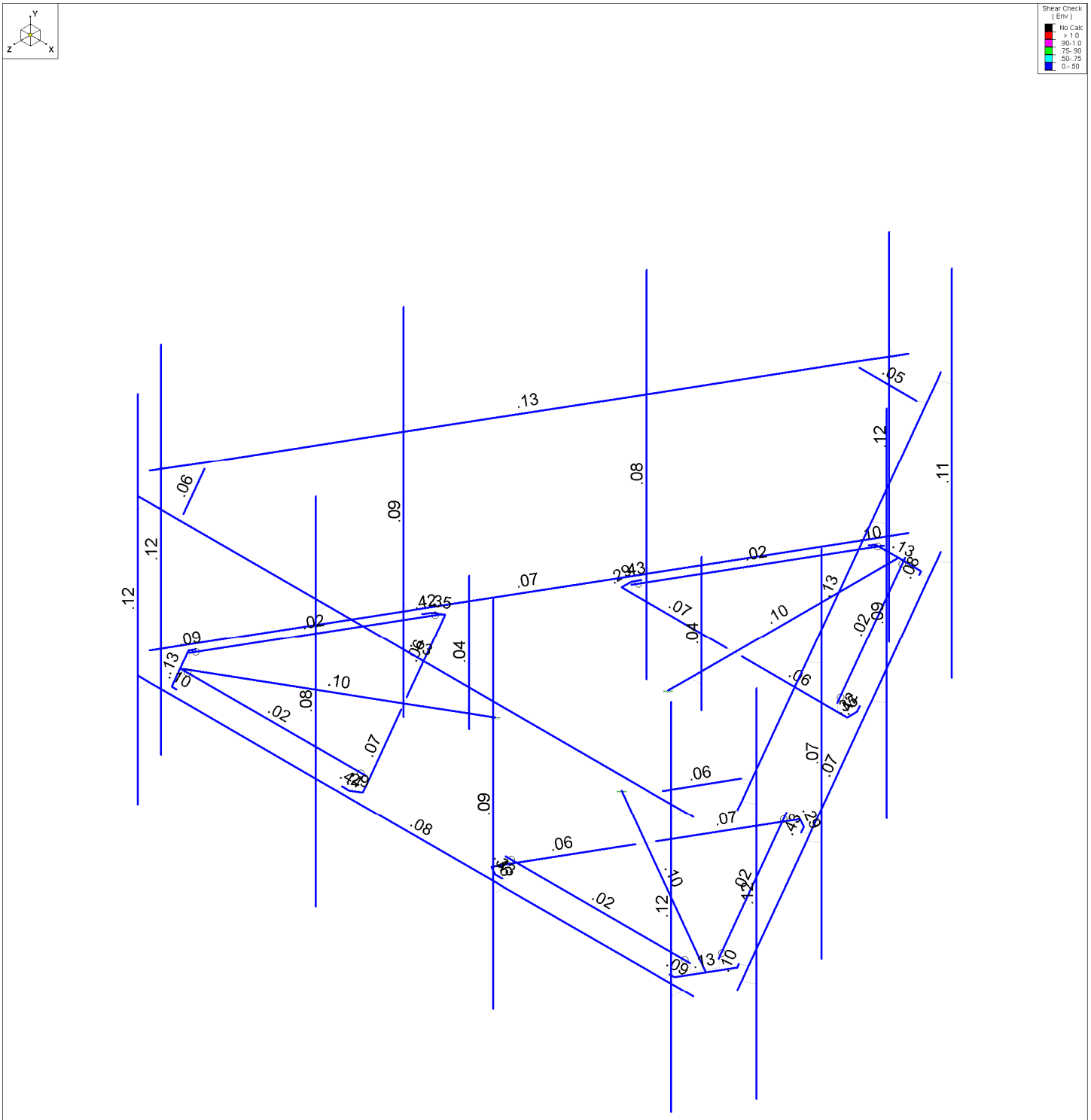
		Oct 23, 2023 at 10:52 AM
	Bending Check	5000231930-VZW_MT_LO_H.r3d



Member Shear Checks Displayed (Enveloped)
Envelope Only Solution

		SK - 3
		Oct 23, 2023 at 10:52 AM
	Shear Check	5000231930-VZW_MT_LO_H.r3d

Basic Load Cases

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed	Area(Me...	Surface(P...
1	Antenna D	None					120			
2	Antenna Di	None					120			
3	Antenna Wo (0 Deg)	None					120			
4	Antenna Wo (30 Deg)	None					120			
5	Antenna Wo (60 Deg)	None					120			
6	Antenna Wo (90 Deg)	None					120			
7	Antenna Wo (120 Deg)	None					120			
8	Antenna Wo (150 Deg)	None					120			
9	Antenna Wo (180 Deg)	None					120			
10	Antenna Wo (210 Deg)	None					120			
11	Antenna Wo (240 Deg)	None					120			
12	Antenna Wo (270 Deg)	None					120			
13	Antenna Wo (300 Deg)	None					120			
14	Antenna Wo (330 Deg)	None					120			
15	Antenna Wi (0 Deg)	None					120			
16	Antenna Wi (30 Deg)	None					120			
17	Antenna Wi (60 Deg)	None					120			
18	Antenna Wi (90 Deg)	None					120			
19	Antenna Wi (120 Deg)	None					120			
20	Antenna Wi (150 Deg)	None					120			
21	Antenna Wi (180 Deg)	None					120			
22	Antenna Wi (210 Deg)	None					120			
23	Antenna Wi (240 Deg)	None					120			
24	Antenna Wi (270 Deg)	None					120			
25	Antenna Wi (300 Deg)	None					120			
26	Antenna Wi (330 Deg)	None					120			
27	Antenna Wm (0 Deg)	None					120			
28	Antenna Wm (30 Deg)	None					120			
29	Antenna Wm (60 Deg)	None					120			
30	Antenna Wm (90 Deg)	None					120			
31	Antenna Wm (120 Deg)	None					120			
32	Antenna Wm (150 Deg)	None					120			
33	Antenna Wm (180 Deg)	None					120			
34	Antenna Wm (210 Deg)	None					120			
35	Antenna Wm (240 Deg)	None					120			
36	Antenna Wm (270 Deg)	None					120			
37	Antenna Wm (300 Deg)	None					120			
38	Antenna Wm (330 Deg)	None					120			
39	Structure D	None		-1					3	
40	Structure Di	None						59	3	
41	Structure Wo (0 Deg)	None						118		
42	Structure Wo (30 Deg)	None						118		
43	Structure Wo (60 Deg)	None						118		
44	Structure Wo (90 Deg)	None						118		
45	Structure Wo (120 D...	None						118		
46	Structure Wo (150 D...	None						118		
47	Structure Wo (180 D...	None						118		
48	Structure Wo (210 D...	None						118		
49	Structure Wo (240 D...	None						118		
50	Structure Wo (270 D...	None						118		
51	Structure Wo (300 D...	None						118		
52	Structure Wo (330 D...	None						118		
53	Structure Wi (0 Deg)	None						118		

Basic Load Cases (Continued)

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed	Area(Me...	Surface(P...
54	Structure Wi (30 Deg)	None						118		
55	Structure Wi (60 Deg)	None						118		
56	Structure Wi (90 Deg)	None						118		
57	Structure Wi (120 De...	None						118		
58	Structure Wi (150 De...	None						118		
59	Structure Wi (180 De...	None						118		
60	Structure Wi (210 De...	None						118		
61	Structure Wi (240 De...	None						118		
62	Structure Wi (270 De...	None						118		
63	Structure Wi (300 De...	None						118		
64	Structure Wi (330 De...	None						118		
65	Structure Wm (0 Deg)	None						118		
66	Structure Wm (30 De...	None						118		
67	Structure Wm (60 De...	None						118		
68	Structure Wm (90 De...	None						118		
69	Structure Wm (120 D...	None						118		
70	Structure Wm (150 D...	None						118		
71	Structure Wm (180 D...	None						118		
72	Structure Wm (210 D...	None						118		
73	Structure Wm (240 D...	None						118		
74	Structure Wm (270 D...	None						118		
75	Structure Wm (300 D...	None						118		
76	Structure Wm (330 D...	None						118		
77	Lm1	None					1			
78	Lm2	None					1			
79	Lv1	None					1			
80	Lv2	None					1			
81	Antenna Ev	None					120			
82	Antenna Eh (0 Deg)	None					80			
83	Antenna Eh (90 Deg)	None					80			
84	Structure Ev	ELY								
85	Structure Eh (0 Deg)	ELZ			-.03					
86	Structure Eh (90 Deg)	ELX	.03							
87	BLC 39 Transient Are...	None						30		
88	BLC 40 Transient Are...	None						30		

Load Combinations

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

Load Combinations (Continued)

	Description	S...	P...	S...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...
18	1.2D + 1.0Di + 1.0Wi (150 Deg)	Yes	Y		1	1.2	39	1.2	2	1	40	1	20	1	58	1								
19	1.2D + 1.0Di + 1.0Wi (180 Deg)	Yes	Y		1	1.2	39	1.2	2	1	40	1	21	1	59	1								
20	1.2D + 1.0Di + 1.0Wi (210 Deg)	Yes	Y		1	1.2	39	1.2	2	1	40	1	22	1	60	1								
21	1.2D + 1.0Di + 1.0Wi (240 Deg)	Yes	Y		1	1.2	39	1.2	2	1	40	1	23	1	61	1								
22	1.2D + 1.0Di + 1.0Wi (270 Deg)	Yes	Y		1	1.2	39	1.2	2	1	40	1	24	1	62	1								
23	1.2D + 1.0Di + 1.0Wi (300 Deg)	Yes	Y		1	1.2	39	1.2	2	1	40	1	25	1	63	1								
24	1.2D + 1.0Di + 1.0Wi (330 Deg)	Yes	Y		1	1.2	39	1.2	2	1	40	1	26	1	64	1								
25	1.2D + 1.5Lm1 + 1.0Wm (0 Deg)	Yes	Y		1	1.2	39	1.2	77	1.5	27	1	65	1										
26	1.2D + 1.5Lm1 + 1.0Wm (30 Deg)	Yes	Y		1	1.2	39	1.2	77	1.5	28	1	66	1										
27	1.2D + 1.5Lm1 + 1.0Wm (60 Deg)	Yes	Y		1	1.2	39	1.2	77	1.5	29	1	67	1										
28	1.2D + 1.5Lm1 + 1.0Wm (90 Deg)	Yes	Y		1	1.2	39	1.2	77	1.5	30	1	68	1										
29	1.2D + 1.5Lm1 + 1.0Wm (120 Deg)	Yes	Y		1	1.2	39	1.2	77	1.5	31	1	69	1										
30	1.2D + 1.5Lm1 + 1.0Wm (150 Deg)	Yes	Y		1	1.2	39	1.2	77	1.5	32	1	70	1										
31	1.2D + 1.5Lm1 + 1.0Wm (180 Deg)	Yes	Y		1	1.2	39	1.2	77	1.5	33	1	71	1										
32	1.2D + 1.5Lm1 + 1.0Wm (210 Deg)	Yes	Y		1	1.2	39	1.2	77	1.5	34	1	72	1										
33	1.2D + 1.5Lm1 + 1.0Wm (240 Deg)	Yes	Y		1	1.2	39	1.2	77	1.5	35	1	73	1										
34	1.2D + 1.5Lm1 + 1.0Wm (270 Deg)	Yes	Y		1	1.2	39	1.2	77	1.5	36	1	74	1										
35	1.2D + 1.5Lm1 + 1.0Wm (300 Deg)	Yes	Y		1	1.2	39	1.2	77	1.5	37	1	75	1										
36	1.2D + 1.5Lm1 + 1.0Wm (330 Deg)	Yes	Y		1	1.2	39	1.2	77	1.5	38	1	76	1										
37	1.2D + 1.5Lm2 + 1.0Wm (0 Deg)	Yes	Y		1	1.2	39	1.2	78	1.5	27	1	65	1										
38	1.2D + 1.5Lm2 + 1.0Wm (30 Deg)	Yes	Y		1	1.2	39	1.2	78	1.5	28	1	66	1										
39	1.2D + 1.5Lm2 + 1.0Wm (60 Deg)	Yes	Y		1	1.2	39	1.2	78	1.5	29	1	67	1										
40	1.2D + 1.5Lm2 + 1.0Wm (90 Deg)	Yes	Y		1	1.2	39	1.2	78	1.5	30	1	68	1										
41	1.2D + 1.5Lm2 + 1.0Wm (120 Deg)	Yes	Y		1	1.2	39	1.2	78	1.5	31	1	69	1										
42	1.2D + 1.5Lm2 + 1.0Wm (150 Deg)	Yes	Y		1	1.2	39	1.2	78	1.5	32	1	70	1										
43	1.2D + 1.5Lm2 + 1.0Wm (180 Deg)	Yes	Y		1	1.2	39	1.2	78	1.5	33	1	71	1										
44	1.2D + 1.5Lm2 + 1.0Wm (210 Deg)	Yes	Y		1	1.2	39	1.2	78	1.5	34	1	72	1										
45	1.2D + 1.5Lm2 + 1.0Wm (240 Deg)	Yes	Y		1	1.2	39	1.2	78	1.5	35	1	73	1										
46	1.2D + 1.5Lm2 + 1.0Wm (270 Deg)	Yes	Y		1	1.2	39	1.2	78	1.5	36	1	74	1										
47	1.2D + 1.5Lm2 + 1.0Wm (300 Deg)	Yes	Y		1	1.2	39	1.2	78	1.5	37	1	75	1										
48	1.2D + 1.5Lm2 + 1.0Wm (330 Deg)	Yes	Y		1	1.2	39	1.2	78	1.5	38	1	76	1										
49	1.2D + 1.5Lv1	Yes	Y		1	1.2	39	1.2	79	1.5														
50	1.2D + 1.5Lv2	Yes	Y		1	1.2	39	1.2	80	1.5														
51	1.4D	Yes	Y		1	1.4	39	1.4																
52	1.2D + 1.0Ev + 1.0Eh (0 Deg)	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	1	83		E...	1	E...					
53	1.2D + 1.0Ev + 1.0Eh (30 Deg)	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	.866	83	.5	E...	.866	E...	.5				
54	1.2D + 1.0Ev + 1.0Eh (60 Deg)	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	.5	83	.866	E...	.5	E...	.866				
55	1.2D + 1.0Ev + 1.0Eh (90 Deg)	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82		83	1	E...		E...	1				
56	1.2D + 1.0Ev + 1.0Eh (120 Deg)	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	-.5	83	.866	E...	-.5	E...	.866				
57	1.2D + 1.0Ev + 1.0Eh (150 Deg)	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	-.8...	83	.5	E...	-.8...	E...	.5				
58	1.2D + 1.0Ev + 1.0Eh (180 Deg)	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	-1	83		E...	-1	E...					
59	1.2D + 1.0Ev + 1.0Eh (210 Deg)	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	-.8...	83	-.5	E...	-.8...	E...	-.5				
60	1.2D + 1.0Ev + 1.0Eh (240 Deg)	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	-.5	83	-.8...	E...	-.5	E...	-.8...				
61	1.2D + 1.0Ev + 1.0Eh (270 Deg)	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82		83	-1	E...		E...	-1				
62	1.2D + 1.0Ev + 1.0Eh (300 Deg)	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	.5	83	-.8...	E...	.5	E...	-.8...				
63	1.2D + 1.0Ev + 1.0Eh (330 Deg)	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	.866	83	-.5	E...	.866	E...	-.5				
64	0.9D - 1.0Ev + 1.0Eh (0 Deg)	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	1	83		E...	1	E...					
65	0.9D - 1.0Ev + 1.0Eh (30 Deg)	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	.866	83	.5	E...	.866	E...	.5				
66	0.9D - 1.0Ev + 1.0Eh (60 Deg)	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	.5	83	.866	E...	.5	E...	.866				
67	0.9D - 1.0Ev + 1.0Eh (90 Deg)	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82		83	1	E...		E...	1				
68	0.9D - 1.0Ev + 1.0Eh (120 Deg)	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	-.5	83	.866	E...	-.5	E...	.866				
69	0.9D - 1.0Ev + 1.0Eh (150 Deg)	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	-.8...	83	.5	E...	-.8...	E...	.5				
70	0.9D - 1.0Ev + 1.0Eh (180 Deg)	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	-1	83		E...	-1	E...					
71	0.9D - 1.0Ev + 1.0Eh (210 Deg)	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	-.8...	83	-.5	E...	-.8...	E...	-.5				
72	0.9D - 1.0Ev + 1.0Eh (240 Deg)	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	-.5	83	-.8...	E...	-.5	E...	-.8...				
73	0.9D - 1.0Ev + 1.0Eh (270 Deg)	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82		83	-1	E...		E...	-1				
74	0.9D - 1.0Ev + 1.0Eh (300 Deg)	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	.5	83	-.8...	E...	.5	E...	-.8...				

Load Combinations (Continued)

	Description	S...	P...	S...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...
75	0.9D - 1.0Ev + 1.0Eh (330 Deg)	Yes	Y		1	.9	39	.9	81	-1	E...	-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	N144A	0	0	-1.641667	0	
2	N145	-2.541667	0	-3.141667	0	
3	N146	2.315104	0.166667	-3.141667	0	
4	N147	-2.315104	0.166667	-3.141667	0	
5	N148A	0	0	-3.141667	0	
6	N149	0	0	-6.829167	0	
7	N150	2.315104	0	-3.141667	0	
8	N151	-2.315104	0	-3.141667	0	
9	N152	2.541667	0	-3.141667	0	
10	N153	-0.166667	0	-3.141667	0	
11	N154	0.166667	0	-3.141667	0	
12	N155	-2.541667	0	-3.360417	0	
13	N156	2.541667	0	-3.360417	0	
14	N157	2.458333	0	-3.504754	0	
15	N158	0.571615	0	-6.73219	0	
16	N159	-2.458333	0	-3.504754	0	
17	N160	-0.571615	0	-6.73219	0	
18	N161	2.584629	0	-3.577671	0	
19	N162	-2.584629	0	-3.577671	0	
20	N163	-0.515625	0	-6.829167	0	
21	N164	0.515625	0	-6.829167	0	
22	N165	0.715429	0	-6.815221	0	
23	N166	-0.715429	0	-6.815221	0	
24	N167	0	0	-6.745833	0	
25	N168	0.234238	0.166667	-6.745833	0	
26	N169	0.234238	0	-6.745833	0	
27	N170	-0.234238	0.166667	-6.745833	0	
28	N171	-0.234238	0	-6.745833	0	
29	N172	-1.421725	0	0.820833	0	
30	N173	-1.44993	0	3.771981	0	
31	N174	-3.878315	0.166667	-0.434106	0	
32	N175	-1.563211	0.166667	3.575772	0	
33	N176	-2.720763	0	1.570833	0	
34	N177	-5.914232	0	3.414583	0	
35	N178	-3.878315	0	-0.434106	0	
36	N179	-1.563211	0	3.575772	0	
37	N180	-3.991596	0	-0.630315	0	
38	N181	-2.63743	0	1.715171	0	
39	N182	-2.804096	0	1.426496	0	
40	N183	-1.639373	0	3.881356	0	
41	N184	-4.18104	0	-0.52094	0	
42	N185	-4.264373	0	-0.376602	0	
43	N186	-6.116055	0	2.871062	0	
44	N187	-1.80604	0	3.881356	0	
45	N188	-5.54444	0	3.861128	0	
46	N189	-4.390669	0	-0.449519	0	
47	N190	-1.80604	0	4.02719	0	
48	N191	-5.656419	0	3.861128	0	
49	N192	-6.172044	0	2.968039	0	
50	N193	-6.259869	0	2.788031	0	
51	N194	-5.54444	0	4.02719	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
52	N195	-5.842063	0	3.372917	0	
53	N196	-5.959182	0.166667	3.170061	0	
54	N197	-5.959182	0	3.170061	0	
55	N198	-5.724944	0.166667	3.575772	0	
56	N199	-5.724944	0	3.575772	0	
57	N200	1.421725	0	0.820833	0	
58	N201	3.991596	0	-0.630315	0	
59	N202	1.563211	0.166667	3.575772	0	
60	N203	3.878315	0.166667	-0.434106	0	
61	N204	2.720763	0	1.570833	0	
62	N205	5.914232	0	3.414583	0	
63	N206	1.563211	0	3.575772	0	
64	N207	3.878315	0	-0.434106	0	
65	N208	1.44993	0	3.771981	0	
66	N209	2.804096	0	1.426496	0	
67	N210	2.63743	0	1.715171	0	
68	N211	4.18104	0	-0.52094	0	
69	N212	1.639373	0	3.881356	0	
70	N213	1.80604	0	3.881356	0	
71	N214	5.54444	0	3.861128	0	
72	N215	4.264373	0	-0.376602	0	
73	N216	6.116055	0	2.871062	0	
74	N217	1.80604	0	4.02719	0	
75	N218	4.390669	0	-0.449519	0	
76	N219	6.172044	0	2.968039	0	
77	N220	5.656419	0	3.861128	0	
78	N221	5.54444	0	4.02719	0	
79	N222	6.259869	0	2.788031	0	
80	N223	5.842063	0	3.372917	0	
81	N224	5.724944	0.166667	3.575772	0	
82	N225	5.724944	0	3.575772	0	
83	N226	5.959182	0.166667	3.170061	0	
84	N227	5.959182	0	3.170061	0	
85	N228	0.	0	4.02719	0	
86	N230	6.25	0	4.02719	0	
87	N231	-6.25	0	4.02719	0	
88	N232	6.	0	4.02719	0	
89	N233	6.	0	4.27719	0	
90	N246	6.	-2.25	4.27719	0	
91	N247	6.	5.75	4.27719	0	
92	N248	-1.430762	0	4.02719	0	
93	N249	-5.169162	0	4.02719	0	
94	N250	1.430762	0	4.02719	0	
95	N251	5.169162	0	4.02719	0	
96	N112	6.25	3.5	4.02719	0	
97	N113	-6.25	3.5	4.02719	0	
98	N114	6.	3.5	4.02719	0	
99	N115	6.	3.5	4.27719	0	
100	N122	-5.169162	3.5	4.02719	0	
101	N123	5.169162	3.5	4.02719	0	
102	N124	0.362649	3.5	-7.426254	0	
103	N125	6.612649	3.5	3.399064	0	
104	N126	-6.612649	3.5	3.399064	0	
105	N127	-0.362649	3.5	-7.426254	0	
106	N128	5.391667	3.5	4.02719	0	
107	N129	5.391667	3.5	3.860523	0	
108	N130	-5.391667	3.5	4.02719	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
109	N131	-5.391667	3.5	3.860523	0	
110	N132	0.791815	3.5	-6.682915	0	
111	N133	0.647478	3.5	-6.599582	0	
112	N134	6.183482	3.5	2.655725	0	
113	N135	6.039145	3.5	2.739059	0	
114	N136	-6.183482	3.5	2.655725	0	
115	N137	-6.039145	3.5	2.739059	0	
116	N138	-0.791815	3.5	-6.682915	0	
117	N139	-0.647478	3.5	-6.599582	0	
118	N140	2.	0	4.02719	0	
119	N141	2.	0	4.27719	0	
120	N142	2.	-2.25	4.27719	0	
121	N143	2.	5.75	4.27719	0	
122	N146A	2.	3.5	4.02719	0	
123	N147A	2.	3.5	4.27719	0	
124	N148	-2.	0	4.02719	0	
125	N149A	-2.	0	4.27719	0	
126	N150A	-2.	-2.25	4.27719	0	
127	N151A	-2.	5.75	4.27719	0	
128	N154A	-2.	3.5	4.02719	0	
129	N155A	-2.	3.5	4.27719	0	
130	N156A	-6.	0	4.02719	0	
131	N157A	-6.	0	4.27719	0	
132	N158A	-6.	-2.25	4.27719	0	
133	N159A	-6.	5.75	4.27719	0	
134	N162A	-6.	3.5	4.02719	0	
135	N163A	-6.	3.5	4.27719	0	
136	N144B	0.487649	0	-7.209747	0	
137	N145B	0.704155	0	-7.334747	0	
138	N146B	0.704155	-2.25	-7.334747	0	
139	N147B	0.704155	5.75	-7.334747	0	
140	N152B	0.487649	3.5	-7.209747	0	
141	N153B	0.704155	3.5	-7.334747	0	
142	N158B	2.487649	0	-3.745646	0	
143	N159B	2.704155	0	-3.870646	0	
144	N160B	2.704155	-2.25	-3.870646	0	
145	N161B	2.704155	5.75	-3.870646	0	
146	N164A	2.487649	3.5	-3.745646	0	
147	N165A	2.704155	3.5	-3.870646	0	
148	N166A	4.487649	0	-0.281544	0	
149	N167A	4.704155	0	-0.406544	0	
150	N168A	4.704155	-2.25	-0.406544	0	
151	N169A	4.704155	5.75	-0.406544	0	
152	N172A	4.487649	3.5	-0.281544	0	
153	N173A	4.704155	3.5	-0.406544	0	
154	N174A	6.487649	0	3.182557	0	
155	N175A	6.704155	0	3.057557	0	
156	N176A	6.704155	-2.25	3.057557	0	
157	N177A	6.704155	5.75	3.057557	0	
158	N180A	6.487649	3.5	3.182557	0	
159	N181A	6.704155	3.5	3.057557	0	
160	N182A	-6.487649	0	3.182557	0	
161	N183A	-6.704155	0	3.057557	0	
162	N184A	-6.704155	-2.25	3.057557	0	
163	N185A	-6.704155	5.75	3.057557	0	
164	N190A	-6.487649	3.5	3.182557	0	
165	N191A	-6.704155	3.5	3.057557	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
166	N196A	-4.487649	0	-0.281544	0	
167	N197A	-4.704155	0	-0.406544	0	
168	N198A	-4.704155	-2.25	-0.406544	0	
169	N199A	-4.704155	5.75	-0.406544	0	
170	N202A	-4.487649	3.5	-0.281544	0	
171	N203A	-4.704155	3.5	-0.406544	0	
172	N204A	-2.487649	0	-3.745646	0	
173	N205A	-2.704155	0	-3.870646	0	
174	N206A	-2.704155	-2.25	-3.870646	0	
175	N207A	-2.704155	5.75	-3.870646	0	
176	N210A	-2.487649	3.5	-3.745646	0	
177	N211A	-2.704155	3.5	-3.870646	0	
178	N212A	-0.487649	0	-7.209747	0	
179	N213A	-0.704155	0	-7.334747	0	
180	N214A	-0.704155	-2.25	-7.334747	0	
181	N215A	-0.704155	5.75	-7.334747	0	
182	N218A	-0.487649	3.5	-7.209747	0	
183	N219A	-0.704155	3.5	-7.334747	0	
184	N208B	0.362649	0	-7.426254	0	
185	N209B	6.612649	0	3.399064	0	
186	N210B	-6.612649	0	3.399064	0	
187	N211B	-0.362649	0	-7.426254	0	
188	N212B	0	0	-2.141667	0	
189	N213B	0.266667	0	-2.141667	0	
190	N214B	0.266667	-.5	-2.141667	0	
191	N215B	0.266667	2.5	-2.141667	0	
192	N192A	-1.854738	0	1.070833	0	
193	N193A	-1.988071	0	0.839893	0	
194	N194A	-1.988071	-.5	0.839893	0	
195	N195A	-1.988071	2.5	0.839893	0	

Hot Rolled Steel Section Sets

	Label	Shape	Type	Design List	Material	Design R...	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 Crossmem...	HSS4X4X4	Beam	SquareTube	A500 Gr.B Rect	Typical	3.37	7.8	7.8	12.8
5	Grating Support	L2x2x3	Beam	Single Angle	A36 Gr.36	Typical	.722	.271	.271	.009
6	Mount Pipe	PIPE_2.0	Column	Pipe	A53 Gr.B	Typical	1.02	.627	.627	1.25
7	Cross Arm Plate	PL3/8x6	Column	RECT	A36 Gr.36	Typical	2.25	.026	6.75	.101
8	Support Rail	PIPE_2.0	Beam	Pipe	A53 Gr.B	Typical	1.02	.627	.627	1.25
9	Support Rail Conne...	L2.5x2.5x4	Beam	Single Angle	A36 Gr.36	Typical	1.19	.692	.692	.026
10	Dual Mount Pipe	PIPE_2.5	Column	Pipe	A53 Gr.B	Typical	1.61	1.45	1.45	2.89

Hot Rolled Steel Properties

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

Member Primary Data

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
1	M100	N144A	N149			Standoff Horiz...	Beam	SquareTube	A500 Gr.B...	Typical
2	M101	N152	N154			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
3	M102	N153	N145			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
4	M103	N163	N164			Corner Plate	Beam	BAR	A36 Gr.36	Typical
5	M104	N147	N151			RIGID	None	None	RIGID	Typical
6	M105	N146	N150			RIGID	None	None	RIGID	Typical
7	M106	N168	N146			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
8	M107	N147	N170			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
9	M108	N170	N171			RIGID	None	None	RIGID	Typical
10	M109	N153	N148A			RIGID	None	None	RIGID	Typical
11	M110	N148A	N154			RIGID	None	None	RIGID	Typical
12	M111	N152	N156			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
13	M112	N156	N157			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
14	M113	N157	N161			RIGID	None	None	RIGID	Typical
15	M114	N164	N158			Corner Plate	Beam	BAR	A36 Gr.36	Typical
16	M115	N158	N165			RIGID	None	None	RIGID	Typical
17	M116	N145	N155			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
18	M117	N155	N159			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
19	M118	N159	N162			RIGID	None	None	RIGID	Typical
20	M119	N163	N160			Corner Plate	Beam	BAR	A36 Gr.36	Typical
21	M120	N160	N166			RIGID	None	None	RIGID	Typical
22	M121	N171	N167			RIGID	None	None	RIGID	Typical
23	M122	N167	N169			RIGID	None	None	RIGID	Typical
24	M123	N168	N169			RIGID	None	None	RIGID	Typical
25	M124	N172	N177			Standoff Horiz...	Beam	SquareTube	A500 Gr.B...	Typical
26	M125	N180	N182			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
27	M126	N181	N173			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
28	M127	N191	N192			Corner Plate	Beam	BAR	A36 Gr.36	Typical
29	M128	N175	N179		240	RIGID	None	None	RIGID	Typical
30	M129	N174	N178		240	RIGID	None	None	RIGID	Typical
31	M130	N196	N174			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
32	M131	N175	N198			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
33	M132	N198	N199		240	RIGID	None	None	RIGID	Typical
34	M133	N181	N176			RIGID	None	None	RIGID	Typical
35	M134	N176	N182			RIGID	None	None	RIGID	Typical
36	M135	N180	N184			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
37	M136	N184	N185			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
38	M137	N185	N189			RIGID	None	None	RIGID	Typical
39	M138	N192	N186			Corner Plate	Beam	BAR	A36 Gr.36	Typical
40	M139	N186	N193			RIGID	None	None	RIGID	Typical
41	M140	N173	N183			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
42	M141	N183	N187			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
43	M142	N187	N190			RIGID	None	None	RIGID	Typical
44	M143	N191	N188			Corner Plate	Beam	BAR	A36 Gr.36	Typical
45	M144	N188	N194			RIGID	None	None	RIGID	Typical
46	M145	N199	N195			RIGID	None	None	RIGID	Typical
47	M146	N195	N197			RIGID	None	None	RIGID	Typical
48	M147	N196	N197		240	RIGID	None	None	RIGID	Typical
49	M148	N200	N205			Standoff Horiz...	Beam	SquareTube	A500 Gr.B...	Typical
50	M149	N208	N210			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
51	M150	N209	N201			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
52	M151	N219	N220			Corner Plate	Beam	BAR	A36 Gr.36	Typical
53	M152	N203	N207		120	RIGID	None	None	RIGID	Typical
54	M153	N202	N206		120	RIGID	None	None	RIGID	Typical
55	M154	N224	N202			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
56	M155	N203	N226			Grating Support	Beam	Single Angle	A36 Gr.36	Typical

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
57	M156	N226	N227		120	RIGID	None	None	RIGID	Typical
58	M157	N209	N204			RIGID	None	None	RIGID	Typical
59	M158	N204	N210			RIGID	None	None	RIGID	Typical
60	M159	N208	N212			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
61	M160	N212	N213			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
62	M161	N213	N217			RIGID	None	None	RIGID	Typical
63	M162	N220	N214			Corner Plate	Beam	BAR	A36 Gr.36	Typical
64	M163	N214	N221			RIGID	None	None	RIGID	Typical
65	M164	N201	N211			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
66	M165	N211	N215			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
67	M166	N215	N218			RIGID	None	None	RIGID	Typical
68	M167	N219	N216			Corner Plate	Beam	BAR	A36 Gr.36	Typical
69	M168	N216	N222			RIGID	None	None	RIGID	Typical
70	M169	N227	N223			RIGID	None	None	RIGID	Typical
71	M170	N223	N225			RIGID	None	None	RIGID	Typical
72	M171	N224	N225		120	RIGID	None	None	RIGID	Typical
73	M172	N230	N231			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
74	M173	N232	N233			RIGID	None	None	RIGID	Typical
75	MP1A	N247	N246			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
76	M82	N112	N113			Support Rail	Beam	Pipe	A53 Gr.B	Typical
77	M83	N114	N115			RIGID	None	None	RIGID	Typical
78	M87	N124	N125			Support Rail	Beam	Pipe	A53 Gr.B	Typical
79	M88	N126	N127			Support Rail	Beam	Pipe	A53 Gr.B	Typical
80	M89	N128	N129			RIGID	None	None	RIGID	Typical
81	M90	N130	N131			RIGID	None	None	RIGID	Typical
82	M91	N132	N133			RIGID	None	None	RIGID	Typical
83	M92	N134	N135			RIGID	None	None	RIGID	Typical
84	M93	N136	N137			RIGID	None	None	RIGID	Typical
85	M94	N138	N139			RIGID	None	None	RIGID	Typical
86	M95	N140	N141			RIGID	None	None	RIGID	Typical
87	MP2A	N143	N142			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
88	M97	N146A	N147A			RIGID	None	None	RIGID	Typical
89	M98	N148	N149A			RIGID	None	None	RIGID	Typical
90	MP3A	N151A	N150A			Dual Mount Pipe	Column	Pipe	A53 Gr.B	Typical
91	M100A	N154A	N155A			RIGID	None	None	RIGID	Typical
92	M101A	N156A	N157A			RIGID	None	None	RIGID	Typical
93	MP4A	N159A	N158A			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
94	M103A	N162A	N163A			RIGID	None	None	RIGID	Typical
95	M95A	N144B	N145B			RIGID	None	None	RIGID	Typical
96	MP1C	N147B	N146B		240	Mount Pipe	Column	Pipe	A53 Gr.B	Typical
97	M98A	N152B	N153B			RIGID	None	None	RIGID	Typical
98	M101B	N158B	N159B			RIGID	None	None	RIGID	Typical
99	MP2C	N161B	N160B		240	Mount Pipe	Column	Pipe	A53 Gr.B	Typical
100	M103B	N164A	N165A			RIGID	None	None	RIGID	Typical
101	M104A	N166A	N167A			RIGID	None	None	RIGID	Typical
102	MP3C	N169A	N168A		240	Dual Mount Pipe	Column	Pipe	A53 Gr.B	Typical
103	M106A	N172A	N173A			RIGID	None	None	RIGID	Typical
104	M107A	N174A	N175A			RIGID	None	None	RIGID	Typical
105	MP4C	N177A	N176A		240	Mount Pipe	Column	Pipe	A53 Gr.B	Typical
106	M109A	N180A	N181A			RIGID	None	None	RIGID	Typical
107	M110A	N182A	N183A			RIGID	None	None	RIGID	Typical
108	MP1B	N185A	N184A		120	Mount Pipe	Column	Pipe	A53 Gr.B	Typical
109	M113A	N190A	N191A			RIGID	None	None	RIGID	Typical
110	M116A	N196A	N197A			RIGID	None	None	RIGID	Typical
111	MP2B	N199A	N198A		120	Mount Pipe	Column	Pipe	A53 Gr.B	Typical
112	M118A	N202A	N203A			RIGID	None	None	RIGID	Typical
113	M119A	N204A	N205A			RIGID	None	None	RIGID	Typical

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
114	MP3B	N207A	N206A		120	Dual Mount Pipe	Column	Pipe	A53 Gr.B	Typical
115	M121A	N210A	N211A			RIGID	None	None	RIGID	Typical
116	M122A	N212A	N213A			RIGID	None	None	RIGID	Typical
117	MP4B	N215A	N214A		120	Mount Pipe	Column	Pipe	A53 Gr.B	Typical
118	M124A	N218A	N219A			RIGID	None	None	RIGID	Typical
119	M125A	N208B	N209B			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
120	M126A	N210B	N211B			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
121	M127A	N139	N133		180	Support Rail C...	Beam	Single Angle	A36 Gr.36	Typical
122	M128A	N131	N137		180	Support Rail C...	Beam	Single Angle	A36 Gr.36	Typical
123	M129A	N135	N129		180	Support Rail C...	Beam	Single Angle	A36 Gr.36	Typical
124	OVP2	N215B	N214B			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
125	M131A	N212B	N213B			RIGID	None	None	RIGID	Typical
126	OVP1	N195A	N194A			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
127	M127B	N192A	N193A			RIGID	None	None	RIGID	Typical

Member Advanced Data

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
1	M100						Yes				None
2	M101						Yes	Default			None
3	M102						Yes	Default			None
4	M103						Yes	Default			None
5	M104						Yes	** NA **			None
6	M105						Yes	** NA **			None
7	M106	OOOOOX	OOOOOX				Yes	Default			None
8	M107	OOOOOX	OOOOOX				Yes	Default			None
9	M108						Yes	** NA **			None
10	M109						Yes	** NA **			None
11	M110						Yes	** NA **			None
12	M111						Yes	** NA **			None
13	M112						Yes	** NA **			None
14	M113		BenPIN				Yes	** NA **			None
15	M114						Yes				None
16	M115		BenPIN				Yes	** NA **			None
17	M116						Yes	** NA **			None
18	M117						Yes	** NA **			None
19	M118		BenPIN				Yes	** NA **			None
20	M119						Yes				None
21	M120		BenPIN				Yes	** NA **			None
22	M121						Yes	** NA **			None
23	M122						Yes	** NA **			None
24	M123						Yes	** NA **			None
25	M124						Yes				None
26	M125						Yes	Default			None
27	M126						Yes	Default			None
28	M127						Yes	Default			None
29	M128						Yes	** NA **			None
30	M129						Yes	** NA **			None
31	M130	OOOOOX	OOOOOX				Yes	Default			None
32	M131	OOOOOX	OOOOOX				Yes	Default			None
33	M132						Yes	** NA **			None
34	M133						Yes	** NA **			None
35	M134						Yes	** NA **			None
36	M135						Yes	** NA **			None
37	M136						Yes	** NA **			None
38	M137		BenPIN				Yes	** NA **			None

Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
39	M138						Yes				None
40	M139		BenPIN				Yes	** NA **			None
41	M140						Yes	** NA **			None
42	M141						Yes	** NA **			None
43	M142		BenPIN				Yes	** NA **			None
44	M143						Yes				None
45	M144		BenPIN				Yes	** NA **			None
46	M145						Yes	** NA **			None
47	M146						Yes	** NA **			None
48	M147						Yes	** NA **			None
49	M148						Yes				None
50	M149						Yes	Default			None
51	M150						Yes	Default			None
52	M151						Yes	Default			None
53	M152						Yes	** NA **			None
54	M153						Yes	** NA **			None
55	M154	OOOOOX	OOOOOX				Yes	Default			None
56	M155	OOOOOX	OOOOOX				Yes	Default			None
57	M156						Yes	** NA **			None
58	M157						Yes	** NA **			None
59	M158						Yes	** NA **			None
60	M159						Yes	** NA **			None
61	M160						Yes	** NA **			None
62	M161		BenPIN				Yes	** NA **			None
63	M162						Yes				None
64	M163		BenPIN				Yes	** NA **			None
65	M164						Yes	** NA **			None
66	M165						Yes	** NA **			None
67	M166		BenPIN				Yes	** NA **			None
68	M167						Yes				None
69	M168		BenPIN				Yes	** NA **			None
70	M169						Yes	** NA **			None
71	M170						Yes	** NA **			None
72	M171						Yes	** NA **			None
73	M172						Yes	Default			None
74	M173						Yes	** NA **			None
75	MP1A						Yes	** NA **			None
76	M82						Yes	Default			None
77	M83						Yes	** NA **			None
78	M87						Yes	Default			None
79	M88						Yes	Default			None
80	M89	OOOOOX					Yes	** NA **			None
81	M90	OOOOOX					Yes	** NA **			None
82	M91	OOOOOX					Yes	** NA **			None
83	M92	OOOOOX					Yes	** NA **			None
84	M93	OOOOOX					Yes	** NA **			None
85	M94	OOOOOX					Yes	** NA **			None
86	M95						Yes	** NA **			None
87	MP2A						Yes	** NA **			None
88	M97						Yes	** NA **			None
89	M98						Yes	** NA **			None
90	MP3A						Yes	** NA **			None
91	M100A						Yes	** NA **			None
92	M101A						Yes	** NA **			None
93	MP4A						Yes	** NA **			None
94	M103A						Yes	** NA **			None
95	M95A						Yes	** NA **			None

Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
96	MP1C						Yes	** NA **			None
97	M98A						Yes	** NA **			None
98	M101B						Yes	** NA **			None
99	MP2C						Yes	** NA **			None
100	M103B						Yes	** NA **			None
101	M104A						Yes	** NA **			None
102	MP3C						Yes	** NA **			None
103	M106A						Yes	** NA **			None
104	M107A						Yes	** NA **			None
105	MP4C						Yes	** NA **			None
106	M109A						Yes	** NA **			None
107	M110A						Yes	** NA **			None
108	MP1B						Yes	** NA **			None
109	M113A						Yes	** NA **			None
110	M116A						Yes	** NA **			None
111	MP2B						Yes	** NA **			None
112	M118A						Yes	** NA **			None
113	M119A						Yes	** NA **			None
114	MP3B						Yes	** NA **			None
115	M121A						Yes	** NA **			None
116	M122A						Yes	** NA **			None
117	MP4B						Yes	** NA **			None
118	M124A						Yes	** NA **			None
119	M125A						Yes	Default			None
120	M126A						Yes	Default			None
121	M127A						Yes	Default			None
122	M128A						Yes	Default			None
123	M129A						Yes	Default			None
124	OVP2						Yes	** NA **			None
125	M131A						Yes	** NA **			None
126	OVP1						Yes	** NA **			None
127	M127B						Yes	** NA **			None

Member Point Loads (BLC 1 : Antenna D)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	Y	-17.6	7
2	MP3A	My	.009	7
3	MP3A	Mz	.006	7
4	MP3A	Y	-17.6	7
5	MP3A	My	.009	7
6	MP3A	Mz	-.006	7
7	OVP2	Y	-32	1.5
8	OVP2	My	-.008	1.5
9	OVP2	Mz	.014	1.5
10	MP2A	Y	-43.55	3
11	MP2A	My	-.022	3
12	MP2A	Mz	0	3
13	MP2A	Y	-43.55	5
14	MP2A	My	-.022	5
15	MP2A	Mz	0	5
16	MP2B	Y	-43.55	3
17	MP2B	My	.019	3
18	MP2B	Mz	-.011	3
19	MP2B	Y	-43.55	5
20	MP2B	My	.019	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
21	MP2B	Mz	-.011	5
22	MP2C	Y	-43.55	3
23	MP2C	My	.011	3
24	MP2C	Mz	.019	3
25	MP2C	Y	-43.55	5
26	MP2C	My	.011	5
27	MP2C	Mz	.019	5
28	MP4A	Y	-74.7	3
29	MP4A	My	.037	3
30	MP4A	Mz	0	3
31	MP4B	Y	-74.7	3
32	MP4B	My	-.019	3
33	MP4B	Mz	.032	3
34	MP4C	Y	-74.7	3
35	MP4C	My	-.019	3
36	MP4C	Mz	-.032	3
37	MP3A	Y	-70.3	3
38	MP3A	My	.035	3
39	MP3A	Mz	0	3
40	MP3B	Y	-70.3	3
41	MP3B	My	-.018	3
42	MP3B	Mz	.03	3
43	MP3C	Y	-70.3	3
44	MP3C	My	-.018	3
45	MP3C	Mz	-.03	3
46	MP3A	Y	-20	2
47	MP3A	My	-.01	2
48	MP3A	Mz	.01	2
49	MP3A	Y	-20	6
50	MP3A	My	-.01	6
51	MP3A	Mz	.01	6
52	MP3B	Y	-20	2
53	MP3B	My	.004	2
54	MP3B	Mz	-.014	2
55	MP3B	Y	-20	6
56	MP3B	My	.004	6
57	MP3B	Mz	-.014	6
58	MP3C	Y	-20	2
59	MP3C	My	.014	2
60	MP3C	Mz	.004	2
61	MP3C	Y	-20	6
62	MP3C	My	.014	6
63	MP3C	Mz	.004	6
64	MP3A	Y	-20	2
65	MP3A	My	-.01	2
66	MP3A	Mz	-.01	2
67	MP3A	Y	-20	6
68	MP3A	My	-.01	6
69	MP3A	Mz	-.01	6
70	MP3B	Y	-20	2
71	MP3B	My	.014	2
72	MP3B	Mz	.004	2
73	MP3B	Y	-20	6
74	MP3B	My	.014	6
75	MP3B	Mz	.004	6
76	MP3C	Y	-20	2
77	MP3C	My	-.004	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
78	MP3C	Mz	.014	2
79	MP3C	Y	-20	6
80	MP3C	My	-.004	6
81	MP3C	Mz	.014	6
82	MP1A	Y	-6	3
83	MP1A	My	-.003	3
84	MP1A	Mz	0	3
85	MP1A	Y	-6	5
86	MP1A	My	-.003	5
87	MP1A	Mz	0	5
88	MP1B	Y	-6	3
89	MP1B	My	.002	3
90	MP1B	Mz	-.003	3
91	MP1B	Y	-6	5
92	MP1B	My	.002	5
93	MP1B	Mz	-.003	5
94	MP1C	Y	-6	3
95	MP1C	My	.002	3
96	MP1C	Mz	.003	3
97	MP1C	Y	-6	5
98	MP1C	My	.002	5
99	MP1C	Mz	.003	5
100	MP4A	Y	-6	3
101	MP4A	My	-.003	3
102	MP4A	Mz	0	3
103	MP4A	Y	-6	5
104	MP4A	My	-.003	5
105	MP4A	Mz	0	5
106	MP4B	Y	-6	3
107	MP4B	My	.002	3
108	MP4B	Mz	-.003	3
109	MP4B	Y	-6	5
110	MP4B	My	.002	5
111	MP4B	Mz	-.003	5
112	MP4C	Y	-6	3
113	MP4C	My	.002	3
114	MP4C	Mz	.003	3
115	MP4C	Y	-6	5
116	MP4C	My	.002	5
117	MP4C	Mz	.003	5
118	OVP1	Y	-32	1.5
119	OVP1	My	.016	1.5
120	OVP1	Mz	-.003	1.5

Member Point Loads (BLC 2 : Antenna Di)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	Y	6.6	7
2	MP3A	My	-.003	7
3	MP3A	Mz	-.002	7
4	MP3A	Y	6.6	7
5	MP3A	My	-.003	7
6	MP3A	Mz	.002	7
7	OVP2	Y	-140.369	1.5
8	OVP2	My	-.035	1.5
9	OVP2	Mz	.061	1.5
10	MP2A	Y	-57.471	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
11	MP2A	My	-.029	3
12	MP2A	Mz	0	3
13	MP2A	Y	-57.471	5
14	MP2A	My	-.029	5
15	MP2A	Mz	0	5
16	MP2B	Y	-57.471	3
17	MP2B	My	.025	3
18	MP2B	Mz	-.014	3
19	MP2B	Y	-57.471	5
20	MP2B	My	.025	5
21	MP2B	Mz	-.014	5
22	MP2C	Y	-57.471	3
23	MP2C	My	.014	3
24	MP2C	Mz	.025	3
25	MP2C	Y	-57.471	5
26	MP2C	My	.014	5
27	MP2C	Mz	.025	5
28	MP4A	Y	-72.975	3
29	MP4A	My	.036	3
30	MP4A	Mz	0	3
31	MP4B	Y	-72.975	3
32	MP4B	My	-.018	3
33	MP4B	Mz	.032	3
34	MP4C	Y	-72.975	3
35	MP4C	My	-.018	3
36	MP4C	Mz	-.032	3
37	MP3A	Y	-69.623	3
38	MP3A	My	.035	3
39	MP3A	Mz	0	3
40	MP3B	Y	-69.623	3
41	MP3B	My	-.017	3
42	MP3B	Mz	.03	3
43	MP3C	Y	-69.623	3
44	MP3C	My	-.017	3
45	MP3C	Mz	-.03	3
46	MP3A	Y	-97.961	2
47	MP3A	My	-.049	2
48	MP3A	Mz	.049	2
49	MP3A	Y	-97.961	6
50	MP3A	My	-.049	6
51	MP3A	Mz	.049	6
52	MP3B	Y	-97.961	2
53	MP3B	My	.018	2
54	MP3B	Mz	-.067	2
55	MP3B	Y	-97.961	6
56	MP3B	My	.018	6
57	MP3B	Mz	-.067	6
58	MP3C	Y	-97.961	2
59	MP3C	My	.067	2
60	MP3C	Mz	.018	2
61	MP3C	Y	-97.961	6
62	MP3C	My	.067	6
63	MP3C	Mz	.018	6
64	MP3A	Y	-97.961	2
65	MP3A	My	-.049	2
66	MP3A	Mz	-.049	2
67	MP3A	Y	-97.961	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
68	MP3A	My	-.049	6
69	MP3A	Mz	-.049	6
70	MP3B	Y	-97.961	2
71	MP3B	My	.067	2
72	MP3B	Mz	.018	2
73	MP3B	Y	-97.961	6
74	MP3B	My	.067	6
75	MP3B	Mz	.018	6
76	MP3C	Y	-97.961	2
77	MP3C	My	-.018	2
78	MP3C	Mz	.067	2
79	MP3C	Y	-97.961	6
80	MP3C	My	-.018	6
81	MP3C	Mz	.067	6
82	MP1A	Y	-65.011	3
83	MP1A	My	-.033	3
84	MP1A	Mz	0	3
85	MP1A	Y	-65.011	5
86	MP1A	My	-.033	5
87	MP1A	Mz	0	5
88	MP1B	Y	-65.011	3
89	MP1B	My	.016	3
90	MP1B	Mz	-.028	3
91	MP1B	Y	-65.011	5
92	MP1B	My	.016	5
93	MP1B	Mz	-.028	5
94	MP1C	Y	-65.011	3
95	MP1C	My	.016	3
96	MP1C	Mz	.028	3
97	MP1C	Y	-65.011	5
98	MP1C	My	.016	5
99	MP1C	Mz	.028	5
100	MP4A	Y	-65.011	3
101	MP4A	My	-.033	3
102	MP4A	Mz	0	3
103	MP4A	Y	-65.011	5
104	MP4A	My	-.033	5
105	MP4A	Mz	0	5
106	MP4B	Y	-65.011	3
107	MP4B	My	.016	3
108	MP4B	Mz	-.028	3
109	MP4B	Y	-65.011	5
110	MP4B	My	.016	5
111	MP4B	Mz	-.028	5
112	MP4C	Y	-65.011	3
113	MP4C	My	.016	3
114	MP4C	Mz	.028	3
115	MP4C	Y	-65.011	5
116	MP4C	My	.016	5
117	MP4C	Mz	.028	5
118	OVP1	Y	-140.369	1.5
119	OVP1	My	.069	1.5
120	OVP1	Mz	-.012	1.5

