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 22, 2024

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

RE: Notice of Exempt Modification // Site: N STAMFORD CT (ATC: 467853)
5 High Ridge Park Road, Stamford CT 06905
N 41.11275 // W -73.53835278

Dear Ms. Bachman,

Cellco Partnership d/b/a Verizon Wireless currently maintains eight (8) antenna at the 158-ft level on the existing 179 ft Tower, located at 5 High Ridge Park Road, Stamford, CT. The tower is owned by American Tower. Verizon Wireless proposed modification involves the installation of a new antenna mount along with the additional of eight (8) antenna, four (4) RRH, twelve (12) Hybrid Cables and four (4) Diplexers on a 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 January 8, 2024, by A.T Engineering Services, LLC, a structural analysis dated November 22, 2023, by American Tower Corp., and a structural mount analysis by Colliers Engineering and Design dated October 31, 2023, and Non-Ionizing Electromagnetic Radiation (NIER) Study dated August 23, 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
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West Bridgewater, MA 02379
Mobile: (508) 649 2307
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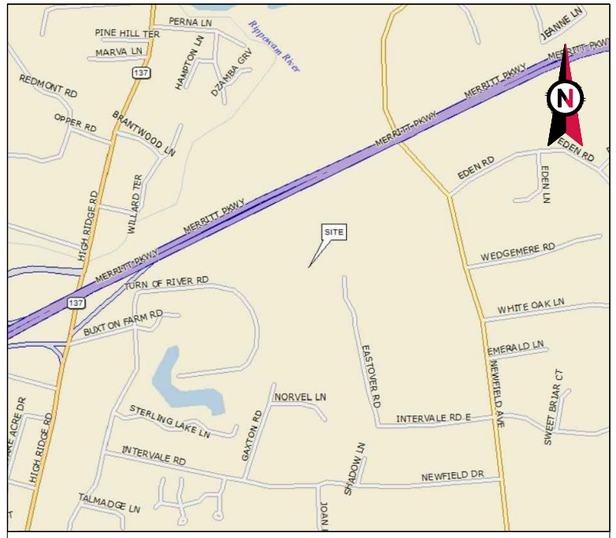
Attachments: Exhibit 1 – Construction Drawings
Exhibit 2 – Property Card and GIS
Exhibit 3 – Structural Analysis
Exhibit 4 – Mount Analysis
Exhibit 5 – RF Emissions Analysis Report Evaluation
Exhibit 6 – Available Original Tower Approval Records
Exhibit 7 – Notice Deliver Confirmations

cc: Caroline Simmons – Mayor – Chief Elected Official
Frank Conti – Land Use Inspector - as P&Z official
Verizon Wireless – as ground owner
American Tower Corporation - as tower owner

EXHIBIT 1



VICINITY MAP

AMERICAN TOWER®

ATC SITE NAME: SMFR - NORTH
ATC SITE NUMBER: 302515
VERIZON SITE NAME: N STAMFORD CT
VERIZON SITE NUMBER:467853
SITE ADDRESS: 5 HIGH RIDGE PARK ROAD
STAMFORD, CT 06905-1403

APPROVALS		
THE FOLLOWING PARTIES HEREBY APPROVE AND ACCEPT THESE DOCUMENTS & AUTHORIZE THE SUBCONTRACTOR TO PROCEED WITH CONSTRUCTION AS DESCRIBED HEREIN. ALL CONSTRUCTION DOCUMENTS ARE SUBJECT TO REVIEW BY THE LOCAL BUILDING DEPARTMENT & ANY CHANGES OR MODIFICATIONS THEY MAY IMPOSE.		
APPROVAL:	SIGNATURE:	DATE:
PROJECT MANAGER:		
SITE ACQUISITION:		
CONSTRUCTION MANAGER:		
SITE OWNER:		
VERIZON — RF ENGINEER		
VERIZON — DEVELOPMENT MANAGER		
VERIZON — CONSTRUCTION MANAGER		
VERIZON — OPS MANAGER		
VERIZON — PROJECT MANAGER		

VERIZON
ANTENNA 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. 2022 CT STATE BUILDING CODE (CSBC)
2. NATIONAL ELECTRIC CODE (NEC)
3. LOCAL BUILDING CODE
4. CITY/COUNTY ORDINANCES

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:

5 HIGH RIDGE PARK ROAD

STAMFORD, CT 06905-1403

COUNTY: FAIRFIELD

GEOGRAPHIC COORDINATES:

LATITUDE: 41.11275

LONGITUDE: -73.53835278

GROUND ELEVATION: 226' AMSL

PROJECT TEAM

TOWER OWNER:

AMERICAN TOWER
10 PRESIDENTIAL WAY
WOBURN, MA 01801

APPLICANT:

VERIZON WIRELESS

ENGINEER:

TEP NORTHEAST
45 BEECHWOOD DRIVE
NORTH ANDOVER, MA 01845

PROPERTY OWNER:

BELL ATLANTIC
5 HIGH RIDGE PARK ROAD
STAMFORD, CT 06905

PROJECT DESCRIPTION

THE PROPOSED PROJECT INCLUDES MODIFYING GROUND BASED AND TOWER MOUNTED EQUIPMENT AS INDICATED PER BELOW:
TOWER WORK:
REMOVE (8) ANTENNA(s), (12) RRH(s), AND (6) 1-5/8" COAX CABLE(S).

INSTALL MOUNT MODIFICATION(s), (16) ANTENNA(s), (16) RRH(s), (12) 1X2 HYBRID CABLE(s) AND (4) DIPLEXER(s).

EXISTING (2) OVP(s) AND (2) 6X12 HYBRID CABLE(s) TO REMAIN.

THE PROPOSED PROJECT DOES NOT INCLUDE ELECTRICAL SCOPE

PROJECT NOTES

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

PROJECT LOCATION DIRECTIONS

FROM HARTFORD TAKE I-91 SOUTH TO EXIT 16 FOR WILBUR CROSS PARKWAY (THIS TURNS IN MERRITT PARKWAY). STAY ON MERRITT TO EXIT 35. TURN RIGHT OFF EXIT, GO TO FIRST LIGHT AND TURN LEFT ON BUXTON FARMS RD. GO TO STOP SIGN AND TURN LEFT ON TURN OF RIVER ROAD. FOLLOW TO FIVE HIGH RIDGE PARK AND TURN LEFT. ACCESS ROAD ENTRANCE IS AT REAR LEFT OF PARKING LOT.

SHEET INDEX

SHEET NO:	DESCRIPTION:	REV:	DATE:	BY:
G-001	TITLE SHEET	1	01/05/24	GV
G-002	GENERAL NOTES	1	01/05/24	GV
C-101	DETAILED SITE PLAN	1	01/05/24	GV
C-201	TOWER ELEVATION	1	01/05/24	GV
C-401	ANTENNA INFORMATION & SCHEDULE	1	01/05/24	GV
C-501	CONSTRUCTION DETAILS	1	01/05/24	GV
E-501	GROUNDING DETAILS	1	01/05/24	GV
R-601	SUPPLEMENTAL			
	MOUNT MODIFICATIONS			

AMERICAN TOWER®

TOWER ENGINEERING PROFESSIONALS
326 TRYON ROAD
RALEIGH, NC 27603-3530
OFFICE: (919) 661-6351
www.tepgroup.net

REV.	DESCRIPTION	BY	DATE
A	PRELIM	EB	07/07/21
B	PRELIM REVISED	TR	12/29/22
0	FINALS	TR	02/28/23
1	FINALS REVISED	GV	01/08/24

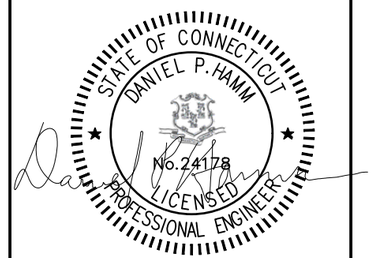
ATC SITE NUMBER:
302515

ATC SITE NAME:
SMFR - NORTH

VERIZON SITE NAME:
N STAMFORD CT

SITE ADDRESS:
5 HIGH RIDGE PARK ROAD
STAMFORD, CT 06905-1403

SEAL:



verizon

DATE DRAWN:	01/08/24
ATC JOB NO:	13678030_D1
CUSTOMER ID:	N STAMFORD CT
CUSTOMER #:	467853

TITLE SHEET

SHEET NUMBER:	REVISION:
G-001	1

GENERAL CONSTRUCTION NOTES:

1. OWNER FURNISHED MATERIALS, VERIZON "THE COMPANY" WILL PROVIDE AND THE CONTRACTOR WILL INSTALL
   - A. BTS EQUIPMENT FRAME (PLATFORM) AND ICEBRIDGE SHELTER (GROUND BUILD/CO-LOCATE ONLY)
   - B. AC/TELCO INTERFACE BOX (PPC)
   - C. ICE BRIDGE (CABLE TRAY WITH COVER) (GROUND BUILD/CO-LOCATE ONLY, GC TO FURNISH AND INSTALL FOR ROOFTOP INSTALLATION)
   - D. TOWERS, MONOPOLES
   - E. TOWER LIGHTING
   - F. GENERATORS & LIQUID PROPANE TANK
   - G. ANTENNA STANDARD BRACKETS, FRAMES AND PIPES FOR MOUNTING
   - H. ANTENNAS (INSTALLED BY OTHERS)
   - I. TRANSMISSION LINE
   - J. TRANSMISSION LINE JUMPERS
   - K. TRANSMISSION LINE CONNECTORS WITH WEATHERPROOFING KITS
   - L. TRANSMISSION LINE GROUND KITS
   - M. HANGERS
   - N. HOISTING GRIPS
   - O. BTS EQUIPMENT
2. THE CONTRACTOR IS RESPONSIBLE TO PROVIDE ALL OTHER MATERIALS FOR THE COMPLETE INSTALLATION OF THE SITE INCLUDING, BUT NOT LIMITED TO, SUCH MATERIALS AS FENCING, STRUCTURAL STEEL SUPPORTING SUB-FRAME FOR PLATFORM, ROOFING LABOR AND MATERIALS, GROUNDING RINGS, GROUNDING WIRES, COPPER-CLAD OR XIT CHEMICAL GROUND ROD(S), BUSS BARS, TRANSFORMERS AND DISCONNECT SWITCHES WHERE APPLICABLE, TEMPORARY ELECTRICAL POWER, CONDUIT, LANDSCAPING COMPOUND STONE, CRANES, CORE DRILLING, SLEEPERS AND RUBBER MATTING, REBAR, CONCRETE CAISSONS, PADS AND/OR AUGER MOUNTS, MISCELLANEOUS FASTENERS, CABLE TRAYS, NON-STANDARD ANTENNA FRAMES AND ALL OTHER MATERIAL AND LABOR REQUIRED TO COMPLETE THE JOB ACCORDING TO THE DRAWINGS AND SPECIFICATIONS. IT IS THE POSITION OF VERIZON TO APPLY FOR PERMITTING AND CONTRACTOR RESPONSIBLE FOR PICKUP AND PAYMENT OF REQUIRED PERMITS.
3. ALL WORK SHALL CONFORM TO ALL CURRENT APPLICABLE FEDERAL, STATE, AND LOCAL CODES, INCLUDING ANSI/EIA/TIA-222, AND COMPLY WITH ATC CONSTRUCTION SPECIFICATIONS.
4. CONTRACTOR SHALL CONTACT LOCAL 811 FOR IDENTIFICATION OF UNDERGROUND UTILITIES PRIOR TO START OF CONSTRUCTION.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL REQUIRED INSPECTIONS.
6. ALL DIMENSIONS TO, OF, AND ON EXISTING BUILDINGS, DRAINAGE STRUCTURES, AND SITE IMPROVEMENTS SHALL BE VERIFIED IN FIELD BY CONTRACTOR WITH ALL DISCREPANCIES REPORTED TO THE ENGINEER.
7. DO NOT CHANGE SIZE OR SPACING OF STRUCTURAL ELEMENTS.
8. DETAILS SHOWN ARE TYPICAL; SIMILAR DETAILS APPLY TO SIMILAR CONDITIONS UNLESS OTHERWISE NOTED.
9. THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY WHICH SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
10. CONTRACTOR SHALL BRACE STRUCTURES UNTIL ALL STRUCTURAL ELEMENTS NEEDED FOR STABILITY ARE INSTALLED. THESE ELEMENTS ARE AS FOLLOWS: LATERAL BRACING, ANCHOR BOLTS, ETC.
11. CONTRACTOR SHALL DETERMINE EXACT LOCATION OF EXISTING UTILITIES, GROUNDS DRAINS, DRAIN PIPES, VENTS, ETC. BEFORE COMMENCING WORK.
12. INCORRECTLY FABRICATED, DAMAGED, OR OTHERWISE MISFITTING OR NONCONFORMING MATERIALS OR CONDITIONS SHALL BE REPORTED TO THE VERIZON REP PRIOR TO REMEDIAL OR CORRECTIVE ACTION. ANY SUCH REMEDIAL ACTION SHALL REQUIRE WRITTEN APPROVAL BY THE VERIZON REP PRIOR TO PROCEEDING.
13. EACH CONTRACTOR SHALL COOPERATE WITH THE VERIZON REP, AND COORDINATE HIS WORK WITH THE WORK OF OTHERS.
14. CONTRACTOR SHALL REPAIR ANY DAMAGE CAUSED BY CONSTRUCTION OF THIS PROJECT TO MATCH EXISTING PRE-CONSTRUCTION CONDITIONS TO THE SATISFACTION OF THE VERIZON CONSTRUCTION MANAGER.
15. ALL CABLE/CONDUIT ENTRY/EXIT PORTS SHALL BE WEATHERPROOFED DURING INSTALLATION USING A SILICONE SEALANT.
16. WHERE EXISTING CONDITIONS DO NOT MATCH THOSE SHOWN IN THIS PLAN SET, CONTRACTOR SHALL NOTIFY THE VERIZON REP AND ENGINEER OF RECORD IMMEDIATELY.
17. CONTRACTOR SHALL ENSURE ALL SUBCONTRACTORS ARE PROVIDED WITH A COMPLETE AND CURRENT SET OF DRAWINGS AND SPECIFICATIONS FOR THIS PROJECT.
18. CONTRACTOR SHALL REMOVE ALL RUBBISH AND DEBRIS FROM THE SITE AT THE END OF EACH DAY.
19. CONTRACTOR SHALL COORDINATE WORK SCHEDULE WITH AMERICAN TOWER CORPORATION (ATC) AND TAKE PRECAUTIONS TO MINIMIZE IMPACT AND DISRUPTION OF OTHER OCCUPANTS OF THE FACILITY.
20. CONTRACTOR SHALL FURNISH VERIZON AND AMERICAN TOWER CORPORATION (ATC) WITH A PDF MARKED UP AS-BUILT SET OF DRAWINGS UPON COMPLETION OF WORK.
21. PRIOR TO SUBMISSION OF BID, CONTRACTOR SHALL COORDINATE WITH VERIZON REP TO DETERMINE WHAT, IF ANY, ITEMS WILL BE PROVIDED. ALL ITEMS NOT PROVIDED SHALL BE PROVIDED AND INSTALLED BY THE CONTRACTOR. CONTRACTOR WILL INSTALL ALL ITEMS PROVIDED.
22. PRIOR TO SUBMISSION OF BID, CONTRACTOR SHALL COORDINATE WITH VERIZON REP TO DETERMINE IF ANY PERMITS WILL BE OBTAINED BY CONTRACTOR. ALL REQUIRED PERMITS NOT OBTAINED BY VERIZON MUST BE OBTAINED, AND PAID FOR, BY THE CONTRACTOR.
23. CONTRACTOR SHALL INSTALL ALL SITE SIGNAGE IN ACCORDANCE WITH VERIZON SPECIFICATIONS AND REQUIREMENTS.
24. CONTRACTOR SHALL SUBMIT ALL SHOP DRAWINGS TO VERIZON FOR REVIEW AND APPROVAL PRIOR TO FABRICATION.
25. ALL EQUIPMENT SHALL BE INSTALLED ACCORDING TO MANUFACTURER'S SPECIFICATIONS AND LOCATED ACCORDING TO VERIZON SPECIFICATIONS, AND AS SHOWN IN THESE PLANS.
26. THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE PROJECT DESCRIBED HEREIN. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL THE CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES AND FOR COORDINATING ALL PORTIONS OF THE WORK UNDER THE CONTRACT.
27. CONTRACTOR SHALL NOTIFY VERIZON REP A MINIMUM OF 48 HOURS IN ADVANCE OF POURING CONCRETE OR BACKFILLING ANY UNDERGROUND UTILITIES, FOUNDATIONS OR SEALING ANY WALL, FLOOR OR ROOF PENETRATIONS FOR ENGINEERING REVIEW AND APPROVAL.
28. 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.
29. 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.
30. 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.
31. 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.
32. 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.
33. 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.

STRUCTURAL STEEL NOTES:

1. STRUCTURAL STEEL SHALL CONFORM TO THE LATEST EDITION OF THE AISC "SPECIFICATION FOR THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS."
2. STRUCTURAL STEEL ROLLED SHAPES, PLATES AND BARS SHALL CONFORM TO THE FOLLOWING ASTM DESIGNATIONS:
   - A. ASTM A-572, GRADE 50 - ALL W SHAPES, UNLESS NOTED OR A992 OTHERWISE
   - B. ASTM A-36 - ALL OTHER ROLLED SHAPES, PLATES AND BARS UNLESS NOTED OTHERWISE.
   - C. ASTM A-500, GRADE B - HSS SECTION (SQUARE, RECTANGULAR, AND ROUND)
   - D. ASTM A-325, TYPE SC OR N - ALL BOLTS FOR CONNECTING STRUCTURAL MEMBERS
   - E. ASTM F-1554 07 - ALL ANCHOR BOLTS, UNLESS NOTED OTHERWISE
3. ALL EXPOSED STRUCTURAL STEEL MEMBERS SHALL BE HOT-DIPPED GALVANIZED AFTER FABRICATION PER ASTM A123. EXPOSED STEEL HARDWARE AND ANCHOR BOLTS SHALL BE GALVANIZED PER ASTM A153 OR B695.
4. ALL FIELD CUT SURFACES, FIELD DRILLED HOLES AND GROUND SURFACES WHERE EXISTING PAINT OR GALVANIZATION REMOVAL WAS REQUIRED SHALL BE REPAIRED WITH (2) BRUSHED COATS OF ZRC GALVILITE COLD GALVANIZING COMPOUND PER ASTM A780 AND MANUFACTURER'S RECOMMENDATIONS.
5. DO NOT DRILL HOLES THROUGH STRUCTURAL STEEL MEMBERS EXCEPT AS SHOWN AND DETAILED ON STRUCTURAL DRAWINGS.
6. CONNECTIONS:
   - A. ALL WELDING TO BE PERFORMED BY AWS CERTIFIED WELDERS AND CONDUCTED IN ACCORDANCE WITH THE LATEST EDITION OF THE AWS WELDING CODE D1.1.
   - B. ALL WELDS SHALL BE INSPECTED VISUALLY. 25% OF WELDS SHALL BE INSPECTED WITH DYE PENETRANT OR MAGNETIC PARTICLE TO MEET THE ACCEPTANCE CRITERIA OF AWS D1.1. REPAIR ALL WELDS AS NECESSARY.
   - C. INSPECTION SHALL BE PERFORMED BY AN AWS CERTIFIED WELD INSPECTOR.
   - D. IT IS THE CONTRACTORS RESPONSIBILITY TO PROVIDE BURNING/WELDING PERMITS AS REQUIRED BY LOCAL GOVERNING AUTHORITY AND IF REQUIRED SHALL HAVE FIRE DEPARTMENT DETAIL FOR ANY WELDING ACTIVITY.
   - E. ALL ELECTRODES TO BE LOW HYDROGEN, MATCHING FILLER METAL, PER AWS D1.1, UNLESS NOTED OTHERWISE.
   - F. MINIMUM WELD SIZE TO BE 0.1875 INCH FILLET WELDS, UNLESS NOTED OTHERWISE.
   - G. PRIOR TO FIELD WELDING GALVANIZING MATERIAL, CONTRACTOR SHALL GRIND OFF GALVANIZING ½" BEYOND ALL FIELD WELD SURFACES. AFTER WELD AND WELD INSPECTION IS COMPLETE, REPAIR ALL GROUND AND WELDED SURFACES WITH ZRC GALVILITE COLD GALVANIZING COMPOUND PER ASTM A780 AND MANUFACTURERS RECOMMENDATIONS.
   - H. THE CONTRACTOR SHALL PROVIDE ADEQUATE SHORING AND/OR BRACING WHERE REQUIRED DURING CONSTRUCTION UNTIL ALL CONNECTIONS ARE COMPLETE.
   - I. ANY FIELD CHANGES OR SUBSTITUTIONS SHALL HAVE PRIOR APPROVAL FROM THE ENGINEER, AND T- MOBILE PROJECT MANAGER IN WRITING

SPECIAL CONSTRUCTION ANTENNA INSTALLATION NOTES:

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

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

AMERICAN TOWER®

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RALEIGH, NC 27603-3530
OFFICE: (919) 661-6351
www.tepgroup.net

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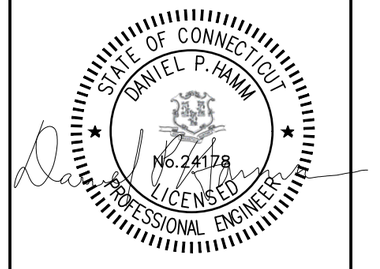
SMFR - NORTH

VERIZON SITE NAME:
N STAMFORD CT

SITE ADDRESS:
5 HIGH RIDGE PARK ROAD
STAMFORD, CT 06905-1403

SEAL:



verizon

DATE DRAWN:	01/08/24
ATC JOB NO:	13678030_D1
CUSTOMER ID:	N STAMFORD CT
CUSTOMER #:	467853

GENERAL NOTES

SHEET NUMBER:	REVISION:
G-002	1

SITE PLAN NOTES:

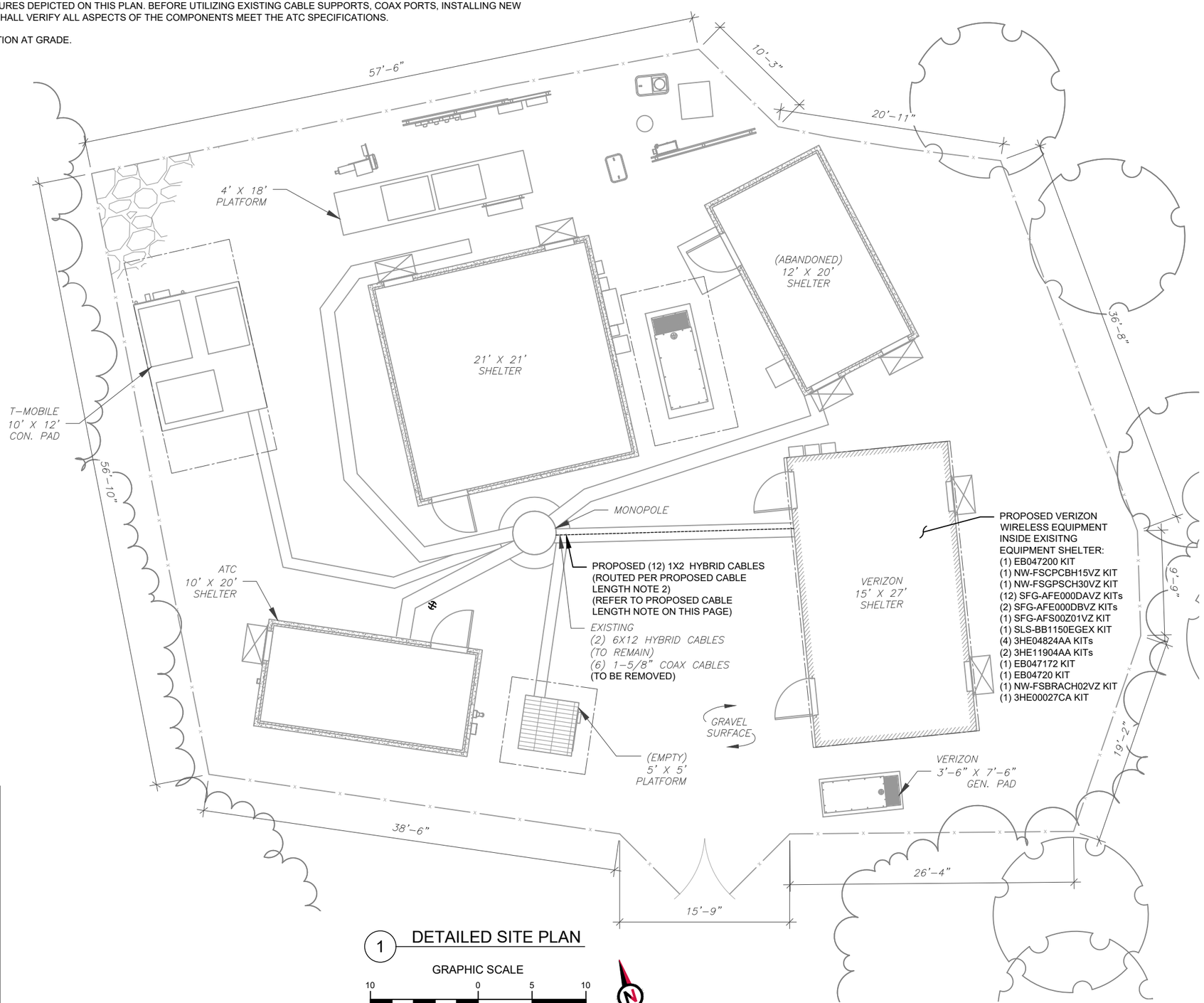
1. THIS SITE PLAN REPRESENTS THE BEST PRESENT KNOWLEDGE AVAILABLE TO THE ENGINEER AT THE TIME OF THIS DESIGN. THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO CONSTRUCTION AND VERIFY ALL EXISTING CONDITIONS RELATED TO THE SCOPE OF WORK FOR THIS PROJECT.

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. THIS PROJECT INCLUDES NO INSTALL OR MODIFICATION AT GRADE.

LEGEND

⊗	GROUNDING TEST WELL
ATS	AUTOMATIC TRANSFER SWITCH
B	BOLLARD
CSC	CELL SITE CABINET
D	DISCONNECT
E	ELECTRICAL
F	FIBER
GEN	GENERATOR
G	GENERATOR RECEPTACAL
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
——x——	CHAINLINK FENCE



1 DETAILED SITE PLAN

GRAPHIC SCALE

10 0 5 10

(IN FEET)
1 UNIT = 10 FEET

PROPOSED CABLE LENGTH:

1. ESTIMATED LENGTH OF PROPOSED CABLE IS **190'±** . ESTIMATED LENGTH OF CABLE WAS PROVIDED BY CUSTOMER OR CALCULATED BY ADDING THE RAD CENTER AND THE DISTANCE FROM THE SHELTER ENTRY PLATE TO THE TOWER (ALONG THE ICE BRIDGE) AND A SAFETY FACTOR MEASUREMENT OF 15% (OF THE TWO PREVIOUS VALUES), CDS DEFER TO GREATEST CABLE LENGTH.
2. ROUTE PROPOSED CABLES ALONG SAME PATH AS EXISTING CABLES AND IN ACCORDANCE WITH STRUCTURAL ANALYSIS. IF ADEQUATE SPACE EXISTS, ROUTE CABLES THROUGH ENTRY PORT HOLE, UP INSIDE OF MONOPOLE, AND THROUGH EXIT PORT HOLE. IF ROUTING OUTSIDE THE MONOPOLE, ATTACH CABLES USING STAND-OFF ADAPTERS MOUNTED TO TOWER USING STAINLESS STEEL BANDING. ADEQUATELY SECURE CABLES USING EITHER APPROPRIATELY SIZED STAINLESS STEEL SNAP-INS OR MOUNTING HARDWARE AND BRACKETS AS SPECIFIED BY CABLE MANUFACTURER.