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

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

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	0	7
2	MP3A	Z	-33.436	7
3	MP3A	Mx	-.011	7
4	MP3A	X	0	7
5	MP3A	Z	-33.436	7
6	MP3A	Mx	.011	7
7	OVP2	X	0	1.5
8	OVP2	Z	-90.556	1.5
9	OVP2	Mx	-.039	1.5
10	MP2A	X	0	3
11	MP2A	Z	-68.48	3
12	MP2A	Mx	0	3
13	MP2A	X	0	5
14	MP2A	Z	-68.48	5
15	MP2A	Mx	0	5
16	MP2B	X	0	3
17	MP2B	Z	-57.256	3
18	MP2B	Mx	.014	3
19	MP2B	X	0	5
20	MP2B	Z	-57.256	5
21	MP2B	Mx	.014	5
22	MP2C	X	0	3
23	MP2C	Z	-34.808	3
24	MP2C	Mx	-.015	3
25	MP2C	X	0	5
26	MP2C	Z	-34.808	5
27	MP2C	Mx	-.015	5
28	MP4A	X	0	3
29	MP4A	Z	-53.986	3
30	MP4A	Mx	0	3
31	MP4B	X	0	3
32	MP4B	Z	-40.663	3
33	MP4B	Mx	-.018	3
34	MP4C	X	0	3
35	MP4C	Z	-40.663	3
36	MP4C	Mx	.018	3
37	MP3A	X	0	3
38	MP3A	Z	-53.986	3
39	MP3A	Mx	0	3
40	MP3B	X	0	3
41	MP3B	Z	-38.051	3
42	MP3B	Mx	-.016	3
43	MP3C	X	0	3
44	MP3C	Z	-38.051	3
45	MP3C	Mx	.016	3
46	MP3A	X	0	2
47	MP3A	Z	-95.955	2
48	MP3A	Mx	-.048	2
49	MP3A	X	0	6
50	MP3A	Z	-95.955	6
51	MP3A	Mx	-.048	6
52	MP3B	X	0	2
53	MP3B	Z	-82.284	2
54	MP3B	Mx	.056	2
55	MP3B	X	0	6
56	MP3B	Z	-82.284	6
57	MP3B	Mx	.056	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3C	X	0	2
59	MP3C	Z	-54.943	2
60	MP3C	Mx	-.01	2
61	MP3C	X	0	6
62	MP3C	Z	-54.943	6
63	MP3C	Mx	-.01	6
64	MP3A	X	0	2
65	MP3A	Z	-95.955	2
66	MP3A	Mx	.048	2
67	MP3A	X	0	6
68	MP3A	Z	-95.955	6
69	MP3A	Mx	.048	6
70	MP3B	X	0	2
71	MP3B	Z	-82.284	2
72	MP3B	Mx	-.015	2
73	MP3B	X	0	6
74	MP3B	Z	-82.284	6
75	MP3B	Mx	-.015	6
76	MP3C	X	0	2
77	MP3C	Z	-54.943	2
78	MP3C	Mx	-.038	2
79	MP3C	X	0	6
80	MP3C	Z	-54.943	6
81	MP3C	Mx	-.038	6
82	MP1A	X	0	3
83	MP1A	Z	-45.452	3
84	MP1A	Mx	0	3
85	MP1A	X	0	5
86	MP1A	Z	-45.452	5
87	MP1A	Mx	0	5
88	MP1B	X	0	3
89	MP1B	Z	-81.878	3
90	MP1B	Mx	.035	3
91	MP1B	X	0	5
92	MP1B	Z	-81.878	5
93	MP1B	Mx	.035	5
94	MP1C	X	0	3
95	MP1C	Z	-81.878	3
96	MP1C	Mx	-.035	3
97	MP1C	X	0	5
98	MP1C	Z	-81.878	5
99	MP1C	Mx	-.035	5
100	MP4A	X	0	3
101	MP4A	Z	-45.452	3
102	MP4A	Mx	0	3
103	MP4A	X	0	5
104	MP4A	Z	-45.452	5
105	MP4A	Mx	0	5
106	MP4B	X	0	3
107	MP4B	Z	-81.878	3
108	MP4B	Mx	.035	3
109	MP4B	X	0	5
110	MP4B	Z	-81.878	5
111	MP4B	Mx	.035	5
112	MP4C	X	0	3
113	MP4C	Z	-81.878	3
114	MP4C	Mx	-.035	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
115	MP4C	X	0	5
116	MP4C	Z	-81.878	5
117	MP4C	Mx	-.035	5
118	OVP1	X	0	1.5
119	OVP1	Z	-109.611	1.5
120	OVP1	Mx	.01	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	16.73	7
2	MP3A	Z	-28.978	7
3	MP3A	Mx	-.001	7
4	MP3A	X	16.73	7
5	MP3A	Z	-28.978	7
6	MP3A	Mx	.018	7
7	OVP2	X	41.969	1.5
8	OVP2	Z	-72.693	1.5
9	OVP2	Mx	-.042	1.5
10	MP2A	X	28.628	3
11	MP2A	Z	-49.585	3
12	MP2A	Mx	-.014	3
13	MP2A	X	28.628	5
14	MP2A	Z	-49.585	5
15	MP2A	Mx	-.014	5
16	MP2B	X	17.404	3
17	MP2B	Z	-30.145	3
18	MP2B	Mx	.015	3
19	MP2B	X	17.404	5
20	MP2B	Z	-30.145	5
21	MP2B	Mx	.015	5
22	MP2C	X	28.628	3
23	MP2C	Z	-49.585	3
24	MP2C	Mx	-.014	3
25	MP2C	X	28.628	5
26	MP2C	Z	-49.585	5
27	MP2C	Mx	-.014	5
28	MP4A	X	24.772	3
29	MP4A	Z	-42.907	3
30	MP4A	Mx	.012	3
31	MP4B	X	18.111	3
32	MP4B	Z	-31.37	3
33	MP4B	Mx	-.018	3
34	MP4C	X	24.772	3
35	MP4C	Z	-42.907	3
36	MP4C	Mx	.012	3
37	MP3A	X	24.337	3
38	MP3A	Z	-42.153	3
39	MP3A	Mx	.012	3
40	MP3B	X	16.37	3
41	MP3B	Z	-28.353	3
42	MP3B	Mx	-.016	3
43	MP3C	X	24.337	3
44	MP3C	Z	-42.153	3
45	MP3C	Mx	.012	3
46	MP3A	X	41.142	2
47	MP3A	Z	-71.26	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
48	MP3A	Mx	-.056	2
49	MP3A	X	41.142	6
50	MP3A	Z	-71.26	6
51	MP3A	Mx	-.056	6
52	MP3B	X	27.472	2
53	MP3B	Z	-47.582	2
54	MP3B	Mx	.038	2
55	MP3B	X	27.472	6
56	MP3B	Z	-47.582	6
57	MP3B	Mx	.038	6
58	MP3C	X	41.142	2
59	MP3C	Z	-71.26	2
60	MP3C	Mx	.015	2
61	MP3C	X	41.142	6
62	MP3C	Z	-71.26	6
63	MP3C	Mx	.015	6
64	MP3A	X	41.142	2
65	MP3A	Z	-71.26	2
66	MP3A	Mx	.015	2
67	MP3A	X	41.142	6
68	MP3A	Z	-71.26	6
69	MP3A	Mx	.015	6
70	MP3B	X	27.472	2
71	MP3B	Z	-47.582	2
72	MP3B	Mx	.01	2
73	MP3B	X	27.472	6
74	MP3B	Z	-47.582	6
75	MP3B	Mx	.01	6
76	MP3C	X	41.142	2
77	MP3C	Z	-71.26	2
78	MP3C	Mx	-.056	2
79	MP3C	X	41.142	6
80	MP3C	Z	-71.26	6
81	MP3C	Mx	-.056	6
82	MP1A	X	28.797	3
83	MP1A	Z	-49.878	3
84	MP1A	Mx	-.014	3
85	MP1A	X	28.797	5
86	MP1A	Z	-49.878	5
87	MP1A	Mx	-.014	5
88	MP1B	X	47.01	3
89	MP1B	Z	-81.423	3
90	MP1B	Mx	.047	3
91	MP1B	X	47.01	5
92	MP1B	Z	-81.423	5
93	MP1B	Mx	.047	5
94	MP1C	X	28.797	3
95	MP1C	Z	-49.878	3
96	MP1C	Mx	-.014	3
97	MP1C	X	28.797	5
98	MP1C	Z	-49.878	5
99	MP1C	Mx	-.014	5
100	MP4A	X	28.797	3
101	MP4A	Z	-49.878	3
102	MP4A	Mx	-.014	3
103	MP4A	X	28.797	5
104	MP4A	Z	-49.878	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
105	MP4A	Mx	-.014	5
106	MP4B	X	47.01	3
107	MP4B	Z	-81.423	3
108	MP4B	Mx	.047	3
109	MP4B	X	47.01	5
110	MP4B	Z	-81.423	5
111	MP4B	Mx	.047	5
112	MP4C	X	28.797	3
113	MP4C	Z	-49.878	3
114	MP4C	Mx	-.014	3
115	MP4C	X	28.797	5
116	MP4C	Z	-49.878	5
117	MP4C	Mx	-.014	5
118	OVP1	X	49.736	1.5
119	OVP1	Z	-86.146	1.5
120	OVP1	Mx	.032	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	29.021	7
2	MP3A	Z	-16.755	7
3	MP3A	Mx	.009	7
4	MP3A	X	29.021	7
5	MP3A	Z	-16.755	7
6	MP3A	Mx	.02	7
7	OVP2	X	78.424	1.5
8	OVP2	Z	-45.278	1.5
9	OVP2	Mx	-.039	1.5
10	MP2A	X	30.145	3
11	MP2A	Z	-17.404	3
12	MP2A	Mx	-.015	3
13	MP2A	X	30.145	5
14	MP2A	Z	-17.404	5
15	MP2A	Mx	-.015	5
16	MP2B	X	20.424	3
17	MP2B	Z	-11.792	3
18	MP2B	Mx	.012	3
19	MP2B	X	20.424	5
20	MP2B	Z	-11.792	5
21	MP2B	Mx	.012	5
22	MP2C	X	59.306	3
23	MP2C	Z	-34.24	3
24	MP2C	Mx	0	3
25	MP2C	X	59.306	5
26	MP2C	Z	-34.24	5
27	MP2C	Mx	0	5
28	MP4A	X	35.215	3
29	MP4A	Z	-20.332	3
30	MP4A	Mx	.018	3
31	MP4B	X	35.215	3
32	MP4B	Z	-20.332	3
33	MP4B	Mx	-.018	3
34	MP4C	X	46.753	3
35	MP4C	Z	-26.993	3
36	MP4C	Mx	0	3
37	MP3A	X	32.953	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
38	MP3A	Z	-19.026	3
39	MP3A	Mx	.016	3
40	MP3B	X	32.953	3
41	MP3B	Z	-19.026	3
42	MP3B	Mx	-.016	3
43	MP3C	X	46.753	3
44	MP3C	Z	-26.993	3
45	MP3C	Mx	0	3
46	MP3A	X	47.582	2
47	MP3A	Z	-27.472	2
48	MP3A	Mx	-.038	2
49	MP3A	X	47.582	6
50	MP3A	Z	-27.472	6
51	MP3A	Mx	-.038	6
52	MP3B	X	35.743	2
53	MP3B	Z	-20.636	2
54	MP3B	Mx	.021	2
55	MP3B	X	35.743	6
56	MP3B	Z	-20.636	6
57	MP3B	Mx	.021	6
58	MP3C	X	83.099	2
59	MP3C	Z	-47.978	2
60	MP3C	Mx	.048	2
61	MP3C	X	83.099	6
62	MP3C	Z	-47.978	6
63	MP3C	Mx	.048	6
64	MP3A	X	47.582	2
65	MP3A	Z	-27.472	2
66	MP3A	Mx	-.01	2
67	MP3A	X	47.582	6
68	MP3A	Z	-27.472	6
69	MP3A	Mx	-.01	6
70	MP3B	X	35.743	2
71	MP3B	Z	-20.636	2
72	MP3B	Mx	.021	2
73	MP3B	X	35.743	6
74	MP3B	Z	-20.636	6
75	MP3B	Mx	.021	6
76	MP3C	X	83.099	2
77	MP3C	Z	-47.978	2
78	MP3C	Mx	-.048	2
79	MP3C	X	83.099	6
80	MP3C	Z	-47.978	6
81	MP3C	Mx	-.048	6
82	MP1A	X	70.908	3
83	MP1A	Z	-40.939	3
84	MP1A	Mx	-.035	3
85	MP1A	X	70.908	5
86	MP1A	Z	-40.939	5
87	MP1A	Mx	-.035	5
88	MP1B	X	70.908	3
89	MP1B	Z	-40.939	3
90	MP1B	Mx	.035	3
91	MP1B	X	70.908	5
92	MP1B	Z	-40.939	5
93	MP1B	Mx	.035	5
94	MP1C	X	39.363	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
95	MP1C	Z	-22.726	3
96	MP1C	Mx	0	3
97	MP1C	X	39.363	5
98	MP1C	Z	-22.726	5
99	MP1C	Mx	0	5
100	MP4A	X	70.908	3
101	MP4A	Z	-40.939	3
102	MP4A	Mx	-.035	3
103	MP4A	X	70.908	5
104	MP4A	Z	-40.939	5
105	MP4A	Mx	-.035	5
106	MP4B	X	70.908	3
107	MP4B	Z	-40.939	3
108	MP4B	Mx	.035	3
109	MP4B	X	70.908	5
110	MP4B	Z	-40.939	5
111	MP4B	Mx	.035	5
112	MP4C	X	39.363	3
113	MP4C	Z	-22.726	3
114	MP4C	Mx	0	3
115	MP4C	X	39.363	5
116	MP4C	Z	-22.726	5
117	MP4C	Mx	0	5
118	OVP1	X	75.375	1.5
119	OVP1	Z	-43.518	1.5
120	OVP1	Mx	.041	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	33.535	7
2	MP3A	Z	0	7
3	MP3A	Mx	.017	7
4	MP3A	X	33.535	7
5	MP3A	Z	0	7
6	MP3A	Mx	.017	7
7	OVP2	X	103.792	1.5
8	OVP2	Z	0	1.5
9	OVP2	Mx	-.026	1.5
10	MP2A	X	23.584	3
11	MP2A	Z	0	3
12	MP2A	Mx	-.012	3
13	MP2A	X	23.584	5
14	MP2A	Z	0	5
15	MP2A	Mx	-.012	5
16	MP2B	X	34.808	3
17	MP2B	Z	0	3
18	MP2B	Mx	.015	3
19	MP2B	X	34.808	5
20	MP2B	Z	0	5
21	MP2B	Mx	.015	5
22	MP2C	X	57.256	3
23	MP2C	Z	0	3
24	MP2C	Mx	.014	3
25	MP2C	X	57.256	5
26	MP2C	Z	0	5
27	MP2C	Mx	.014	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
28	MP4A	X	36.223	3
29	MP4A	Z	0	3
30	MP4A	Mx	.018	3
31	MP4B	X	49.545	3
32	MP4B	Z	0	3
33	MP4B	Mx	-.012	3
34	MP4C	X	49.545	3
35	MP4C	Z	0	3
36	MP4C	Mx	-.012	3
37	MP3A	X	32.74	3
38	MP3A	Z	0	3
39	MP3A	Mx	.016	3
40	MP3B	X	48.674	3
41	MP3B	Z	0	3
42	MP3B	Mx	-.012	3
43	MP3C	X	48.674	3
44	MP3C	Z	0	3
45	MP3C	Mx	-.012	3
46	MP3A	X	41.273	2
47	MP3A	Z	0	2
48	MP3A	Mx	-.021	2
49	MP3A	X	41.273	6
50	MP3A	Z	0	6
51	MP3A	Mx	-.021	6
52	MP3B	X	54.943	2
53	MP3B	Z	0	2
54	MP3B	Mx	.01	2
55	MP3B	X	54.943	6
56	MP3B	Z	0	6
57	MP3B	Mx	.01	6
58	MP3C	X	82.284	2
59	MP3C	Z	0	2
60	MP3C	Mx	.056	2
61	MP3C	X	82.284	6
62	MP3C	Z	0	6
63	MP3C	Mx	.056	6
64	MP3A	X	41.273	2
65	MP3A	Z	0	2
66	MP3A	Mx	-.021	2
67	MP3A	X	41.273	6
68	MP3A	Z	0	6
69	MP3A	Mx	-.021	6
70	MP3B	X	54.943	2
71	MP3B	Z	0	2
72	MP3B	Mx	.038	2
73	MP3B	X	54.943	6
74	MP3B	Z	0	6
75	MP3B	Mx	.038	6
76	MP3C	X	82.284	2
77	MP3C	Z	0	2
78	MP3C	Mx	-.015	2
79	MP3C	X	82.284	6
80	MP3C	Z	0	6
81	MP3C	Mx	-.015	6
82	MP1A	X	94.02	3
83	MP1A	Z	0	3
84	MP1A	Mx	-.047	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
85	MP1A	X	94.02	5
86	MP1A	Z	0	5
87	MP1A	Mx	-.047	5
88	MP1B	X	57.594	3
89	MP1B	Z	0	3
90	MP1B	Mx	.014	3
91	MP1B	X	57.594	5
92	MP1B	Z	0	5
93	MP1B	Mx	.014	5
94	MP1C	X	57.594	3
95	MP1C	Z	0	3
96	MP1C	Mx	.014	3
97	MP1C	X	57.594	5
98	MP1C	Z	0	5
99	MP1C	Mx	.014	5
100	MP4A	X	94.02	3
101	MP4A	Z	0	3
102	MP4A	Mx	-.047	3
103	MP4A	X	94.02	5
104	MP4A	Z	0	5
105	MP4A	Mx	-.047	5
106	MP4B	X	57.594	3
107	MP4B	Z	0	3
108	MP4B	Mx	.014	3
109	MP4B	X	57.594	5
110	MP4B	Z	0	5
111	MP4B	Mx	.014	5
112	MP4C	X	57.594	3
113	MP4C	Z	0	3
114	MP4C	Mx	.014	3
115	MP4C	X	57.594	5
116	MP4C	Z	0	5
117	MP4C	Mx	.014	5
118	OVP1	X	84.737	1.5
119	OVP1	Z	0	1.5
120	OVP1	Mx	.042	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	29.021	7
2	MP3A	Z	16.755	7
3	MP3A	Mx	.02	7
4	MP3A	X	29.021	7
5	MP3A	Z	16.755	7
6	MP3A	Mx	.009	7
7	OVP2	X	95.617	1.5
8	OVP2	Z	55.205	1.5
9	OVP2	Mx	0	1.5
10	MP2A	X	30.145	3
11	MP2A	Z	17.404	3
12	MP2A	Mx	-.015	3
13	MP2A	X	30.145	5
14	MP2A	Z	17.404	5
15	MP2A	Mx	-.015	5
16	MP2B	X	49.585	3
17	MP2B	Z	28.628	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
18	MP2B	Mx	.014	3
19	MP2B	X	49.585	5
20	MP2B	Z	28.628	5
21	MP2B	Mx	.014	5
22	MP2C	X	30.145	3
23	MP2C	Z	17.404	3
24	MP2C	Mx	.015	3
25	MP2C	X	30.145	5
26	MP2C	Z	17.404	5
27	MP2C	Mx	.015	5
28	MP4A	X	35.215	3
29	MP4A	Z	20.332	3
30	MP4A	Mx	.018	3
31	MP4B	X	46.753	3
32	MP4B	Z	26.993	3
33	MP4B	Mx	0	3
34	MP4C	X	35.215	3
35	MP4C	Z	20.332	3
36	MP4C	Mx	-.018	3
37	MP3A	X	32.953	3
38	MP3A	Z	19.026	3
39	MP3A	Mx	.016	3
40	MP3B	X	46.753	3
41	MP3B	Z	26.993	3
42	MP3B	Mx	0	3
43	MP3C	X	32.953	3
44	MP3C	Z	19.026	3
45	MP3C	Mx	-.016	3
46	MP3A	X	47.582	2
47	MP3A	Z	27.472	2
48	MP3A	Mx	-.01	2
49	MP3A	X	47.582	6
50	MP3A	Z	27.472	6
51	MP3A	Mx	-.01	6
52	MP3B	X	71.26	2
53	MP3B	Z	41.142	2
54	MP3B	Mx	-.015	2
55	MP3B	X	71.26	6
56	MP3B	Z	41.142	6
57	MP3B	Mx	-.015	6
58	MP3C	X	47.582	2
59	MP3C	Z	27.472	2
60	MP3C	Mx	.038	2
61	MP3C	X	47.582	6
62	MP3C	Z	27.472	6
63	MP3C	Mx	.038	6
64	MP3A	X	47.582	2
65	MP3A	Z	27.472	2
66	MP3A	Mx	-.038	2
67	MP3A	X	47.582	6
68	MP3A	Z	27.472	6
69	MP3A	Mx	-.038	6
70	MP3B	X	71.26	2
71	MP3B	Z	41.142	2
72	MP3B	Mx	.056	2
73	MP3B	X	71.26	6
74	MP3B	Z	41.142	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
75	MP3B	Mx	.056	6
76	MP3C	X	47.582	2
77	MP3C	Z	27.472	2
78	MP3C	Mx	.01	2
79	MP3C	X	47.582	6
80	MP3C	Z	27.472	6
81	MP3C	Mx	.01	6
82	MP1A	X	70.908	3
83	MP1A	Z	40.939	3
84	MP1A	Mx	-.035	3
85	MP1A	X	70.908	5
86	MP1A	Z	40.939	5
87	MP1A	Mx	-.035	5
88	MP1B	X	39.363	3
89	MP1B	Z	22.726	3
90	MP1B	Mx	0	3
91	MP1B	X	39.363	5
92	MP1B	Z	22.726	5
93	MP1B	Mx	0	5
94	MP1C	X	70.908	3
95	MP1C	Z	40.939	3
96	MP1C	Mx	.035	3
97	MP1C	X	70.908	5
98	MP1C	Z	40.939	5
99	MP1C	Mx	.035	5
100	MP4A	X	70.908	3
101	MP4A	Z	40.939	3
102	MP4A	Mx	-.035	3
103	MP4A	X	70.908	5
104	MP4A	Z	40.939	5
105	MP4A	Mx	-.035	5
106	MP4B	X	39.363	3
107	MP4B	Z	22.726	3
108	MP4B	Mx	0	3
109	MP4B	X	39.363	5
110	MP4B	Z	22.726	5
111	MP4B	Mx	0	5
112	MP4C	X	70.908	3
113	MP4C	Z	40.939	3
114	MP4C	Mx	.035	3
115	MP4C	X	70.908	5
116	MP4C	Z	40.939	5
117	MP4C	Mx	.035	5
118	OVP1	X	82.165	1.5
119	OVP1	Z	47.438	1.5
120	OVP1	Mx	.036	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	16.73	7
2	MP3A	Z	28.978	7
3	MP3A	Mx	.018	7
4	MP3A	X	16.73	7
5	MP3A	Z	28.978	7
6	MP3A	Mx	-.001	7
7	OVP2	X	51.896	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
8	OVP2	Z	89.886	1.5
9	OVP2	Mx	.026	1.5
10	MP2A	X	28.628	3
11	MP2A	Z	49.585	3
12	MP2A	Mx	-.014	3
13	MP2A	X	28.628	5
14	MP2A	Z	49.585	5
15	MP2A	Mx	-.014	5
16	MP2B	X	34.24	3
17	MP2B	Z	59.306	3
18	MP2B	Mx	0	3
19	MP2B	X	34.24	5
20	MP2B	Z	59.306	5
21	MP2B	Mx	0	5
22	MP2C	X	11.792	3
23	MP2C	Z	20.424	3
24	MP2C	Mx	.012	3
25	MP2C	X	11.792	5
26	MP2C	Z	20.424	5
27	MP2C	Mx	.012	5
28	MP4A	X	24.772	3
29	MP4A	Z	42.907	3
30	MP4A	Mx	.012	3
31	MP4B	X	24.772	3
32	MP4B	Z	42.907	3
33	MP4B	Mx	.012	3
34	MP4C	X	18.111	3
35	MP4C	Z	31.37	3
36	MP4C	Mx	-.018	3
37	MP3A	X	24.337	3
38	MP3A	Z	42.153	3
39	MP3A	Mx	.012	3
40	MP3B	X	24.337	3
41	MP3B	Z	42.153	3
42	MP3B	Mx	.012	3
43	MP3C	X	16.37	3
44	MP3C	Z	28.353	3
45	MP3C	Mx	-.016	3
46	MP3A	X	41.142	2
47	MP3A	Z	71.26	2
48	MP3A	Mx	.015	2
49	MP3A	X	41.142	6
50	MP3A	Z	71.26	6
51	MP3A	Mx	.015	6
52	MP3B	X	47.978	2
53	MP3B	Z	83.099	2
54	MP3B	Mx	-.048	2
55	MP3B	X	47.978	6
56	MP3B	Z	83.099	6
57	MP3B	Mx	-.048	6
58	MP3C	X	20.636	2
59	MP3C	Z	35.743	2
60	MP3C	Mx	.021	2
61	MP3C	X	20.636	6
62	MP3C	Z	35.743	6
63	MP3C	Mx	.021	6
64	MP3A	X	41.142	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
65	MP3A	Z	71.26	2
66	MP3A	Mx	-.056	2
67	MP3A	X	41.142	6
68	MP3A	Z	71.26	6
69	MP3A	Mx	-.056	6
70	MP3B	X	47.978	2
71	MP3B	Z	83.099	2
72	MP3B	Mx	.048	2
73	MP3B	X	47.978	6
74	MP3B	Z	83.099	6
75	MP3B	Mx	.048	6
76	MP3C	X	20.636	2
77	MP3C	Z	35.743	2
78	MP3C	Mx	.021	2
79	MP3C	X	20.636	6
80	MP3C	Z	35.743	6
81	MP3C	Mx	.021	6
82	MP1A	X	28.797	3
83	MP1A	Z	49.878	3
84	MP1A	Mx	-.014	3
85	MP1A	X	28.797	5
86	MP1A	Z	49.878	5
87	MP1A	Mx	-.014	5
88	MP1B	X	28.797	3
89	MP1B	Z	49.878	3
90	MP1B	Mx	-.014	3
91	MP1B	X	28.797	5
92	MP1B	Z	49.878	5
93	MP1B	Mx	-.014	5
94	MP1C	X	47.01	3
95	MP1C	Z	81.423	3
96	MP1C	Mx	.047	3
97	MP1C	X	47.01	5
98	MP1C	Z	81.423	5
99	MP1C	Mx	.047	5
100	MP4A	X	28.797	3
101	MP4A	Z	49.878	3
102	MP4A	Mx	-.014	3
103	MP4A	X	28.797	5
104	MP4A	Z	49.878	5
105	MP4A	Mx	-.014	5
106	MP4B	X	28.797	3
107	MP4B	Z	49.878	3
108	MP4B	Mx	-.014	3
109	MP4B	X	28.797	5
110	MP4B	Z	49.878	5
111	MP4B	Mx	-.014	5
112	MP4C	X	47.01	3
113	MP4C	Z	81.423	3
114	MP4C	Mx	.047	3
115	MP4C	X	47.01	5
116	MP4C	Z	81.423	5
117	MP4C	Mx	.047	5
118	OVP1	X	53.656	1.5
119	OVP1	Z	92.936	1.5
120	OVP1	Mx	.018	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	0	7
2	MP3A	Z	33.436	7
3	MP3A	Mx	.011	7
4	MP3A	X	0	7
5	MP3A	Z	33.436	7
6	MP3A	Mx	-.011	7
7	OVP2	X	0	1.5
8	OVP2	Z	90.556	1.5
9	OVP2	Mx	.039	1.5
10	MP2A	X	0	3
11	MP2A	Z	68.48	3
12	MP2A	Mx	0	3
13	MP2A	X	0	5
14	MP2A	Z	68.48	5
15	MP2A	Mx	0	5
16	MP2B	X	0	3
17	MP2B	Z	57.256	3
18	MP2B	Mx	-.014	3
19	MP2B	X	0	5
20	MP2B	Z	57.256	5
21	MP2B	Mx	-.014	5
22	MP2C	X	0	3
23	MP2C	Z	34.808	3
24	MP2C	Mx	.015	3
25	MP2C	X	0	5
26	MP2C	Z	34.808	5
27	MP2C	Mx	.015	5
28	MP4A	X	0	3
29	MP4A	Z	53.986	3
30	MP4A	Mx	0	3
31	MP4B	X	0	3
32	MP4B	Z	40.663	3
33	MP4B	Mx	.018	3
34	MP4C	X	0	3
35	MP4C	Z	40.663	3
36	MP4C	Mx	-.018	3
37	MP3A	X	0	3
38	MP3A	Z	53.986	3
39	MP3A	Mx	0	3
40	MP3B	X	0	3
41	MP3B	Z	38.051	3
42	MP3B	Mx	.016	3
43	MP3C	X	0	3
44	MP3C	Z	38.051	3
45	MP3C	Mx	-.016	3
46	MP3A	X	0	2
47	MP3A	Z	95.955	2
48	MP3A	Mx	.048	2
49	MP3A	X	0	6
50	MP3A	Z	95.955	6
51	MP3A	Mx	.048	6
52	MP3B	X	0	2
53	MP3B	Z	82.284	2
54	MP3B	Mx	-.056	2
55	MP3B	X	0	6
56	MP3B	Z	82.284	6
57	MP3B	Mx	-.056	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3C	X	0	2
59	MP3C	Z	54.943	2
60	MP3C	Mx	.01	2
61	MP3C	X	0	6
62	MP3C	Z	54.943	6
63	MP3C	Mx	.01	6
64	MP3A	X	0	2
65	MP3A	Z	95.955	2
66	MP3A	Mx	-.048	2
67	MP3A	X	0	6
68	MP3A	Z	95.955	6
69	MP3A	Mx	-.048	6
70	MP3B	X	0	2
71	MP3B	Z	82.284	2
72	MP3B	Mx	.015	2
73	MP3B	X	0	6
74	MP3B	Z	82.284	6
75	MP3B	Mx	.015	6
76	MP3C	X	0	2
77	MP3C	Z	54.943	2
78	MP3C	Mx	.038	2
79	MP3C	X	0	6
80	MP3C	Z	54.943	6
81	MP3C	Mx	.038	6
82	MP1A	X	0	3
83	MP1A	Z	45.452	3
84	MP1A	Mx	0	3
85	MP1A	X	0	5
86	MP1A	Z	45.452	5
87	MP1A	Mx	0	5
88	MP1B	X	0	3
89	MP1B	Z	81.878	3
90	MP1B	Mx	-.035	3
91	MP1B	X	0	5
92	MP1B	Z	81.878	5
93	MP1B	Mx	-.035	5
94	MP1C	X	0	3
95	MP1C	Z	81.878	3
96	MP1C	Mx	.035	3
97	MP1C	X	0	5
98	MP1C	Z	81.878	5
99	MP1C	Mx	.035	5
100	MP4A	X	0	3
101	MP4A	Z	45.452	3
102	MP4A	Mx	0	3
103	MP4A	X	0	5
104	MP4A	Z	45.452	5
105	MP4A	Mx	0	5
106	MP4B	X	0	3
107	MP4B	Z	81.878	3
108	MP4B	Mx	-.035	3
109	MP4B	X	0	5
110	MP4B	Z	81.878	5
111	MP4B	Mx	-.035	5
112	MP4C	X	0	3
113	MP4C	Z	81.878	3
114	MP4C	Mx	.035	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
115	MP4C	X	0	5
116	MP4C	Z	81.878	5
117	MP4C	Mx	.035	5
118	OVP1	X	0	1.5
119	OVP1	Z	109.611	1.5
120	OVP1	Mx	-.01	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-16.73	7
2	MP3A	Z	28.978	7
3	MP3A	Mx	.001	7
4	MP3A	X	-16.73	7
5	MP3A	Z	28.978	7
6	MP3A	Mx	-.018	7
7	OVP2	X	-41.969	1.5
8	OVP2	Z	72.693	1.5
9	OVP2	Mx	.042	1.5
10	MP2A	X	-28.628	3
11	MP2A	Z	49.585	3
12	MP2A	Mx	.014	3
13	MP2A	X	-28.628	5
14	MP2A	Z	49.585	5
15	MP2A	Mx	.014	5
16	MP2B	X	-17.404	3
17	MP2B	Z	30.145	3
18	MP2B	Mx	-.015	3
19	MP2B	X	-17.404	5
20	MP2B	Z	30.145	5
21	MP2B	Mx	-.015	5
22	MP2C	X	-28.628	3
23	MP2C	Z	49.585	3
24	MP2C	Mx	.014	3
25	MP2C	X	-28.628	5
26	MP2C	Z	49.585	5
27	MP2C	Mx	.014	5
28	MP4A	X	-24.772	3
29	MP4A	Z	42.907	3
30	MP4A	Mx	-.012	3
31	MP4B	X	-18.111	3
32	MP4B	Z	31.37	3
33	MP4B	Mx	.018	3
34	MP4C	X	-24.772	3
35	MP4C	Z	42.907	3
36	MP4C	Mx	-.012	3
37	MP3A	X	-24.337	3
38	MP3A	Z	42.153	3
39	MP3A	Mx	-.012	3
40	MP3B	X	-16.37	3
41	MP3B	Z	28.353	3
42	MP3B	Mx	.016	3
43	MP3C	X	-24.337	3
44	MP3C	Z	42.153	3
45	MP3C	Mx	-.012	3
46	MP3A	X	-41.142	2
47	MP3A	Z	71.26	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
48	MP3A	Mx	.056	2
49	MP3A	X	-41.142	6
50	MP3A	Z	71.26	6
51	MP3A	Mx	.056	6
52	MP3B	X	-27.472	2
53	MP3B	Z	47.582	2
54	MP3B	Mx	-.038	2
55	MP3B	X	-27.472	6
56	MP3B	Z	47.582	6
57	MP3B	Mx	-.038	6
58	MP3C	X	-41.142	2
59	MP3C	Z	71.26	2
60	MP3C	Mx	-.015	2
61	MP3C	X	-41.142	6
62	MP3C	Z	71.26	6
63	MP3C	Mx	-.015	6
64	MP3A	X	-41.142	2
65	MP3A	Z	71.26	2
66	MP3A	Mx	-.015	2
67	MP3A	X	-41.142	6
68	MP3A	Z	71.26	6
69	MP3A	Mx	-.015	6
70	MP3B	X	-27.472	2
71	MP3B	Z	47.582	2
72	MP3B	Mx	-.01	2
73	MP3B	X	-27.472	6
74	MP3B	Z	47.582	6
75	MP3B	Mx	-.01	6
76	MP3C	X	-41.142	2
77	MP3C	Z	71.26	2
78	MP3C	Mx	.056	2
79	MP3C	X	-41.142	6
80	MP3C	Z	71.26	6
81	MP3C	Mx	.056	6
82	MP1A	X	-28.797	3
83	MP1A	Z	49.878	3
84	MP1A	Mx	.014	3
85	MP1A	X	-28.797	5
86	MP1A	Z	49.878	5
87	MP1A	Mx	.014	5
88	MP1B	X	-47.01	3
89	MP1B	Z	81.423	3
90	MP1B	Mx	-.047	3
91	MP1B	X	-47.01	5
92	MP1B	Z	81.423	5
93	MP1B	Mx	-.047	5
94	MP1C	X	-28.797	3
95	MP1C	Z	49.878	3
96	MP1C	Mx	.014	3
97	MP1C	X	-28.797	5
98	MP1C	Z	49.878	5
99	MP1C	Mx	.014	5
100	MP4A	X	-28.797	3
101	MP4A	Z	49.878	3
102	MP4A	Mx	.014	3
103	MP4A	X	-28.797	5
104	MP4A	Z	49.878	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
105	MP4A	Mx	.014	5
106	MP4B	X	-47.01	3
107	MP4B	Z	81.423	3
108	MP4B	Mx	-.047	3
109	MP4B	X	-47.01	5
110	MP4B	Z	81.423	5
111	MP4B	Mx	-.047	5
112	MP4C	X	-28.797	3
113	MP4C	Z	49.878	3
114	MP4C	Mx	.014	3
115	MP4C	X	-28.797	5
116	MP4C	Z	49.878	5
117	MP4C	Mx	.014	5
118	OVP1	X	-49.736	1.5
119	OVP1	Z	86.146	1.5
120	OVP1	Mx	-.032	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-29.021	7
2	MP3A	Z	16.755	7
3	MP3A	Mx	-.009	7
4	MP3A	X	-29.021	7
5	MP3A	Z	16.755	7
6	MP3A	Mx	-.02	7
7	OVP2	X	-78.424	1.5
8	OVP2	Z	45.278	1.5
9	OVP2	Mx	.039	1.5
10	MP2A	X	-30.145	3
11	MP2A	Z	17.404	3
12	MP2A	Mx	.015	3
13	MP2A	X	-30.145	5
14	MP2A	Z	17.404	5
15	MP2A	Mx	.015	5
16	MP2B	X	-20.424	3
17	MP2B	Z	11.792	3
18	MP2B	Mx	-.012	3
19	MP2B	X	-20.424	5
20	MP2B	Z	11.792	5
21	MP2B	Mx	-.012	5
22	MP2C	X	-59.306	3
23	MP2C	Z	34.24	3
24	MP2C	Mx	0	3
25	MP2C	X	-59.306	5
26	MP2C	Z	34.24	5
27	MP2C	Mx	0	5
28	MP4A	X	-35.215	3
29	MP4A	Z	20.332	3
30	MP4A	Mx	-.018	3
31	MP4B	X	-35.215	3
32	MP4B	Z	20.332	3
33	MP4B	Mx	.018	3
34	MP4C	X	-46.753	3
35	MP4C	Z	26.993	3
36	MP4C	Mx	0	3
37	MP3A	X	-32.953	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
38	MP3A	Z	19.026	3
39	MP3A	Mx	-.016	3
40	MP3B	X	-32.953	3
41	MP3B	Z	19.026	3
42	MP3B	Mx	.016	3
43	MP3C	X	-46.753	3
44	MP3C	Z	26.993	3
45	MP3C	Mx	0	3
46	MP3A	X	-47.582	2
47	MP3A	Z	27.472	2
48	MP3A	Mx	.038	2
49	MP3A	X	-47.582	6
50	MP3A	Z	27.472	6
51	MP3A	Mx	.038	6
52	MP3B	X	-35.743	2
53	MP3B	Z	20.636	2
54	MP3B	Mx	-.021	2
55	MP3B	X	-35.743	6
56	MP3B	Z	20.636	6
57	MP3B	Mx	-.021	6
58	MP3C	X	-83.099	2
59	MP3C	Z	47.978	2
60	MP3C	Mx	-.048	2
61	MP3C	X	-83.099	6
62	MP3C	Z	47.978	6
63	MP3C	Mx	-.048	6
64	MP3A	X	-47.582	2
65	MP3A	Z	27.472	2
66	MP3A	Mx	.01	2
67	MP3A	X	-47.582	6
68	MP3A	Z	27.472	6
69	MP3A	Mx	.01	6
70	MP3B	X	-35.743	2
71	MP3B	Z	20.636	2
72	MP3B	Mx	-.021	2
73	MP3B	X	-35.743	6
74	MP3B	Z	20.636	6
75	MP3B	Mx	-.021	6
76	MP3C	X	-83.099	2
77	MP3C	Z	47.978	2
78	MP3C	Mx	.048	2
79	MP3C	X	-83.099	6
80	MP3C	Z	47.978	6
81	MP3C	Mx	.048	6
82	MP1A	X	-70.908	3
83	MP1A	Z	40.939	3
84	MP1A	Mx	.035	3
85	MP1A	X	-70.908	5
86	MP1A	Z	40.939	5
87	MP1A	Mx	.035	5
88	MP1B	X	-70.908	3
89	MP1B	Z	40.939	3
90	MP1B	Mx	-.035	3
91	MP1B	X	-70.908	5
92	MP1B	Z	40.939	5
93	MP1B	Mx	-.035	5
94	MP1C	X	-39.363	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
95	MP1C	Z	22.726	3
96	MP1C	Mx	0	3
97	MP1C	X	-39.363	5
98	MP1C	Z	22.726	5
99	MP1C	Mx	0	5
100	MP4A	X	-70.908	3
101	MP4A	Z	40.939	3
102	MP4A	Mx	.035	3
103	MP4A	X	-70.908	5
104	MP4A	Z	40.939	5
105	MP4A	Mx	.035	5
106	MP4B	X	-70.908	3
107	MP4B	Z	40.939	3
108	MP4B	Mx	-.035	3
109	MP4B	X	-70.908	5
110	MP4B	Z	40.939	5
111	MP4B	Mx	-.035	5
112	MP4C	X	-39.363	3
113	MP4C	Z	22.726	3
114	MP4C	Mx	0	3
115	MP4C	X	-39.363	5
116	MP4C	Z	22.726	5
117	MP4C	Mx	0	5
118	OVP1	X	-75.375	1.5
119	OVP1	Z	43.518	1.5
120	OVP1	Mx	-.041	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-33.535	7
2	MP3A	Z	0	7
3	MP3A	Mx	-.017	7
4	MP3A	X	-33.535	7
5	MP3A	Z	0	7
6	MP3A	Mx	-.017	7
7	OVP2	X	-103.792	1.5
8	OVP2	Z	0	1.5
9	OVP2	Mx	.026	1.5
10	MP2A	X	-23.584	3
11	MP2A	Z	0	3
12	MP2A	Mx	.012	3
13	MP2A	X	-23.584	5
14	MP2A	Z	0	5
15	MP2A	Mx	.012	5
16	MP2B	X	-34.808	3
17	MP2B	Z	0	3
18	MP2B	Mx	-.015	3
19	MP2B	X	-34.808	5
20	MP2B	Z	0	5
21	MP2B	Mx	-.015	5
22	MP2C	X	-57.256	3
23	MP2C	Z	0	3
24	MP2C	Mx	-.014	3
25	MP2C	X	-57.256	5
26	MP2C	Z	0	5
27	MP2C	Mx	-.014	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
28	MP4A	X	-36.223	3
29	MP4A	Z	0	3
30	MP4A	Mx	-.018	3
31	MP4B	X	-49.545	3
32	MP4B	Z	0	3
33	MP4B	Mx	.012	3
34	MP4C	X	-49.545	3
35	MP4C	Z	0	3
36	MP4C	Mx	.012	3
37	MP3A	X	-32.74	3
38	MP3A	Z	0	3
39	MP3A	Mx	-.016	3
40	MP3B	X	-48.674	3
41	MP3B	Z	0	3
42	MP3B	Mx	.012	3
43	MP3C	X	-48.674	3
44	MP3C	Z	0	3
45	MP3C	Mx	.012	3
46	MP3A	X	-41.273	2
47	MP3A	Z	0	2
48	MP3A	Mx	.021	2
49	MP3A	X	-41.273	6
50	MP3A	Z	0	6
51	MP3A	Mx	.021	6
52	MP3B	X	-54.943	2
53	MP3B	Z	0	2
54	MP3B	Mx	-.01	2
55	MP3B	X	-54.943	6
56	MP3B	Z	0	6
57	MP3B	Mx	-.01	6
58	MP3C	X	-82.284	2
59	MP3C	Z	0	2
60	MP3C	Mx	-.056	2
61	MP3C	X	-82.284	6
62	MP3C	Z	0	6
63	MP3C	Mx	-.056	6
64	MP3A	X	-41.273	2
65	MP3A	Z	0	2
66	MP3A	Mx	.021	2
67	MP3A	X	-41.273	6
68	MP3A	Z	0	6
69	MP3A	Mx	.021	6
70	MP3B	X	-54.943	2
71	MP3B	Z	0	2
72	MP3B	Mx	-.038	2
73	MP3B	X	-54.943	6
74	MP3B	Z	0	6
75	MP3B	Mx	-.038	6
76	MP3C	X	-82.284	2
77	MP3C	Z	0	2
78	MP3C	Mx	.015	2
79	MP3C	X	-82.284	6
80	MP3C	Z	0	6
81	MP3C	Mx	.015	6
82	MP1A	X	-94.02	3
83	MP1A	Z	0	3
84	MP1A	Mx	.047	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
85	MP1A	X	-94.02	5
86	MP1A	Z	0	5
87	MP1A	Mx	.047	5
88	MP1B	X	-57.594	3
89	MP1B	Z	0	3
90	MP1B	Mx	-.014	3
91	MP1B	X	-57.594	5
92	MP1B	Z	0	5
93	MP1B	Mx	-.014	5
94	MP1C	X	-57.594	3
95	MP1C	Z	0	3
96	MP1C	Mx	-.014	3
97	MP1C	X	-57.594	5
98	MP1C	Z	0	5
99	MP1C	Mx	-.014	5
100	MP4A	X	-94.02	3
101	MP4A	Z	0	3
102	MP4A	Mx	.047	3
103	MP4A	X	-94.02	5
104	MP4A	Z	0	5
105	MP4A	Mx	.047	5
106	MP4B	X	-57.594	3
107	MP4B	Z	0	3
108	MP4B	Mx	-.014	3
109	MP4B	X	-57.594	5
110	MP4B	Z	0	5
111	MP4B	Mx	-.014	5
112	MP4C	X	-57.594	3
113	MP4C	Z	0	3
114	MP4C	Mx	-.014	3
115	MP4C	X	-57.594	5
116	MP4C	Z	0	5
117	MP4C	Mx	-.014	5
118	OVP1	X	-84.737	1.5
119	OVP1	Z	0	1.5
120	OVP1	Mx	-.042	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-29.021	7
2	MP3A	Z	-16.755	7
3	MP3A	Mx	-.02	7
4	MP3A	X	-29.021	7
5	MP3A	Z	-16.755	7
6	MP3A	Mx	-.009	7
7	OVP2	X	-95.617	1.5
8	OVP2	Z	-55.205	1.5
9	OVP2	Mx	0	1.5
10	MP2A	X	-30.145	3
11	MP2A	Z	-17.404	3
12	MP2A	Mx	.015	3
13	MP2A	X	-30.145	5
14	MP2A	Z	-17.404	5
15	MP2A	Mx	.015	5
16	MP2B	X	-49.585	3
17	MP2B	Z	-28.628	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
18	MP2B	Mx	-.014	3
19	MP2B	X	-49.585	5
20	MP2B	Z	-28.628	5
21	MP2B	Mx	-.014	5
22	MP2C	X	-30.145	3
23	MP2C	Z	-17.404	3
24	MP2C	Mx	-.015	3
25	MP2C	X	-30.145	5
26	MP2C	Z	-17.404	5
27	MP2C	Mx	-.015	5
28	MP4A	X	-35.215	3
29	MP4A	Z	-20.332	3
30	MP4A	Mx	-.018	3
31	MP4B	X	-46.753	3
32	MP4B	Z	-26.993	3
33	MP4B	Mx	0	3
34	MP4C	X	-35.215	3
35	MP4C	Z	-20.332	3
36	MP4C	Mx	.018	3
37	MP3A	X	-32.953	3
38	MP3A	Z	-19.026	3
39	MP3A	Mx	-.016	3
40	MP3B	X	-46.753	3
41	MP3B	Z	-26.993	3
42	MP3B	Mx	0	3
43	MP3C	X	-32.953	3
44	MP3C	Z	-19.026	3
45	MP3C	Mx	.016	3
46	MP3A	X	-47.582	2
47	MP3A	Z	-27.472	2
48	MP3A	Mx	.01	2
49	MP3A	X	-47.582	6
50	MP3A	Z	-27.472	6
51	MP3A	Mx	.01	6
52	MP3B	X	-71.26	2
53	MP3B	Z	-41.142	2
54	MP3B	Mx	.015	2
55	MP3B	X	-71.26	6
56	MP3B	Z	-41.142	6
57	MP3B	Mx	.015	6
58	MP3C	X	-47.582	2
59	MP3C	Z	-27.472	2
60	MP3C	Mx	-.038	2
61	MP3C	X	-47.582	6
62	MP3C	Z	-27.472	6
63	MP3C	Mx	-.038	6
64	MP3A	X	-47.582	2
65	MP3A	Z	-27.472	2
66	MP3A	Mx	.038	2
67	MP3A	X	-47.582	6
68	MP3A	Z	-27.472	6
69	MP3A	Mx	.038	6
70	MP3B	X	-71.26	2
71	MP3B	Z	-41.142	2
72	MP3B	Mx	-.056	2
73	MP3B	X	-71.26	6
74	MP3B	Z	-41.142	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
75	MP3B	Mx	-.056	6
76	MP3C	X	-47.582	2
77	MP3C	Z	-27.472	2
78	MP3C	Mx	-.01	2
79	MP3C	X	-47.582	6
80	MP3C	Z	-27.472	6
81	MP3C	Mx	-.01	6
82	MP1A	X	-70.908	3
83	MP1A	Z	-40.939	3
84	MP1A	Mx	.035	3
85	MP1A	X	-70.908	5
86	MP1A	Z	-40.939	5
87	MP1A	Mx	.035	5
88	MP1B	X	-39.363	3
89	MP1B	Z	-22.726	3
90	MP1B	Mx	0	3
91	MP1B	X	-39.363	5
92	MP1B	Z	-22.726	5
93	MP1B	Mx	0	5
94	MP1C	X	-70.908	3
95	MP1C	Z	-40.939	3
96	MP1C	Mx	-.035	3
97	MP1C	X	-70.908	5
98	MP1C	Z	-40.939	5
99	MP1C	Mx	-.035	5
100	MP4A	X	-70.908	3
101	MP4A	Z	-40.939	3
102	MP4A	Mx	.035	3
103	MP4A	X	-70.908	5
104	MP4A	Z	-40.939	5
105	MP4A	Mx	.035	5
106	MP4B	X	-39.363	3
107	MP4B	Z	-22.726	3
108	MP4B	Mx	0	3
109	MP4B	X	-39.363	5
110	MP4B	Z	-22.726	5
111	MP4B	Mx	0	5
112	MP4C	X	-70.908	3
113	MP4C	Z	-40.939	3
114	MP4C	Mx	-.035	3
115	MP4C	X	-70.908	5
116	MP4C	Z	-40.939	5
117	MP4C	Mx	-.035	5
118	OVP1	X	-82.165	1.5
119	OVP1	Z	-47.438	1.5
120	OVP1	Mx	-.036	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-16.73	7
2	MP3A	Z	-28.978	7
3	MP3A	Mx	-.018	7
4	MP3A	X	-16.73	7
5	MP3A	Z	-28.978	7
6	MP3A	Mx	.001	7
7	OVP2	X	-51.896	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
8	OVP2	Z	-89.886	1.5
9	OVP2	Mx	-.026	1.5
10	MP2A	X	-28.628	3
11	MP2A	Z	-49.585	3
12	MP2A	Mx	.014	3
13	MP2A	X	-28.628	5
14	MP2A	Z	-49.585	5
15	MP2A	Mx	.014	5
16	MP2B	X	-34.24	3
17	MP2B	Z	-59.306	3
18	MP2B	Mx	0	3
19	MP2B	X	-34.24	5
20	MP2B	Z	-59.306	5
21	MP2B	Mx	0	5
22	MP2C	X	-11.792	3
23	MP2C	Z	-20.424	3
24	MP2C	Mx	-.012	3
25	MP2C	X	-11.792	5
26	MP2C	Z	-20.424	5
27	MP2C	Mx	-.012	5
28	MP4A	X	-24.772	3
29	MP4A	Z	-42.907	3
30	MP4A	Mx	-.012	3
31	MP4B	X	-24.772	3
32	MP4B	Z	-42.907	3
33	MP4B	Mx	-.012	3
34	MP4C	X	-18.111	3
35	MP4C	Z	-31.37	3
36	MP4C	Mx	.018	3
37	MP3A	X	-24.337	3
38	MP3A	Z	-42.153	3
39	MP3A	Mx	-.012	3
40	MP3B	X	-24.337	3
41	MP3B	Z	-42.153	3
42	MP3B	Mx	-.012	3
43	MP3C	X	-16.37	3
44	MP3C	Z	-28.353	3
45	MP3C	Mx	.016	3
46	MP3A	X	-41.142	2
47	MP3A	Z	-71.26	2
48	MP3A	Mx	-.015	2
49	MP3A	X	-41.142	6
50	MP3A	Z	-71.26	6
51	MP3A	Mx	-.015	6
52	MP3B	X	-47.978	2
53	MP3B	Z	-83.099	2
54	MP3B	Mx	.048	2
55	MP3B	X	-47.978	6
56	MP3B	Z	-83.099	6
57	MP3B	Mx	.048	6
58	MP3C	X	-20.636	2
59	MP3C	Z	-35.743	2
60	MP3C	Mx	-.021	2
61	MP3C	X	-20.636	6
62	MP3C	Z	-35.743	6
63	MP3C	Mx	-.021	6
64	MP3A	X	-41.142	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
65	MP3A	Z	-71.26	2
66	MP3A	Mx	.056	2
67	MP3A	X	-41.142	6
68	MP3A	Z	-71.26	6
69	MP3A	Mx	.056	6
70	MP3B	X	-47.978	2
71	MP3B	Z	-83.099	2
72	MP3B	Mx	-.048	2
73	MP3B	X	-47.978	6
74	MP3B	Z	-83.099	6
75	MP3B	Mx	-.048	6
76	MP3C	X	-20.636	2
77	MP3C	Z	-35.743	2
78	MP3C	Mx	-.021	2
79	MP3C	X	-20.636	6
80	MP3C	Z	-35.743	6
81	MP3C	Mx	-.021	6
82	MP1A	X	-28.797	3
83	MP1A	Z	-49.878	3
84	MP1A	Mx	.014	3
85	MP1A	X	-28.797	5
86	MP1A	Z	-49.878	5
87	MP1A	Mx	.014	5
88	MP1B	X	-28.797	3
89	MP1B	Z	-49.878	3
90	MP1B	Mx	.014	3
91	MP1B	X	-28.797	5
92	MP1B	Z	-49.878	5
93	MP1B	Mx	.014	5
94	MP1C	X	-47.01	3
95	MP1C	Z	-81.423	3
96	MP1C	Mx	-.047	3
97	MP1C	X	-47.01	5
98	MP1C	Z	-81.423	5
99	MP1C	Mx	-.047	5
100	MP4A	X	-28.797	3
101	MP4A	Z	-49.878	3
102	MP4A	Mx	.014	3
103	MP4A	X	-28.797	5
104	MP4A	Z	-49.878	5
105	MP4A	Mx	.014	5
106	MP4B	X	-28.797	3
107	MP4B	Z	-49.878	3
108	MP4B	Mx	.014	3
109	MP4B	X	-28.797	5
110	MP4B	Z	-49.878	5
111	MP4B	Mx	.014	5
112	MP4C	X	-47.01	3
113	MP4C	Z	-81.423	3
114	MP4C	Mx	-.047	3
115	MP4C	X	-47.01	5
116	MP4C	Z	-81.423	5
117	MP4C	Mx	-.047	5
118	OVP1	X	-53.656	1.5
119	OVP1	Z	-92.936	1.5
120	OVP1	Mx	-.018	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	0	7
2	MP3A	Z	-3.495	7
3	MP3A	Mx	-.001	7
4	MP3A	X	0	7
5	MP3A	Z	-3.495	7
6	MP3A	Mx	.001	7
7	OVP2	X	0	1.5
8	OVP2	Z	-24.984	1.5
9	OVP2	Mx	-.011	1.5
10	MP2A	X	0	3
11	MP2A	Z	-17.116	3
12	MP2A	Mx	0	3
13	MP2A	X	0	5
14	MP2A	Z	-17.116	5
15	MP2A	Mx	0	5
16	MP2B	X	0	3
17	MP2B	Z	-14.741	3
18	MP2B	Mx	.004	3
19	MP2B	X	0	5
20	MP2B	Z	-14.741	5
21	MP2B	Mx	.004	5
22	MP2C	X	0	3
23	MP2C	Z	-9.991	3
24	MP2C	Mx	-.004	3
25	MP2C	X	0	5
26	MP2C	Z	-9.991	5
27	MP2C	Mx	-.004	5
28	MP4A	X	0	3
29	MP4A	Z	-14.794	3
30	MP4A	Mx	0	3
31	MP4B	X	0	3
32	MP4B	Z	-11.573	3
33	MP4B	Mx	-.005	3
34	MP4C	X	0	3
35	MP4C	Z	-11.573	3
36	MP4C	Mx	.005	3
37	MP3A	X	0	3
38	MP3A	Z	-14.794	3
39	MP3A	Mx	0	3
40	MP3B	X	0	3
41	MP3B	Z	-10.993	3
42	MP3B	Mx	-.005	3
43	MP3C	X	0	3
44	MP3C	Z	-10.993	3
45	MP3C	Mx	.005	3
46	MP3A	X	0	2
47	MP3A	Z	-28.624	2
48	MP3A	Mx	-.014	2
49	MP3A	X	0	6
50	MP3A	Z	-28.624	6
51	MP3A	Mx	-.014	6
52	MP3B	X	0	2
53	MP3B	Z	-26.503	2
54	MP3B	Mx	.018	2
55	MP3B	X	0	6
56	MP3B	Z	-26.503	6
57	MP3B	Mx	.018	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3C	X	0	2
59	MP3C	Z	-22.263	2
60	MP3C	Mx	-.004	2
61	MP3C	X	0	6
62	MP3C	Z	-22.263	6
63	MP3C	Mx	-.004	6
64	MP3A	X	0	2
65	MP3A	Z	-28.624	2
66	MP3A	Mx	.014	2
67	MP3A	X	0	6
68	MP3A	Z	-28.624	6
69	MP3A	Mx	.014	6
70	MP3B	X	0	2
71	MP3B	Z	-26.503	2
72	MP3B	Mx	-.005	2
73	MP3B	X	0	6
74	MP3B	Z	-26.503	6
75	MP3B	Mx	-.005	6
76	MP3C	X	0	2
77	MP3C	Z	-22.263	2
78	MP3C	Mx	-.015	2
79	MP3C	X	0	6
80	MP3C	Z	-22.263	6
81	MP3C	Mx	-.015	6
82	MP1A	X	0	3
83	MP1A	Z	-10.485	3
84	MP1A	Mx	0	3
85	MP1A	X	0	5
86	MP1A	Z	-10.485	5
87	MP1A	Mx	0	5
88	MP1B	X	0	3
89	MP1B	Z	-17.142	3
90	MP1B	Mx	.007	3
91	MP1B	X	0	5
92	MP1B	Z	-17.142	5
93	MP1B	Mx	.007	5
94	MP1C	X	0	3
95	MP1C	Z	-17.142	3
96	MP1C	Mx	-.007	3
97	MP1C	X	0	5
98	MP1C	Z	-17.142	5
99	MP1C	Mx	-.007	5
100	MP4A	X	0	3
101	MP4A	Z	-10.485	3
102	MP4A	Mx	0	3
103	MP4A	X	0	5
104	MP4A	Z	-10.485	5
105	MP4A	Mx	0	5
106	MP4B	X	0	3
107	MP4B	Z	-17.142	3
108	MP4B	Mx	.007	3
109	MP4B	X	0	5
110	MP4B	Z	-17.142	5
111	MP4B	Mx	.007	5
112	MP4C	X	0	3
113	MP4C	Z	-17.142	3
114	MP4C	Mx	-.007	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
115	MP4C	X	0	5
116	MP4C	Z	-17.142	5
117	MP4C	Mx	-.007	5
118	OVP1	X	0	1.5
119	OVP1	Z	-29.447	1.5
120	OVP1	Mx	.003	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	2.361	7
2	MP3A	Z	-4.089	7
3	MP3A	Mx	-.000183	7
4	MP3A	X	2.361	7
5	MP3A	Z	-4.089	7
6	MP3A	Mx	.003	7
7	OVP2	X	11.717	1.5
8	OVP2	Z	-20.295	1.5
9	OVP2	Mx	-.012	1.5
10	MP2A	X	7.371	3
11	MP2A	Z	-12.766	3
12	MP2A	Mx	-.004	3
13	MP2A	X	7.371	5
14	MP2A	Z	-12.766	5
15	MP2A	Mx	-.004	5
16	MP2B	X	4.995	3
17	MP2B	Z	-8.652	3
18	MP2B	Mx	.004	3
19	MP2B	X	4.995	5
20	MP2B	Z	-8.652	5
21	MP2B	Mx	.004	5
22	MP2C	X	7.371	3
23	MP2C	Z	-12.766	3
24	MP2C	Mx	-.004	3
25	MP2C	X	7.371	5
26	MP2C	Z	-12.766	5
27	MP2C	Mx	-.004	5
28	MP4A	X	6.86	3
29	MP4A	Z	-11.882	3
30	MP4A	Mx	.003	3
31	MP4B	X	5.25	3
32	MP4B	Z	-9.093	3
33	MP4B	Mx	-.005	3
34	MP4C	X	6.86	3
35	MP4C	Z	-11.882	3
36	MP4C	Mx	.003	3
37	MP3A	X	6.764	3
38	MP3A	Z	-11.715	3
39	MP3A	Mx	.003	3
40	MP3B	X	4.863	3
41	MP3B	Z	-8.423	3
42	MP3B	Mx	-.005	3
43	MP3C	X	6.764	3
44	MP3C	Z	-11.715	3
45	MP3C	Mx	.003	3
46	MP3A	X	13.252	2
47	MP3A	Z	-22.953	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
48	MP3A	Mx	-.018	2
49	MP3A	X	13.252	6
50	MP3A	Z	-22.953	6
51	MP3A	Mx	-.018	6
52	MP3B	X	11.131	2
53	MP3B	Z	-19.28	2
54	MP3B	Mx	.015	2
55	MP3B	X	11.131	6
56	MP3B	Z	-19.28	6
57	MP3B	Mx	.015	6
58	MP3C	X	13.252	2
59	MP3C	Z	-22.953	2
60	MP3C	Mx	.005	2
61	MP3C	X	13.252	6
62	MP3C	Z	-22.953	6
63	MP3C	Mx	.005	6
64	MP3A	X	13.252	2
65	MP3A	Z	-22.953	2
66	MP3A	Mx	.005	2
67	MP3A	X	13.252	6
68	MP3A	Z	-22.953	6
69	MP3A	Mx	.005	6
70	MP3B	X	11.131	2
71	MP3B	Z	-19.28	2
72	MP3B	Mx	.004	2
73	MP3B	X	11.131	6
74	MP3B	Z	-19.28	6
75	MP3B	Mx	.004	6
76	MP3C	X	13.252	2
77	MP3C	Z	-22.953	2
78	MP3C	Mx	-.018	2
79	MP3C	X	13.252	6
80	MP3C	Z	-22.953	6
81	MP3C	Mx	-.018	6
82	MP1A	X	6.352	3
83	MP1A	Z	-11.002	3
84	MP1A	Mx	-.003	3
85	MP1A	X	6.352	5
86	MP1A	Z	-11.002	5
87	MP1A	Mx	-.003	5
88	MP1B	X	9.68	3
89	MP1B	Z	-16.767	3
90	MP1B	Mx	.01	3
91	MP1B	X	9.68	5
92	MP1B	Z	-16.767	5
93	MP1B	Mx	.01	5
94	MP1C	X	6.352	3
95	MP1C	Z	-11.002	3
96	MP1C	Mx	-.003	3
97	MP1C	X	6.352	5
98	MP1C	Z	-11.002	5
99	MP1C	Mx	-.003	5
100	MP4A	X	6.352	3
101	MP4A	Z	-11.002	3
102	MP4A	Mx	-.003	3
103	MP4A	X	6.352	5
104	MP4A	Z	-11.002	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
105	MP4A	Mx	-.003	5
106	MP4B	X	9.68	3
107	MP4B	Z	-16.767	3
108	MP4B	Mx	.01	3
109	MP4B	X	9.68	5
110	MP4B	Z	-16.767	5
111	MP4B	Mx	.01	5
112	MP4C	X	6.352	3
113	MP4C	Z	-11.002	3
114	MP4C	Mx	-.003	3
115	MP4C	X	6.352	5
116	MP4C	Z	-11.002	5
117	MP4C	Mx	-.003	5
118	OVP1	X	13.536	1.5
119	OVP1	Z	-23.445	1.5
120	OVP1	Mx	.009	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	6.214	7
2	MP3A	Z	-3.587	7
3	MP3A	Mx	.002	7
4	MP3A	X	6.214	7
5	MP3A	Z	-3.587	7
6	MP3A	Mx	.004	7
7	OVP2	X	21.637	1.5
8	OVP2	Z	-12.492	1.5
9	OVP2	Mx	-.011	1.5
10	MP2A	X	8.652	3
11	MP2A	Z	-4.995	3
12	MP2A	Mx	-.004	3
13	MP2A	X	8.652	5
14	MP2A	Z	-4.995	5
15	MP2A	Mx	-.004	5
16	MP2B	X	6.595	3
17	MP2B	Z	-3.808	3
18	MP2B	Mx	.004	3
19	MP2B	X	6.595	5
20	MP2B	Z	-3.808	5
21	MP2B	Mx	.004	5
22	MP2C	X	14.823	3
23	MP2C	Z	-8.558	3
24	MP2C	Mx	0	3
25	MP2C	X	14.823	5
26	MP2C	Z	-8.558	5
27	MP2C	Mx	0	5
28	MP4A	X	10.022	3
29	MP4A	Z	-5.786	3
30	MP4A	Mx	.005	3
31	MP4B	X	10.022	3
32	MP4B	Z	-5.786	3
33	MP4B	Mx	-.005	3
34	MP4C	X	12.812	3
35	MP4C	Z	-7.397	3
36	MP4C	Mx	0	3
37	MP3A	X	9.52	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
38	MP3A	Z	-5.497	3
39	MP3A	Mx	.005	3
40	MP3B	X	9.52	3
41	MP3B	Z	-5.497	3
42	MP3B	Mx	-.005	3
43	MP3C	X	12.812	3
44	MP3C	Z	-7.397	3
45	MP3C	Mx	0	3
46	MP3A	X	19.28	2
47	MP3A	Z	-11.131	2
48	MP3A	Mx	-.015	2
49	MP3A	X	19.28	6
50	MP3A	Z	-11.131	6
51	MP3A	Mx	-.015	6
52	MP3B	X	17.444	2
53	MP3B	Z	-10.071	2
54	MP3B	Mx	.01	2
55	MP3B	X	17.444	6
56	MP3B	Z	-10.071	6
57	MP3B	Mx	.01	6
58	MP3C	X	24.789	2
59	MP3C	Z	-14.312	2
60	MP3C	Mx	.014	2
61	MP3C	X	24.789	6
62	MP3C	Z	-14.312	6
63	MP3C	Mx	.014	6
64	MP3A	X	19.28	2
65	MP3A	Z	-11.131	2
66	MP3A	Mx	-.004	2
67	MP3A	X	19.28	6
68	MP3A	Z	-11.131	6
69	MP3A	Mx	-.004	6
70	MP3B	X	17.444	2
71	MP3B	Z	-10.071	2
72	MP3B	Mx	.01	2
73	MP3B	X	17.444	6
74	MP3B	Z	-10.071	6
75	MP3B	Mx	.01	6
76	MP3C	X	24.789	2
77	MP3C	Z	-14.312	2
78	MP3C	Mx	-.014	2
79	MP3C	X	24.789	6
80	MP3C	Z	-14.312	6
81	MP3C	Mx	-.014	6
82	MP1A	X	14.845	3
83	MP1A	Z	-8.571	3
84	MP1A	Mx	-.007	3
85	MP1A	X	14.845	5
86	MP1A	Z	-8.571	5
87	MP1A	Mx	-.007	5
88	MP1B	X	14.845	3
89	MP1B	Z	-8.571	3
90	MP1B	Mx	.007	3
91	MP1B	X	14.845	5
92	MP1B	Z	-8.571	5
93	MP1B	Mx	.007	5
94	MP1C	X	9.081	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
95	MP1C	Z	-5.243	3
96	MP1C	Mx	0	3
97	MP1C	X	9.081	5
98	MP1C	Z	-5.243	5
99	MP1C	Mx	0	5
100	MP4A	X	14.845	3
101	MP4A	Z	-8.571	3
102	MP4A	Mx	-.007	3
103	MP4A	X	14.845	5
104	MP4A	Z	-8.571	5
105	MP4A	Mx	-.007	5
106	MP4B	X	14.845	3
107	MP4B	Z	-8.571	3
108	MP4B	Mx	.007	3
109	MP4B	X	14.845	5
110	MP4B	Z	-8.571	5
111	MP4B	Mx	.007	5
112	MP4C	X	9.081	3
113	MP4C	Z	-5.243	3
114	MP4C	Mx	0	3
115	MP4C	X	9.081	5
116	MP4C	Z	-5.243	5
117	MP4C	Mx	0	5
118	OVP1	X	20.923	1.5
119	OVP1	Z	-12.08	1.5
120	OVP1	Mx	.011	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	8.402	7
2	MP3A	Z	0	7
3	MP3A	Mx	.004	7
4	MP3A	X	8.402	7
5	MP3A	Z	0	7
6	MP3A	Mx	.004	7
7	OVP2	X	28.084	1.5
8	OVP2	Z	0	1.5
9	OVP2	Mx	-.007	1.5
10	MP2A	X	7.616	3
11	MP2A	Z	0	3
12	MP2A	Mx	-.004	3
13	MP2A	X	7.616	5
14	MP2A	Z	0	5
15	MP2A	Mx	-.004	5
16	MP2B	X	9.991	3
17	MP2B	Z	0	3
18	MP2B	Mx	.004	3
19	MP2B	X	9.991	5
20	MP2B	Z	0	5
21	MP2B	Mx	.004	5
22	MP2C	X	14.741	3
23	MP2C	Z	0	3
24	MP2C	Mx	.004	3
25	MP2C	X	14.741	5
26	MP2C	Z	0	5
27	MP2C	Mx	.004	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
28	MP4A	X	10.499	3
29	MP4A	Z	0	3
30	MP4A	Mx	.005	3
31	MP4B	X	13.72	3
32	MP4B	Z	0	3
33	MP4B	Mx	-.003	3
34	MP4C	X	13.72	3
35	MP4C	Z	0	3
36	MP4C	Mx	-.003	3
37	MP3A	X	9.726	3
38	MP3A	Z	0	3
39	MP3A	Mx	.005	3
40	MP3B	X	13.527	3
41	MP3B	Z	0	3
42	MP3B	Mx	-.003	3
43	MP3C	X	13.527	3
44	MP3C	Z	0	3
45	MP3C	Mx	-.003	3
46	MP3A	X	20.142	2
47	MP3A	Z	0	2
48	MP3A	Mx	-.01	2
49	MP3A	X	20.142	6
50	MP3A	Z	0	6
51	MP3A	Mx	-.01	6
52	MP3B	X	22.263	2
53	MP3B	Z	0	2
54	MP3B	Mx	.004	2
55	MP3B	X	22.263	6
56	MP3B	Z	0	6
57	MP3B	Mx	.004	6
58	MP3C	X	26.503	2
59	MP3C	Z	0	2
60	MP3C	Mx	.018	2
61	MP3C	X	26.503	6
62	MP3C	Z	0	6
63	MP3C	Mx	.018	6
64	MP3A	X	20.142	2
65	MP3A	Z	0	2
66	MP3A	Mx	-.01	2
67	MP3A	X	20.142	6
68	MP3A	Z	0	6
69	MP3A	Mx	-.01	6
70	MP3B	X	22.263	2
71	MP3B	Z	0	2
72	MP3B	Mx	.015	2
73	MP3B	X	22.263	6
74	MP3B	Z	0	6
75	MP3B	Mx	.015	6
76	MP3C	X	26.503	2
77	MP3C	Z	0	2
78	MP3C	Mx	-.005	2
79	MP3C	X	26.503	6
80	MP3C	Z	0	6
81	MP3C	Mx	-.005	6
82	MP1A	X	19.36	3
83	MP1A	Z	0	3
84	MP1A	Mx	-.01	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
85	MP1A	X	19.36	5
86	MP1A	Z	0	5
87	MP1A	Mx	-.01	5
88	MP1B	X	12.704	3
89	MP1B	Z	0	3
90	MP1B	Mx	.003	3
91	MP1B	X	12.704	5
92	MP1B	Z	0	5
93	MP1B	Mx	.003	5
94	MP1C	X	12.704	3
95	MP1C	Z	0	3
96	MP1C	Mx	.003	3
97	MP1C	X	12.704	5
98	MP1C	Z	0	5
99	MP1C	Mx	.003	5
100	MP4A	X	19.36	3
101	MP4A	Z	0	3
102	MP4A	Mx	-.01	3
103	MP4A	X	19.36	5
104	MP4A	Z	0	5
105	MP4A	Mx	-.01	5
106	MP4B	X	12.704	3
107	MP4B	Z	0	3
108	MP4B	Mx	.003	3
109	MP4B	X	12.704	5
110	MP4B	Z	0	5
111	MP4B	Mx	.003	5
112	MP4C	X	12.704	3
113	MP4C	Z	0	3
114	MP4C	Mx	.003	3
115	MP4C	X	12.704	5
116	MP4C	Z	0	5
117	MP4C	Mx	.003	5
118	OVP1	X	23.621	1.5
119	OVP1	Z	0	1.5
120	OVP1	Mx	.012	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	6.214	7
2	MP3A	Z	3.587	7
3	MP3A	Mx	.004	7
4	MP3A	X	6.214	7
5	MP3A	Z	3.587	7
6	MP3A	Mx	.002	7
7	OVP2	X	25.664	1.5
8	OVP2	Z	14.817	1.5
9	OVP2	Mx	0	1.5
10	MP2A	X	8.652	3
11	MP2A	Z	4.995	3
12	MP2A	Mx	-.004	3
13	MP2A	X	8.652	5
14	MP2A	Z	4.995	5
15	MP2A	Mx	-.004	5
16	MP2B	X	12.766	3
17	MP2B	Z	7.371	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
18	MP2B	Mx	.004	3
19	MP2B	X	12.766	5
20	MP2B	Z	7.371	5
21	MP2B	Mx	.004	5
22	MP2C	X	8.652	3
23	MP2C	Z	4.995	3
24	MP2C	Mx	.004	3
25	MP2C	X	8.652	5
26	MP2C	Z	4.995	5
27	MP2C	Mx	.004	5
28	MP4A	X	10.022	3
29	MP4A	Z	5.786	3
30	MP4A	Mx	.005	3
31	MP4B	X	12.812	3
32	MP4B	Z	7.397	3
33	MP4B	Mx	0	3
34	MP4C	X	10.022	3
35	MP4C	Z	5.786	3
36	MP4C	Mx	-.005	3
37	MP3A	X	9.52	3
38	MP3A	Z	5.497	3
39	MP3A	Mx	.005	3
40	MP3B	X	12.812	3
41	MP3B	Z	7.397	3
42	MP3B	Mx	0	3
43	MP3C	X	9.52	3
44	MP3C	Z	5.497	3
45	MP3C	Mx	-.005	3
46	MP3A	X	19.28	2
47	MP3A	Z	11.131	2
48	MP3A	Mx	-.004	2
49	MP3A	X	19.28	6
50	MP3A	Z	11.131	6
51	MP3A	Mx	-.004	6
52	MP3B	X	22.953	2
53	MP3B	Z	13.252	2
54	MP3B	Mx	-.005	2
55	MP3B	X	22.953	6
56	MP3B	Z	13.252	6
57	MP3B	Mx	-.005	6
58	MP3C	X	19.28	2
59	MP3C	Z	11.131	2
60	MP3C	Mx	.015	2
61	MP3C	X	19.28	6
62	MP3C	Z	11.131	6
63	MP3C	Mx	.015	6
64	MP3A	X	19.28	2
65	MP3A	Z	11.131	2
66	MP3A	Mx	-.015	2
67	MP3A	X	19.28	6
68	MP3A	Z	11.131	6
69	MP3A	Mx	-.015	6
70	MP3B	X	22.953	2
71	MP3B	Z	13.252	2
72	MP3B	Mx	.018	2
73	MP3B	X	22.953	6
74	MP3B	Z	13.252	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
75	MP3B	Mx	.018	6
76	MP3C	X	19.28	2
77	MP3C	Z	11.131	2
78	MP3C	Mx	.004	2
79	MP3C	X	19.28	6
80	MP3C	Z	11.131	6
81	MP3C	Mx	.004	6
82	MP1A	X	14.845	3
83	MP1A	Z	8.571	3
84	MP1A	Mx	-.007	3
85	MP1A	X	14.845	5
86	MP1A	Z	8.571	5
87	MP1A	Mx	-.007	5
88	MP1B	X	9.081	3
89	MP1B	Z	5.243	3
90	MP1B	Mx	0	3
91	MP1B	X	9.081	5
92	MP1B	Z	5.243	5
93	MP1B	Mx	0	5
94	MP1C	X	14.845	3
95	MP1C	Z	8.571	3
96	MP1C	Mx	.007	3
97	MP1C	X	14.845	5
98	MP1C	Z	8.571	5
99	MP1C	Mx	.007	5
100	MP4A	X	14.845	3
101	MP4A	Z	8.571	3
102	MP4A	Mx	-.007	3
103	MP4A	X	14.845	5
104	MP4A	Z	8.571	5
105	MP4A	Mx	-.007	5
106	MP4B	X	9.081	3
107	MP4B	Z	5.243	3
108	MP4B	Mx	0	3
109	MP4B	X	9.081	5
110	MP4B	Z	5.243	5
111	MP4B	Mx	0	5
112	MP4C	X	14.845	3
113	MP4C	Z	8.571	3
114	MP4C	Mx	.007	3
115	MP4C	X	14.845	5
116	MP4C	Z	8.571	5
117	MP4C	Mx	.007	5
118	OVP1	X	22.513	1.5
119	OVP1	Z	12.998	1.5
120	OVP1	Mx	.01	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	2.361	7
2	MP3A	Z	4.089	7
3	MP3A	Mx	.003	7
4	MP3A	X	2.361	7
5	MP3A	Z	4.089	7
6	MP3A	Mx	-.000183	7
7	OVP2	X	14.042	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
8	OVP2	Z	24.322	1.5
9	OVP2	Mx	.007	1.5
10	MP2A	X	7.371	3
11	MP2A	Z	12.766	3
12	MP2A	Mx	-.004	3
13	MP2A	X	7.371	5
14	MP2A	Z	12.766	5
15	MP2A	Mx	-.004	5
16	MP2B	X	8.558	3
17	MP2B	Z	14.823	3
18	MP2B	Mx	0	3
19	MP2B	X	8.558	5
20	MP2B	Z	14.823	5
21	MP2B	Mx	0	5
22	MP2C	X	3.808	3
23	MP2C	Z	6.595	3
24	MP2C	Mx	.004	3
25	MP2C	X	3.808	5
26	MP2C	Z	6.595	5
27	MP2C	Mx	.004	5
28	MP4A	X	6.86	3
29	MP4A	Z	11.882	3
30	MP4A	Mx	.003	3
31	MP4B	X	6.86	3
32	MP4B	Z	11.882	3
33	MP4B	Mx	.003	3
34	MP4C	X	5.25	3
35	MP4C	Z	9.093	3
36	MP4C	Mx	-.005	3
37	MP3A	X	6.764	3
38	MP3A	Z	11.715	3
39	MP3A	Mx	.003	3
40	MP3B	X	6.764	3
41	MP3B	Z	11.715	3
42	MP3B	Mx	.003	3
43	MP3C	X	4.863	3
44	MP3C	Z	8.423	3
45	MP3C	Mx	-.005	3
46	MP3A	X	13.252	2
47	MP3A	Z	22.953	2
48	MP3A	Mx	.005	2
49	MP3A	X	13.252	6
50	MP3A	Z	22.953	6
51	MP3A	Mx	.005	6
52	MP3B	X	14.312	2
53	MP3B	Z	24.789	2
54	MP3B	Mx	-.014	2
55	MP3B	X	14.312	6
56	MP3B	Z	24.789	6
57	MP3B	Mx	-.014	6
58	MP3C	X	10.071	2
59	MP3C	Z	17.444	2
60	MP3C	Mx	.01	2
61	MP3C	X	10.071	6
62	MP3C	Z	17.444	6
63	MP3C	Mx	.01	6
64	MP3A	X	13.252	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
65	MP3A	Z	22.953	2
66	MP3A	Mx	-.018	2
67	MP3A	X	13.252	6
68	MP3A	Z	22.953	6
69	MP3A	Mx	-.018	6
70	MP3B	X	14.312	2
71	MP3B	Z	24.789	2
72	MP3B	Mx	.014	2
73	MP3B	X	14.312	6
74	MP3B	Z	24.789	6
75	MP3B	Mx	.014	6
76	MP3C	X	10.071	2
77	MP3C	Z	17.444	2
78	MP3C	Mx	.01	2
79	MP3C	X	10.071	6
80	MP3C	Z	17.444	6
81	MP3C	Mx	.01	6
82	MP1A	X	6.352	3
83	MP1A	Z	11.002	3
84	MP1A	Mx	-.003	3
85	MP1A	X	6.352	5
86	MP1A	Z	11.002	5
87	MP1A	Mx	-.003	5
88	MP1B	X	6.352	3
89	MP1B	Z	11.002	3
90	MP1B	Mx	-.003	3
91	MP1B	X	6.352	5
92	MP1B	Z	11.002	5
93	MP1B	Mx	-.003	5
94	MP1C	X	9.68	3
95	MP1C	Z	16.767	3
96	MP1C	Mx	.01	3
97	MP1C	X	9.68	5
98	MP1C	Z	16.767	5
99	MP1C	Mx	.01	5
100	MP4A	X	6.352	3
101	MP4A	Z	11.002	3
102	MP4A	Mx	-.003	3
103	MP4A	X	6.352	5
104	MP4A	Z	11.002	5
105	MP4A	Mx	-.003	5
106	MP4B	X	6.352	3
107	MP4B	Z	11.002	3
108	MP4B	Mx	-.003	3
109	MP4B	X	6.352	5
110	MP4B	Z	11.002	5
111	MP4B	Mx	-.003	5
112	MP4C	X	9.68	3
113	MP4C	Z	16.767	3
114	MP4C	Mx	.01	3
115	MP4C	X	9.68	5
116	MP4C	Z	16.767	5
117	MP4C	Mx	.01	5
118	OVP1	X	14.454	1.5
119	OVP1	Z	25.036	1.5
120	OVP1	Mx	.005	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	0	7
2	MP3A	Z	3.495	7
3	MP3A	Mx	.001	7
4	MP3A	X	0	7
5	MP3A	Z	3.495	7
6	MP3A	Mx	-.001	7
7	OVP2	X	0	1.5
8	OVP2	Z	24.984	1.5
9	OVP2	Mx	.011	1.5
10	MP2A	X	0	3
11	MP2A	Z	17.116	3
12	MP2A	Mx	0	3
13	MP2A	X	0	5
14	MP2A	Z	17.116	5
15	MP2A	Mx	0	5
16	MP2B	X	0	3
17	MP2B	Z	14.741	3
18	MP2B	Mx	-.004	3
19	MP2B	X	0	5
20	MP2B	Z	14.741	5
21	MP2B	Mx	-.004	5
22	MP2C	X	0	3
23	MP2C	Z	9.991	3
24	MP2C	Mx	.004	3
25	MP2C	X	0	5
26	MP2C	Z	9.991	5
27	MP2C	Mx	.004	5
28	MP4A	X	0	3
29	MP4A	Z	14.794	3
30	MP4A	Mx	0	3
31	MP4B	X	0	3
32	MP4B	Z	11.573	3
33	MP4B	Mx	.005	3
34	MP4C	X	0	3
35	MP4C	Z	11.573	3
36	MP4C	Mx	-.005	3
37	MP3A	X	0	3
38	MP3A	Z	14.794	3
39	MP3A	Mx	0	3
40	MP3B	X	0	3
41	MP3B	Z	10.993	3
42	MP3B	Mx	.005	3
43	MP3C	X	0	3
44	MP3C	Z	10.993	3
45	MP3C	Mx	-.005	3
46	MP3A	X	0	2
47	MP3A	Z	28.624	2
48	MP3A	Mx	.014	2
49	MP3A	X	0	6
50	MP3A	Z	28.624	6
51	MP3A	Mx	.014	6
52	MP3B	X	0	2
53	MP3B	Z	26.503	2
54	MP3B	Mx	-.018	2
55	MP3B	X	0	6
56	MP3B	Z	26.503	6
57	MP3B	Mx	-.018	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3C	X	0	2
59	MP3C	Z	22.263	2
60	MP3C	Mx	.004	2
61	MP3C	X	0	6
62	MP3C	Z	22.263	6
63	MP3C	Mx	.004	6
64	MP3A	X	0	2
65	MP3A	Z	28.624	2
66	MP3A	Mx	-.014	2
67	MP3A	X	0	6
68	MP3A	Z	28.624	6
69	MP3A	Mx	-.014	6
70	MP3B	X	0	2
71	MP3B	Z	26.503	2
72	MP3B	Mx	.005	2
73	MP3B	X	0	6
74	MP3B	Z	26.503	6
75	MP3B	Mx	.005	6
76	MP3C	X	0	2
77	MP3C	Z	22.263	2
78	MP3C	Mx	.015	2
79	MP3C	X	0	6
80	MP3C	Z	22.263	6
81	MP3C	Mx	.015	6
82	MP1A	X	0	3
83	MP1A	Z	10.485	3
84	MP1A	Mx	0	3
85	MP1A	X	0	5
86	MP1A	Z	10.485	5
87	MP1A	Mx	0	5
88	MP1B	X	0	3
89	MP1B	Z	17.142	3
90	MP1B	Mx	-.007	3
91	MP1B	X	0	5
92	MP1B	Z	17.142	5
93	MP1B	Mx	-.007	5
94	MP1C	X	0	3
95	MP1C	Z	17.142	3
96	MP1C	Mx	.007	3
97	MP1C	X	0	5
98	MP1C	Z	17.142	5
99	MP1C	Mx	.007	5
100	MP4A	X	0	3
101	MP4A	Z	10.485	3
102	MP4A	Mx	0	3
103	MP4A	X	0	5
104	MP4A	Z	10.485	5
105	MP4A	Mx	0	5
106	MP4B	X	0	3
107	MP4B	Z	17.142	3
108	MP4B	Mx	-.007	3
109	MP4B	X	0	5
110	MP4B	Z	17.142	5
111	MP4B	Mx	-.007	5
112	MP4C	X	0	3
113	MP4C	Z	17.142	3
114	MP4C	Mx	.007	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
115	MP4C	X	0	5
116	MP4C	Z	17.142	5
117	MP4C	Mx	.007	5
118	OVP1	X	0	1.5
119	OVP1	Z	29.447	1.5
120	OVP1	Mx	-.003	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-2.361	7
2	MP3A	Z	4.089	7
3	MP3A	Mx	.000183	7
4	MP3A	X	-2.361	7
5	MP3A	Z	4.089	7
6	MP3A	Mx	-.003	7
7	OVP2	X	-11.717	1.5
8	OVP2	Z	20.295	1.5
9	OVP2	Mx	.012	1.5
10	MP2A	X	-7.371	3
11	MP2A	Z	12.766	3
12	MP2A	Mx	.004	3
13	MP2A	X	-7.371	5
14	MP2A	Z	12.766	5
15	MP2A	Mx	.004	5
16	MP2B	X	-4.995	3
17	MP2B	Z	8.652	3
18	MP2B	Mx	-.004	3
19	MP2B	X	-4.995	5
20	MP2B	Z	8.652	5
21	MP2B	Mx	-.004	5
22	MP2C	X	-7.371	3
23	MP2C	Z	12.766	3
24	MP2C	Mx	.004	3
25	MP2C	X	-7.371	5
26	MP2C	Z	12.766	5
27	MP2C	Mx	.004	5
28	MP4A	X	-6.86	3
29	MP4A	Z	11.882	3
30	MP4A	Mx	-.003	3
31	MP4B	X	-5.25	3
32	MP4B	Z	9.093	3
33	MP4B	Mx	.005	3
34	MP4C	X	-6.86	3
35	MP4C	Z	11.882	3
36	MP4C	Mx	-.003	3
37	MP3A	X	-6.764	3
38	MP3A	Z	11.715	3
39	MP3A	Mx	-.003	3
40	MP3B	X	-4.863	3
41	MP3B	Z	8.423	3
42	MP3B	Mx	.005	3
43	MP3C	X	-6.764	3
44	MP3C	Z	11.715	3
45	MP3C	Mx	-.003	3
46	MP3A	X	-13.252	2
47	MP3A	Z	22.953	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
48	MP3A	Mx	.018	2
49	MP3A	X	-13.252	6
50	MP3A	Z	22.953	6
51	MP3A	Mx	.018	6
52	MP3B	X	-11.131	2
53	MP3B	Z	19.28	2
54	MP3B	Mx	-.015	2
55	MP3B	X	-11.131	6
56	MP3B	Z	19.28	6
57	MP3B	Mx	-.015	6
58	MP3C	X	-13.252	2
59	MP3C	Z	22.953	2
60	MP3C	Mx	-.005	2
61	MP3C	X	-13.252	6
62	MP3C	Z	22.953	6
63	MP3C	Mx	-.005	6
64	MP3A	X	-13.252	2
65	MP3A	Z	22.953	2
66	MP3A	Mx	-.005	2
67	MP3A	X	-13.252	6
68	MP3A	Z	22.953	6
69	MP3A	Mx	-.005	6
70	MP3B	X	-11.131	2
71	MP3B	Z	19.28	2
72	MP3B	Mx	-.004	2
73	MP3B	X	-11.131	6
74	MP3B	Z	19.28	6
75	MP3B	Mx	-.004	6
76	MP3C	X	-13.252	2
77	MP3C	Z	22.953	2
78	MP3C	Mx	.018	2
79	MP3C	X	-13.252	6
80	MP3C	Z	22.953	6
81	MP3C	Mx	.018	6
82	MP1A	X	-6.352	3
83	MP1A	Z	11.002	3
84	MP1A	Mx	.003	3
85	MP1A	X	-6.352	5
86	MP1A	Z	11.002	5
87	MP1A	Mx	.003	5
88	MP1B	X	-9.68	3
89	MP1B	Z	16.767	3
90	MP1B	Mx	-.01	3
91	MP1B	X	-9.68	5
92	MP1B	Z	16.767	5
93	MP1B	Mx	-.01	5
94	MP1C	X	-6.352	3
95	MP1C	Z	11.002	3
96	MP1C	Mx	.003	3
97	MP1C	X	-6.352	5
98	MP1C	Z	11.002	5
99	MP1C	Mx	.003	5
100	MP4A	X	-6.352	3
101	MP4A	Z	11.002	3
102	MP4A	Mx	.003	3
103	MP4A	X	-6.352	5
104	MP4A	Z	11.002	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
105	MP4A	Mx	.003	5
106	MP4B	X	-9.68	3
107	MP4B	Z	16.767	3
108	MP4B	Mx	-.01	3
109	MP4B	X	-9.68	5
110	MP4B	Z	16.767	5
111	MP4B	Mx	-.01	5
112	MP4C	X	-6.352	3
113	MP4C	Z	11.002	3
114	MP4C	Mx	.003	3
115	MP4C	X	-6.352	5
116	MP4C	Z	11.002	5
117	MP4C	Mx	.003	5
118	OVP1	X	-13.536	1.5
119	OVP1	Z	23.445	1.5
120	OVP1	Mx	-.009	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-6.214	7
2	MP3A	Z	3.587	7
3	MP3A	Mx	-.002	7
4	MP3A	X	-6.214	7
5	MP3A	Z	3.587	7
6	MP3A	Mx	-.004	7
7	OVP2	X	-21.637	1.5
8	OVP2	Z	12.492	1.5
9	OVP2	Mx	.011	1.5
10	MP2A	X	-8.652	3
11	MP2A	Z	4.995	3
12	MP2A	Mx	.004	3
13	MP2A	X	-8.652	5
14	MP2A	Z	4.995	5
15	MP2A	Mx	.004	5
16	MP2B	X	-6.595	3
17	MP2B	Z	3.808	3
18	MP2B	Mx	-.004	3
19	MP2B	X	-6.595	5
20	MP2B	Z	3.808	5
21	MP2B	Mx	-.004	5
22	MP2C	X	-14.823	3
23	MP2C	Z	8.558	3
24	MP2C	Mx	0	3
25	MP2C	X	-14.823	5
26	MP2C	Z	8.558	5
27	MP2C	Mx	0	5
28	MP4A	X	-10.022	3
29	MP4A	Z	5.786	3
30	MP4A	Mx	-.005	3
31	MP4B	X	-10.022	3
32	MP4B	Z	5.786	3
33	MP4B	Mx	.005	3
34	MP4C	X	-12.812	3
35	MP4C	Z	7.397	3
36	MP4C	Mx	0	3
37	MP3A	X	-9.52	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
38	MP3A	Z	5.497	3
39	MP3A	Mx	-.005	3
40	MP3B	X	-9.52	3
41	MP3B	Z	5.497	3
42	MP3B	Mx	.005	3
43	MP3C	X	-12.812	3
44	MP3C	Z	7.397	3
45	MP3C	Mx	0	3
46	MP3A	X	-19.28	2
47	MP3A	Z	11.131	2
48	MP3A	Mx	.015	2
49	MP3A	X	-19.28	6
50	MP3A	Z	11.131	6
51	MP3A	Mx	.015	6
52	MP3B	X	-17.444	2
53	MP3B	Z	10.071	2
54	MP3B	Mx	-.01	2
55	MP3B	X	-17.444	6
56	MP3B	Z	10.071	6
57	MP3B	Mx	-.01	6
58	MP3C	X	-24.789	2
59	MP3C	Z	14.312	2
60	MP3C	Mx	-.014	2
61	MP3C	X	-24.789	6
62	MP3C	Z	14.312	6
63	MP3C	Mx	-.014	6
64	MP3A	X	-19.28	2
65	MP3A	Z	11.131	2
66	MP3A	Mx	.004	2
67	MP3A	X	-19.28	6
68	MP3A	Z	11.131	6
69	MP3A	Mx	.004	6
70	MP3B	X	-17.444	2
71	MP3B	Z	10.071	2
72	MP3B	Mx	-.01	2
73	MP3B	X	-17.444	6
74	MP3B	Z	10.071	6
75	MP3B	Mx	-.01	6
76	MP3C	X	-24.789	2
77	MP3C	Z	14.312	2
78	MP3C	Mx	.014	2
79	MP3C	X	-24.789	6
80	MP3C	Z	14.312	6
81	MP3C	Mx	.014	6
82	MP1A	X	-14.845	3
83	MP1A	Z	8.571	3
84	MP1A	Mx	.007	3
85	MP1A	X	-14.845	5
86	MP1A	Z	8.571	5
87	MP1A	Mx	.007	5
88	MP1B	X	-14.845	3
89	MP1B	Z	8.571	3
90	MP1B	Mx	-.007	3
91	MP1B	X	-14.845	5
92	MP1B	Z	8.571	5
93	MP1B	Mx	-.007	5
94	MP1C	X	-9.081	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
95	MP1C	Z	5.243	3
96	MP1C	Mx	0	3
97	MP1C	X	-9.081	5
98	MP1C	Z	5.243	5
99	MP1C	Mx	0	5
100	MP4A	X	-14.845	3
101	MP4A	Z	8.571	3
102	MP4A	Mx	.007	3
103	MP4A	X	-14.845	5
104	MP4A	Z	8.571	5
105	MP4A	Mx	.007	5
106	MP4B	X	-14.845	3
107	MP4B	Z	8.571	3
108	MP4B	Mx	-.007	3
109	MP4B	X	-14.845	5
110	MP4B	Z	8.571	5
111	MP4B	Mx	-.007	5
112	MP4C	X	-9.081	3
113	MP4C	Z	5.243	3
114	MP4C	Mx	0	3
115	MP4C	X	-9.081	5
116	MP4C	Z	5.243	5
117	MP4C	Mx	0	5
118	OVP1	X	-20.923	1.5
119	OVP1	Z	12.08	1.5
120	OVP1	Mx	-.011	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-8.402	7
2	MP3A	Z	0	7
3	MP3A	Mx	-.004	7
4	MP3A	X	-8.402	7
5	MP3A	Z	0	7
6	MP3A	Mx	-.004	7
7	OVP2	X	-28.084	1.5
8	OVP2	Z	0	1.5
9	OVP2	Mx	.007	1.5
10	MP2A	X	-7.616	3
11	MP2A	Z	0	3
12	MP2A	Mx	.004	3
13	MP2A	X	-7.616	5
14	MP2A	Z	0	5
15	MP2A	Mx	.004	5
16	MP2B	X	-9.991	3
17	MP2B	Z	0	3
18	MP2B	Mx	-.004	3
19	MP2B	X	-9.991	5
20	MP2B	Z	0	5
21	MP2B	Mx	-.004	5
22	MP2C	X	-14.741	3
23	MP2C	Z	0	3
24	MP2C	Mx	-.004	3
25	MP2C	X	-14.741	5
26	MP2C	Z	0	5
27	MP2C	Mx	-.004	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
28	MP4A	X	-10.499	3
29	MP4A	Z	0	3
30	MP4A	Mx	-.005	3
31	MP4B	X	-13.72	3
32	MP4B	Z	0	3
33	MP4B	Mx	.003	3
34	MP4C	X	-13.72	3
35	MP4C	Z	0	3
36	MP4C	Mx	.003	3
37	MP3A	X	-9.726	3
38	MP3A	Z	0	3
39	MP3A	Mx	-.005	3
40	MP3B	X	-13.527	3
41	MP3B	Z	0	3
42	MP3B	Mx	.003	3
43	MP3C	X	-13.527	3
44	MP3C	Z	0	3
45	MP3C	Mx	.003	3
46	MP3A	X	-20.142	2
47	MP3A	Z	0	2
48	MP3A	Mx	.01	2
49	MP3A	X	-20.142	6
50	MP3A	Z	0	6
51	MP3A	Mx	.01	6
52	MP3B	X	-22.263	2
53	MP3B	Z	0	2
54	MP3B	Mx	-.004	2
55	MP3B	X	-22.263	6
56	MP3B	Z	0	6
57	MP3B	Mx	-.004	6
58	MP3C	X	-26.503	2
59	MP3C	Z	0	2
60	MP3C	Mx	-.018	2
61	MP3C	X	-26.503	6
62	MP3C	Z	0	6
63	MP3C	Mx	-.018	6
64	MP3A	X	-20.142	2
65	MP3A	Z	0	2
66	MP3A	Mx	.01	2
67	MP3A	X	-20.142	6
68	MP3A	Z	0	6
69	MP3A	Mx	.01	6
70	MP3B	X	-22.263	2
71	MP3B	Z	0	2
72	MP3B	Mx	-.015	2
73	MP3B	X	-22.263	6
74	MP3B	Z	0	6
75	MP3B	Mx	-.015	6
76	MP3C	X	-26.503	2
77	MP3C	Z	0	2
78	MP3C	Mx	.005	2
79	MP3C	X	-26.503	6
80	MP3C	Z	0	6
81	MP3C	Mx	.005	6
82	MP1A	X	-19.36	3
83	MP1A	Z	0	3
84	MP1A	Mx	.01	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
85	MP1A	X	-19.36	5
86	MP1A	Z	0	5
87	MP1A	Mx	.01	5
88	MP1B	X	-12.704	3
89	MP1B	Z	0	3
90	MP1B	Mx	-.003	3
91	MP1B	X	-12.704	5
92	MP1B	Z	0	5
93	MP1B	Mx	-.003	5
94	MP1C	X	-12.704	3
95	MP1C	Z	0	3
96	MP1C	Mx	-.003	3
97	MP1C	X	-12.704	5
98	MP1C	Z	0	5
99	MP1C	Mx	-.003	5
100	MP4A	X	-19.36	3
101	MP4A	Z	0	3
102	MP4A	Mx	.01	3
103	MP4A	X	-19.36	5
104	MP4A	Z	0	5
105	MP4A	Mx	.01	5
106	MP4B	X	-12.704	3
107	MP4B	Z	0	3
108	MP4B	Mx	-.003	3
109	MP4B	X	-12.704	5
110	MP4B	Z	0	5
111	MP4B	Mx	-.003	5
112	MP4C	X	-12.704	3
113	MP4C	Z	0	3
114	MP4C	Mx	-.003	3
115	MP4C	X	-12.704	5
116	MP4C	Z	0	5
117	MP4C	Mx	-.003	5
118	OVP1	X	-23.621	1.5
119	OVP1	Z	0	1.5
120	OVP1	Mx	-.012	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-6.214	7
2	MP3A	Z	-3.587	7
3	MP3A	Mx	-.004	7
4	MP3A	X	-6.214	7
5	MP3A	Z	-3.587	7
6	MP3A	Mx	-.002	7
7	OVP2	X	-25.664	1.5
8	OVP2	Z	-14.817	1.5
9	OVP2	Mx	0	1.5
10	MP2A	X	-8.652	3
11	MP2A	Z	-4.995	3
12	MP2A	Mx	.004	3
13	MP2A	X	-8.652	5
14	MP2A	Z	-4.995	5
15	MP2A	Mx	.004	5
16	MP2B	X	-12.766	3
17	MP2B	Z	-7.371	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
18	MP2B	Mx	-.004	3
19	MP2B	X	-12.766	5
20	MP2B	Z	-7.371	5
21	MP2B	Mx	-.004	5
22	MP2C	X	-8.652	3
23	MP2C	Z	-4.995	3
24	MP2C	Mx	-.004	3
25	MP2C	X	-8.652	5
26	MP2C	Z	-4.995	5
27	MP2C	Mx	-.004	5
28	MP4A	X	-10.022	3
29	MP4A	Z	-5.786	3
30	MP4A	Mx	-.005	3
31	MP4B	X	-12.812	3
32	MP4B	Z	-7.397	3
33	MP4B	Mx	0	3
34	MP4C	X	-10.022	3
35	MP4C	Z	-5.786	3
36	MP4C	Mx	.005	3
37	MP3A	X	-9.52	3
38	MP3A	Z	-5.497	3
39	MP3A	Mx	-.005	3
40	MP3B	X	-12.812	3
41	MP3B	Z	-7.397	3
42	MP3B	Mx	0	3
43	MP3C	X	-9.52	3
44	MP3C	Z	-5.497	3
45	MP3C	Mx	.005	3
46	MP3A	X	-19.28	2
47	MP3A	Z	-11.131	2
48	MP3A	Mx	.004	2
49	MP3A	X	-19.28	6
50	MP3A	Z	-11.131	6
51	MP3A	Mx	.004	6
52	MP3B	X	-22.953	2
53	MP3B	Z	-13.252	2
54	MP3B	Mx	.005	2
55	MP3B	X	-22.953	6
56	MP3B	Z	-13.252	6
57	MP3B	Mx	.005	6
58	MP3C	X	-19.28	2
59	MP3C	Z	-11.131	2
60	MP3C	Mx	-.015	2
61	MP3C	X	-19.28	6
62	MP3C	Z	-11.131	6
63	MP3C	Mx	-.015	6
64	MP3A	X	-19.28	2
65	MP3A	Z	-11.131	2
66	MP3A	Mx	.015	2
67	MP3A	X	-19.28	6
68	MP3A	Z	-11.131	6
69	MP3A	Mx	.015	6
70	MP3B	X	-22.953	2
71	MP3B	Z	-13.252	2
72	MP3B	Mx	-.018	2
73	MP3B	X	-22.953	6
74	MP3B	Z	-13.252	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
75	MP3B	Mx	-.018	6
76	MP3C	X	-19.28	2
77	MP3C	Z	-11.131	2
78	MP3C	Mx	-.004	2
79	MP3C	X	-19.28	6
80	MP3C	Z	-11.131	6
81	MP3C	Mx	-.004	6
82	MP1A	X	-14.845	3
83	MP1A	Z	-8.571	3
84	MP1A	Mx	.007	3
85	MP1A	X	-14.845	5
86	MP1A	Z	-8.571	5
87	MP1A	Mx	.007	5
88	MP1B	X	-9.081	3
89	MP1B	Z	-5.243	3
90	MP1B	Mx	0	3
91	MP1B	X	-9.081	5
92	MP1B	Z	-5.243	5
93	MP1B	Mx	0	5
94	MP1C	X	-14.845	3
95	MP1C	Z	-8.571	3
96	MP1C	Mx	-.007	3
97	MP1C	X	-14.845	5
98	MP1C	Z	-8.571	5
99	MP1C	Mx	-.007	5
100	MP4A	X	-14.845	3
101	MP4A	Z	-8.571	3
102	MP4A	Mx	.007	3
103	MP4A	X	-14.845	5
104	MP4A	Z	-8.571	5
105	MP4A	Mx	.007	5
106	MP4B	X	-9.081	3
107	MP4B	Z	-5.243	3
108	MP4B	Mx	0	3
109	MP4B	X	-9.081	5
110	MP4B	Z	-5.243	5
111	MP4B	Mx	0	5
112	MP4C	X	-14.845	3
113	MP4C	Z	-8.571	3
114	MP4C	Mx	-.007	3
115	MP4C	X	-14.845	5
116	MP4C	Z	-8.571	5
117	MP4C	Mx	-.007	5
118	OVP1	X	-22.513	1.5
119	OVP1	Z	-12.998	1.5
120	OVP1	Mx	-.01	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-2.361	7
2	MP3A	Z	-4.089	7
3	MP3A	Mx	-.003	7
4	MP3A	X	-2.361	7
5	MP3A	Z	-4.089	7
6	MP3A	Mx	.000183	7
7	OVP2	X	-14.042	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
8	OVP2	Z	-24.322	1.5
9	OVP2	Mx	-.007	1.5
10	MP2A	X	-7.371	3
11	MP2A	Z	-12.766	3
12	MP2A	Mx	.004	3
13	MP2A	X	-7.371	5
14	MP2A	Z	-12.766	5
15	MP2A	Mx	.004	5
16	MP2B	X	-8.558	3
17	MP2B	Z	-14.823	3
18	MP2B	Mx	0	3
19	MP2B	X	-8.558	5
20	MP2B	Z	-14.823	5
21	MP2B	Mx	0	5
22	MP2C	X	-3.808	3
23	MP2C	Z	-6.595	3
24	MP2C	Mx	-.004	3
25	MP2C	X	-3.808	5
26	MP2C	Z	-6.595	5
27	MP2C	Mx	-.004	5
28	MP4A	X	-6.86	3
29	MP4A	Z	-11.882	3
30	MP4A	Mx	-.003	3
31	MP4B	X	-6.86	3
32	MP4B	Z	-11.882	3
33	MP4B	Mx	-.003	3
34	MP4C	X	-5.25	3
35	MP4C	Z	-9.093	3
36	MP4C	Mx	.005	3
37	MP3A	X	-6.764	3
38	MP3A	Z	-11.715	3
39	MP3A	Mx	-.003	3
40	MP3B	X	-6.764	3
41	MP3B	Z	-11.715	3
42	MP3B	Mx	-.003	3
43	MP3C	X	-4.863	3
44	MP3C	Z	-8.423	3
45	MP3C	Mx	.005	3
46	MP3A	X	-13.252	2
47	MP3A	Z	-22.953	2
48	MP3A	Mx	-.005	2
49	MP3A	X	-13.252	6
50	MP3A	Z	-22.953	6
51	MP3A	Mx	-.005	6
52	MP3B	X	-14.312	2
53	MP3B	Z	-24.789	2
54	MP3B	Mx	.014	2
55	MP3B	X	-14.312	6
56	MP3B	Z	-24.789	6
57	MP3B	Mx	.014	6
58	MP3C	X	-10.071	2
59	MP3C	Z	-17.444	2
60	MP3C	Mx	-.01	2
61	MP3C	X	-10.071	6
62	MP3C	Z	-17.444	6
63	MP3C	Mx	-.01	6
64	MP3A	X	-13.252	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
65	MP3A	Z	-22.953	2
66	MP3A	Mx	.018	2
67	MP3A	X	-13.252	6
68	MP3A	Z	-22.953	6
69	MP3A	Mx	.018	6
70	MP3B	X	-14.312	2
71	MP3B	Z	-24.789	2
72	MP3B	Mx	-.014	2
73	MP3B	X	-14.312	6
74	MP3B	Z	-24.789	6
75	MP3B	Mx	-.014	6
76	MP3C	X	-10.071	2
77	MP3C	Z	-17.444	2
78	MP3C	Mx	-.01	2
79	MP3C	X	-10.071	6
80	MP3C	Z	-17.444	6
81	MP3C	Mx	-.01	6
82	MP1A	X	-6.352	3
83	MP1A	Z	-11.002	3
84	MP1A	Mx	.003	3
85	MP1A	X	-6.352	5
86	MP1A	Z	-11.002	5
87	MP1A	Mx	.003	5
88	MP1B	X	-6.352	3
89	MP1B	Z	-11.002	3
90	MP1B	Mx	.003	3
91	MP1B	X	-6.352	5
92	MP1B	Z	-11.002	5
93	MP1B	Mx	.003	5
94	MP1C	X	-9.68	3
95	MP1C	Z	-16.767	3
96	MP1C	Mx	-.01	3
97	MP1C	X	-9.68	5
98	MP1C	Z	-16.767	5
99	MP1C	Mx	-.01	5
100	MP4A	X	-6.352	3
101	MP4A	Z	-11.002	3
102	MP4A	Mx	.003	3
103	MP4A	X	-6.352	5
104	MP4A	Z	-11.002	5
105	MP4A	Mx	.003	5
106	MP4B	X	-6.352	3
107	MP4B	Z	-11.002	3
108	MP4B	Mx	.003	3
109	MP4B	X	-6.352	5
110	MP4B	Z	-11.002	5
111	MP4B	Mx	.003	5
112	MP4C	X	-9.68	3
113	MP4C	Z	-16.767	3
114	MP4C	Mx	-.01	3
115	MP4C	X	-9.68	5
116	MP4C	Z	-16.767	5
117	MP4C	Mx	-.01	5
118	OVP1	X	-14.454	1.5
119	OVP1	Z	-25.036	1.5
120	OVP1	Mx	-.005	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	0	7
2	MP3A	Z	-2.09	7
3	MP3A	Mx	-.000697	7
4	MP3A	X	0	7
5	MP3A	Z	-2.09	7
6	MP3A	Mx	.000697	7
7	OVP2	X	0	1.5
8	OVP2	Z	-5.66	1.5
9	OVP2	Mx	-.002	1.5
10	MP2A	X	0	3
11	MP2A	Z	-4.28	3
12	MP2A	Mx	0	3
13	MP2A	X	0	5
14	MP2A	Z	-4.28	5
15	MP2A	Mx	0	5
16	MP2B	X	0	3
17	MP2B	Z	-3.579	3
18	MP2B	Mx	.000895	3
19	MP2B	X	0	5
20	MP2B	Z	-3.579	5
21	MP2B	Mx	.000895	5
22	MP2C	X	0	3
23	MP2C	Z	-2.175	3
24	MP2C	Mx	-.000942	3
25	MP2C	X	0	5
26	MP2C	Z	-2.175	5
27	MP2C	Mx	-.000942	5
28	MP4A	X	0	3
29	MP4A	Z	-3.374	3
30	MP4A	Mx	0	3
31	MP4B	X	0	3
32	MP4B	Z	-2.541	3
33	MP4B	Mx	-.001	3
34	MP4C	X	0	3
35	MP4C	Z	-2.541	3
36	MP4C	Mx	.001	3
37	MP3A	X	0	3
38	MP3A	Z	-3.374	3
39	MP3A	Mx	0	3
40	MP3B	X	0	3
41	MP3B	Z	-2.378	3
42	MP3B	Mx	-.001	3
43	MP3C	X	0	3
44	MP3C	Z	-2.378	3
45	MP3C	Mx	.001	3
46	MP3A	X	0	2
47	MP3A	Z	-5.997	2
48	MP3A	Mx	-.003	2
49	MP3A	X	0	6
50	MP3A	Z	-5.997	6
51	MP3A	Mx	-.003	6
52	MP3B	X	0	2
53	MP3B	Z	-5.143	2
54	MP3B	Mx	.004	2
55	MP3B	X	0	6
56	MP3B	Z	-5.143	6
57	MP3B	Mx	.004	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3C	X	0	2
59	MP3C	Z	-3.434	2
60	MP3C	Mx	-.000628	2
61	MP3C	X	0	6
62	MP3C	Z	-3.434	6
63	MP3C	Mx	-.000628	6
64	MP3A	X	0	2
65	MP3A	Z	-5.997	2
66	MP3A	Mx	.003	2
67	MP3A	X	0	6
68	MP3A	Z	-5.997	6
69	MP3A	Mx	.003	6
70	MP3B	X	0	2
71	MP3B	Z	-5.143	2
72	MP3B	Mx	-.000941	2
73	MP3B	X	0	6
74	MP3B	Z	-5.143	6
75	MP3B	Mx	-.000941	6
76	MP3C	X	0	2
77	MP3C	Z	-3.434	2
78	MP3C	Mx	-.002	2
79	MP3C	X	0	6
80	MP3C	Z	-3.434	6
81	MP3C	Mx	-.002	6
82	MP1A	X	0	3
83	MP1A	Z	-2.841	3
84	MP1A	Mx	0	3
85	MP1A	X	0	5
86	MP1A	Z	-2.841	5
87	MP1A	Mx	0	5
88	MP1B	X	0	3
89	MP1B	Z	-5.117	3
90	MP1B	Mx	.002	3
91	MP1B	X	0	5
92	MP1B	Z	-5.117	5
93	MP1B	Mx	.002	5
94	MP1C	X	0	3
95	MP1C	Z	-5.117	3
96	MP1C	Mx	-.002	3
97	MP1C	X	0	5
98	MP1C	Z	-5.117	5
99	MP1C	Mx	-.002	5
100	MP4A	X	0	3
101	MP4A	Z	-2.841	3
102	MP4A	Mx	0	3
103	MP4A	X	0	5
104	MP4A	Z	-2.841	5
105	MP4A	Mx	0	5
106	MP4B	X	0	3
107	MP4B	Z	-5.117	3
108	MP4B	Mx	.002	3
109	MP4B	X	0	5
110	MP4B	Z	-5.117	5
111	MP4B	Mx	.002	5
112	MP4C	X	0	3
113	MP4C	Z	-5.117	3
114	MP4C	Mx	-.002	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
115	MP4C	X	0	5
116	MP4C	Z	-5.117	5
117	MP4C	Mx	-.002	5
118	OVP1	X	0	1.5
119	OVP1	Z	-6.851	1.5
120	OVP1	Mx	.000595	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	1.046	7
2	MP3A	Z	-1.811	7
3	MP3A	Mx	-8.1e-5	7
4	MP3A	X	1.046	7
5	MP3A	Z	-1.811	7
6	MP3A	Mx	.001	7
7	OVP2	X	2.623	1.5
8	OVP2	Z	-4.543	1.5
9	OVP2	Mx	-.003	1.5
10	MP2A	X	1.789	3
11	MP2A	Z	-3.099	3
12	MP2A	Mx	-.000894	3
13	MP2A	X	1.789	5
14	MP2A	Z	-3.099	5
15	MP2A	Mx	-.000894	5
16	MP2B	X	1.088	3
17	MP2B	Z	-1.884	3
18	MP2B	Mx	.000942	3
19	MP2B	X	1.088	5
20	MP2B	Z	-1.884	5
21	MP2B	Mx	.000942	5
22	MP2C	X	1.789	3
23	MP2C	Z	-3.099	3
24	MP2C	Mx	-.000895	3
25	MP2C	X	1.789	5
26	MP2C	Z	-3.099	5
27	MP2C	Mx	-.000895	5
28	MP4A	X	1.548	3
29	MP4A	Z	-2.682	3
30	MP4A	Mx	.000774	3
31	MP4B	X	1.132	3
32	MP4B	Z	-1.961	3
33	MP4B	Mx	-.001	3
34	MP4C	X	1.548	3
35	MP4C	Z	-2.682	3
36	MP4C	Mx	.000774	3
37	MP3A	X	1.521	3
38	MP3A	Z	-2.635	3
39	MP3A	Mx	.00076	3
40	MP3B	X	1.023	3
41	MP3B	Z	-1.772	3
42	MP3B	Mx	-.001	3
43	MP3C	X	1.521	3
44	MP3C	Z	-2.635	3
45	MP3C	Mx	.000761	3
46	MP3A	X	2.571	2
47	MP3A	Z	-4.454	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
48	MP3A	Mx	-.004	2
49	MP3A	X	2.571	6
50	MP3A	Z	-4.454	6
51	MP3A	Mx	-.004	6
52	MP3B	X	1.717	2
53	MP3B	Z	-2.974	2
54	MP3B	Mx	.002	2
55	MP3B	X	1.717	6
56	MP3B	Z	-2.974	6
57	MP3B	Mx	.002	6
58	MP3C	X	2.571	2
59	MP3C	Z	-4.454	2
60	MP3C	Mx	.000941	2
61	MP3C	X	2.571	6
62	MP3C	Z	-4.454	6
63	MP3C	Mx	.000941	6
64	MP3A	X	2.571	2
65	MP3A	Z	-4.454	2
66	MP3A	Mx	.000941	2
67	MP3A	X	2.571	6
68	MP3A	Z	-4.454	6
69	MP3A	Mx	.000941	6
70	MP3B	X	1.717	2
71	MP3B	Z	-2.974	2
72	MP3B	Mx	.000628	2
73	MP3B	X	1.717	6
74	MP3B	Z	-2.974	6
75	MP3B	Mx	.000628	6
76	MP3C	X	2.571	2
77	MP3C	Z	-4.454	2
78	MP3C	Mx	-.004	2
79	MP3C	X	2.571	6
80	MP3C	Z	-4.454	6
81	MP3C	Mx	-.004	6
82	MP1A	X	1.8	3
83	MP1A	Z	-3.117	3
84	MP1A	Mx	-.0009	3
85	MP1A	X	1.8	5
86	MP1A	Z	-3.117	5
87	MP1A	Mx	-.0009	5
88	MP1B	X	2.938	3
89	MP1B	Z	-5.089	3
90	MP1B	Mx	.003	3
91	MP1B	X	2.938	5
92	MP1B	Z	-5.089	5
93	MP1B	Mx	.003	5
94	MP1C	X	1.8	3
95	MP1C	Z	-3.117	3
96	MP1C	Mx	-.0009	3
97	MP1C	X	1.8	5
98	MP1C	Z	-3.117	5
99	MP1C	Mx	-.0009	5
100	MP4A	X	1.8	3
101	MP4A	Z	-3.117	3
102	MP4A	Mx	-.0009	3
103	MP4A	X	1.8	5
104	MP4A	Z	-3.117	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
105	MP4A	Mx	-.0009	5
106	MP4B	X	2.938	3
107	MP4B	Z	-5.089	3
108	MP4B	Mx	.003	3
109	MP4B	X	2.938	5
110	MP4B	Z	-5.089	5
111	MP4B	Mx	.003	5
112	MP4C	X	1.8	3
113	MP4C	Z	-3.117	3
114	MP4C	Mx	-.0009	3
115	MP4C	X	1.8	5
116	MP4C	Z	-3.117	5
117	MP4C	Mx	-.0009	5
118	OVP1	X	3.109	1.5
119	OVP1	Z	-5.384	1.5
120	OVP1	Mx	.002	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	1.814	7
2	MP3A	Z	-1.047	7
3	MP3A	Mx	.000558	7
4	MP3A	X	1.814	7
5	MP3A	Z	-1.047	7
6	MP3A	Mx	.001	7
7	OVP2	X	4.902	1.5
8	OVP2	Z	-2.83	1.5
9	OVP2	Mx	-.002	1.5
10	MP2A	X	1.884	3
11	MP2A	Z	-1.088	3
12	MP2A	Mx	-.000942	3
13	MP2A	X	1.884	5
14	MP2A	Z	-1.088	5
15	MP2A	Mx	-.000942	5
16	MP2B	X	1.277	3
17	MP2B	Z	-.737	3
18	MP2B	Mx	.000737	3
19	MP2B	X	1.277	5
20	MP2B	Z	-.737	5
21	MP2B	Mx	.000737	5
22	MP2C	X	3.707	3
23	MP2C	Z	-2.14	3
24	MP2C	Mx	0	3
25	MP2C	X	3.707	5
26	MP2C	Z	-2.14	5
27	MP2C	Mx	0	5
28	MP4A	X	2.201	3
29	MP4A	Z	-1.271	3
30	MP4A	Mx	.001	3
31	MP4B	X	2.201	3
32	MP4B	Z	-1.271	3
33	MP4B	Mx	-.001	3
34	MP4C	X	2.922	3
35	MP4C	Z	-1.687	3
36	MP4C	Mx	0	3
37	MP3A	X	2.06	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
38	MP3A	Z	-1.189	3
39	MP3A	Mx	.001	3
40	MP3B	X	2.06	3
41	MP3B	Z	-1.189	3
42	MP3B	Mx	-.001	3
43	MP3C	X	2.922	3
44	MP3C	Z	-1.687	3
45	MP3C	Mx	0	3
46	MP3A	X	2.974	2
47	MP3A	Z	-1.717	2
48	MP3A	Mx	-.002	2
49	MP3A	X	2.974	6
50	MP3A	Z	-1.717	6
51	MP3A	Mx	-.002	6
52	MP3B	X	2.234	2
53	MP3B	Z	-1.29	2
54	MP3B	Mx	.001	2
55	MP3B	X	2.234	6
56	MP3B	Z	-1.29	6
57	MP3B	Mx	.001	6
58	MP3C	X	5.194	2
59	MP3C	Z	-2.999	2
60	MP3C	Mx	.003	2
61	MP3C	X	5.194	6
62	MP3C	Z	-2.999	6
63	MP3C	Mx	.003	6
64	MP3A	X	2.974	2
65	MP3A	Z	-1.717	2
66	MP3A	Mx	-.000629	2
67	MP3A	X	2.974	6
68	MP3A	Z	-1.717	6
69	MP3A	Mx	-.000629	6
70	MP3B	X	2.234	2
71	MP3B	Z	-1.29	2
72	MP3B	Mx	.001	2
73	MP3B	X	2.234	6
74	MP3B	Z	-1.29	6
75	MP3B	Mx	.001	6
76	MP3C	X	5.194	2
77	MP3C	Z	-2.999	2
78	MP3C	Mx	-.003	2
79	MP3C	X	5.194	6
80	MP3C	Z	-2.999	6
81	MP3C	Mx	-.003	6
82	MP1A	X	4.432	3
83	MP1A	Z	-2.559	3
84	MP1A	Mx	-.002	3
85	MP1A	X	4.432	5
86	MP1A	Z	-2.559	5
87	MP1A	Mx	-.002	5
88	MP1B	X	4.432	3
89	MP1B	Z	-2.559	3
90	MP1B	Mx	.002	3
91	MP1B	X	4.432	5
92	MP1B	Z	-2.559	5
93	MP1B	Mx	.002	5
94	MP1C	X	2.46	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
95	MP1C	Z	-1.42	3
96	MP1C	Mx	0	3
97	MP1C	X	2.46	5
98	MP1C	Z	-1.42	5
99	MP1C	Mx	0	5
100	MP4A	X	4.432	3
101	MP4A	Z	-2.559	3
102	MP4A	Mx	-.002	3
103	MP4A	X	4.432	5
104	MP4A	Z	-2.559	5
105	MP4A	Mx	-.002	5
106	MP4B	X	4.432	3
107	MP4B	Z	-2.559	3
108	MP4B	Mx	.002	3
109	MP4B	X	4.432	5
110	MP4B	Z	-2.559	5
111	MP4B	Mx	.002	5
112	MP4C	X	2.46	3
113	MP4C	Z	-1.42	3
114	MP4C	Mx	0	3
115	MP4C	X	2.46	5
116	MP4C	Z	-1.42	5
117	MP4C	Mx	0	5
118	OVP1	X	4.711	1.5
119	OVP1	Z	-2.72	1.5
120	OVP1	Mx	.003	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	2.096	7
2	MP3A	Z	0	7
3	MP3A	Mx	.001	7
4	MP3A	X	2.096	7
5	MP3A	Z	0	7
6	MP3A	Mx	.001	7
7	OVP2	X	6.487	1.5
8	OVP2	Z	0	1.5
9	OVP2	Mx	-.002	1.5
10	MP2A	X	1.474	3
11	MP2A	Z	0	3
12	MP2A	Mx	-.000737	3
13	MP2A	X	1.474	5
14	MP2A	Z	0	5
15	MP2A	Mx	-.000737	5
16	MP2B	X	2.175	3
17	MP2B	Z	0	3
18	MP2B	Mx	.000942	3
19	MP2B	X	2.175	5
20	MP2B	Z	0	5
21	MP2B	Mx	.000942	5
22	MP2C	X	3.579	3
23	MP2C	Z	0	3
24	MP2C	Mx	.000895	3
25	MP2C	X	3.579	5
26	MP2C	Z	0	5
27	MP2C	Mx	.000895	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
28	MP4A	X	2.264	3
29	MP4A	Z	0	3
30	MP4A	Mx	.001	3
31	MP4B	X	3.097	3
32	MP4B	Z	0	3
33	MP4B	Mx	-.000774	3
34	MP4C	X	3.097	3
35	MP4C	Z	0	3
36	MP4C	Mx	-.000774	3
37	MP3A	X	2.046	3
38	MP3A	Z	0	3
39	MP3A	Mx	.001	3
40	MP3B	X	3.042	3
41	MP3B	Z	0	3
42	MP3B	Mx	-.00076	3
43	MP3C	X	3.042	3
44	MP3C	Z	0	3
45	MP3C	Mx	-.00076	3
46	MP3A	X	2.58	2
47	MP3A	Z	0	2
48	MP3A	Mx	-.001	2
49	MP3A	X	2.58	6
50	MP3A	Z	0	6
51	MP3A	Mx	-.001	6
52	MP3B	X	3.434	2
53	MP3B	Z	0	2
54	MP3B	Mx	.000628	2
55	MP3B	X	3.434	6
56	MP3B	Z	0	6
57	MP3B	Mx	.000628	6
58	MP3C	X	5.143	2
59	MP3C	Z	0	2
60	MP3C	Mx	.004	2
61	MP3C	X	5.143	6
62	MP3C	Z	0	6
63	MP3C	Mx	.004	6
64	MP3A	X	2.58	2
65	MP3A	Z	0	2
66	MP3A	Mx	-.001	2
67	MP3A	X	2.58	6
68	MP3A	Z	0	6
69	MP3A	Mx	-.001	6
70	MP3B	X	3.434	2
71	MP3B	Z	0	2
72	MP3B	Mx	.002	2
73	MP3B	X	3.434	6
74	MP3B	Z	0	6
75	MP3B	Mx	.002	6
76	MP3C	X	5.143	2
77	MP3C	Z	0	2
78	MP3C	Mx	-.000941	2
79	MP3C	X	5.143	6
80	MP3C	Z	0	6
81	MP3C	Mx	-.000941	6
82	MP1A	X	5.876	3
83	MP1A	Z	0	3
84	MP1A	Mx	-.003	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
85	MP1A	X	5.876	5
86	MP1A	Z	0	5
87	MP1A	Mx	-.003	5
88	MP1B	X	3.6	3
89	MP1B	Z	0	3
90	MP1B	Mx	.0009	3
91	MP1B	X	3.6	5
92	MP1B	Z	0	5
93	MP1B	Mx	.0009	5
94	MP1C	X	3.6	3
95	MP1C	Z	0	3
96	MP1C	Mx	.0009	3
97	MP1C	X	3.6	5
98	MP1C	Z	0	5
99	MP1C	Mx	.0009	5
100	MP4A	X	5.876	3
101	MP4A	Z	0	3
102	MP4A	Mx	-.003	3
103	MP4A	X	5.876	5
104	MP4A	Z	0	5
105	MP4A	Mx	-.003	5
106	MP4B	X	3.6	3
107	MP4B	Z	0	3
108	MP4B	Mx	.0009	3
109	MP4B	X	3.6	5
110	MP4B	Z	0	5
111	MP4B	Mx	.0009	5
112	MP4C	X	3.6	3
113	MP4C	Z	0	3
114	MP4C	Mx	.0009	3
115	MP4C	X	3.6	5
116	MP4C	Z	0	5
117	MP4C	Mx	.0009	5
118	OVP1	X	5.296	1.5
119	OVP1	Z	0	1.5
120	OVP1	Mx	.003	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	1.814	7
2	MP3A	Z	1.047	7
3	MP3A	Mx	.001	7
4	MP3A	X	1.814	7
5	MP3A	Z	1.047	7
6	MP3A	Mx	.000558	7
7	OVP2	X	5.976	1.5
8	OVP2	Z	3.45	1.5
9	OVP2	Mx	0	1.5
10	MP2A	X	1.884	3
11	MP2A	Z	1.088	3
12	MP2A	Mx	-.000942	3
13	MP2A	X	1.884	5
14	MP2A	Z	1.088	5
15	MP2A	Mx	-.000942	5
16	MP2B	X	3.099	3
17	MP2B	Z	1.789	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
18	MP2B	Mx	.000895	3
19	MP2B	X	3.099	5
20	MP2B	Z	1.789	5
21	MP2B	Mx	.000895	5
22	MP2C	X	1.884	3
23	MP2C	Z	1.088	3
24	MP2C	Mx	.000942	3
25	MP2C	X	1.884	5
26	MP2C	Z	1.088	5
27	MP2C	Mx	.000942	5
28	MP4A	X	2.201	3
29	MP4A	Z	1.271	3
30	MP4A	Mx	.001	3
31	MP4B	X	2.922	3
32	MP4B	Z	1.687	3
33	MP4B	Mx	0	3
34	MP4C	X	2.201	3
35	MP4C	Z	1.271	3
36	MP4C	Mx	-.001	3
37	MP3A	X	2.06	3
38	MP3A	Z	1.189	3
39	MP3A	Mx	.001	3
40	MP3B	X	2.922	3
41	MP3B	Z	1.687	3
42	MP3B	Mx	0	3
43	MP3C	X	2.06	3
44	MP3C	Z	1.189	3
45	MP3C	Mx	-.001	3
46	MP3A	X	2.974	2
47	MP3A	Z	1.717	2
48	MP3A	Mx	-.000629	2
49	MP3A	X	2.974	6
50	MP3A	Z	1.717	6
51	MP3A	Mx	-.000629	6
52	MP3B	X	4.454	2
53	MP3B	Z	2.571	2
54	MP3B	Mx	-.000941	2
55	MP3B	X	4.454	6
56	MP3B	Z	2.571	6
57	MP3B	Mx	-.000941	6
58	MP3C	X	2.974	2
59	MP3C	Z	1.717	2
60	MP3C	Mx	.002	2
61	MP3C	X	2.974	6
62	MP3C	Z	1.717	6
63	MP3C	Mx	.002	6
64	MP3A	X	2.974	2
65	MP3A	Z	1.717	2
66	MP3A	Mx	-.002	2
67	MP3A	X	2.974	6
68	MP3A	Z	1.717	6
69	MP3A	Mx	-.002	6
70	MP3B	X	4.454	2
71	MP3B	Z	2.571	2
72	MP3B	Mx	.004	2
73	MP3B	X	4.454	6
74	MP3B	Z	2.571	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
75	MP3B	Mx	.004	6
76	MP3C	X	2.974	2
77	MP3C	Z	1.717	2
78	MP3C	Mx	.000628	2
79	MP3C	X	2.974	6
80	MP3C	Z	1.717	6
81	MP3C	Mx	.000628	6
82	MP1A	X	4.432	3
83	MP1A	Z	2.559	3
84	MP1A	Mx	-.002	3
85	MP1A	X	4.432	5
86	MP1A	Z	2.559	5
87	MP1A	Mx	-.002	5
88	MP1B	X	2.46	3
89	MP1B	Z	1.42	3
90	MP1B	Mx	0	3
91	MP1B	X	2.46	5
92	MP1B	Z	1.42	5
93	MP1B	Mx	0	5
94	MP1C	X	4.432	3
95	MP1C	Z	2.559	3
96	MP1C	Mx	.002	3
97	MP1C	X	4.432	5
98	MP1C	Z	2.559	5
99	MP1C	Mx	.002	5
100	MP4A	X	4.432	3
101	MP4A	Z	2.559	3
102	MP4A	Mx	-.002	3
103	MP4A	X	4.432	5
104	MP4A	Z	2.559	5
105	MP4A	Mx	-.002	5
106	MP4B	X	2.46	3
107	MP4B	Z	1.42	3
108	MP4B	Mx	0	3
109	MP4B	X	2.46	5
110	MP4B	Z	1.42	5
111	MP4B	Mx	0	5
112	MP4C	X	4.432	3
113	MP4C	Z	2.559	3
114	MP4C	Mx	.002	3
115	MP4C	X	4.432	5
116	MP4C	Z	2.559	5
117	MP4C	Mx	.002	5
118	OVP1	X	5.135	1.5
119	OVP1	Z	2.965	1.5
120	OVP1	Mx	.002	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	1.046	7
2	MP3A	Z	1.811	7
3	MP3A	Mx	.001	7
4	MP3A	X	1.046	7
5	MP3A	Z	1.811	7
6	MP3A	Mx	-8.1e-5	7
7	OVP2	X	3.243	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
8	OVP2	Z	5.618	1.5
9	OVP2	Mx	.002	1.5
10	MP2A	X	1.789	3
11	MP2A	Z	3.099	3
12	MP2A	Mx	-.000894	3
13	MP2A	X	1.789	5
14	MP2A	Z	3.099	5
15	MP2A	Mx	-.000894	5
16	MP2B	X	2.14	3
17	MP2B	Z	3.707	3
18	MP2B	Mx	0	3
19	MP2B	X	2.14	5
20	MP2B	Z	3.707	5
21	MP2B	Mx	0	5
22	MP2C	X	.737	3
23	MP2C	Z	1.277	3
24	MP2C	Mx	.000737	3
25	MP2C	X	.737	5
26	MP2C	Z	1.277	5
27	MP2C	Mx	.000737	5
28	MP4A	X	1.548	3
29	MP4A	Z	2.682	3
30	MP4A	Mx	.000774	3
31	MP4B	X	1.548	3
32	MP4B	Z	2.682	3
33	MP4B	Mx	.000774	3
34	MP4C	X	1.132	3
35	MP4C	Z	1.961	3
36	MP4C	Mx	-.001	3
37	MP3A	X	1.521	3
38	MP3A	Z	2.635	3
39	MP3A	Mx	.00076	3
40	MP3B	X	1.521	3
41	MP3B	Z	2.635	3
42	MP3B	Mx	.000761	3
43	MP3C	X	1.023	3
44	MP3C	Z	1.772	3
45	MP3C	Mx	-.001	3
46	MP3A	X	2.571	2
47	MP3A	Z	4.454	2
48	MP3A	Mx	.000941	2
49	MP3A	X	2.571	6
50	MP3A	Z	4.454	6
51	MP3A	Mx	.000941	6
52	MP3B	X	2.999	2
53	MP3B	Z	5.194	2
54	MP3B	Mx	-.003	2
55	MP3B	X	2.999	6
56	MP3B	Z	5.194	6
57	MP3B	Mx	-.003	6
58	MP3C	X	1.29	2
59	MP3C	Z	2.234	2
60	MP3C	Mx	.001	2
61	MP3C	X	1.29	6
62	MP3C	Z	2.234	6
63	MP3C	Mx	.001	6
64	MP3A	X	2.571	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
65	MP3A	Z	4.454	2
66	MP3A	Mx	-.004	2
67	MP3A	X	2.571	6
68	MP3A	Z	4.454	6
69	MP3A	Mx	-.004	6
70	MP3B	X	2.999	2
71	MP3B	Z	5.194	2
72	MP3B	Mx	.003	2
73	MP3B	X	2.999	6
74	MP3B	Z	5.194	6
75	MP3B	Mx	.003	6
76	MP3C	X	1.29	2
77	MP3C	Z	2.234	2
78	MP3C	Mx	.001	2
79	MP3C	X	1.29	6
80	MP3C	Z	2.234	6
81	MP3C	Mx	.001	6
82	MP1A	X	1.8	3
83	MP1A	Z	3.117	3
84	MP1A	Mx	-.0009	3
85	MP1A	X	1.8	5
86	MP1A	Z	3.117	5
87	MP1A	Mx	-.0009	5
88	MP1B	X	1.8	3
89	MP1B	Z	3.117	3
90	MP1B	Mx	-.0009	3
91	MP1B	X	1.8	5
92	MP1B	Z	3.117	5
93	MP1B	Mx	-.0009	5
94	MP1C	X	2.938	3
95	MP1C	Z	5.089	3
96	MP1C	Mx	.003	3
97	MP1C	X	2.938	5
98	MP1C	Z	5.089	5
99	MP1C	Mx	.003	5
100	MP4A	X	1.8	3
101	MP4A	Z	3.117	3
102	MP4A	Mx	-.0009	3
103	MP4A	X	1.8	5
104	MP4A	Z	3.117	5
105	MP4A	Mx	-.0009	5
106	MP4B	X	1.8	3
107	MP4B	Z	3.117	3
108	MP4B	Mx	-.0009	3
109	MP4B	X	1.8	5
110	MP4B	Z	3.117	5
111	MP4B	Mx	-.0009	5
112	MP4C	X	2.938	3
113	MP4C	Z	5.089	3
114	MP4C	Mx	.003	3
115	MP4C	X	2.938	5
116	MP4C	Z	5.089	5
117	MP4C	Mx	.003	5
118	OVP1	X	3.354	1.5
119	OVP1	Z	5.808	1.5
120	OVP1	Mx	.001	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	0	7
2	MP3A	Z	2.09	7
3	MP3A	Mx	.000697	7
4	MP3A	X	0	7
5	MP3A	Z	2.09	7
6	MP3A	Mx	-.000697	7
7	OVP2	X	0	1.5
8	OVP2	Z	5.66	1.5
9	OVP2	Mx	.002	1.5
10	MP2A	X	0	3
11	MP2A	Z	4.28	3
12	MP2A	Mx	0	3
13	MP2A	X	0	5
14	MP2A	Z	4.28	5
15	MP2A	Mx	0	5
16	MP2B	X	0	3
17	MP2B	Z	3.579	3
18	MP2B	Mx	-.000895	3
19	MP2B	X	0	5
20	MP2B	Z	3.579	5
21	MP2B	Mx	-.000895	5
22	MP2C	X	0	3
23	MP2C	Z	2.175	3
24	MP2C	Mx	.000942	3
25	MP2C	X	0	5
26	MP2C	Z	2.175	5
27	MP2C	Mx	.000942	5
28	MP4A	X	0	3
29	MP4A	Z	3.374	3
30	MP4A	Mx	0	3
31	MP4B	X	0	3
32	MP4B	Z	2.541	3
33	MP4B	Mx	.001	3
34	MP4C	X	0	3
35	MP4C	Z	2.541	3
36	MP4C	Mx	-.001	3
37	MP3A	X	0	3
38	MP3A	Z	3.374	3
39	MP3A	Mx	0	3
40	MP3B	X	0	3
41	MP3B	Z	2.378	3
42	MP3B	Mx	.001	3
43	MP3C	X	0	3
44	MP3C	Z	2.378	3
45	MP3C	Mx	-.001	3
46	MP3A	X	0	2
47	MP3A	Z	5.997	2
48	MP3A	Mx	.003	2
49	MP3A	X	0	6
50	MP3A	Z	5.997	6
51	MP3A	Mx	.003	6
52	MP3B	X	0	2
53	MP3B	Z	5.143	2
54	MP3B	Mx	-.004	2
55	MP3B	X	0	6
56	MP3B	Z	5.143	6
57	MP3B	Mx	-.004	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3C	X	0	2
59	MP3C	Z	3.434	2
60	MP3C	Mx	.000628	2
61	MP3C	X	0	6
62	MP3C	Z	3.434	6
63	MP3C	Mx	.000628	6
64	MP3A	X	0	2
65	MP3A	Z	5.997	2
66	MP3A	Mx	-.003	2
67	MP3A	X	0	6
68	MP3A	Z	5.997	6
69	MP3A	Mx	-.003	6
70	MP3B	X	0	2
71	MP3B	Z	5.143	2
72	MP3B	Mx	.000941	2
73	MP3B	X	0	6
74	MP3B	Z	5.143	6
75	MP3B	Mx	.000941	6
76	MP3C	X	0	2
77	MP3C	Z	3.434	2
78	MP3C	Mx	.002	2
79	MP3C	X	0	6
80	MP3C	Z	3.434	6
81	MP3C	Mx	.002	6
82	MP1A	X	0	3
83	MP1A	Z	2.841	3
84	MP1A	Mx	0	3
85	MP1A	X	0	5
86	MP1A	Z	2.841	5
87	MP1A	Mx	0	5
88	MP1B	X	0	3
89	MP1B	Z	5.117	3
90	MP1B	Mx	-.002	3
91	MP1B	X	0	5
92	MP1B	Z	5.117	5
93	MP1B	Mx	-.002	5
94	MP1C	X	0	3
95	MP1C	Z	5.117	3
96	MP1C	Mx	.002	3
97	MP1C	X	0	5
98	MP1C	Z	5.117	5
99	MP1C	Mx	.002	5
100	MP4A	X	0	3
101	MP4A	Z	2.841	3
102	MP4A	Mx	0	3
103	MP4A	X	0	5
104	MP4A	Z	2.841	5
105	MP4A	Mx	0	5
106	MP4B	X	0	3
107	MP4B	Z	5.117	3
108	MP4B	Mx	-.002	3
109	MP4B	X	0	5
110	MP4B	Z	5.117	5
111	MP4B	Mx	-.002	5
112	MP4C	X	0	3
113	MP4C	Z	5.117	3
114	MP4C	Mx	.002	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
115	MP4C	X	0	5
116	MP4C	Z	5.117	5
117	MP4C	Mx	.002	5
118	OVP1	X	0	1.5
119	OVP1	Z	6.851	1.5
120	OVP1	Mx	-.000595	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-1.046	7
2	MP3A	Z	1.811	7
3	MP3A	Mx	8.1e-5	7
4	MP3A	X	-1.046	7
5	MP3A	Z	1.811	7
6	MP3A	Mx	-.001	7
7	OVP2	X	-2.623	1.5
8	OVP2	Z	4.543	1.5
9	OVP2	Mx	.003	1.5
10	MP2A	X	-1.789	3
11	MP2A	Z	3.099	3
12	MP2A	Mx	.000894	3
13	MP2A	X	-1.789	5
14	MP2A	Z	3.099	5
15	MP2A	Mx	.000894	5
16	MP2B	X	-1.088	3
17	MP2B	Z	1.884	3
18	MP2B	Mx	-.000942	3
19	MP2B	X	-1.088	5
20	MP2B	Z	1.884	5
21	MP2B	Mx	-.000942	5
22	MP2C	X	-1.789	3
23	MP2C	Z	3.099	3
24	MP2C	Mx	.000895	3
25	MP2C	X	-1.789	5
26	MP2C	Z	3.099	5
27	MP2C	Mx	.000895	5
28	MP4A	X	-1.548	3
29	MP4A	Z	2.682	3
30	MP4A	Mx	-.000774	3
31	MP4B	X	-1.132	3
32	MP4B	Z	1.961	3
33	MP4B	Mx	.001	3
34	MP4C	X	-1.548	3
35	MP4C	Z	2.682	3
36	MP4C	Mx	-.000774	3
37	MP3A	X	-1.521	3
38	MP3A	Z	2.635	3
39	MP3A	Mx	-.00076	3
40	MP3B	X	-1.023	3
41	MP3B	Z	1.772	3
42	MP3B	Mx	.001	3
43	MP3C	X	-1.521	3
44	MP3C	Z	2.635	3
45	MP3C	Mx	-.000761	3
46	MP3A	X	-2.571	2
47	MP3A	Z	4.454	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
48	MP3A	Mx	.004	2
49	MP3A	X	-2.571	6
50	MP3A	Z	4.454	6
51	MP3A	Mx	.004	6
52	MP3B	X	-1.717	2
53	MP3B	Z	2.974	2
54	MP3B	Mx	-.002	2
55	MP3B	X	-1.717	6
56	MP3B	Z	2.974	6
57	MP3B	Mx	-.002	6
58	MP3C	X	-2.571	2
59	MP3C	Z	4.454	2
60	MP3C	Mx	-.000941	2
61	MP3C	X	-2.571	6
62	MP3C	Z	4.454	6
63	MP3C	Mx	-.000941	6
64	MP3A	X	-2.571	2
65	MP3A	Z	4.454	2
66	MP3A	Mx	-.000941	2
67	MP3A	X	-2.571	6
68	MP3A	Z	4.454	6
69	MP3A	Mx	-.000941	6
70	MP3B	X	-1.717	2
71	MP3B	Z	2.974	2
72	MP3B	Mx	-.000628	2
73	MP3B	X	-1.717	6
74	MP3B	Z	2.974	6
75	MP3B	Mx	-.000628	6
76	MP3C	X	-2.571	2
77	MP3C	Z	4.454	2
78	MP3C	Mx	.004	2
79	MP3C	X	-2.571	6
80	MP3C	Z	4.454	6
81	MP3C	Mx	.004	6
82	MP1A	X	-1.8	3
83	MP1A	Z	3.117	3
84	MP1A	Mx	.0009	3
85	MP1A	X	-1.8	5
86	MP1A	Z	3.117	5
87	MP1A	Mx	.0009	5
88	MP1B	X	-2.938	3
89	MP1B	Z	5.089	3
90	MP1B	Mx	-.003	3
91	MP1B	X	-2.938	5
92	MP1B	Z	5.089	5
93	MP1B	Mx	-.003	5
94	MP1C	X	-1.8	3
95	MP1C	Z	3.117	3
96	MP1C	Mx	.0009	3
97	MP1C	X	-1.8	5
98	MP1C	Z	3.117	5
99	MP1C	Mx	.0009	5
100	MP4A	X	-1.8	3
101	MP4A	Z	3.117	3
102	MP4A	Mx	.0009	3
103	MP4A	X	-1.8	5
104	MP4A	Z	3.117	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
105	MP4A	Mx	.0009	5
106	MP4B	X	-2.938	3
107	MP4B	Z	5.089	3
108	MP4B	Mx	-.003	3
109	MP4B	X	-2.938	5
110	MP4B	Z	5.089	5
111	MP4B	Mx	-.003	5
112	MP4C	X	-1.8	3
113	MP4C	Z	3.117	3
114	MP4C	Mx	.0009	3
115	MP4C	X	-1.8	5
116	MP4C	Z	3.117	5
117	MP4C	Mx	.0009	5
118	OVP1	X	-3.109	1.5
119	OVP1	Z	5.384	1.5
120	OVP1	Mx	-.002	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-1.814	7
2	MP3A	Z	1.047	7
3	MP3A	Mx	-.000558	7
4	MP3A	X	-1.814	7
5	MP3A	Z	1.047	7
6	MP3A	Mx	-.001	7
7	OVP2	X	-4.902	1.5
8	OVP2	Z	2.83	1.5
9	OVP2	Mx	.002	1.5
10	MP2A	X	-1.884	3
11	MP2A	Z	1.088	3
12	MP2A	Mx	.000942	3
13	MP2A	X	-1.884	5
14	MP2A	Z	1.088	5
15	MP2A	Mx	.000942	5
16	MP2B	X	-1.277	3
17	MP2B	Z	.737	3
18	MP2B	Mx	-.000737	3
19	MP2B	X	-1.277	5
20	MP2B	Z	.737	5
21	MP2B	Mx	-.000737	5
22	MP2C	X	-3.707	3
23	MP2C	Z	2.14	3
24	MP2C	Mx	0	3
25	MP2C	X	-3.707	5
26	MP2C	Z	2.14	5
27	MP2C	Mx	0	5
28	MP4A	X	-2.201	3
29	MP4A	Z	1.271	3
30	MP4A	Mx	-.001	3
31	MP4B	X	-2.201	3
32	MP4B	Z	1.271	3
33	MP4B	Mx	.001	3
34	MP4C	X	-2.922	3
35	MP4C	Z	1.687	3
36	MP4C	Mx	0	3
37	MP3A	X	-2.06	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
38	MP3A	Z	1.189	3
39	MP3A	Mx	-.001	3
40	MP3B	X	-2.06	3
41	MP3B	Z	1.189	3
42	MP3B	Mx	.001	3
43	MP3C	X	-2.922	3
44	MP3C	Z	1.687	3
45	MP3C	Mx	0	3
46	MP3A	X	-2.974	2
47	MP3A	Z	1.717	2
48	MP3A	Mx	.002	2
49	MP3A	X	-2.974	6
50	MP3A	Z	1.717	6
51	MP3A	Mx	.002	6
52	MP3B	X	-2.234	2
53	MP3B	Z	1.29	2
54	MP3B	Mx	-.001	2
55	MP3B	X	-2.234	6
56	MP3B	Z	1.29	6
57	MP3B	Mx	-.001	6
58	MP3C	X	-5.194	2
59	MP3C	Z	2.999	2
60	MP3C	Mx	-.003	2
61	MP3C	X	-5.194	6
62	MP3C	Z	2.999	6
63	MP3C	Mx	-.003	6
64	MP3A	X	-2.974	2
65	MP3A	Z	1.717	2
66	MP3A	Mx	.000629	2
67	MP3A	X	-2.974	6
68	MP3A	Z	1.717	6
69	MP3A	Mx	.000629	6
70	MP3B	X	-2.234	2
71	MP3B	Z	1.29	2
72	MP3B	Mx	-.001	2
73	MP3B	X	-2.234	6
74	MP3B	Z	1.29	6
75	MP3B	Mx	-.001	6
76	MP3C	X	-5.194	2
77	MP3C	Z	2.999	2
78	MP3C	Mx	.003	2
79	MP3C	X	-5.194	6
80	MP3C	Z	2.999	6
81	MP3C	Mx	.003	6
82	MP1A	X	-4.432	3
83	MP1A	Z	2.559	3
84	MP1A	Mx	.002	3
85	MP1A	X	-4.432	5
86	MP1A	Z	2.559	5
87	MP1A	Mx	.002	5
88	MP1B	X	-4.432	3
89	MP1B	Z	2.559	3
90	MP1B	Mx	-.002	3
91	MP1B	X	-4.432	5
92	MP1B	Z	2.559	5
93	MP1B	Mx	-.002	5
94	MP1C	X	-2.46	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
95	MP1C	Z	1.42	3
96	MP1C	Mx	0	3
97	MP1C	X	-2.46	5
98	MP1C	Z	1.42	5
99	MP1C	Mx	0	5
100	MP4A	X	-4.432	3
101	MP4A	Z	2.559	3
102	MP4A	Mx	.002	3
103	MP4A	X	-4.432	5
104	MP4A	Z	2.559	5
105	MP4A	Mx	.002	5
106	MP4B	X	-4.432	3
107	MP4B	Z	2.559	3
108	MP4B	Mx	-.002	3
109	MP4B	X	-4.432	5
110	MP4B	Z	2.559	5
111	MP4B	Mx	-.002	5
112	MP4C	X	-2.46	3
113	MP4C	Z	1.42	3
114	MP4C	Mx	0	3
115	MP4C	X	-2.46	5
116	MP4C	Z	1.42	5
117	MP4C	Mx	0	5
118	OVP1	X	-4.711	1.5
119	OVP1	Z	2.72	1.5
120	OVP1	Mx	-.003	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-2.096	7
2	MP3A	Z	0	7
3	MP3A	Mx	-.001	7
4	MP3A	X	-2.096	7
5	MP3A	Z	0	7
6	MP3A	Mx	-.001	7
7	OVP2	X	-6.487	1.5
8	OVP2	Z	0	1.5
9	OVP2	Mx	.002	1.5
10	MP2A	X	-1.474	3
11	MP2A	Z	0	3
12	MP2A	Mx	.000737	3
13	MP2A	X	-1.474	5
14	MP2A	Z	0	5
15	MP2A	Mx	.000737	5
16	MP2B	X	-2.175	3
17	MP2B	Z	0	3
18	MP2B	Mx	-.000942	3
19	MP2B	X	-2.175	5
20	MP2B	Z	0	5
21	MP2B	Mx	-.000942	5
22	MP2C	X	-3.579	3
23	MP2C	Z	0	3
24	MP2C	Mx	-.000895	3
25	MP2C	X	-3.579	5
26	MP2C	Z	0	5
27	MP2C	Mx	-.000895	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
28	MP4A	X	-2.264	3
29	MP4A	Z	0	3
30	MP4A	Mx	-.001	3
31	MP4B	X	-3.097	3
32	MP4B	Z	0	3
33	MP4B	Mx	.000774	3
34	MP4C	X	-3.097	3
35	MP4C	Z	0	3
36	MP4C	Mx	.000774	3
37	MP3A	X	-2.046	3
38	MP3A	Z	0	3
39	MP3A	Mx	-.001	3
40	MP3B	X	-3.042	3
41	MP3B	Z	0	3
42	MP3B	Mx	.00076	3
43	MP3C	X	-3.042	3
44	MP3C	Z	0	3
45	MP3C	Mx	.00076	3
46	MP3A	X	-2.58	2
47	MP3A	Z	0	2
48	MP3A	Mx	.001	2
49	MP3A	X	-2.58	6
50	MP3A	Z	0	6
51	MP3A	Mx	.001	6
52	MP3B	X	-3.434	2
53	MP3B	Z	0	2
54	MP3B	Mx	-.000628	2
55	MP3B	X	-3.434	6
56	MP3B	Z	0	6
57	MP3B	Mx	-.000628	6
58	MP3C	X	-5.143	2
59	MP3C	Z	0	2
60	MP3C	Mx	-.004	2
61	MP3C	X	-5.143	6
62	MP3C	Z	0	6
63	MP3C	Mx	-.004	6
64	MP3A	X	-2.58	2
65	MP3A	Z	0	2
66	MP3A	Mx	.001	2
67	MP3A	X	-2.58	6
68	MP3A	Z	0	6
69	MP3A	Mx	.001	6
70	MP3B	X	-3.434	2
71	MP3B	Z	0	2
72	MP3B	Mx	-.002	2
73	MP3B	X	-3.434	6
74	MP3B	Z	0	6
75	MP3B	Mx	-.002	6
76	MP3C	X	-5.143	2
77	MP3C	Z	0	2
78	MP3C	Mx	.000941	2
79	MP3C	X	-5.143	6
80	MP3C	Z	0	6
81	MP3C	Mx	.000941	6
82	MP1A	X	-5.876	3
83	MP1A	Z	0	3
84	MP1A	Mx	.003	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
85	MP1A	X	-5.876	5
86	MP1A	Z	0	5
87	MP1A	Mx	.003	5
88	MP1B	X	-3.6	3
89	MP1B	Z	0	3
90	MP1B	Mx	-.0009	3
91	MP1B	X	-3.6	5
92	MP1B	Z	0	5
93	MP1B	Mx	-.0009	5
94	MP1C	X	-3.6	3
95	MP1C	Z	0	3
96	MP1C	Mx	-.0009	3
97	MP1C	X	-3.6	5
98	MP1C	Z	0	5
99	MP1C	Mx	-.0009	5
100	MP4A	X	-5.876	3
101	MP4A	Z	0	3
102	MP4A	Mx	.003	3
103	MP4A	X	-5.876	5
104	MP4A	Z	0	5
105	MP4A	Mx	.003	5
106	MP4B	X	-3.6	3
107	MP4B	Z	0	3
108	MP4B	Mx	-.0009	3
109	MP4B	X	-3.6	5
110	MP4B	Z	0	5
111	MP4B	Mx	-.0009	5
112	MP4C	X	-3.6	3
113	MP4C	Z	0	3
114	MP4C	Mx	-.0009	3
115	MP4C	X	-3.6	5
116	MP4C	Z	0	5
117	MP4C	Mx	-.0009	5
118	OVP1	X	-5.296	1.5
119	OVP1	Z	0	1.5
120	OVP1	Mx	-.003	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-1.814	7
2	MP3A	Z	-1.047	7
3	MP3A	Mx	-.001	7
4	MP3A	X	-1.814	7
5	MP3A	Z	-1.047	7
6	MP3A	Mx	-.000558	7
7	OVP2	X	-5.976	1.5
8	OVP2	Z	-3.45	1.5
9	OVP2	Mx	0	1.5
10	MP2A	X	-1.884	3
11	MP2A	Z	-1.088	3
12	MP2A	Mx	.000942	3
13	MP2A	X	-1.884	5
14	MP2A	Z	-1.088	5
15	MP2A	Mx	.000942	5
16	MP2B	X	-3.099	3
17	MP2B	Z	-1.789	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
18	MP2B	Mx	-.000895	3
19	MP2B	X	-3.099	5
20	MP2B	Z	-1.789	5
21	MP2B	Mx	-.000895	5
22	MP2C	X	-1.884	3
23	MP2C	Z	-1.088	3
24	MP2C	Mx	-.000942	3
25	MP2C	X	-1.884	5
26	MP2C	Z	-1.088	5
27	MP2C	Mx	-.000942	5
28	MP4A	X	-2.201	3
29	MP4A	Z	-1.271	3
30	MP4A	Mx	-.001	3
31	MP4B	X	-2.922	3
32	MP4B	Z	-1.687	3
33	MP4B	Mx	0	3
34	MP4C	X	-2.201	3
35	MP4C	Z	-1.271	3
36	MP4C	Mx	.001	3
37	MP3A	X	-2.06	3
38	MP3A	Z	-1.189	3
39	MP3A	Mx	-.001	3
40	MP3B	X	-2.922	3
41	MP3B	Z	-1.687	3
42	MP3B	Mx	0	3
43	MP3C	X	-2.06	3
44	MP3C	Z	-1.189	3
45	MP3C	Mx	.001	3
46	MP3A	X	-2.974	2
47	MP3A	Z	-1.717	2
48	MP3A	Mx	.000629	2
49	MP3A	X	-2.974	6
50	MP3A	Z	-1.717	6
51	MP3A	Mx	.000629	6
52	MP3B	X	-4.454	2
53	MP3B	Z	-2.571	2
54	MP3B	Mx	.000941	2
55	MP3B	X	-4.454	6
56	MP3B	Z	-2.571	6
57	MP3B	Mx	.000941	6
58	MP3C	X	-2.974	2
59	MP3C	Z	-1.717	2
60	MP3C	Mx	-.002	2
61	MP3C	X	-2.974	6
62	MP3C	Z	-1.717	6
63	MP3C	Mx	-.002	6
64	MP3A	X	-2.974	2
65	MP3A	Z	-1.717	2
66	MP3A	Mx	.002	2
67	MP3A	X	-2.974	6
68	MP3A	Z	-1.717	6
69	MP3A	Mx	.002	6
70	MP3B	X	-4.454	2
71	MP3B	Z	-2.571	2
72	MP3B	Mx	-.004	2
73	MP3B	X	-4.454	6
74	MP3B	Z	-2.571	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
75	MP3B	Mx	-.004	6
76	MP3C	X	-2.974	2
77	MP3C	Z	-1.717	2
78	MP3C	Mx	-.000628	2
79	MP3C	X	-2.974	6
80	MP3C	Z	-1.717	6
81	MP3C	Mx	-.000628	6
82	MP1A	X	-4.432	3
83	MP1A	Z	-2.559	3
84	MP1A	Mx	.002	3
85	MP1A	X	-4.432	5
86	MP1A	Z	-2.559	5
87	MP1A	Mx	.002	5
88	MP1B	X	-2.46	3
89	MP1B	Z	-1.42	3
90	MP1B	Mx	0	3
91	MP1B	X	-2.46	5
92	MP1B	Z	-1.42	5
93	MP1B	Mx	0	5
94	MP1C	X	-4.432	3
95	MP1C	Z	-2.559	3
96	MP1C	Mx	-.002	3
97	MP1C	X	-4.432	5
98	MP1C	Z	-2.559	5
99	MP1C	Mx	-.002	5
100	MP4A	X	-4.432	3
101	MP4A	Z	-2.559	3
102	MP4A	Mx	.002	3
103	MP4A	X	-4.432	5
104	MP4A	Z	-2.559	5
105	MP4A	Mx	.002	5
106	MP4B	X	-2.46	3
107	MP4B	Z	-1.42	3
108	MP4B	Mx	0	3
109	MP4B	X	-2.46	5
110	MP4B	Z	-1.42	5
111	MP4B	Mx	0	5
112	MP4C	X	-4.432	3
113	MP4C	Z	-2.559	3
114	MP4C	Mx	-.002	3
115	MP4C	X	-4.432	5
116	MP4C	Z	-2.559	5
117	MP4C	Mx	-.002	5
118	OVP1	X	-5.135	1.5
119	OVP1	Z	-2.965	1.5
120	OVP1	Mx	-.002	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-1.046	7
2	MP3A	Z	-1.811	7
3	MP3A	Mx	-.001	7
4	MP3A	X	-1.046	7
5	MP3A	Z	-1.811	7
6	MP3A	Mx	8.1e-5	7
7	OVP2	X	-3.243	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
8	OVP2	Z	-5.618	1.5
9	OVP2	Mx	-.002	1.5
10	MP2A	X	-1.789	3
11	MP2A	Z	-3.099	3
12	MP2A	Mx	.000894	3
13	MP2A	X	-1.789	5
14	MP2A	Z	-3.099	5
15	MP2A	Mx	.000894	5
16	MP2B	X	-2.14	3
17	MP2B	Z	-3.707	3
18	MP2B	Mx	0	3
19	MP2B	X	-2.14	5
20	MP2B	Z	-3.707	5
21	MP2B	Mx	0	5
22	MP2C	X	-.737	3
23	MP2C	Z	-1.277	3
24	MP2C	Mx	-.000737	3
25	MP2C	X	-.737	5
26	MP2C	Z	-1.277	5
27	MP2C	Mx	-.000737	5
28	MP4A	X	-1.548	3
29	MP4A	Z	-2.682	3
30	MP4A	Mx	-.000774	3
31	MP4B	X	-1.548	3
32	MP4B	Z	-2.682	3
33	MP4B	Mx	-.000774	3
34	MP4C	X	-1.132	3
35	MP4C	Z	-1.961	3
36	MP4C	Mx	.001	3
37	MP3A	X	-1.521	3
38	MP3A	Z	-2.635	3
39	MP3A	Mx	-.00076	3
40	MP3B	X	-1.521	3
41	MP3B	Z	-2.635	3
42	MP3B	Mx	-.000761	3
43	MP3C	X	-1.023	3
44	MP3C	Z	-1.772	3
45	MP3C	Mx	.001	3
46	MP3A	X	-2.571	2
47	MP3A	Z	-4.454	2
48	MP3A	Mx	-.000941	2
49	MP3A	X	-2.571	6
50	MP3A	Z	-4.454	6
51	MP3A	Mx	-.000941	6
52	MP3B	X	-2.999	2
53	MP3B	Z	-5.194	2
54	MP3B	Mx	.003	2
55	MP3B	X	-2.999	6
56	MP3B	Z	-5.194	6
57	MP3B	Mx	.003	6
58	MP3C	X	-1.29	2
59	MP3C	Z	-2.234	2
60	MP3C	Mx	-.001	2
61	MP3C	X	-1.29	6
62	MP3C	Z	-2.234	6
63	MP3C	Mx	-.001	6
64	MP3A	X	-2.571	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
65	MP3A	Z	-4.454	2
66	MP3A	Mx	.004	2
67	MP3A	X	-2.571	6
68	MP3A	Z	-4.454	6
69	MP3A	Mx	.004	6
70	MP3B	X	-2.999	2
71	MP3B	Z	-5.194	2
72	MP3B	Mx	-.003	2
73	MP3B	X	-2.999	6
74	MP3B	Z	-5.194	6
75	MP3B	Mx	-.003	6
76	MP3C	X	-1.29	2
77	MP3C	Z	-2.234	2
78	MP3C	Mx	-.001	2
79	MP3C	X	-1.29	6
80	MP3C	Z	-2.234	6
81	MP3C	Mx	-.001	6
82	MP1A	X	-1.8	3
83	MP1A	Z	-3.117	3
84	MP1A	Mx	.0009	3
85	MP1A	X	-1.8	5
86	MP1A	Z	-3.117	5
87	MP1A	Mx	.0009	5
88	MP1B	X	-1.8	3
89	MP1B	Z	-3.117	3
90	MP1B	Mx	.0009	3
91	MP1B	X	-1.8	5
92	MP1B	Z	-3.117	5
93	MP1B	Mx	.0009	5
94	MP1C	X	-2.938	3
95	MP1C	Z	-5.089	3
96	MP1C	Mx	-.003	3
97	MP1C	X	-2.938	5
98	MP1C	Z	-5.089	5
99	MP1C	Mx	-.003	5
100	MP4A	X	-1.8	3
101	MP4A	Z	-3.117	3
102	MP4A	Mx	.0009	3
103	MP4A	X	-1.8	5
104	MP4A	Z	-3.117	5
105	MP4A	Mx	.0009	5
106	MP4B	X	-1.8	3
107	MP4B	Z	-3.117	3
108	MP4B	Mx	.0009	3
109	MP4B	X	-1.8	5
110	MP4B	Z	-3.117	5
111	MP4B	Mx	.0009	5
112	MP4C	X	-2.938	3
113	MP4C	Z	-5.089	3
114	MP4C	Mx	-.003	3
115	MP4C	X	-2.938	5
116	MP4C	Z	-5.089	5
117	MP4C	Mx	-.003	5
118	OVP1	X	-3.354	1.5
119	OVP1	Z	-5.808	1.5
120	OVP1	Mx	-.001	1.5