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0	FINALS	TR	02/28/23
1	FINALS REVISED	GV	01/08/24

ATC SITE NUMBER:
302515

ATC SITE NAME:
SMFR - NORTH

VERIZON SITE NAME:
N STAMFORD CT

SITE ADDRESS:
5 HIGH RIDGE PARK ROAD
STAMFORD, CT 06905-1403

SEAL:

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

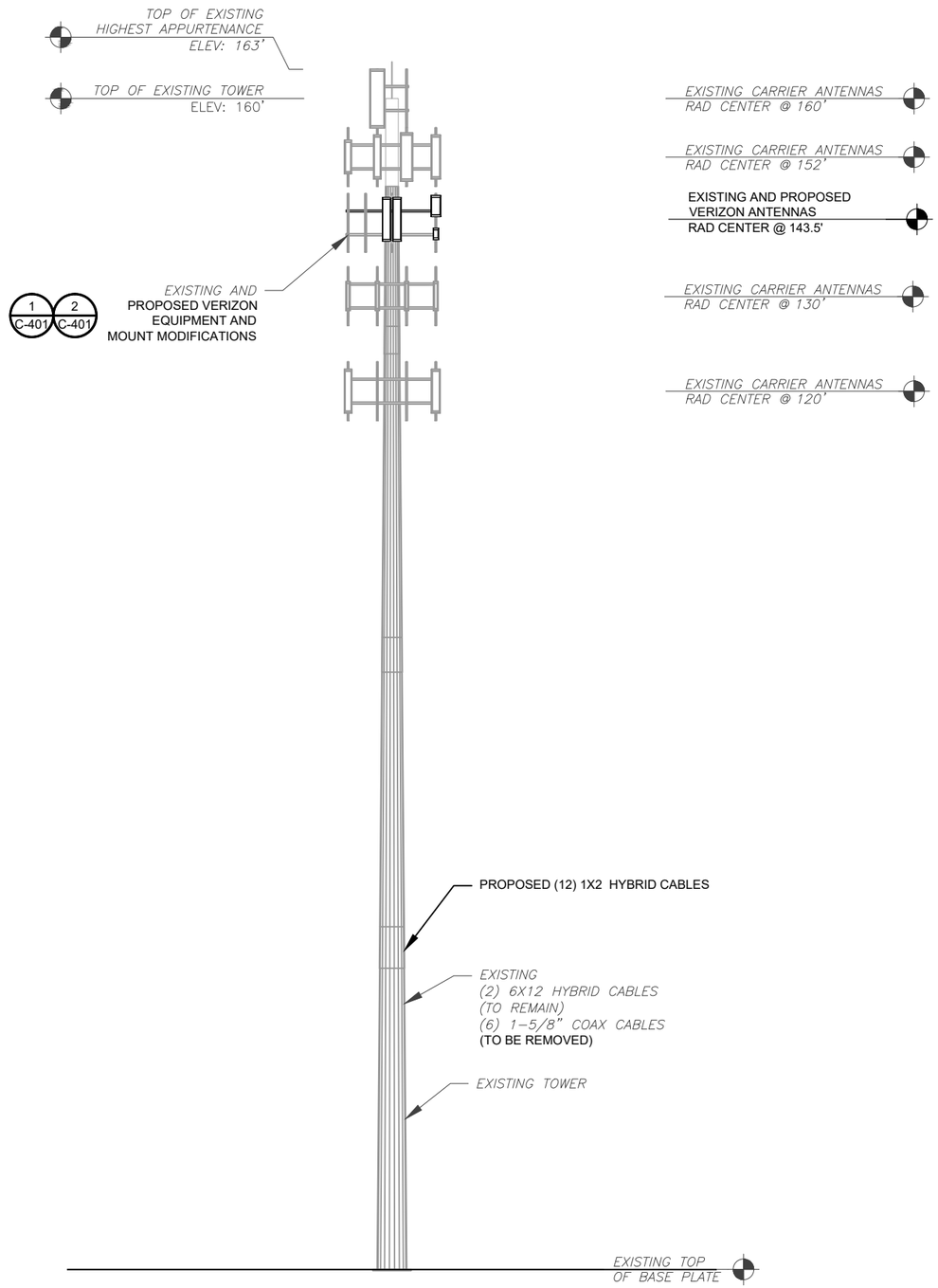
verizon

DATE DRAWN:	01/08/24
ATC JOB NO:	13678030_D1
CUSTOMER ID:	N STAMFORD CT
CUSTOMER #:	467853

DETAILED SITE PLAN

SHEET NUMBER: C-101

REVISION: 1



1 TOWER ELEVATION
SCALE: N.T.S.

PER MOUNT ANALYSIS COMPLETED BY COLLIERS ENGINEERING & DESIGN, DATED 10/31/23, THE EXISTING MOUNT MUST BE MODIFIED TO ADEQUATELY SUPPORT THE PROPOSED LOADING. THE MOUNT MODIFICATION DETAILED AT THE END OF THIS PLAN SET, MUST BE INSTALLED PRIOR TO THE INSTALLATION OF THE PROPOSED ANTENNAS AND OTHER EQUIPMENT.

TOWER NOTES:

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. ROUTE PROPOSED CABLES ALONG SAME PATH AS EXISTING CABLES AND IN ACCORDANCE WITH STRUCTURAL ANALYSIS. IF ADEQUATE SPACE EXISTS, ROUTE CABLES THROUGH ENTRY PORT HOLE, UP INSIDE OF MONOPOLE, AND THROUGH EXIT PORT HOLE. IF ROUTING OUTSIDE THE MONOPOLE, ATTACH CABLES USING STAND-OFF ADAPTERS MOUNTED TO TOWER USING STAINLESS STEEL BANDING. ADEQUATELY SECURE CABLES USING EITHER APPROPRIATELY SIZED STAINLESS STEEL SNAP-INS OR MOUNTING HARDWARE AND BRACKETS AS SPECIFIED BY CABLE MANUFACTURER.
4. TOWER ELEVATIONS ARE MEASURED FROM TOP OF BASE PLATE TO MATCH STRUCTURAL ANALYSIS. ELEVATIONS DO NOT REFLECT TRUE ABOVE GROUND LEVEL (A.G.L.)

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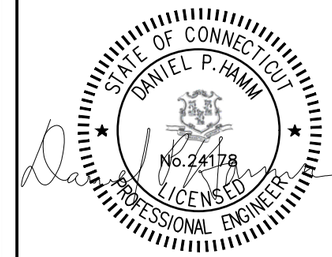
SMFR - NORTH

VERIZON SITE NAME:
N STAMFORD CT

SITE ADDRESS:
5 HIGH RIDGE PARK ROAD
STAMFORD, CT 06905-1403

SEAL:

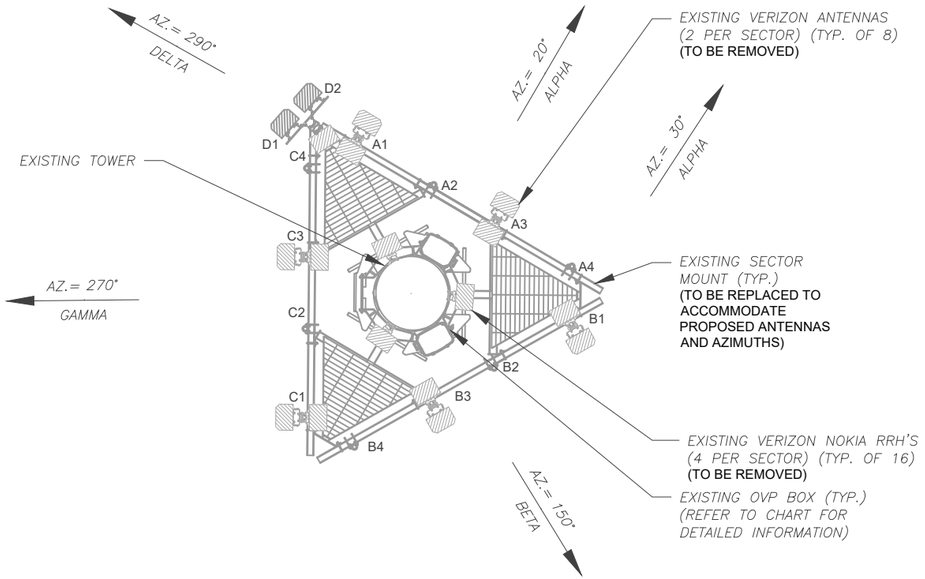


verizon

DATE DRAWN:	01/08/24
ATC JOB NO:	13678030_D1
CUSTOMER ID:	N STAMFORD CT
CUSTOMER #:	467853

TOWER ELEVATION

SHEET NUMBER:	REVISION:
C-201	1

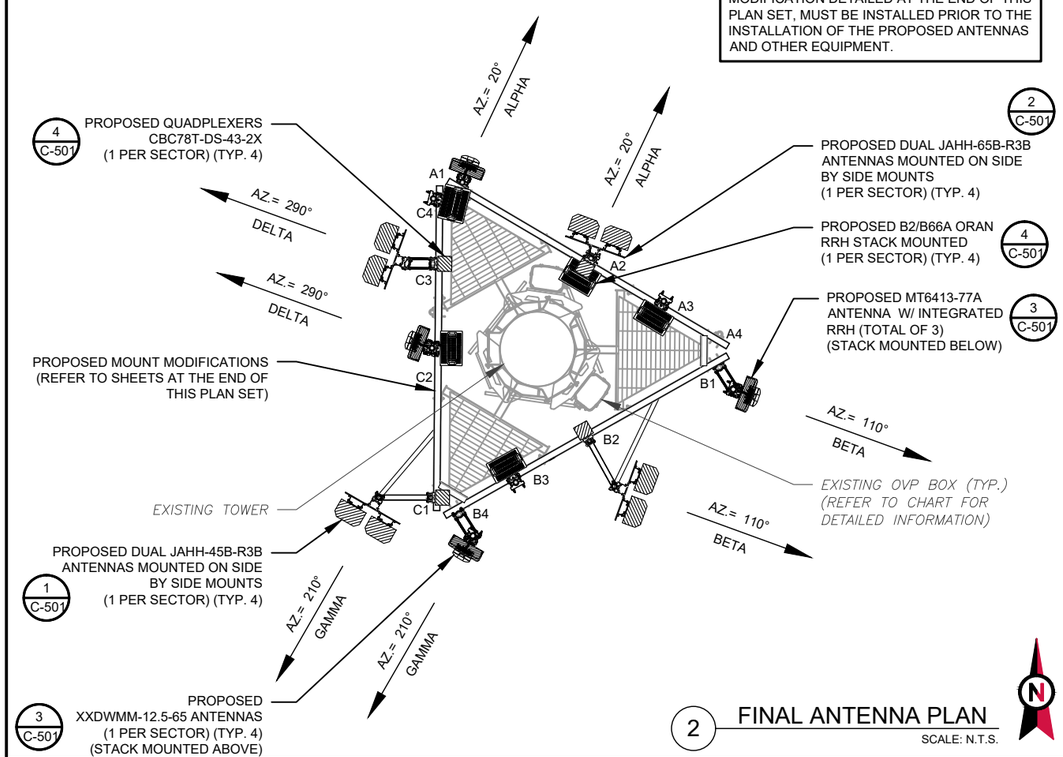


1 EXISTING ANTENNA PLAN

SCALE: N.T.S.

CONTRACTOR SHALL RE-ORIENT ANTENNA MOUNT(s) AS NECESSARY TO ACHIEVE PROPOSED ANTENNA AZIMUTHS

PER MOUNT ANALYSIS COMPLETED BY COLLIERS ENGINEERING & DESIGN, DATED 10/31/23, THE EXISTING MOUNT MUST BE MODIFIED TO ADEQUATELY SUPPORT THE PROPOSED LOADING. THE MOUNT MODIFICATION DETAILED AT THE END OF THIS PLAN SET, MUST BE INSTALLED PRIOR TO THE INSTALLATION OF THE PROPOSED ANTENNAS AND OTHER EQUIPMENT.



2 FINAL ANTENNA PLAN

SCALE: N.T.S.

EXISTING ANTENNA SCHEDULE

LOCATION			ANTENNA SUMMARY					NON ANTENNA SUMMARY	
SECTOR	RAD	AZ	POS	ANTENNA	BAND	MECH/ELEC D-TILT	STATUS	ADDITIONAL TOWER MOUNTED EQUIPMENT	STATUS
ALPHA	143.5'	20°	A1	SBNHH-1D45B	LTE	0/0	RMV	UHBA B13 RRH 4X30 UHFA B25 RRH 4X30	RMV
			A2	–	–	–	–	–	–
			A3	SBNHH-1D65B	LTE	0/0	RMV	UHFA B25 RRH 4X30 UHIC B4 RRH 2X60-4R	RMV
			A4	–	–	–	–	–	–
BETA	143.5'	150°	B1	SBNHH-1D45B	LTE	0/0	RMV	UHBA B13 RRH 4X30 UHFA B25 RRH 4X30	RMV
			B2	–	–	–	–	–	–
			B3	SBNHH-1D65B	LTE	0/0	RMV	UHFA B25 RRH 4X30 UHIC B4 RRH 2X60-4R	RMV
			B4	–	–	–	–	–	–
GAMMA	143.5'	270°	C1	SBNHH-1D45B	LTE	0/0	RMV	UHBA B13 RRH 4X30 UHFA B25 RRH 4X30	RMV
			C2	–	–	–	–	–	–
			C3	SBNHH-1D65B	LTE	0/0	RMV	UHFA B25 RRH 4X30 UHIC B4 RRH 2X60-4R	RMV
			C4	–	–	–	–	–	–
DELTA	143.5'	290°	D1	SBNHH-1D45B	LTE	0/0	RMV	UHBA B13 RRH 4X30 UHFA B25 RRH 4X30	RMV
			D2	SBNHH-1D65B	LTE	0/0	RMV	UHFA B25 RRH 4X30 UHIC B4 RRH 2X60-4R	RMV

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	MECH/ELEC D-TILT	STATUS	ADDITIONAL TOWER MOUNTED EQUIPMENT	STATUS
ALPHA	141.5'	20°	A1	XXDWMM-12.5-65	LTE	0/1	ADD	-	-
	145.3'		A1	MT6413-77A w/integrated RRH	5G	0/3	-	-	-
	143.5'		A2	JAHH-65B-R3B JAHH-65B-R3B	LTE 5G LTE 5G	-	ADD ADD	B2/B66A ORAN RRH CBC78T-DS-43-2X QUADPLEXER	ADD ADD
			A3	-	-	-	-	RF4461D-13A	ADD
			A4	-	-	-	-	-	-
BETA	141.5'	110°	B1	XXDWMM-12.5-65	LTE	-	ADD	-	-
	145.3'		B1	MT6407-77A w/integrated RRH	5G	-	-	-	-
	143.5'		B2	JAHH-45B-R3B JAHH-45B-R3B	LTE 5G LTE 5G	-	ADD ADD	B2/B66A ORAN RRH CBC78T-DS-43-2X QUADPLEXER	ADD ADD
			B3	-	-	-	-	RF4461D-13A	ADD
GAMMA	141.5'	210°	B4	XXDWMM-12.5-65	LTE	-	ADD	-	-
	145.3'		B4	MT6407-77A w/integrated RRH	5G	-	-	-	-
	143.5'		C1	JAHH-65B-R3B JAHH-65B-R3B	LTE 5G LTE 5G	-	ADD ADD	B2/B66A ORAN RRH CBC78T-DS-43-2X QUADPLEXER	ADD ADD
DELTA	141.5'	290°	C2	XXDWMM-12.5-65	LTE	-	ADD	-	-
	145.3'		C2	MT6407-77A w/integrated RRH	5G	-	-	-	-
	143.5'		C3	-	-	-	-	-	-
			C4	JAHH-65B-R3B JAHH-65B-R3B	LTE 5G LTE 5G	-	ADD ADD	B2/B66A ORAN RRH CBC78T-DS-43-2X QUADPLEXER	ADD ADD
			C5	-	-	-	-	RF4461D-13A	ADD

FIBER DISTRIBUTION/OVP BOX		CABLING SUMMARY		
MODEL NUMBER	STATUS	COAX	HYBRID	STATUS
(2) OPV BOX (6 CIRCUIT)	RMN	-	(2) 6X12	RMN
-	-	(6) 1-5/8"	-	RMV
-	-	-	(12) 1X2	ADD

3 EQUIPMENT SCHEDULES

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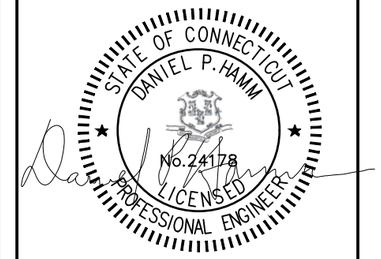
SMFR - NORTH

VERIZON SITE NAME:
N STAMFORD CT

SITE ADDRESS:
5 HIGH RIDGE PARK ROAD
STAMFORD, CT 06905-1403

SEAL:



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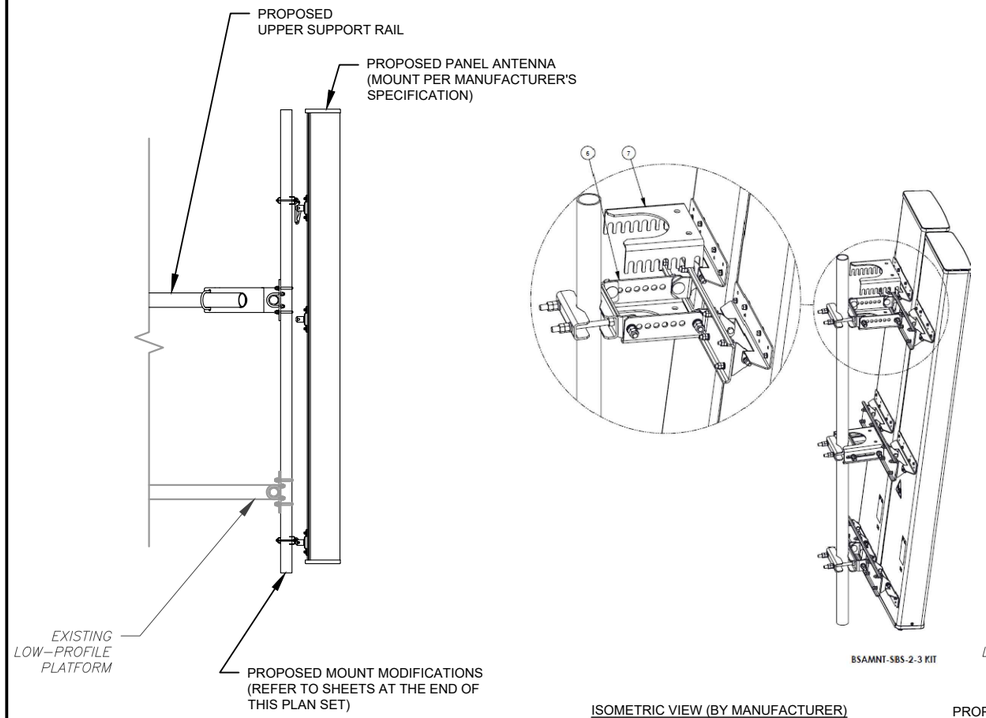
DATE DRAWN:	01/08/24
ATC JOB NO:	13678030_D1
CUSTOMER ID:	N STAMFORD CT
CUSTOMER #:	467853

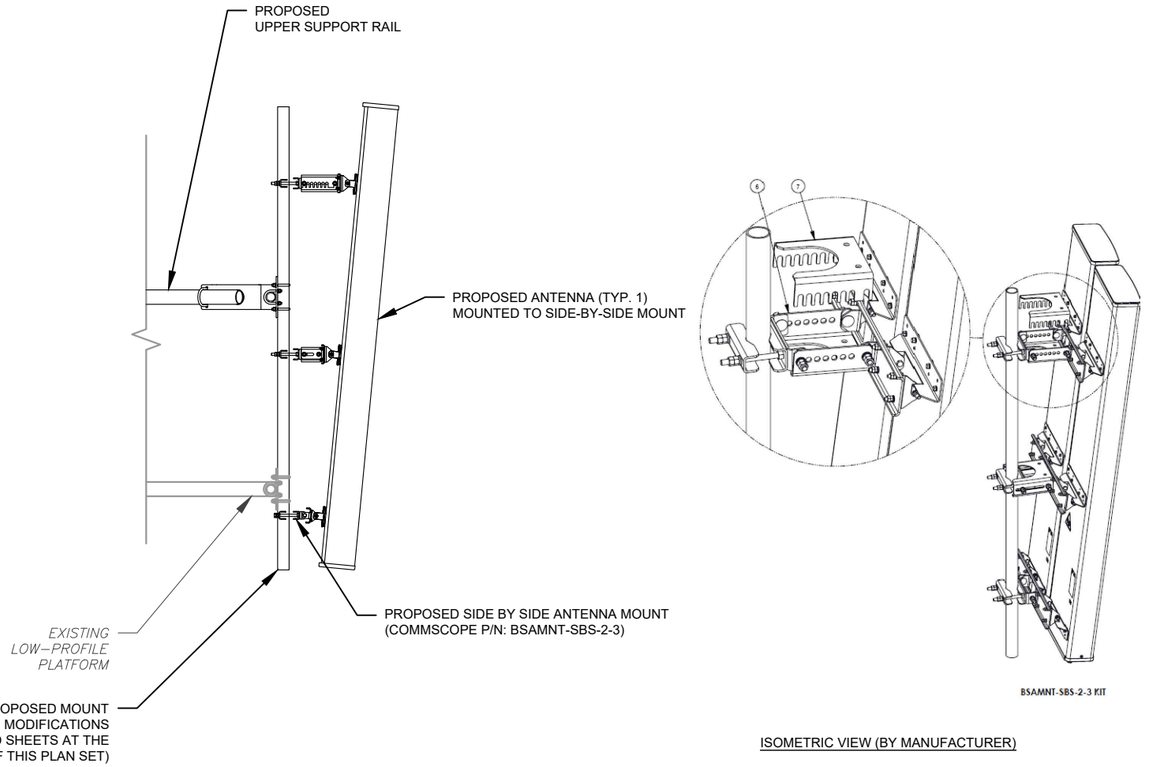
ANTENNA INFORMATION & SCHEDULE

SHEET NUMBER:	REVISION:
C-401	1



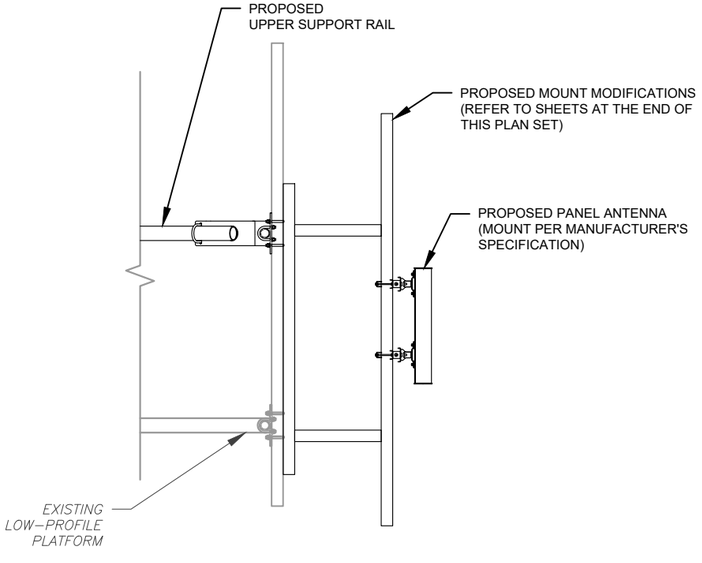
1 PROPOSED ANTENNA MOUNT DETAIL

SCALE: NOT TO SCALE



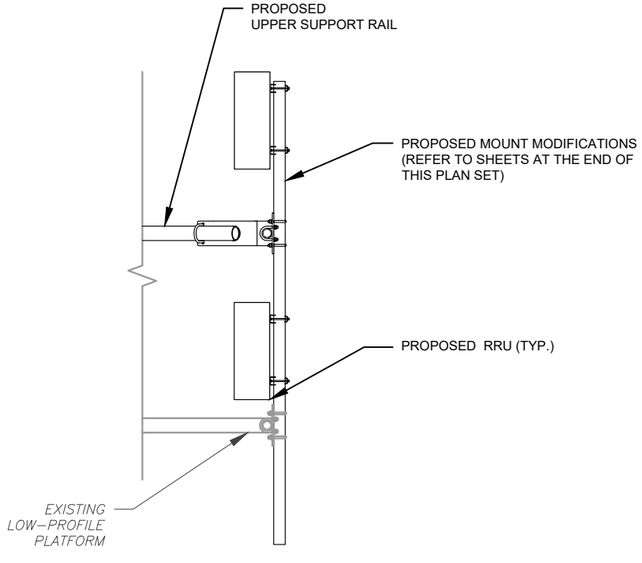
2 PROPOSED SIDE-BY-SIDE MOUNT DETAIL

SCALE: NOT TO SCALE



3 PROPOSED 5G ANTENNA MOUNTING DETAIL

SCALE: N.T.S.



4 PROPOSED RRU MOUNTING DETAIL (ELEVATION)

SCALE: NOT TO SCALE

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ATC SITE NUMBER:
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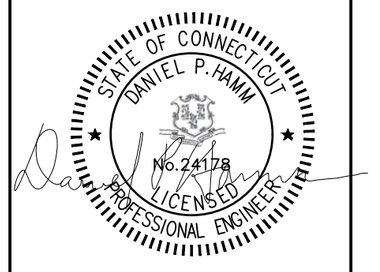
ATC SITE NAME:
SMFR - NORTH

VERIZON SITE NAME:
N STAMFORD CT

SITE ADDRESS:
5 HIGH RIDGE PARK ROAD
STAMFORD, CT 06905-1403

SEAL:

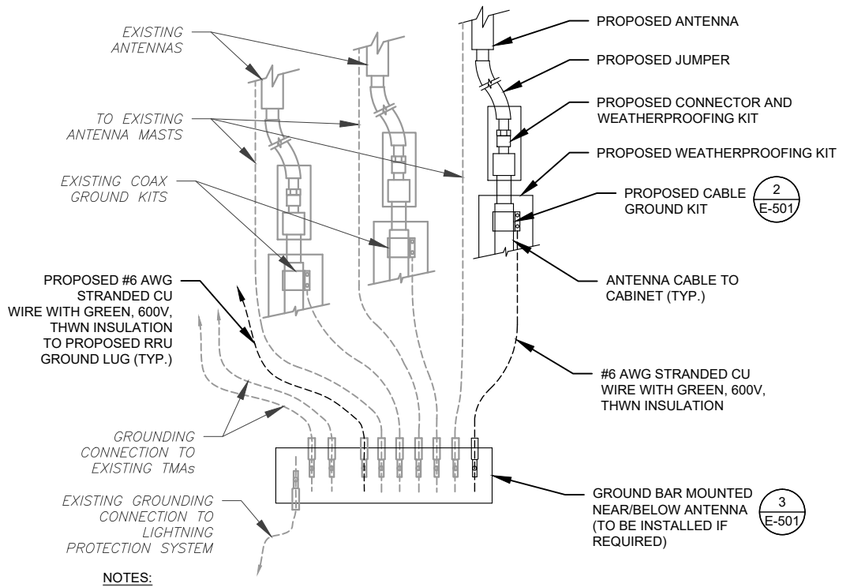


verizon

DATE DRAWN:	01/08/24
ATC JOB NO:	13678030_D1
CUSTOMER ID:	N STAMFORD CT
CUSTOMER #:	467853

CONSTRUCTION
DETAILS

SHEET NUMBER:	REVISION:
C-501	1

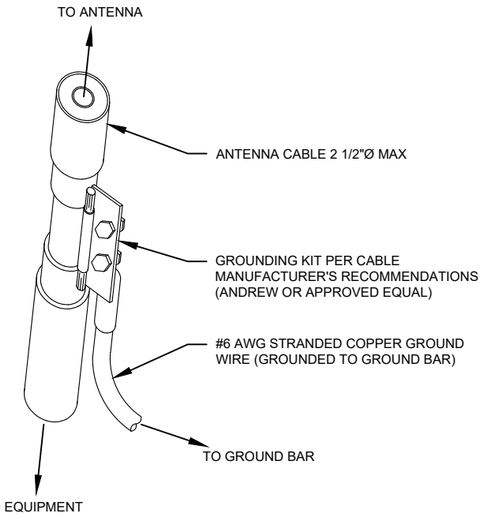


NOTES:

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.

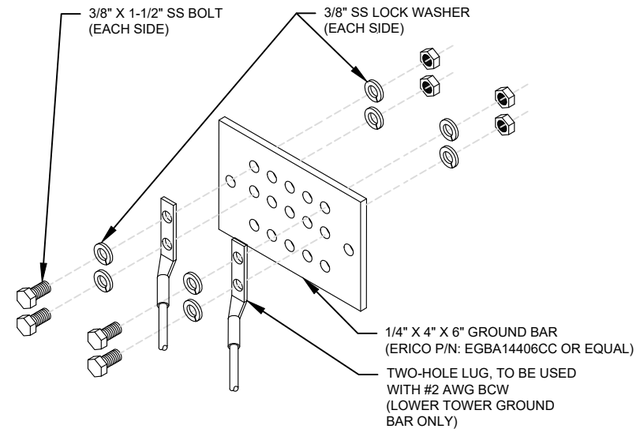


GROUND KIT NOTES:

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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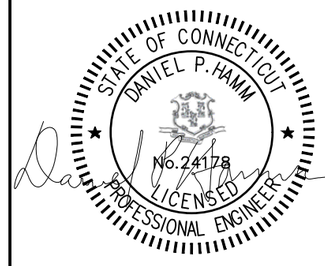

verizon

DATE DRAWN:	01/08/24
ATC JOB NO:	13678030_D1
CUSTOMER ID:	N STAMFORD CT
CUSTOMER #:	467853

GROUNDING DETAILS

SHEET NUMBER:	REVISION:
E-501	1

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

Post-Modification Antenna Mount Analysis Report and PMI Requirements

Mount Fix

SMART Tool Project #: 10212446
Colliers Engineering & Design Project #: 21777939 (Rev 2)

October 31, 2023

Site Information

Site ID:	*5000385094-VZW / N STAMFORD CT*
Site Name:	*N STAMFORD CT*
Carrier Name:	*Verizon Wireless*
Address:	*1590 Newfield Ave.* *Stamford, Connecticut 06905* *Fairfield County*
Latitude:	*41.112750°*
Longitude:	*-73.538353°*

Structure Information

Tower Type:	*170-Ft Monopole*
Mount Type:	*12.00-Ft Platform*

FUZE ID # 16045709

Analysis Results

Platform: **82.8% Pass w/ Modifications***

***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: David Anuka

STATE OF CONNECTICUT
DEJIAN XU
No. 33733
LICENSED
PROFESSIONAL ENGINEER
10/31/2023

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

Ice Thickness (In)	Mount Pipes Excluded		Mount Pipes Included	
	Front (EPA)a (Sq. Ft.)	Side (EPA)a (Sq. Ft.)	Front (EPA)a (Sq. Ft.)	Side (EPA)a (Sq. Ft.)
0	39.1	38.8	55.7	55.4
0.5	49.7	50.3	73.9	73.3
1	59.8	60.9	91.5	90.4

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 mounts will be **SUFFICIENT** for the final loading configuration (Attachment 2) after the modifications detailed in Attachment 3 are successfully completed.