Member Point Loads (BLC 77 : Lm1)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M172	Y	-500	%66

Member Point Loads (BLC 78 : Lm2)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M172	Y	-500	%34

Member Point Loads (BLC 79 : Lv1)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M172	Y	-250	%50

Member Point Loads (BLC 80 : Lv2)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M172	Y	-250	%100

Member Point Loads (BLC 81 : Antenna Ev)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	Y	0	7
2	MP3A	My	0	7
3	MP3A	Mz	0	7
4	MP3A	Y	0	7
5	MP3A	My	0	7
6	MP3A	Mz	0	7
7	OVP2	Y	0	1.5
8	OVP2	My	0	1.5
9	OVP2	Mz	0	1.5
10	MP2A	Y	0	3
11	MP2A	My	0	3
12	MP2A	Mz	0	3
13	MP2A	Y	0	5
14	MP2A	My	0	5
15	MP2A	Mz	0	5
16	MP2B	Y	0	3
17	MP2B	My	0	3
18	MP2B	Mz	0	3
19	MP2B	Y	0	5
20	MP2B	My	0	5
21	MP2B	Mz	0	5
22	MP2C	Y	0	3
23	MP2C	My	0	3
24	MP2C	Mz	0	3
25	MP2C	Y	0	5
26	MP2C	My	0	5
27	MP2C	Mz	0	5
28	MP4A	Y	0	3
29	MP4A	My	0	3
30	MP4A	Mz	0	3
31	MP4B	Y	0	3
32	MP4B	My	0	3
33	MP4B	Mz	0	3
34	MP4C	Y	0	3
35	MP4C	My	0	3
36	MP4C	Mz	0	3
37	MP3A	Y	0	3
38	MP3A	My	0	3
39	MP3A	Mz	0	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
40	MP3B	Y	0	3
41	MP3B	My	0	3
42	MP3B	Mz	0	3
43	MP3C	Y	0	3
44	MP3C	My	0	3
45	MP3C	Mz	0	3
46	MP3A	Y	0	2
47	MP3A	My	0	2
48	MP3A	Mz	0	2
49	MP3A	Y	0	6
50	MP3A	My	0	6
51	MP3A	Mz	0	6
52	MP3B	Y	0	2
53	MP3B	My	0	2
54	MP3B	Mz	0	2
55	MP3B	Y	0	6
56	MP3B	My	0	6
57	MP3B	Mz	0	6
58	MP3C	Y	0	2
59	MP3C	My	0	2
60	MP3C	Mz	0	2
61	MP3C	Y	0	6
62	MP3C	My	0	6
63	MP3C	Mz	0	6
64	MP3A	Y	0	2
65	MP3A	My	0	2
66	MP3A	Mz	0	2
67	MP3A	Y	0	6
68	MP3A	My	0	6
69	MP3A	Mz	0	6
70	MP3B	Y	0	2
71	MP3B	My	0	2
72	MP3B	Mz	0	2
73	MP3B	Y	0	6
74	MP3B	My	0	6
75	MP3B	Mz	0	6
76	MP3C	Y	0	2
77	MP3C	My	0	2
78	MP3C	Mz	0	2
79	MP3C	Y	0	6
80	MP3C	My	0	6
81	MP3C	Mz	0	6
82	MP1A	Y	0	3
83	MP1A	My	0	3
84	MP1A	Mz	0	3
85	MP1A	Y	0	5
86	MP1A	My	0	5
87	MP1A	Mz	0	5
88	MP1B	Y	0	3
89	MP1B	My	0	3
90	MP1B	Mz	0	3
91	MP1B	Y	0	5
92	MP1B	My	0	5
93	MP1B	Mz	0	5
94	MP1C	Y	0	3
95	MP1C	My	0	3
96	MP1C	Mz	0	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
97	MP1C	Y	0	5
98	MP1C	My	0	5
99	MP1C	Mz	0	5
100	MP4A	Y	0	3
101	MP4A	My	0	3
102	MP4A	Mz	0	3
103	MP4A	Y	0	5
104	MP4A	My	0	5
105	MP4A	Mz	0	5
106	MP4B	Y	0	3
107	MP4B	My	0	3
108	MP4B	Mz	0	3
109	MP4B	Y	0	5
110	MP4B	My	0	5
111	MP4B	Mz	0	5
112	MP4C	Y	0	3
113	MP4C	My	0	3
114	MP4C	Mz	0	3
115	MP4C	Y	0	5
116	MP4C	My	0	5
117	MP4C	Mz	0	5
118	OVP1	Y	0	1.5
119	OVP1	My	0	1.5
120	OVP1	Mz	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	Z	-.528	7
2	MP3A	Mx	-.000176	7
3	MP3A	Z	-.528	7
4	MP3A	Mx	.000176	7
5	OVP2	Z	-.96	1.5
6	OVP2	Mx	-.000416	1.5
7	MP2A	Z	-1.306	3
8	MP2A	Mx	0	3
9	MP2A	Z	-1.306	5
10	MP2A	Mx	0	5
11	MP2B	Z	-1.306	3
12	MP2B	Mx	.000327	3
13	MP2B	Z	-1.306	5
14	MP2B	Mx	.000327	5
15	MP2C	Z	-1.306	3
16	MP2C	Mx	-.000566	3
17	MP2C	Z	-1.306	5
18	MP2C	Mx	-.000566	5
19	MP4A	Z	-2.241	3
20	MP4A	Mx	0	3
21	MP4B	Z	-2.241	3
22	MP4B	Mx	-.00097	3
23	MP4C	Z	-2.241	3
24	MP4C	Mx	.00097	3
25	MP3A	Z	-2.109	3
26	MP3A	Mx	0	3
27	MP3B	Z	-2.109	3
28	MP3B	Mx	-.000913	3
29	MP3C	Z	-2.109	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
30	MP3C	Mx	.000913	3
31	MP3A	Z	-.6	2
32	MP3A	Mx	-.0003	2
33	MP3A	Z	-.6	6
34	MP3A	Mx	-.0003	6
35	MP3B	Z	-.6	2
36	MP3B	Mx	.00041	2
37	MP3B	Z	-.6	6
38	MP3B	Mx	.00041	6
39	MP3C	Z	-.6	2
40	MP3C	Mx	-.00011	2
41	MP3C	Z	-.6	6
42	MP3C	Mx	-.00011	6
43	MP3A	Z	-.6	2
44	MP3A	Mx	.0003	2
45	MP3A	Z	-.6	6
46	MP3A	Mx	.0003	6
47	MP3B	Z	-.6	2
48	MP3B	Mx	-.00011	2
49	MP3B	Z	-.6	6
50	MP3B	Mx	-.00011	6
51	MP3C	Z	-.6	2
52	MP3C	Mx	-.00041	2
53	MP3C	Z	-.6	6
54	MP3C	Mx	-.00041	6
55	MP1A	Z	-.18	3
56	MP1A	Mx	0	3
57	MP1A	Z	-.18	5
58	MP1A	Mx	0	5
59	MP1B	Z	-.18	3
60	MP1B	Mx	7.8e-5	3
61	MP1B	Z	-.18	5
62	MP1B	Mx	7.8e-5	5
63	MP1C	Z	-.18	3
64	MP1C	Mx	-7.8e-5	3
65	MP1C	Z	-.18	5
66	MP1C	Mx	-7.8e-5	5
67	MP4A	Z	-.18	3
68	MP4A	Mx	0	3
69	MP4A	Z	-.18	5
70	MP4A	Mx	0	5
71	MP4B	Z	-.18	3
72	MP4B	Mx	7.8e-5	3
73	MP4B	Z	-.18	5
74	MP4B	Mx	7.8e-5	5
75	MP4C	Z	-.18	3
76	MP4C	Mx	-7.8e-5	3
77	MP4C	Z	-.18	5
78	MP4C	Mx	-7.8e-5	5
79	OVP1	Z	-.96	1.5
80	OVP1	Mx	8.3e-5	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	.528	7
2	MP3A	Mx	.000264	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
3	MP3A	X	.528	7
4	MP3A	Mx	.000264	7
5	OVP2	X	.96	1.5
6	OVP2	Mx	-.00024	1.5
7	MP2A	X	1.306	3
8	MP2A	Mx	-.000653	3
9	MP2A	X	1.306	5
10	MP2A	Mx	-.000653	5
11	MP2B	X	1.306	3
12	MP2B	Mx	.000566	3
13	MP2B	X	1.306	5
14	MP2B	Mx	.000566	5
15	MP2C	X	1.306	3
16	MP2C	Mx	.000327	3
17	MP2C	X	1.306	5
18	MP2C	Mx	.000327	5
19	MP4A	X	2.241	3
20	MP4A	Mx	.001	3
21	MP4B	X	2.241	3
22	MP4B	Mx	-.00056	3
23	MP4C	X	2.241	3
24	MP4C	Mx	-.00056	3
25	MP3A	X	2.109	3
26	MP3A	Mx	.001	3
27	MP3B	X	2.109	3
28	MP3B	Mx	-.000527	3
29	MP3C	X	2.109	3
30	MP3C	Mx	-.000527	3
31	MP3A	X	.6	2
32	MP3A	Mx	-.0003	2
33	MP3A	X	.6	6
34	MP3A	Mx	-.0003	6
35	MP3B	X	.6	2
36	MP3B	Mx	.00011	2
37	MP3B	X	.6	6
38	MP3B	Mx	.00011	6
39	MP3C	X	.6	2
40	MP3C	Mx	.00041	2
41	MP3C	X	.6	6
42	MP3C	Mx	.00041	6
43	MP3A	X	.6	2
44	MP3A	Mx	-.0003	2
45	MP3A	X	.6	6
46	MP3A	Mx	-.0003	6
47	MP3B	X	.6	2
48	MP3B	Mx	.00041	2
49	MP3B	X	.6	6
50	MP3B	Mx	.00041	6
51	MP3C	X	.6	2
52	MP3C	Mx	-.00011	2
53	MP3C	X	.6	6
54	MP3C	Mx	-.00011	6
55	MP1A	X	.18	3
56	MP1A	Mx	-9e-5	3
57	MP1A	X	.18	5
58	MP1A	Mx	-9e-5	5
59	MP1B	X	.18	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
60	MP1B	Mx	4.5e-5	3
61	MP1B	X	.18	5
62	MP1B	Mx	4.5e-5	5
63	MP1C	X	.18	3
64	MP1C	Mx	4.5e-5	3
65	MP1C	X	.18	5
66	MP1C	Mx	4.5e-5	5
67	MP4A	X	.18	3
68	MP4A	Mx	-9e-5	3
69	MP4A	X	.18	5
70	MP4A	Mx	-9e-5	5
71	MP4B	X	.18	3
72	MP4B	Mx	4.5e-5	3
73	MP4B	X	.18	5
74	MP4B	Mx	4.5e-5	5
75	MP4C	X	.18	3
76	MP4C	Mx	4.5e-5	3
77	MP4C	X	.18	5
78	MP4C	Mx	4.5e-5	5
79	OVP1	X	.96	1.5
80	OVP1	Mx	.000473	1.5

Joint Loads and Enforced Displacements

Joint Label	L,D,M	Direction	Magnitude[(lb,k-ft), (in,rad), (lb*s^2/ft, lb*s^2*ft)]
No Data to Print ...			