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

Attachments:

1. **Contractor Required PMI Report Deliverables**
2. Antenna Placement Diagrams
3. Mount Modification Drawings
4. Mount Photos
5. Mount Mapping Report (for reference only)
6. 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 VERIFY THEY HAVE THE MOST RECENT MOUNT ANALYSIS PRIOR TO CONSTRUCTION.

SUPPLEMENTAL

SHEET NUMBER: R-601

REVISION: 1

verizon

MOUNT MODIFICATION DRAWINGS
EXISTING 12.00' PLATFORM

TOWER OWNER: UNKNOWN
TOWER OWNER SITE NUMBER: UNKNOWN

CARRIER SITE NAME: N STAMFORD CT
CARRIER SITE NUMBER: 5000385094
FUZE ID: 16045709

1590 NEWFIELD AVE.
STAMFORD, CT 06905
FAIRFIELD COUNTY

LATITUDE: 41.11275° N
LONGITUDE: 73.538353° W

DESIGN CRITERIA

WIND LOADS

BASIC WIND SPEED (3 SECOND GUST), V = 120 MPH
EXPOSURE CATEGORY B
TOPOGRAPHIC CATEGORY: 1
TOPOGRAPHIC CONSIDERED: N/A
TOPOGRAPHIC METHOD: N/A
MEAN BASE ELEVATION (AMSL) = 226.51'

ICE LOADS

ICE WIND SPEED (3 SECOND GUST), V = 50 MPH
ICE THICKNESS = 1.00 IN

SEISMIC LOADS

SEISMIC DESIGN CATEGORY B
SHORT TERM MCER GROUND MOTION, S_S = .261
LONG TERM MCER GROUND MOTION, S_1 = .058

PROJECT INFORMATION

APPLICANT/LESSEE

COMPANY: VERIZON WIRELESS

CLIENT REPRESENTATIVE

COMPANY: VERIZON WIRELESS

PROJECT MANAGER

COMPANY: COLLIERS ENGINEERING & DESIGN
CONTACT: PETER ALBANO
PHONE: 856.797.0412
E-MAIL: PETER.ALBANO@COLLIERSENG.COM

CONTRACTOR PMI REQUIREMENTS

PMI LOCATION: HTTPS://PMI.VZWSMART.COM
SMART TOOL PROJECT #: 10209621
VZW MDG #: 5000385094
ANALYSIS DATE: 9/19/2023

PMI REQUIREMENTS EMBEDDED WITHIN MOUNT MODIFICATION REPORT

SHEET INDEX

SHEET	DESCRIPTION
ST-1	TITLE SHEET
SBOM-1	BILL OF MATERIALS
SGN-1	GENERAL NOTES
SCF-1	CLIMBING FACILITY DETAIL
SS-1	MODIFICATION DETAILS
SS-2	MODIFICATION DETAILS
SS-3	MOUNT PHOTOS
	SPECIFICATION SHEETS

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5000385094

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FAIRFIELD COUNTY

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STAMFORD
1055 Washington Boulevard
Stamford, CT 06901
Phone: 203.324.0800
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SHEET TITLE: TITLE SHEET

SHEET NUMBER: ST-1

NOTE: DO NOT SCALE DRAWINGS FOR CONSTRUCTION.

BILL OF MATERIALS

SECTION 1 - VZWSMART KITS

QUANTITY	MANUFACTURER	PART NUMBER	DESCRIPTION	NOTES	UNIT WEIGHT (LBS.)	WEIGHT (LBS.)
1	VZWSMART	VZWSMART-PLK1	SUPPORT RAIL KIT	CONTRACTOR TO VERIFY THE LENGTH REQUIRED AND TRIM AS NECESSARY IN ACCORDANCE WITH THE 'STRUCTURAL STEEL' NOTES ON SHEET SGN-1.	504	504
5		VZWSMART-P40-238X096	96" LONG, PIPE 2 SCH40 (2.375"OD X 0.154" THK)		29	145
2		VZWSMART-P40-238X072	72" LONG, PIPE 2 SCH40 (2.375"OD X 0.154" THK)		22	44
4		VZWSMART-MSK14	UNIVERSAL ADJUSTABLE CROSSOVER		6	25

SECTION 2 - OTHER REQUIRED PARTS

QUANTITY	MANUFACTURER	PART NUMBER	DESCRIPTION	NOTES	UNIT WEIGHT (LBS.)	WEIGHT (LBS.)
6	PERFECT VISION	PV-DC-PTPC-2020-12	12" PIPE TO PIPE CONNECTION	OR EOR APPROVED EQUAL, CONTACT COLLIERS ENGINEERING & DESIGN FOR APPROVAL OF SUBSTITUTION.	15	89
4	PERFECT VISION	PV-DC-PTPC-2020-24	24" PIPE TO PIPE CONNECTION	OR EOR APPROVED EQUAL, CONTACT COLLIERS ENGINEERING & DESIGN FOR APPROVAL OF SUBSTITUTION.	19	74

SECTION 3 - REQUIRED SAFETY CLIMB PARTS

QUANTITY	MANUFACTURER	PART NUMBER	DESCRIPTION	NOTES	UNIT WEIGHT (LBS.)	WEIGHT (LBS.)
					TOTAL:	884

NOTES:

1. THE MANUFACTURERS LISTED ARE THE APPROVED VENDORS FOR THE VZW MOUNT KITS. EACH MANUFACTURER WILL BE AWARE OF WHICH KITS HAVE BEEN THROUGH THE VZW APPROVAL PROCESS AND THEY ARE IN TURN APPROVED TO SELL. PLEASE NOTE THAT THE MATERIAL UTILIZED ON THE MOUNT MODIFICATIONS WILL BE REVIEWED AS A PART OF THE DESKTOP PMI COMPLETED BY THE SMART TOOL VENDOR. IT WILL BE REQUIRED THAT THE VZW KITS SPECIFIED ARE UTILIZED IN THE MODIFICATIONS.

2. ALL MATERIALS REQUIRED FOR THE DESIGNED MODIFICATIONS BUT NOT LISTED IN THIS SHEET ARE ASSUMED TO BE PROVIDED BY THE CONTRACTOR.

VZWSMART KITS - APPROVED VENDORS

COMMSCOPE	
CONTACT	SALVADOR ANGUIANO
PHONE	(817) 304-7492
EMAIL	SALVADOR.ANGUIANO@COMMSCOPE.COM
WEBSITE	WWW.COMMSCOPE.COM

METROSITE FABRICATORS, LLC	
CONTACT	KENT RAMEY
PHONE	(706) 335-7045 (O), (706) 982-9788 (M)
EMAIL	KENT@METROSITELLC.COM
WEBSITE	METROSITEFABRICATORS.COM

PERFECTVISION	
CONTACT	WIRELESS SALES
PHONE	(844) 887-6723
EMAIL	WWW.PERFECT-VISION.COM
WEBSITE	WIRELESSSALES@PERFECT-VISION.COM

SABRE INDUSTRIES, INC.	
CONTACT	ANGIE WELCH
PHONE	(866) 428-6937
EMAIL	AKWELCH@SABREINDUSTRIES.COM
WEBSITE	WWW.SABRESITESOLUTIONS.COM

SITE PRO 1	
CONTACT	PAULA BOSWELL
PHONE	(972) 236-9843
EMAIL	PAULA.BOSWELL@VALMONT.COM
WEBSITE	WWW.SITEPRO1.COM

NEWAVE	
CONTACT	NEWAVE SALES TEAM
PHONE	(971) 239-4762
EMAIL	SALES@NEWAVETC.COM
WEBSITE	WWW.NEWAVETC.COM

BETTER METAL, LLC	
CONTACT	DAVID STANSBERRY
PHONE	(615) 535-0990 (O), (615) 631-2520 (M)
EMAIL	DLS@BETTERMETAL.COM
WEBSITE	WWW.BETTERMETAL.COM

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SHEET TITLE: BILL OF MATERIALS

SHEET NUMBER: SBOM-1

GENERAL NOTES

1. THESE MODIFICATIONS HAVE BEEN DESIGNED IN ACCORDANCE WITH THE GOVERNING PROVISIONS OF THE TELECOMMUNICATIONS INDUSTRY STANDARD TIA-222-H. MATERIALS AND SERVICES PROVIDED BY THE CONTRACTOR SHALL CONFORM TO THE ABOVE MENTIONED CODES.
2. CONTRACTOR SHALL TAKE ALL PRECAUTIONS NECESSARY TO PREVENT DAMAGE TO EXISTING STRUCTURES. ANY DAMAGE TO EXISTING STRUCTURES AS A RESULT OF THE CONTRACTOR'S WORK OR FROM DAMAGE DUE TO OTHER CAUSES SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE TO THE SATISFACTION OF THE OWNER.
3. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS BEFORE BEGINNING WORK, ORDERING MATERIAL, AND PREPARING OF SHOP DRAWINGS. ANY DISCREPANCIES BETWEEN FIELD CONDITIONS AND THE CONTRACT DOCUMENTS SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE ENGINEER. IF THE CONTRACTOR DISCOVERS ANY EXISTING CONDITIONS THAT ARE NOT REPRESENTED ON THESE DRAWINGS, OR ANY CONDITIONS THAT WOULD INTERFERE WITH THE INSTALLATION OF THE MODIFICATIONS, NOTIFY THE ENGINEER IMMEDIATELY.
4. IT IS ASSUMED THAT ANY STRUCTURAL MODIFICATION WORK SPECIFIED ON THESE PLANS WILL BE ACCOMPLISHED BY KNOWLEDGEABLE WORKMEN WITH TOWER CONSTRUCTION EXPERIENCE.
5. THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK AND SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION METHODS, MEANS, TECHNIQUES, SEQUENCES, AND PROCEDURES.
6. ALL CONSTRUCTION MEANS AND METHODS; INCLUDING BUT NOT LIMITED TO, ERECTION PLANS, RIGGING PLANS, CLIMBING PLANS, AND RESCUE PLANS SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR RESPONSIBLE FOR THE EXECUTION OF THE WORK CONTAINED HEREIN AND SHALL MEET ANSI/TIA-322 (LATEST EDITION), OSHA, AND GENERAL INDUSTRY STANDARDS. ALL RIGGING PLANS SHALL ADHERE TO ANSI/TIA-322 (LATEST EDITION) INCLUDING THE REQUIRED INVOLVEMENT OF A QUALIFIED ENGINEER FOR CLASS IV CONSTRUCTION.
7. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR INITIATING, MAINTAINING, AND SUPERVISING ALL SAFETY PROGRAMS IN ACCORDANCE WITH APPLICABLE SAFETY CODES.
8. WORK SHALL ONLY BE PERFORMED DURING CALM DRY DAYS (WINDS LESS THAN 30-MPH). THE STRUCTURE SHOWN ON THE DRAWINGS IS STRUCTURALLY SOUND ONLY IN THE COMPLETED FORM. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE STRENGTH AND STABILITY OF THE STRUCTURE DURING ERECTION. CONTRACTOR SHALL PROVIDE TEMPORARY SUPPORT, SHORING, BRACING AND ANY OTHER STRUCTURAL SYSTEMS AS REQUIRED TO RESIST ALL FORCES THAT MAY OCCUR DURING HANDLING AND ERECTION UNTIL THE STRUCTURE IS FULLY COMPLETED. TEMPORARY SUPPORTS, BRACING AND OTHER STRUCTURAL SYSTEMS REQUIRED DURING CONSTRUCTION SHALL REMAIN THE CONTRACTOR'S PROPERTY AFTER THEIR USE.
9. ALL INSTALLATIONS PERFORMED ON THIS STRUCTURE SHALL BE COMPLETED IN ACCORDANCE WITH THE GOVERNING PROVISIONS OF THE STANDARD FOR INSTALLATION, ALTERATION AND MAINTENANCE OF ANTENNA SUPPORTING STRUCTURES AND ANTENNAS, ANSI/TIA-322.
10. CONTRACTOR SHALL SECURE SITE BACK TO EXISTING CONDITION UNDER SUPERVISION OF OWNER. ALL FENCE, STONE, GEOFABRIC, GROUNDING, AND SURROUNDING GRADE SHALL BE REPLACED AND REPAIRED AS REQUIRED TO ACHIEVE OWNER APPROVAL. POSITIVE DRAINAGE AWAY FROM TOWER SITE SHALL BE MAINTAINED.
11. CONNECTIONS BETWEEN ITEMS SUPPORTED BY THE STRUCTURE AND THE STRUCTURE NOT SPECIFICALLY DETAILED IN THE CONTRACT DOCUMENTS ARE THE RESPONSIBILITY OF THE CONTRACTOR. SUCH CONNECTIONS SHALL BE DESIGNED, COORDINATED AND INSPECTED BY A PROFESSIONAL STRUCTURAL ENGINEER LICENSED IN THE STATE OF THE PROJECT. SUBMIT SIGNED AND SEALED CALCULATIONS DURING SHOP DRAWING REVIEW.
12. DO NOT SCALE DRAWINGS.
13. DO NOT USE THESE DRAWINGS FOR ANY OTHER SITE.
14. ALL MATERIAL UTILIZED FOR THIS PROJECT MUST BE NEW AND FREE OF ANY DEFECTS. ANY MATERIAL SUBSTITUTIONS, INCLUDING BUT NOT LIMITED TO ALTERED SIZE AND/OR STRENGTHS, MUST BE APPROVED BY THE OWNER AND ENGINEER IN WRITING.
15. THE MOUNT UNDER NO CIRCUMSTANCES SHOULD BE USED AS A TIE OFF POINT.

STRUCTURAL STEEL

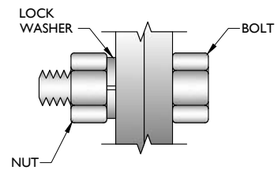
1. DESIGN, DETAILING, FABRICATION AND ERECTION OF STRUCTURAL STEEL SHALL CONFORM TO THE FOLLOWING PUBLICATIONS EXCEPT AS SPECIFICALLY INDICATED IN THE CONTRACT DOCUMENTS.
   a. AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC) MANUAL OF STEEL CONSTRUCTION (15TH EDITION)
   b. SPECIFICATION FOR STRUCTURAL JOINTS USING ASTM A325 OR A490 BOLTS
   c. AISC CODE OF STANDARD PRACTICE
2. STRUCTURAL STEEL SHALL CONFORM TO THE FOLLOWING UNLESS OTHERWISE SHOWN:

CHANNELS, ANGLES, PLATES, ETC.	ASTM A36 (GR 36)
STEEL PIPE	ASTM A53 (GR 35)
BOLTS	ASTM A325
NUTS	ASTM A563
LOCK WASHERS	LOCKING STRUCTURAL GRADE

3. ALL SUBSTITUTIONS PROPOSED BY THE CONTRACTOR SHALL BE APPROVED IN WRITING BY THE ENGINEER. CONTRACTOR SHALL PROVIDE DOCUMENTATION TO ENGINEER FOR VERIFYING THE SUBSTITUTE IS SUITABLE FOR USE AND MEETS ORIGINAL DESIGN CRITERIA. DIFFERENCES FROM THE ORIGINAL DESIGN, INCLUDING MAINTENANCE, REPAIR AND REPLACEMENT, SHALL BE NOTED. ESTIMATES OF COSTS/CREDITS ASSOCIATED WITH THE SUBSTITUTION (INCLUDING RE-DESIGN COSTS AND COSTS TO SUB-CONTRACTORS) SHALL BE PROVIDED TO THE ENGINEER. CONTRACTOR SHALL PROVIDE ADDITIONAL DOCUMENTATION AND/OR SPECIFICATIONS TO THE ENGINEER AS REQUESTED.
4. PROVIDE STRUCTURAL STEEL SHOP DRAWINGS TO ENGINEER FOR APPROVAL PRIOR TO FABRICATION.
   a. SUBMIT SHOP DRAWINGS TO
      PETER.ALBANO@COLLIERSENG.COM
   b. PROVIDE COLLIERS ENGINEERING & DESIGN PROJECT # AND COLLIERS ENGINEERING & DESIGN PROJECT ENGINEER CONTACT IN THE BODY OF THE EMAIL.
5. DRILL NO HOLES IN ANY NEW OR EXISTING STRUCTURAL STEEL MEMBERS OTHER THAN THOSE SHOWN ON STRUCTURAL DRAWINGS WITHOUT THE APPROVAL OF THE ENGINEER OF RECORD.
6. GALVANIZED ASTM A325 BOLTS SHALL NOT BE REUSED.
7. ALL NEW STEEL SHALL BE HOT BE DIPPED GALVANIZED FOR FULL WEATHER PROTECTION. IN ADDITION ALL NEW STEEL SHALL BE PAINTED TO MATCH EXISTING STEEL. CONTRACTOR SHALL OBTAIN WRITTEN PERMISSION TO PROTECT STEEL BY ANY OTHER MEANS.
8. ALL BOLT ASSEMBLIES FOR STRUCTURAL MEMBERS REPRESENTED IN THIS DRAWING REQUIRE LOCKING DEVICES TO BE INSTALLED IN ACCORDANCE WITH TIA-222-H SECTION 4.9.2 REQUIREMENTS.
9. WHERE CONNECTIONS ARE NOT FULLY DETAILED ON THESE DRAWINGS, FABRICATOR SHALL DESIGN CONNECTIONS TO RESIST LOADS AND FORCES WHERE SHOWN ON DRAWINGS AND AS OUTLINED IN SPECIFICATIONS.
10. FOR MEMBERS BEING REPLACED, PROVIDE NEW BOLTS AND MATCH EXISTING SIZE AND GRADE. MAINTAIN AISC REQUIREMENTS FOR MINIMUM BOLT DISTANCE AND SPACING.
11. ALL PROPOSED AND/OR REPLACED BOLTS SHALL BE OF SUFFICIENT LENGTH SUCH THAT THE END OF THE BOLT IS AT LEAST FLUSH WITH THE FACE OF THE NUT. IT IS NOT PERMITTED FOR THE BOLT END TO BE BELOW THE FACE OF THE NUT AFTER TIGHTENING IS COMPLETED.
12. GALVANIZED ASTM A325 BOLTS SHALL NOT BE REUSED.
13. ALL NEW STEEL SHALL BE HOT BE DIPPED GALVANIZED FOR FULL WEATHER PROTECTION. CONTRACTOR SHALL OBTAIN WRITTEN PERMISSION TO PROTECT STEEL BY ANY OTHER MEANS.
14. ALL EXISTING PAINTED/GALVANIZED SURFACES DAMAGED DURING REHAB INCLUDING AREAS UNDER STIFFENER PLATES SHALL BE WIRE BRUSHED CLEAN, REPAIRED BY COLD GALVANIZING (ZINC COTE, OR EOR APPROVED EQUAL), AND REPAINTED TO MATCH THE EXISTING FINISH (IF APPLICABLE).
15. ALL HOLES IN STEEL MEMBERS SHALL BE SIZED 1/16" LARGER THAN THE BOLT DIAMETER. STANDARD HOLES SHALL BE USED UNLESS NOTED OTHERWISE.

BOLT SCHEDULE (IN.)				
BOLT DIAMETER	**STANDARD HOLE**	**SHORT SLOT**	**MIN. EDGE DISTANCE**	**SPACING**
1/2	9/16	9/16 x 11/16	7/8	1 1/2
5/8	11/16	11/16 x 7/8	1 1/8	1 7/8
3/4	13/16	13/16 x 1	1 1/4	2 1/4
7/8	15/16	15/16 x 1 1/8	1 1/2	2 5/8
1	1 1/16	1 1/16 x 1 5/16	1 3/4	3

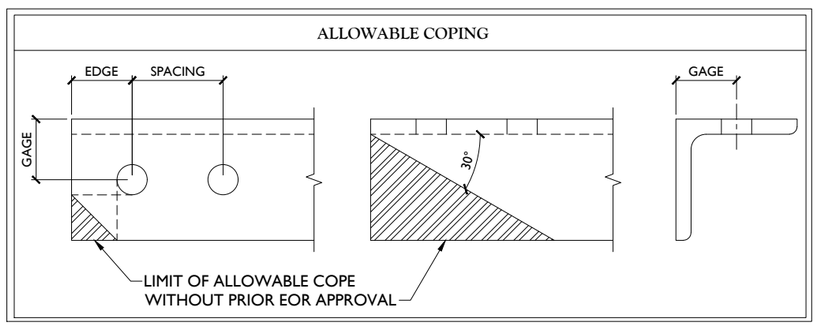
WORKABLE GAGES (IN.)	
LEG	**GAGE**
4	2 1/2
3 1/2	2
3	1 3/4
2 1/2	1 3/8
2	1 1/8



TYP. BOLT ASSEMBLY

NOTES:

1. ALL DIMENSIONS REPRESENTED IN THE ABOVE TABLES ARE AISC MINIMUM REQUIREMENTS. CONTRACTOR SHALL VERIFY EXISTING CONDITIONS IN FIELD AND NOTIFY ENGINEER IF DISTANCES ARE LESS THAN THOSE PROVIDED.
2. THE DIMENSIONS PROVIDED ARE MINIMUM REQUIREMENTS. ACTUAL DIMENSIONS OF PROPOSED MEMBERS WITHIN THESE DRAWINGS MAY VARY FROM THE AISC MINIMUM REQUIREMENTS.
3. SHORT SLOT HOLES SHALL ONLY BE USED WHEN DEPICTED IN THE DRAWINGS
4. MATCH EXISTING GAGES WHEN APPLICABLE, UNLESS MINIMUM EDGE DISTANCES ARE COMPROMISED.



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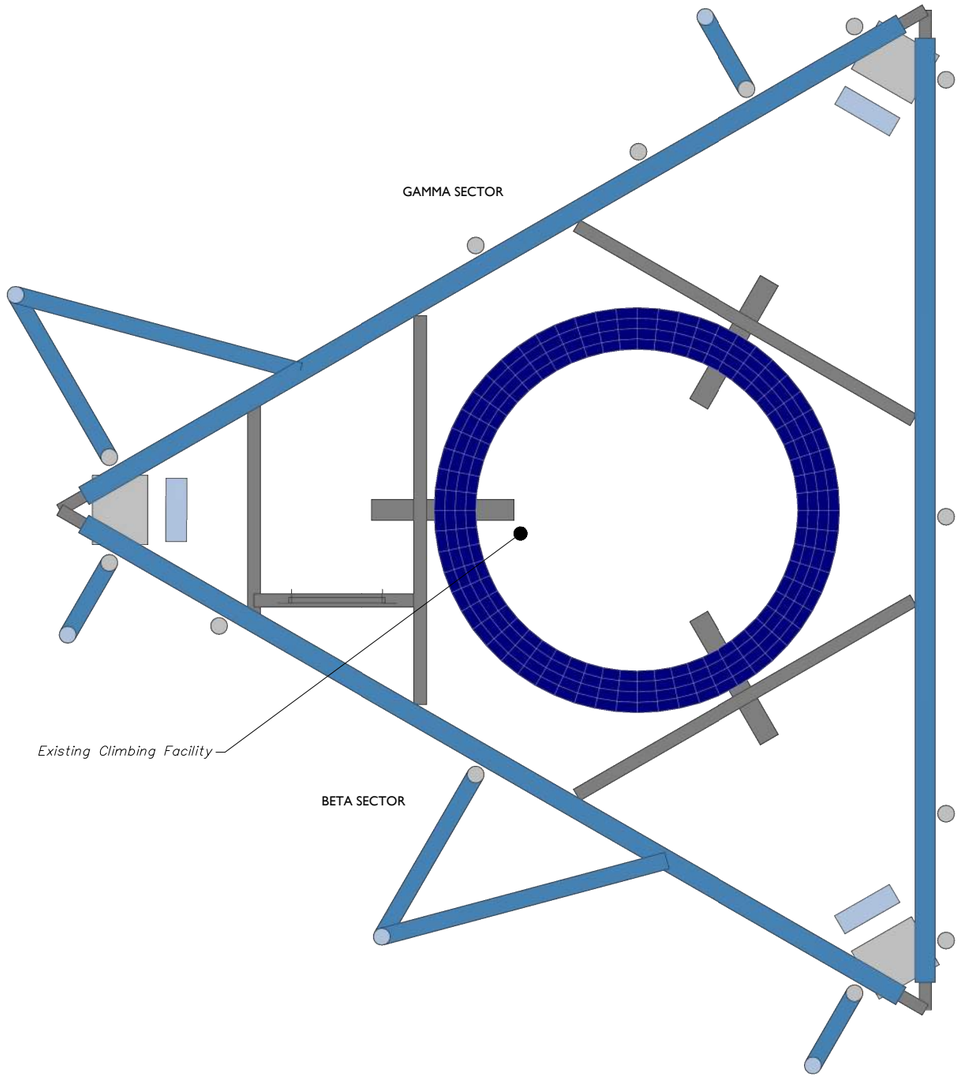
SHEET TITLE: GENERAL NOTES

SHEET NUMBER: SGN-1

NOTE: DO NOT SCALE DRAWINGS FOR CONSTRUCTION.



1 CLIMBING FACILITY LOCATION

SCALE : N.T.S.

STRUCTURAL NOTES:

1. PER THE MOUNT MAPPING COMPLETED BY STRUCTURAL COMPONENTS ON 10/19/2021, THE SAFETY CLIMB AND CLIMBING FACILITIES UP TO THE VERIZON MOUNT ELEVATION (142'-9") ARE IN GOOD CONDITION. COLLIERS ENGINEERING & DESIGN DOES NOT WARRANT THIS INFORMATION.

2. INSTALL SHALL NOT CAUSE HARM TO THE STRUCTURE, CLIMBING FACILITY, SAFETY CLIMB, OR ANY SYSTEM INSTALLED ON THE STRUCTURE. TIMELY NOTICE AND DOCUMENTATION SHALL BE PROVIDED BY CONTRACTORS TO THE EOR (OF STRUCTURAL DESIGN) IF AN OBSTRUCTION WAS REQUIRED TO MEET THE RF SYSTEM DESIGN REQUIREMENTS AND PERFORMANCES.