Member Distributed Loads (BLC 40 : Structure Di)

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
1	M100	Y	-15.887	-15.887	0	%100
2	M101	Y	-15.887	-15.887	0	%100
3	M102	Y	-15.887	-15.887	0	%100
4	M103	Y	-16.668	-16.668	0	%100
5	M106	Y	-9.824	-9.824	0	%100
6	M107	Y	-9.824	-9.824	0	%100
7	M111	Y	-16.648	-16.648	0	%100
8	M112	Y	-16.648	-16.648	0	%100
9	M114	Y	-16.668	-16.668	0	%100
10	M116	Y	-16.648	-16.648	0	%100
11	M117	Y	-16.648	-16.648	0	%100
12	M119	Y	-16.668	-16.668	0	%100
13	M124	Y	-15.887	-15.887	0	%100
14	M125	Y	-15.887	-15.887	0	%100
15	M126	Y	-15.887	-15.887	0	%100
16	M127	Y	-16.668	-16.668	0	%100
17	M130	Y	-9.824	-9.824	0	%100
18	M131	Y	-9.824	-9.824	0	%100
19	M135	Y	-16.648	-16.648	0	%100
20	M136	Y	-16.648	-16.648	0	%100
21	M138	Y	-16.668	-16.668	0	%100
22	M140	Y	-16.648	-16.648	0	%100
23	M141	Y	-16.648	-16.648	0	%100
24	M143	Y	-16.668	-16.668	0	%100
25	M148	Y	-15.887	-15.887	0	%100
26	M149	Y	-15.887	-15.887	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f...	End Location[ft...
27	M150	Y	-15.887	-15.887	0	%100
28	M151	Y	-16.668	-16.668	0	%100
29	M154	Y	-9.824	-9.824	0	%100
30	M155	Y	-9.824	-9.824	0	%100
31	M159	Y	-16.648	-16.648	0	%100
32	M160	Y	-16.648	-16.648	0	%100
33	M162	Y	-16.668	-16.668	0	%100
34	M164	Y	-16.648	-16.648	0	%100
35	M165	Y	-16.648	-16.648	0	%100
36	M167	Y	-16.668	-16.668	0	%100
37	M172	Y	-11.264	-11.264	0	%100
38	MP1A	Y	-8.852	-8.852	0	%100
39	M82	Y	-8.852	-8.852	0	%100
40	M87	Y	-8.852	-8.852	0	%100
41	M88	Y	-8.852	-8.852	0	%100
42	MP2A	Y	-8.852	-8.852	0	%100
43	MP3A	Y	-9.924	-9.924	0	%100
44	MP4A	Y	-8.852	-8.852	0	%100
45	MP1C	Y	-8.852	-8.852	0	%100
46	MP2C	Y	-8.852	-8.852	0	%100
47	MP3C	Y	-9.924	-9.924	0	%100
48	MP4C	Y	-8.852	-8.852	0	%100
49	MP1B	Y	-8.852	-8.852	0	%100
50	MP2B	Y	-8.852	-8.852	0	%100
51	MP3B	Y	-9.924	-9.924	0	%100
52	MP4B	Y	-8.852	-8.852	0	%100
53	M125A	Y	-11.264	-11.264	0	%100
54	M126A	Y	-11.264	-11.264	0	%100
55	M127A	Y	-11.34	-11.34	0	%100
56	M128A	Y	-11.34	-11.34	0	%100
57	M129A	Y	-11.34	-11.34	0	%100
58	OVP2	Y	-8.852	-8.852	0	%100
59	OVP1	Y	-8.852	-8.852	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f...	End Location[ft...
1	M100	X	0	0	0	%100
2	M100	Z	0	0	0	%100
3	M101	X	0	0	0	%100
4	M101	Z	-10.477	-10.477	0	%100
5	M102	X	0	0	0	%100
6	M102	Z	-10.477	-10.477	0	%100
7	M103	X	0	0	0	%100
8	M103	Z	-20.898	-20.898	0	%100
9	M106	X	0	0	0	%100
10	M106	Z	-2.901	-2.901	0	%100
11	M107	X	0	0	0	%100
12	M107	Z	-2.901	-2.901	0	%100
13	M111	X	0	0	0	%100
14	M111	Z	0	0	0	%100
15	M112	X	0	0	0	%100
16	M112	Z	-5.321	-5.321	0	%100
17	M114	X	0	0	0	%100
18	M114	Z	-5.605	-5.605	0	%100
19	M116	X	0	0	0	%100
20	M116	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f...	End Location[ft...
21	M117	X	0	0	0	%100
22	M117	Z	-5.321	-5.321	0	%100
23	M119	X	0	0	0	%100
24	M119	Z	-5.605	-5.605	0	%100
25	M124	X	0	0	0	%100
26	M124	Z	-9.286	-9.286	0	%100
27	M125	X	0	0	0	%100
28	M125	Z	-2.619	-2.619	0	%100
29	M126	X	0	0	0	%100
30	M126	Z	-2.619	-2.619	0	%100
31	M127	X	0	0	0	%100
32	M127	Z	-5.224	-5.224	0	%100
33	M130	X	0	0	0	%100
34	M130	Z	-2.901	-2.901	0	%100
35	M131	X	0	0	0	%100
36	M131	Z	-11.604	-11.604	0	%100
37	M135	X	0	0	0	%100
38	M135	Z	-15.673	-15.673	0	%100
39	M136	X	0	0	0	%100
40	M136	Z	-5.321	-5.321	0	%100
41	M138	X	0	0	0	%100
42	M138	Z	-5.605	-5.605	0	%100
43	M140	X	0	0	0	%100
44	M140	Z	-15.673	-15.673	0	%100
45	M141	X	0	0	0	%100
46	M141	Z	-21.285	-21.285	0	%100
47	M143	X	0	0	0	%100
48	M143	Z	-22.419	-22.419	0	%100
49	M148	X	0	0	0	%100
50	M148	Z	-9.286	-9.286	0	%100
51	M149	X	0	0	0	%100
52	M149	Z	-2.619	-2.619	0	%100
53	M150	X	0	0	0	%100
54	M150	Z	-2.619	-2.619	0	%100
55	M151	X	0	0	0	%100
56	M151	Z	-5.224	-5.224	0	%100
57	M154	X	0	0	0	%100
58	M154	Z	-11.604	-11.604	0	%100
59	M155	X	0	0	0	%100
60	M155	Z	-2.901	-2.901	0	%100
61	M159	X	0	0	0	%100
62	M159	Z	-15.673	-15.673	0	%100
63	M160	X	0	0	0	%100
64	M160	Z	-21.285	-21.285	0	%100
65	M162	X	0	0	0	%100
66	M162	Z	-22.419	-22.419	0	%100
67	M164	X	0	0	0	%100
68	M164	Z	-15.673	-15.673	0	%100
69	M165	X	0	0	0	%100
70	M165	Z	-5.321	-5.321	0	%100
71	M167	X	0	0	0	%100
72	M167	Z	-5.605	-5.605	0	%100
73	M172	X	0	0	0	%100
74	M172	Z	-12.19	-12.19	0	%100
75	MP1A	X	0	0	0	%100
76	MP1A	Z	-8.272	-8.272	0	%100
77	M82	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
78	M82	Z	-8.272	-8.272	0	%100
79	M87	X	0	0	0	%100
80	M87	Z	-2.068	-2.068	0	%100
81	M88	X	0	0	0	%100
82	M88	Z	-2.068	-2.068	0	%100
83	MP2A	X	0	0	0	%100
84	MP2A	Z	-8.272	-8.272	0	%100
85	MP3A	X	0	0	0	%100
86	MP3A	Z	-10.013	-10.013	0	%100
87	MP4A	X	0	0	0	%100
88	MP4A	Z	-8.272	-8.272	0	%100
89	MP1C	X	0	0	0	%100
90	MP1C	Z	-8.272	-8.272	0	%100
91	MP2C	X	0	0	0	%100
92	MP2C	Z	-8.272	-8.272	0	%100
93	MP3C	X	0	0	0	%100
94	MP3C	Z	-10.013	-10.013	0	%100
95	MP4C	X	0	0	0	%100
96	MP4C	Z	-8.272	-8.272	0	%100
97	MP1B	X	0	0	0	%100
98	MP1B	Z	-8.272	-8.272	0	%100
99	MP2B	X	0	0	0	%100
100	MP2B	Z	-8.272	-8.272	0	%100
101	MP3B	X	0	0	0	%100
102	MP3B	Z	-10.013	-10.013	0	%100
103	MP4B	X	0	0	0	%100
104	MP4B	Z	-8.272	-8.272	0	%100
105	M125A	X	0	0	0	%100
106	M125A	Z	-3.048	-3.048	0	%100
107	M126A	X	0	0	0	%100
108	M126A	Z	-3.048	-3.048	0	%100
109	M127A	X	0	0	0	%100
110	M127A	Z	-9.906	-9.906	0	%100
111	M128A	X	0	0	0	%100
112	M128A	Z	-2.476	-2.476	0	%100
113	M129A	X	0	0	0	%100
114	M129A	Z	-2.476	-2.476	0	%100
115	OVP2	X	0	0	0	%100
116	OVP2	Z	-6.764	-6.764	0	%100
117	OVP1	X	0	0	0	%100
118	OVP1	Z	-6.764	-6.764	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
1	M100	X	1.548	1.548	0	%100
2	M100	Z	-2.681	-2.681	0	%100
3	M101	X	3.929	3.929	0	%100
4	M101	Z	-6.805	-6.805	0	%100
5	M102	X	3.929	3.929	0	%100
6	M102	Z	-6.805	-6.805	0	%100
7	M103	X	7.837	7.837	0	%100
8	M103	Z	-13.573	-13.573	0	%100
9	M106	X	4.352	4.352	0	%100
10	M106	Z	-7.537	-7.537	0	%100
11	M107	X	0	0	0	%100
12	M107	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f...	End Location[ft...
13	M111	X	2.612	2.612	0	%100
14	M111	Z	-4.524	-4.524	0	%100
15	M112	X	7.982	7.982	0	%100
16	M112	Z	-13.825	-13.825	0	%100
17	M114	X	8.407	8.407	0	%100
18	M114	Z	-14.561	-14.561	0	%100
19	M116	X	2.612	2.612	0	%100
20	M116	Z	-4.524	-4.524	0	%100
21	M117	X	0	0	0	%100
22	M117	Z	0	0	0	%100
23	M119	X	0	0	0	%100
24	M119	Z	0	0	0	%100
25	M124	X	1.548	1.548	0	%100
26	M124	Z	-2.681	-2.681	0	%100
27	M125	X	3.929	3.929	0	%100
28	M125	Z	-6.805	-6.805	0	%100
29	M126	X	3.929	3.929	0	%100
30	M126	Z	-6.805	-6.805	0	%100
31	M127	X	7.837	7.837	0	%100
32	M127	Z	-13.573	-13.573	0	%100
33	M130	X	0	0	0	%100
34	M130	Z	0	0	0	%100
35	M131	X	4.352	4.352	0	%100
36	M131	Z	-7.537	-7.537	0	%100
37	M135	X	2.612	2.612	0	%100
38	M135	Z	-4.524	-4.524	0	%100
39	M136	X	0	0	0	%100
40	M136	Z	0	0	0	%100
41	M138	X	0	0	0	%100
42	M138	Z	0	0	0	%100
43	M140	X	2.612	2.612	0	%100
44	M140	Z	-4.524	-4.524	0	%100
45	M141	X	7.982	7.982	0	%100
46	M141	Z	-13.825	-13.825	0	%100
47	M143	X	8.407	8.407	0	%100
48	M143	Z	-14.561	-14.561	0	%100
49	M148	X	6.191	6.191	0	%100
50	M148	Z	-10.723	-10.723	0	%100
51	M149	X	0	0	0	%100
52	M149	Z	0	0	0	%100
53	M150	X	0	0	0	%100
54	M150	Z	0	0	0	%100
55	M151	X	0	0	0	%100
56	M151	Z	0	0	0	%100
57	M154	X	4.352	4.352	0	%100
58	M154	Z	-7.537	-7.537	0	%100
59	M155	X	4.352	4.352	0	%100
60	M155	Z	-7.537	-7.537	0	%100
61	M159	X	10.449	10.449	0	%100
62	M159	Z	-18.098	-18.098	0	%100
63	M160	X	7.982	7.982	0	%100
64	M160	Z	-13.825	-13.825	0	%100
65	M162	X	8.407	8.407	0	%100
66	M162	Z	-14.561	-14.561	0	%100
67	M164	X	10.449	10.449	0	%100
68	M164	Z	-18.098	-18.098	0	%100
69	M165	X	7.982	7.982	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
70	M165	Z	-13.825	-13.825	0	%100
71	M167	X	8.407	8.407	0	%100
72	M167	Z	-14.561	-14.561	0	%100
73	M172	X	4.571	4.571	0	%100
74	M172	Z	-7.918	-7.918	0	%100
75	MP1A	X	4.136	4.136	0	%100
76	MP1A	Z	-7.164	-7.164	0	%100
77	M82	X	3.102	3.102	0	%100
78	M82	Z	-5.373	-5.373	0	%100
79	M87	X	3.102	3.102	0	%100
80	M87	Z	-5.373	-5.373	0	%100
81	M88	X	0	0	0	%100
82	M88	Z	0	0	0	%100
83	MP2A	X	4.136	4.136	0	%100
84	MP2A	Z	-7.164	-7.164	0	%100
85	MP3A	X	5.007	5.007	0	%100
86	MP3A	Z	-8.672	-8.672	0	%100
87	MP4A	X	4.136	4.136	0	%100
88	MP4A	Z	-7.164	-7.164	0	%100
89	MP1C	X	4.136	4.136	0	%100
90	MP1C	Z	-7.164	-7.164	0	%100
91	MP2C	X	4.136	4.136	0	%100
92	MP2C	Z	-7.164	-7.164	0	%100
93	MP3C	X	5.007	5.007	0	%100
94	MP3C	Z	-8.672	-8.672	0	%100
95	MP4C	X	4.136	4.136	0	%100
96	MP4C	Z	-7.164	-7.164	0	%100
97	MP1B	X	4.136	4.136	0	%100
98	MP1B	Z	-7.164	-7.164	0	%100
99	MP2B	X	4.136	4.136	0	%100
100	MP2B	Z	-7.164	-7.164	0	%100
101	MP3B	X	5.007	5.007	0	%100
102	MP3B	Z	-8.672	-8.672	0	%100
103	MP4B	X	4.136	4.136	0	%100
104	MP4B	Z	-7.164	-7.164	0	%100
105	M125A	X	4.571	4.571	0	%100
106	M125A	Z	-7.918	-7.918	0	%100
107	M126A	X	0	0	0	%100
108	M126A	Z	0	0	0	%100
109	M127A	X	3.715	3.715	0	%100
110	M127A	Z	-6.434	-6.434	0	%100
111	M128A	X	3.715	3.715	0	%100
112	M128A	Z	-6.434	-6.434	0	%100
113	M129A	X	0	0	0	%100
114	M129A	Z	0	0	0	%100
115	OVP2	X	3.382	3.382	0	%100
116	OVP2	Z	-5.858	-5.858	0	%100
117	OVP1	X	3.382	3.382	0	%100
118	OVP1	Z	-5.858	-5.858	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
1	M100	X	8.042	8.042	0	%100
2	M100	Z	-4.643	-4.643	0	%100
3	M101	X	2.268	2.268	0	%100
4	M101	Z	-1.31	-1.31	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f...	End Location[ft...
5	M102	X	2.268	2.268	0	%100
6	M102	Z	-1.31	-1.31	0	%100
7	M103	X	4.524	4.524	0	%100
8	M103	Z	-2.612	-2.612	0	%100
9	M106	X	10.049	10.049	0	%100
10	M106	Z	-5.802	-5.802	0	%100
11	M107	X	2.512	2.512	0	%100
12	M107	Z	-1.451	-1.451	0	%100
13	M111	X	13.573	13.573	0	%100
14	M111	Z	-7.837	-7.837	0	%100
15	M112	X	18.433	18.433	0	%100
16	M112	Z	-10.642	-10.642	0	%100
17	M114	X	19.415	19.415	0	%100
18	M114	Z	-11.209	-11.209	0	%100
19	M116	X	13.573	13.573	0	%100
20	M116	Z	-7.837	-7.837	0	%100
21	M117	X	4.608	4.608	0	%100
22	M117	Z	-2.661	-2.661	0	%100
23	M119	X	4.854	4.854	0	%100
24	M119	Z	-2.802	-2.802	0	%100
25	M124	X	0	0	0	%100
26	M124	Z	0	0	0	%100
27	M125	X	9.073	9.073	0	%100
28	M125	Z	-5.239	-5.239	0	%100
29	M126	X	9.073	9.073	0	%100
30	M126	Z	-5.239	-5.239	0	%100
31	M127	X	18.098	18.098	0	%100
32	M127	Z	-10.449	-10.449	0	%100
33	M130	X	2.512	2.512	0	%100
34	M130	Z	-1.451	-1.451	0	%100
35	M131	X	2.512	2.512	0	%100
36	M131	Z	-1.451	-1.451	0	%100
37	M135	X	0	0	0	%100
38	M135	Z	0	0	0	%100
39	M136	X	4.608	4.608	0	%100
40	M136	Z	-2.661	-2.661	0	%100
41	M138	X	4.854	4.854	0	%100
42	M138	Z	-2.802	-2.802	0	%100
43	M140	X	0	0	0	%100
44	M140	Z	0	0	0	%100
45	M141	X	4.608	4.608	0	%100
46	M141	Z	-2.661	-2.661	0	%100
47	M143	X	4.854	4.854	0	%100
48	M143	Z	-2.802	-2.802	0	%100
49	M148	X	8.042	8.042	0	%100
50	M148	Z	-4.643	-4.643	0	%100
51	M149	X	2.268	2.268	0	%100
52	M149	Z	-1.31	-1.31	0	%100
53	M150	X	2.268	2.268	0	%100
54	M150	Z	-1.31	-1.31	0	%100
55	M151	X	4.524	4.524	0	%100
56	M151	Z	-2.612	-2.612	0	%100
57	M154	X	2.512	2.512	0	%100
58	M154	Z	-1.451	-1.451	0	%100
59	M155	X	10.049	10.049	0	%100
60	M155	Z	-5.802	-5.802	0	%100
61	M159	X	13.573	13.573	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
62	M159	Z	-7.837	-7.837	0	%100
63	M160	X	4.608	4.608	0	%100
64	M160	Z	-2.661	-2.661	0	%100
65	M162	X	4.854	4.854	0	%100
66	M162	Z	-2.802	-2.802	0	%100
67	M164	X	13.573	13.573	0	%100
68	M164	Z	-7.837	-7.837	0	%100
69	M165	X	18.433	18.433	0	%100
70	M165	Z	-10.642	-10.642	0	%100
71	M167	X	19.415	19.415	0	%100
72	M167	Z	-11.209	-11.209	0	%100
73	M172	X	2.639	2.639	0	%100
74	M172	Z	-1.524	-1.524	0	%100
75	MP1A	X	7.164	7.164	0	%100
76	MP1A	Z	-4.136	-4.136	0	%100
77	M82	X	1.791	1.791	0	%100
78	M82	Z	-1.034	-1.034	0	%100
79	M87	X	7.164	7.164	0	%100
80	M87	Z	-4.136	-4.136	0	%100
81	M88	X	1.791	1.791	0	%100
82	M88	Z	-1.034	-1.034	0	%100
83	MP2A	X	7.164	7.164	0	%100
84	MP2A	Z	-4.136	-4.136	0	%100
85	MP3A	X	8.672	8.672	0	%100
86	MP3A	Z	-5.007	-5.007	0	%100
87	MP4A	X	7.164	7.164	0	%100
88	MP4A	Z	-4.136	-4.136	0	%100
89	MP1C	X	7.164	7.164	0	%100
90	MP1C	Z	-4.136	-4.136	0	%100
91	MP2C	X	7.164	7.164	0	%100
92	MP2C	Z	-4.136	-4.136	0	%100
93	MP3C	X	8.672	8.672	0	%100
94	MP3C	Z	-5.007	-5.007	0	%100
95	MP4C	X	7.164	7.164	0	%100
96	MP4C	Z	-4.136	-4.136	0	%100
97	MP1B	X	7.164	7.164	0	%100
98	MP1B	Z	-4.136	-4.136	0	%100
99	MP2B	X	7.164	7.164	0	%100
100	MP2B	Z	-4.136	-4.136	0	%100
101	MP3B	X	8.672	8.672	0	%100
102	MP3B	Z	-5.007	-5.007	0	%100
103	MP4B	X	7.164	7.164	0	%100
104	MP4B	Z	-4.136	-4.136	0	%100
105	M125A	X	10.557	10.557	0	%100
106	M125A	Z	-6.095	-6.095	0	%100
107	M126A	X	2.639	2.639	0	%100
108	M126A	Z	-1.524	-1.524	0	%100
109	M127A	X	2.145	2.145	0	%100
110	M127A	Z	-1.238	-1.238	0	%100
111	M128A	X	8.579	8.579	0	%100
112	M128A	Z	-4.953	-4.953	0	%100
113	M129A	X	2.145	2.145	0	%100
114	M129A	Z	-1.238	-1.238	0	%100
115	OVP2	X	5.858	5.858	0	%100
116	OVP2	Z	-3.382	-3.382	0	%100
117	OVP1	X	5.858	5.858	0	%100
118	OVP1	Z	-3.382	-3.382	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f...	End Location[ft...
1	M100	X	12.382	12.382	0	%100
2	M100	Z	0	0	0	%100
3	M101	X	0	0	0	%100
4	M101	Z	0	0	0	%100
5	M102	X	0	0	0	%100
6	M102	Z	0	0	0	%100
7	M103	X	0	0	0	%100
8	M103	Z	0	0	0	%100
9	M106	X	8.703	8.703	0	%100
10	M106	Z	0	0	0	%100
11	M107	X	8.703	8.703	0	%100
12	M107	Z	0	0	0	%100
13	M111	X	20.898	20.898	0	%100
14	M111	Z	0	0	0	%100
15	M112	X	15.963	15.963	0	%100
16	M112	Z	0	0	0	%100
17	M114	X	16.814	16.814	0	%100
18	M114	Z	0	0	0	%100
19	M116	X	20.898	20.898	0	%100
20	M116	Z	0	0	0	%100
21	M117	X	15.963	15.963	0	%100
22	M117	Z	0	0	0	%100
23	M119	X	16.814	16.814	0	%100
24	M119	Z	0	0	0	%100
25	M124	X	3.095	3.095	0	%100
26	M124	Z	0	0	0	%100
27	M125	X	7.858	7.858	0	%100
28	M125	Z	0	0	0	%100
29	M126	X	7.858	7.858	0	%100
30	M126	Z	0	0	0	%100
31	M127	X	15.673	15.673	0	%100
32	M127	Z	0	0	0	%100
33	M130	X	8.703	8.703	0	%100
34	M130	Z	0	0	0	%100
35	M131	X	0	0	0	%100
36	M131	Z	0	0	0	%100
37	M135	X	5.224	5.224	0	%100
38	M135	Z	0	0	0	%100
39	M136	X	15.963	15.963	0	%100
40	M136	Z	0	0	0	%100
41	M138	X	16.814	16.814	0	%100
42	M138	Z	0	0	0	%100
43	M140	X	5.224	5.224	0	%100
44	M140	Z	0	0	0	%100
45	M141	X	0	0	0	%100
46	M141	Z	0	0	0	%100
47	M143	X	0	0	0	%100
48	M143	Z	0	0	0	%100
49	M148	X	3.095	3.095	0	%100
50	M148	Z	0	0	0	%100
51	M149	X	7.858	7.858	0	%100
52	M149	Z	0	0	0	%100
53	M150	X	7.858	7.858	0	%100
54	M150	Z	0	0	0	%100
55	M151	X	15.673	15.673	0	%100
56	M151	Z	0	0	0	%100
57	M154	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
58	M154	Z	0	0	0	%100
59	M155	X	8.703	8.703	0	%100
60	M155	Z	0	0	0	%100
61	M159	X	5.224	5.224	0	%100
62	M159	Z	0	0	0	%100
63	M160	X	0	0	0	%100
64	M160	Z	0	0	0	%100
65	M162	X	0	0	0	%100
66	M162	Z	0	0	0	%100
67	M164	X	5.224	5.224	0	%100
68	M164	Z	0	0	0	%100
69	M165	X	15.963	15.963	0	%100
70	M165	Z	0	0	0	%100
71	M167	X	16.814	16.814	0	%100
72	M167	Z	0	0	0	%100
73	M172	X	0	0	0	%100
74	M172	Z	0	0	0	%100
75	MP1A	X	8.272	8.272	0	%100
76	MP1A	Z	0	0	0	%100
77	M82	X	0	0	0	%100
78	M82	Z	0	0	0	%100
79	M87	X	6.204	6.204	0	%100
80	M87	Z	0	0	0	%100
81	M88	X	6.204	6.204	0	%100
82	M88	Z	0	0	0	%100
83	MP2A	X	8.272	8.272	0	%100
84	MP2A	Z	0	0	0	%100
85	MP3A	X	10.013	10.013	0	%100
86	MP3A	Z	0	0	0	%100
87	MP4A	X	8.272	8.272	0	%100
88	MP4A	Z	0	0	0	%100
89	MP1C	X	8.272	8.272	0	%100
90	MP1C	Z	0	0	0	%100
91	MP2C	X	8.272	8.272	0	%100
92	MP2C	Z	0	0	0	%100
93	MP3C	X	10.013	10.013	0	%100
94	MP3C	Z	0	0	0	%100
95	MP4C	X	8.272	8.272	0	%100
96	MP4C	Z	0	0	0	%100
97	MP1B	X	8.272	8.272	0	%100
98	MP1B	Z	0	0	0	%100
99	MP2B	X	8.272	8.272	0	%100
100	MP2B	Z	0	0	0	%100
101	MP3B	X	10.013	10.013	0	%100
102	MP3B	Z	0	0	0	%100
103	MP4B	X	8.272	8.272	0	%100
104	MP4B	Z	0	0	0	%100
105	M125A	X	9.143	9.143	0	%100
106	M125A	Z	0	0	0	%100
107	M126A	X	9.143	9.143	0	%100
108	M126A	Z	0	0	0	%100
109	M127A	X	0	0	0	%100
110	M127A	Z	0	0	0	%100
111	M128A	X	7.429	7.429	0	%100
112	M128A	Z	0	0	0	%100
113	M129A	X	7.429	7.429	0	%100
114	M129A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
115	OVP2	X	6.764	6.764	0	%100
116	OVP2	Z	0	0	0	%100
117	OVP1	X	6.764	6.764	0	%100
118	OVP1	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
1	M100	X	8.042	8.042	0	%100
2	M100	Z	4.643	4.643	0	%100
3	M101	X	2.268	2.268	0	%100
4	M101	Z	1.31	1.31	0	%100
5	M102	X	2.268	2.268	0	%100
6	M102	Z	1.31	1.31	0	%100
7	M103	X	4.524	4.524	0	%100
8	M103	Z	2.612	2.612	0	%100
9	M106	X	2.512	2.512	0	%100
10	M106	Z	1.451	1.451	0	%100
11	M107	X	10.049	10.049	0	%100
12	M107	Z	5.802	5.802	0	%100
13	M111	X	13.573	13.573	0	%100
14	M111	Z	7.837	7.837	0	%100
15	M112	X	4.608	4.608	0	%100
16	M112	Z	2.661	2.661	0	%100
17	M114	X	4.854	4.854	0	%100
18	M114	Z	2.802	2.802	0	%100
19	M116	X	13.573	13.573	0	%100
20	M116	Z	7.837	7.837	0	%100
21	M117	X	18.433	18.433	0	%100
22	M117	Z	10.642	10.642	0	%100
23	M119	X	19.415	19.415	0	%100
24	M119	Z	11.209	11.209	0	%100
25	M124	X	8.042	8.042	0	%100
26	M124	Z	4.643	4.643	0	%100
27	M125	X	2.268	2.268	0	%100
28	M125	Z	1.31	1.31	0	%100
29	M126	X	2.268	2.268	0	%100
30	M126	Z	1.31	1.31	0	%100
31	M127	X	4.524	4.524	0	%100
32	M127	Z	2.612	2.612	0	%100
33	M130	X	10.049	10.049	0	%100
34	M130	Z	5.802	5.802	0	%100
35	M131	X	2.512	2.512	0	%100
36	M131	Z	1.451	1.451	0	%100
37	M135	X	13.573	13.573	0	%100
38	M135	Z	7.837	7.837	0	%100
39	M136	X	18.433	18.433	0	%100
40	M136	Z	10.642	10.642	0	%100
41	M138	X	19.415	19.415	0	%100
42	M138	Z	11.209	11.209	0	%100
43	M140	X	13.573	13.573	0	%100
44	M140	Z	7.837	7.837	0	%100
45	M141	X	4.608	4.608	0	%100
46	M141	Z	2.661	2.661	0	%100
47	M143	X	4.854	4.854	0	%100
48	M143	Z	2.802	2.802	0	%100
49	M148	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
50	M148	Z	0	0	0	%100
51	M149	X	9.073	9.073	0	%100
52	M149	Z	5.239	5.239	0	%100
53	M150	X	9.073	9.073	0	%100
54	M150	Z	5.239	5.239	0	%100
55	M151	X	18.098	18.098	0	%100
56	M151	Z	10.449	10.449	0	%100
57	M154	X	2.512	2.512	0	%100
58	M154	Z	1.451	1.451	0	%100
59	M155	X	2.512	2.512	0	%100
60	M155	Z	1.451	1.451	0	%100
61	M159	X	0	0	0	%100
62	M159	Z	0	0	0	%100
63	M160	X	4.608	4.608	0	%100
64	M160	Z	2.661	2.661	0	%100
65	M162	X	4.854	4.854	0	%100
66	M162	Z	2.802	2.802	0	%100
67	M164	X	0	0	0	%100
68	M164	Z	0	0	0	%100
69	M165	X	4.608	4.608	0	%100
70	M165	Z	2.661	2.661	0	%100
71	M167	X	4.854	4.854	0	%100
72	M167	Z	2.802	2.802	0	%100
73	M172	X	2.639	2.639	0	%100
74	M172	Z	1.524	1.524	0	%100
75	MP1A	X	7.164	7.164	0	%100
76	MP1A	Z	4.136	4.136	0	%100
77	M82	X	1.791	1.791	0	%100
78	M82	Z	1.034	1.034	0	%100
79	M87	X	1.791	1.791	0	%100
80	M87	Z	1.034	1.034	0	%100
81	M88	X	7.164	7.164	0	%100
82	M88	Z	4.136	4.136	0	%100
83	MP2A	X	7.164	7.164	0	%100
84	MP2A	Z	4.136	4.136	0	%100
85	MP3A	X	8.672	8.672	0	%100
86	MP3A	Z	5.007	5.007	0	%100
87	MP4A	X	7.164	7.164	0	%100
88	MP4A	Z	4.136	4.136	0	%100
89	MP1C	X	7.164	7.164	0	%100
90	MP1C	Z	4.136	4.136	0	%100
91	MP2C	X	7.164	7.164	0	%100
92	MP2C	Z	4.136	4.136	0	%100
93	MP3C	X	8.672	8.672	0	%100
94	MP3C	Z	5.007	5.007	0	%100
95	MP4C	X	7.164	7.164	0	%100
96	MP4C	Z	4.136	4.136	0	%100
97	MP1B	X	7.164	7.164	0	%100
98	MP1B	Z	4.136	4.136	0	%100
99	MP2B	X	7.164	7.164	0	%100
100	MP2B	Z	4.136	4.136	0	%100
101	MP3B	X	8.672	8.672	0	%100
102	MP3B	Z	5.007	5.007	0	%100
103	MP4B	X	7.164	7.164	0	%100
104	MP4B	Z	4.136	4.136	0	%100
105	M125A	X	2.639	2.639	0	%100
106	M125A	Z	1.524	1.524	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f...	End Location[ft...
107	M126A	X	10.557	10.557	0	%100
108	M126A	Z	6.095	6.095	0	%100
109	M127A	X	2.145	2.145	0	%100
110	M127A	Z	1.238	1.238	0	%100
111	M128A	X	2.145	2.145	0	%100
112	M128A	Z	1.238	1.238	0	%100
113	M129A	X	8.579	8.579	0	%100
114	M129A	Z	4.953	4.953	0	%100
115	OVP2	X	5.858	5.858	0	%100
116	OVP2	Z	3.382	3.382	0	%100
117	OVP1	X	5.858	5.858	0	%100
118	OVP1	Z	3.382	3.382	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f...	End Location[ft...
1	M100	X	1.548	1.548	0	%100
2	M100	Z	2.681	2.681	0	%100
3	M101	X	3.929	3.929	0	%100
4	M101	Z	6.805	6.805	0	%100
5	M102	X	3.929	3.929	0	%100
6	M102	Z	6.805	6.805	0	%100
7	M103	X	7.837	7.837	0	%100
8	M103	Z	13.573	13.573	0	%100
9	M106	X	0	0	0	%100
10	M106	Z	0	0	0	%100
11	M107	X	4.352	4.352	0	%100
12	M107	Z	7.537	7.537	0	%100
13	M111	X	2.612	2.612	0	%100
14	M111	Z	4.524	4.524	0	%100
15	M112	X	0	0	0	%100
16	M112	Z	0	0	0	%100
17	M114	X	0	0	0	%100
18	M114	Z	0	0	0	%100
19	M116	X	2.612	2.612	0	%100
20	M116	Z	4.524	4.524	0	%100
21	M117	X	7.982	7.982	0	%100
22	M117	Z	13.825	13.825	0	%100
23	M119	X	8.407	8.407	0	%100
24	M119	Z	14.561	14.561	0	%100
25	M124	X	6.191	6.191	0	%100
26	M124	Z	10.723	10.723	0	%100
27	M125	X	0	0	0	%100
28	M125	Z	0	0	0	%100
29	M126	X	0	0	0	%100
30	M126	Z	0	0	0	%100
31	M127	X	0	0	0	%100
32	M127	Z	0	0	0	%100
33	M130	X	4.352	4.352	0	%100
34	M130	Z	7.537	7.537	0	%100
35	M131	X	4.352	4.352	0	%100
36	M131	Z	7.537	7.537	0	%100
37	M135	X	10.449	10.449	0	%100
38	M135	Z	18.098	18.098	0	%100
39	M136	X	7.982	7.982	0	%100
40	M136	Z	13.825	13.825	0	%100
41	M138	X	8.407	8.407	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
42	M138	Z	14.561	14.561	0	%100
43	M140	X	10.449	10.449	0	%100
44	M140	Z	18.098	18.098	0	%100
45	M141	X	7.982	7.982	0	%100
46	M141	Z	13.825	13.825	0	%100
47	M143	X	8.407	8.407	0	%100
48	M143	Z	14.561	14.561	0	%100
49	M148	X	1.548	1.548	0	%100
50	M148	Z	2.681	2.681	0	%100
51	M149	X	3.929	3.929	0	%100
52	M149	Z	6.805	6.805	0	%100
53	M150	X	3.929	3.929	0	%100
54	M150	Z	6.805	6.805	0	%100
55	M151	X	7.837	7.837	0	%100
56	M151	Z	13.573	13.573	0	%100
57	M154	X	4.352	4.352	0	%100
58	M154	Z	7.537	7.537	0	%100
59	M155	X	0	0	0	%100
60	M155	Z	0	0	0	%100
61	M159	X	2.612	2.612	0	%100
62	M159	Z	4.524	4.524	0	%100
63	M160	X	7.982	7.982	0	%100
64	M160	Z	13.825	13.825	0	%100
65	M162	X	8.407	8.407	0	%100
66	M162	Z	14.561	14.561	0	%100
67	M164	X	2.612	2.612	0	%100
68	M164	Z	4.524	4.524	0	%100
69	M165	X	0	0	0	%100
70	M165	Z	0	0	0	%100
71	M167	X	0	0	0	%100
72	M167	Z	0	0	0	%100
73	M172	X	4.571	4.571	0	%100
74	M172	Z	7.918	7.918	0	%100
75	MP1A	X	4.136	4.136	0	%100
76	MP1A	Z	7.164	7.164	0	%100
77	M82	X	3.102	3.102	0	%100
78	M82	Z	5.373	5.373	0	%100
79	M87	X	0	0	0	%100
80	M87	Z	0	0	0	%100
81	M88	X	3.102	3.102	0	%100
82	M88	Z	5.373	5.373	0	%100
83	MP2A	X	4.136	4.136	0	%100
84	MP2A	Z	7.164	7.164	0	%100
85	MP3A	X	5.007	5.007	0	%100
86	MP3A	Z	8.672	8.672	0	%100
87	MP4A	X	4.136	4.136	0	%100
88	MP4A	Z	7.164	7.164	0	%100
89	MP1C	X	4.136	4.136	0	%100
90	MP1C	Z	7.164	7.164	0	%100
91	MP2C	X	4.136	4.136	0	%100
92	MP2C	Z	7.164	7.164	0	%100
93	MP3C	X	5.007	5.007	0	%100
94	MP3C	Z	8.672	8.672	0	%100
95	MP4C	X	4.136	4.136	0	%100
96	MP4C	Z	7.164	7.164	0	%100
97	MP1B	X	4.136	4.136	0	%100
98	MP1B	Z	7.164	7.164	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
99	MP2B	X	4.136	4.136	0	%100
100	MP2B	Z	7.164	7.164	0	%100
101	MP3B	X	5.007	5.007	0	%100
102	MP3B	Z	8.672	8.672	0	%100
103	MP4B	X	4.136	4.136	0	%100
104	MP4B	Z	7.164	7.164	0	%100
105	M125A	X	0	0	0	%100
106	M125A	Z	0	0	0	%100
107	M126A	X	4.571	4.571	0	%100
108	M126A	Z	7.918	7.918	0	%100
109	M127A	X	3.715	3.715	0	%100
110	M127A	Z	6.434	6.434	0	%100
111	M128A	X	0	0	0	%100
112	M128A	Z	0	0	0	%100
113	M129A	X	3.715	3.715	0	%100
114	M129A	Z	6.434	6.434	0	%100
115	OVP2	X	3.382	3.382	0	%100
116	OVP2	Z	5.858	5.858	0	%100
117	OVP1	X	3.382	3.382	0	%100
118	OVP1	Z	5.858	5.858	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
1	M100	X	0	0	0	%100
2	M100	Z	0	0	0	%100
3	M101	X	0	0	0	%100
4	M101	Z	10.477	10.477	0	%100
5	M102	X	0	0	0	%100
6	M102	Z	10.477	10.477	0	%100
7	M103	X	0	0	0	%100
8	M103	Z	20.898	20.898	0	%100
9	M106	X	0	0	0	%100
10	M106	Z	2.901	2.901	0	%100
11	M107	X	0	0	0	%100
12	M107	Z	2.901	2.901	0	%100
13	M111	X	0	0	0	%100
14	M111	Z	0	0	0	%100
15	M112	X	0	0	0	%100
16	M112	Z	5.321	5.321	0	%100
17	M114	X	0	0	0	%100
18	M114	Z	5.605	5.605	0	%100
19	M116	X	0	0	0	%100
20	M116	Z	0	0	0	%100
21	M117	X	0	0	0	%100
22	M117	Z	5.321	5.321	0	%100
23	M119	X	0	0	0	%100
24	M119	Z	5.605	5.605	0	%100
25	M124	X	0	0	0	%100
26	M124	Z	9.286	9.286	0	%100
27	M125	X	0	0	0	%100
28	M125	Z	2.619	2.619	0	%100
29	M126	X	0	0	0	%100
30	M126	Z	2.619	2.619	0	%100
31	M127	X	0	0	0	%100
32	M127	Z	5.224	5.224	0	%100
33	M130	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
34	M130	Z	2.901	2.901	0	%100
35	M131	X	0	0	0	%100
36	M131	Z	11.604	11.604	0	%100
37	M135	X	0	0	0	%100
38	M135	Z	15.673	15.673	0	%100
39	M136	X	0	0	0	%100
40	M136	Z	5.321	5.321	0	%100
41	M138	X	0	0	0	%100
42	M138	Z	5.605	5.605	0	%100
43	M140	X	0	0	0	%100
44	M140	Z	15.673	15.673	0	%100
45	M141	X	0	0	0	%100
46	M141	Z	21.285	21.285	0	%100
47	M143	X	0	0	0	%100
48	M143	Z	22.419	22.419	0	%100
49	M148	X	0	0	0	%100
50	M148	Z	9.286	9.286	0	%100
51	M149	X	0	0	0	%100
52	M149	Z	2.619	2.619	0	%100
53	M150	X	0	0	0	%100
54	M150	Z	2.619	2.619	0	%100
55	M151	X	0	0	0	%100
56	M151	Z	5.224	5.224	0	%100
57	M154	X	0	0	0	%100
58	M154	Z	11.604	11.604	0	%100
59	M155	X	0	0	0	%100
60	M155	Z	2.901	2.901	0	%100
61	M159	X	0	0	0	%100
62	M159	Z	15.673	15.673	0	%100
63	M160	X	0	0	0	%100
64	M160	Z	21.285	21.285	0	%100
65	M162	X	0	0	0	%100
66	M162	Z	22.419	22.419	0	%100
67	M164	X	0	0	0	%100
68	M164	Z	15.673	15.673	0	%100
69	M165	X	0	0	0	%100
70	M165	Z	5.321	5.321	0	%100
71	M167	X	0	0	0	%100
72	M167	Z	5.605	5.605	0	%100
73	M172	X	0	0	0	%100
74	M172	Z	12.19	12.19	0	%100
75	MP1A	X	0	0	0	%100
76	MP1A	Z	8.272	8.272	0	%100
77	M82	X	0	0	0	%100
78	M82	Z	8.272	8.272	0	%100
79	M87	X	0	0	0	%100
80	M87	Z	2.068	2.068	0	%100
81	M88	X	0	0	0	%100
82	M88	Z	2.068	2.068	0	%100
83	MP2A	X	0	0	0	%100
84	MP2A	Z	8.272	8.272	0	%100
85	MP3A	X	0	0	0	%100
86	MP3A	Z	10.013	10.013	0	%100
87	MP4A	X	0	0	0	%100
88	MP4A	Z	8.272	8.272	0	%100
89	MP1C	X	0	0	0	%100
90	MP1C	Z	8.272	8.272	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
91	MP2C	X	0	0	0	%100
92	MP2C	Z	8.272	8.272	0	%100
93	MP3C	X	0	0	0	%100
94	MP3C	Z	10.013	10.013	0	%100
95	MP4C	X	0	0	0	%100
96	MP4C	Z	8.272	8.272	0	%100
97	MP1B	X	0	0	0	%100
98	MP1B	Z	8.272	8.272	0	%100
99	MP2B	X	0	0	0	%100
100	MP2B	Z	8.272	8.272	0	%100
101	MP3B	X	0	0	0	%100
102	MP3B	Z	10.013	10.013	0	%100
103	MP4B	X	0	0	0	%100
104	MP4B	Z	8.272	8.272	0	%100
105	M125A	X	0	0	0	%100
106	M125A	Z	3.048	3.048	0	%100
107	M126A	X	0	0	0	%100
108	M126A	Z	3.048	3.048	0	%100
109	M127A	X	0	0	0	%100
110	M127A	Z	9.906	9.906	0	%100
111	M128A	X	0	0	0	%100
112	M128A	Z	2.476	2.476	0	%100
113	M129A	X	0	0	0	%100
114	M129A	Z	2.476	2.476	0	%100
115	OVP2	X	0	0	0	%100
116	OVP2	Z	6.764	6.764	0	%100
117	OVP1	X	0	0	0	%100
118	OVP1	Z	6.764	6.764	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
1	M100	X	-1.548	-1.548	0	%100
2	M100	Z	2.681	2.681	0	%100
3	M101	X	-3.929	-3.929	0	%100
4	M101	Z	6.805	6.805	0	%100
5	M102	X	-3.929	-3.929	0	%100
6	M102	Z	6.805	6.805	0	%100
7	M103	X	-7.837	-7.837	0	%100
8	M103	Z	13.573	13.573	0	%100
9	M106	X	-4.352	-4.352	0	%100
10	M106	Z	7.537	7.537	0	%100
11	M107	X	0	0	0	%100
12	M107	Z	0	0	0	%100
13	M111	X	-2.612	-2.612	0	%100
14	M111	Z	4.524	4.524	0	%100
15	M112	X	-7.982	-7.982	0	%100
16	M112	Z	13.825	13.825	0	%100
17	M114	X	-8.407	-8.407	0	%100
18	M114	Z	14.561	14.561	0	%100
19	M116	X	-2.612	-2.612	0	%100
20	M116	Z	4.524	4.524	0	%100
21	M117	X	0	0	0	%100
22	M117	Z	0	0	0	%100
23	M119	X	0	0	0	%100
24	M119	Z	0	0	0	%100
25	M124	X	-1.548	-1.548	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
26	M124	Z	2.681	2.681	0	%100
27	M125	X	-3.929	-3.929	0	%100
28	M125	Z	6.805	6.805	0	%100
29	M126	X	-3.929	-3.929	0	%100
30	M126	Z	6.805	6.805	0	%100
31	M127	X	-7.837	-7.837	0	%100
32	M127	Z	13.573	13.573	0	%100
33	M130	X	0	0	0	%100
34	M130	Z	0	0	0	%100
35	M131	X	-4.352	-4.352	0	%100
36	M131	Z	7.537	7.537	0	%100
37	M135	X	-2.612	-2.612	0	%100
38	M135	Z	4.524	4.524	0	%100
39	M136	X	0	0	0	%100
40	M136	Z	0	0	0	%100
41	M138	X	0	0	0	%100
42	M138	Z	0	0	0	%100
43	M140	X	-2.612	-2.612	0	%100
44	M140	Z	4.524	4.524	0	%100
45	M141	X	-7.982	-7.982	0	%100
46	M141	Z	13.825	13.825	0	%100
47	M143	X	-8.407	-8.407	0	%100
48	M143	Z	14.561	14.561	0	%100
49	M148	X	-6.191	-6.191	0	%100
50	M148	Z	10.723	10.723	0	%100
51	M149	X	0	0	0	%100
52	M149	Z	0	0	0	%100
53	M150	X	0	0	0	%100
54	M150	Z	0	0	0	%100
55	M151	X	0	0	0	%100
56	M151	Z	0	0	0	%100
57	M154	X	-4.352	-4.352	0	%100
58	M154	Z	7.537	7.537	0	%100
59	M155	X	-4.352	-4.352	0	%100
60	M155	Z	7.537	7.537	0	%100
61	M159	X	-10.449	-10.449	0	%100
62	M159	Z	18.098	18.098	0	%100
63	M160	X	-7.982	-7.982	0	%100
64	M160	Z	13.825	13.825	0	%100
65	M162	X	-8.407	-8.407	0	%100
66	M162	Z	14.561	14.561	0	%100
67	M164	X	-10.449	-10.449	0	%100
68	M164	Z	18.098	18.098	0	%100
69	M165	X	-7.982	-7.982	0	%100
70	M165	Z	13.825	13.825	0	%100
71	M167	X	-8.407	-8.407	0	%100
72	M167	Z	14.561	14.561	0	%100
73	M172	X	-4.571	-4.571	0	%100
74	M172	Z	7.918	7.918	0	%100
75	MP1A	X	-4.136	-4.136	0	%100
76	MP1A	Z	7.164	7.164	0	%100
77	M82	X	-3.102	-3.102	0	%100
78	M82	Z	5.373	5.373	0	%100
79	M87	X	-3.102	-3.102	0	%100
80	M87	Z	5.373	5.373	0	%100
81	M88	X	0	0	0	%100
82	M88	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
83	MP2A	X	-4.136	-4.136	0	%100
84	MP2A	Z	7.164	7.164	0	%100
85	MP3A	X	-5.007	-5.007	0	%100
86	MP3A	Z	8.672	8.672	0	%100
87	MP4A	X	-4.136	-4.136	0	%100
88	MP4A	Z	7.164	7.164	0	%100
89	MP1C	X	-4.136	-4.136	0	%100
90	MP1C	Z	7.164	7.164	0	%100
91	MP2C	X	-4.136	-4.136	0	%100
92	MP2C	Z	7.164	7.164	0	%100
93	MP3C	X	-5.007	-5.007	0	%100
94	MP3C	Z	8.672	8.672	0	%100
95	MP4C	X	-4.136	-4.136	0	%100
96	MP4C	Z	7.164	7.164	0	%100
97	MP1B	X	-4.136	-4.136	0	%100
98	MP1B	Z	7.164	7.164	0	%100
99	MP2B	X	-4.136	-4.136	0	%100
100	MP2B	Z	7.164	7.164	0	%100
101	MP3B	X	-5.007	-5.007	0	%100
102	MP3B	Z	8.672	8.672	0	%100
103	MP4B	X	-4.136	-4.136	0	%100
104	MP4B	Z	7.164	7.164	0	%100
105	M125A	X	-4.571	-4.571	0	%100
106	M125A	Z	7.918	7.918	0	%100
107	M126A	X	0	0	0	%100
108	M126A	Z	0	0	0	%100
109	M127A	X	-3.715	-3.715	0	%100
110	M127A	Z	6.434	6.434	0	%100
111	M128A	X	-3.715	-3.715	0	%100
112	M128A	Z	6.434	6.434	0	%100
113	M129A	X	0	0	0	%100
114	M129A	Z	0	0	0	%100
115	OVP2	X	-3.382	-3.382	0	%100
116	OVP2	Z	5.858	5.858	0	%100
117	OVP1	X	-3.382	-3.382	0	%100
118	OVP1	Z	5.858	5.858	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
1	M100	X	-8.042	-8.042	0	%100
2	M100	Z	4.643	4.643	0	%100
3	M101	X	-2.268	-2.268	0	%100
4	M101	Z	1.31	1.31	0	%100
5	M102	X	-2.268	-2.268	0	%100
6	M102	Z	1.31	1.31	0	%100
7	M103	X	-4.524	-4.524	0	%100
8	M103	Z	2.612	2.612	0	%100
9	M106	X	-10.049	-10.049	0	%100
10	M106	Z	5.802	5.802	0	%100
11	M107	X	-2.512	-2.512	0	%100
12	M107	Z	1.451	1.451	0	%100
13	M111	X	-13.573	-13.573	0	%100
14	M111	Z	7.837	7.837	0	%100
15	M112	X	-18.433	-18.433	0	%100
16	M112	Z	10.642	10.642	0	%100
17	M114	X	-19.415	-19.415	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
18	M114	Z	11.209	11.209	0	%100
19	M116	X	-13.573	-13.573	0	%100
20	M116	Z	7.837	7.837	0	%100
21	M117	X	-4.608	-4.608	0	%100
22	M117	Z	2.661	2.661	0	%100
23	M119	X	-4.854	-4.854	0	%100
24	M119	Z	2.802	2.802	0	%100
25	M124	X	0	0	0	%100
26	M124	Z	0	0	0	%100
27	M125	X	-9.073	-9.073	0	%100
28	M125	Z	5.239	5.239	0	%100
29	M126	X	-9.073	-9.073	0	%100
30	M126	Z	5.239	5.239	0	%100
31	M127	X	-18.098	-18.098	0	%100
32	M127	Z	10.449	10.449	0	%100
33	M130	X	-2.512	-2.512	0	%100
34	M130	Z	1.451	1.451	0	%100
35	M131	X	-2.512	-2.512	0	%100
36	M131	Z	1.451	1.451	0	%100
37	M135	X	0	0	0	%100
38	M135	Z	0	0	0	%100
39	M136	X	-4.608	-4.608	0	%100
40	M136	Z	2.661	2.661	0	%100
41	M138	X	-4.854	-4.854	0	%100
42	M138	Z	2.802	2.802	0	%100
43	M140	X	0	0	0	%100
44	M140	Z	0	0	0	%100
45	M141	X	-4.608	-4.608	0	%100
46	M141	Z	2.661	2.661	0	%100
47	M143	X	-4.854	-4.854	0	%100
48	M143	Z	2.802	2.802	0	%100
49	M148	X	-8.042	-8.042	0	%100
50	M148	Z	4.643	4.643	0	%100
51	M149	X	-2.268	-2.268	0	%100
52	M149	Z	1.31	1.31	0	%100
53	M150	X	-2.268	-2.268	0	%100
54	M150	Z	1.31	1.31	0	%100
55	M151	X	-4.524	-4.524	0	%100
56	M151	Z	2.612	2.612	0	%100
57	M154	X	-2.512	-2.512	0	%100
58	M154	Z	1.451	1.451	0	%100
59	M155	X	-10.049	-10.049	0	%100
60	M155	Z	5.802	5.802	0	%100
61	M159	X	-13.573	-13.573	0	%100
62	M159	Z	7.837	7.837	0	%100
63	M160	X	-4.608	-4.608	0	%100
64	M160	Z	2.661	2.661	0	%100
65	M162	X	-4.854	-4.854	0	%100
66	M162	Z	2.802	2.802	0	%100
67	M164	X	-13.573	-13.573	0	%100
68	M164	Z	7.837	7.837	0	%100
69	M165	X	-18.433	-18.433	0	%100
70	M165	Z	10.642	10.642	0	%100
71	M167	X	-19.415	-19.415	0	%100
72	M167	Z	11.209	11.209	0	%100
73	M172	X	-2.639	-2.639	0	%100
74	M172	Z	1.524	1.524	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f...	End Location[ft...
75	MP1A	X	-7.164	-7.164	0	%100
76	MP1A	Z	4.136	4.136	0	%100
77	M82	X	-1.791	-1.791	0	%100
78	M82	Z	1.034	1.034	0	%100
79	M87	X	-7.164	-7.164	0	%100
80	M87	Z	4.136	4.136	0	%100
81	M88	X	-1.791	-1.791	0	%100
82	M88	Z	1.034	1.034	0	%100
83	MP2A	X	-7.164	-7.164	0	%100
84	MP2A	Z	4.136	4.136	0	%100
85	MP3A	X	-8.672	-8.672	0	%100
86	MP3A	Z	5.007	5.007	0	%100
87	MP4A	X	-7.164	-7.164	0	%100
88	MP4A	Z	4.136	4.136	0	%100
89	MP1C	X	-7.164	-7.164	0	%100
90	MP1C	Z	4.136	4.136	0	%100
91	MP2C	X	-7.164	-7.164	0	%100
92	MP2C	Z	4.136	4.136	0	%100
93	MP3C	X	-8.672	-8.672	0	%100
94	MP3C	Z	5.007	5.007	0	%100
95	MP4C	X	-7.164	-7.164	0	%100
96	MP4C	Z	4.136	4.136	0	%100
97	MP1B	X	-7.164	-7.164	0	%100
98	MP1B	Z	4.136	4.136	0	%100
99	MP2B	X	-7.164	-7.164	0	%100
100	MP2B	Z	4.136	4.136	0	%100
101	MP3B	X	-8.672	-8.672	0	%100
102	MP3B	Z	5.007	5.007	0	%100
103	MP4B	X	-7.164	-7.164	0	%100
104	MP4B	Z	4.136	4.136	0	%100
105	M125A	X	-10.557	-10.557	0	%100
106	M125A	Z	6.095	6.095	0	%100
107	M126A	X	-2.639	-2.639	0	%100
108	M126A	Z	1.524	1.524	0	%100
109	M127A	X	-2.145	-2.145	0	%100
110	M127A	Z	1.238	1.238	0	%100
111	M128A	X	-8.579	-8.579	0	%100
112	M128A	Z	4.953	4.953	0	%100
113	M129A	X	-2.145	-2.145	0	%100
114	M129A	Z	1.238	1.238	0	%100
115	OVP2	X	-5.858	-5.858	0	%100
116	OVP2	Z	3.382	3.382	0	%100
117	OVP1	X	-5.858	-5.858	0	%100
118	OVP1	Z	3.382	3.382	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f...	End Location[ft...
1	M100	X	-12.382	-12.382	0	%100
2	M100	Z	0	0	0	%100
3	M101	X	0	0	0	%100
4	M101	Z	0	0	0	%100
5	M102	X	0	0	0	%100
6	M102	Z	0	0	0	%100
7	M103	X	0	0	0	%100
8	M103	Z	0	0	0	%100
9	M106	X	-8.703	-8.703	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
10	M106	Z	0	0	0	%100
11	M107	X	-8.703	-8.703	0	%100
12	M107	Z	0	0	0	%100
13	M111	X	-20.898	-20.898	0	%100
14	M111	Z	0	0	0	%100
15	M112	X	-15.963	-15.963	0	%100
16	M112	Z	0	0	0	%100
17	M114	X	-16.814	-16.814	0	%100
18	M114	Z	0	0	0	%100
19	M116	X	-20.898	-20.898	0	%100
20	M116	Z	0	0	0	%100
21	M117	X	-15.963	-15.963	0	%100
22	M117	Z	0	0	0	%100
23	M119	X	-16.814	-16.814	0	%100
24	M119	Z	0	0	0	%100
25	M124	X	-3.095	-3.095	0	%100
26	M124	Z	0	0	0	%100
27	M125	X	-7.858	-7.858	0	%100
28	M125	Z	0	0	0	%100
29	M126	X	-7.858	-7.858	0	%100
30	M126	Z	0	0	0	%100
31	M127	X	-15.673	-15.673	0	%100
32	M127	Z	0	0	0	%100
33	M130	X	-8.703	-8.703	0	%100
34	M130	Z	0	0	0	%100
35	M131	X	0	0	0	%100
36	M131	Z	0	0	0	%100
37	M135	X	-5.224	-5.224	0	%100
38	M135	Z	0	0	0	%100
39	M136	X	-15.963	-15.963	0	%100
40	M136	Z	0	0	0	%100
41	M138	X	-16.814	-16.814	0	%100
42	M138	Z	0	0	0	%100
43	M140	X	-5.224	-5.224	0	%100
44	M140	Z	0	0	0	%100
45	M141	X	0	0	0	%100
46	M141	Z	0	0	0	%100
47	M143	X	0	0	0	%100
48	M143	Z	0	0	0	%100
49	M148	X	-3.095	-3.095	0	%100
50	M148	Z	0	0	0	%100
51	M149	X	-7.858	-7.858	0	%100
52	M149	Z	0	0	0	%100
53	M150	X	-7.858	-7.858	0	%100
54	M150	Z	0	0	0	%100
55	M151	X	-15.673	-15.673	0	%100
56	M151	Z	0	0	0	%100
57	M154	X	0	0	0	%100
58	M154	Z	0	0	0	%100
59	M155	X	-8.703	-8.703	0	%100
60	M155	Z	0	0	0	%100
61	M159	X	-5.224	-5.224	0	%100
62	M159	Z	0	0	0	%100
63	M160	X	0	0	0	%100
64	M160	Z	0	0	0	%100
65	M162	X	0	0	0	%100
66	M162	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f...	End Location[ft...
67	M164	X	-5.224	-5.224	0	%100
68	M164	Z	0	0	0	%100
69	M165	X	-15.963	-15.963	0	%100
70	M165	Z	0	0	0	%100
71	M167	X	-16.814	-16.814	0	%100
72	M167	Z	0	0	0	%100
73	M172	X	0	0	0	%100
74	M172	Z	0	0	0	%100
75	MP1A	X	-8.272	-8.272	0	%100
76	MP1A	Z	0	0	0	%100
77	M82	X	0	0	0	%100
78	M82	Z	0	0	0	%100
79	M87	X	-6.204	-6.204	0	%100
80	M87	Z	0	0	0	%100
81	M88	X	-6.204	-6.204	0	%100
82	M88	Z	0	0	0	%100
83	MP2A	X	-8.272	-8.272	0	%100
84	MP2A	Z	0	0	0	%100
85	MP3A	X	-10.013	-10.013	0	%100
86	MP3A	Z	0	0	0	%100
87	MP4A	X	-8.272	-8.272	0	%100
88	MP4A	Z	0	0	0	%100
89	MP1C	X	-8.272	-8.272	0	%100
90	MP1C	Z	0	0	0	%100
91	MP2C	X	-8.272	-8.272	0	%100
92	MP2C	Z	0	0	0	%100
93	MP3C	X	-10.013	-10.013	0	%100
94	MP3C	Z	0	0	0	%100
95	MP4C	X	-8.272	-8.272	0	%100
96	MP4C	Z	0	0	0	%100
97	MP1B	X	-8.272	-8.272	0	%100
98	MP1B	Z	0	0	0	%100
99	MP2B	X	-8.272	-8.272	0	%100
100	MP2B	Z	0	0	0	%100
101	MP3B	X	-10.013	-10.013	0	%100
102	MP3B	Z	0	0	0	%100
103	MP4B	X	-8.272	-8.272	0	%100
104	MP4B	Z	0	0	0	%100
105	M125A	X	-9.143	-9.143	0	%100
106	M125A	Z	0	0	0	%100
107	M126A	X	-9.143	-9.143	0	%100
108	M126A	Z	0	0	0	%100
109	M127A	X	0	0	0	%100
110	M127A	Z	0	0	0	%100
111	M128A	X	-7.429	-7.429	0	%100
112	M128A	Z	0	0	0	%100
113	M129A	X	-7.429	-7.429	0	%100
114	M129A	Z	0	0	0	%100
115	OVP2	X	-6.764	-6.764	0	%100
116	OVP2	Z	0	0	0	%100
117	OVP1	X	-6.764	-6.764	0	%100
118	OVP1	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f...	End Location[ft...
1	M100	X	-8.042	-8.042	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
2	M100	Z	-4.643	-4.643	0	%100
3	M101	X	-2.268	-2.268	0	%100
4	M101	Z	-1.31	-1.31	0	%100
5	M102	X	-2.268	-2.268	0	%100
6	M102	Z	-1.31	-1.31	0	%100
7	M103	X	-4.524	-4.524	0	%100
8	M103	Z	-2.612	-2.612	0	%100
9	M106	X	-2.512	-2.512	0	%100
10	M106	Z	-1.451	-1.451	0	%100
11	M107	X	-10.049	-10.049	0	%100
12	M107	Z	-5.802	-5.802	0	%100
13	M111	X	-13.573	-13.573	0	%100
14	M111	Z	-7.837	-7.837	0	%100
15	M112	X	-4.608	-4.608	0	%100
16	M112	Z	-2.661	-2.661	0	%100
17	M114	X	-4.854	-4.854	0	%100
18	M114	Z	-2.802	-2.802	0	%100
19	M116	X	-13.573	-13.573	0	%100
20	M116	Z	-7.837	-7.837	0	%100
21	M117	X	-18.433	-18.433	0	%100
22	M117	Z	-10.642	-10.642	0	%100
23	M119	X	-19.415	-19.415	0	%100
24	M119	Z	-11.209	-11.209	0	%100
25	M124	X	-8.042	-8.042	0	%100
26	M124	Z	-4.643	-4.643	0	%100
27	M125	X	-2.268	-2.268	0	%100
28	M125	Z	-1.31	-1.31	0	%100
29	M126	X	-2.268	-2.268	0	%100
30	M126	Z	-1.31	-1.31	0	%100
31	M127	X	-4.524	-4.524	0	%100
32	M127	Z	-2.612	-2.612	0	%100
33	M130	X	-10.049	-10.049	0	%100
34	M130	Z	-5.802	-5.802	0	%100
35	M131	X	-2.512	-2.512	0	%100
36	M131	Z	-1.451	-1.451	0	%100
37	M135	X	-13.573	-13.573	0	%100
38	M135	Z	-7.837	-7.837	0	%100
39	M136	X	-18.433	-18.433	0	%100
40	M136	Z	-10.642	-10.642	0	%100
41	M138	X	-19.415	-19.415	0	%100
42	M138	Z	-11.209	-11.209	0	%100
43	M140	X	-13.573	-13.573	0	%100
44	M140	Z	-7.837	-7.837	0	%100
45	M141	X	-4.608	-4.608	0	%100
46	M141	Z	-2.661	-2.661	0	%100
47	M143	X	-4.854	-4.854	0	%100
48	M143	Z	-2.802	-2.802	0	%100
49	M148	X	0	0	0	%100
50	M148	Z	0	0	0	%100
51	M149	X	-9.073	-9.073	0	%100
52	M149	Z	-5.239	-5.239	0	%100
53	M150	X	-9.073	-9.073	0	%100
54	M150	Z	-5.239	-5.239	0	%100
55	M151	X	-18.098	-18.098	0	%100
56	M151	Z	-10.449	-10.449	0	%100
57	M154	X	-2.512	-2.512	0	%100
58	M154	Z	-1.451	-1.451	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f...	End Location[ft...
59	M155	X	-2.512	-2.512	0	%100
60	M155	Z	-1.451	-1.451	0	%100
61	M159	X	0	0	0	%100
62	M159	Z	0	0	0	%100
63	M160	X	-4.608	-4.608	0	%100
64	M160	Z	-2.661	-2.661	0	%100
65	M162	X	-4.854	-4.854	0	%100
66	M162	Z	-2.802	-2.802	0	%100
67	M164	X	0	0	0	%100
68	M164	Z	0	0	0	%100
69	M165	X	-4.608	-4.608	0	%100
70	M165	Z	-2.661	-2.661	0	%100
71	M167	X	-4.854	-4.854	0	%100
72	M167	Z	-2.802	-2.802	0	%100
73	M172	X	-2.639	-2.639	0	%100
74	M172	Z	-1.524	-1.524	0	%100
75	MP1A	X	-7.164	-7.164	0	%100
76	MP1A	Z	-4.136	-4.136	0	%100
77	M82	X	-1.791	-1.791	0	%100
78	M82	Z	-1.034	-1.034	0	%100
79	M87	X	-1.791	-1.791	0	%100
80	M87	Z	-1.034	-1.034	0	%100
81	M88	X	-7.164	-7.164	0	%100
82	M88	Z	-4.136	-4.136	0	%100
83	MP2A	X	-7.164	-7.164	0	%100
84	MP2A	Z	-4.136	-4.136	0	%100
85	MP3A	X	-8.672	-8.672	0	%100
86	MP3A	Z	-5.007	-5.007	0	%100
87	MP4A	X	-7.164	-7.164	0	%100
88	MP4A	Z	-4.136	-4.136	0	%100
89	MP1C	X	-7.164	-7.164	0	%100
90	MP1C	Z	-4.136	-4.136	0	%100
91	MP2C	X	-7.164	-7.164	0	%100
92	MP2C	Z	-4.136	-4.136	0	%100
93	MP3C	X	-8.672	-8.672	0	%100
94	MP3C	Z	-5.007	-5.007	0	%100
95	MP4C	X	-7.164	-7.164	0	%100
96	MP4C	Z	-4.136	-4.136	0	%100
97	MP1B	X	-7.164	-7.164	0	%100
98	MP1B	Z	-4.136	-4.136	0	%100
99	MP2B	X	-7.164	-7.164	0	%100
100	MP2B	Z	-4.136	-4.136	0	%100
101	MP3B	X	-8.672	-8.672	0	%100
102	MP3B	Z	-5.007	-5.007	0	%100
103	MP4B	X	-7.164	-7.164	0	%100
104	MP4B	Z	-4.136	-4.136	0	%100
105	M125A	X	-2.639	-2.639	0	%100
106	M125A	Z	-1.524	-1.524	0	%100
107	M126A	X	-10.557	-10.557	0	%100
108	M126A	Z	-6.095	-6.095	0	%100
109	M127A	X	-2.145	-2.145	0	%100
110	M127A	Z	-1.238	-1.238	0	%100
111	M128A	X	-2.145	-2.145	0	%100
112	M128A	Z	-1.238	-1.238	0	%100
113	M129A	X	-8.579	-8.579	0	%100
114	M129A	Z	-4.953	-4.953	0	%100
115	OVP2	X	-5.858	-5.858	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
116	OVP2	Z	-3.382	-3.382	0	%100
117	OVP1	X	-5.858	-5.858	0	%100
118	OVP1	Z	-3.382	-3.382	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
1	M100	X	-1.548	-1.548	0	%100
2	M100	Z	-2.681	-2.681	0	%100
3	M101	X	-3.929	-3.929	0	%100
4	M101	Z	-6.805	-6.805	0	%100
5	M102	X	-3.929	-3.929	0	%100
6	M102	Z	-6.805	-6.805	0	%100
7	M103	X	-7.837	-7.837	0	%100
8	M103	Z	-13.573	-13.573	0	%100
9	M106	X	0	0	0	%100
10	M106	Z	0	0	0	%100
11	M107	X	-4.352	-4.352	0	%100
12	M107	Z	-7.537	-7.537	0	%100
13	M111	X	-2.612	-2.612	0	%100
14	M111	Z	-4.524	-4.524	0	%100
15	M112	X	0	0	0	%100
16	M112	Z	0	0	0	%100
17	M114	X	0	0	0	%100
18	M114	Z	0	0	0	%100
19	M116	X	-2.612	-2.612	0	%100
20	M116	Z	-4.524	-4.524	0	%100
21	M117	X	-7.982	-7.982	0	%100
22	M117	Z	-13.825	-13.825	0	%100
23	M119	X	-8.407	-8.407	0	%100
24	M119	Z	-14.561	-14.561	0	%100
25	M124	X	-6.191	-6.191	0	%100
26	M124	Z	-10.723	-10.723	0	%100
27	M125	X	0	0	0	%100
28	M125	Z	0	0	0	%100
29	M126	X	0	0	0	%100
30	M126	Z	0	0	0	%100
31	M127	X	0	0	0	%100
32	M127	Z	0	0	0	%100
33	M130	X	-4.352	-4.352	0	%100
34	M130	Z	-7.537	-7.537	0	%100
35	M131	X	-4.352	-4.352	0	%100
36	M131	Z	-7.537	-7.537	0	%100
37	M135	X	-10.449	-10.449	0	%100
38	M135	Z	-18.098	-18.098	0	%100
39	M136	X	-7.982	-7.982	0	%100
40	M136	Z	-13.825	-13.825	0	%100
41	M138	X	-8.407	-8.407	0	%100
42	M138	Z	-14.561	-14.561	0	%100
43	M140	X	-10.449	-10.449	0	%100
44	M140	Z	-18.098	-18.098	0	%100
45	M141	X	-7.982	-7.982	0	%100