CLIMBING FACILITY PHOTO

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SHEET TITLE :

CLIMBING FACILITY DETAIL

SHEET NUMBER :

SCF-1

LEGEND:

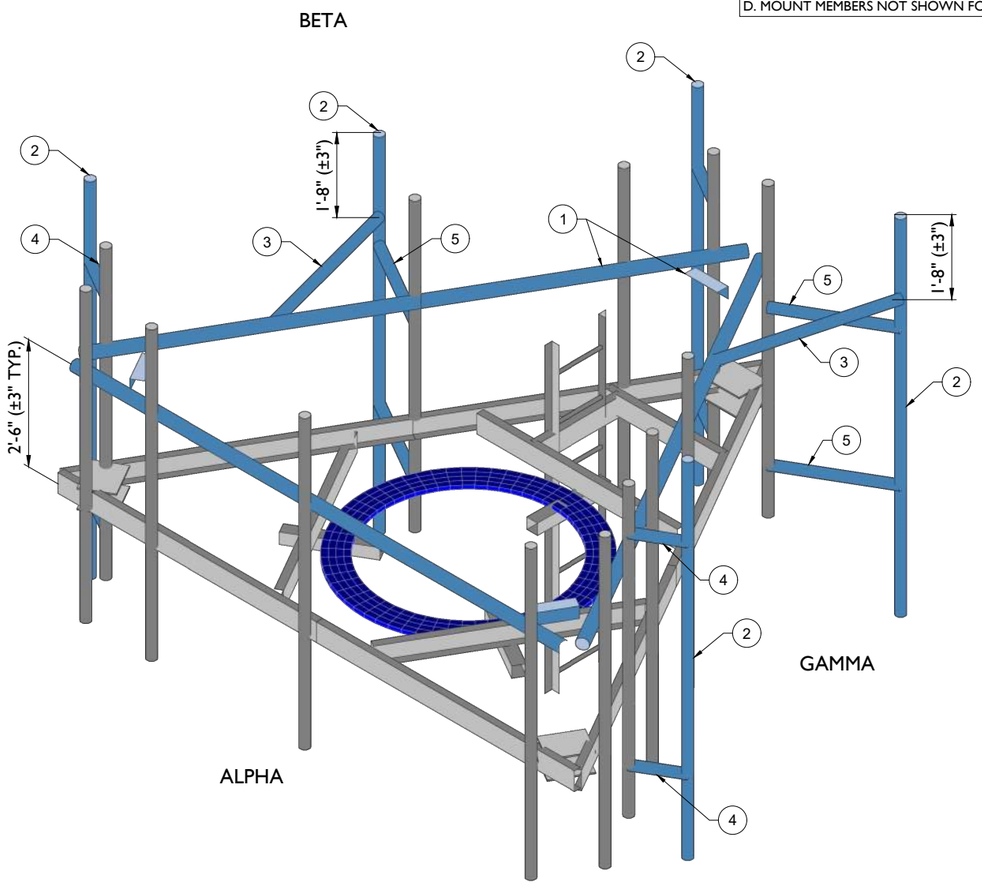
- PROPOSED
- RELOCATED
- EXISTING

MOUNT MODIFICATION SCHEDULE

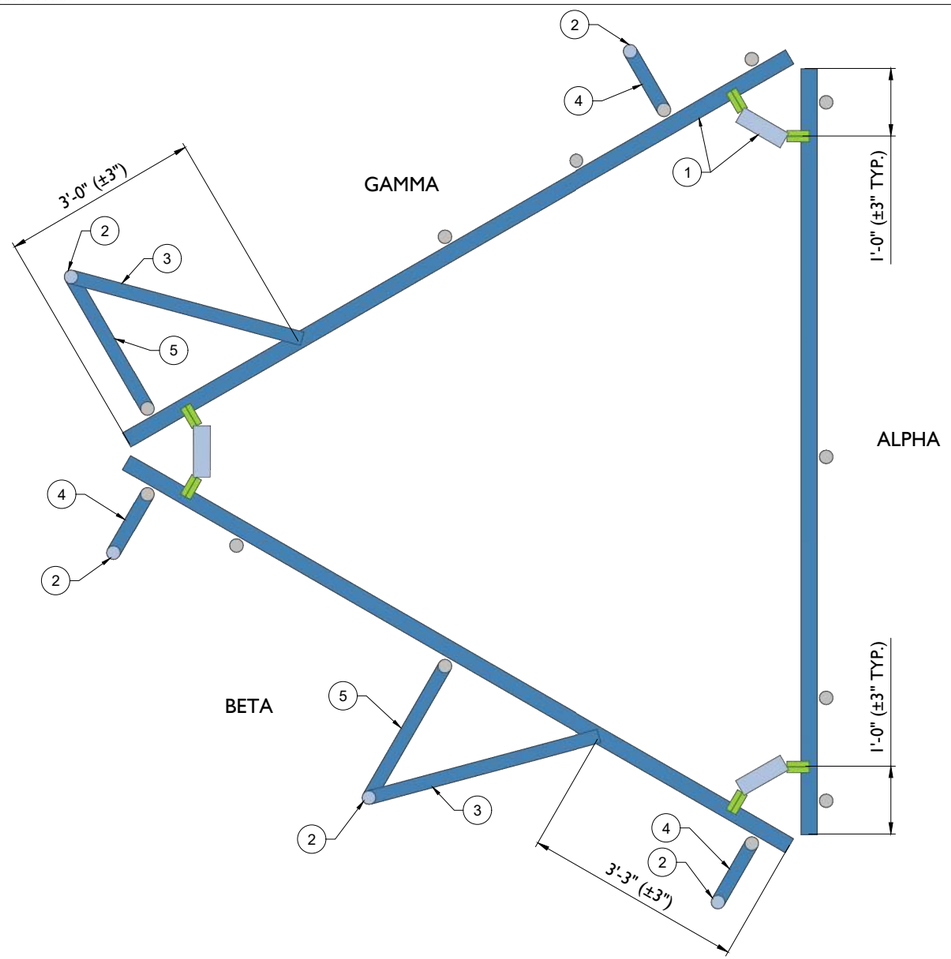
NO.	ELEVATION	QUANTITY	DESCRIPTION	NOTES
1	142'-9"	1	PROPOSED SUPPORT RAIL KIT (PART #: VZWSMART-PLK1)	CONTRACTOR SHALL TRIM THE LENGTH OF PROPOSED SUPPORT RAIL PIPE TO EXACTLY 136" LONG. CONTRACTOR TO VERIFY THE LENGTH REQUIRED FOR CORNER ANGLE AND TRIM AS NECESSARY IN ACCORDANCE WITH THE 'STRUCTURAL STEEL' NOTES ON SHEET SGN-1. RADIO AND/OR TME POSITIONS SHALL BE ADJUSTED VERTICALLY AS NEEDED IN ORDER TO ACHIEVE INSTALLATION OF HORIZONTAL AS SHOWN. EOR SHALL BE NOTIFIED IF EQUIPMENT NEEDS TO BE RELOCATED TO ANOTHER MOUNT PIPE.
2		5	PROPOSED 96" LONG, PIPE 2 SCH40 (PART #: VZWSMART-P40-238X096)	CONTRACTOR SHALL ATTACH NEW MOUNT PIPE TO EXISTING MOUNT PIPE WITH PROPOSED PIPE TO PIPE CONNECTIONS. REFER TO DETAILS 1/SS-2 AND 2/SS-2.
3		2	PROPOSED 72" LONG, PIPE 2 SCH40 (PART #: VZWSMART-P40-238X072) TIEBACK	CONNECT PROPOSED TIEBACK PIPE TO PROPOSED MOUNT PIPE AND SUPPORT RAIL PIPE USING UNIVERSAL ADJUSTABLE CROSSOVER KIT (VZWSMART-MSK14). REFER TO DETAIL 2/SS-1.
4		6	12" PIPE TO PIPE CONNECTION (PERFECT VISION, PART #: PV-DC-PTPC-2020-12)	CONNECT NEW MOUNT PIPES AT POS. 1 & 4 (AS SEEN FROM BEHIND THE MOUNT) IN BETA SECTOR AND AT POS. 4 (AS SEEN FROM BEHIND THE MOUNT) IN GAMMA SECTOR WITH PROPOSED 12" PIPE TO PIPE CONNECTION HARDWARE. REFER TO DETAIL 1/SS-2.
5		4	24" PIPE TO PIPE CONNECTION (PERFECT VISION, PART #: PV-DC-PTPC-2020-24)	CONNECT NEW MOUNT PIPES AT POS. 2 (AS SEEN FROM BEHIND THE MOUNT) IN BETA SECTOR AND AT POS. 1 (AS SEEN FROM BEHIND THE MOUNT) IN GAMMA SECTOR WITH PROPOSED 24" PIPE TO PIPE CONNECTION HARDWARE. REFER TO DETAIL 2/SS-2.

GENERAL NOTES:

A. CONTRACTOR SHALL INSPECT AND REPLACE ANY MISSING HARDWARE CONNECTING THE MOUNT PIPES AND CHANNEL FACE HORIZONTAL. CONTRACTOR SHALL PROVIDE PHOTO VERIFICATION.
B. CONTRACTOR SHALL VERIFY THAT NEW & EXISTING STEEL IS FREE OF CORROSION. VISIBLE MINOR CORROSION SHALL BE WIRE BRUSHED CLEAN AND TREATED WITH COLD GALVANIZATION. REPORT ANY SIGNIFICANT CORROSION TO EOR
C. THREADED ROD FROM PROPOSED KITS SHALL BE TRIMMED TO EXTEND NO MORE THAN 3" BEYOND THE LOCK NUT. TREAT ALL CUT ENDS WITH (2) COATS OF COLD GALVANIZATION (ZINC KOTE, OR EOR APPROVED EQUAL).
D. MOUNT MEMBERS NOT SHOWN FOR CLARITY U.N.O.



1 PROPOSED ISOMETRIC VIEW
SCALE : N.T.S.



2 PROPOSED PLAN VIEW (@ SUPPORT RAIL LEVEL)
SCALE : N.T.S.

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SCALE : AS SHOWN
JOB NUMBER : 21777939

REV	DATE	DESCRIPTION	DRAWN BY	CHECKED BY
0	11/16/21	ISSUED FOR CONSTRUCTION	DC	DH
1	09/19/23	ISSUED FOR CONSTRUCTION	PD	DRH

Digitally signed by Derek R. Hartzell
Date: 2023.09.19 16:42:27-04'00'

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

COLLIERS ENGINEERING & DESIGN CT, P.C.
C.T. JPC.0000131

SITE NAME:

N STAMFORD CT
5000385094

1590 NEWFIELD AVE.
STAMFORD, CT 06905
FAIRFIELD COUNTY

Colliers Engineering & Design
STAMFORD
1055 Washington Boulevard
Stamford, CT 06901
Phone: 203.324.0800
COLLIERS ENGINEERING & DESIGN CT, P.C.
DOING BUSINESS AS MASER CONSULTING

SHEET TITLE : MODIFICATION DETAILS

SHEET NUMBER : SS-1

LEGEND:

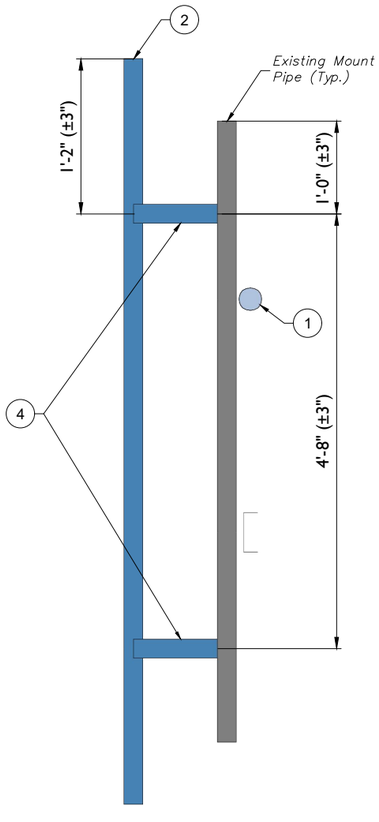
- PROPOSED
- RELOCATED
- EXISTING

MOUNT MODIFICATION SCHEDULE

NO.	ELEVATION	QUANTITY	DESCRIPTION	NOTES
1	142'-9"	1	PROPOSED SUPPORT RAIL KIT (PART #: VZWSMART-PLK1)	CONTRACTOR SHALL TRIM THE LENGTH OF PROPOSED SUPPORT RAIL PIPE TO EXACTLY 136" LONG. CONTRACTOR TO VERIFY THE LENGTH REQUIRED FOR CORNER ANGLE AND TRIM AS NECESSARY IN ACCORDANCE WITH THE 'STRUCTURAL STEEL' NOTES ON SHEET SGN-1. RADIO AND/OR TME POSITIONS SHALL BE ADJUSTED VERTICALLY AS NEEDED IN ORDER TO ACHIEVE INSTALLATION OF HORIZONTAL AS SHOWN. EOR SHALL BE NOTIFIED IF EQUIPMENT NEEDS TO BE RELOCATED TO ANOTHER MOUNT PIPE.
2		5	PROPOSED 96" LONG, PIPE 2 SCH40 (PART #: VZWSMART-P40-238X096)	CONTRACTOR SHALL ATTACH NEW MOUNT PIPE TO EXISTING MOUNT PIPE WITH PROPOSED PIPE TO PIPE CONNECTIONS. REFER TO DETAILS 1/SS-2 AND 2/SS-2.
3		2	PROPOSED 72" LONG, PIPE 2 SCH40 (PART #: VZWSMART-P40-238X072) TIEBACK	CONNECT PROPOSED TIEBACK PIPE TO PROPOSED MOUNT PIPE AND SUPPORT RAIL PIPE USING UNIVERSAL ADJUSTABLE CROSSOVER KIT (VZWSMART-MSK14). REFER TO DETAIL 2/SS-1.
4		6	12" PIPE TO PIPE CONNECTION (PERFECT VISION, PART #: PV-DC-PTPC-2020-12)	CONNECT NEW MOUNT PIPES AT POS. 1 & 4 (AS SEEN FROM BEHIND THE MOUNT) IN BETA SECTOR AND AT POS. 4 (AS SEEN FROM BEHIND THE MOUNT) IN GAMMA SECTOR WITH PROPOSED 12" PIPE TO PIPE CONNECTION HARDWARE. REFER TO DETAIL 1/SS-2.
5		4	24" PIPE TO PIPE CONNECTION (PERFECT VISION, PART #: PV-DC-PTPC-2020-24)	CONNECT NEW MOUNT PIPES AT POS. 2 (AS SEEN FROM BEHIND THE MOUNT) IN BETA SECTOR AND AT POS. 1 (AS SEEN FROM BEHIND THE MOUNT) IN GAMMA SECTOR WITH PROPOSED 24" PIPE TO PIPE CONNECTION HARDWARE. REFER TO DETAIL 2/SS-2.

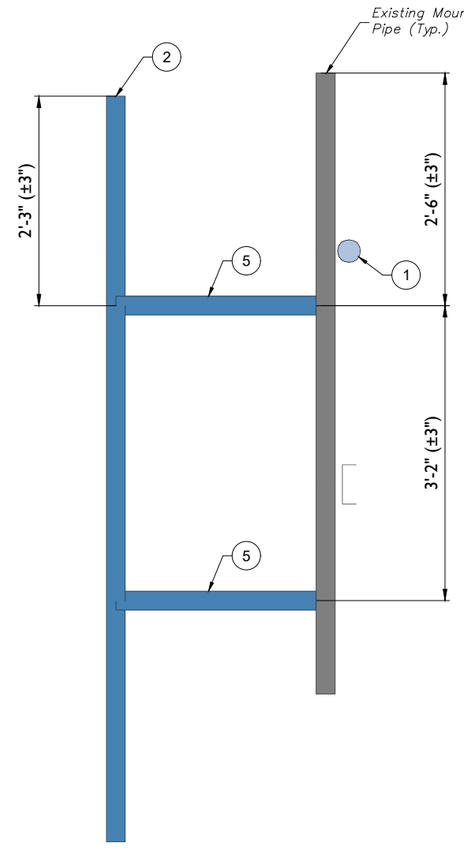
GENERAL NOTES:

A. CONTRACTOR SHALL INSPECT AND REPLACE ANY MISSING HARDWARE CONNECTING THE MOUNT PIPES AND CHANNEL FACE HORIZONTAL. CONTRACTOR SHALL PROVIDE PHOTO VERIFICATION.
B. CONTRACTOR SHALL VERIFY THAT NEW & EXISTING STEEL IS FREE OF CORROSION. VISIBLE MINOR CORROSION SHALL BE WIRE BRUSHED CLEAN AND TREATED WITH COLD GALVANIZATION. REPORT ANY SIGNIFICANT CORROSION TO EOR
C. THREADED ROD FROM PROPOSED KITS SHALL BE TRIMMED TO EXTEND NO MORE THAN 3" BEYOND THE LOCK NUT. TREAT ALL CUT ENDS WITH (2) COATS OF COLD GALVANIZATION (ZINC KOTE, OR EOR APPROVED EQUAL).
D. MOUNT MEMBERS NOT SHOWN FOR CLARITY U.N.O.



1 PROPOSED SIDE ELEVATION VIEW (POS. 1 &4 - BETA) AND (POS. 4 - GAMMA)

SCALE : N.T.S.



2 PROPOSED SIDE ELEVATION VIEW (POS. 2 - BETA) AND (POS. 1 - GAMMA)

SCALE : N.T.S.

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ALL STATES REQUIRE NOTIFICATION OF EXCAVATORS, DESIGNERS, OR ANY PERSON PREPARING TO DISTURB THE EARTH'S SURFACE ANYWHERE IN ANY STATE

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

FOR STATE SPECIFIC DIRECT PHONE NUMBERS VISIT: WWW.CALL811.COM

SCALE : AS SHOWN | JOB NUMBER : 21777939

REV	DATE	DESCRIPTION	DRAWN BY	CHECKED BY
0	11/16/21	ISSUED FOR CONSTRUCTION	DC	DH
1	09/19/23	ISSUED FOR CONSTRUCTION	PD	DRH

Digitally signed by Derek R. Hartzell
Date: 2023.09.19 16:42:28-04'00'

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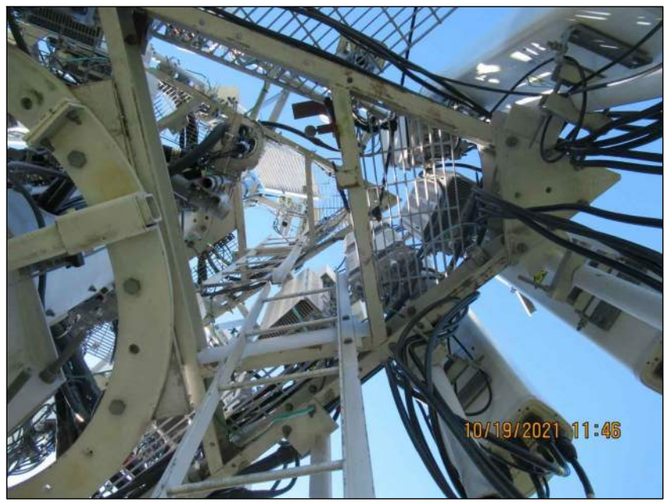
SHEET TITLE : MODIFICATION DETAILS

SHEET NUMBER : SS-2

MOUNT PHOTO 1

MOUNT PHOTO 2



MOUNT PHOTO 3

MOUNT PHOTO 4

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SCALE : AS SHOWN

JOB NUMBER : 21777939

REV	DATE	DESCRIPTION	DRAWN BY	CHECKED BY
0	11/16/21	ISSUED FOR CONSTRUCTION	DC	DH
1	09/19/23	ISSUED FOR CONSTRUCTION	PD	DRH

Digitally signed by Derek R. Hartzell
Date: 2023.09.19 16:42:29-04'00'

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

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C.T. JPC.0000131

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF THE RESPONSIBLE LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT.

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5000385094

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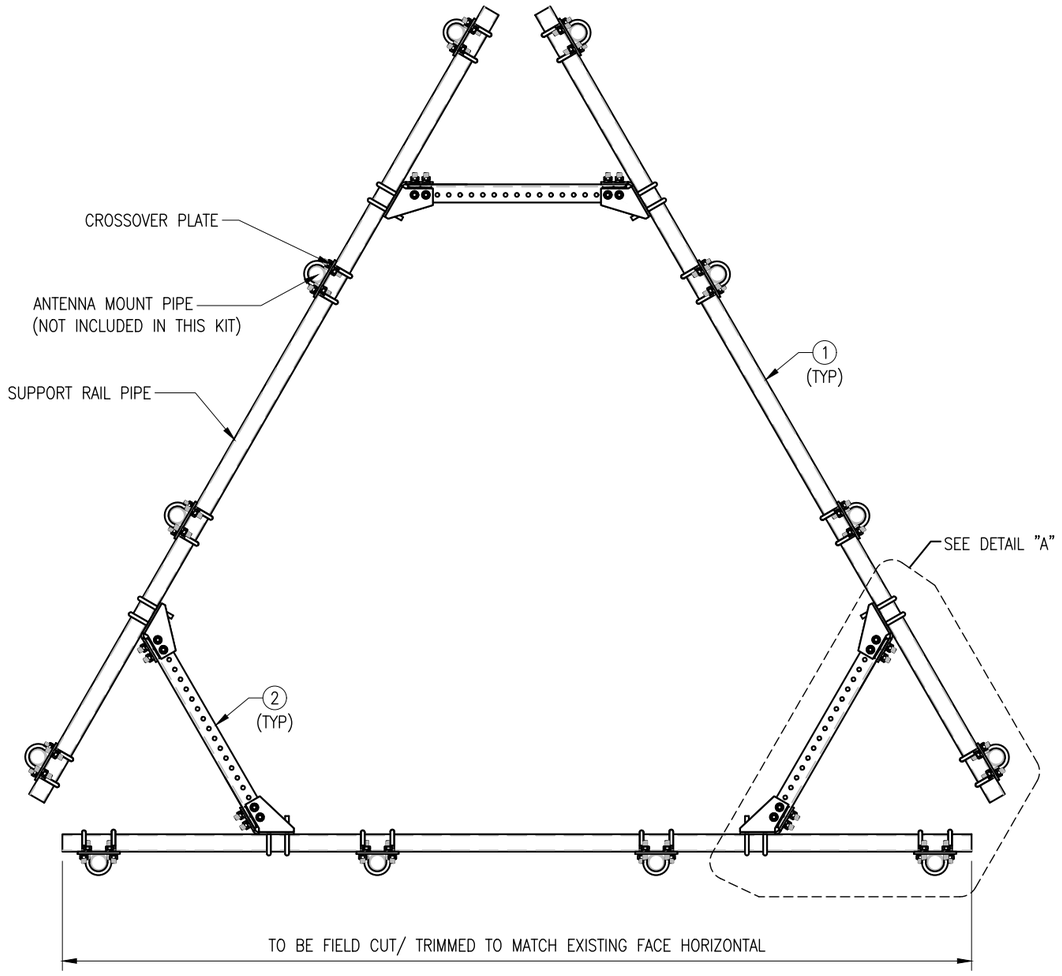
SHEET TITLE :

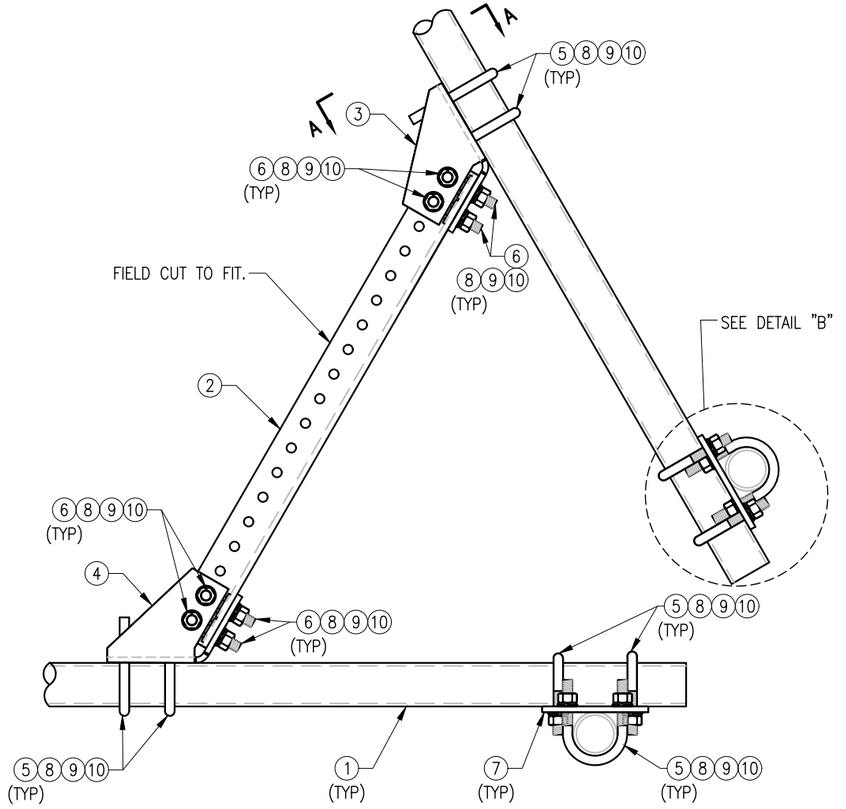
MOUNT PHOTOS

SHEET NUMBER :

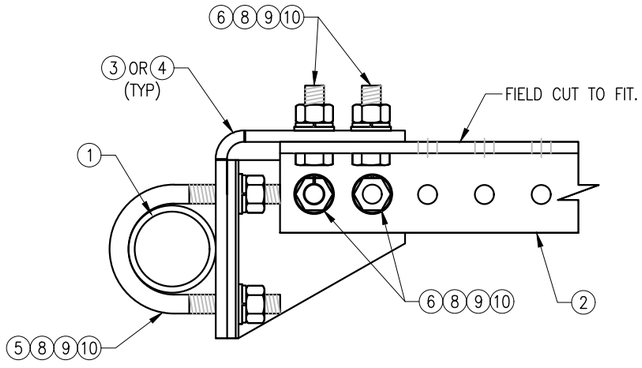
SS-3



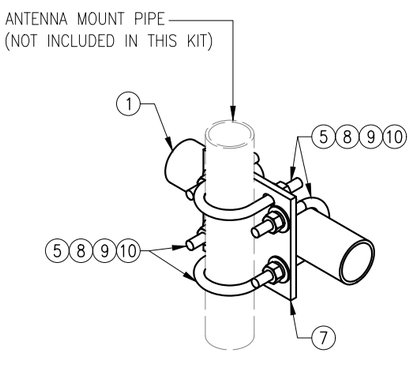
PLAN VIEW



DETAIL "A"



SECTION "A–A"



DETAIL "B"

NOTES:
1. HOT–DIPPED GALVANIZED PER ASTM A123.

VZW SMART–PLK1 (SUPPORT RAIL KIT)

ITEM NO.	QTY.	PART NO.	DESCRIPTION	SHEET #	WT
1	3	PST2875–12.5	2.5" PST (2.875" O.D. X 0.203" THK.) X 12'–6" A53 GR–B	PLK1–F1	292
2	3	L33375–3	L 3" X 3" X 3/8" X 3'–0" A36	PLK1–F1	66
3	3	CBP–L	CORNER BENT PLATE BRACKET	PLK1–F2	28
4	3	CBP–R	CORNER BENT PLATE BRACKET	PLK1–F2	28
5	60	MS02–625–300–500	RU–BOLT 5/8" X 3" I.W. X 5" I.L. A36 (OR EQUIV.)	RBC–1	82
6	24	---	BOLT 5/8" X 2" A325	---	9
7	12	PL375–857	PL 3/8" X 8 1/2" X 7'–0" A36	PLK1–F3	77
8	144	FW–625	5/8" HDG USS FLAT WASHER	---	12
9	144	LW–625	5/8" HDG LOCK WASHER	---	3
10	144	NUT–625	5/8" HDG HEX NUT	---	17
				GALVANIZED WT	504

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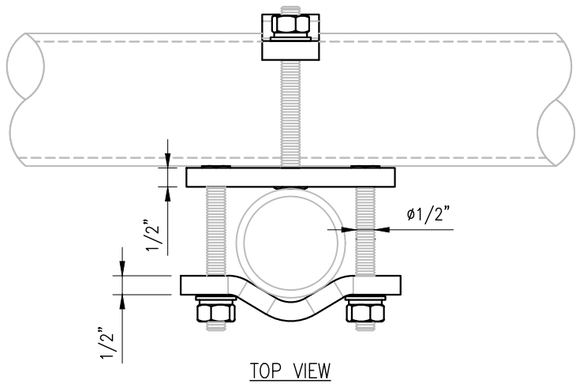
DRAWN BY: H.R | CHECKED BY: HMA

REV.	DESCRIPTION	BY	DATE
0	FIRST ISSUE	H.R	05/08/20

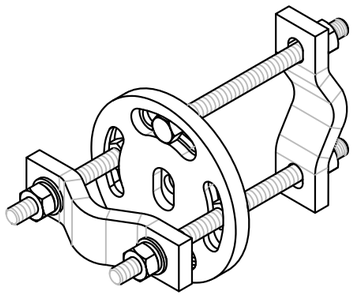
SHEET TITLE:
VZWSMART–PLK1
SUPPORT RAIL KIT

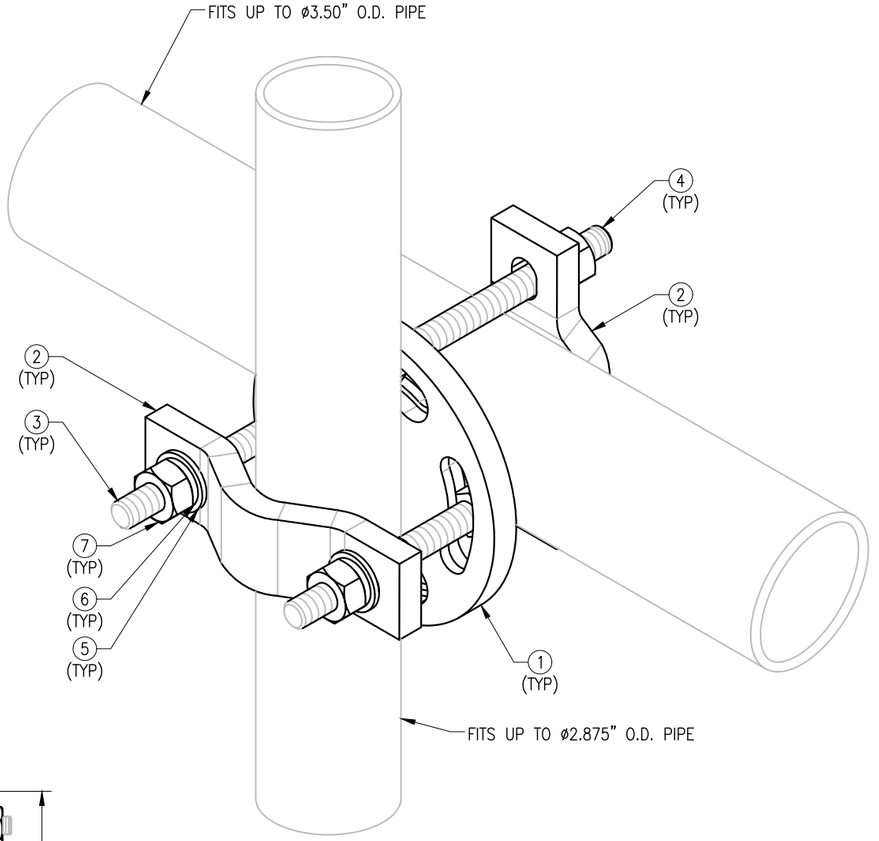
SHEET NUMBER: VZWSMART–PLK1

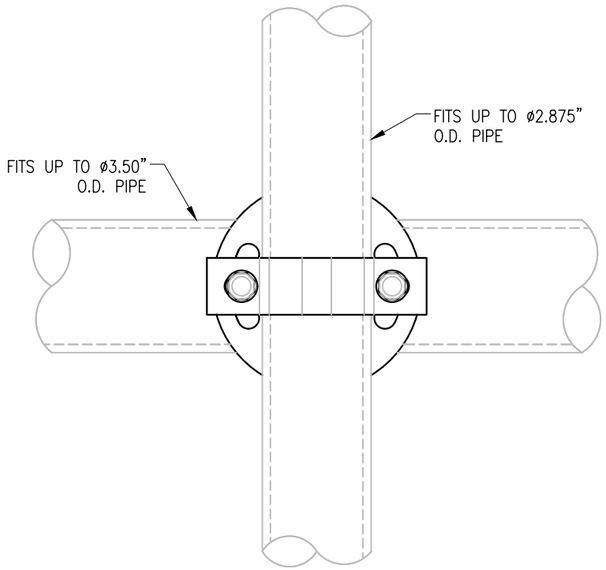
REV #: 0



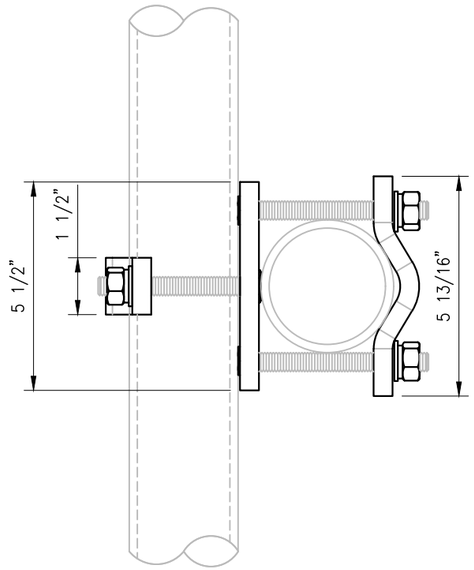
TOP VIEW







FRONT VIEW



SIDE VIEW

NOTES:
1. HOT-DIPPED GALVANIZED PER ASTM A123.