46	M141	Z	-13.825	-13.825	0	%100
47	M143	X	-8.407	-8.407	0	%100
48	M143	Z	-14.561	-14.561	0	%100
49	M148	X	-1.548	-1.548	0	%100
50	M148	Z	-2.681	-2.681	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f...	End Location[ft...
51	M149	X	-3.929	-3.929	0	%100
52	M149	Z	-6.805	-6.805	0	%100
53	M150	X	-3.929	-3.929	0	%100
54	M150	Z	-6.805	-6.805	0	%100
55	M151	X	-7.837	-7.837	0	%100
56	M151	Z	-13.573	-13.573	0	%100
57	M154	X	-4.352	-4.352	0	%100
58	M154	Z	-7.537	-7.537	0	%100
59	M155	X	0	0	0	%100
60	M155	Z	0	0	0	%100
61	M159	X	-2.612	-2.612	0	%100
62	M159	Z	-4.524	-4.524	0	%100
63	M160	X	-7.982	-7.982	0	%100
64	M160	Z	-13.825	-13.825	0	%100
65	M162	X	-8.407	-8.407	0	%100
66	M162	Z	-14.561	-14.561	0	%100
67	M164	X	-2.612	-2.612	0	%100
68	M164	Z	-4.524	-4.524	0	%100
69	M165	X	0	0	0	%100
70	M165	Z	0	0	0	%100
71	M167	X	0	0	0	%100
72	M167	Z	0	0	0	%100
73	M172	X	-4.571	-4.571	0	%100
74	M172	Z	-7.918	-7.918	0	%100
75	MP1A	X	-4.136	-4.136	0	%100
76	MP1A	Z	-7.164	-7.164	0	%100
77	M82	X	-3.102	-3.102	0	%100
78	M82	Z	-5.373	-5.373	0	%100
79	M87	X	0	0	0	%100
80	M87	Z	0	0	0	%100
81	M88	X	-3.102	-3.102	0	%100
82	M88	Z	-5.373	-5.373	0	%100
83	MP2A	X	-4.136	-4.136	0	%100
84	MP2A	Z	-7.164	-7.164	0	%100
85	MP3A	X	-5.007	-5.007	0	%100
86	MP3A	Z	-8.672	-8.672	0	%100
87	MP4A	X	-4.136	-4.136	0	%100
88	MP4A	Z	-7.164	-7.164	0	%100
89	MP1C	X	-4.136	-4.136	0	%100
90	MP1C	Z	-7.164	-7.164	0	%100
91	MP2C	X	-4.136	-4.136	0	%100
92	MP2C	Z	-7.164	-7.164	0	%100
93	MP3C	X	-5.007	-5.007	0	%100
94	MP3C	Z	-8.672	-8.672	0	%100
95	MP4C	X	-4.136	-4.136	0	%100
96	MP4C	Z	-7.164	-7.164	0	%100
97	MP1B	X	-4.136	-4.136	0	%100
98	MP1B	Z	-7.164	-7.164	0	%100
99	MP2B	X	-4.136	-4.136	0	%100
100	MP2B	Z	-7.164	-7.164	0	%100
101	MP3B	X	-5.007	-5.007	0	%100
102	MP3B	Z	-8.672	-8.672	0	%100
103	MP4B	X	-4.136	-4.136	0	%100
104	MP4B	Z	-7.164	-7.164	0	%100
105	M125A	X	0	0	0	%100
106	M125A	Z	0	0	0	%100
107	M126A	X	-4.571	-4.571	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
108	M126A	Z	-7.918	-7.918	0	%100
109	M127A	X	-3.715	-3.715	0	%100
110	M127A	Z	-6.434	-6.434	0	%100
111	M128A	X	0	0	0	%100
112	M128A	Z	0	0	0	%100
113	M129A	X	-3.715	-3.715	0	%100
114	M129A	Z	-6.434	-6.434	0	%100
115	OVP2	X	-3.382	-3.382	0	%100
116	OVP2	Z	-5.858	-5.858	0	%100
117	OVP1	X	-3.382	-3.382	0	%100
118	OVP1	Z	-5.858	-5.858	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
1	M100	X	0	0	0	%100
2	M100	Z	0	0	0	%100
3	M101	X	0	0	0	%100
4	M101	Z	-3.278	-3.278	0	%100
5	M102	X	0	0	0	%100
6	M102	Z	-3.278	-3.278	0	%100
7	M103	X	0	0	0	%100
8	M103	Z	-4.906	-4.906	0	%100
9	M106	X	0	0	0	%100
10	M106	Z	-.928	-.928	0	%100
11	M107	X	0	0	0	%100
12	M107	Z	-.928	-.928	0	%100
13	M111	X	0	0	0	%100
14	M111	Z	0	0	0	%100
15	M112	X	0	0	0	%100
16	M112	Z	-1.233	-1.233	0	%100
17	M114	X	0	0	0	%100
18	M114	Z	-1.284	-1.284	0	%100
19	M116	X	0	0	0	%100
20	M116	Z	0	0	0	%100
21	M117	X	0	0	0	%100
22	M117	Z	-1.233	-1.233	0	%100
23	M119	X	0	0	0	%100
24	M119	Z	-1.284	-1.284	0	%100
25	M124	X	0	0	0	%100
26	M124	Z	-2.99	-2.99	0	%100
27	M125	X	0	0	0	%100
28	M125	Z	-.819	-.819	0	%100
29	M126	X	0	0	0	%100
30	M126	Z	-.819	-.819	0	%100
31	M127	X	0	0	0	%100
32	M127	Z	-1.227	-1.227	0	%100
33	M130	X	0	0	0	%100
34	M130	Z	-.928	-.928	0	%100
35	M131	X	0	0	0	%100
36	M131	Z	-3.713	-3.713	0	%100
37	M135	X	0	0	0	%100
38	M135	Z	-3.649	-3.649	0	%100
39	M136	X	0	0	0	%100
40	M136	Z	-1.233	-1.233	0	%100
41	M138	X	0	0	0	%100
42	M138	Z	-1.284	-1.284	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f...	End Location[ft...
43	M140	X	0	0	0	%100
44	M140	Z	-3.649	-3.649	0	%100
45	M141	X	0	0	0	%100
46	M141	Z	-4.933	-4.933	0	%100
47	M143	X	0	0	0	%100
48	M143	Z	-5.134	-5.134	0	%100
49	M148	X	0	0	0	%100
50	M148	Z	-2.99	-2.99	0	%100
51	M149	X	0	0	0	%100
52	M149	Z	-.819	-.819	0	%100
53	M150	X	0	0	0	%100
54	M150	Z	-.819	-.819	0	%100
55	M151	X	0	0	0	%100
56	M151	Z	-1.227	-1.227	0	%100
57	M154	X	0	0	0	%100
58	M154	Z	-3.713	-3.713	0	%100
59	M155	X	0	0	0	%100
60	M155	Z	-.928	-.928	0	%100
61	M159	X	0	0	0	%100
62	M159	Z	-3.649	-3.649	0	%100
63	M160	X	0	0	0	%100
64	M160	Z	-4.933	-4.933	0	%100
65	M162	X	0	0	0	%100
66	M162	Z	-5.134	-5.134	0	%100
67	M164	X	0	0	0	%100
68	M164	Z	-3.649	-3.649	0	%100
69	M165	X	0	0	0	%100
70	M165	Z	-1.233	-1.233	0	%100
71	M167	X	0	0	0	%100
72	M167	Z	-1.284	-1.284	0	%100
73	M172	X	0	0	0	%100
74	M172	Z	-4.238	-4.238	0	%100
75	MP1A	X	0	0	0	%100
76	MP1A	Z	-3.558	-3.558	0	%100
77	M82	X	0	0	0	%100
78	M82	Z	-3.558	-3.558	0	%100
79	M87	X	0	0	0	%100
80	M87	Z	-.89	-.89	0	%100
81	M88	X	0	0	0	%100
82	M88	Z	-.89	-.89	0	%100
83	MP2A	X	0	0	0	%100
84	MP2A	Z	-3.558	-3.558	0	%100
85	MP3A	X	0	0	0	%100
86	MP3A	Z	-3.86	-3.86	0	%100
87	MP4A	X	0	0	0	%100
88	MP4A	Z	-3.558	-3.558	0	%100
89	MP1C	X	0	0	0	%100
90	MP1C	Z	-3.558	-3.558	0	%100
91	MP2C	X	0	0	0	%100
92	MP2C	Z	-3.558	-3.558	0	%100
93	MP3C	X	0	0	0	%100
94	MP3C	Z	-3.86	-3.86	0	%100
95	MP4C	X	0	0	0	%100
96	MP4C	Z	-3.558	-3.558	0	%100
97	MP1B	X	0	0	0	%100
98	MP1B	Z	-3.558	-3.558	0	%100
99	MP2B	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
100	MP2B	Z	-3.558	-3.558	0	%100
101	MP3B	X	0	0	0	%100
102	MP3B	Z	-3.86	-3.86	0	%100
103	MP4B	X	0	0	0	%100
104	MP4B	Z	-3.558	-3.558	0	%100
105	M125A	X	0	0	0	%100
106	M125A	Z	-1.06	-1.06	0	%100
107	M126A	X	0	0	0	%100
108	M126A	Z	-1.06	-1.06	0	%100
109	M127A	X	0	0	0	%100
110	M127A	Z	-3.033	-3.033	0	%100
111	M128A	X	0	0	0	%100
112	M128A	Z	-.758	-.758	0	%100
113	M129A	X	0	0	0	%100
114	M129A	Z	-.758	-.758	0	%100
115	OVP2	X	0	0	0	%100
116	OVP2	Z	-2.717	-2.717	0	%100
117	OVP1	X	0	0	0	%100
118	OVP1	Z	-2.717	-2.717	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
1	M100	X	.498	.498	0	%100
2	M100	Z	-.863	-.863	0	%100
3	M101	X	1.229	1.229	0	%100
4	M101	Z	-2.129	-2.129	0	%100
5	M102	X	1.229	1.229	0	%100
6	M102	Z	-2.129	-2.129	0	%100
7	M103	X	1.84	1.84	0	%100
8	M103	Z	-3.187	-3.187	0	%100
9	M106	X	1.393	1.393	0	%100
10	M106	Z	-2.412	-2.412	0	%100
11	M107	X	0	0	0	%100
12	M107	Z	0	0	0	%100
13	M111	X	.608	.608	0	%100
14	M111	Z	-1.053	-1.053	0	%100
15	M112	X	1.85	1.85	0	%100
16	M112	Z	-3.204	-3.204	0	%100
17	M114	X	1.925	1.925	0	%100
18	M114	Z	-3.335	-3.335	0	%100
19	M116	X	.608	.608	0	%100
20	M116	Z	-1.053	-1.053	0	%100
21	M117	X	0	0	0	%100
22	M117	Z	0	0	0	%100
23	M119	X	0	0	0	%100
24	M119	Z	0	0	0	%100
25	M124	X	.498	.498	0	%100
26	M124	Z	-.863	-.863	0	%100
27	M125	X	1.229	1.229	0	%100
28	M125	Z	-2.129	-2.129	0	%100
29	M126	X	1.229	1.229	0	%100
30	M126	Z	-2.129	-2.129	0	%100
31	M127	X	1.84	1.84	0	%100
32	M127	Z	-3.187	-3.187	0	%100
33	M130	X	0	0	0	%100
34	M130	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f...	End Location[ft...
35	M131	X	1.393	1.393	0	%100
36	M131	Z	-2.412	-2.412	0	%100
37	M135	X	.608	.608	0	%100
38	M135	Z	-1.053	-1.053	0	%100
39	M136	X	0	0	0	%100
40	M136	Z	0	0	0	%100
41	M138	X	0	0	0	%100
42	M138	Z	0	0	0	%100
43	M140	X	.608	.608	0	%100
44	M140	Z	-1.053	-1.053	0	%100
45	M141	X	1.85	1.85	0	%100
46	M141	Z	-3.204	-3.204	0	%100
47	M143	X	1.925	1.925	0	%100
48	M143	Z	-3.335	-3.335	0	%100
49	M148	X	1.993	1.993	0	%100
50	M148	Z	-3.452	-3.452	0	%100
51	M149	X	0	0	0	%100
52	M149	Z	0	0	0	%100
53	M150	X	0	0	0	%100
54	M150	Z	0	0	0	%100
55	M151	X	0	0	0	%100
56	M151	Z	0	0	0	%100
57	M154	X	1.393	1.393	0	%100
58	M154	Z	-2.412	-2.412	0	%100
59	M155	X	1.393	1.393	0	%100
60	M155	Z	-2.412	-2.412	0	%100
61	M159	X	2.433	2.433	0	%100
62	M159	Z	-4.214	-4.214	0	%100
63	M160	X	1.85	1.85	0	%100
64	M160	Z	-3.204	-3.204	0	%100
65	M162	X	1.925	1.925	0	%100
66	M162	Z	-3.335	-3.335	0	%100
67	M164	X	2.433	2.433	0	%100
68	M164	Z	-4.214	-4.214	0	%100
69	M165	X	1.85	1.85	0	%100
70	M165	Z	-3.204	-3.204	0	%100
71	M167	X	1.925	1.925	0	%100
72	M167	Z	-3.335	-3.335	0	%100
73	M172	X	1.589	1.589	0	%100
74	M172	Z	-2.753	-2.753	0	%100
75	MP1A	X	1.779	1.779	0	%100
76	MP1A	Z	-3.081	-3.081	0	%100
77	M82	X	1.334	1.334	0	%100
78	M82	Z	-2.311	-2.311	0	%100
79	M87	X	1.334	1.334	0	%100
80	M87	Z	-2.311	-2.311	0	%100
81	M88	X	0	0	0	%100
82	M88	Z	0	0	0	%100
83	MP2A	X	1.779	1.779	0	%100
84	MP2A	Z	-3.081	-3.081	0	%100
85	MP3A	X	1.93	1.93	0	%100
86	MP3A	Z	-3.343	-3.343	0	%100
87	MP4A	X	1.779	1.779	0	%100
88	MP4A	Z	-3.081	-3.081	0	%100
89	MP1C	X	1.779	1.779	0	%100
90	MP1C	Z	-3.081	-3.081	0	%100
91	MP2C	X	1.779	1.779	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
92	MP2C	Z	-3.081	-3.081	0	%100
93	MP3C	X	1.93	1.93	0	%100
94	MP3C	Z	-3.343	-3.343	0	%100
95	MP4C	X	1.779	1.779	0	%100
96	MP4C	Z	-3.081	-3.081	0	%100
97	MP1B	X	1.779	1.779	0	%100
98	MP1B	Z	-3.081	-3.081	0	%100
99	MP2B	X	1.779	1.779	0	%100
100	MP2B	Z	-3.081	-3.081	0	%100
101	MP3B	X	1.93	1.93	0	%100
102	MP3B	Z	-3.343	-3.343	0	%100
103	MP4B	X	1.779	1.779	0	%100
104	MP4B	Z	-3.081	-3.081	0	%100
105	M125A	X	1.589	1.589	0	%100
106	M125A	Z	-2.753	-2.753	0	%100
107	M126A	X	0	0	0	%100
108	M126A	Z	0	0	0	%100
109	M127A	X	1.137	1.137	0	%100
110	M127A	Z	-1.97	-1.97	0	%100
111	M128A	X	1.137	1.137	0	%100
112	M128A	Z	-1.97	-1.97	0	%100
113	M129A	X	0	0	0	%100
114	M129A	Z	0	0	0	%100
115	OVP2	X	1.359	1.359	0	%100
116	OVP2	Z	-2.353	-2.353	0	%100
117	OVP1	X	1.359	1.359	0	%100
118	OVP1	Z	-2.353	-2.353	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
1	M100	X	2.589	2.589	0	%100
2	M100	Z	-1.495	-1.495	0	%100
3	M101	X	.71	.71	0	%100
4	M101	Z	-.41	-.41	0	%100
5	M102	X	.71	.71	0	%100
6	M102	Z	-.41	-.41	0	%100
7	M103	X	1.062	1.062	0	%100
8	M103	Z	-.613	-.613	0	%100
9	M106	X	3.216	3.216	0	%100
10	M106	Z	-1.857	-1.857	0	%100
11	M107	X	.804	.804	0	%100
12	M107	Z	-.464	-.464	0	%100
13	M111	X	3.16	3.16	0	%100
14	M111	Z	-1.825	-1.825	0	%100
15	M112	X	4.272	4.272	0	%100
16	M112	Z	-2.467	-2.467	0	%100
17	M114	X	4.446	4.446	0	%100
18	M114	Z	-2.567	-2.567	0	%100
19	M116	X	3.16	3.16	0	%100
20	M116	Z	-1.825	-1.825	0	%100
21	M117	X	1.068	1.068	0	%100
22	M117	Z	-.617	-.617	0	%100
23	M119	X	1.112	1.112	0	%100
24	M119	Z	-.642	-.642	0	%100
25	M124	X	0	0	0	%100
26	M124	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f...	End Location[ft...
27	M125	X	2.838	2.838	0	%100
28	M125	Z	-1.639	-1.639	0	%100
29	M126	X	2.838	2.838	0	%100
30	M126	Z	-1.639	-1.639	0	%100
31	M127	X	4.249	4.249	0	%100
32	M127	Z	-2.453	-2.453	0	%100
33	M130	X	.804	.804	0	%100
34	M130	Z	-.464	-.464	0	%100
35	M131	X	.804	.804	0	%100
36	M131	Z	-.464	-.464	0	%100
37	M135	X	0	0	0	%100
38	M135	Z	0	0	0	%100
39	M136	X	1.068	1.068	0	%100
40	M136	Z	-.617	-.617	0	%100
41	M138	X	1.112	1.112	0	%100
42	M138	Z	-.642	-.642	0	%100
43	M140	X	0	0	0	%100
44	M140	Z	0	0	0	%100
45	M141	X	1.068	1.068	0	%100
46	M141	Z	-.617	-.617	0	%100
47	M143	X	1.112	1.112	0	%100
48	M143	Z	-.642	-.642	0	%100
49	M148	X	2.589	2.589	0	%100
50	M148	Z	-1.495	-1.495	0	%100
51	M149	X	.71	.71	0	%100
52	M149	Z	-.41	-.41	0	%100
53	M150	X	.71	.71	0	%100
54	M150	Z	-.41	-.41	0	%100
55	M151	X	1.062	1.062	0	%100
56	M151	Z	-.613	-.613	0	%100
57	M154	X	.804	.804	0	%100
58	M154	Z	-.464	-.464	0	%100
59	M155	X	3.216	3.216	0	%100
60	M155	Z	-1.857	-1.857	0	%100
61	M159	X	3.16	3.16	0	%100
62	M159	Z	-1.825	-1.825	0	%100
63	M160	X	1.068	1.068	0	%100
64	M160	Z	-.617	-.617	0	%100
65	M162	X	1.112	1.112	0	%100
66	M162	Z	-.642	-.642	0	%100
67	M164	X	3.16	3.16	0	%100
68	M164	Z	-1.825	-1.825	0	%100
69	M165	X	4.272	4.272	0	%100
70	M165	Z	-2.467	-2.467	0	%100
71	M167	X	4.446	4.446	0	%100
72	M167	Z	-2.567	-2.567	0	%100
73	M172	X	.918	.918	0	%100
74	M172	Z	-.53	-.53	0	%100
75	MP1A	X	3.081	3.081	0	%100
76	MP1A	Z	-1.779	-1.779	0	%100
77	M82	X	.77	.77	0	%100
78	M82	Z	-.445	-.445	0	%100
79	M87	X	3.081	3.081	0	%100
80	M87	Z	-1.779	-1.779	0	%100
81	M88	X	.77	.77	0	%100
82	M88	Z	-.445	-.445	0	%100
83	MP2A	X	3.081	3.081	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
84	MP2A	Z	-1.779	-1.779	0	%100
85	MP3A	X	3.343	3.343	0	%100
86	MP3A	Z	-1.93	-1.93	0	%100
87	MP4A	X	3.081	3.081	0	%100
88	MP4A	Z	-1.779	-1.779	0	%100
89	MP1C	X	3.081	3.081	0	%100
90	MP1C	Z	-1.779	-1.779	0	%100
91	MP2C	X	3.081	3.081	0	%100
92	MP2C	Z	-1.779	-1.779	0	%100
93	MP3C	X	3.343	3.343	0	%100
94	MP3C	Z	-1.93	-1.93	0	%100
95	MP4C	X	3.081	3.081	0	%100
96	MP4C	Z	-1.779	-1.779	0	%100
97	MP1B	X	3.081	3.081	0	%100
98	MP1B	Z	-1.779	-1.779	0	%100
99	MP2B	X	3.081	3.081	0	%100
100	MP2B	Z	-1.779	-1.779	0	%100
101	MP3B	X	3.343	3.343	0	%100
102	MP3B	Z	-1.93	-1.93	0	%100
103	MP4B	X	3.081	3.081	0	%100
104	MP4B	Z	-1.779	-1.779	0	%100
105	M125A	X	3.67	3.67	0	%100
106	M125A	Z	-2.119	-2.119	0	%100
107	M126A	X	.918	.918	0	%100
108	M126A	Z	-.53	-.53	0	%100
109	M127A	X	.657	.657	0	%100
110	M127A	Z	-.379	-.379	0	%100
111	M128A	X	2.627	2.627	0	%100
112	M128A	Z	-1.517	-1.517	0	%100
113	M129A	X	.657	.657	0	%100
114	M129A	Z	-.379	-.379	0	%100
115	OVP2	X	2.353	2.353	0	%100
116	OVP2	Z	-1.359	-1.359	0	%100
117	OVP1	X	2.353	2.353	0	%100
118	OVP1	Z	-1.359	-1.359	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
1	M100	X	3.986	3.986	0	%100
2	M100	Z	0	0	0	%100
3	M101	X	0	0	0	%100
4	M101	Z	0	0	0	%100
5	M102	X	0	0	0	%100
6	M102	Z	0	0	0	%100
7	M103	X	0	0	0	%100
8	M103	Z	0	0	0	%100
9	M106	X	2.785	2.785	0	%100
10	M106	Z	0	0	0	%100
11	M107	X	2.785	2.785	0	%100
12	M107	Z	0	0	0	%100
13	M111	X	4.866	4.866	0	%100
14	M111	Z	0	0	0	%100
15	M112	X	3.7	3.7	0	%100
16	M112	Z	0	0	0	%100
17	M114	X	3.851	3.851	0	%100
18	M114	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f...	End Location[ft...
19	M116	X	4.866	4.866	0	%100
20	M116	Z	0	0	0	%100
21	M117	X	3.7	3.7	0	%100
22	M117	Z	0	0	0	%100
23	M119	X	3.851	3.851	0	%100
24	M119	Z	0	0	0	%100
25	M124	X	.997	.997	0	%100
26	M124	Z	0	0	0	%100
27	M125	X	2.458	2.458	0	%100
28	M125	Z	0	0	0	%100
29	M126	X	2.458	2.458	0	%100
30	M126	Z	0	0	0	%100
31	M127	X	3.68	3.68	0	%100
32	M127	Z	0	0	0	%100
33	M130	X	2.785	2.785	0	%100
34	M130	Z	0	0	0	%100
35	M131	X	0	0	0	%100
36	M131	Z	0	0	0	%100
37	M135	X	1.216	1.216	0	%100
38	M135	Z	0	0	0	%100
39	M136	X	3.7	3.7	0	%100
40	M136	Z	0	0	0	%100
41	M138	X	3.851	3.851	0	%100
42	M138	Z	0	0	0	%100
43	M140	X	1.216	1.216	0	%100
44	M140	Z	0	0	0	%100
45	M141	X	0	0	0	%100
46	M141	Z	0	0	0	%100
47	M143	X	0	0	0	%100
48	M143	Z	0	0	0	%100
49	M148	X	.997	.997	0	%100
50	M148	Z	0	0	0	%100
51	M149	X	2.458	2.458	0	%100
52	M149	Z	0	0	0	%100
53	M150	X	2.458	2.458	0	%100
54	M150	Z	0	0	0	%100
55	M151	X	3.68	3.68	0	%100
56	M151	Z	0	0	0	%100
57	M154	X	0	0	0	%100
58	M154	Z	0	0	0	%100
59	M155	X	2.785	2.785	0	%100
60	M155	Z	0	0	0	%100
61	M159	X	1.216	1.216	0	%100
62	M159	Z	0	0	0	%100
63	M160	X	0	0	0	%100
64	M160	Z	0	0	0	%100
65	M162	X	0	0	0	%100
66	M162	Z	0	0	0	%100
67	M164	X	1.216	1.216	0	%100
68	M164	Z	0	0	0	%100
69	M165	X	3.7	3.7	0	%100
70	M165	Z	0	0	0	%100
71	M167	X	3.851	3.851	0	%100
72	M167	Z	0	0	0	%100
73	M172	X	0	0	0	%100
74	M172	Z	0	0	0	%100
75	MP1A	X	3.558	3.558	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
76	MP1A	Z	0	0	0	%100
77	M82	X	0	0	0	%100
78	M82	Z	0	0	0	%100
79	M87	X	2.669	2.669	0	%100
80	M87	Z	0	0	0	%100
81	M88	X	2.669	2.669	0	%100
82	M88	Z	0	0	0	%100
83	MP2A	X	3.558	3.558	0	%100
84	MP2A	Z	0	0	0	%100
85	MP3A	X	3.86	3.86	0	%100
86	MP3A	Z	0	0	0	%100
87	MP4A	X	3.558	3.558	0	%100
88	MP4A	Z	0	0	0	%100
89	MP1C	X	3.558	3.558	0	%100
90	MP1C	Z	0	0	0	%100
91	MP2C	X	3.558	3.558	0	%100
92	MP2C	Z	0	0	0	%100
93	MP3C	X	3.86	3.86	0	%100
94	MP3C	Z	0	0	0	%100
95	MP4C	X	3.558	3.558	0	%100
96	MP4C	Z	0	0	0	%100
97	MP1B	X	3.558	3.558	0	%100
98	MP1B	Z	0	0	0	%100
99	MP2B	X	3.558	3.558	0	%100
100	MP2B	Z	0	0	0	%100
101	MP3B	X	3.86	3.86	0	%100
102	MP3B	Z	0	0	0	%100
103	MP4B	X	3.558	3.558	0	%100
104	MP4B	Z	0	0	0	%100
105	M125A	X	3.179	3.179	0	%100
106	M125A	Z	0	0	0	%100
107	M126A	X	3.179	3.179	0	%100
108	M126A	Z	0	0	0	%100
109	M127A	X	0	0	0	%100
110	M127A	Z	0	0	0	%100
111	M128A	X	2.275	2.275	0	%100
112	M128A	Z	0	0	0	%100
113	M129A	X	2.275	2.275	0	%100
114	M129A	Z	0	0	0	%100
115	OVP2	X	2.717	2.717	0	%100
116	OVP2	Z	0	0	0	%100
117	OVP1	X	2.717	2.717	0	%100
118	OVP1	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
1	M100	X	2.589	2.589	0	%100
2	M100	Z	1.495	1.495	0	%100
3	M101	X	.71	.71	0	%100
4	M101	Z	.41	.41	0	%100
5	M102	X	.71	.71	0	%100
6	M102	Z	.41	.41	0	%100
7	M103	X	1.062	1.062	0	%100
8	M103	Z	.613	.613	0	%100
9	M106	X	.804	.804	0	%100
10	M106	Z	.464	.464	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f...	End Location[ft...
11	M107	X	3.216	3.216	0	%100
12	M107	Z	1.857	1.857	0	%100
13	M111	X	3.16	3.16	0	%100
14	M111	Z	1.825	1.825	0	%100
15	M112	X	1.068	1.068	0	%100
16	M112	Z	.617	.617	0	%100
17	M114	X	1.112	1.112	0	%100
18	M114	Z	.642	.642	0	%100
19	M116	X	3.16	3.16	0	%100
20	M116	Z	1.825	1.825	0	%100
21	M117	X	4.272	4.272	0	%100
22	M117	Z	2.467	2.467	0	%100
23	M119	X	4.446	4.446	0	%100
24	M119	Z	2.567	2.567	0	%100
25	M124	X	2.589	2.589	0	%100
26	M124	Z	1.495	1.495	0	%100
27	M125	X	.71	.71	0	%100
28	M125	Z	.41	.41	0	%100
29	M126	X	.71	.71	0	%100
30	M126	Z	.41	.41	0	%100
31	M127	X	1.062	1.062	0	%100
32	M127	Z	.613	.613	0	%100
33	M130	X	3.216	3.216	0	%100
34	M130	Z	1.857	1.857	0	%100
35	M131	X	.804	.804	0	%100
36	M131	Z	.464	.464	0	%100
37	M135	X	3.16	3.16	0	%100
38	M135	Z	1.825	1.825	0	%100
39	M136	X	4.272	4.272	0	%100
40	M136	Z	2.467	2.467	0	%100
41	M138	X	4.446	4.446	0	%100
42	M138	Z	2.567	2.567	0	%100
43	M140	X	3.16	3.16	0	%100
44	M140	Z	1.825	1.825	0	%100
45	M141	X	1.068	1.068	0	%100
46	M141	Z	.617	.617	0	%100
47	M143	X	1.112	1.112	0	%100
48	M143	Z	.642	.642	0	%100
49	M148	X	0	0	0	%100
50	M148	Z	0	0	0	%100
51	M149	X	2.838	2.838	0	%100
52	M149	Z	1.639	1.639	0	%100
53	M150	X	2.838	2.838	0	%100
54	M150	Z	1.639	1.639	0	%100
55	M151	X	4.249	4.249	0	%100
56	M151	Z	2.453	2.453	0	%100
57	M154	X	.804	.804	0	%100
58	M154	Z	.464	.464	0	%100
59	M155	X	.804	.804	0	%100
60	M155	Z	.464	.464	0	%100
61	M159	X	0	0	0	%100
62	M159	Z	0	0	0	%100
63	M160	X	1.068	1.068	0	%100
64	M160	Z	.617	.617	0	%100
65	M162	X	1.112	1.112	0	%100
66	M162	Z	.642	.642	0	%100
67	M164	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
68	M164	Z	0	0	0	%100
69	M165	X	1.068	1.068	0	%100
70	M165	Z	.617	.617	0	%100
71	M167	X	1.112	1.112	0	%100
72	M167	Z	.642	.642	0	%100
73	M172	X	.918	.918	0	%100
74	M172	Z	.53	.53	0	%100
75	MP1A	X	3.081	3.081	0	%100
76	MP1A	Z	1.779	1.779	0	%100
77	M82	X	.77	.77	0	%100
78	M82	Z	.445	.445	0	%100
79	M87	X	.77	.77	0	%100
80	M87	Z	.445	.445	0	%100
81	M88	X	3.081	3.081	0	%100
82	M88	Z	1.779	1.779	0	%100
83	MP2A	X	3.081	3.081	0	%100
84	MP2A	Z	1.779	1.779	0	%100
85	MP3A	X	3.343	3.343	0	%100
86	MP3A	Z	1.93	1.93	0	%100
87	MP4A	X	3.081	3.081	0	%100
88	MP4A	Z	1.779	1.779	0	%100
89	MP1C	X	3.081	3.081	0	%100
90	MP1C	Z	1.779	1.779	0	%100
91	MP2C	X	3.081	3.081	0	%100
92	MP2C	Z	1.779	1.779	0	%100
93	MP3C	X	3.343	3.343	0	%100
94	MP3C	Z	1.93	1.93	0	%100
95	MP4C	X	3.081	3.081	0	%100
96	MP4C	Z	1.779	1.779	0	%100
97	MP1B	X	3.081	3.081	0	%100
98	MP1B	Z	1.779	1.779	0	%100
99	MP2B	X	3.081	3.081	0	%100
100	MP2B	Z	1.779	1.779	0	%100
101	MP3B	X	3.343	3.343	0	%100
102	MP3B	Z	1.93	1.93	0	%100
103	MP4B	X	3.081	3.081	0	%100
104	MP4B	Z	1.779	1.779	0	%100
105	M125A	X	.918	.918	0	%100
106	M125A	Z	.53	.53	0	%100
107	M126A	X	3.67	3.67	0	%100
108	M126A	Z	2.119	2.119	0	%100
109	M127A	X	.657	.657	0	%100
110	M127A	Z	.379	.379	0	%100
111	M128A	X	.657	.657	0	%100
112	M128A	Z	.379	.379	0	%100
113	M129A	X	2.627	2.627	0	%100
114	M129A	Z	1.517	1.517	0	%100
115	OVP2	X	2.353	2.353	0	%100
116	OVP2	Z	1.359	1.359	0	%100
117	OVP1	X	2.353	2.353	0	%100
118	OVP1	Z	1.359	1.359	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
1	M100	X	.498	.498	0	%100
2	M100	Z	.863	.863	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f...	End Location[ft...
3	M101	X	1.229	1.229	0	%100
4	M101	Z	2.129	2.129	0	%100
5	M102	X	1.229	1.229	0	%100
6	M102	Z	2.129	2.129	0	%100
7	M103	X	1.84	1.84	0	%100
8	M103	Z	3.187	3.187	0	%100
9	M106	X	0	0	0	%100
10	M106	Z	0	0	0	%100
11	M107	X	1.393	1.393	0	%100
12	M107	Z	2.412	2.412	0	%100
13	M111	X	.608	.608	0	%100
14	M111	Z	1.053	1.053	0	%100
15	M112	X	0	0	0	%100
16	M112	Z	0	0	0	%100
17	M114	X	0	0	0	%100
18	M114	Z	0	0	0	%100
19	M116	X	.608	.608	0	%100
20	M116	Z	1.053	1.053	0	%100
21	M117	X	1.85	1.85	0	%100
22	M117	Z	3.204	3.204	0	%100
23	M119	X	1.925	1.925	0	%100
24	M119	Z	3.335	3.335	0	%100
25	M124	X	1.993	1.993	0	%100
26	M124	Z	3.452	3.452	0	%100
27	M125	X	0	0	0	%100
28	M125	Z	0	0	0	%100
29	M126	X	0	0	0	%100
30	M126	Z	0	0	0	%100
31	M127	X	0	0	0	%100
32	M127	Z	0	0	0	%100
33	M130	X	1.393	1.393	0	%100
34	M130	Z	2.412	2.412	0	%100
35	M131	X	1.393	1.393	0	%100
36	M131	Z	2.412	2.412	0	%100
37	M135	X	2.433	2.433	0	%100
38	M135	Z	4.214	4.214	0	%100
39	M136	X	1.85	1.85	0	%100
40	M136	Z	3.204	3.204	0	%100
41	M138	X	1.925	1.925	0	%100
42	M138	Z	3.335	3.335	0	%100
43	M140	X	2.433	2.433	0	%100
44	M140	Z	4.214	4.214	0	%100
45	M141	X	1.85	1.85	0	%100
46	M141	Z	3.204	3.204	0	%100
47	M143	X	1.925	1.925	0	%100
48	M143	Z	3.335	3.335	0	%100
49	M148	X	.498	.498	0	%100
50	M148	Z	.863	.863	0	%100
51	M149	X	1.229	1.229	0	%100
52	M149	Z	2.129	2.129	0	%100
53	M150	X	1.229	1.229	0	%100
54	M150	Z	2.129	2.129	0	%100
55	M151	X	1.84	1.84	0	%100
56	M151	Z	3.187	3.187	0	%100
57	M154	X	1.393	1.393	0	%100
58	M154	Z	2.412	2.412	0	%100
59	M155	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
60	M155	Z	0	0	0	%100
61	M159	X	.608	.608	0	%100
62	M159	Z	1.053	1.053	0	%100
63	M160	X	1.85	1.85	0	%100
64	M160	Z	3.204	3.204	0	%100
65	M162	X	1.925	1.925	0	%100
66	M162	Z	3.335	3.335	0	%100
67	M164	X	.608	.608	0	%100
68	M164	Z	1.053	1.053	0	%100
69	M165	X	0	0	0	%100
70	M165	Z	0	0	0	%100
71	M167	X	0	0	0	%100
72	M167	Z	0	0	0	%100
73	M172	X	1.589	1.589	0	%100
74	M172	Z	2.753	2.753	0	%100
75	MP1A	X	1.779	1.779	0	%100
76	MP1A	Z	3.081	3.081	0	%100
77	M82	X	1.334	1.334	0	%100
78	M82	Z	2.311	2.311	0	%100
79	M87	X	0	0	0	%100
80	M87	Z	0	0	0	%100
81	M88	X	1.334	1.334	0	%100
82	M88	Z	2.311	2.311	0	%100
83	MP2A	X	1.779	1.779	0	%100
84	MP2A	Z	3.081	3.081	0	%100
85	MP3A	X	1.93	1.93	0	%100
86	MP3A	Z	3.343	3.343	0	%100
87	MP4A	X	1.779	1.779	0	%100
88	MP4A	Z	3.081	3.081	0	%100
89	MP1C	X	1.779	1.779	0	%100
90	MP1C	Z	3.081	3.081	0	%100
91	MP2C	X	1.779	1.779	0	%100
92	MP2C	Z	3.081	3.081	0	%100
93	MP3C	X	1.93	1.93	0	%100
94	MP3C	Z	3.343	3.343	0	%100
95	MP4C	X	1.779	1.779	0	%100
96	MP4C	Z	3.081	3.081	0	%100
97	MP1B	X	1.779	1.779	0	%100
98	MP1B	Z	3.081	3.081	0	%100
99	MP2B	X	1.779	1.779	0	%100
100	MP2B	Z	3.081	3.081	0	%100
101	MP3B	X	1.93	1.93	0	%100
102	MP3B	Z	3.343	3.343	0	%100
103	MP4B	X	1.779	1.779	0	%100
104	MP4B	Z	3.081	3.081	0	%100
105	M125A	X	0	0	0	%100
106	M125A	Z	0	0	0	%100
107	M126A	X	1.589	1.589	0	%100
108	M126A	Z	2.753	2.753	0	%100
109	M127A	X	1.137	1.137	0	%100
110	M127A	Z	1.97	1.97	0	%100
111	M128A	X	0	0	0	%100
112	M128A	Z	0	0	0	%100
113	M129A	X	1.137	1.137	0	%100
114	M129A	Z	1.97	1.97	0	%100
115	OVP2	X	1.359	1.359	0	%100
116	OVP2	Z	2.353	2.353	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
117	OVP1	X	1.359	1.359	0	%100
118	OVP1	Z	2.353	2.353	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
1	M100	X	0	0	0	%100
2	M100	Z	0	0	0	%100
3	M101	X	0	0	0	%100
4	M101	Z	3.278	3.278	0	%100
5	M102	X	0	0	0	%100
6	M102	Z	3.278	3.278	0	%100
7	M103	X	0	0	0	%100
8	M103	Z	4.906	4.906	0	%100
9	M106	X	0	0	0	%100
10	M106	Z	.928	.928	0	%100
11	M107	X	0	0	0	%100
12	M107	Z	.928	.928	0	%100
13	M111	X	0	0	0	%100
14	M111	Z	0	0	0	%100
15	M112	X	0	0	0	%100
16	M112	Z	1.233	1.233	0	%100
17	M114	X	0	0	0	%100
18	M114	Z	1.284	1.284	0	%100
19	M116	X	0	0	0	%100
20	M116	Z	0	0	0	%100
21	M117	X	0	0	0	%100
22	M117	Z	1.233	1.233	0	%100
23	M119	X	0	0	0	%100
24	M119	Z	1.284	1.284	0	%100
25	M124	X	0	0	0	%100
26	M124	Z	2.99	2.99	0	%100
27	M125	X	0	0	0	%100
28	M125	Z	.819	.819	0	%100
29	M126	X	0	0	0	%100
30	M126	Z	.819	.819	0	%100
31	M127	X	0	0	0	%100
32	M127	Z	1.227	1.227	0	%100
33	M130	X	0	0	0	%100
34	M130	Z	.928	.928	0	%100
35	M131	X	0	0	0	%100
36	M131	Z	3.713	3.713	0	%100
37	M135	X	0	0	0	%100
38	M135	Z	3.649	3.649	0	%100
39	M136	X	0	0	0	%100
40	M136	Z	1.233	1.233	0	%100
41	M138	X	0	0	0	%100
42	M138	Z	1.284	1.284	0	%100
43	M140	X	0	0	0	%100
44	M140	Z	3.649	3.649	0	%100
45	M141	X	0	0	0	%100
46	M141	Z	4.933	4.933	0	%100
47	M143	X	0	0	0	%100
48	M143	Z	5.134	5.134	0	%100
49	M148	X	0	0	0	%100
50	M148	Z	2.99	2.99	0	%100
51	M149	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
52	M149	Z	.819	.819	0	%100
53	M150	X	0	0	0	%100
54	M150	Z	.819	.819	0	%100
55	M151	X	0	0	0	%100
56	M151	Z	1.227	1.227	0	%100
57	M154	X	0	0	0	%100
58	M154	Z	3.713	3.713	0	%100
59	M155	X	0	0	0	%100
60	M155	Z	.928	.928	0	%100
61	M159	X	0	0	0	%100
62	M159	Z	3.649	3.649	0	%100
63	M160	X	0	0	0	%100
64	M160	Z	4.933	4.933	0	%100
65	M162	X	0	0	0	%100
66	M162	Z	5.134	5.134	0	%100
67	M164	X	0	0	0	%100
68	M164	Z	3.649	3.649	0	%100
69	M165	X	0	0	0	%100
70	M165	Z	1.233	1.233	0	%100
71	M167	X	0	0	0	%100
72	M167	Z	1.284	1.284	0	%100
73	M172	X	0	0	0	%100
74	M172	Z	4.238	4.238	0	%100
75	MP1A	X	0	0	0	%100
76	MP1A	Z	3.558	3.558	0	%100
77	M82	X	0	0	0	%100
78	M82	Z	3.558	3.558	0	%100
79	M87	X	0	0	0	%100
80	M87	Z	.89	.89	0	%100
81	M88	X	0	0	0	%100
82	M88	Z	.89	.89	0	%100
83	MP2A	X	0	0	0	%100
84	MP2A	Z	3.558	3.558	0	%100
85	MP3A	X	0	0	0	%100
86	MP3A	Z	3.86	3.86	0	%100
87	MP4A	X	0	0	0	%100
88	MP4A	Z	3.558	3.558	0	%100
89	MP1C	X	0	0	0	%100
90	MP1C	Z	3.558	3.558	0	%100
91	MP2C	X	0	0	0	%100
92	MP2C	Z	3.558	3.558	0	%100
93	MP3C	X	0	0	0	%100
94	MP3C	Z	3.86	3.86	0	%100
95	MP4C	X	0	0	0	%100
96	MP4C	Z	3.558	3.558	0	%100
97	MP1B	X	0	0	0	%100
98	MP1B	Z	3.558	3.558	0	%100
99	MP2B	X	0	0	0	%100
100	MP2B	Z	3.558	3.558	0	%100
101	MP3B	X	0	0	0	%100
102	MP3B	Z	3.86	3.86	0	%100
103	MP4B	X	0	0	0	%100
104	MP4B	Z	3.558	3.558	0	%100
105	M125A	X	0	0	0	%100
106	M125A	Z	1.06	1.06	0	%100
107	M126A	X	0	0	0	%100
108	M126A	Z	1.06	1.06	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
109	M127A	X	0	0	0	%100
110	M127A	Z	3.033	3.033	0	%100
111	M128A	X	0	0	0	%100
112	M128A	Z	.758	.758	0	%100
113	M129A	X	0	0	0	%100
114	M129A	Z	.758	.758	0	%100
115	OVP2	X	0	0	0	%100
116	OVP2	Z	2.717	2.717	0	%100
117	OVP1	X	0	0	0	%100
118	OVP1	Z	2.717	2.717	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
1	M100	X	-.498	-.498	0	%100
2	M100	Z	.863	.863	0	%100
3	M101	X	-1.229	-1.229	0	%100
4	M101	Z	2.129	2.129	0	%100
5	M102	X	-1.229	-1.229	0	%100
6	M102	Z	2.129	2.129	0	%100
7	M103	X	-1.84	-1.84	0	%100
8	M103	Z	3.187	3.187	0	%100
9	M106	X	-1.393	-1.393	0	%100
10	M106	Z	2.412	2.412	0	%100
11	M107	X	0	0	0	%100
12	M107	Z	0	0	0	%100
13	M111	X	-.608	-.608	0	%100
14	M111	Z	1.053	1.053	0	%100
15	M112	X	-1.85	-1.85	0	%100
16	M112	Z	3.204	3.204	0	%100
17	M114	X	-1.925	-1.925	0	%100
18	M114	Z	3.335	3.335	0	%100
19	M116	X	-.608	-.608	0	%100
20	M116	Z	1.053	1.053	0	%100
21	M117	X	0	0	0	%100
22	M117	Z	0	0	0	%100
23	M119	X	0	0	0	%100
24	M119	Z	0	0	0	%100
25	M124	X	-.498	-.498	0	%100
26	M124	Z	.863	.863	0	%100
27	M125	X	-1.229	-1.229	0	%100
28	M125	Z	2.129	2.129	0	%100
29	M126	X	-1.229	-1.229	0	%100
30	M126	Z	2.129	2.129	0	%100
31	M127	X	-1.84	-1.84	0	%100
32	M127	Z	3.187	3.187	0	%100
33	M130	X	0	0	0	%100
34	M130	Z	0	0	0	%100
35	M131	X	-1.393	-1.393	0	%100
36	M131	Z	2.412	2.412	0	%100
37	M135	X	-.608	-.608	0	%100
38	M135	Z	1.053	1.053	0	%100
39	M136	X	0	0	0	%100
40	M136	Z	0	0	0	%100
41	M138	X	0	0	0	%100
42	M138	Z	0	0	0	%100
43	M140	X	-.608	-.608	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
44	M140	Z	1.053	1.053	0	%100
45	M141	X	-1.85	-1.85	0	%100
46	M141	Z	3.204	3.204	0	%100
47	M143	X	-1.925	-1.925	0	%100
48	M143	Z	3.335	3.335	0	%100
49	M148	X	-1.993	-1.993	0	%100
50	M148	Z	3.452	3.452	0	%100
51	M149	X	0	0	0	%100
52	M149	Z	0	0	0	%100
53	M150	X	0	0	0	%100
54	M150	Z	0	0	0	%100
55	M151	X	0	0	0	%100
56	M151	Z	0	0	0	%100
57	M154	X	-1.393	-1.393	0	%100
58	M154	Z	2.412	2.412	0	%100
59	M155	X	-1.393	-1.393	0	%100
60	M155	Z	2.412	2.412	0	%100
61	M159	X	-2.433	-2.433	0	%100
62	M159	Z	4.214	4.214	0	%100
63	M160	X	-1.85	-1.85	0	%100
64	M160	Z	3.204	3.204	0	%100
65	M162	X	-1.925	-1.925	0	%100
66	M162	Z	3.335	3.335	0	%100
67	M164	X	-2.433	-2.433	0	%100
68	M164	Z	4.214	4.214	0	%100
69	M165	X	-1.85	-1.85	0	%100
70	M165	Z	3.204	3.204	0	%100
71	M167	X	-1.925	-1.925	0	%100
72	M167	Z	3.335	3.335	0	%100
73	M172	X	-1.589	-1.589	0	%100
74	M172	Z	2.753	2.753	0	%100
75	MP1A	X	-1.779	-1.779	0	%100
76	MP1A	Z	3.081	3.081	0	%100
77	M82	X	-1.334	-1.334	0	%100
78	M82	Z	2.311	2.311	0	%100
79	M87	X	-1.334	-1.334	0	%100
80	M87	Z	2.311	2.311	0	%100
81	M88	X	0	0	0	%100
82	M88	Z	0	0	0	%100
83	MP2A	X	-1.779	-1.779	0	%100
84	MP2A	Z	3.081	3.081	0	%100
85	MP3A	X	-1.93	-1.93	0	%100
86	MP3A	Z	3.343	3.343	0	%100
87	MP4A	X	-1.779	-1.779	0	%100
88	MP4A	Z	3.081	3.081	0	%100
89	MP1C	X	-1.779	-1.779	0	%100
90	MP1C	Z	3.081	3.081	0	%100
91	MP2C	X	-1.779	-1.779	0	%100
92	MP2C	Z	3.081	3.081	0	%100
93	MP3C	X	-1.93	-1.93	0	%100
94	MP3C	Z	3.343	3.343	0	%100
95	MP4C	X	-1.779	-1.779	0	%100
96	MP4C	Z	3.081	3.081	0	%100
97	MP1B	X	-1.779	-1.779	0	%100
98	MP1B	Z	3.081	3.081	0	%100
99	MP2B	X	-1.779	-1.779	0	%100
100	MP2B	Z	3.081	3.081	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
101	MP3B	X	-1.93	-1.93	0	%100
102	MP3B	Z	3.343	3.343	0	%100
103	MP4B	X	-1.779	-1.779	0	%100
104	MP4B	Z	3.081	3.081	0	%100
105	M125A	X	-1.589	-1.589	0	%100
106	M125A	Z	2.753	2.753	0	%100
107	M126A	X	0	0	0	%100
108	M126A	Z	0	0	0	%100
109	M127A	X	-1.137	-1.137	0	%100
110	M127A	Z	1.97	1.97	0	%100
111	M128A	X	-1.137	-1.137	0	%100
112	M128A	Z	1.97	1.97	0	%100
113	M129A	X	0	0	0	%100
114	M129A	Z	0	0	0	%100
115	OVP2	X	-1.359	-1.359	0	%100
116	OVP2	Z	2.353	2.353	0	%100
117	OVP1	X	-1.359	-1.359	0	%100
118	OVP1	Z	2.353	2.353	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
1	M100	X	-2.589	-2.589	0	%100
2	M100	Z	1.495	1.495	0	%100
3	M101	X	-.71	-.71	0	%100
4	M101	Z	.41	.41	0	%100
5	M102	X	-.71	-.71	0	%100
6	M102	Z	.41	.41	0	%100
7	M103	X	-1.062	-1.062	0	%100
8	M103	Z	.613	.613	0	%100
9	M106	X	-3.216	-3.216	0	%100
10	M106	Z	1.857	1.857	0	%100
11	M107	X	-.804	-.804	0	%100
12	M107	Z	.464	.464	0	%100
13	M111	X	-3.16	-3.16	0	%100
14	M111	Z	1.825	1.825	0	%100
15	M112	X	-4.272	-4.272	0	%100
16	M112	Z	2.467	2.467	0	%100
17	M114	X	-4.446	-4.446	0	%100
18	M114	Z	2.567	2.567	0	%100
19	M116	X	-3.16	-3.16	0	%100
20	M116	Z	1.825	1.825	0	%100
21	M117	X	-1.068	-1.068	0	%100
22	M117	Z	.617	.617	0	%100
23	M119	X	-1.112	-1.112	0	%100
24	M119	Z	.642	.642	0	%100
25	M124	X	0	0	0	%100
26	M124	Z	0	0	0	%100
27	M125	X	-2.838	-2.838	0	%100
28	M125	Z	1.639	1.639	0	%100
29	M126	X	-2.838	-2.838	0	%100
30	M126	Z	1.639	1.639	0	%100
31	M127	X	-4.249	-4.249	0	%100
32	M127	Z	2.453	2.453	0	%100
33	M130	X	-.804	-.804	0	%100
34	M130	Z	.464	.464	0	%100
35	M131	X	-.804	-.804	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
36	M131	Z	.464	.464	0	%100
37	M135	X	0	0	0	%100
38	M135	Z	0	0	0	%100
39	M136	X	-1.068	-1.068	0	%100
40	M136	Z	.617	.617	0	%100
41	M138	X	-1.112	-1.112	0	%100
42	M138	Z	.642	.642	0	%100
43	M140	X	0	0	0	%100
44	M140	Z	0	0	0	%100
45	M141	X	-1.068	-1.068	0	%100
46	M141	Z	.617	.617	0	%100
47	M143	X	-1.112	-1.112	0	%100
48	M143	Z	.642	.642	0	%100
49	M148	X	-2.589	-2.589	0	%100
50	M148	Z	1.495	1.495	0	%100
51	M149	X	-.71	-.71	0	%100
52	M149	Z	.41	.41	0	%100
53	M150	X	-.71	-.71	0	%100
54	M150	Z	.41	.41	0	%100
55	M151	X	-1.062	-1.062	0	%100
56	M151	Z	.613	.613	0	%100
57	M154	X	-.804	-.804	0	%100
58	M154	Z	.464	.464	0	%100
59	M155	X	-3.216	-3.216	0	%100
60	M155	Z	1.857	1.857	0	%100
61	M159	X	-3.16	-3.16	0	%100
62	M159	Z	1.825	1.825	0	%100
63	M160	X	-1.068	-1.068	0	%100
64	M160	Z	.617	.617	0	%100
65	M162	X	-1.112	-1.112	0	%100
66	M162	Z	.642	.642	0	%100
67	M164	X	-3.16	-3.16	0	%100
68	M164	Z	1.825	1.825	0	%100
69	M165	X	-4.272	-4.272	0	%100
70	M165	Z	2.467	2.467	0	%100
71	M167	X	-4.446	-4.446	0	%100
72	M167	Z	2.567	2.567	0	%100
73	M172	X	-.918	-.918	0	%100
74	M172	Z	.53	.53	0	%100
75	MP1A	X	-3.081	-3.081	0	%100
76	MP1A	Z	1.779	1.779	0	%100
77	M82	X	-.77	-.77	0	%100
78	M82	Z	.445	.445	0	%100
79	M87	X	-3.081	-3.081	0	%100
80	M87	Z	1.779	1.779	0	%100
81	M88	X	-.77	-.77	0	%100
82	M88	Z	.445	.445	0	%100
83	MP2A	X	-3.081	-3.081	0	%100
84	MP2A	Z	1.779	1.779	0	%100
85	MP3A	X	-3.343	-3.343	0	%100
86	MP3A	Z	1.93	1.93	0	%100
87	MP4A	X	-3.081	-3.081	0	%100
88	MP4A	Z	1.779	1.779	0	%100
89	MP1C	X	-3.081	-3.081	0	%100
90	MP1C	Z	1.779	1.779	0	%100
91	MP2C	X	-3.081	-3.081	0	%100
92	MP2C	Z	1.779	1.779	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
93	MP3C	X	-3.343	-3.343	0	%100
94	MP3C	Z	1.93	1.93	0	%100
95	MP4C	X	-3.081	-3.081	0	%100
96	MP4C	Z	1.779	1.779	0	%100
97	MP1B	X	-3.081	-3.081	0	%100
98	MP1B	Z	1.779	1.779	0	%100
99	MP2B	X	-3.081	-3.081	0	%100
100	MP2B	Z	1.779	1.779	0	%100
101	MP3B	X	-3.343	-3.343	0	%100
102	MP3B	Z	1.93	1.93	0	%100
103	MP4B	X	-3.081	-3.081	0	%100
104	MP4B	Z	1.779	1.779	0	%100
105	M125A	X	-3.67	-3.67	0	%100
106	M125A	Z	2.119	2.119	0	%100
107	M126A	X	-.918	-.918	0	%100
108	M126A	Z	.53	.53	0	%100
109	M127A	X	-.657	-.657	0	%100
110	M127A	Z	.379	.379	0	%100
111	M128A	X	-2.627	-2.627	0	%100
112	M128A	Z	1.517	1.517	0	%100
113	M129A	X	-.657	-.657	0	%100
114	M129A	Z	.379	.379	0	%100
115	OVP2	X	-2.353	-2.353	0	%100
116	OVP2	Z	1.359	1.359	0	%100
117	OVP1	X	-2.353	-2.353	0	%100
118	OVP1	Z	1.359	1.359	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
1	M100	X	-3.986	-3.986	0	%100
2	M100	Z	0	0	0	%100
3	M101	X	0	0	0	%100
4	M101	Z	0	0	0	%100
5	M102	X	0	0	0	%100
6	M102	Z	0	0	0	%100
7	M103	X	0	0	0	%100
8	M103	Z	0	0	0	%100
9	M106	X	-2.785	-2.785	0	%100
10	M106	Z	0	0	0	%100
11	M107	X	-2.785	-2.785	0	%100
12	M107	Z	0	0	0	%100
13	M111	X	-4.866	-4.866	0	%100
14	M111	Z	0	0	0	%100
15	M112	X	-3.7	-3.7	0	%100
16	M112	Z	0	0	0	%100
17	M114	X	-3.851	-3.851	0	%100
18	M114	Z	0	0	0	%100
19	M116	X	-4.866	-4.866	0	%100
20	M116	Z	0	0	0	%100
21	M117	X	-3.7	-3.7	0	%100
22	M117	Z	0	0	0	%100
23	M119	X	-3.851	-3.851	0	%100
24	M119	Z	0	0	0	%100
25	M124	X	-.997	-.997	0	%100
26	M124	Z	0	0	0	%100
27	M125	X	-2.458	-2.458	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
28	M125	Z	0	0	0	%100
29	M126	X	-2.458	-2.458	0	%100
30	M126	Z	0	0	0	%100
31	M127	X	-3.68	-3.68	0	%100
32	M127	Z	0	0	0	%100
33	M130	X	-2.785	-2.785	0	%100
34	M130	Z	0	0	0	%100
35	M131	X	0	0	0	%100
36	M131	Z	0	0	0	%100
37	M135	X	-1.216	-1.216	0	%100
38	M135	Z	0	0	0	%100
39	M136	X	-3.7	-3.7	0	%100
40	M136	Z	0	0	0	%100
41	M138	X	-3.851	-3.851	0	%100
42	M138	Z	0	0	0	%100
43	M140	X	-1.216	-1.216	0	%100
44	M140	Z	0	0	0	%100
45	M141	X	0	0	0	%100
46	M141	Z	0	0	0	%100
47	M143	X	0	0	0	%100
48	M143	Z	0	0	0	%100
49	M148	X	-.997	-.997	0	%100
50	M148	Z	0	0	0	%100
51	M149	X	-2.458	-2.458	0	%100
52	M149	Z	0	0	0	%100
53	M150	X	-2.458	-2.458	0	%100
54	M150	Z	0	0	0	%100
55	M151	X	-3.68	-3.68	0	%100
56	M151	Z	0	0	0	%100
57	M154	X	0	0	0	%100
58	M154	Z	0	0	0	%100
59	M155	X	-2.785	-2.785	0	%100
60	M155	Z	0	0	0	%100
61	M159	X	-1.216	-1.216	0	%100
62	M159	Z	0	0	0	%100
63	M160	X	0	0	0	%100
64	M160	Z	0	0	0	%100
65	M162	X	0	0	0	%100
66	M162	Z	0	0	0	%100
67	M164	X	-1.216	-1.216	0	%100
68	M164	Z	0	0	0	%100
69	M165	X	-3.7	-3.7	0	%100
70	M165	Z	0	0	0	%100
71	M167	X	-3.851	-3.851	0	%100
72	M167	Z	0	0	0	%100
73	M172	X	0	0	0	%100
74	M172	Z	0	0	0	%100
75	MP1A	X	-3.558	-3.558	0	%100
76	MP1A	Z	0	0	0	%100
77	M82	X	0	0	0	%100
78	M82	Z	0	0	0	%100
79	M87	X	-2.669	-2.669	0	%100
80	M87	Z	0	0	0	%100
81	M88	X	-2.669	-2.669	0	%100
82	M88	Z	0	0	0	%100
83	MP2A	X	-3.558	-3.558	0	%100
84	MP2A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
85	MP3A	X	-3.86	-3.86	0	%100
86	MP3A	Z	0	0	0	%100
87	MP4A	X	-3.558	-3.558	0	%100
88	MP4A	Z	0	0	0	%100
89	MP1C	X	-3.558	-3.558	0	%100
90	MP1C	Z	0	0	0	%100
91	MP2C	X	-3.558	-3.558	0	%100
92	MP2C	Z	0	0	0	%100
93	MP3C	X	-3.86	-3.86	0	%100
94	MP3C	Z	0	0	0	%100
95	MP4C	X	-3.558	-3.558	0	%100
96	MP4C	Z	0	0	0	%100
97	MP1B	X	-3.558	-3.558	0	%100
98	MP1B	Z	0	0	0	%100
99	MP2B	X	-3.558	-3.558	0	%100
100	MP2B	Z	0	0	0	%100
101	MP3B	X	-3.86	-3.86	0	%100
102	MP3B	Z	0	0	0	%100
103	MP4B	X	-3.558	-3.558	0	%100
104	MP4B	Z	0	0	0	%100
105	M125A	X	-3.179	-3.179	0	%100
106	M125A	Z	0	0	0	%100
107	M126A	X	-3.179	-3.179	0	%100
108	M126A	Z	0	0	0	%100
109	M127A	X	0	0	0	%100
110	M127A	Z	0	0	0	%100
111	M128A	X	-2.275	-2.275	0	%100
112	M128A	Z	0	0	0	%100
113	M129A	X	-2.275	-2.275	0	%100
114	M129A	Z	0	0	0	%100
115	OVP2	X	-2.717	-2.717	0	%100
116	OVP2	Z	0	0	0	%100
117	OVP1	X	-2.717	-2.717	0	%100
118	OVP1	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
1	M100	X	-2.589	-2.589	0	%100
2	M100	Z	-1.495	-1.495	0	%100
3	M101	X	-.71	-.71	0	%100
4	M101	Z	-.41	-.41	0	%100
5	M102	X	-.71	-.71	0	%100
6	M102	Z	-.41	-.41	0	%100
7	M103	X	-1.062	-1.062	0	%100
8	M103	Z	-.613	-.613	0	%100
9	M106	X	-.804	-.804	0	%100
10	M106	Z	-.464	-.464	0	%100
11	M107	X	-3.216	-3.216	0	%100
12	M107	Z	-1.857	-1.857	0	%100
13	M111	X	-3.16	-3.16	0	%100
14	M111	Z	-1.825	-1.825	0	%100
15	M112	X	-1.068	-1.068	0	%100
16	M112	Z	-.617	-.617	0	%100
17	M114	X	-1.112	-1.112	0	%100
18	M114	Z	-.642	-.642	0	%100
19	M116	X	-3.16	-3.16	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
20	M116	Z	-1.825	-1.825	0	%100
21	M117	X	-4.272	-4.272	0	%100
22	M117	Z	-2.467	-2.467	0	%100
23	M119	X	-4.446	-4.446	0	%100
24	M119	Z	-2.567	-2.567	0	%100
25	M124	X	-2.589	-2.589	0	%100
26	M124	Z	-1.495	-1.495	0	%100
27	M125	X	-.71	-.71	0	%100
28	M125	Z	-.41	-.41	0	%100
29	M126	X	-.71	-.71	0	%100
30	M126	Z	-.41	-.41	0	%100
31	M127	X	-1.062	-1.062	0	%100
32	M127	Z	-.613	-.613	0	%100
33	M130	X	-3.216	-3.216	0	%100
34	M130	Z	-1.857	-1.857	0	%100
35	M131	X	-.804	-.804	0	%100
36	M131	Z	-.464	-.464	0	%100
37	M135	X	-3.16	-3.16	0	%100
38	M135	Z	-1.825	-1.825	0	%100
39	M136	X	-4.272	-4.272	0	%100
40	M136	Z	-2.467	-2.467	0	%100
41	M138	X	-4.446	-4.446	0	%100
42	M138	Z	-2.567	-2.567	0	%100
43	M140	X	-3.16	-3.16	0	%100
44	M140	Z	-1.825	-1.825	0	%100
45	M141	X	-1.068	-1.068	0	%100
46	M141	Z	-.617	-.617	0	%100
47	M143	X	-1.112	-1.112	0	%100
48	M143	Z	-.642	-.642	0	%100
49	M148	X	0	0	0	%100
50	M148	Z	0	0	0	%100
51	M149	X	-2.838	-2.838	0	%100
52	M149	Z	-1.639	-1.639	0	%100
53	M150	X	-2.838	-2.838	0	%100
54	M150	Z	-1.639	-1.639	0	%100
55	M151	X	-4.249	-4.249	0	%100
56	M151	Z	-2.453	-2.453	0	%100
57	M154	X	-.804	-.804	0	%100
58	M154	Z	-.464	-.464	0	%100
59	M155	X	-.804	-.804	0	%100
60	M155	Z	-.464	-.464	0	%100
61	M159	X	0	0	0	%100
62	M159	Z	0	0	0	%100
63	M160	X	-1.068	-1.068	0	%100
64	M160	Z	-.617	-.617	0	%100
65	M162	X	-1.112	-1.112	0	%100
66	M162	Z	-.642	-.642	0	%100
67	M164	X	0	0	0	%100
68	M164	Z	0	0	0	%100
69	M165	X	-1.068	-1.068	0	%100
70	M165	Z	-.617	-.617	0	%100
71	M167	X	-1.112	-1.112	0	%100
72	M167	Z	-.642	-.642	0	%100
73	M172	X	-.918	-.918	0	%100
74	M172	Z	-.53	-.53	0	%100
75	MP1A	X	-3.081	-3.081	0	%100
76	MP1A	Z	-1.779	-1.779	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f...	End Location[ft...
77	M82	X	-.77	-.77	0	%100
78	M82	Z	-.445	-.445	0	%100
79	M87	X	-.77	-.77	0	%100
80	M87	Z	-.445	-.445	0	%100
81	M88	X	-3.081	-3.081	0	%100
82	M88	Z	-1.779	-1.779	0	%100
83	MP2A	X	-3.081	-3.081	0	%100
84	MP2A	Z	-1.779	-1.779	0	%100
85	MP3A	X	-3.343	-3.343	0	%100
86	MP3A	Z	-1.93	-1.93	0	%100
87	MP4A	X	-3.081	-3.081	0	%100
88	MP4A	Z	-1.779	-1.779	0	%100
89	MP1C	X	-3.081	-3.081	0	%100
90	MP1C	Z	-1.779	-1.779	0	%100
91	MP2C	X	-3.081	-3.081	0	%100
92	MP2C	Z	-1.779	-1.779	0	%100
93	MP3C	X	-3.343	-3.343	0	%100
94	MP3C	Z	-1.93	-1.93	0	%100
95	MP4C	X	-3.081	-3.081	0	%100
96	MP4C	Z	-1.779	-1.779	0	%100
97	MP1B	X	-3.081	-3.081	0	%100
98	MP1B	Z	-1.779	-1.779	0	%100
99	MP2B	X	-3.081	-3.081	0	%100
100	MP2B	Z	-1.779	-1.779	0	%100
101	MP3B	X	-3.343	-3.343	0	%100
102	MP3B	Z	-1.93	-1.93	0	%100
103	MP4B	X	-3.081	-3.081	0	%100
104	MP4B	Z	-1.779	-1.779	0	%100
105	M125A	X	-.918	-.918	0	%100
106	M125A	Z	-.53	-.53	0	%100
107	M126A	X	-3.67	-3.67	0	%100
108	M126A	Z	-2.119	-2.119	0	%100
109	M127A	X	-.657	-.657	0	%100
110	M127A	Z	-.379	-.379	0	%100
111	M128A	X	-.657	-.657	0	%100
112	M128A	Z	-.379	-.379	0	%100
113	M129A	X	-2.627	-2.627	0	%100
114	M129A	Z	-1.517	-1.517	0	%100
115	OVP2	X	-2.353	-2.353	0	%100
116	OVP2	Z	-1.359	-1.359	0	%100
117	OVP1	X	-2.353	-2.353	0	%100
118	OVP1	Z	-1.359	-1.359	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f...	End Location[ft...
1	M100	X	-.498	-.498	0	%100
2	M100	Z	-.863	-.863	0	%100
3	M101	X	-1.229	-1.229	0	%100
4	M101	Z	-2.129	-2.129	0	%100
5	M102	X	-1.229	-1.229	0	%100
6	M102	Z	-2.129	-2.129	0	%100
7	M103	X	-1.84	-1.84	0	%100
8	M103	Z	-3.187	-3.187	0	%100
9	M106	X	0	0	0	%100
10	M106	Z	0	0	0	%100
11	M107	X	-1.393	-1.393	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
12	M107	Z	-2.412	-2.412	0	%100
13	M111	X	-.608	-.608	0	%100
14	M111	Z	-1.053	-1.053	0	%100
15	M112	X	0	0	0	%100
16	M112	Z	0	0	0	%100
17	M114	X	0	0	0	%100
18	M114	Z	0	0	0	%100
19	M116	X	-.608	-.608	0	%100
20	M116	Z	-1.053	-1.053	0	%100
21	M117	X	-1.85	-1.85	0	%100
22	M117	Z	-3.204	-3.204	0	%100
23	M119	X	-1.925	-1.925	0	%100
24	M119	Z	-3.335	-3.335	0	%100
25	M124	X	-1.993	-1.993	0	%100
26	M124	Z	-3.452	-3.452	0	%100
27	M125	X	0	0	0	%100
28	M125	Z	0	0	0	%100
29	M126	X	0	0	0	%100
30	M126	Z	0	0	0	%100
31	M127	X	0	0	0	%100
32	M127	Z	0	0	0	%100
33	M130	X	-1.393	-1.393	0	%100
34	M130	Z	-2.412	-2.412	0	%100
35	M131	X	-1.393	-1.393	0	%100
36	M131	Z	-2.412	-2.412	0	%100
37	M135	X	-2.433	-2.433	0	%100
38	M135	Z	-4.214	-4.214	0	%100
39	M136	X	-1.85	-1.85	0	%100
40	M136	Z	-3.204	-3.204	0	%100
41	M138	X	-1.925	-1.925	0	%100
42	M138	Z	-3.335	-3.335	0	%100
43	M140	X	-2.433	-2.433	0	%100
44	M140	Z	-4.214	-4.214	0	%100
45	M141	X	-1.85	-1.85	0	%100
46	M141	Z	-3.204	-3.204	0	%100
47	M143	X	-1.925	-1.925	0	%100
48	M143	Z	-3.335	-3.335	0	%100
49	M148	X	-.498	-.498	0	%100
50	M148	Z	-.863	-.863	0	%100
51	M149	X	-1.229	-1.229	0	%100
52	M149	Z	-2.129	-2.129	0	%100
53	M150	X	-1.229	-1.229	0	%100
54	M150	Z	-2.129	-2.129	0	%100
55	M151	X	-1.84	-1.84	0	%100
56	M151	Z	-3.187	-3.187	0	%100
57	M154	X	-1.393	-1.393	0	%100
58	M154	Z	-2.412	-2.412	0	%100
59	M155	X	0	0	0	%100
60	M155	Z	0	0	0	%100
61	M159	X	-.608	-.608	0	%100
62	M159	Z	-1.053	-1.053	0	%100
63	M160	X	-1.85	-1.85	0	%100
64	M160	Z	-3.204	-3.204	0	%100
65	M162	X	-1.925	-1.925	0	%100
66	M162	Z	-3.335	-3.335	0	%100
67	M164	X	-.608	-.608	0	%100
68	M164	Z	-1.053	-1.053	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f...	End Location[ft...
69	M165	X	0	0	0	%100
70	M165	Z	0	0	0	%100
71	M167	X	0	0	0	%100
72	M167	Z	0	0	0	%100
73	M172	X	-1.589	-1.589	0	%100
74	M172	Z	-2.753	-2.753	0	%100