VZWSMART-MSK14 (UNIVERSAL ADJUSTABLE CROSSOVER)

ITEM NO.	QTY.	PART NO.	DESCRIPTION	SHEET #	WT
1	1	CCC512	CIRCULAR CROSSOVER CLAMP	MSK14-F1	2.20
2	2	SCP10	SMALL DISH CLAMP HALF	MSK14-F2	2.40
3	2	---	BOLT 1/2" X 4" FULL THREAD SAE GR-5	---	0.48
4	2	---	BOLT 1/2" X 6 1/2" FULL THREAD SAE GR-5	---	0.72
5	4	FW-500	1/2" HDG USS FLAT WASHER	---	0.08
6	4	LW-500	1/2" HDG LOCK WASHER	---	0.04
7	4	NUT-500	1/2" HDG HEX NUT	---	0.28
				GALVANIZED WT	6.19

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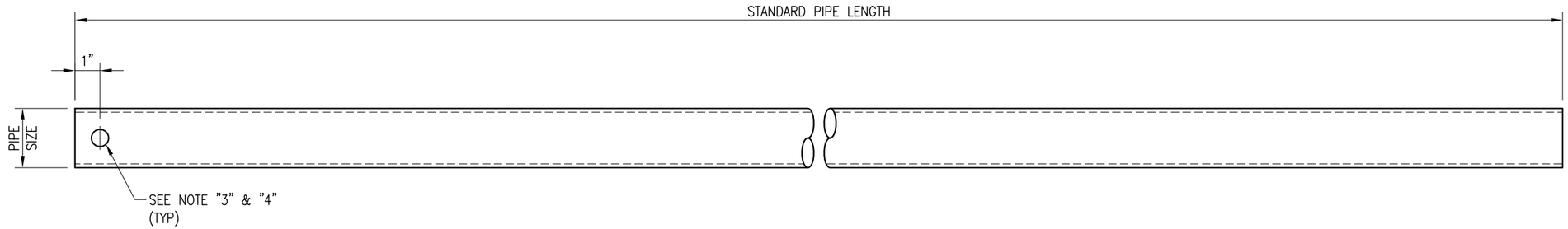
DRAWN BY: JBM | CHECKED BY: HMA/KW

REV.	DESCRIPTION	BY	DATE
0	FIRST ISSUE	JBM	06/13/22

SHEET TITLE:
VZWSMART-MSK14
UNIVERSAL ADJUSTABLE
CROSSOVER

SHEET NUMBER: VZWSMART-MSK14

REV #: 0



VZWSMART Standard Pipe		
VZWSMART Number	Size	Length
P40-238X048	PIPE 2 SCH40 (2.375" OD x 0.154" THK)	48"
P40-238X072	PIPE 2 SCH40 (2.375" OD x 0.154" THK)	72"
P40-238X096	PIPE 2 SCH40 (2.375" OD x 0.154" THK)	96"
P40-238X120	PIPE 2 SCH40 (2.375" OD x 0.154" THK)	120"
P40-238X126	PIPE 2 SCH40 (2.375" OD x 0.154" THK)	126"
P40-238X150	PIPE 2 SCH40 (2.375" OD x 0.154" THK)	150"
P40-238X174	PIPE 2 SCH40 (2.375" OD x 0.154" THK)	174"
P40-278X048	PIPE 2.5 SCH40 (2.875" OD x 0.203" THK)	48"
P40-278X072	PIPE 2.5 SCH40 (2.875" OD x 0.203" THK)	72"
P40-278X096	PIPE 2.5 SCH40 (2.875" OD x 0.203" THK)	96"
P40-278X120	PIPE 2.5 SCH40 (2.875" OD x 0.203" THK)	120"
P40-278X126	PIPE 2.5 SCH40 (2.875" OD x 0.203" THK)	126"
P40-278X150	PIPE 2.5 SCH40 (2.875" OD x 0.203" THK)	150"
P40-278X174	PIPE 2.5 SCH40 (2.875" OD x 0.203" THK)	174"
P40-312X048	PIPE 3 SCH40 (3.5" OD x 0.216" THK)	48"
P40-312X072	PIPE 3 SCH40 (3.5" OD x 0.216" THK)	72"
P40-312X126	PIPE 3 SCH40 (3.5" OD x 0.216" THK)	126"
P40-312X150	PIPE 3 SCH40 (3.5" OD x 0.216" THK)	150"
P40-312X174	PIPE 3 SCH40 (3.5" OD x 0.216" THK)	174"

NOTE:
APPROVED SMART KIT VENDORS ARE ALLOWED TO SUBSTITUTE AT THEIR DISCRETION PIPES LISTED ON THIS PAGE FOR CUSTOM LENGTH COMPONENTS OF MATCHING SIZE. SUBSTITUTIONS SHALL MEET THE ORIGINAL STRUCTURAL INTENT.

NOTES:
1. ALL PIPE GRADE A53-B OR BETTER.
2. HOT-DIPPED GALVANIZED PER ASTM A123.
3. ALL HOLES ARE 11/16" DIA. U.N.O
4. HOLES MAY OR MAY NOT BE PRESENT, DEPEND UPON MANUFACTURE DISCRETION.
5. ALL FIELD CUT AND DRILLED SURFACES SHALL BE REPAIRED WITH A MINIMUM OF TWO COATS OF ZINGA OR ZINC COTE PER ASTM A780 AND MANUFACTURER'S RECOMMENDATIONS.

VzW SMART Tool© Vendor

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DRAWN BY: BT | CHECKED BY: HMA/KW

REV.	DESCRIPTION	BY	DATE
0	FIRST ISSUE	BT	08/04/21

SHEET TITLE:
VZWSMART STANDARD PIPE

SHEET NUMBER: VZWSMART-PIPE

REV #: 0

PV-DC-PTPC

DUALCROSS - PIPE TO PIPE CONNECTION

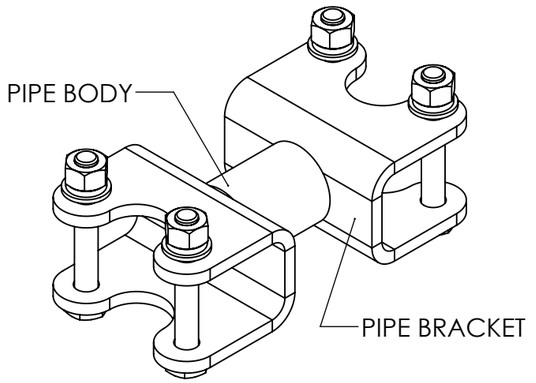
Table 1: Crossover Pipe to Pipe Connection Configurations

Part Number	Weight	Pipe to Pipe C-C	Pipe 1 Size	Pipe 2 Size	Pipe 1 Bolt Size	Pipe 2 Bolt Size
	lbs	*in*	*in*	*in*	*in*	*in*
PV-DC-PTPC-2020-6	13	6	∅2.375	∅2.375	∅5/8 x 4-1/2	∅5/8 x 4-1/2
PV-DC-PTPC-2020-12	14.8	12	∅2.375	∅2.375	∅5/8 x 4-1/2	∅5/8 x 4-1/2
PV-DC-PTPC-2020-24	18.5	24	∅2.375	∅2.375	∅5/8 x 4-1/2	∅5/8 x 4-1/2
PV-DC-PTPC-2025-6	13.8	6	∅2.375	∅2.875	∅5/8 x 4-1/2	∅5/8 x 5
PV-DC-PTPC-2025-12	15.7	12	∅2.375	∅2.875	∅5/8 x 4-1/2	∅5/8 x 5
PV-DC-PTPC-2025-24	19.3	24	∅2.375	∅2.875	∅5/8 x 4-1/2	∅5/8 x 5
PV-DC-PTPC-2030-6	15	6	∅2.375	∅3.5	∅5/8 x 4-1/2	∅5/8 x 5-1/2
PV-DC-PTPC-2030-12	19.1	12	∅2.375	∅3.5	∅5/8 x 4-1/2	∅5/8 x 5-1/2
PV-DC-PTPC-2030-24	20.4	24	∅2.375	∅3.5	∅5/8 x 4-1/2	∅5/8 x 5-1/2
PV-DC-PTPC-2525-6	15.2	6	∅2.875	∅2.875	∅5/8 x 5	∅5/8 x 5
PV-DC-PTPC-2525-12	18	12	∅2.875	∅2.875	∅5/8 x 5	∅5/8 x 5
PV-DC-PTPC-2525-24	23.9	24	∅2.875	∅2.875	∅5/8 x 5	∅5/8 x 5
PV-DC-PTPC-2530-6	16.2	6	∅2.875	∅3.5	∅5/8 x 5	∅5/8 x 5-1/2
PV-DC-PTPC-2530-12	19.1	12	∅2.875	∅3.5	∅5/8 x 5	∅5/8 x 5-1/2
PV-DC-PTPC-2530-24	25	24	∅2.875	∅3.5	∅5/8 x 5	∅5/8 x 5-1/2
PV-DC-PTPC-3030-6	17.5	6	∅3.5	∅3.5	∅5/8 x 5-1/2	∅5/8 x 5-1/2
PV-DC-PTPC-3030-12	21.3	12	∅3.5	∅3.5	∅5/8 x 5-1/2	∅5/8 x 5-1/2
PV-DC-PTPC-3030-24	28.9	24	∅3.5	∅3.5	∅5/8 x 5-1/2	∅5/8 x 5-1/2
PV-DC-PTPC-3040-6	19.1	6	∅3.5	∅4.5	∅5/8 x 5-1/2	∅5/8 x 6-1/2
PV-DC-PTPC-3040-12	23	12	∅3.5	∅4.5	∅5/8 x 5-1/2	∅5/8 x 6-1/2
PV-DC-PTPC-3040-24	30.5	24	∅3.5	∅4.5	∅5/8 x 5-1/2	∅5/8 x 6-1/2

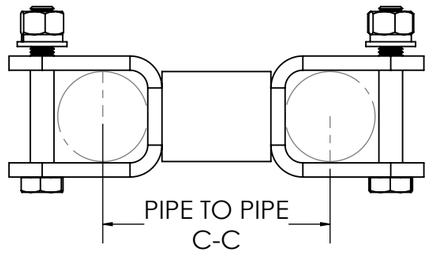
NOTE: 'PIPE BODY' DIAMETER IS ALWAYS EQUIVALENT TO 'PIPE 1' DIAMETER SIZE

NOTES:

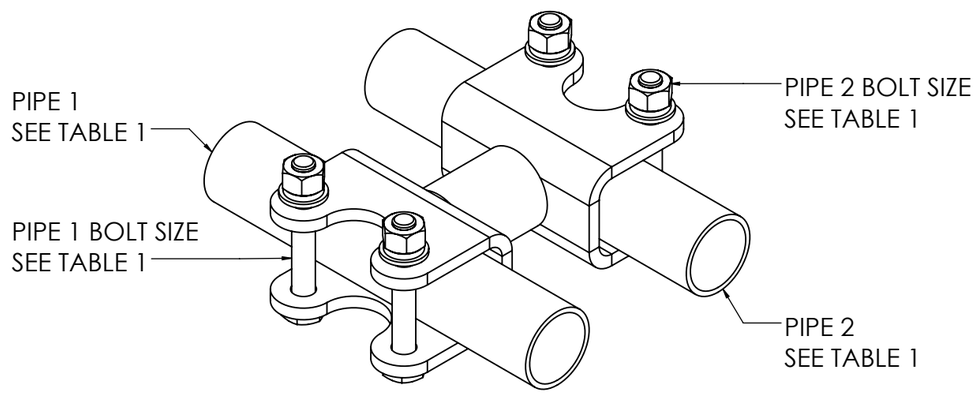
- INSTALLATION REQUIREMENTS:
  - MINIMUM BOLT TORQUE: 100 FT-LBS
  - CLEAN, DRY ASSEMBLY
  - GALVANIZED WELDMENT AND HARDWARE
  - COLORED WAX COATING ON NUTS
- MATERIALS
  - PIPE BRACKET: A36 HDG
  - PIPE BODY: A500 GR. C
  - HARDWARE: A325 HDG BOLT, A563DH NUT



PV-DC-PTPC
DUALCROSS - PIPE TO PIPE CONNECTION



PV-DC-PTPC
SIDE VIEW



SHEET 1 OF 2	THIRD ANGLE PROJECTION	CATEGORY	06_Pipe and Attachment Hardware	4			PERFECTVISION®
		SERIES	01_Crossovers	3			
12/30/2020	SCALE 1:4	TYPE	PV-DC-PTPC_Pipe to Pipe connection	2			
DIMENSIONS ARE IN INCHES TOLERANCES U.N.O. HOLES: +1/16", -1/32" ANGULAR: PROFILE ±1/4°, BEND ±2° ALL OTHERS: ±1/16"		BY	INT	1			DUALCROSS - PIPE TO PIPE CONNECTION
		CHECKED		0	INITIAL RELEASE	3/30/20	DOCUMENT NUMBER: PTPC-ENG-01-R0 REV: 0
		STATUS	APPROVED	REV	DESCRIPTION	DATE	

C:\PVMSfleet\Catalog\SW Working Files\Engineering Details\

KA-6030

TWIN BANDSTOP 900MHZ INTERFERENCE MITIGATION FILTER

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

FEATURES

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

TECHNICAL SPECIFICATIONS

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

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

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

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

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

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

ORDERING INFORMATION

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

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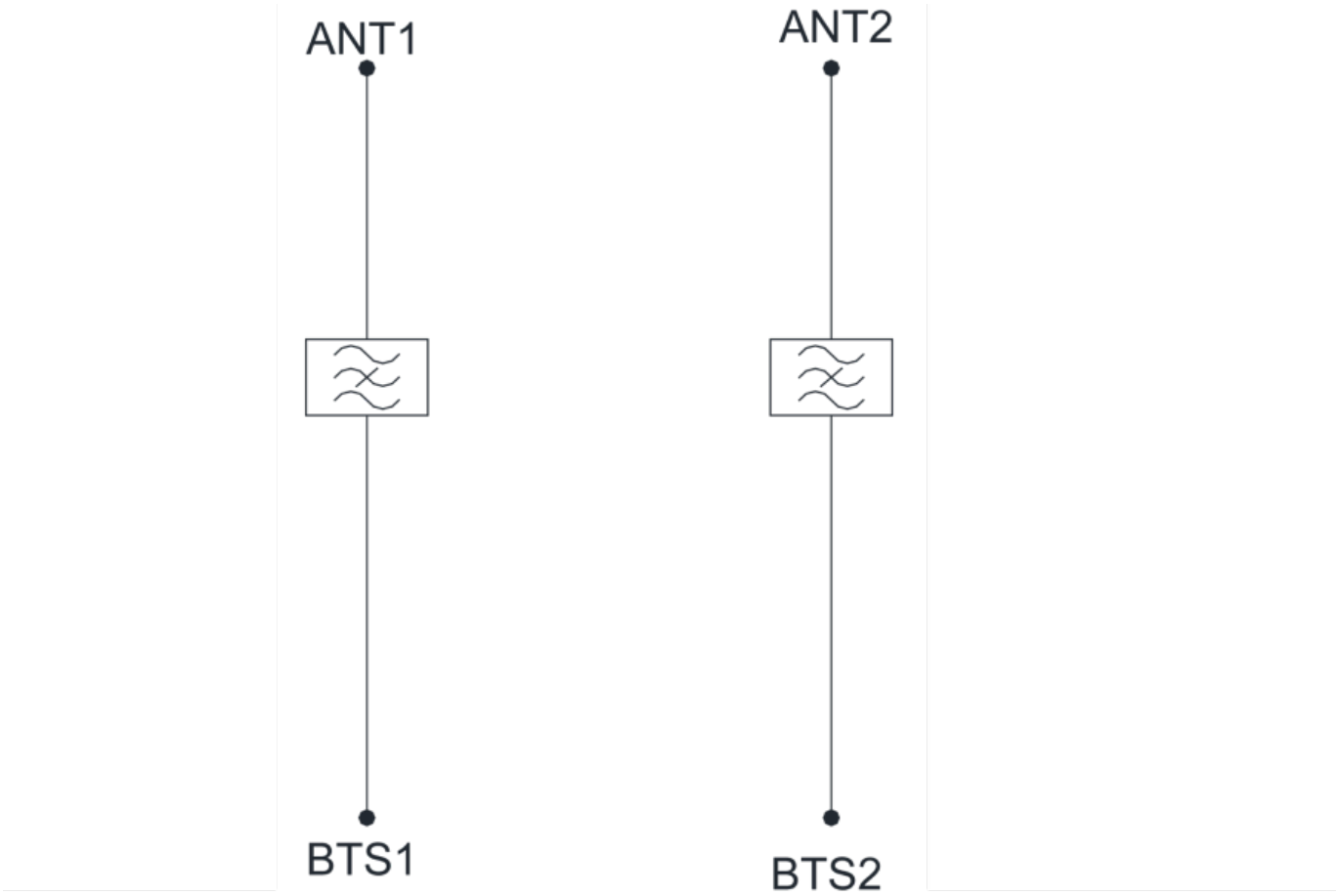
ELECTRICAL BLOCK DIAGRAM



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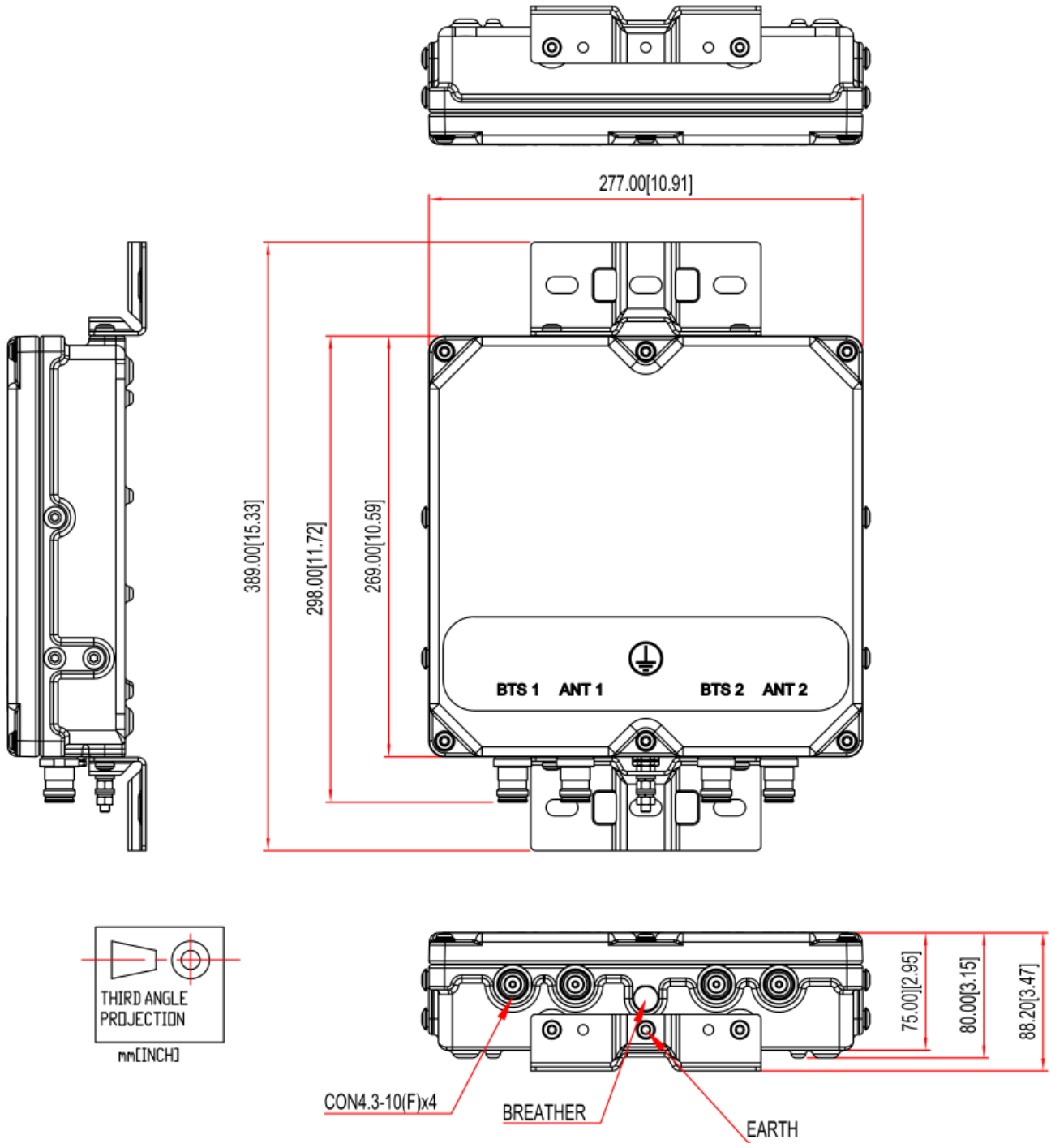
MECHANICAL BLOCK DIAGRAM



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

EXHIBIT 2

Property Location EASTOVER ROAD | Map ID 004/ 2955/ / / | Bldg Name | State Use 200
Vision ID 183864 | Account # 004-2955 | Bldg # 1 | Sec # 1 of 1 | Card # 1 of 1 | 03-23-2022 10:17:42

CURRENT OWNER

CELLCO PARTNERSHIP
VERIZON WIRELESS
P.O. BOX 2549
ADDISON TX 75001

TOPO		UTILITIES		STRT / ROAD		LOCATION	
		6	Septic	3	Unpaved		
		5	Well	1	Paved		
		7					

SUPPLEMENTAL DATA

Alt Prcl ID	68 383 4	DSSD	
Survey1	13380	Agent Nam	
Survey2	12210	Roll	1
Census Tr	207	Common	TEL/ELEC SWITC
Census Bl	3008	Neighborh	NEWFLD:
Sewer Acct	Y		
GIS ID	E 011Z 2648	Assoc Pid#	

CURRENT ASSESSMENT

Description	Code	Appraised	Assessed
COM LAND	2-1	592,610	414,830
COM BLDG	2-2	28,050	19,640
COM OUTBL	2-5	384,270	268,990
	Total	1,004,930	703,460

6135
STAMFORD, CT

VISION

RECORD OF OWNERSHIP

RECORD OF OWNERSHIP	BK-VOL/PAGE		SALE DATE	Q/U	V/I	SALE PRICE	VC
CELLCO PARTNERSHIP	4954	0250	03-30-1998	Q	I	594,710	00
METRO MOBILE CTS OF FAIRFIELD	3571	0172	05-23-1990	Q	I	0	00

PREVIOUS ASSESSMENTS (HISTORY)

Year	Code	Assessed	Year	Code	Assessed	Year	Code	Assessed
2021	2-1	414,830	2020	2-1	414,830	2020	2-1	414,830
	2-2	19,640		2-2	19,640		2-2	19,640
	2-5	268,990		2-5	268,990		2-5	268,990
	Total	703,460		Total	703,460		Total	703,460

EXEMPTIONS

Year	Code	Description	Amount
		Total	0.00

OTHER ASSESSMENTS

Code	Description	Number	Amount	Comm Int

This signature acknowledges a visit by a Data Collector or Assessor

ASSESSING NEIGHBORHOOD

Nbhd	Nbhd Name	B	Tracing	Batch
0100				

NOTES

SUBD 13380: LIST
004-1042 SPLIT INTO
004-2952 THRU
004-2955, LOTS 1-4
TELEPHONE UTILITIES BUILDING
W/CELL TOWER

APPRAISED VALUE SUMMARY

Appraised Bldg. Value (Card)	28,050
Appraised Xf (B) Value (Bldg)	0
Appraised Ob (B) Value (Bldg)	384,270
Appraised Land Value (Bldg)	592,610
Special Land Value	0
Total Appraised Parcel Value	1,004,930
Valuation Method	C
Total Appraised Parcel Value	1,004,930

BUILDING PERMIT RECORD

Permit Id	Issue Date	Type	Description	Amount	Insp Date	% Comp	Date Comp	Comments
B-21-1429	08-04-2021	NV	No Value	0		0		MODIFICATIONS TO EXISTIN
B-19-891	09-04-2019	NV		0		100	06-17-2021	UPGRADE & REPLACE EQUI
B-18-1661	10-16-2018	NV	No Value			0		INSTALL 3 NEW ANTENNAS
B-17-831	08-10-2017	NV	No Value			0		UPGRADE EQUIPMENT AT E
B-17-494	03-29-2017	NV	No Value			0		UPGRADES TO EXISTING C

VISIT / CHANGE HISTORY

Date	Id	Type	Is	Cd	Purpost/Result
03-01-2022	ROB			61	Income and Exp
02-23-2021	ROB			61	Income and Exp
10-18-2012	SM			80	Walk Around, No one hom
08-24-2012	SM			80	Walk Around, No one hom
02-20-2004	BJ			20	Informal Hearing (C)
10-03-2003	RGB			13	Split

LAND LINE VALUATION SECTION

B	Use Code	Description	Zone	Distri	District Desc.	Land Units		Unit Price	I. Factor	Site Index	Cond.	Nbhd.	Nhbd Adj	Notes	Location Adjustment		Adj Unit Pric	Land Value
1	200	Commercial MD	RA1	4		3.460	AC	357,043.50	0.47971	C	1.00	0100	1.000			0	171,273.77	592,610
		Total Card Land Units				3.46	AC	Parcel Total Land Area:		3.46							Total Land Value	592,610

Property Location EASTOVER ROAD | Map ID 004/ 2955/ / / | Bldg Name | State Use 200
Vision ID 183864 | Account # 004-2955 | Bldg # 1 | Sec # 1 of 1 | Card # 1 of 1 | 03-23-2022 10:17:42

CONSTRUCTION DETAIL

Element	Cd	Description
Style:	66	Telephone Bldg
Model	94	Comm/Ind
Grade	04	C
Stories:	1	
Occupancy	1.00	
Exterior Wall 1	27	Pre-finsh Metl
Exterior Wall 2		
Roof Structure	01	Flat
Roof Cover	04	T&G/Rubber
Interior Wall 1	01	Minimum
Interior Wall 2		
Interior Floor 1	03	Concrete Slab
Interior Floor 2		
Heating Fuel	03	Oil
Heating Type	08	Radiant
AC Type	01	None
Bldg Use	300C	Industrial MDL-94
Total Rooms		
Total Bedrms	00	
Total Baths	0	
Heat/AC	00	None
Frame Type	02	Wood Frame
Baths/Plumbing	00	None
Ceiling/Wall	04	Ceil & Mn Wall
Rooms/Prtns	01	Light
Wall Height	9.00	
% Comn Wall		
1st Floor Use:	300C	

CONSTRUCTION DETAIL (CONTINUED)

Element	Cd	Description

MIXED USE

Code	Description	Percentage
200	Commercial MDL-94	100
		0
		0

COST / MARKET VALUATION

RCN	32,999
Year Built	1994
Effective Year Built	
Depreciation Code	A
Remodel Rating	
Year Remodeled	
Depreciation %	15
Functional Obsol	
External Obsol	
Trend Factor	1
Condition	
Condition %	
Percent Good	85
RCNLD	28,050
Dep % Ovr	
Dep Ovr Comment	
Misc Imp Ovr	
Misc Imp Ovr Comment	
Cost to Cure Ovr	
Cost to Cure Ovr Comment	

BAS (415 sf)

OB - OUTBUILDING & YARD ITEMS(L) / XF - BUILDING EXTRA FEATURES(B)

Code	Description	L/B	Units	Unit Price	Yr Blt	Cond. Cd	% Good	Grade	Grade Adj	Appr. Value
AP1	Fence Chn Lk	L	1,596	11.50	1993	A	75	C	1.00	13,770
CEL1	Cell Tower	L	2	195000.0	2012	E	95		0.00	370,500

BUILDING SUB-AREA SUMMARY SECTION

Code	Description	Living Area	Floor Area	Eff Area	Unit Cost	Undeprec Value
BAS	First Floor	415	415		79.52	32,999
	Ttl Gross Liv / Lease Area	415	415			32,999

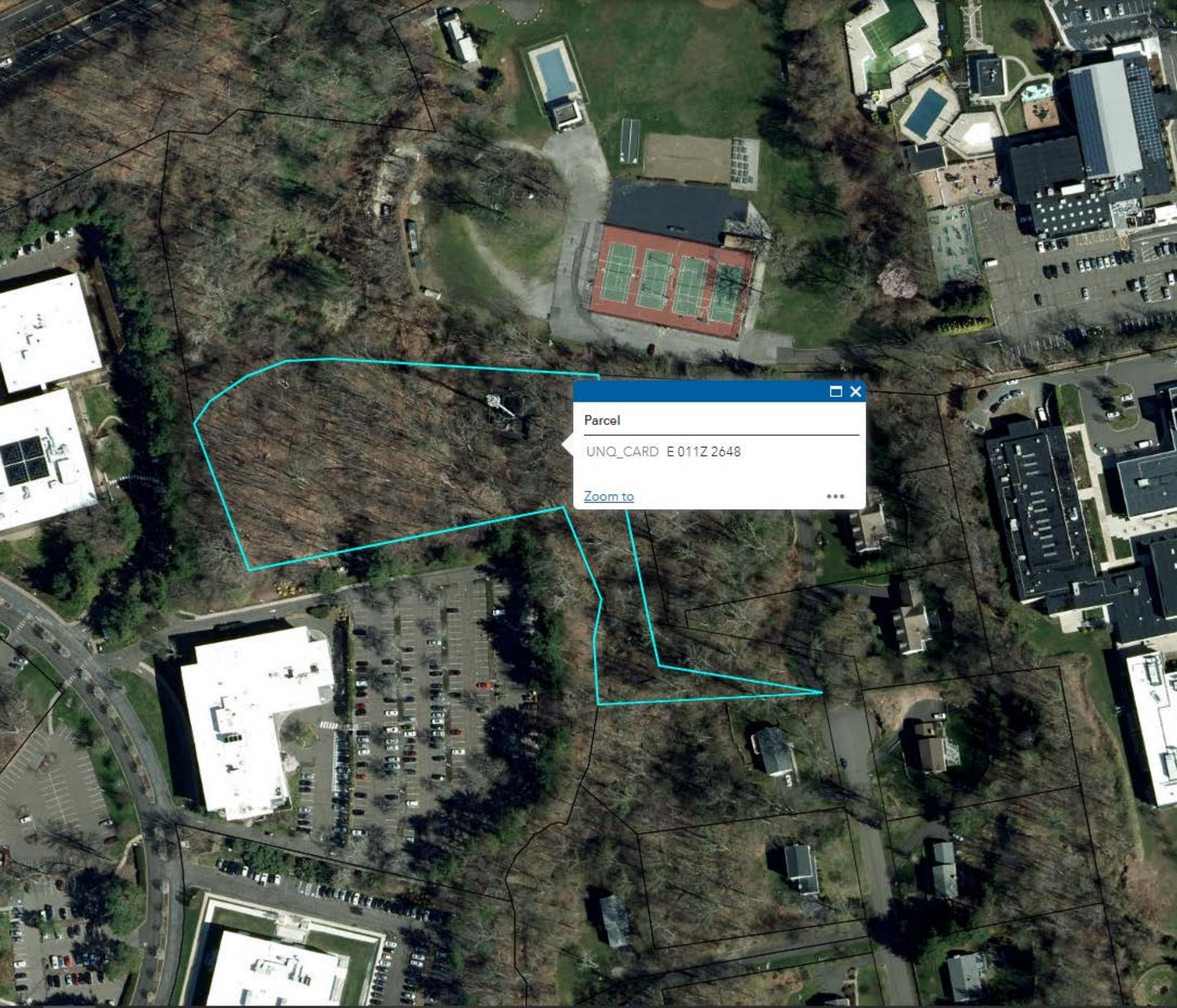

Parcel
UNQ_CARD E 011Z 2648
Zoom to

EXHIBIT 3

AMERICAN TOWER®
CORPORATION

Structural Analysis Report

Structure	:	148 ft Monopole
ATC Asset Name	:	SMFR - North
ATC Asset Number	:	302515
Engineering Number	:	14564817_C3_01
Proposed Carrier	:	VERIZON WIRELESS
Carrier Site Name	:	N STAMFORD CT
Carrier Site Number	:	5000385094
Site Location	:	5 High Ridge Park Road Stamford, CT 06905-1403 41.1128° N, 73.5384° W
County	:	Fairfield
Date	:	November 22, 2023
Max Usage	:	85%
Analysis Result	:	Pass

Created By:

Sarah Kramer
Structural Engineer I

Sarah D. Kramer

COA: PEC.0001553

Table of Contents

Introduction

The purpose of this report is to summarize results of a structural analysis performed on the 148 ft Monopole tower to reflect the change in loading by VERIZON WIRELESS.

Supporting Documents

Tower:	Engineered Endeavors Job #5591, dated November 22, 1999
Foundation:	Engineered Endeavors Job #5591, dated November 17, 1999
Geotechnical:	Dr. Clarence Welti Site #302515, dated October 25, 2000
Modification:	ATC Project #43868633, dated September 1, 2009 ATC Project #51772939, dated April 11, 2013

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:	120 mph (3-second gust)
Basic Wind Speed w/ Ice:	50 mph (3-second gust) w/ 1.00" radial ice concurrent
Code(s):	ANSI/TIA-222-H / 2021 IBC / 2022 Connecticut State Building Code
Exposure Category:	B
Risk Category:	II
Topographic Factor Procedure:	Method 1
Topographic Category:	1
Spectral Response:	Ss = 0.26, 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	64.2%	1.2D + 1.0W	Pass
Reinforcement	69.7%	0 ft to 105.13 ft	Pass
Upper Termination	46.7%	0 ft to 105.13 ft	Pass
Intermediate Connector	57.0%	0 ft to 105.13 ft	Pass
Serviceability Usage	39.9%	1.0D + 1.0W	Pass
Base Plate @ 0.0 ft	60.7%	Rods	Pass
Pier	84.5%	Flexure [Steel]	Pass

Maximum Reactions

Foundation	Moment (k-ft)	Axial (k)	Shear (k)
Monopole Base	3,678.3	68.7	30.2

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
145.3	4	Samsung MT6413-77A	-
143.5	2	RFS DB-T1-6Z-8AB-0Z	(2) 1 5/8" Hybriflex
	4	Commscope CBC78T-DS-43-2X	
	4	Commscope JAHH-45B-R3B	
	4	Commscope JAHH-65B-R3B	
	4	Samsung B2/B66A RRH ORAN (RF 4439d-25A)	
	4	Samsung RF4461d-13A	
143.0	1	Platform with Handrails	-
	1	Mount Reinforcement	
141.5	4	Samsung Outdoor CBRS 20W RRH –Clip-on Antenna	-
	4	Samsung RT4401-48A	

Other Existing/Reserved Loading

Elev (ft)	Qty	Equipment	Lines	Carrier
160.0	3	Ericsson RRUS 4415 B25	(2) 1 1/4" (1.25"- 31.8mm) Fiber (3) 1 1/4" Hybriflex Cable (1) 1 5/8" Hybriflex	T-MOBILE
	3	Ericsson Radio 4449 B71 B85A		
	3	RFS APXVAARR24_43-U-NA20		
152.0	1	Platform with Handrails	(2) 0.39" (10mm) Fiber Trunk (1) 0.51" (13mm) Hybrid (6) 0.78" (19.7mm) 8 AWG 6 (1) 0.92" (23.4mm) Cable (6) 1 5/8" Coax (2) 2" conduit (1) 3" conduit	AT&T MOBILITY
	1	Raycap DC9-48-60-24-8C-EV		
	2	Raycap DC6-48-60-18-8F (23.5" Height)		
	3	Ericsson AIR 6419 B77G		
	3	Ericsson Air 6449 B77D		
	3	Ericsson RRUS 32 (50.8 lbs)		
	3	Ericsson RRUS 32 B2		
	3	Ericsson RRUS 32 B66		
	3	Ericsson RRUS 4449 B5, B12		
	3	Ericsson RRUS 4478 B14		
	3	Ericsson RRUS E2 B29		
	3	Mount Reinforcement		
	3	Kathrein Scala 80010965		
	3	Quintel QD6616-7		
	6	Kaelus DBC0061F1V51-2		
	6	Powerwave Allgon LGP21401		
132.0	1	Low Profile Platform	(1) 1 1/4" (1.25"- 31.8mm) Fiber (2) 1 5/8" Hybriflex	T-MOBILE
	3	Ericsson AIR-32 B2A/B66Aa		
	3	Ericsson Air6449 B41		
122.5	3	Commscope DT465B-2XR	-	SPRINT NEXTEL
	3	RFS APXVSPP18-C-A20		
120.0	1	Low Profile Platform	(4) 1 1/4" Hybriflex Cable (1) 1" (25.4mm) Hybrid	SPRINT NEXTEL
	3	Alcatel-Lucent 4x40W RRH (91 lb)		
	3	Alcatel-Lucent 800 MHz 2X50W RRH w/ Filter		
	3	Alcatel-Lucent RRH2x50-08		
	3	Alcatel-Lucent TD-RRH8x20-25 w/ Solar Shield		
105.0	1	Antel BCD-87010 ___ 4°	(1) 7/8" Coax	SENSUS USA INC.
100.0	1	Side Arm	-	SENSUS USA INC.
94.0	1	Commscope RDIDC-9181-PF-48	(1) 1.75" (44.5mm) Hybrid	DISH WIRELESS L.L.C.
	1	Platform with Handrails		
	3	Fujitsu TA08025-B604		
	3	Fujitsu TA08025-B605		
	3	JMA Wireless MX08FRO665-21		

Elev (ft)	Qty	Equipment	Lines	Carrier
75.1	1	PCTEL GPS-TMG-HR-26N	-	SPRINT NEXTEL
75.0	1	Side Arm	(2) 1/2" Coax	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.

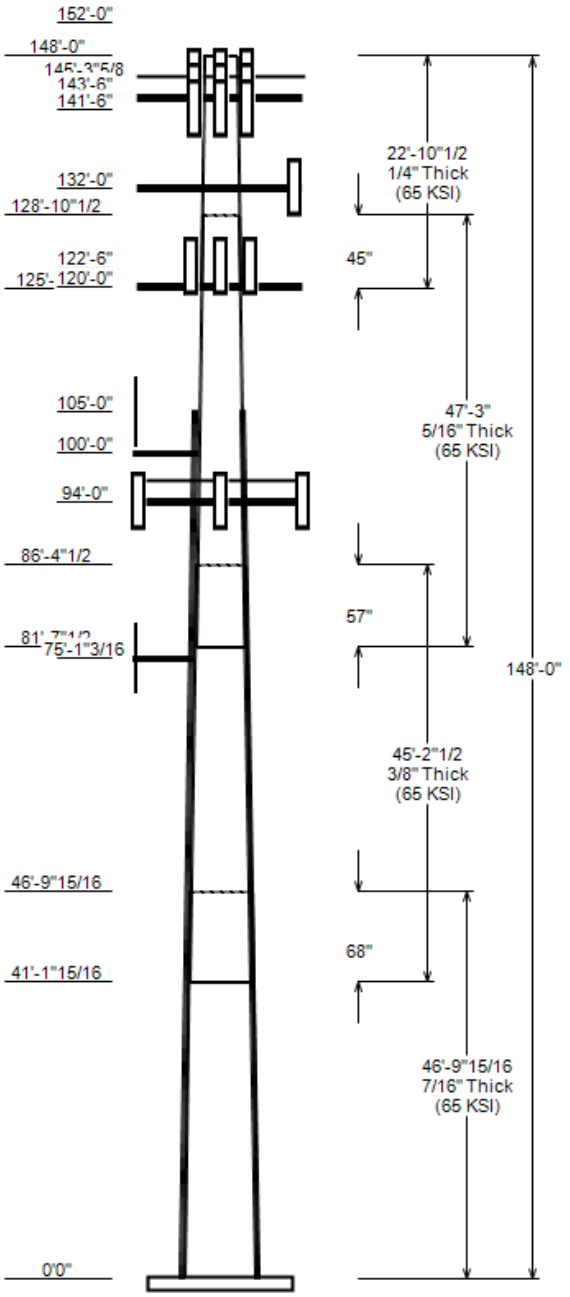
All assets of American Tower Corporation, its affiliates, and subsidiaries (collectively "American Tower") are inspected at regular intervals. Based upon these inspections and in the absence of information to the contrary, American Tower assumes that all structures were constructed in accordance with 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:	120 mph	**Ice Wind:**	50 mph w/ 1" ice	**Service Wind:**	60 mph
Risk Category:	II	**Exposure:**	B	**S_s:** 0.26	**S_1:** 0.058
Topo Category:	1	**Topo Factor:**	Method 1	**Topo Feature:**	
Structure Height:	148 ft	**Base Elevation:**	0.00 ft	**Structure Type:**	Taper
Base Diameter:	48 in	**Base Rotation:**	0°	**Taper:**	0.1950 (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	46.830	38.86	48.00	0.438		0.000	18 Sides	65
2	45.210	31.90	40.72	0.375	Slip Joint	68.000	18 Sides	65
3	47.250	24.23	33.45	0.312	Slip Joint	57.000	18 Sides	65
4	22.877	21.00	25.46	0.250	Slip Joint	45.000	18 Sides	65

DISCRETE APPURTENANCE

Elev (ft)	Description
160.0	(3) Ericsson Radio 4449 B71 B85A
160.0	(3) Ericsson RRUS 4415 B25
160.0	(3) RFS APXVAARR24_43-U-NA20
152.0	(6) Kaelus DBC0061F1V51-2
152.0	(6) Powerwave Allgon LGP21401
152.0	(2) Raycap DC6-48-60-18-8F (23.5"
152.0	(3) Ericsson RRUS 4478 B14
152.0	(3) Ericsson RRUS 4449 B5, B12
152.0	(3) Ericsson RRUS 32 (50.8 lbs)
152.0	(3) Ericsson RRUS 32 B2
152.0	(3) Ericsson RRUS 32 B66
152.0	(3) Ericsson RRUS E2 B29
152.0	(3) Ericsson AIR 6419 B77G
152.0	(3) Ericsson Air 6449 B77D
152.0	(1) Raycap DC9-48-60-24-8C-EV
152.0	(3) Generic Mount Reinforcement
152.0	(3) Quintel QD6616-7
152.0	(3) Kathrein Scala 80010965
152.0	(1) Generic Flat Platform with Han
145.3	(4) Samsung MT6413-77A
143.5	(4) Commscope CBC78T-DS-43-2X
143.5	(4) Samsung B2/B66A RRH ORAN (RF 4
143.5	(4) Samsung RF4461d-13A
143.5	(2) RFS DB-T1-6Z-8AB-0Z
143.5	(4) Commscope JAHH-65B-R3B
143.5	(4) Commscope JAHH-45B-R3B
143.0	(1) Generic Mount Reinforcement
143.0	(1) Generic Flat Platform with Han
141.5	(4) Samsung Outdoor CBRS 20W RRH –
141.5	(4) Samsung RT4401-48A
132.0	(3) Ericsson Air6449 B41
132.0	(3) Ericsson AIR-32 B2A/B66Aa
132.0	(1) Generic Flat Low Profile Platf
122.5	(3) RFS APXVSPP18-C-A20
122.5	(3) Commscope DT465B-2XR
120.0	(3) Alcatel-Lucent RRH2x50-08
120.0	(3) Alcatel-Lucent 800 MHz 2X50W R
120.0	(3) Alcatel-Lucent 4x40W RRH (91 l
120.0	(3) Alcatel-Lucent TD-RRH8x20-25 w
120.0	(1) Generic Flat Low Profile Platf
105.0	(1) Antel BCD-87010 ___ 4°
100.0	(1) Generic Flat Side Arm
94.0	(1) Commscope RDIDC-9181-PF-48
94.0	(3) Fujitsu TA08025-B605
94.0	(3) Fujitsu TA08025-B604
94.0	(3) JMA Wireless MX08FRO665-21
94.0	(1) Generic Flat Platform with Han
75.1	(1) PCTEL GPS-TMG-HR-26N
75.0	(1) Generic Round Side Arm

LINEAR APPURTENANCE

Elev To (ft)	Description
160.0	(1) 1 5/8" Hybriflex
160.0	(3) 1 1/4" Hybriflex Cable
160.0	(2) 1 1/4" (1.25"- 31.8mm) Fiber
152.0	(1) 3" conduit
152.0	(2) 2" conduit
152.0	(6) 1 5/8" Coax
152.0	(1) 0.92" (23.4mm) Cable
152.0	(6) 0.78" (19.7mm) 8 AWG 6
152.0	(1) 0.51" (13mm) Hybrid
152.0	(2) 0.39" (10mm) Fiber Trunk
143.5	(2) 1 5/8" Hybriflex
132.0	(1) 1 1/4" (1.25"- 31.8mm) Fiber
132.0	(2) 1 5/8" Hybriflex
120.0	(1) 1" (25.4mm) Hybrid
120.0	(4) 1 1/4" Hybriflex Cable
113.3	(1) #20 w/ Angle Brackets
113.3	(1) #20 w/ Angle Brackets
113.3	(1) #20 w/ Angle Brackets
113.3	(1) #20 w/ Angle Brackets
105.0	(1) 7/8" Coax
94.0	(1) 1.75" (44.5mm) Hybrid
75.0	(2) 1/2" Coax

GLOBAL BASE REACTIONS

Load Case	Moment (kip-ft)	Axial (kip)	Shear (kip)
1.2D + 1.0W	3678.32	68.74	30.22
0.9D + 1.0W	3615.58	51.54	30.18
1.2D + 1.0Di + 1.0Wi	933.19	90.89	7.74
1.2D + 1.0Ev + 1.0Eh	225.11	69.76	1.73
0.9D - 1.0Ev + 1.0Eh	219.93	46.96	1.72
1.0D + 1.0W	814.52	57.32	6.75

ANALYSIS PARAMETERS

Location:	Fairfield County,CT	**Height:**	148 ft
Type and Shape:	Taper, 18 Sides	**Base Diameter:**	48.00 in
Manufacturer:	EEI	**Top Diameter:**	21.00 in
K_d (non-service):	0.95	**Taper:**	0.1950 in/ft
K_e:	0.99	**Rotation:**	0.000°

ICE & WIND PARAMETERS

Risk Category:	II	**Design Wind Speed:**	120 mph
Exposure Category:	B	**Design Wind Speed w/ Ice:**	50 mph
Topo Factor Procedure:	Method 1	**Design Ice Thickness:**	1.00 in
Topographic Category:	1	**Service Wind Speed:**	60 mph
Crest Height:	0 ft	**HMSL:**	227.00 ft

SEISMIC PARAMETERS

Analysis Method:	Equivalent Lateral Force Method				
Site Class:	D - Stiff Soil		**Period Based on Rayleigh Method (sec):**		2.80
T_L (sec):	6	**P:**	1	**C_s:**	0.030
S_s:	0.260	**S_1:**	0.058	**C_s Max:**	0.030
F_a:	1.592	**F_v:**	2.400	**C_s Min:**	0.030
S_{ds}:	0.276	**S_{d1}:**	0.093		

LOAD CASES

1.2D + 1.0W	120 mph Wind with No Ice
0.9D + 1.0W	120 mph Wind with No Ice (Reduced DL)
1.2D + 1.0Di + 1.0Wi	50 mph Wind with 1" Radial Ice
1.2D + 1.0Ev + 1.0Eh	Seismic
0.9D - 1.0Ev + 1.0Eh	Seismic (Reduced DL)
1.0D + 1.0W	60 mph Wind with No Ice

SHAFT SECTION PROPERTIES

							Bottom						Top						
Section	Length (ft)	Thick (in)	Fy (ksi)	Joint Type	Joint Len (in)	Weight (lb)	Dia (in)	Elev (ft)	Area (in^2)	Ix (in^4)	W/t Ratio	D/t Ratio	Dia (in)	Elev (ft)	Area (in^2)	Ix (in^4)	W/t Ratio	D/t Ratio	Taper (in/ft)
1-18	46.83	0.4375	65		0.00	9,513	48.00	0.000	66.04	18,876.3	17.93	109.71	38.86	46.83	53.36	9,953.6	14.25	88.83	0.1951
2-18	45.21	0.3750	65	Slip	68.00	6,579	40.72	41.160	48.02	9,874.2	17.74	108.58	31.90	86.37	37.52	4,710.3	13.59	85.06	0.1951
3-18	47.25	0.3125	65	Slip	57.00	4,549	33.45	81.620	32.87	4,559.7	17.46	107.04	24.23	128.87	23.72	1,714.6	12.26	77.54	0.1951
4-18	22.88	0.2500	65	Slip	45.00	1,419	25.46	125.123	20.01	1,606.6	16.55	101.85	21.00	148.00	16.46	895.5	13.40	84.00	0.1951
			Total Shaft Weight			**22,060**													

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
160.00	RFS APXVAARR24_43-U-NA20	3	1.00	0.000	127.90	20.243	0.63	389.57	22.715	0.63
160.00	Ericsson RRUS 4415 B25	3	1.00	0.000	46.00	1.842	0.50	78.68	2.440	0.50
160.00	Ericsson Radio 4449 B71 B85A	3	1.00	0.000	75.00	1.650	0.50	115.08	2.216	0.50
152.00	Generic Flat Platform with Han	1	1.00	0.000	2500.00	42.400	1.00	3684.07	56.379	1.00
152.00	Kathrein Scala 80010965	3	0.75	0.000	97.60	13.814	0.62	275.30	15.847	0.62
152.00	Quintel QD6616-7	3	0.75	0.000	130.00	13.578	0.64	324.98	15.469	0.64
152.00	Generic Mount Reinforcement	3	1.00	0.000	200.00	7.500	1.00	328.99	12.491	1.00
152.00	Raycap DC9-48-60-24-8C-EV	1	0.75	0.000	16.00	4.788	0.50	102.05	5.768	0.50
152.00	Ericsson Air 6449 B77D	3	0.75	0.000	81.60	4.028	0.65	150.14	4.944	0.65
152.00	Ericsson AIR 6419 B77G	3	0.75	0.000	66.10	3.797	0.65	130.77	4.675	0.65
152.00	Ericsson RRUS E2 B29	3	0.75	0.000	60.00	3.145	0.50	113.91	3.918	0.50
152.00	Ericsson RRUS 32 B2	3	0.75	0.000	53.00	2.743	0.50	102.02	3.522	0.50
152.00	Ericsson RRUS 32 B66	3	0.75	0.000	53.00	2.743	0.50	102.02	3.522	0.50
152.00	Ericsson RRUS 32 (50.8 lbs)	3	0.75	0.000	50.80	2.692	0.50	98.47	3.462	0.50
152.00	Ericsson RRUS 4449 B5, B12	3	0.75	0.000	71.00	1.969	0.50	113.96	2.591	0.50
152.00	Ericsson RRUS 4478 B14	3	0.75	0.000	59.90	1.842	0.50	96.75	2.440	0.50
152.00	Raycap DC6-48-60-18-8F (23.5"	2	0.75	0.000	20.00	1.260	0.50	55.09	1.699	0.50
152.00	Powerwave Allgon LGP21401	6	0.75	0.000	14.10	1.104	0.50	30.73	1.580	0.50
152.00	Kaelus DBC0061F1V51-2	6	0.75	0.000	25.50	0.433	0.50	37.81	0.733	0.50
145.30	Samsung MT6413-77A	4	0.75	0.000	57.30	3.805	0.61	113.83	4.689	0.61
143.50	Commscope CBC78T-DS-43-2X	4	0.75	0.000	20.70	0.552	0.50	35.39	0.890	0.50
143.50	Commscope JAHH-65B-R3B	4	0.80	0.000	60.60	9.113	0.69	195.13	10.958	0.69
143.50	Commscope JAHH-45B-R3B	4	0.80	0.000	83.80	11.400	0.63	235.74	13.254	0.63
143.50	RFS DB-T1-6Z-8AB-0Z	2	0.80	-1.000	44.00	4.800	0.50	127.69	5.745	0.50
143.50	Samsung RF4461d-13A	4	0.75	0.000	79.10	1.875	0.50	121.97	2.475	0.50
143.50	Samsung B2/B66A RRH ORAN (RF 4	4	0.75	0.000	74.70	1.875	0.50	117.19	2.473	0.50
143.00	Generic Flat Platform with Han	1	1.00	0.000	2500.00	42.400	1.00	3680.47	56.336	1.00
143.00	Generic Mount Reinforcement	1	1.00	0.000	200.00	4.980	1.00	328.60	8.284	1.00
141.50	Samsung RT4401-48A	4	0.75	0.000	18.60	0.996	0.50	36.53	1.450	0.50
141.50	Samsung Outdoor CBRS 20W RRH –	4	0.80	0.000	4.40	0.892	0.50	16.35	1.316	0.50
132.00	Ericsson Air6449 B41	3	0.80	0.000	104.00	5.682	0.63	193.82	6.728	0.63
132.00	Generic Flat Low Profile Platf	1	1.00	0.000	1875.00	26.100	1.00	2408.74	38.682	1.00
132.00	Ericsson AIR-32 B2A/B66Aa	3	0.80	0.000	132.20	6.510	0.71	237.39	7.954	0.71
122.50	Commscope DT465B-2XR	3	0.80	0.000	58.00	9.098	0.69	190.12	10.909	0.69
122.50	RFS APXVSPP18-C-A20	3	0.80	0.000	57.00	8.024	0.69	169.81	9.848	0.69
120.00	Alcatel-Lucent 800 MHz 2X50W R	3	0.80	0.000	64.00	2.058	0.50	114.23	2.682	0.50
120.00	Generic Flat Low Profile Platf	1	1.00	0.000	1875.00	26.100	1.00	2402.97	38.546	1.00
120.00	Alcatel-Lucent TD-RRH8x20-25 w	3	0.80	0.000	70.00	4.046	0.50	131.61	4.911	0.50
120.00	Alcatel-Lucent RRH2x50-08	3	0.80	0.000	52.90	1.701	0.50	91.53	2.263	0.50
120.00	Alcatel-Lucent 4x40W RRH (91 l	3	0.80	0.000	91.00	3.287	0.50	162.37	4.065	0.50
105.00	Antel BCD-87010 ___ 4°	1	1.00	0.000	26.50	2.900	1.00	100.57	5.495	1.00
100.00	Generic Flat Side Arm	1	1.00	0.000	187.50	6.300	1.00	272.75	8.294	1.00
94.00	Commscope RDIDC-9181-PF-48	1	0.75	0.000	21.90	1.867	0.50	58.10	2.440	0.50
94.00	Fujitsu TA08025-B605	3	0.75	0.000	75.00	1.962	0.50	114.85	2.547	0.50
94.00	Fujitsu TA08025-B604	3	0.75	0.000	63.90	1.962	0.50	101.00	2.547	0.50
94.00	JMA Wireless MX08FRO665-21	3	0.75	0.000	64.50	12.489	0.64	228.01	14.277	0.64
94.00	Generic Flat Platform with Han	1	1.00	0.000	2500.00	42.400	1.00	3630.13	55.742	1.00
75.10	PCTEL GPS-TMG-HR-26N	1	1.00	0.000	0.60	0.090	1.00	3.62	0.202	1.00
75.00	Generic Round Side Arm	1	1.00	0.000	187.50	5.200	1.00	244.30	6.888	1.00

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
Totals	**Row Count: 49**	**135**			**19,865.60**			**33,647.83**		