75	MP1A	X	-1.779	-1.779	0	%100
76	MP1A	Z	-3.081	-3.081	0	%100
77	M82	X	-1.334	-1.334	0	%100
78	M82	Z	-2.311	-2.311	0	%100
79	M87	X	0	0	0	%100
80	M87	Z	0	0	0	%100
81	M88	X	-1.334	-1.334	0	%100
82	M88	Z	-2.311	-2.311	0	%100
83	MP2A	X	-1.779	-1.779	0	%100
84	MP2A	Z	-3.081	-3.081	0	%100
85	MP3A	X	-1.93	-1.93	0	%100
86	MP3A	Z	-3.343	-3.343	0	%100
87	MP4A	X	-1.779	-1.779	0	%100
88	MP4A	Z	-3.081	-3.081	0	%100
89	MP1C	X	-1.779	-1.779	0	%100
90	MP1C	Z	-3.081	-3.081	0	%100
91	MP2C	X	-1.779	-1.779	0	%100
92	MP2C	Z	-3.081	-3.081	0	%100
93	MP3C	X	-1.93	-1.93	0	%100
94	MP3C	Z	-3.343	-3.343	0	%100
95	MP4C	X	-1.779	-1.779	0	%100
96	MP4C	Z	-3.081	-3.081	0	%100
97	MP1B	X	-1.779	-1.779	0	%100
98	MP1B	Z	-3.081	-3.081	0	%100
99	MP2B	X	-1.779	-1.779	0	%100
100	MP2B	Z	-3.081	-3.081	0	%100
101	MP3B	X	-1.93	-1.93	0	%100
102	MP3B	Z	-3.343	-3.343	0	%100
103	MP4B	X	-1.779	-1.779	0	%100
104	MP4B	Z	-3.081	-3.081	0	%100
105	M125A	X	0	0	0	%100
106	M125A	Z	0	0	0	%100
107	M126A	X	-1.589	-1.589	0	%100
108	M126A	Z	-2.753	-2.753	0	%100
109	M127A	X	-1.137	-1.137	0	%100
110	M127A	Z	-1.97	-1.97	0	%100
111	M128A	X	0	0	0	%100
112	M128A	Z	0	0	0	%100
113	M129A	X	-1.137	-1.137	0	%100
114	M129A	Z	-1.97	-1.97	0	%100
115	OVP2	X	-1.359	-1.359	0	%100
116	OVP2	Z	-2.353	-2.353	0	%100
117	OVP1	X	-1.359	-1.359	0	%100
118	OVP1	Z	-2.353	-2.353	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f...	End Location[ft...
1	M100	X	0	0	0	%100
2	M100	Z	0	0	0	%100
3	M101	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
4	M101	Z	-.655	-.655	0	%100
5	M102	X	0	0	0	%100
6	M102	Z	-.655	-.655	0	%100
7	M103	X	0	0	0	%100
8	M103	Z	-1.306	-1.306	0	%100
9	M106	X	0	0	0	%100
10	M106	Z	-.181	-.181	0	%100
11	M107	X	0	0	0	%100
12	M107	Z	-.181	-.181	0	%100
13	M111	X	0	0	0	%100
14	M111	Z	0	0	0	%100
15	M112	X	0	0	0	%100
16	M112	Z	-.333	-.333	0	%100
17	M114	X	0	0	0	%100
18	M114	Z	-.35	-.35	0	%100
19	M116	X	0	0	0	%100
20	M116	Z	0	0	0	%100
21	M117	X	0	0	0	%100
22	M117	Z	-.333	-.333	0	%100
23	M119	X	0	0	0	%100
24	M119	Z	-.35	-.35	0	%100
25	M124	X	0	0	0	%100
26	M124	Z	-.58	-.58	0	%100
27	M125	X	0	0	0	%100
28	M125	Z	-.164	-.164	0	%100
29	M126	X	0	0	0	%100
30	M126	Z	-.164	-.164	0	%100
31	M127	X	0	0	0	%100
32	M127	Z	-.327	-.327	0	%100
33	M130	X	0	0	0	%100
34	M130	Z	-.181	-.181	0	%100
35	M131	X	0	0	0	%100
36	M131	Z	-.725	-.725	0	%100
37	M135	X	0	0	0	%100
38	M135	Z	-.98	-.98	0	%100
39	M136	X	0	0	0	%100
40	M136	Z	-.333	-.333	0	%100
41	M138	X	0	0	0	%100
42	M138	Z	-.35	-.35	0	%100
43	M140	X	0	0	0	%100
44	M140	Z	-.98	-.98	0	%100
45	M141	X	0	0	0	%100
46	M141	Z	-1.33	-1.33	0	%100
47	M143	X	0	0	0	%100
48	M143	Z	-1.401	-1.401	0	%100
49	M148	X	0	0	0	%100
50	M148	Z	-.58	-.58	0	%100
51	M149	X	0	0	0	%100
52	M149	Z	-.164	-.164	0	%100
53	M150	X	0	0	0	%100
54	M150	Z	-.164	-.164	0	%100
55	M151	X	0	0	0	%100
56	M151	Z	-.327	-.327	0	%100
57	M154	X	0	0	0	%100
58	M154	Z	-.725	-.725	0	%100
59	M155	X	0	0	0	%100
60	M155	Z	-.181	-.181	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f...	End Location[ft...
61	M159	X	0	0	0	%100
62	M159	Z	-.98	-.98	0	%100
63	M160	X	0	0	0	%100
64	M160	Z	-1.33	-1.33	0	%100
65	M162	X	0	0	0	%100
66	M162	Z	-1.401	-1.401	0	%100
67	M164	X	0	0	0	%100
68	M164	Z	-.98	-.98	0	%100
69	M165	X	0	0	0	%100
70	M165	Z	-.333	-.333	0	%100
71	M167	X	0	0	0	%100
72	M167	Z	-.35	-.35	0	%100
73	M172	X	0	0	0	%100
74	M172	Z	-.762	-.762	0	%100
75	MP1A	X	0	0	0	%100
76	MP1A	Z	-.517	-.517	0	%100
77	M82	X	0	0	0	%100
78	M82	Z	-.517	-.517	0	%100
79	M87	X	0	0	0	%100
80	M87	Z	-.129	-.129	0	%100
81	M88	X	0	0	0	%100
82	M88	Z	-.129	-.129	0	%100
83	MP2A	X	0	0	0	%100
84	MP2A	Z	-.517	-.517	0	%100
85	MP3A	X	0	0	0	%100
86	MP3A	Z	-.626	-.626	0	%100
87	MP4A	X	0	0	0	%100
88	MP4A	Z	-.517	-.517	0	%100
89	MP1C	X	0	0	0	%100
90	MP1C	Z	-.517	-.517	0	%100
91	MP2C	X	0	0	0	%100
92	MP2C	Z	-.517	-.517	0	%100
93	MP3C	X	0	0	0	%100
94	MP3C	Z	-.626	-.626	0	%100
95	MP4C	X	0	0	0	%100
96	MP4C	Z	-.517	-.517	0	%100
97	MP1B	X	0	0	0	%100
98	MP1B	Z	-.517	-.517	0	%100
99	MP2B	X	0	0	0	%100
100	MP2B	Z	-.517	-.517	0	%100
101	MP3B	X	0	0	0	%100
102	MP3B	Z	-.626	-.626	0	%100
103	MP4B	X	0	0	0	%100
104	MP4B	Z	-.517	-.517	0	%100
105	M125A	X	0	0	0	%100
106	M125A	Z	-.19	-.19	0	%100
107	M126A	X	0	0	0	%100
108	M126A	Z	-.19	-.19	0	%100
109	M127A	X	0	0	0	%100
110	M127A	Z	-.619	-.619	0	%100
111	M128A	X	0	0	0	%100
112	M128A	Z	-.155	-.155	0	%100
113	M129A	X	0	0	0	%100
114	M129A	Z	-.155	-.155	0	%100
115	OVP2	X	0	0	0	%100
116	OVP2	Z	-.423	-.423	0	%100
117	OVP1	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
118	OVP1	Z	-.423	-.423	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
1	M100	X	.097	.097	0	%100
2	M100	Z	-.168	-.168	0	%100
3	M101	X	.246	.246	0	%100
4	M101	Z	-.425	-.425	0	%100
5	M102	X	.246	.246	0	%100
6	M102	Z	-.425	-.425	0	%100
7	M103	X	.49	.49	0	%100
8	M103	Z	-.848	-.848	0	%100
9	M106	X	.272	.272	0	%100
10	M106	Z	-.471	-.471	0	%100
11	M107	X	0	0	0	%100
12	M107	Z	0	0	0	%100
13	M111	X	.163	.163	0	%100
14	M111	Z	-.283	-.283	0	%100
15	M112	X	.499	.499	0	%100
16	M112	Z	-.864	-.864	0	%100
17	M114	X	.525	.525	0	%100
18	M114	Z	-.91	-.91	0	%100
19	M116	X	.163	.163	0	%100
20	M116	Z	-.283	-.283	0	%100
21	M117	X	0	0	0	%100
22	M117	Z	0	0	0	%100
23	M119	X	0	0	0	%100
24	M119	Z	0	0	0	%100
25	M124	X	.097	.097	0	%100
26	M124	Z	-.168	-.168	0	%100
27	M125	X	.246	.246	0	%100
28	M125	Z	-.425	-.425	0	%100
29	M126	X	.246	.246	0	%100
30	M126	Z	-.425	-.425	0	%100
31	M127	X	.49	.49	0	%100
32	M127	Z	-.848	-.848	0	%100
33	M130	X	0	0	0	%100
34	M130	Z	0	0	0	%100
35	M131	X	.272	.272	0	%100
36	M131	Z	-.471	-.471	0	%100
37	M135	X	.163	.163	0	%100
38	M135	Z	-.283	-.283	0	%100
39	M136	X	0	0	0	%100
40	M136	Z	0	0	0	%100
41	M138	X	0	0	0	%100
42	M138	Z	0	0	0	%100
43	M140	X	.163	.163	0	%100
44	M140	Z	-.283	-.283	0	%100
45	M141	X	.499	.499	0	%100
46	M141	Z	-.864	-.864	0	%100
47	M143	X	.525	.525	0	%100
48	M143	Z	-.91	-.91	0	%100
49	M148	X	.387	.387	0	%100
50	M148	Z	-.67	-.67	0	%100
51	M149	X	0	0	0	%100
52	M149	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f...	End Location[ft...
53	M150	X	0	0	0	%100
54	M150	Z	0	0	0	%100
55	M151	X	0	0	0	%100
56	M151	Z	0	0	0	%100
57	M154	X	.272	.272	0	%100
58	M154	Z	-.471	-.471	0	%100
59	M155	X	.272	.272	0	%100
60	M155	Z	-.471	-.471	0	%100
61	M159	X	.653	.653	0	%100
62	M159	Z	-1.131	-1.131	0	%100
63	M160	X	.499	.499	0	%100
64	M160	Z	-.864	-.864	0	%100
65	M162	X	.525	.525	0	%100
66	M162	Z	-.91	-.91	0	%100
67	M164	X	.653	.653	0	%100
68	M164	Z	-1.131	-1.131	0	%100
69	M165	X	.499	.499	0	%100
70	M165	Z	-.864	-.864	0	%100
71	M167	X	.525	.525	0	%100
72	M167	Z	-.91	-.91	0	%100
73	M172	X	.286	.286	0	%100
74	M172	Z	-.495	-.495	0	%100
75	MP1A	X	.258	.258	0	%100
76	MP1A	Z	-.448	-.448	0	%100
77	M82	X	.194	.194	0	%100
78	M82	Z	-.336	-.336	0	%100
79	M87	X	.194	.194	0	%100
80	M87	Z	-.336	-.336	0	%100
81	M88	X	0	0	0	%100
82	M88	Z	0	0	0	%100
83	MP2A	X	.258	.258	0	%100
84	MP2A	Z	-.448	-.448	0	%100
85	MP3A	X	.313	.313	0	%100
86	MP3A	Z	-.542	-.542	0	%100
87	MP4A	X	.258	.258	0	%100
88	MP4A	Z	-.448	-.448	0	%100
89	MP1C	X	.258	.258	0	%100
90	MP1C	Z	-.448	-.448	0	%100
91	MP2C	X	.258	.258	0	%100
92	MP2C	Z	-.448	-.448	0	%100
93	MP3C	X	.313	.313	0	%100
94	MP3C	Z	-.542	-.542	0	%100
95	MP4C	X	.258	.258	0	%100
96	MP4C	Z	-.448	-.448	0	%100
97	MP1B	X	.258	.258	0	%100
98	MP1B	Z	-.448	-.448	0	%100
99	MP2B	X	.258	.258	0	%100
100	MP2B	Z	-.448	-.448	0	%100
101	MP3B	X	.313	.313	0	%100
102	MP3B	Z	-.542	-.542	0	%100
103	MP4B	X	.258	.258	0	%100
104	MP4B	Z	-.448	-.448	0	%100
105	M125A	X	.286	.286	0	%100
106	M125A	Z	-.495	-.495	0	%100
107	M126A	X	0	0	0	%100
108	M126A	Z	0	0	0	%100
109	M127A	X	.232	.232	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
110	M127A	Z	-.402	-.402	0	%100
111	M128A	X	.232	.232	0	%100
112	M128A	Z	-.402	-.402	0	%100
113	M129A	X	0	0	0	%100
114	M129A	Z	0	0	0	%100
115	OVP2	X	.211	.211	0	%100
116	OVP2	Z	-.366	-.366	0	%100
117	OVP1	X	.211	.211	0	%100
118	OVP1	Z	-.366	-.366	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
1	M100	X	.503	.503	0	%100
2	M100	Z	-.29	-.29	0	%100
3	M101	X	.142	.142	0	%100
4	M101	Z	-.082	-.082	0	%100
5	M102	X	.142	.142	0	%100
6	M102	Z	-.082	-.082	0	%100
7	M103	X	.283	.283	0	%100
8	M103	Z	-.163	-.163	0	%100
9	M106	X	.628	.628	0	%100
10	M106	Z	-.363	-.363	0	%100
11	M107	X	.157	.157	0	%100
12	M107	Z	-.091	-.091	0	%100
13	M111	X	.848	.848	0	%100
14	M111	Z	-.49	-.49	0	%100
15	M112	X	1.152	1.152	0	%100
16	M112	Z	-.665	-.665	0	%100
17	M114	X	1.213	1.213	0	%100
18	M114	Z	-.701	-.701	0	%100
19	M116	X	.848	.848	0	%100
20	M116	Z	-.49	-.49	0	%100
21	M117	X	.288	.288	0	%100
22	M117	Z	-.166	-.166	0	%100
23	M119	X	.303	.303	0	%100
24	M119	Z	-.175	-.175	0	%100
25	M124	X	0	0	0	%100
26	M124	Z	0	0	0	%100
27	M125	X	.567	.567	0	%100
28	M125	Z	-.327	-.327	0	%100
29	M126	X	.567	.567	0	%100
30	M126	Z	-.327	-.327	0	%100
31	M127	X	1.131	1.131	0	%100
32	M127	Z	-.653	-.653	0	%100
33	M130	X	.157	.157	0	%100
34	M130	Z	-.091	-.091	0	%100
35	M131	X	.157	.157	0	%100
36	M131	Z	-.091	-.091	0	%100
37	M135	X	0	0	0	%100
38	M135	Z	0	0	0	%100
39	M136	X	.288	.288	0	%100
40	M136	Z	-.166	-.166	0	%100
41	M138	X	.303	.303	0	%100
42	M138	Z	-.175	-.175	0	%100
43	M140	X	0	0	0	%100
44	M140	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f...	End Location[ft...
45	M141	X	.288	.288	0	%100
46	M141	Z	-.166	-.166	0	%100
47	M143	X	.303	.303	0	%100
48	M143	Z	-.175	-.175	0	%100
49	M148	X	.503	.503	0	%100
50	M148	Z	-.29	-.29	0	%100
51	M149	X	.142	.142	0	%100
52	M149	Z	-.082	-.082	0	%100
53	M150	X	.142	.142	0	%100
54	M150	Z	-.082	-.082	0	%100
55	M151	X	.283	.283	0	%100
56	M151	Z	-.163	-.163	0	%100
57	M154	X	.157	.157	0	%100
58	M154	Z	-.091	-.091	0	%100
59	M155	X	.628	.628	0	%100
60	M155	Z	-.363	-.363	0	%100
61	M159	X	.848	.848	0	%100
62	M159	Z	-.49	-.49	0	%100
63	M160	X	.288	.288	0	%100
64	M160	Z	-.166	-.166	0	%100
65	M162	X	.303	.303	0	%100
66	M162	Z	-.175	-.175	0	%100
67	M164	X	.848	.848	0	%100
68	M164	Z	-.49	-.49	0	%100
69	M165	X	1.152	1.152	0	%100
70	M165	Z	-.665	-.665	0	%100
71	M167	X	1.213	1.213	0	%100
72	M167	Z	-.701	-.701	0	%100
73	M172	X	.165	.165	0	%100
74	M172	Z	-.095	-.095	0	%100
75	MP1A	X	.448	.448	0	%100
76	MP1A	Z	-.258	-.258	0	%100
77	M82	X	.112	.112	0	%100
78	M82	Z	-.065	-.065	0	%100
79	M87	X	.448	.448	0	%100
80	M87	Z	-.258	-.258	0	%100
81	M88	X	.112	.112	0	%100
82	M88	Z	-.065	-.065	0	%100
83	MP2A	X	.448	.448	0	%100
84	MP2A	Z	-.258	-.258	0	%100
85	MP3A	X	.542	.542	0	%100
86	MP3A	Z	-.313	-.313	0	%100
87	MP4A	X	.448	.448	0	%100
88	MP4A	Z	-.258	-.258	0	%100
89	MP1C	X	.448	.448	0	%100
90	MP1C	Z	-.258	-.258	0	%100
91	MP2C	X	.448	.448	0	%100
92	MP2C	Z	-.258	-.258	0	%100
93	MP3C	X	.542	.542	0	%100
94	MP3C	Z	-.313	-.313	0	%100
95	MP4C	X	.448	.448	0	%100
96	MP4C	Z	-.258	-.258	0	%100
97	MP1B	X	.448	.448	0	%100
98	MP1B	Z	-.258	-.258	0	%100
99	MP2B	X	.448	.448	0	%100
100	MP2B	Z	-.258	-.258	0	%100
101	MP3B	X	.542	.542	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
102	MP3B	Z	-.313	-.313	0	%100
103	MP4B	X	.448	.448	0	%100
104	MP4B	Z	-.258	-.258	0	%100
105	M125A	X	.66	.66	0	%100
106	M125A	Z	-.381	-.381	0	%100
107	M126A	X	.165	.165	0	%100
108	M126A	Z	-.095	-.095	0	%100
109	M127A	X	.134	.134	0	%100
110	M127A	Z	-.077	-.077	0	%100
111	M128A	X	.536	.536	0	%100
112	M128A	Z	-.31	-.31	0	%100
113	M129A	X	.134	.134	0	%100
114	M129A	Z	-.077	-.077	0	%100
115	OVP2	X	.366	.366	0	%100
116	OVP2	Z	-.211	-.211	0	%100
117	OVP1	X	.366	.366	0	%100
118	OVP1	Z	-.211	-.211	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
1	M100	X	.774	.774	0	%100
2	M100	Z	0	0	0	%100
3	M101	X	0	0	0	%100
4	M101	Z	0	0	0	%100
5	M102	X	0	0	0	%100
6	M102	Z	0	0	0	%100
7	M103	X	0	0	0	%100
8	M103	Z	0	0	0	%100
9	M106	X	.544	.544	0	%100
10	M106	Z	0	0	0	%100
11	M107	X	.544	.544	0	%100
12	M107	Z	0	0	0	%100
13	M111	X	1.306	1.306	0	%100
14	M111	Z	0	0	0	%100
15	M112	X	.998	.998	0	%100
16	M112	Z	0	0	0	%100
17	M114	X	1.051	1.051	0	%100
18	M114	Z	0	0	0	%100
19	M116	X	1.306	1.306	0	%100
20	M116	Z	0	0	0	%100
21	M117	X	.998	.998	0	%100
22	M117	Z	0	0	0	%100
23	M119	X	1.051	1.051	0	%100
24	M119	Z	0	0	0	%100
25	M124	X	.193	.193	0	%100
26	M124	Z	0	0	0	%100
27	M125	X	.491	.491	0	%100
28	M125	Z	0	0	0	%100
29	M126	X	.491	.491	0	%100
30	M126	Z	0	0	0	%100
31	M127	X	.98	.98	0	%100
32	M127	Z	0	0	0	%100
33	M130	X	.544	.544	0	%100
34	M130	Z	0	0	0	%100
35	M131	X	0	0	0	%100
36	M131	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f...	End Location[ft...
37	M135	X	.327	.327	0	%100
38	M135	Z	0	0	0	%100
39	M136	X	.998	.998	0	%100
40	M136	Z	0	0	0	%100
41	M138	X	1.051	1.051	0	%100
42	M138	Z	0	0	0	%100
43	M140	X	.327	.327	0	%100
44	M140	Z	0	0	0	%100
45	M141	X	0	0	0	%100
46	M141	Z	0	0	0	%100
47	M143	X	0	0	0	%100
48	M143	Z	0	0	0	%100
49	M148	X	.193	.193	0	%100
50	M148	Z	0	0	0	%100
51	M149	X	.491	.491	0	%100
52	M149	Z	0	0	0	%100
53	M150	X	.491	.491	0	%100
54	M150	Z	0	0	0	%100
55	M151	X	.98	.98	0	%100
56	M151	Z	0	0	0	%100
57	M154	X	0	0	0	%100
58	M154	Z	0	0	0	%100
59	M155	X	.544	.544	0	%100
60	M155	Z	0	0	0	%100
61	M159	X	.327	.327	0	%100
62	M159	Z	0	0	0	%100
63	M160	X	0	0	0	%100
64	M160	Z	0	0	0	%100
65	M162	X	0	0	0	%100
66	M162	Z	0	0	0	%100
67	M164	X	.327	.327	0	%100
68	M164	Z	0	0	0	%100
69	M165	X	.998	.998	0	%100
70	M165	Z	0	0	0	%100
71	M167	X	1.051	1.051	0	%100
72	M167	Z	0	0	0	%100
73	M172	X	0	0	0	%100
74	M172	Z	0	0	0	%100
75	MP1A	X	.517	.517	0	%100
76	MP1A	Z	0	0	0	%100
77	M82	X	0	0	0	%100
78	M82	Z	0	0	0	%100
79	M87	X	.388	.388	0	%100
80	M87	Z	0	0	0	%100
81	M88	X	.388	.388	0	%100
82	M88	Z	0	0	0	%100
83	MP2A	X	.517	.517	0	%100
84	MP2A	Z	0	0	0	%100
85	MP3A	X	.626	.626	0	%100
86	MP3A	Z	0	0	0	%100
87	MP4A	X	.517	.517	0	%100
88	MP4A	Z	0	0	0	%100
89	MP1C	X	.517	.517	0	%100
90	MP1C	Z	0	0	0	%100
91	MP2C	X	.517	.517	0	%100
92	MP2C	Z	0	0	0	%100
93	MP3C	X	.626	.626	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
94	MP3C	Z	0	0	0	%100
95	MP4C	X	.517	.517	0	%100
96	MP4C	Z	0	0	0	%100
97	MP1B	X	.517	.517	0	%100
98	MP1B	Z	0	0	0	%100
99	MP2B	X	.517	.517	0	%100
100	MP2B	Z	0	0	0	%100
101	MP3B	X	.626	.626	0	%100
102	MP3B	Z	0	0	0	%100
103	MP4B	X	.517	.517	0	%100
104	MP4B	Z	0	0	0	%100
105	M125A	X	.571	.571	0	%100
106	M125A	Z	0	0	0	%100
107	M126A	X	.571	.571	0	%100
108	M126A	Z	0	0	0	%100
109	M127A	X	0	0	0	%100
110	M127A	Z	0	0	0	%100
111	M128A	X	.464	.464	0	%100
112	M128A	Z	0	0	0	%100
113	M129A	X	.464	.464	0	%100
114	M129A	Z	0	0	0	%100
115	OVP2	X	.423	.423	0	%100
116	OVP2	Z	0	0	0	%100
117	OVP1	X	.423	.423	0	%100
118	OVP1	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
1	M100	X	.503	.503	0	%100
2	M100	Z	.29	.29	0	%100
3	M101	X	.142	.142	0	%100
4	M101	Z	.082	.082	0	%100
5	M102	X	.142	.142	0	%100
6	M102	Z	.082	.082	0	%100
7	M103	X	.283	.283	0	%100
8	M103	Z	.163	.163	0	%100
9	M106	X	.157	.157	0	%100
10	M106	Z	.091	.091	0	%100
11	M107	X	.628	.628	0	%100
12	M107	Z	.363	.363	0	%100
13	M111	X	.848	.848	0	%100
14	M111	Z	.49	.49	0	%100
15	M112	X	.288	.288	0	%100
16	M112	Z	.166	.166	0	%100
17	M114	X	.303	.303	0	%100
18	M114	Z	.175	.175	0	%100
19	M116	X	.848	.848	0	%100
20	M116	Z	.49	.49	0	%100
21	M117	X	1.152	1.152	0	%100
22	M117	Z	.665	.665	0	%100
23	M119	X	1.213	1.213	0	%100
24	M119	Z	.701	.701	0	%100
25	M124	X	.503	.503	0	%100
26	M124	Z	.29	.29	0	%100
27	M125	X	.142	.142	0	%100
28	M125	Z	.082	.082	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f...	End Location[ft...
29	M126	X	.142	.142	0	%100
30	M126	Z	.082	.082	0	%100
31	M127	X	.283	.283	0	%100
32	M127	Z	.163	.163	0	%100
33	M130	X	.628	.628	0	%100
34	M130	Z	.363	.363	0	%100
35	M131	X	.157	.157	0	%100
36	M131	Z	.091	.091	0	%100
37	M135	X	.848	.848	0	%100
38	M135	Z	.49	.49	0	%100
39	M136	X	1.152	1.152	0	%100
40	M136	Z	.665	.665	0	%100
41	M138	X	1.213	1.213	0	%100
42	M138	Z	.701	.701	0	%100
43	M140	X	.848	.848	0	%100
44	M140	Z	.49	.49	0	%100
45	M141	X	.288	.288	0	%100
46	M141	Z	.166	.166	0	%100
47	M143	X	.303	.303	0	%100
48	M143	Z	.175	.175	0	%100
49	M148	X	0	0	0	%100
50	M148	Z	0	0	0	%100
51	M149	X	.567	.567	0	%100
52	M149	Z	.327	.327	0	%100
53	M150	X	.567	.567	0	%100
54	M150	Z	.327	.327	0	%100
55	M151	X	1.131	1.131	0	%100
56	M151	Z	.653	.653	0	%100
57	M154	X	.157	.157	0	%100
58	M154	Z	.091	.091	0	%100
59	M155	X	.157	.157	0	%100
60	M155	Z	.091	.091	0	%100
61	M159	X	0	0	0	%100
62	M159	Z	0	0	0	%100
63	M160	X	.288	.288	0	%100
64	M160	Z	.166	.166	0	%100
65	M162	X	.303	.303	0	%100
66	M162	Z	.175	.175	0	%100
67	M164	X	0	0	0	%100
68	M164	Z	0	0	0	%100
69	M165	X	.288	.288	0	%100
70	M165	Z	.166	.166	0	%100
71	M167	X	.303	.303	0	%100
72	M167	Z	.175	.175	0	%100
73	M172	X	.165	.165	0	%100
74	M172	Z	.095	.095	0	%100
75	MP1A	X	.448	.448	0	%100
76	MP1A	Z	.258	.258	0	%100
77	M82	X	.112	.112	0	%100
78	M82	Z	.065	.065	0	%100
79	M87	X	.112	.112	0	%100
80	M87	Z	.065	.065	0	%100
81	M88	X	.448	.448	0	%100
82	M88	Z	.258	.258	0	%100
83	MP2A	X	.448	.448	0	%100
84	MP2A	Z	.258	.258	0	%100
85	MP3A	X	.542	.542	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
86	MP3A	Z	.313	.313	0	%100
87	MP4A	X	.448	.448	0	%100
88	MP4A	Z	.258	.258	0	%100
89	MP1C	X	.448	.448	0	%100
90	MP1C	Z	.258	.258	0	%100
91	MP2C	X	.448	.448	0	%100
92	MP2C	Z	.258	.258	0	%100
93	MP3C	X	.542	.542	0	%100
94	MP3C	Z	.313	.313	0	%100
95	MP4C	X	.448	.448	0	%100
96	MP4C	Z	.258	.258	0	%100
97	MP1B	X	.448	.448	0	%100
98	MP1B	Z	.258	.258	0	%100
99	MP2B	X	.448	.448	0	%100
100	MP2B	Z	.258	.258	0	%100
101	MP3B	X	.542	.542	0	%100
102	MP3B	Z	.313	.313	0	%100
103	MP4B	X	.448	.448	0	%100
104	MP4B	Z	.258	.258	0	%100
105	M125A	X	.165	.165	0	%100
106	M125A	Z	.095	.095	0	%100
107	M126A	X	.66	.66	0	%100
108	M126A	Z	.381	.381	0	%100
109	M127A	X	.134	.134	0	%100
110	M127A	Z	.077	.077	0	%100
111	M128A	X	.134	.134	0	%100
112	M128A	Z	.077	.077	0	%100
113	M129A	X	.536	.536	0	%100
114	M129A	Z	.31	.31	0	%100
115	OVP2	X	.366	.366	0	%100
116	OVP2	Z	.211	.211	0	%100
117	OVP1	X	.366	.366	0	%100
118	OVP1	Z	.211	.211	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
1	M100	X	.097	.097	0	%100
2	M100	Z	.168	.168	0	%100
3	M101	X	.246	.246	0	%100
4	M101	Z	.425	.425	0	%100
5	M102	X	.246	.246	0	%100
6	M102	Z	.425	.425	0	%100
7	M103	X	.49	.49	0	%100
8	M103	Z	.848	.848	0	%100
9	M106	X	0	0	0	%100
10	M106	Z	0	0	0	%100
11	M107	X	.272	.272	0	%100
12	M107	Z	.471	.471	0	%100
13	M111	X	.163	.163	0	%100
14	M111	Z	.283	.283	0	%100
15	M112	X	0	0	0	%100
16	M112	Z	0	0	0	%100
17	M114	X	0	0	0	%100
18	M114	Z	0	0	0	%100
19	M116	X	.163	.163	0	%100
20	M116	Z	.283	.283	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f...	End Location[ft...
21	M117	X	.499	.499	0	%100
22	M117	Z	.864	.864	0	%100
23	M119	X	.525	.525	0	%100
24	M119	Z	.91	.91	0	%100
25	M124	X	.387	.387	0	%100
26	M124	Z	.67	.67	0	%100
27	M125	X	0	0	0	%100
28	M125	Z	0	0	0	%100
29	M126	X	0	0	0	%100
30	M126	Z	0	0	0	%100
31	M127	X	0	0	0	%100
32	M127	Z	0	0	0	%100
33	M130	X	.272	.272	0	%100
34	M130	Z	.471	.471	0	%100
35	M131	X	.272	.272	0	%100
36	M131	Z	.471	.471	0	%100
37	M135	X	.653	.653	0	%100
38	M135	Z	1.131	1.131	0	%100
39	M136	X	.499	.499	0	%100
40	M136	Z	.864	.864	0	%100
41	M138	X	.525	.525	0	%100
42	M138	Z	.91	.91	0	%100
43	M140	X	.653	.653	0	%100
44	M140	Z	1.131	1.131	0	%100
45	M141	X	.499	.499	0	%100
46	M141	Z	.864	.864	0	%100
47	M143	X	.525	.525	0	%100
48	M143	Z	.91	.91	0	%100
49	M148	X	.097	.097	0	%100
50	M148	Z	.168	.168	0	%100
51	M149	X	.246	.246	0	%100
52	M149	Z	.425	.425	0	%100
53	M150	X	.246	.246	0	%100
54	M150	Z	.425	.425	0	%100
55	M151	X	.49	.49	0	%100
56	M151	Z	.848	.848	0	%100
57	M154	X	.272	.272	0	%100
58	M154	Z	.471	.471	0	%100
59	M155	X	0	0	0	%100
60	M155	Z	0	0	0	%100
61	M159	X	.163	.163	0	%100
62	M159	Z	.283	.283	0	%100
63	M160	X	.499	.499	0	%100
64	M160	Z	.864	.864	0	%100
65	M162	X	.525	.525	0	%100
66	M162	Z	.91	.91	0	%100
67	M164	X	.163	.163	0	%100
68	M164	Z	.283	.283	0	%100
69	M165	X	0	0	0	%100
70	M165	Z	0	0	0	%100
71	M167	X	0	0	0	%100
72	M167	Z	0	0	0	%100
73	M172	X	.286	.286	0	%100
74	M172	Z	.495	.495	0	%100
75	MP1A	X	.258	.258	0	%100
76	MP1A	Z	.448	.448	0	%100
77	M82	X	.194	.194	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
78	M82	Z	.336	.336	0	%100
79	M87	X	0	0	0	%100
80	M87	Z	0	0	0	%100
81	M88	X	.194	.194	0	%100
82	M88	Z	.336	.336	0	%100
83	MP2A	X	.258	.258	0	%100
84	MP2A	Z	.448	.448	0	%100
85	MP3A	X	.313	.313	0	%100
86	MP3A	Z	.542	.542	0	%100
87	MP4A	X	.258	.258	0	%100
88	MP4A	Z	.448	.448	0	%100
89	MP1C	X	.258	.258	0	%100
90	MP1C	Z	.448	.448	0	%100
91	MP2C	X	.258	.258	0	%100
92	MP2C	Z	.448	.448	0	%100
93	MP3C	X	.313	.313	0	%100
94	MP3C	Z	.542	.542	0	%100
95	MP4C	X	.258	.258	0	%100
96	MP4C	Z	.448	.448	0	%100
97	MP1B	X	.258	.258	0	%100
98	MP1B	Z	.448	.448	0	%100
99	MP2B	X	.258	.258	0	%100
100	MP2B	Z	.448	.448	0	%100
101	MP3B	X	.313	.313	0	%100
102	MP3B	Z	.542	.542	0	%100
103	MP4B	X	.258	.258	0	%100
104	MP4B	Z	.448	.448	0	%100
105	M125A	X	0	0	0	%100
106	M125A	Z	0	0	0	%100
107	M126A	X	.286	.286	0	%100
108	M126A	Z	.495	.495	0	%100
109	M127A	X	.232	.232	0	%100
110	M127A	Z	.402	.402	0	%100
111	M128A	X	0	0	0	%100
112	M128A	Z	0	0	0	%100
113	M129A	X	.232	.232	0	%100
114	M129A	Z	.402	.402	0	%100
115	OVP2	X	.211	.211	0	%100
116	OVP2	Z	.366	.366	0	%100
117	OVP1	X	.211	.211	0	%100
118	OVP1	Z	.366	.366	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
1	M100	X	0	0	0	%100
2	M100	Z	0	0	0	%100
3	M101	X	0	0	0	%100
4	M101	Z	.655	.655	0	%100
5	M102	X	0	0	0	%100
6	M102	Z	.655	.655	0	%100
7	M103	X	0	0	0	%100
8	M103	Z	1.306	1.306	0	%100
9	M106	X	0	0	0	%100
10	M106	Z	.181	.181	0	%100
11	M107	X	0	0	0	%100
12	M107	Z	.181	.181	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f...	End Location[ft...
13	M111	X	0	0	0	%100
14	M111	Z	0	0	0	%100
15	M112	X	0	0	0	%100
16	M112	Z	.333	.333	0	%100
17	M114	X	0	0	0	%100
18	M114	Z	.35	.35	0	%100
19	M116	X	0	0	0	%100
20	M116	Z	0	0	0	%100
21	M117	X	0	0	0	%100
22	M117	Z	.333	.333	0	%100
23	M119	X	0	0	0	%100
24	M119	Z	.35	.35	0	%100
25	M124	X	0	0	0	%100
26	M124	Z	.58	.58	0	%100
27	M125	X	0	0	0	%100
28	M125	Z	.164	.164	0	%100
29	M126	X	0	0	0	%100
30	M126	Z	.164	.164	0	%100
31	M127	X	0	0	0	%100
32	M127	Z	.327	.327	0	%100
33	M130	X	0	0	0	%100
34	M130	Z	.181	.181	0	%100
35	M131	X	0	0	0	%100
36	M131	Z	.725	.725	0	%100
37	M135	X	0	0	0	%100
38	M135	Z	.98	.98	0	%100
39	M136	X	0	0	0	%100
40	M136	Z	.333	.333	0	%100
41	M138	X	0	0	0	%100
42	M138	Z	.35	.35	0	%100
43	M140	X	0	0	0	%100
44	M140	Z	.98	.98	0	%100
45	M141	X	0	0	0	%100
46	M141	Z	1.33	1.33	0	%100
47	M143	X	0	0	0	%100
48	M143	Z	1.401	1.401	0	%100
49	M148	X	0	0	0	%100
50	M148	Z	.58	.58	0	%100
51	M149	X	0	0	0	%100
52	M149	Z	.164	.164	0	%100
53	M150	X	0	0	0	%100
54	M150	Z	.164	.164	0	%100
55	M151	X	0	0	0	%100
56	M151	Z	.327	.327	0	%100
57	M154	X	0	0	0	%100
58	M154	Z	.725	.725	0	%100
59	M155	X	0	0	0	%100
60	M155	Z	.181	.181	0	%100
61	M159	X	0	0	0	%100
62	M159	Z	.98	.98	0	%100
63	M160	X	0	0	0	%100
64	M160	Z	1.33	1.33	0	%100
65	M162	X	0	0	0	%100
66	M162	Z	1.401	1.401	0	%100
67	M164	X	0	0	0	%100
68	M164	Z	.98	.98	0	%100
69	M165	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f...	End Location[ft...
70	M165	Z	.333	.333	0	%100
71	M167	X	0	0	0	%100
72	M167	Z	.35	.35	0	%100
73	M172	X	0	0	0	%100
74	M172	Z	.762	.762	0	%100
75	MP1A	X	0	0	0	%100
76	MP1A	Z	.517	.517	0	%100
77	M82	X	0	0	0	%100
78	M82	Z	.517	.517	0	%100
79	M87	X	0	0	0	%100
80	M87	Z	.129	.129	0	%100
81	M88	X	0	0	0	%100
82	M88	Z	.129	.129	0	%100
83	MP2A	X	0	0	0	%100
84	MP2A	Z	.517	.517	0	%100
85	MP3A	X	0	0	0	%100
86	MP3A	Z	.626	.626	0	%100
87	MP4A	X	0	0	0	%100
88	MP4A	Z	.517	.517	0	%100
89	MP1C	X	0	0	0	%100
90	MP1C	Z	.517	.517	0	%100
91	MP2C	X	0	0	0	%100
92	MP2C	Z	.517	.517	0	%100
93	MP3C	X	0	0	0	%100
94	MP3C	Z	.626	.626	0	%100
95	MP4C	X	0	0	0	%100
96	MP4C	Z	.517	.517	0	%100
97	MP1B	X	0	0	0	%100
98	MP1B	Z	.517	.517	0	%100
99	MP2B	X	0	0	0	%100
100	MP2B	Z	.517	.517	0	%100
101	MP3B	X	0	0	0	%100
102	MP3B	Z	.626	.626	0	%100
103	MP4B	X	0	0	0	%100
104	MP4B	Z	.517	.517	0	%100
105	M125A	X	0	0	0	%100
106	M125A	Z	.19	.19	0	%100
107	M126A	X	0	0	0	%100
108	M126A	Z	.19	.19	0	%100
109	M127A	X	0	0	0	%100
110	M127A	Z	.619	.619	0	%100
111	M128A	X	0	0	0	%100
112	M128A	Z	.155	.155	0	%100
113	M129A	X	0	0	0	%100
114	M129A	Z	.155	.155	0	%100
115	OVP2	X	0	0	0	%100
116	OVP2	Z	.423	.423	0	%100
117	OVP1	X	0	0	0	%100
118	OVP1	Z	.423	.423	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f...	End Location[ft...
1	M100	X	-.097	-.097	0	%100
2	M100	Z	.168	.168	0	%100
3	M101	X	-.246	-.246	0	%100
4	M101	Z	.425	.425	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f...	End Location[ft...
5	M102	X	-.246	-.246	0	%100
6	M102	Z	.425	.425	0	%100
7	M103	X	-.49	-.49	0	%100
8	M103	Z	.848	.848	0	%100
9	M106	X	-.272	-.272	0	%100
10	M106	Z	.471	.471	0	%100
11	M107	X	0	0	0	%100
12	M107	Z	0	0	0	%100
13	M111	X	-.163	-.163	0	%100
14	M111	Z	.283	.283	0	%100
15	M112	X	-.499	-.499	0	%100
16	M112	Z	.864	.864	0	%100
17	M114	X	-.525	-.525	0	%100
18	M114	Z	.91	.91	0	%100
19	M116	X	-.163	-.163	0	%100
20	M116	Z	.283	.283	0	%100
21	M117	X	0	0	0	%100
22	M117	Z	0	0	0	%100
23	M119	X	0	0	0	%100
24	M119	Z	0	0	0	%100
25	M124	X	-.097	-.097	0	%100
26	M124	Z	.168	.168	0	%100
27	M125	X	-.246	-.246	0	%100
28	M125	Z	.425	.425	0	%100
29	M126	X	-.246	-.246	0	%100
30	M126	Z	.425	.425	0	%100
31	M127	X	-.49	-.49	0	%100
32	M127	Z	.848	.848	0	%100
33	M130	X	0	0	0	%100
34	M130	Z	0	0	0	%100
35	M131	X	-.272	-.272	0	%100
36	M131	Z	.471	.471	0	%100
37	M135	X	-.163	-.163	0	%100
38	M135	Z	.283	.283	0	%100
39	M136	X	0	0	0	%100
40	M136	Z	0	0	0	%100
41	M138	X	0	0	0	%100
42	M138	Z	0	0	0	%100
43	M140	X	-.163	-.163	0	%100
44	M140	Z	.283	.283	0	%100
45	M141	X	-.499	-.499	0	%100
46	M141	Z	.864	.864	0	%100
47	M143	X	-.525	-.525	0	%100
48	M143	Z	.91	.91	0	%100
49	M148	X	-.387	-.387	0	%100
50	M148	Z	.67	.67	0	%100
51	M149	X	0	0	0	%100
52	M149	Z	0	0	0	%100
53	M150	X	0	0	0	%100
54	M150	Z	0	0	0	%100
55	M151	X	0	0	0	%100
56	M151	Z	0	0	0	%100
57	M154	X	-.272	-.272	0	%100
58	M154	Z	.471	.471	0	%100
59	M155	X	-.272	-.272	0	%100
60	M155	Z	.471	.471	0	%100
61	M159	X	-.653	-.653	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
62	M159	Z	1.131	1.131	0	%100
63	M160	X	-.499	-.499	0	%100
64	M160	Z	.864	.864	0	%100
65	M162	X	-.525	-.525	0	%100
66	M162	Z	.91	.91	0	%100
67	M164	X	-.653	-.653	0	%100
68	M164	Z	1.131	1.131	0	%100
69	M165	X	-.499	-.499	0	%100
70	M165	Z	.864	.864	0	%100
71	M167	X	-.525	-.525	0	%100
72	M167	Z	.91	.91	0	%100
73	M172	X	-.286	-.286	0	%100
74	M172	Z	.495	.495	0	%100
75	MP1A	X	-.258	-.258	0	%100
76	MP1A	Z	.448	.448	0	%100
77	M82	X	-.194	-.194	0	%100
78	M82	Z	.336	.336	0	%100
79	M87	X	-.194	-.194	0	%100
80	M87	Z	.336	.336	0	%100
81	M88	X	0	0	0	%100
82	M88	Z	0	0	0	%100
83	MP2A	X	-.258	-.258	0	%100
84	MP2A	Z	.448	.448	0	%100
85	MP3A	X	-.313	-.313	0	%100
86	MP3A	Z	.542	.542	0	%100
87	MP4A	X	-.258	-.258	0	%100
88	MP4A	Z	.448	.448	0	%100
89	MP1C	X	-.258	-.258	0	%100
90	MP1C	Z	.448	.448	0	%100
91	MP2C	X	-.258	-.258	0	%100
92	MP2C	Z	.448	.448	0	%100
93	MP3C	X	-.313	-.313	0	%100
94	MP3C	Z	.542	.542	0	%100
95	MP4C	X	-.258	-.258	0	%100
96	MP4C	Z	.448	.448	0	%100
97	MP1B	X	-.258	-.258	0	%100
98	MP1B	Z	.448	.448	0	%100
99	MP2B	X	-.258	-.258	0	%100
100	MP2B	Z	.448	.448	0	%100
101	MP3B	X	-.313	-.313	0	%100
102	MP3B	Z	.542	.542	0	%100
103	MP4B	X	-.258	-.258	0	%100
104	MP4B	Z	.448	.448	0	%100
105	M125A	X	-.286	-.286	0	%100
106	M125A	Z	.495	.495	0	%100
107	M126A	X	0	0	0	%100
108	M126A	Z	0	0	0	%100
109	M127A	X	-.232	-.232	0	%100
110	M127A	Z	.402	.402	0	%100
111	M128A	X	-.232	-.232	0	%100
112	M128A	Z	.402	.402	0	%100
113	M129A	X	0	0	0	%100
114	M129A	Z	0	0	0	%100
115	OVP2	X	-.211	-.211	0	%100
116	OVP2	Z	.366	.366	0	%100
117	OVP1	X	-.211	-.211	0	%100
118	OVP1	Z	.366	.366	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f...	End Location[ft...
1	M100	X	-.503	-.503	0	%100
2	M100	Z	.29	.29	0	%100
3	M101	X	-.142	-.142	0	%100
4	M101	Z	.082	.082	0	%100
5	M102	X	-.142	-.142	0	%100
6	M102	Z	.082	.082	0	%100
7	M103	X	-.283	-.283	0	%100
8	M103	Z	.163	.163	0	%100
9	M106	X	-.628	-.628	0	%100
10	M106	Z	.363	.363	0	%100
11	M107	X	-.157	-.157	0	%100
12	M107	Z	.091	.091	0	%100
13	M111	X	-.848	-.848	0	%100
14	M111	Z	.49	.49	0	%100
15	M112	X	-1.152	-1.152	0	%100
16	M112	Z	.665	.665	0	%100
17	M114	X	-1.213	-1.213	0	%100
18	M114	Z	.701	.701	0	%100
19	M116	X	-.848	-.848	0	%100
20	M116	Z	.49	.49	0	%100
21	M117	X	-.288	-.288	0	%100
22	M117	Z	.166	.166	0	%100
23	M119	X	-.303	-.303	0	%100
24	M119	Z	.175	.175	0	%100
25	M124	X	0	0	0	%100
26	M124	Z	0	0	0	%100
27	M125	X	-.567	-.567	0	%100
28	M125	Z	.327	.327	0	%100
29	M126	X	-.567	-.567	0	%100
30	M126	Z	.327	.327	0	%100
31	M127	X	-1.131	-1.131	0	%100
32	M127	Z	.653	.653	0	%100
33	M130	X	-.157	-.157	0	%100
34	M130	Z	.091	.091	0	%100
35	M131	X	-.157	-.157	0	%100
36	M131	Z	.091	.091	0	%100
37	M135	X	0	0	0	%100
38	M135	Z	0	0	0	%100
39	M136	X	-.288	-.288	0	%100
40	M136	Z	.166	.166	0	%100
41	M138	X	-.303	-.303	0	%100
42	M138	Z	.175	.175	0	%100
43	M140	X	0	0	0	%100
44	M140	Z	0	0	0	%100
45	M141	X	-.288	-.288	0	%100
46	M141	Z	.166	.166	0	%100
47	M143	X	-.303	-.303	0	%100
48	M143	Z	.175	.175	0	%100
49	M148	X	-.503	-.503	0	%100
50	M148	Z	.29	.29	0	%100
51	M149	X	-.142	-.142	0	%100
52	M149	Z	.082	.082	0	%100
53	M150	X	-.142	-.142	0	%100
54	M150	Z	.082	.082	0	%100
55	M151	X	-.283	-.283	0	%100
56	M151	Z	.163	.163	0	%100
57	M154	X	-.157	-.157	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
58	M154	Z	.091	.091	0	%100
59	M155	X	-.628	-.628	0	%100
60	M155	Z	.363	.363	0	%100
61	M159	X	-.848	-.848	0	%100
62	M159	Z	.49	.49	0	%100
63	M160	X	-.288	-.288	0	%100
64	M160	Z	.166	.166	0	%100
65	M162	X	-.303	-.303	0	%100
66	M162	Z	.175	.175	0	%100
67	M164	X	-.848	-.848	0	%100
68	M164	Z	.49	.49	0	%100
69	M165	X	-1.152	-1.152	0	%100
70	M165	Z	.665	.665	0	%100
71	M167	X	-1.213	-1.213	0	%100
72	M167	Z	.701	.701	0	%100
73	M172	X	-.165	-.165	0	%100
74	M172	Z	.095	.095	0	%100
75	MP1A	X	-.448	-.448	0	%100
76	MP1A	Z	.258	.258	0	%100
77	M82	X	-.112	-.112	0	%100
78	M82	Z	.065	.065	0	%100
79	M87	X	-.448	-.448	0	%100
80	M87	Z	.258	.258	0	%100
81	M88	X	-.112	-.112	0	%100
82	M88	Z	.065	.065	0	%100
83	MP2A	X	-.448	-.448	0	%100
84	MP2A	Z	.258	.258	0	%100
85	MP3A	X	-.542	-.542	0	%100
86	MP3A	Z	.313	.313	0	%100
87	MP4A	X	-.448	-.448	0	%100
88	MP4A	Z	.258	.258	0	%100
89	MP1C	X	-.448	-.448	0	%100
90	MP1C	Z	.258	.258	0	%100
91	MP2C	X	-.448	-.448	0	%100
92	MP2C	Z	.258	.258	0	%100
93	MP3C	X	-.542	-.542	0	%100
94	MP3C	Z	.313	.313	0	%100
95	MP4C	X	-.448	-.448	0	%100
96	MP4C	Z	.258	.258	0	%100
97	MP1B	X	-.448	-.448	0	%100
98	MP1B	Z	.258	.258	0	%100
99	MP2B	X	-.448	-.448	0	%100
100	MP2B	Z	.258	.258	0	%100
101	MP3B	X	-.542	-.542	0	%100
102	MP3B	Z	.313	.313	0	%100
103	MP4B	X	-.448	-.448	0	%100
104	MP4B	Z	.258	.258	0	%100
105	M125A	X	-.66	-.66	0	%100
106	M125A	Z	.381	.381	0	%100
107	M126A	X	-.165	-.165	0	%100
108	M126A	Z	.095	.095	0	%100
109	M127A	X	-.134	-.134	0	%100
110	M127A	Z	.077	.077	0	%100
111	M128A	X	-.536	-.536	0	%100
112	M128A	Z	.31	.31	0	%100
113	M129A	X	-.134	-.134	0	%100
114	M129A	Z	.077	.077	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
115	OVP2	X	-.366	-.366	0	%100
116	OVP2	Z	.211	.211	0	%100
117	OVP1	X	-.366	-.366	0	%100
118	OVP1	Z	.211	.211	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
1	M100	X	-.774	-.774	0	%100
2	M100	Z	0	0	0	%100
3	M101	X	0	0	0	%100
4	M101	Z	0	0	0	%100
5	M102	X	0	0	0	%100
6	M102	Z	0	0	0	%100
7	M103	X	0	0	0	%100
8	M103	Z	0	0	0	%100
9	M106	X	-.544	-.544	0	%100
10	M106	Z	0	0	0	%100
11	M107	X	-.544	-.544	0	%100
12	M107	Z	0	0	0	%100
13	M111	X	-1.306	-1.306	0	%100
14	M111	Z	0	0	0	%100
15	M112	X	-.998	-.998	0	%100
16	M112	Z	0	0	0	%100
17	M114	X	-1.051	-1.051	0	%100
18	M114	Z	0	0	0	%100
19	M116	X	-1.306	-1.306	0	%100
20	M116	Z	0	0	0	%100
21	M117	X	-.998	-.998	0	%100
22	M117	Z	0	0	0	%100
23	M119	X	-1.051	-1.051	0	%100
24	M119	Z	0	0	0	%100
25	M124	X	-.193	-.193	0	%100
26	M124	Z	0	0	0	%100
27	M125	X	-.491	-.491	0	%100
28	M125	Z	0	0	0	%100
29	M126	X	-.491	-.491	0	%100
30	M126	Z	0	0	0	%100
31	M127	X	-.98	-.98	0	%100
32	M127	Z	0	0	0	%100
33	M130	X	-.544	-.544	0	%100
34	M130	Z	0	0	0	%100
35	M131	X	0	0	0	%100
36	M131	Z	0	0	0	%100
37	M135	X	-.327	-.327	0	%100
38	M135	Z	0	0	0	%100
39	M136	X	-.998	-.998	0	%100
40	M136	Z	0	0	0	%100
41	M138	X	-1.051	-1.051	0	%100
42	M138	Z	0	0	0	%100
43	M140	X	-.327	-.327	0	%100
44	M140	Z	0	0	0	%100
45	M141	X	0	0	0	%100
46	M141	Z	0	0	0	%100
47	M143	X	0	0	0	%100
48	M143	Z	0	0	0	%100
49	M148	X	-.193	-.193	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
50	M148	Z	0	0	0	%100
51	M149	X	-.491	-.491	0	%100
52	M149	Z	0	0	0	%100
53	M150	X	-.491	-.491	0	%100
54	M150	Z	0	0	0	%100
55	M151	X	-.98	-.98	0	%100
56	M151	Z	0	0	0	%100
57	M154	X	0	0	0	%100
58	M154	Z	0	0	0	%100
59	M155	X	-.544	-.544	0	%100
60	M155	Z	0	0	0	%100
61	M159	X	-.327	-.327	0	%100
62	M159	Z	0	0	0	%100
63	M160	X	0	0	0	%100
64	M160	Z	0	0	0	%100
65	M162	X	0	0	0	%100
66	M162	Z	0	0	0	%100
67	M164	X	-.327	-.327	0	%100
68	M164	Z	0	0	0	%100
69	M165	X	-.998	-.998	0	%100
70	M165	Z	0	0	0	%100
71	M167	X	-1.051	-1.051	0	%100
72	M167	Z	0	0	0	%100
73	M172	X	0	0	0	%100
74	M172	Z	0	0	0	%100
75	MP1A	X	-.517	-.517	0	%100
76	MP1A	Z	0	0	0	%100
77	M82	X	0	0	0	%100
78	M82	Z	0	0	0	%100
79	M87	X	-.388	-.388	0	%100
80	M87	Z	0	0	0	%100
81	M88	X	-.388	-.388	0	%100
82	M88	Z	0	0	0	%100
83	MP2A	X	-.517	-.517	0	%100
84	MP2A	Z	0	0	0	%100
85	MP3A	X	-.626	-.626	0	%100
86	MP3A	Z	0	0	0	%100
87	MP4A	X	-.517	-.517	0	%100
88	MP4A	Z	0	0	0	%100
89	MP1C	X	-.517	-.517	0	%100
90	MP1C	Z	0	0	0	%100
91	MP2C	X	-.517	-.517	0	%100
92	MP2C	Z	0	0	0	%100
93	MP3C	X	-.626	-.626	0	%100
94	MP3C	Z	0	0	0	%100
95	MP4C	X	-.517	-.517	0	%100
96	MP4C	Z	0	0	0	%100
97	MP1B	X	-.517	-.517	0	%100
98	MP1B	Z	0	0	0	%100
99	MP2B	X	-.517	-.517	0	%100
100	MP2B	Z	0	0	0	%100
101	MP3B	X	-.626	-.626	0	%100
102	MP3B	Z	0	0	0	%100
103	MP4B	X	-.517	-.517	0	%100
104	MP4B	Z	0	0	0	%100
105	M125A	X	-.571	-.571	0	%100
106	M125A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f...	End Location[ft...
107	M126A	X	-.571	-.571	0	%100
108	M126A	Z	0	0	0	%100
109	M127A	X	0	0	0	%100
110	M127A	Z	0	0	0	%100
111	M128A	X	-.464	-.464	0	%100
112	M128A	Z	0	0	0	%100
113	M129A	X	-.464	-.464	0	%100
114	M129A	Z	0	0	0	%100
115	OVP2	X	-.423	-.423	0	%100
116	OVP2	Z	0	0	0	%100
117	OVP1	X	-.423	-.423	0	%100
118	OVP1	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f...	End Location[ft...
1	M100	X	-.503	-.503	0	%100
2	M100	Z	-.29	-.29	0	%100
3	M101	X	-.142	-.142	0	%100
4	M101	Z	-.082	-.082	0	%100
5	M102	X	-.142	-.142	0	%100
6	M102	Z	-.082	-.082	0	%100
7	M103	X	-.283	-.283	0	%100
8	M103	Z	-.163	-.163	0	%100
9	M106	X	-.157	-.157	0	%100
10	M106	Z	-.091	-.091	0	%100
11	M107	X	-.628	-.628	0	%100
12	M107	Z	-.363	-.363	0	%100
13	M111	X	-.848	-.848	0	%100
14	M111	Z	-.49	-.49	0	%100
15	M112	X	-.288	-.288	0	%100
16	M112	Z	-.166	-.166	0	%100
17	M114	X	-.303	-.303	0	%100
18	M114	Z	-.175	-.175	0	%100
19	M116	X	-.848	-.848	0	%100
20	M116	Z	-.49	-.49	0	%100
21	M117	X	-1.152	-1.152	0	%100
22	M117	Z	-.665	-.665	0	%100
23	M119	X	-1.213	-1.213	0	%100
24	M119	Z	-.701	-.701	0	%100
25	M124	X	-.503	-.503	0	%100
26	M124	Z	-.29	-.29	0	%100
27	M125	X	-.142	-.142	0	%100
28	M125	Z	-.082	-.082	0	%100
29	M126	X	-.142	-.142	0	%100
30	M126	Z	-.082	-.082	0	%100
31	M127	X	-.283	-.283	0	%100
32	M127	Z	-.163	-.163	0	%100
33	M130	X	-.628	-.628	0	%100
34	M130	Z	-.363	-.363	0	%100
35	M131	X	-.157	-.157	0	%100
36	M131	Z	-.091	-.091	0	%100
37	M135	X	-.848	-.848	0	%100
38	M135	Z	-.49	-.49	0	%100
39	M136	X	-1.152	-1.152	0	%100
40	M136	Z	-.665	-.665	0	%100
41	M138	X	-1.213	-1.213	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
42	M138	Z	-.701	-.701	0	%100
43	M140	X	-.848	-.848	0	%100
44	M140	Z	-.49	-.49	0	%100
45	M141	X	-.288	-.288	0	%100
46	M141	Z	-.166	-.166	0	%100
47	M143	X	-.303	-.303	0	%100
48	M143	Z	-.175	-.175	0	%100
49	M148	X	0	0	0	%100
50	M148	Z	0	0	0	%100
51	M149	X	-.567	-.567	0	%100
52	M149	Z	-.327	-.327	0	%100
53	M150	X	-.567	-.567	0	%100
54	M150	Z	-.327	-.327	0	%100
55	M151	X	-1.131	-1.131	0	%100
56	M151	Z	-.653	-.653	0	%100
57	M154	X	-.157	-.157	0	%100
58	M154	Z	-.091	-.091	0	%100
59	M155	X	-.157	-.157	0	%100
60	M155	Z	-.091	-.091	0	%100
61	M159	X	0	0	0	%100
62	M159	Z	0	0	0	%100
63	M160	X	-.288	-.288	0	%100
64	M160	Z	-.166	-.166	0	%100
65	M162	X	-.303	-.303	0	%100
66	M162	Z	-.175	-.175	0	%100
67	M164	X	0	0	0	%100
68	M164	Z	0	0	0	%100
69	M165	X	-.288	-.288	0	%100
70	M165	Z	-.166	-.166	0	%100
71	M167	X	-.303	-.303	0	%100
72	M167	Z	-.175	-.175	0	%100
73	M172	X	-.165	-.165	0	%100
74	M172	Z	-.095	-.095	0	%100
75	MP1A	X	-.448	-.448	0	%100
76	MP1A	Z	-.258	-.258	0	%100
77	M82	X	-.112	-.112	0	%100
78	M82	Z	-.065	-.065	0	%100
79	M87	X	-.112	-.112	0	%100
80	M87	Z	-.065	-.065	0	%100
81	M88	X	-.448	-.448	0	%100
82	M88	Z	-.258	-.258	0	%100
83	MP2A	X	-.448	-.448	0	%100
84	MP2A	Z	-.258	-.258	0	%100
85	MP3A	X	-.542	-.542	0	%100
86	MP3A	Z	-.313	-.313	0	%100
87	MP4A	X	-.448	-.448	0	%100
88	MP4A	Z	-.258	-.258	0	%100
89	MP1C	X	-.448	-.448	0	%100
90	MP1C	Z	-.258	-.258	0	%100
91	MP2C	X	-.448	-.448	0	%100
92	MP2C	Z	-.258	-.258	0	%100
93	MP3C	X	-.542	-.542	0	%100
94	MP3C	Z	-.313	-.313	0	%100
95	MP4C	X	-.448	-.448	0	%100
96	MP4C	Z	-.258	-.258	0	%100
97	MP1B	X	-.448	-.448	0	%100
98	MP1B	Z	-.258	-.258	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
99	MP2B	X	-.448	-.448	0	%100
100	MP2B	Z	-.258	-.258	0	%100
101	MP3B	X	-.542	-.542	0	%100
102	MP3B	Z	-.313	-.313	0	%100
103	MP4B	X	-.448	-.448	0	%100
104	MP4B	Z	-.258	-.258	0	%100
105	M125A	X	-.165	-.165	0	%100
106	M125A	Z	-.095	-.095	0	%100
107	M126A	X	-.66	-.66	0	%100
108	M126A	Z	-.381	-.381	0	%100
109	M127A	X	-.134	-.134	0	%100
110	M127A	Z	-.077	-.077	0	%100
111	M128A	X	-.134	-.134	0	%100
112	M128A	Z	-.077	-.077	0	%100
113	M129A	X	-.536	-.536	0	%100
114	M129A	Z	-.31	-.31	0	%100
115	OVP2	X	-.366	-.366	0	%100
116	OVP2	Z	-.211	-.211	0	%100
117	OVP1	X	-.366	-.366	0	%100
118	OVP1	Z	-.211	-.211	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
1	M100	X	-.097	-.097	0	%100
2	M100	Z	-.168	-.168	0	%100
3	M101	X	-.246	-.246	0	%100
4	M101	Z	-.425	-.425	0	%100
5	M102	X	-.246	-.246	0	%100
6	M102	Z	-.425	-.425	0	%100
7	M103	X	-.49	-.49	0	%100
8	M103	Z	-.848	-.848	0	%100
9	M106	X	0	0	0	%100
10	M106	Z	0	0	0	%100
11	M107	X	-.272	-.272	0	%100
12	M107	Z	-.471	-.471	0	%100
13	M111	X	-.163	-.163	0	%100
14	M111	Z	-.283	-.283	0	%100
15	M112	X	0	0	0	%100
16	M112	Z	0	0	0	%100
17	M114	X	0	0	0	%100
18	M114	Z	0	0	0	%100
19	M116	X	-.163	-.163	0	%100
20	M116	Z	-.283	-.283	0	%100
21	M117	X	-.499	-.499	0	%100
22	M117	Z	-.864	-.864	0	%100
23	M119	X	-.525	-.525	0	%100
24	M119	Z	-.91	-.91	0	%100
25	M124	X	-.387	-.387	0	%100
26	M124	Z	-.67	-.67	0	%100
27	M125	X	0	0	0	%100
28	M125	Z	0	0	0	%100
29	M126	X	0	0	0	%100
30	M126	Z	0	0	0	%100
31	M127	X	0	0	0	%100
32	M127	Z	0	0	0	%100
33	M130	X	-.272	-.272	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
34	M130	Z	-.471	-.471	0	%100
35	M131	X	-.272	-.272	0	%100
36	M131	Z	-.471	-.471	0	%100
37	M135	X	-.653	-.653	0	%100
38	M135	Z	-1.131	-1.131	0	%100
39	M136	X	-.499	-.499	0	%100
40	M136	Z	-.864	-.864	0	%100
41	M138	X	-.525	-.525	0	%100
42	M138	Z	-.91	-.91	0	%100
43	M140	X	-.653	-.653	0	%100
44	M140	Z	-1.131	-1.131	0	%100
45	M141	X	-.499	-.499	0	%100
46	M141	Z	-.864	-.864	0	%100
47	M143	X	-.525	-.525	0	%100
48	M143	Z	-.91	-.91	0	%100
49	M148	X	-.097	-.097	0	%100
50	M148	Z	-.168	-.168	0	%100
51	M149	X	-.246	-.246	0	%100
52	M149	Z	-.425	-.425	0	%100
53	M150	X	-.246	-.246	0	%100
54	M150	Z	-.425	-.425	0	%100
55	M151	X	-.49	-.49	0	%100
56	M151	Z	-.848	-.848	0	%100
57	M154	X	-.272	-.272	0	%100
58	M154	Z	-.471	-.471	0	%100
59	M155	X	0	0	0	%100
60	M155	Z	0	0	0	%100
61	M159	X	-.163	-.163	0	%100
62	M159	Z	-.283	-.283	0	%100
63	M160	X	-.499	-.499	0	%100
64	M160	Z	-.864	-.864	0	%100
65	M162	X	-.525	-.525	0	%100
66	M162	Z	-.91	-.91	0	%100
67	M164	X	-.163	-.163	0	%100
68	M164	Z	-.283	-.283	0	%100
69	M165	X	0	0	0	%100
70	M165	Z	0	0	0	%100
71	M167	X	0	0	0	%100
72	M167	Z	0	0	0	%100
73	M172	X	-.286	-.286	0	%100
74	M172	Z	-.495	-.495	0	%100
75	MP1A	X	-.258	-.258	0	%100
76	MP1A	Z	-.448	-.448	0	%100
77	M82	X	-.194	-.194	0	%100
78	M82	Z	-.336	-.336	0	%100
79	M87	X	0	0	0	%100
80	M87	Z	0	0	0	%100
81	M88	X	-.194	-.194	0	%100
82	M88	Z	-.336	-.336	0	%100
83	MP2A	X	-.258	-.258	0	%100
84	MP2A	Z	-.448	-.448	0	%100
85	MP3A	X	-.313	-.313	0	%100
86	MP3A	Z	-.542	-.542	0	%100
87	MP4A	X	-.258	-.258	0	%100
88	MP4A	Z	-.448	-.448	0	%100
89	MP1C	X	-.258	-.258	0	%100
90	MP1C	Z	-.448	-.448	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
91	MP2C	X	-.258	-.258	0	%100
92	MP2C	Z	-.448	-.448	0	%100
93	MP3C	X	-.313	-.313	0	%100
94	MP3C	Z	-.542	-.542	0	%100
95	MP4C	X	-.258	-.258	0	%100
96	MP4C	Z	-.448	-.448	0	%100
97	MP1B	X	-.258	-.258	0	%100
98	MP1B	Z	-.448	-.448	0	%100
99	MP2B	X	-.258	-.258	0	%100
100	MP2B	Z	-.448	-.448	0	%100
101	MP3B	X	-.313	-.313	0	%100
102	MP3B	Z	-.542	-.542	0	%100
103	MP4B	X	-.258	-.258	0	%100
104	MP4B	Z	-.448	-.448	0	%100
105	M125A	X	0	0	0	%100
106	M125A	Z	0	0	0	%100
107	M126A	X	-.286	-.286	0	%100
108	M126A	Z	-.495	-.495	0	%100
109	M127A	X	-.232	-.232	0	%100
110	M127A	Z	-.402	-.402	0	%100
111	M128A	X	0	0	0	%100
112	M128A	Z	0	0	0	%100
113	M129A	X	-.232	-.232	0	%100
114	M129A	Z	-.402	-.402	0	%100
115	OVP2	X	-.211	-.211	0	%100
116	OVP2	Z	-.366	-.366	0	%100
117	OVP1	X	-.211	-.211	0	%100
118	OVP1	Z	-.366	-.366	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
1	M130	Y	-1.6	-4.065	0	.832
2	M130	Y	-4.065	-6.634	.832	1.665
3	M130	Y	-6.634	-7.872	1.665	2.497
4	M130	Y	-7.872	-6.293	2.497	3.329
5	M130	Y	-6.293	-3.33	3.329	4.162
6	M131	Y	-3.329	-6.319	0	.832
7	M131	Y	-6.319	-7.943	.832	1.665
8	M131	Y	-7.943	-6.777	1.665	2.497
9	M131	Y	-6.777	-4.257	2.497	3.329
10	M131	Y	-4.257	-1.81	3.329	4.162
11	M106	Y	-1.807	-4.258	0	.832
12	M106	Y	-4.258	-6.771	.832	1.665
13	M106	Y	-6.771	-7.939	1.665	2.497
14	M106	Y	-7.939	-6.325	2.497	3.329
15	M106	Y	-6.325	-3.336	3.329	4.162
16	M107	Y	-3.33	-6.293	0	.832
17	M107	Y	-6.293	-7.874	.832	1.665
18	M107	Y	-7.874	-6.634	1.665	2.497
19	M107	Y	-6.634	-4.064	2.497	3.329
20	M107	Y	-4.064	-1.601	3.329	4.162
21	M154	Y	-1.807	-4.258	0	.832
22	M154	Y	-4.258	-6.771	.832	1.665
23	M154	Y	-6.771	-7.939	1.665	2.497
24	M154	Y	-7.939	-6.325	2.497	3.329
25	M154	Y	-6.325	-3.336	3.329	4.162

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
26	M155	Y	-3.33	-6.293	0	.832
27	M155	Y	-6.293	-7.874	.832	1.665
28	M155	Y	-7.874	-6.634	1.665	2.497
29	M155	Y	-6.634	-4.064	2.497	3.329
30	M155	Y	-4.064	-1.601	3.329	4.162

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f..	End Location[ft...
1	M130	Y	-6.27	-15.934	0	.832
2	M130	Y	-15.934	-26.005	.832	1.665
3	M130	Y	-26.005	-30.86	1.665	2.497
4	M130	Y	-30.86	-24.667	2.497	3.329
5	M130	Y	-24.667	-13.053	3.329	4.162
6	M131	Y	-13.051	-24.771	0	.832
7	M131	Y	-24.771	-31.138	.832	1.665
8	M131	Y	-31.138	-26.565	1.665	2.497
9	M131	Y	-26.565	-16.689	2.497	3.329
10	M131	Y	-16.689	-7.096	3.329	4.162
11	M106	Y	-7.084	-16.691	0	.832
12	M106	Y	-16.691	-26.542	.832	1.665
13	M106	Y	-26.542	-31.12	1.665	2.497
14	M106	Y	-31.12	-24.794	2.497	3.329
15	M106	Y	-24.794	-13.078	3.329	4.162
16	M107	Y	-13.052	-24.668	0	.832
17	M107	Y	-24.668	-30.865	.832	1.665
18	M107	Y	-30.865	-26.007	1.665	2.497
19	M107	Y	-26.007	-15.932	2.497	3.329
20	M107	Y	-15.932	-6.278	3.329	4.162
21	M154	Y	-7.084	-16.691	0	.832
22	M154	Y	-16.691	-26.542	.832	1.665
23	M154	Y	-26.542	-31.12	1.665	2.497
24	M154	Y	-31.12	-24.794	2.497	3.329
25	M154	Y	-24.794	-13.078	3.329	4.162
26	M155	Y	-13.052	-24.668	0	.832
27	M155	Y	-24.668	-30.865	.832	1.665
28	M155	Y	-30.865	-26.007	1.665	2.497
29	M155	Y	-26.007	-15.932	2.497	3.329
30	M155	Y	-15.932	-6.278	3.329	4.162

Member Area Loads (BLC 39 : Structure D)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N175	N198	N196	N174	Y	Two Way	-.005
2	N147	N170	N168	N146	Y	Two Way	-.005
3	N203	N226	N224	N202	Y	Two Way	-.005

Member Area Loads (BLC 40 : Structure Di)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N175	N198	N196	N174	Y	Two Way	-.02
2	N147	N170	N168	N146	Y	Two Way	-.02
3	N203	N226	N224	N202	Y	Two Way	-.02

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	N144A	max	689.145	10	3362.361	13	2011.192	1	6.933	13	.807	4	.114	3
2		min	-705.726	4	156.32	7	-2140.24	7	-1.054	7	-.806	10	-.172	9
3	N172	max	1650.199	9	3403.97	21	1358.549	1	.223	3	1.022	12	.721	3
4		min	-1741.064	3	262.788	3	-1295.037	7	-3.629	21	-1.041	6	-6.081	21
5	N200	max	1740.689	10	3184.074	17	989.414	12	.479	11	.863	8	6.113	17
6		min	-1632.511	4	186.846	11	-922.302	6	-3.321	17	-.891	2	-.572	11
7	Totals:	max	3962.41	10	9134.503	14	4282.45	1						
8		min	-3962.409	4	2288.422	71	-4282.448	7						

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

	Member	Shape	Code Check	L...	LC	Shear Check	Loc[ft]	Dir	LC	phi*Pn...	phi*Pnt...	phi*Mn...	phi*Mn...	Cb	Eqn
1	M100	HSS4X4X4	.431	0	13	.096	.54	y	13	124657...	139518	16.181	16.181	2...	H1-1b
2	M101	HSS4X4X4	.214	2...	14	.062	2.375	y	13	136263...	139518	16.181	16.181	1...	H1-1b
3	M102	HSS4X4X4	.214	0	24	.069	0	y	13	136263...	139518	16.181	16.181	1...	H1-1b
4	M103	PL1/2x6	.154	....	1	.132	.516	y	16	66009....	97200	1.012	12.15	1...	H1-1b
5	M106	L2x2x3	.128	0	18	.018	4.162	y	17	9823.1...	23392.8	.558	1.077	1...	H2-1
6	M107	L2x2x3	.129	1...	18	.016	0	y	21	9823.1...	23392.8	.558	1.077	1...	H2-1
7	M111	PL3/8x6	.162	0	1	.352	0	y	18	70647....	72900	.57	9.113	1...	H1-1b
8	M112	PL3/8x6	.198	....	7	.419	0	y	13	71583....	72900	.57	9.113	1...	H1-1b
9	M114	PL1/2x6	.053	....	1	.085	.112	y	5	96757....	97200	1.012	12.15	1...	H1-1b
10	M116	PL3/8x6	.139	0	10	.288	0	y	21	70647....	72900	.57	9.113	1...	H1-1b
11	M117	PL3/8x6	.212	....	7	.428	0	y	24	71583....	72900	.57	9.113	1...	H1-1b
12	M119	PL1/2x6	.050	....	7	.096	0	y	3	96757....	97200	1.012	12.15	1...	H1-1b
13	M124	HSS4X4X4	.442	0	21	.105	.54	y	33	124657...	139518	16.181	16.181	2...	H1-1b
14	M125	HSS4X4X4	.215	2...	22	.062	2.375	y	21	136263...	139518	16.181	16.181	1...	H1-1b
15	M126	HSS4X4X4	.218	0	20	.071	0	y	21	136263...	139518	16.181	16.181	1...	H1-1b
16	M127	PL1/2x6	.145	....	9	.131	.516	y	24	66009....	97200	1.012	12.15	1...	H1-1b
17	M130	L2x2x3	.124	0	13	.018	4.162	y	13	9823.1...	23392.8	.558	1.077	1...	H2-1
18	M131	L2x2x3	.132	1...	14	.016	0	y	17	9823.1...	23392.8	.558	1.077	1...	H2-1
19	M135	PL3/8x6	.193	0	7	.348	0	y	13	70647....	72900	.57	9.113	1...	H1-1b
20	M136	PL3/8x6	.186	....	3	.420	0	y	21	71583....	72900	.57	9.113	1...	H1-1b
21	M138	PL1/2x6	.051	....	2	.090	.112	y	1	96757....	97200	1.012	12.15	1...	H1-1b
22	M140	PL3/8x6	.216	0	6	.286	0	y	17	70647....	72900	.57	9.113	1...	H1-1b
23	M141	PL3/8x6	.208	....	2	.437	0	y	20	71583....	72900	.57	9.113	1...	H1-1b
24	M143	PL1/2x6	.047	....	4	.097	0	y	11	96757....	97200	1.012	12.15	1...	H1-1b
25	M148	HSS4X4X4	.436	0	17	.096	0	y	17	124657...	139518	16.181	16.181	2...	H1-1b
26	M149	HSS4X4X4	.218	2...	18	.063	2.375	y	17	136263...	139518	16.181	16.181	1...	H1-1b
27	M150	HSS4X4X4	.216	0	16	.069	0	y	17	136263...	139518	16.181	16.181	1...	H1-1b
28	M151	PL1/2x6	.156	....	5	.133	.516	y	20	66009....	97200	1.012	12.15	1...	H1-1b
29	M154	L2x2x3	.130	0	21	.018	4.162	y	20	9823.1...	23392.8	.558	1.077	1...	H2-1
30	M155	L2x2x3	.126	1...	22	.016	0	y	13	9823.1...	23392.8	.558	1.077	1...	H2-1
31	M159	PL3/8x6	.183	0	3	.358	0	y	21	70647....	72900	.57	9.113	1...	H1-1b
32	M160	PL3/8x6	.201	....	11	.425	0	y	17	71583....	72900	.57	9.113	1...	H1-1b
33	M162	PL1/2x6	.054	....	5	.086	.112	y	9	96757....	97200	1.012	12.15	1...	H1-1b
34	M164	PL3/8x6	.176	0	2	.290	0	y	13	70647....	72900	.57	9.113	1...	H1-1b
35	M165	PL3/8x6	.199	....	11	.431	0	y	16	71583....	72900	.57	9.113	1...	H1-1b
36	M167	PL1/2x6	.049	....	5	.102	0	y	7	96757....	97200	1.012	12.15	1...	H1-1b
37	M172	PIPE_3.0	.159	4...	17	.079	8.073		18	28250....	65205	5.749	5.749	1...	H1-1b
38	MP1A	PIPE_2.0	.317	5...	21	.123	2.25		8	14916....	32130	1.872	1.872	4...	H1-1b
39	M82	PIPE_2.0	.260	8...	6	.135	11.7...		7	6295.4...	32130	1.872	1.872	2...	H1-1b
40	M87	PIPE_2.0	.256	8...	2	.132	11.7...		3	6295.4...	32130	1.872	1.872	2...	H1-1b
41	M88	PIPE_2.0	.245	8...	9	.125	11.7...		12	6295.4...	32130	1.872	1.872	2...	H1-1b
42	MP2A	PIPE_2.0	.396	5...	9	.091	5.75		6	14916....	32130	1.872	1.872	4...	H1-1b
43	MP3A	PIPE_2.5	.322	5...	4	.079	5.75		8	30038....	50715	3.596	3.596	3...	H1-1b

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

	Member	Shape	Code Check	L...	LC	Shear Check	Loc[ft]	Dir	LC	phi*Pn...	phi*Pnt...	phi*Mn...	phi*Mn...	Cb	Eqn
44	MP4A	PIPE_2.0	.289	5...	17	.124	2.25		7	14916....	32130	1.872	1.872	4...	H1-1b
45	MP1C	PIPE_2.0	.315	5...	17	.114	2.25		4	14916....	32130	1.872	1.872	4...	H1-1b
46	MP2C	PIPE_2.0	.405	5...	6	.094	5.75		8	14916....	32130	1.872	1.872	4...	H1-1b
47	MP3C	PIPE_2.5	.327	5...	12	.074	2.25		4	30038....	50715	3.596	3.596	3...	H1-1b
48	MP4C	PIPE_2.0	.289	5...	1	.122	2.25		3	14916....	32130	1.872	1.872	4...	H1-1b
49	MP1B	PIPE_2.0	.309	5...	1	.120	2.25		12	14916....	32130	1.872	1.872	4...	H1-1b
50	MP2B	PIPE_2.0	.420	5...	1	.089	5.75		11	14916....	32130	1.872	1.872	4...	H1-1b
51	MP3B	PIPE_2.5	.335	5...	8	.077	2.25		12	30038....	50715	3.596	3.596	3...	H1-1b
52	MP4B	PIPE_2.0	.272	5...	8	.117	2.25		11	14916....	32130	1.872	1.872	4...	H1-1b
53	M125A	PIPE_3.0	.152	4...	13	.074	8.073		20	28250....	65205	5.749	5.749	1...	H1-1b
54	M126A	PIPE_3.0	.157	4...	21	.070	8.073		22	28250....	65205	5.749	5.749	1...	H1-1b
55	M127A	L2.5x2.5x4	.344	1...	11	.053	0	z	4	36502....	38556	1.114	2.537	2...	H2-1
56	M128A	L2.5x2.5x4	.352	1...	7	.057	0	z	12	36502....	38556	1.114	2.537	2...	H2-1
57	M129A	L2.5x2.5x4	.361	1...	3	.057	.013	z	8	36502....	38556	1.114	2.537	2...	H2-1
58	OVP2	PIPE_2.0	.081	2...	5	.036	2.5		2	28843....	32130	1.872	1.872	2...	H1-1b
59	OVP1	PIPE_2.0	.081	2...	1	.036	2.5		10	28843....	32130	1.872	1.872	1...	H1-1b

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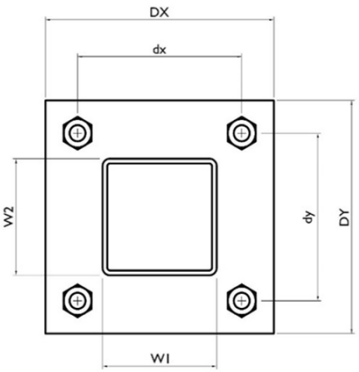
Client:	Verizon Wireless	Date:	10/23/2023
Site Name:	Columbia CT		
MDG #:	5000231930		
Fuze ID #:	17123890	Page:	1

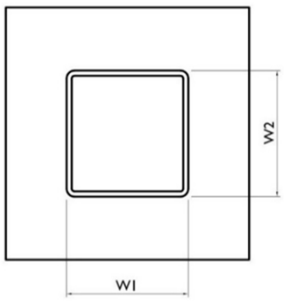
Version 1.01

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):	7.2
Required Shear Strength / bolt (kips):	0.9
Tensile Capacity / bolt (kips):	20.7
Shear Capacity / bolt (kips):	12.4
Bolt Overall Utilization:	**34.9%**



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):	11.91
Phi*M_n (kip-in):	26.65
Plate Bending Utilization:	**44.7%**



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Client:	Verizon Wireless	Date:	10/23/2023
Site Name:	Columbia CT		
PSLC #:	5000231930		
Fuze ID #:	17123890	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):	6
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):	2.70
Weld Capacity (kip/in):	8.35
Weld Utilization:	**32.3%**

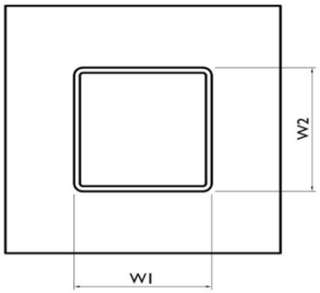

EXHIBIT 5

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Non-Ionizing Electromagnetic Radiation (NIER) Study

Site Number:

302529

Site Name:

Andover-bunker Hill Road

Location:

Andover, Connecticut

Tenants:

AT&T Mobility, Dish Wireless, & Verizon Wireless

Prepared For:

American Tower, Inc.
Woburn, Massachusetts

December 20th, 2023

93975 P-412285

Prepared By:

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

Approved By:

TOWER ENGINEERING PROFESSIONALS

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Non-Ionizing Electromagnetic Radiation (NIER) Study

302529 Andover-bunker Hill Rd
Andover, 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 302529 Andover-bunker Hill Rd is located at 104 Bunker Hill Rd., in Andover, Connecticut at coordinates 41.737793, -72.349847. 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), & 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 302529 Andover-bunker Hill Rd.RF NIER Study 12/1/23.
- 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

302472 Andover-bunker Hill Road

Antenna Inventory

Antenna #	Carrier	Antenna Manufacturer	Antenna Model	Frequency Band (MHz)	Azmiuth (°)	Effective Radiated Power (W)	Radiation Center (ft)
1	Verizon	Samsung	MT6407-77A	3700-3900	030	18286	158
2	Verizon	Samsung	MT6407-77A	3700-3900	180	18286	158
3	Verizon	Samsung	MT6407-77A	3700-3900	270	18286	158
4	Verizon	Andrew	SBNHH 1D65-B	700/800/1900/2100	030	35085	158
5	Verizon	Andrew	SBNHH 1D65-B	700/800/1900/2100	180	35085	158
6	Verizon	Andrew	SBNHH 1D65-B	700/800/1900/2100	270	35085	158
7	Verizon	Andrew	SBNHH 1D65-B	700/800/1900/2100	030	35085	158
8	Verizon	Andrew	SBNHH 1D65-B	700/800/1900/2100	180	35085	158
9	Verizon	Andrew	SBNHH 1D65-B	700/800/1900/2100	270	35085	158
10	Verizon	Antel	LPA-80080/4CF	800	030	10840	158
11	Verizon	Antel	LPA-80080/4CF	800	180	10840	158
12	Verizon	Antel	LPA-80080/4CF	800	270	10840	158
13	Verizon	Antel	LPA-80080/4CF	800	030	10840	158
14	Verizon	Antel	LPA-80080/4CF	800	180	10840	158
15	Verizon	Antel	LPA-80080/4CF	800	270	10840	158
16	T-Mobile	RFS	APXVAARR24	2100	060	10543	148
17	T-Mobile	RFS	APXVAARR24	2100	180	10543	148
18	T-Mobile	RFS	APXVAARR24	2100	300	10543	148
19	T-Mobile	Ericsson	Air6449	2500-2700	060	24400	148
20	T-Mobile	Ericsson	Air6449	2500-2700	180	24400	148
21	T-Mobile	Ericsson	Air6449	2500-2700	300	24400	148

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Appendix 2.2 Antenna Inventory

302472 Andover-bunker Hill Road							
Antenna Inventory							
Antenna #	Carrier	Antenna Manufacturer	Antenna Model	Frequency Band (MHz)	Azmiuth (°)	Effective Radiated Power (W)	Radiation Center (ft)
22	AT&T	Powerwave	7770	800/1900	023	26508	137
23	AT&T	Powerwave	7770	800/1900	143	26508	137
24	AT&T	Powerwave	7770	800/1900	263	26508	137
25	AT&T	CCI	DMP65R-BU6DA	700/800/1900/2100	070	36002	137
26	AT&T	CCI	DMP65R-BU6DA	700/800/1900/2100	190	36002	137
27	AT&T	CCI	DMP65R-BU6DA	700/800/1900/2100	300	36002	137
28	AT&T	CCI	DMP65R-BU6DA	700/800/1900/2100	070	36002	137
29	AT&T	CCI	DMP65R-BU6DA	700/800/1900/2100	190	36002	137
30	AT&T	CCI	DMP65R-BU6DA	700/800/1900/2100	300	36002	137
31	Dish	JMA	MX08FRO665-21	600/1900/2000/2100	000	48332	124
32	Dish	JMA	MX08FRO665-21	600/1900/2000/2100	120	48332	124
33	Dish	JMA	MX08FRO665-21	600/1900/2000/2100	240	48332	124

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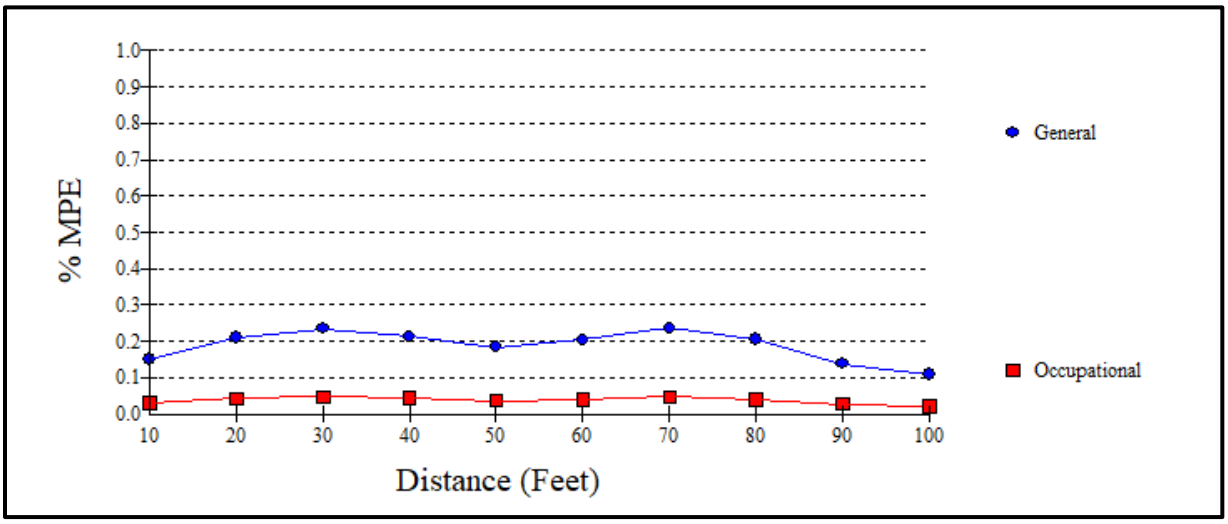
Appendix 3.1 MPE Limit Study



Maximum Power Density (@70'):	0.0015 mW/cm²
General Population MPE (@70'):	0.2355%
Occupational MPE (@70'):	0.0471%

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Appendix 3.2 MPE Limit Study

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Appendix 4 Information Pertaining to MPE Studies

In 1985, the FCC first adopted guidelines to be used for evaluating human exposure to RF emissions. The FCC revised and updated these guidelines on August 1, 1996, as a result of a rule-making proceeding initiated in 1993. The new guidelines incorporate limits for Maximum Permissible Exposure (MPE) in terms of electric and magnetic field strength and power density for transmitters operating at frequencies between 300 kHz and 100 GHz.

The FCC's MPE limits are based on exposure limits recommended by the National Council on Radiation Protection and Measurements (NCRP), and, over a wide range of frequencies, the exposure limits were developed by the Institute of Electrical and Electronics Engineers, Inc., (IEEE) and adopted by the American National Standards Institute (ANSI) to replace the 1982 ANSI guidelines. Limits for localized absorption are based on recommendations of both ANSI/IEEE and NCRP.

The FCC's limits, and the NCRP and ANSI/IEEE limits on which they are based, are derived from exposure criteria quantified in terms of specific absorption rate (SAR). The basis for these limits is a whole-body averaged SAR threshold level of 4 watts per kilogram (4 W/kg), as averaged over the entire mass of the body, above which expert organizations have determined that potentially hazardous exposures may occur. The MPE limits are derived by incorporating safety factors that lead, in some cases, to limits that are more conservative than the limits originally adopted by the FCC in 1985. Where more conservative limits exist, they do not arise from a fundamental change in the RF safety criteria for whole-body averaged SAR, but from a precautionary desire to protect subgroups of the general population who, potentially, may be more at risk.

The FCC exposure limits are also based on data showing that the human body absorbs RF energy at some frequencies more efficiently than at others. The most restrictive limits occur in the frequency range of 30-300 MHz where whole-body absorption of RF energy by human beings is most efficient. At other frequencies, whole-body absorption is less efficient, and consequently, the MPE limits are less restrictive.

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MPE limits are defined in terms of power density (units of milliwatts per centimeter squared: mW/cm^2), electric field strength (units of volts per meter: V/m) and magnetic field strength (units of amperes per meter: A/m). The far-field of a transmitting antenna is where the electric field vector (E), the magnetic field vector (H), and the direction of propagation can be considered to be all mutually orthogonal ("plane-wave" conditions).

Occupational/controlled exposure limits apply to situations in which persons are exposed as a consequence of their employment and in which those persons who are exposed have been made fully aware of the potential for exposure and can exercise control over their exposure. Occupational/controlled exposure limits also apply where exposure is of a transient nature as a result of incidental passage through a location where exposure levels may be above general population/uncontrolled limits (see below), as long as the exposed person has been made fully aware of the potential for exposure and can exercise control over his or her exposure by leaving the area or by some other appropriate means.

General population/uncontrolled exposure limits apply to situations in which the general public may be exposed or in which persons who are exposed as a consequence of their employment may not be made fully aware of the potential for exposure or cannot exercise control over their exposure. Therefore, members of the general public would always be considered under this category when exposure is not employment-related, for example, in the case of a telecommunications tower that exposes persons in a nearby residential area. Additional details can be found in FCC OET 65.

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Appendix 5 MPE Standards Methodology

This study predicts RF field strength and power density levels that emanate from communications system antennae. It considers all transmitter power levels (less filter and line losses) delivered to each active transmitting antenna at the communications site. Calculations are performed to determine power density and MPE levels for each antenna as well as composite levels from all antennas. The calculated levels are based on where a human (Observer) would be standing at various locations at the site. The point of interest where the MPE level is predicted is based on the height of the Observer.

Compliance with the FCC limits on RF emissions are determined by spatially averaging a person's exposure over the projected area of an adult human body, that is approximately six-feet or two-meters, as defined in the ANSI/IEEE C95.1 standard. The MPE limits are specified as time-averaged exposure limits. This means that exposure is averaged over an identifiable time interval. It is 30 minutes for the general population/uncontrolled RF environment and 6 minutes for the occupational/controlled RF environment. However, in the case of the general public, time averaging should not be applied because the general public is typically not aware of RF exposure, and they do not have control of their exposure time. Therefore, it should be assumed that any RF exposure to the general public will be continuous.

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The FCC's limits for exposure at different frequencies are shown in the following Tables.

Limits for Occupational/Controlled Exposure				
Frequency Range (MHz)	**Electric Field Strength (E) (V/m)**	**Magnetic Field Strength (H) (A/m)**	**Power Density (S) (mW/cm^2)**	**Averaging Time $\|E\|^2$, $\|H\|^2$ or S (minutes)**
0.3 - 3.0	614	1.63	100*	6
3.0 - 30	1842/f	4.89/f	$900/F^2$	6
30 - 300	61.4	0.163	1.0	6
300 - 1500	--	--	f/300	6
1500 - 100,000	--	--	5	6

f = frequency

* = Plane-wave equivalent power density

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Occupational/controlled limits apply in situations in which persons are exposed as a consequence of their employment provided those persons are fully aware of the potential for exposure and can exercise control over their exposure. Limits for occupational/controlled exposure also apply in situations when an individual is transient through a location where occupational/controlled limits apply provided he or she is made aware of the potential for exposure.

Limits for General Population/Uncontrolled Exposure				
Frequency Range (MHz)	**Electric Field Strength (E) (V/m)**	**Magnetic Field Strength (H) (A/m)**	**Power Density (S) (mW/cm^2)**	**Averaging Time $\|E\|^2$, $\|H\|^2$ or S (minutes)**
0.3 - 1.34	614	1.63	100*	30
1.34 - 30	824/f	2.19/f	$180/F^2$	30
30 -300	27.5	0.073	0.2	30
300 -1500	--	--	f/1500	30
1500 -100,000	--	--	1.0	30

f = frequency

* = Plane-wave equivalent power density

General population/uncontrolled exposures apply in situations in which the general public may be exposed or in which persons that are exposed as a consequence of their employment may not be fully aware of the potential for exposure or cannot exercise control over their exposure.

It is important to understand that these limits apply cumulatively to all sources of RF emissions affecting a given area. For example, if several different communications system antennas occupy a shared facility such as a tower or rooftop, then the total exposure from all systems at the facility must be within compliance of the FCC guidelines.

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The field strength emanating from an antenna can be estimated based on the characteristics of an antenna radiating in free space. There are basically two field areas associated with a radiating antenna. When close to the antenna, the region is known as the Near Field. Within this region, the characteristics of the RF fields are very complex, and the wave front is extremely curved. As you move further from the antenna, the wave front has less curvature and becomes planar. The wave front still has a curvature, but it appears to occupy a flat plane in space (plane-wave radiation). This region is known as the Far Field.

Two models are utilized to predict Near and Far field power densities. They are based on the formulae in FCC OET 65.

Cylindrical Model (Near Field Predictions)

Spatially averaged plane-wave equivalent power densities parallel to the antenna may be estimated by dividing the antenna input power by the surface area of an imaginary cylinder surrounding the length of the radiating antenna. While the actual power density will vary along the height of the antenna, the average value along its length will closely follow the relation given by the following equation:

$$S = P \div 2\pi RL$$

Where:

S = Power Density

P = Total Power into antenna

R = Distance from the antenna

L = Antenna aperture length

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For directional-type antennas, power densities can be estimated by dividing the input power by that portion of a cylindrical surface area corresponding to the angular beam width of the antenna. For example, for the case of a 120-degree azimuthal beam width, the surface area should correspond to 1/3 that of a full cylinder. This would increase the power density near the antenna by a factor of three over that for a purely omni-directional antenna. Mathematically, this can be represented by the following formula:

$$S = (180 / \theta_{BW}) P \div \pi RL$$

Where:

S = Power Density

θ_{BW} = Beam width of antenna in degrees (3 dB half-power point)

P = Total Power into antenna

R = Distance from the antenna

L = Antenna aperture length

If the antenna is a 360-degree omni-directional antenna, this formula would be equivalent to the previous formula.

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Spherical Model (Far Field Predictions)

Spatially averaged plane-wave power densities in the Far Field of an antenna may be estimated by considering the additional factors of antenna gain and reflective waves that would contribute to exposure.

The radiation pattern of an antenna has developed in the Far Field region and the power gain needs to be considered in exposure predictions. Also, if the vertical radiation pattern of the antenna is considered, the exposure predictions would most likely be reduced significantly at ground level, resulting in a more realistic estimate of the actual exposure levels.

Additionally, to model a truly "worst case" prediction of exposure levels at or near a surface, such as at ground-level or on a rooftop, reflection off the surface of antenna radiation power can be assumed, resulting in a potential four-fold increase in power density.

These additional factors are considered, and the Far Field prediction model is determined by the following equation:

$$S = EIRP \times Rc \div 4\pi R^2$$

Where:

S = Power Density

EIRP = Effective Radiated Power from antenna

Rc = Reflection Coefficient (2.56)

R = Distance from the antenna

The EIRP includes the antenna gain. If the antenna pattern is considered, the antenna gain is relative based on the horizontal and vertical pattern gain values at that particular location in space, on a rooftop or on the ground. However, it is recommended that the antenna radiation pattern characteristics not be considered to provide a conservative "worst case" prediction. This is the equation is utilized for the Far Field exposure predictions herein.

EXHIBIT 6

TOWN OF ANDOVER
PLANNING & ZONING COMMISSION
NOVEMBER 15, 1999

MOTIONS

Public Hearing on the application of Nextel Communications of the Mid-Atlantic, Inc. for a Special Permit to construct a Telecommunication Facility was reconvened and subsequently closed.

The application of James Bousfield to amend the Andover zoning regulations by adding Sections 9.0.4, 12.2.9 and 24.3.42a was opened and subsequently closed.

OLD BUSINESS

1) Application of Nextel Communications of the Mid-Atlantic, Inc. for a telecommunication facility at the property of Leon Price and Deborah Green located at 104 Bunker Hill Rd.

A motion was made (by Erich Siismets) to approve the application for a request for a telecommunication facility at 104 Bunker Hill Rd. with conditions. Seconded by Robert Russell the motion passed 4-0-0 with Leigh Ann Hutchinson abstaining.

NEW BUSINESS

1) Application of James Bousfield. Request to amend the zoning regulations by adding three sections: 9.0.4, 12.2.9, and 24.3.42a. Erich Siismets made the following motion:

Move to add the following sections to the zoning regulations:

9.0.8 Self-Storage Facilities

12.2.9 Self-Storage Facilities. One paved parking space for every fifty units, plus one space for each full-time employee.

24.3.42a – Self-Storage Facility -- A facility open to the general public consisting of individual, leased, storage units of 300 square ft, or less. Each unit shall have direct access from the facility driveway and shall be utilized for the storage of personal property, equipment, inventory, boats, trailers, automobiles, etc. Units shall not be used as work areas or to conduct business, maintenance or repairs of any kind. Outside storage of any kind is prohibited.

Seconded by Jeanne Sheehan the motion passed 5-0-0.

EXHIBIT 7

Hello, your package has been delivered.

Delivery Date: Monday, 01/08/2024
Delivery Time: 10:26 AM
Signed by: DONNA

CENTERLINE SITE ACQUISITION

Tracking Number:	**1Z9Y45030314441118**
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:	14568043

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UPS Delivery Notification, Tracking Number 1Z9Y45030311397093

UPS <pkginfo@ups.com>
Mon 1/8/2024 3:13 PM
To:Barbara Kassabian <bkassabian@clinellc.com>

Hello, your package has been delivered.

Delivery Date: Monday, 01/08/2024
Delivery Time: 3:12 PM
Signed by: GONYEA

CENTERLINE SITE ACQUISITION

Tracking Number:	**1Z9Y45030311397093**
Ship To:	RICH MCKINNON 17 SCHOOL ROAD BUILDING AND LAND USE DEPT. ANDOVER, CT 062321557 US
Number of Packages:	1
UPS Service:	UPS Ground
Package Weight:	1.0 LBS
Reference Number:	14568043

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Hello, your package has been delivered.

Delivery Date: Monday, 01/08/2024
Delivery Time: 3:12 PM
Signed by: GONYEA

CENTERLINE SITE ACQUISITION

Tracking Number:	1Z9Y45030315778085
Ship To:	JEFFERY J. MAGUIRE 17 SCHOOL ROAD ANDOVER, CT 062321557 US
Number of Packages:	1
UPS Service:	UPS Ground
Package Weight:	1.0 LBS
Reference Number:	14568043

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UPS Delivery Notification, Tracking Number 1Z9Y45030310818102

UPS <pkginfo@ups.com>

Sat 1/6/2024 3:42 PM

To:Barbara Kassabian <bkassabian@clinellc.com>

UPS logo

Hello, your package has been delivered.

Delivery Date: Saturday, 01/06/2024
Delivery Time: 3:41 PM
Left At: OTHER-RELEAS

Set Delivery Instructions Manage Preferences View My Packages

CENTERLINE SITE ACQUISITION

Tracking Number:	1Z9Y45030310818102
Ship To:	BENJAMIN & LEON PRICE 104 BUNKER HILL ROAD ANDOVER, CT 062321301 US
Number of Packages:	1
UPS Service:	UPS Ground
Package Weight:	1.0 LBS
Reference Number:	14568043

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