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	160.00	3	1 1/4" Hybriflex Cabl	1.54	1	N	3	1	1	180	1	Y	T-MOBILE
0.00	160.00	2	1 1/4" (1.25"- 31.8mm	1.25	1.05	N	0	0	0	0	0	N	T-MOBILE
0.00	160.00	1	1 5/8" Hybriflex	1.98	1.3	N	0	0	0	0	0	N	T-MOBILE
0.00	152.00	6	1 5/8" Coax	1.98	0.82	N	0	0	0	0	0	N	AT&T MOBILITY
0.00	152.00	6	0.78" (19.7mm) 8 AWG	0.78	0.59	N	0	0	0	0	0	N	AT&T MOBILITY
0.00	152.00	2	0.39" (10mm) Fiber Tr	0.39	0.06	N	0	0	0	0	0	N	AT&T MOBILITY
0.00	152.00	2	2" conduit	2.38	3.65	N	0	0	0	0	0	N	AT&T MOBILITY
0.00	152.00	1	3" conduit	3.5	7.58	N	0	0	0	0	0	N	AT&T MOBILITY
0.00	152.00	1	0.92" (23.4mm) Cable	0.92	0.89	N	0	0	0	0	0	N	AT&T MOBILITY
0.00	152.00	1	0.51" (13mm) Hybrid	0.51	0.14	N	0	0	0	0	0	N	AT&T MOBILITY
10.00	143.50	2	1 5/8" Hybriflex	1.98	1.3	N	2	1	1	90	1	Y	VERIZON WIRELESS
0.00	132.00	2	1 5/8" Hybriflex	1.98	1.3	N	0	0	0	0	0	N	T-MOBILE
10.00	132.00	1	1 1/4" (1.25"- 31.8mm	1.25	1.05	N	1	1	1	190	1	Y	T-MOBILE
0.00	120.00	4	1 1/4" Hybriflex Cabl	1.54	1	N	2	1	1	1	1	Y	SPRINT NEXTEL
0.00	120.00	1	1" (25.4mm) Hybrid	1	0.65	N	0	0	0	0	0	N	SPRINT NEXTEL
0.00	113.30	1	#20 w/ Angle Brackets	4	4.68	N	1	0	0	45	0	Y	
0.00	113.30	1	#20 w/ Angle Brackets	4	4.68	N	1	0	0	315	0	Y	
0.00	113.30	1	#20 w/ Angle Brackets	4	4.68	N	1	0	0	225	0	Y	
0.00	113.30	1	#20 w/ Angle Brackets	4	4.68	N	1	0	0	135	0	Y	
10.00	105.00	1	7/8" Coax	1.09	0.33	N	0	0	0	0	0	N	SENSUS USA INC.
0.00	94.00	1	1.75" (44.5mm) Hybrid	1.75	2.72	N	0	0	0	0	0	N	DISH WIRELESS L.L.C.
10.00	75.00	2	1/2" Coax	0.63	0.15	N	1	1	1	275	1	Y	SPRINT NEXTEL

ADDITIONAL STEEL

Elev From (ft)	Elev To (ft)	Qty	Description	Fy (ksi)	Intermediate Connectors Offset (in)	Bracket Type	Spacing (in)	Length (in)	Connectors	Continuation?
0.00	105.13	4	SOL #20 All Thread Bar	80	2.19	6" Angle Bracket	30.00	3.31	5/8" A36 U-Bolt	N

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)	Additional Reinforcing Area (in^2)	Additional Reinforcing Ix (in^4)	Additional Reinforcing Weight (lb)
0.00		0.4375	48.000	66.044	18,876.3	17.93	109.71	80.3	774.6	0.0	0.0	19.640	7,401.70	0.0
5.00		0.4375	47.024	64.689	17,738.4	17.54	107.48	80.8	743.0	0.0	1,112.1	19.640	7,141.10	334.0
10.00		0.4375	46.049	63.335	16,647.3	17.15	105.25	81.2	712.0	0.0	1,089.1	19.640	6,885.30	334.0
15.00		0.4375	45.073	61.980	15,601.8	16.76	103.02	81.7	681.8	0.0	1,066.0	19.640	6,634.10	334.0
20.00		0.4375	44.098	60.626	14,601.0	16.36	100.79	82.2	652.1	0.0	1,043.0	19.640	6,387.60	334.0
25.00		0.4375	43.122	59.271	13,644.0	15.97	98.57	82.6	623.2	0.0	1,020.0	19.640	6,145.70	334.0
30.00		0.4375	42.147	57.916	12,729.7	15.58	96.34	82.6	594.9	0.0	996.9	19.640	5,908.60	334.0
35.00		0.4375	41.171	56.562	11,857.2	15.18	94.11	82.6	567.2	0.0	973.9	19.640	5,676.10	334.0
40.00		0.4375	40.196	55.207	11,025.5	14.79	91.88	82.6	540.3	0.0	950.8	19.640	5,448.20	334.0
41.16	Bot - Section 2	0.4375	39.969	54.892	10,837.8	14.70	91.36	82.6	534.1	0.0	217.9	19.640	5,395.90	77.7
45.00		0.4375	39.220	53.852	10,233.7	14.40	89.65	82.6	513.9	0.0	1,330.9	19.640	5,396.20	256.3
46.83	Top - Section 1	0.3750	39.613	46.701	9,084.40	17.22	105.63	81.2	451.7	0.0	625.9	19.640	5,314.40	122.2
50.00		0.3750	38.995	45.965	8,661.50	16.92	103.99	81.5	437.5	0.0	499.8	19.640	5,174.10	211.8
55.00		0.3750	38.019	44.804	8,021.60	16.47	101.38	82	415.6	0.0	772.2	19.640	4,956.70	334.0
60.00		0.3750	37.043	43.643	7,414.00	16.01	98.78	82.6	394.2	0.0	752.4	19.640	4,744.00	334.0
65.00		0.3750	36.068	42.482	6,837.80	15.55	96.18	82.6	373.4	0.0	732.7	19.640	4,536.00	334.0
70.00		0.3750	35.092	41.321	6,292.40	15.09	93.58	82.6	353.2	0.0	712.9	19.640	4,332.60	334.0
75.00		0.3750	34.117	40.160	5,776.70	14.63	90.98	82.6	333.5	0.0	693.1	19.640	4,133.90	334.0
75.10		0.3750	34.097	40.136	5,766.70	14.62	90.93	82.6	333.1	0.0	13.7	19.640	4,129.90	6.7

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)	Additional Reinforcing Area (in^2)	Additional Reinforcing Ix (in^4)	Additional Reinforcing Weight (lb)
80.00		0.3750	33.141	38.999	5,290.00	14.17	88.38	82.6	314.4	0.0	659.7	19.640	3,939.80	327.3
81.62	Bot - Section 3	0.3750	32.824	38.622	5,138.10	14.02	87.53	82.6	308.3	0.0	214.4	19.640	3,877.80	108.4
85.00		0.3750	32.166	37.837	4,831.40	13.71	85.78	82.6	295.8	0.0	813.1	19.640	3,871.30	225.6
86.37	Top - Section 2	0.3125	32.523	31.947	4,187.70	16.94	104.07	81.5	253.6	0.0	326.0	19.640	3,819.20	91.7
90.00		0.3125	31.815	31.246	3,917.70	16.54	101.81	81.9	242.5	0.0	389.9	19.640	3,683.60	242.3
94.00		0.3125	31.035	30.471	3,633.70	16.10	99.31	82.5	230.6	0.0	420.0	19.640	3,536.80	267.2
95.00		0.3125	30.840	30.278	3,564.90	15.99	98.69	82.6	227.7	0.0	103.4	19.640	3,500.60	66.8
100.00		0.3125	29.864	29.310	3,233.90	15.44	95.56	82.6	213.3	0.0	506.9	19.640	3,322.20	334.0
105.00		0.3125	28.888	28.343	2,924.10	14.89	92.44	82.6	199.4	0.0	490.5	19.640	3,148.60	334.0
105.13	Reinf. Top	0.3125	28.863	28.318	2,916.30	14.88	92.36	82.6	199.0	0.0	12.5	19.640	3,144.10	8.7
110.00		0.3125	27.913	27.375	2,634.80	14.34	89.32	82.6	185.9	0.0	461.5			
115.00		0.3125	26.937	26.408	2,365.10	13.79	86.20	82.6	172.9	0.0	457.5			
120.00		0.3125	25.962	25.440	2,114.60	13.24	83.08	82.6	160.4	0.0	441.1			
122.50		0.3125	25.474	24.956	1,996.20	12.96	81.52	82.6	154.3	0.0	214.4			
125.00		0.3125	24.986	24.472	1,882.30	12.69	79.96	82.6	148.4	0.0	210.2			
125.12	Bot - Section 4	0.3125	24.962	24.449	1,876.80	12.67	79.88	82.6	148.1	0.0	10.3			
128.87	Top - Section 3	0.2500	24.731	19.425	1,470.80	16.03	98.92	82.5	117.1	0.0	558.9			
130.00		0.2500	24.511	19.250	1,431.50	15.88	98.04	82.6	115.0	0.0	74.1			
132.00		0.2500	24.120	18.941	1,363.50	15.60	96.48	82.6	111.3	0.0	130.0			
135.00		0.2500	23.535	18.476	1,265.70	15.19	94.14	82.6	105.9	0.0	191.0			
140.00		0.2500	22.560	17.702	1,113.20	14.50	90.24	82.6	97.2	0.0	307.8			
141.50		0.2500	22.267	17.470	1,069.90	14.29	89.07	82.6	94.6	0.0	89.8			
143.00		0.2500	21.974	17.238	1,027.80	14.09	87.90	82.6	92.1	0.0	88.6			
143.50		0.2500	21.877	17.160	1,014.00	14.02	87.51	82.6	91.3	0.0	29.3			
145.00		0.2500	21.584	16.928	973.40	13.81	86.34	82.6	88.8	0.0	87.0			
145.30		0.2500	21.526	16.882	965.40	13.77	86.10	82.6	88.3	0.0	17.3			
148.00		0.2500	20.999	16.464	895.50	13.40	83.99	82.6	84.0	0.0	153.2			
										Totals:	**22,061.7**			**7,022.7**

CALCULATED FORCES

Load Case: 1.2D + 1.0W — 120 mph Wind with No Ice — 25 Iterations

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

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (ft-kips)	Mu MZ (ft-kips)	Mu MX (ft-kips)	Resultant Moment (ft-kips)	Phi Pn (kips)	Phi Vn (kips)	Phi Tn (ft-kips)	Phi Mn (ft-kips)	Total Deflect (in)	Rotation (deg)	Ratio
0.00	-68.74	-30.22	0.00	-3,678.3	0.00	3,678.32	4,773.35	1,159.07	4,979.55	4,665.14	0	0	0.578
5.00	-66.54	-30.05	0.00	-3,527.2	0.00	3,527.24	4,702.37	1,135.30	4,777.40	4,500.65	0.1	-0.2	0.570
10.00	-64.38	-29.88	0.00	-3,377.0	0.00	3,376.99	4,630.26	1,111.53	4,579.44	4,337.97	0.41	-0.39	0.562
15.00	-62.21	-29.71	0.00	-3,227.6	0.00	3,227.57	4,557.02	1,087.75	4,385.67	4,177.17	0.93	-0.59	0.553
20.00	-60.08	-29.54	0.00	-3,079.0	0.00	3,079.02	4,482.66	1,063.98	4,196.09	4,018.33	1.66	-0.79	0.544
25.00	-57.97	-29.36	0.00	-2,931.3	0.00	2,931.34	4,403.54	1,040.21	4,010.70	3,858.33	2.6	-1	0.534
30.00	-55.89	-29.17	0.00	-2,784.6	0.00	2,784.57	4,302.90	1,016.43	3,829.49	3,683.11	3.76	-1.2	0.527
35.00	-53.85	-28.96	0.00	-2,638.7	0.00	2,638.74	4,202.25	992.66	3,652.48	3,511.96	5.13	-1.41	0.518
40.00	-51.86	-28.81	0.00	-2,493.9	0.00	2,493.93	4,101.61	968.88	3,479.65	3,344.88	6.72	-1.62	0.509
41.16	-51.37	-28.70	0.00	-2,460.4	0.00	2,460.42	4,078.20	963.35	3,440.04	3,306.59	7.12	-1.67	0.507
45.00	-49.12	-28.53	0.00	-2,350.3	0.00	2,350.30	4,000.97	945.11	3,311.01	3,181.88	8.52	-1.83	0.494
46.83	-48.04	-28.40	0.00	-2,298.1	0.00	2,298.09	3,410.91	819.61	2,904.91	2,749.16	9.24	-1.91	0.539
50.00	-46.86	-28.20	0.00	-2,208.1	0.00	2,208.07	3,371.30	806.69	2,814.06	2,673.99	10.55	-2.04	0.528
55.00	-45.06	-27.94	0.00	-2,067.1	0.00	2,067.07	3,307.89	786.31	2,673.71	2,556.79	12.81	-2.26	0.510
60.00	-43.29	-27.66	0.00	-1,927.4	0.00	1,927.39	3,242.46	765.93	2,536.95	2,440.62	15.29	-2.48	0.492
65.00	-41.54	-27.37	0.00	-1,789.1	0.00	1,789.10	3,156.19	745.56	2,403.77	2,311.85	18	-2.7	0.476
70.00	-39.82	-27.07	0.00	-1,652.2	0.00	1,652.25	3,069.93	725.18	2,274.19	2,186.56	20.94	-2.91	0.458
75.00	-37.95	-26.67	0.00	-1,516.9	0.00	1,516.91	2,983.66	704.80	2,148.20	2,064.76	24.11	-3.12	0.438
75.10	-37.88	-26.56	0.00	-1,514.2	0.00	1,514.25	2,981.94	704.39	2,145.71	2,062.36	24.17	-3.13	0.438
80.00	-36.28	-26.32	0.00	-1,384.1	0.00	1,384.12	2,897.40	684.42	2,025.80	1,946.46	27.49	-3.33	0.417
81.62	-35.73	-26.17	0.00	-1,341.4	0.00	1,341.39	2,869.39	677.81	1,986.83	1,908.80	28.63	-3.4	0.410
85.00	-34.19	-25.96	0.00	-1,253.0	0.00	1,253.03	2,811.13	664.05	1,906.98	1,831.65	31.09	-3.54	0.389
86.37	-33.56	-25.80	0.00	-1,217.4	0.00	1,217.37	2,342.64	560.68	1,631.27	1,549.74	32.11	-3.59	0.422
90.00	-32.47	-25.55	0.00	-1,123.8	0.00	1,123.80	2,304.38	548.36	1,560.40	1,490.62	34.9	-3.74	0.399

CALCULATED FORCES

94.00	-27.73	-22.67	0.00	-1,021.6	0.00	1,021.60	2,261.50	534.77	1,484.05	1,426.29	38.1	-3.9	0.372
95.00	-27.42	-22.49	0.00	-998.9	0.00	998.93	2,249.50	531.38	1,465.26	1,409.62	38.92	-3.94	0.367
100.00	-25.80	-21.88	0.00	-886.5	0.00	886.46	2,177.61	514.40	1,373.12	1,320.52	43.14	-4.13	0.340
105.00	-24.40	-21.53	0.00	-777.1	0.00	777.06	2,105.72	497.42	1,283.98	1,234.33	47.55	-4.31	0.312
105.13	-24.35	-21.40	0.00	-774.3	0.00	774.26	2,103.86	496.97	1,281.70	1,232.13	47.67	-4.31	0.311
105.13	-24.35	-21.40	0.00	-774.3	0.00	774.26	2,103.86	496.97	1,281.70	1,232.13	47.67	-4.31	0.642
110.00	-23.38	-21.10	0.00	-670.1	0.00	670.06	2,033.84	480.43	1,197.82	1,151.05	52.15	-4.48	0.596
115.00	-22.41	-20.83	0.00	-564.6	0.00	564.56	1,961.95	463.45	1,114.65	1,070.68	57.02	-4.81	0.541
120.00	-18.48	-18.75	0.00	-460.4	0.00	460.41	1,890.06	446.47	1,034.48	993.22	62.22	-5.12	0.475
122.50	-17.78	-17.44	0.00	-413.5	0.00	413.53	1,854.12	437.98	995.52	955.58	64.94	-5.26	0.444
125.00	-17.40	-17.35	0.00	-369.9	0.00	369.93	1,818.18	429.49	957.30	918.67	67.73	-5.4	0.414
125.12	-17.36	-17.25	0.00	-367.8	0.00	367.80	1,816.40	429.07	955.44	916.87	67.87	-5.41	0.412
128.87	-16.51	-17.06	0.00	-303.1	0.00	303.10	1,443.05	340.90	753.84	725.17	72.19	-5.6	0.432
130.00	-16.36	-16.97	0.00	-283.9	0.00	283.88	1,430.19	337.84	740.36	712.19	73.52	-5.66	0.413
132.00	-13.20	-14.65	0.00	-249.9	0.00	249.94	1,407.19	332.41	716.74	689.35	75.91	-5.76	0.374
135.00	-12.83	-14.42	0.00	-206.0	0.00	205.98	1,372.68	324.26	682.03	655.79	79.57	-5.91	0.325
140.00	-12.25	-14.19	0.00	-133.9	0.00	133.89	1,315.17	310.67	626.08	601.71	85.85	-6.1	0.234
141.50	-11.99	-13.97	0.00	-112.6	0.00	112.60	1,297.92	306.60	609.77	585.94	87.77	-6.14	0.203
143.00	-8.82	-11.58	0.00	-91.6	0.00	91.65	1,280.67	302.52	593.67	570.38	89.71	-6.18	0.169
143.50	-7.38	-9.12	0.00	-85.9	0.00	85.86	1,274.92	301.16	588.35	565.24	90.35	-6.2	0.159
145.00	-7.22	-9.06	0.00	-72.2	0.00	72.18	1,257.66	297.09	572.54	549.96	92.3	-6.23	0.138
145.30	-6.95	-8.65	0.00	-69.5	0.00	69.46	1,254.21	296.27	569.40	546.93	92.69	-6.24	0.133
148.00	0.00	-7.84	0.00	-46.1	0.00	46.10	1,223.16	288.93	541.56	520.03	96.23	-6.28	0.089

CALCULATED FORCES

Load Case: 0.9D + 1.0W — 120 mph Wind with No Ice (Reduced DL) — 25 Iterations

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

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (ft-kips)	Mu MZ (ft-kips)	Mu MX (ft-kips)	Resultant Moment (ft-kips)	Phi Pn (kips)	Phi Vn (kips)	Phi Tn (ft-kips)	Phi Mn (ft-kips)	Total Deflect (in)	Rotation (deg)	Ratio
0.00	-51.54	-30.18	0.00	-3,615.6	0.00	3,615.58	4,773.35	1,159.07	4,979.55	4,665.14	0	0	0.566
5.00	-49.87	-29.96	0.00	-3,464.7	0.00	3,464.66	4,702.37	1,135.30	4,777.40	4,500.65	0.1	-0.19	0.558
10.00	-48.22	-29.74	0.00	-3,314.9	0.00	3,314.86	4,630.26	1,111.53	4,579.44	4,337.97	0.41	-0.39	0.549
15.00	-46.58	-29.51	0.00	-3,166.2	0.00	3,166.17	4,557.02	1,087.75	4,385.67	4,177.17	0.92	-0.58	0.540
20.00	-44.95	-29.29	0.00	-3,018.6	0.00	3,018.62	4,482.66	1,063.98	4,196.09	4,018.33	1.63	-0.78	0.531
25.00	-43.35	-29.06	0.00	-2,872.2	0.00	2,872.19	4,403.54	1,040.21	4,010.70	3,858.33	2.56	-0.98	0.521
30.00	-41.77	-28.83	0.00	-2,726.9	0.00	2,726.90	4,302.90	1,016.43	3,829.49	3,683.11	3.69	-1.18	0.514
35.00	-40.22	-28.58	0.00	-2,582.8	0.00	2,582.78	4,202.25	992.66	3,652.48	3,511.96	5.03	-1.38	0.505
40.00	-38.72	-28.41	0.00	-2,439.9	0.00	2,439.88	4,101.61	968.88	3,479.65	3,344.88	6.59	-1.59	0.496
41.16	-38.34	-28.28	0.00	-2,406.8	0.00	2,406.84	4,078.20	963.35	3,440.04	3,306.59	6.98	-1.64	0.494
45.00	-36.64	-28.10	0.00	-2,298.3	0.00	2,298.33	4,000.97	945.11	3,311.01	3,181.88	8.36	-1.79	0.481
46.83	-35.82	-27.95	0.00	-2,246.9	0.00	2,246.91	3,410.91	819.61	2,904.91	2,749.16	9.07	-1.87	0.524
50.00	-34.92	-27.72	0.00	-2,158.3	0.00	2,158.31	3,371.30	806.69	2,814.06	2,673.99	10.35	-2	0.514
55.00	-33.55	-27.43	0.00	-2,019.7	0.00	2,019.68	3,307.89	786.31	2,673.71	2,556.79	12.56	-2.21	0.497
60.00	-32.20	-27.13	0.00	-1,882.5	0.00	1,882.54	3,242.46	765.93	2,536.95	2,440.62	14.99	-2.43	0.478
65.00	-30.87	-26.81	0.00	-1,746.9	0.00	1,746.91	3,156.19	745.56	2,403.77	2,311.85	17.65	-2.64	0.462
70.00	-29.57	-26.49	0.00	-1,612.8	0.00	1,612.85	3,069.93	725.18	2,274.19	2,186.56	20.53	-2.85	0.445
75.00	-28.16	-26.11	0.00	-1,480.4	0.00	1,480.38	2,983.66	704.80	2,148.20	2,064.76	23.62	-3.06	0.426
75.10	-28.10	-25.97	0.00	-1,477.8	0.00	1,477.77	2,981.94	704.39	2,145.71	2,062.36	23.69	-3.06	0.425
80.00	-26.88	-25.73	0.00	-1,350.5	0.00	1,350.53	2,897.40	684.42	2,025.80	1,946.46	26.93	-3.26	0.405
81.62	-26.47	-25.57	0.00	-1,308.8	0.00	1,308.76	2,869.39	677.81	1,986.83	1,908.80	28.05	-3.33	0.398
85.00	-25.31	-25.37	0.00	-1,222.4	0.00	1,222.41	2,811.13	664.05	1,906.98	1,831.65	30.46	-3.46	0.378
86.37	-24.82	-25.21	0.00	-1,187.6	0.00	1,187.57	2,342.64	560.68	1,631.27	1,549.74	31.46	-3.52	0.409
90.00	-24.00	-24.95	0.00	-1,096.2	0.00	1,096.15	2,304.38	548.36	1,560.40	1,490.62	34.18	-3.65	0.387
94.00	-20.48	-22.14	0.00	-996.4	0.00	996.37	2,261.50	534.77	1,484.05	1,426.29	37.31	-3.81	0.361
95.00	-20.24	-21.95	0.00	-974.2	0.00	974.23	2,249.50	531.38	1,465.26	1,409.62	38.11	-3.85	0.356
100.00	-19.02	-21.35	0.00	-864.5	0.00	864.46	2,177.61	514.40	1,373.12	1,320.52	42.24	-4.04	0.330
105.00	-17.97	-21.01	0.00	-757.7	0.00	757.72	2,105.72	497.42	1,283.98	1,234.33	46.56	-4.21	0.302
105.13	-17.92	-20.87	0.00	-755.0	0.00	754.99	2,103.86	496.97	1,281.70	1,232.13	46.68	-4.22	0.302
105.13	-17.92	-20.87	0.00	-755.0	0.00	754.99	2,103.86	496.97	1,281.70	1,232.13	46.68	-4.22	0.623
110.00	-17.18	-20.56	0.00	-653.4	0.00	653.36	2,033.84	480.43	1,197.82	1,151.05	51.06	-4.38	0.578
115.00	-16.44	-20.28	0.00	-550.6	0.00	550.55	1,961.95	463.45	1,114.65	1,070.68	55.82	-4.7	0.524
120.00	-13.51	-18.27	0.00	-449.2	0.00	449.17	1,890.06	446.47	1,034.48	993.22	60.9	-5	0.461
122.50	-13.00	-16.96	0.00	-403.5	0.00	403.50	1,854.12	437.98	995.52	955.58	63.56	-5.15	0.431
125.00	-12.72	-16.87	0.00	-361.1	0.00	361.10	1,818.18	429.49	957.30	918.67	66.28	-5.28	0.402
125.12	-12.69	-16.77	0.00	-359.0	0.00	359.02	1,816.40	429.07	955.44	916.87	66.42	-5.29	0.400
128.87	-12.04	-16.59	0.00	-296.1	0.00	296.13	1,443.05	340.90	753.84	725.17	70.65	-5.47	0.419
130.00	-11.92	-16.50	0.00	-277.4	0.00	277.44	1,430.19	337.84	740.36	712.19	71.94	-5.53	0.400
132.00	-9.59	-14.26	0.00	-244.4	0.00	244.45	1,407.19	332.41	716.74	689.35	74.28	-5.63	0.363
135.00	-9.32	-14.02	0.00	-201.7	0.00	201.67	1,372.68	324.26	682.03	655.79	77.86	-5.77	0.316
140.00	-8.88	-13.81	0.00	-131.6	0.00	131.56	1,315.17	310.67	626.08	601.71	84	-5.96	0.227
141.50	-8.69	-13.59	0.00	-110.8	0.00	110.84	1,297.92	306.60	609.77	585.94	85.88	-6.01	0.198
143.00	-6.35	-11.29	0.00	-90.5	0.00	90.47	1,280.67	302.52	593.67	570.38	87.77	-6.05	0.165
143.50	-5.33	-8.88	0.00	-84.8	0.00	84.82	1,274.92	301.16	588.35	565.24	88.4	-6.06	0.155
145.00	-5.21	-8.82	0.00	-71.5	0.00	71.50	1,257.66	297.09	572.54	549.96	90.31	-6.09	0.135
145.30	-5.02	-8.43	0.00	-68.8	0.00	68.85	1,254.21	296.27	569.40	546.93	90.69	-6.1	0.131
148.00	0.00	-7.84	0.00	-46.1	0.00	46.10	1,223.16	288.93	541.56	520.03	94.14	-6.14	0.089

CALCULATED FORCES

Load Case: 1.2D + 1.0Di + 1.0Wi — 50 mph Wind with 1" Radial Ice — 24 Iterations

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

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (ft-kips)	Mu MZ (ft-kips)	Mu MX (ft-kips)	Resultant Moment (ft-kips)	Phi Pn (kips)	Phi Vn (kips)	Phi Tn (ft-kips)	Phi Mn (ft-kips)	Total Deflect (in)	Rotation (deg)	Ratio
0.00	-90.89	-7.74	0.00	-933.2	0.00	933.19	4,773.35	1,159.07	4,979.55	4,665.14	0	0	0.158
5.00	-88.45	-7.70	0.00	-894.5	0.00	894.48	4,702.37	1,135.30	4,777.40	4,500.65	0.03	-0.05	0.156
10.00	-86.01	-7.66	0.00	-856.0	0.00	855.96	4,630.26	1,111.53	4,579.44	4,337.97	0.11	-0.1	0.154
15.00	-83.51	-7.62	0.00	-817.6	0.00	817.64	4,557.02	1,087.75	4,385.67	4,177.17	0.24	-0.15	0.151
20.00	-81.04	-7.58	0.00	-779.5	0.00	779.53	4,482.66	1,063.98	4,196.09	4,018.33	0.42	-0.2	0.149
25.00	-78.58	-7.53	0.00	-741.6	0.00	741.64	4,403.54	1,040.21	4,010.70	3,858.33	0.66	-0.25	0.146
30.00	-76.15	-7.49	0.00	-704.0	0.00	703.97	4,302.90	1,016.43	3,829.49	3,683.11	0.95	-0.3	0.144
35.00	-73.75	-7.43	0.00	-666.5	0.00	666.54	4,202.25	992.66	3,652.48	3,511.96	1.3	-0.36	0.141
40.00	-71.37	-7.39	0.00	-629.4	0.00	629.38	4,101.61	968.88	3,479.65	3,344.88	1.7	-0.41	0.139
41.16	-70.82	-7.37	0.00	-620.8	0.00	620.78	4,078.20	963.35	3,440.04	3,306.59	1.8	-0.42	0.138
45.00	-68.28	-7.32	0.00	-592.5	0.00	592.52	4,000.97	945.11	3,311.01	3,181.88	2.16	-0.46	0.134
46.83	-67.07	-7.28	0.00	-579.1	0.00	579.13	3,410.91	819.61	2,904.91	2,749.16	2.34	-0.48	0.147
50.00	-65.68	-7.23	0.00	-556.0	0.00	556.04	3,371.30	806.69	2,814.06	2,673.99	2.67	-0.52	0.144
55.00	-63.52	-7.16	0.00	-519.9	0.00	519.88	3,307.89	786.31	2,673.71	2,556.79	3.24	-0.57	0.139
60.00	-61.39	-7.08	0.00	-484.1	0.00	484.08	3,242.46	765.93	2,536.95	2,440.62	3.87	-0.63	0.134
65.00	-59.28	-7.00	0.00	-448.7	0.00	448.66	3,156.19	745.56	2,403.77	2,311.85	4.56	-0.68	0.130
70.00	-57.19	-6.92	0.00	-413.6	0.00	413.64	3,069.93	725.18	2,274.19	2,186.56	5.3	-0.73	0.125
75.00	-54.87	-6.82	0.00	-379.0	0.00	379.05	2,983.66	704.80	2,148.20	2,064.76	6.1	-0.79	0.119
75.10	-54.83	-6.78	0.00	-378.4	0.00	378.36	2,981.94	704.39	2,145.71	2,062.36	6.11	-0.79	0.119
80.00	-52.86	-6.72	0.00	-345.1	0.00	345.12	2,897.40	684.42	2,025.80	1,946.46	6.95	-0.84	0.114
81.62	-52.22	-6.67	0.00	-334.2	0.00	334.22	2,869.39	677.81	1,986.83	1,908.80	7.24	-0.86	0.112
85.00	-50.43	-6.61	0.00	-311.7	0.00	311.69	2,811.13	664.05	1,906.98	1,831.65	7.86	-0.89	0.106
86.37	-49.71	-6.57	0.00	-302.6	0.00	302.60	2,342.64	560.68	1,631.27	1,549.74	8.12	-0.91	0.115
90.00	-48.37	-6.50	0.00	-278.8	0.00	278.78	2,304.38	548.36	1,560.40	1,490.62	8.82	-0.94	0.109
94.00	-41.71	-5.81	0.00	-252.8	0.00	252.79	2,261.50	534.77	1,484.05	1,426.29	9.62	-0.98	0.101
95.00	-41.35	-5.76	0.00	-247.0	0.00	246.98	2,249.50	531.38	1,465.26	1,409.62	9.83	-0.99	0.100
100.00	-39.28	-5.57	0.00	-218.2	0.00	218.16	2,177.61	514.40	1,373.12	1,320.52	10.89	-1.04	0.092
105.00	-37.43	-5.43	0.00	-190.3	0.00	190.31	2,105.72	497.42	1,283.98	1,234.33	12	-1.08	0.085
105.13	-37.38	-5.40	0.00	-189.6	0.00	189.60	2,103.86	496.97	1,281.70	1,232.13	12.03	-1.08	0.085
105.13	-37.38	-5.40	0.00	-189.6	0.00	189.60	2,103.86	496.97	1,281.70	1,232.13	12.03	-1.08	0.172
110.00	-36.09	-5.28	0.00	-163.3	0.00	163.33	2,033.84	480.43	1,197.82	1,151.05	13.16	-1.12	0.160
115.00	-34.85	-5.18	0.00	-136.9	0.00	136.92	1,961.95	463.45	1,114.65	1,070.68	14.38	-1.2	0.146
120.00	-29.58	-4.61	0.00	-111.0	0.00	111.04	1,890.06	446.47	1,034.48	993.22	15.68	-1.28	0.128
122.50	-28.10	-4.30	0.00	-99.5	0.00	99.52	1,854.12	437.98	995.52	955.58	16.36	-1.31	0.119
125.00	-27.60	-4.27	0.00	-88.8	0.00	88.77	1,818.18	429.49	957.30	918.67	17.05	-1.35	0.112
125.12	-27.58	-4.25	0.00	-88.2	0.00	88.24	1,816.40	429.07	955.44	916.87	17.09	-1.35	0.112
128.87	-26.54	-4.19	0.00	-72.3	0.00	72.32	1,443.05	340.90	753.84	725.17	18.17	-1.39	0.118
130.00	-26.35	-4.16	0.00	-67.6	0.00	67.60	1,430.19	337.84	740.36	712.19	18.5	-1.41	0.113
132.00	-22.03	-3.58	0.00	-59.3	0.00	59.27	1,407.19	332.41	716.74	689.35	19.09	-1.43	0.102
135.00	-21.54	-3.50	0.00	-48.6	0.00	48.55	1,372.68	324.26	682.03	655.79	20	-1.47	0.090
140.00	-20.73	-3.43	0.00	-31.0	0.00	31.02	1,315.17	310.67	626.08	601.71	21.57	-1.51	0.067
141.50	-20.29	-3.37	0.00	-25.9	0.00	25.87	1,297.92	306.60	609.77	585.94	22.04	-1.52	0.060
143.00	-15.80	-2.76	0.00	-20.8	0.00	20.82	1,280.67	302.52	593.67	570.38	22.52	-1.53	0.049
143.50	-12.75	-2.20	0.00	-19.4	0.00	19.44	1,274.92	301.16	588.35	565.24	22.68	-1.53	0.044
145.00	-12.53	-2.18	0.00	-16.2	0.00	16.15	1,257.66	297.09	572.54	549.96	23.17	-1.54	0.039
145.30	-12.04	-2.07	0.00	-15.5	0.00	15.50	1,254.21	296.27	569.40	546.93	23.26	-1.54	0.038
148.00	0.00	-1.75	0.00	-9.9	0.00	9.89	1,223.16	288.93	541.56	520.03	24.14	-1.55	0.019

CALCULATED FORCES

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

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

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (ft-kips)	Mu MZ (ft-kips)	Mu MX (ft-kips)	Resultant Moment (ft-kips)	Phi Pn (kips)	Phi Vn (kips)	Phi Tn (ft-kips)	Phi Mn (ft-kips)	Total Deflect (in)	Rotation (deg)	Ratio
0.00	-57.32	-6.75	0.00	-814.5	0.00	814.52	4,773.35	1,159.07	4,979.55	4,665.14	0	0	0.135
5.00	-55.57	-6.71	0.00	-780.8	0.00	780.75	4,702.37	1,135.30	4,777.40	4,500.65	0.02	-0.04	0.133
10.00	-53.85	-6.66	0.00	-747.2	0.00	747.21	4,630.26	1,111.53	4,579.44	4,337.97	0.09	-0.09	0.131
15.00	-52.12	-6.62	0.00	-713.9	0.00	713.89	4,557.02	1,087.75	4,385.67	4,177.17	0.21	-0.13	0.129
20.00	-50.42	-6.57	0.00	-680.8	0.00	680.81	4,482.66	1,063.98	4,196.09	4,018.33	0.37	-0.18	0.126
25.00	-48.74	-6.52	0.00	-648.0	0.00	647.97	4,403.54	1,040.21	4,010.70	3,858.33	0.58	-0.22	0.124
30.00	-47.09	-6.47	0.00	-615.4	0.00	615.35	4,302.90	1,016.43	3,829.49	3,683.11	0.83	-0.27	0.122
35.00	-45.46	-6.42	0.00	-583.0	0.00	582.98	4,202.25	992.66	3,652.48	3,511.96	1.13	-0.31	0.120
40.00	-43.85	-6.39	0.00	-550.9	0.00	550.87	4,101.61	968.88	3,479.65	3,344.88	1.49	-0.36	0.118
41.16	-43.48	-6.36	0.00	-543.4	0.00	543.44	4,078.20	963.35	3,440.04	3,306.59	1.57	-0.37	0.118
45.00	-41.64	-6.32	0.00	-519.0	0.00	519.04	4,000.97	945.11	3,311.01	3,181.88	1.89	-0.4	0.114
46.83	-40.78	-6.29	0.00	-507.5	0.00	507.47	3,410.91	819.61	2,904.91	2,749.16	2.04	-0.42	0.125
50.00	-39.86	-6.24	0.00	-487.5	0.00	487.54	3,371.30	806.69	2,814.06	2,673.99	2.33	-0.45	0.122
55.00	-38.43	-6.18	0.00	-456.3	0.00	456.33	3,307.89	786.31	2,673.71	2,556.79	2.83	-0.5	0.118
60.00	-37.02	-6.11	0.00	-425.4	0.00	425.44	3,242.46	765.93	2,536.95	2,440.62	3.38	-0.55	0.114
65.00	-35.63	-6.05	0.00	-394.9	0.00	394.88	3,156.19	745.56	2,403.77	2,311.85	3.98	-0.6	0.110
70.00	-34.26	-5.98	0.00	-364.6	0.00	364.65	3,069.93	725.18	2,274.19	2,186.56	4.63	-0.64	0.106
75.00	-32.72	-5.89	0.00	-334.8	0.00	334.77	2,983.66	704.80	2,148.20	2,064.76	5.33	-0.69	0.102
75.10	-32.69	-5.86	0.00	-334.2	0.00	334.18	2,981.94	704.39	2,145.71	2,062.36	5.34	-0.69	0.102
80.00	-31.39	-5.81	0.00	-305.5	0.00	305.47	2,897.40	684.42	2,025.80	1,946.46	6.08	-0.74	0.097
81.62	-30.97	-5.77	0.00	-296.0	0.00	296.04	2,869.39	677.81	1,986.83	1,908.80	6.33	-0.75	0.096
85.00	-29.71	-5.73	0.00	-276.5	0.00	276.54	2,811.13	664.05	1,906.98	1,831.65	6.87	-0.78	0.091
86.37	-29.20	-5.69	0.00	-268.7	0.00	268.67	2,342.64	560.68	1,631.27	1,549.74	7.1	-0.79	0.098
90.00	-28.34	-5.64	0.00	-248.0	0.00	248.03	2,304.38	548.36	1,560.40	1,490.62	7.72	-0.83	0.093
94.00	-24.27	-5.00	0.00	-225.5	0.00	225.48	2,261.50	534.77	1,484.05	1,426.29	8.42	-0.86	0.087
95.00	-24.04	-4.96	0.00	-220.5	0.00	220.48	2,249.50	531.38	1,465.26	1,409.62	8.6	-0.87	0.085
100.00	-22.71	-4.83	0.00	-195.7	0.00	195.67	2,177.61	514.40	1,373.12	1,320.52	9.54	-0.91	0.079
105.00	-21.55	-4.75	0.00	-171.5	0.00	171.54	2,105.72	497.42	1,283.98	1,234.33	10.51	-0.95	0.073
105.13	-21.52	-4.72	0.00	-170.9	0.00	170.92	2,103.86	496.97	1,281.70	1,232.13	10.54	-0.95	0.073
105.13	-21.52	-4.72	0.00	-170.9	0.00	170.92	2,103.86	496.97	1,281.70	1,232.13	10.54	-0.95	0.149
110.00	-20.76	-4.65	0.00	-147.9	0.00	147.94	2,033.84	480.43	1,197.82	1,151.05	11.53	-0.99	0.139
115.00	-20.03	-4.59	0.00	-124.7	0.00	124.67	1,961.95	463.45	1,114.65	1,070.68	12.61	-1.06	0.127
120.00	-16.67	-4.14	0.00	-101.7	0.00	101.72	1,890.06	446.47	1,034.48	993.22	13.76	-1.13	0.111
122.50	-16.03	-3.84	0.00	-91.4	0.00	91.37	1,854.12	437.98	995.52	955.58	14.36	-1.16	0.104
125.00	-15.72	-3.82	0.00	-81.8	0.00	81.76	1,818.18	429.49	957.30	918.67	14.97	-1.19	0.098
125.12	-15.71	-3.80	0.00	-81.3	0.00	81.29	1,816.40	429.07	955.44	916.87	15.01	-1.2	0.097
128.87	-15.01	-3.76	0.00	-67.0	0.00	67.03	1,443.05	340.90	753.84	725.17	15.96	-1.24	0.103
130.00	-14.89	-3.74	0.00	-62.8	0.00	62.79	1,430.19	337.84	740.36	712.19	16.26	-1.25	0.099
132.00	-12.11	-3.23	0.00	-55.3	0.00	55.31	1,407.19	332.41	716.74	689.35	16.78	-1.27	0.089
135.00	-11.82	-3.18	0.00	-45.6	0.00	45.61	1,372.68	324.26	682.03	655.79	17.59	-1.3	0.078
140.00	-11.34	-3.13	0.00	-29.7	0.00	29.70	1,315.17	310.67	626.08	601.71	18.99	-1.35	0.058
141.50	-11.11	-3.08	0.00	-25.0	0.00	25.00	1,297.92	306.60	609.77	585.94	19.41	-1.36	0.051
143.00	-8.29	-2.56	0.00	-20.4	0.00	20.38	1,280.67	302.52	593.67	570.38	19.84	-1.37	0.042
143.50	-6.89	-2.02	0.00	-19.1	0.00	19.10	1,274.92	301.16	588.35	565.24	19.98	-1.37	0.039
145.00	-6.76	-2.00	0.00	-16.1	0.00	16.07	1,257.66	297.09	572.54	549.96	20.41	-1.38	0.035
145.30	-6.50	-1.91	0.00	-15.5	0.00	15.47	1,254.21	296.27	569.40	546.93	20.5	-1.38	0.034
148.00	0.00	-1.75	0.00	-10.3	0.00	10.31	1,223.16	288.93	541.56	520.03	21.28	-1.39	0.020

EQUIVALENT LATERAL FORCES METHOD ANALYSIS

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

Spectral Response Acceleration for Short Period (S_S):	0.260
Spectral Response Acceleration at 1.0 Second Period (S_1):	0.058
Long-Period Transition Period (T_L – Seconds):	6
Importance Factor (I_e):	1.000
Site Coefficient F_a:	1.592
Site Coefficient F_v:	2.400
Response Modification Coefficient (R):	1.500
Design Spectral Response Acceleration at Short Period (S_{ds}):	0.276
Design Spectral Response Acceleration at 1.0 Second Period (S_{d1}):	0.093
Seismic Response Coefficient (C_s):	0.030
Upper Limit C_S:	0.030
Lower Limit C_S:	0.030
Period based on Rayleigh Method (sec):	2.800
Redundancy Factor (p):	1.000
Seismic Force Distribution Exponent (k):	2.000
Total Unfactored Dead Load:	57.330 k
Seismic Base Shear (E):	1.720 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)
45	146.65	237	5,088	0.010	16	297
44	145.15	27	559	0.001	2	33
43	144.25	133	2,774	0.005	9	167
42	143.25	46	944	0.002	3	58
41	142.25	139	2,809	0.005	9	174
40	140.75	140	2,773	0.005	9	176
39	137.5	475	8,985	0.017	29	596
38	133.5	291	5,194	0.010	17	366
37	131	204	3,505	0.006	11	256
36	129.4367	116	1,943	0.004	6	146
35	126.9983	698	11,261	0.021	36	876
34	125.0617	15	232	0.000	1	19
33	123.75	303	4,642	0.009	15	380
32	121.25	307	4,516	0.008	15	386
31	117.5	650	8,974	0.017	29	816
30	112.5	728	9,217	0.017	30	914
29	107.565	756	8,749	0.016	28	949
28	105.065	29	321	0.001	1	37
27	102.5	1,129	11,858	0.022	38	1,417
26	97.5	1,145	10,886	0.020	35	1,437
25	94.5	231	2,063	0.004	7	290
24	92	941	7,968	0.015	26	1,182
23	88.1867	863	6,709	0.012	22	1,083
22	85.6867	505	3,708	0.007	12	634
21	83.3117	1,253	8,699	0.016	28	1,573
20	80.8117	426	2,782	0.005	9	535
19	77.55	1,298	7,809	0.015	25	1,630
18	75.05	27	150	0.000	0	34
17	72.5	1,346	7,077	0.013	23	1,690
16	67.5	1,366	6,225	0.012	20	1,715
15	62.5	1,386	5,414	0.010	17	1,740
14	57.5	1,406	4,648	0.009	15	1,764
13	52.5	1,425	3,929	0.007	13	1,789
12	48.415	914	2,142	0.004	7	1,147
11	45.915	865	1,824	0.003	6	1,086
10	43.0817	1,832	3,401	0.006	11	2,300
9	40.5817	370	609	0.001	2	464
8	37.5	1,604	2,256	0.004	7	2,013

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)
7	32.5	1,627	1,719	0.003	6	2,042
6	27.5	1,650	1,248	0.002	4	2,071
5	22.5	1,673	847	0.002	3	2,100
4	17.5	1,696	519	0.001	2	2,129
3	12.5	1,719	269	0.000	1	2,158
2	7.5	1,721	97	0.000	0	2,160
1	2.5	1,744	11	0.000	0	2,189
Ericsson Radio 4449 B71 B85A	148	225	4,928	0.009	16	282
Ericsson RRUS 4415 B25	148	138	3,023	0.006	10	173
RFS APXVAARR24_43-U-NA20	148	384	8,405	0.016	27	482
Kaelus DBC0061F1V51-2	148	153	3,351	0.006	11	192
Powerwave Allgon LGP21401	148	85	1,853	0.004	6	106
Raycap DC6-48-60-18-8F (23.5" Height)	148	40	876	0.002	3	50
Ericsson RRUS 4478 B14	148	180	3,936	0.007	13	226
Ericsson RRUS 4449 B5, B12	148	213	4,666	0.009	15	267
Ericsson RRUS 32 (50.8 lbs)	148	152	3,338	0.006	11	191
Ericsson RRUS 32 B66	148	159	3,483	0.006	11	200
Ericsson RRUS 32 B2	148	159	3,483	0.006	11	200
Ericsson RRUS E2 B29	148	180	3,943	0.007	13	226
Ericsson AIR 6419 B77G	148	198	4,344	0.008	14	249
Ericsson Air 6449 B77D	148	245	5,362	0.010	17	307
Raycap DC9-48-60-24-8C-EV	148	16	350	0.001	1	20
Generic Mount Reinforcement	148	600	13,142	0.024	42	753
Generic Mount Reinforcement	143	200	4,090	0.008	13	251
Quintel QD6616-7	148	390	8,543	0.016	27	490
Kathrein Scala 80010965	148	293	6,413	0.012	21	368
Generic Flat Platform with Handrails	148	2,500	54,760	0.102	176	3,138
Generic Flat Platform with Handrails	143	2,500	51,122	0.095	164	3,138
Generic Flat Platform with Handrails	94	2,500	22,090	0.041	71	3,138
Samsung MT6413-77A	145.3	229	4,839	0.009	16	288
Commscope CBC78T-DS-43-2X	143.5	83	1,705	0.003	5	104
Samsung B2/B66A RRH ORAN (RF 4439d-25A)	143.5	299	6,153	0.012	20	375
Samsung RF4461d-13A	143.5	316	6,515	0.012	21	397
RFS DB-T1-6Z-8AB-0Z	143.5	88	1,812	0.003	6	110
Commscope JAHH-65B-R3B	143.5	242	4,992	0.009	16	304
Commscope JAHH-45B-R3B	143.5	335	6,903	0.013	22	421
Samsung Outdoor CBRS 20W RRH –Clip-on Antenna	141.5	18	352	0.001	1	22
Samsung RT4401-48A	141.5	74	1,490	0.003	5	93
Ericsson Air6449 B41	132	312	5,436	0.010	17	392
Ericsson AIR-32 B2A/B66Aa	132	397	6,910	0.013	22	498
Generic Flat Low Profile Platform	132	1,875	32,670	0.061	105	2,353
Generic Flat Low Profile Platform	120	1,875	27,000	0.050	87	2,353
RFS APXVSPP18-C-A20	122.5	171	2,566	0.005	8	215
Commscope DT465B-2XR	122.5	174	2,611	0.005	8	218
Alcatel-Lucent RRH2x50-08	120	159	2,285	0.004	7	199
Alcatel-Lucent 800 MHz 2X50W RRH w/ Filter	120	192	2,765	0.005	9	241
Alcatel-Lucent 4x40W RRH (91 lb)	120	273	3,931	0.007	13	343
Alcatel-Lucent TD-RRH8x20-25 w/ Solar Shield	120	210	3,024	0.006	10	264
Antel BCD-87010 ___ 4°	105	26	292	0.000	1	33
Generic Flat Side Arm	100	188	1,875	0.004	6	235
Commscope RDIDC-9181-PF-48	94	22	194	0.000	1	27
Fujitsu TA08025-B605	94	225	1,988	0.004	6	282
Fujitsu TA08025-B604	94	192	1,694	0.003	5	241
JMA Wireless MX08FRO665-21	94	194	1,710	0.003	5	243
PCTEL GPS-TMG-HR-26N	75.1	1	3	0.000	0	1
Generic Round Side Arm	75	188	1,055	0.002	3	235
	Totals:	**57,325**	**535,624**	**1.000**	**1,720**	**71,954**

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)
45	146.65	237	5,088	0.010	16	200
44	145.15	27	559	0.001	2	22
43	144.25	133	2,774	0.005	9	113
42	143.25	46	944	0.002	3	39
41	142.25	139	2,809	0.005	9	117
40	140.75	140	2,773	0.005	9	118
39	137.5	475	8,985	0.017	29	401
38	133.5	291	5,194	0.010	17	246
37	131	204	3,505	0.006	11	173
36	129.4367	116	1,943	0.004	6	98
35	126.9983	698	11,261	0.021	36	590
34	125.0617	15	232	0.000	1	13
33	123.75	303	4,642	0.009	15	256
32	121.25	307	4,516	0.008	15	260
31	117.5	650	8,974	0.017	29	549
30	112.5	728	9,217	0.017	30	615
29	107.565	756	8,749	0.016	28	639
28	105.065	29	321	0.001	1	25
27	102.5	1,129	11,858	0.022	38	953
26	97.5	1,145	10,886	0.020	35	967
25	94.5	231	2,063	0.004	7	195
24	92	941	7,968	0.015	26	795
23	88.1867	863	6,709	0.012	22	729
22	85.6867	505	3,708	0.007	12	427
21	83.3117	1,253	8,699	0.016	28	1,059
20	80.8117	426	2,782	0.005	9	360
19	77.55	1,298	7,809	0.015	25	1,097
18	75.05	27	150	0.000	0	23
17	72.5	1,346	7,077	0.013	23	1,137
16	67.5	1,366	6,225	0.012	20	1,154
15	62.5	1,386	5,414	0.010	17	1,171
14	57.5	1,406	4,648	0.009	15	1,188
13	52.5	1,425	3,929	0.007	13	1,204
12	48.415	914	2,142	0.004	7	772
11	45.915	865	1,824	0.003	6	731
10	43.0817	1,832	3,401	0.006	11	1,548
9	40.5817	370	609	0.001	2	313
8	37.5	1,604	2,256	0.004	7	1,355
7	32.5	1,627	1,719	0.003	6	1,375
6	27.5	1,650	1,248	0.002	4	1,394
5	22.5	1,673	847	0.002	3	1,414
4	17.5	1,696	519	0.001	2	1,433
3	12.5	1,719	269	0.000	1	1,453
2	7.5	1,721	97	0.000	0	1,454
1	2.5	1,744	11	0.000	0	1,473
Ericsson Radio 4449 B71 B85A	148	225	4,928	0.009	16	190
Ericsson RRUS 4415 B25	148	138	3,023	0.006	10	117
RFS APXVAARR24_43-U-NA20	148	384	8,405	0.016	27	324
Kaelus DBC0061F1V51-2	148	153	3,351	0.006	11	129
Powerwave Allgon LGP21401	148	85	1,853	0.004	6	71
Raycap DC6-48-60-18-8F (23.5" Height)	148	40	876	0.002	3	34
Ericsson RRUS 4478 B14	148	180	3,936	0.007	13	152
Ericsson RRUS 4449 B5, B12	148	213	4,666	0.009	15	180
Ericsson RRUS 32 (50.8 lbs)	148	152	3,338	0.006	11	129
Ericsson RRUS 32 B66	148	159	3,483	0.006	11	134
Ericsson RRUS 32 B2	148	159	3,483	0.006	11	134
Ericsson RRUS E2 B29	148	180	3,943	0.007	13	152
Ericsson AIR 6419 B77G	148	198	4,344	0.008	14	168
Ericsson Air 6449 B77D	148	245	5,362	0.010	17	207
Raycap DC9-48-60-24-8C-EV	148	16	350	0.001	1	14
Generic Mount Reinforcement	148	600	13,142	0.024	42	507

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)
Generic Mount Reinforcement	143	200	4,090	0.008	13	169
Quintel QD6616-7	148	390	8,543	0.016	27	329
Kathrein Scala 80010965	148	293	6,413	0.012	21	247
Generic Flat Platform with Handrails	148	2,500	54,760	0.102	176	2,112
Generic Flat Platform with Handrails	143	2,500	51,122	0.095	164	2,112
Generic Flat Platform with Handrails	94	2,500	22,090	0.041	71	2,112
Samsung MT6413-77A	145.3	229	4,839	0.009	16	194
Commscope CBC78T-DS-43-2X	143.5	83	1,705	0.003	5	70
Samsung B2/B66A RRH ORAN (RF 4439d-25A)	143.5	299	6,153	0.012	20	252
Samsung RF4461d-13A	143.5	316	6,515	0.012	21	267
RFS DB-T1-6Z-8AB-0Z	143.5	88	1,812	0.003	6	74
Commscope JAHH-65B-R3B	143.5	242	4,992	0.009	16	205
Commscope JAHH-45B-R3B	143.5	335	6,903	0.013	22	283
Samsung Outdoor CBRS 20W RRH –Clip-on Antenna	141.5	18	352	0.001	1	15
Samsung RT4401-48A	141.5	74	1,490	0.003	5	63
Ericsson Air6449 B41	132	312	5,436	0.010	17	264
Ericsson AIR-32 B2A/B66Aa	132	397	6,910	0.013	22	335
Generic Flat Low Profile Platform	132	1,875	32,670	0.061	105	1,584
Generic Flat Low Profile Platform	120	1,875	27,000	0.050	87	1,584
RFS APXVSPP18-C-A20	122.5	171	2,566	0.005	8	144
Commscope DT465B-2XR	122.5	174	2,611	0.005	8	147
Alcatel-Lucent RRH2x50-08	120	159	2,285	0.004	7	134
Alcatel-Lucent 800 MHz 2X50W RRH w/ Filter	120	192	2,765	0.005	9	162
Alcatel-Lucent 4x40W RRH (91 lb)	120	273	3,931	0.007	13	231
Alcatel-Lucent TD-RRH8x20-25 w/ Solar Shield	120	210	3,024	0.006	10	177
Antel BCD-87010 ___ 4°	105	26	292	0.000	1	22
Generic Flat Side Arm	100	188	1,875	0.004	6	158
Commscope RDIDC-9181-PF-48	94	22	194	0.000	1	19
Fujitsu TA08025-B605	94	225	1,988	0.004	6	190
Fujitsu TA08025-B604	94	192	1,694	0.003	5	162
JMA Wireless MX08FRO665-21	94	194	1,710	0.003	5	163
PCTEL GPS-TMG-HR-26N	75.1	1	3	0.000	0	1
Generic Round Side Arm	75	188	1,055	0.002	3	158
	Totals:	**57,325**	**535,624**	**1.000**	**1,720**	**48,429**

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	-69.76	-1.73	0.00	-225.11	0.00	225.11	4,773.35	1,159.07	4,980	4,665.14	0.00	0.00	0.05
5.00	-67.60	-1.74	0.00	-216.48	0.00	216.48	4,702.37	1,135.30	4,777	4,500.65	0.01	-0.01	0.05
10.00	-65.45	-1.75	0.00	-207.77	0.00	207.77	4,630.26	1,111.53	4,579	4,337.97	0.03	-0.02	0.05
15.00	-63.32	-1.76	0.00	-199.01	0.00	199.01	4,557.02	1,087.75	4,386	4,177.17	0.06	-0.04	0.04
20.00	-61.22	-1.77	0.00	-190.19	0.00	190.19	4,482.66	1,063.98	4,196	4,018.33	0.10	-0.05	0.04
25.00	-59.14	-1.78	0.00	-181.33	0.00	181.33	4,403.54	1,040.21	4,011	3,858.33	0.16	-0.06	0.04
30.00	-57.10	-1.78	0.00	-172.43	0.00	172.43	4,302.90	1,016.43	3,829	3,683.11	0.23	-0.07	0.04
35.00	-55.09	-1.79	0.00	-163.51	0.00	163.51	4,202.25	992.66	3,652	3,511.96	0.32	-0.09	0.04
40.00	-54.62	-1.79	0.00	-154.57	0.00	154.57	4,101.61	968.88	3,480	3,344.88	0.41	-0.10	0.04
41.16	-52.32	-1.78	0.00	-152.49	0.00	152.49	4,078.20	963.35	3,440	3,306.59	0.44	-0.10	0.04
45.00	-51.24	-1.78	0.00	-145.65	0.00	145.65	4,000.97	945.11	3,311	3,181.88	0.53	-0.11	0.04
46.83	-50.09	-1.78	0.00	-142.39	0.00	142.39	3,410.91	819.61	2,905	2,749.16	0.57	-0.12	0.04
50.00	-48.30	-1.77	0.00	-136.75	0.00	136.75	3,371.30	806.69	2,814	2,673.99	0.65	-0.13	0.04
55.00	-46.54	-1.76	0.00	-127.90	0.00	127.90	3,307.89	786.31	2,674	2,556.79	0.79	-0.14	0.04
60.00	-44.80	-1.75	0.00	-119.09	0.00	119.09	3,242.46	765.93	2,537	2,440.62	0.94	-0.15	0.04
65.00	-43.08	-1.74	0.00	-110.33	0.00	110.33	3,156.19	745.56	2,404	2,311.85	1.11	-0.17	0.04
70.00	-41.39	-1.72	0.00	-101.65	0.00	101.65	3,069.93	725.18	2,274	2,186.56	1.29	-0.18	0.04
75.00	-41.12	-1.72	0.00	-93.05	0.00	93.05	2,983.66	704.80	2,148	2,064.76	1.49	-0.19	0.04
75.10	-39.49	-1.69	0.00	-92.88	0.00	92.88	2,981.94	704.39	2,146	2,062.36	1.49	-0.19	0.04
80.00	-38.95	-1.69	0.00	-84.59	0.00	84.59	2,897.40	684.42	2,026	1,946.46	1.70	-0.21	0.03

CALCULATED FORCES

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (ft-kips)	Mu MZ (fr-kips)	Mu Mx (ft-kips)	Resultant Moment (ft-kips)	Phi Pn (kips)	Phi Vn (kips)	Phi Tn (kips)	Phi Mn (kips)	Total Deflect (in)	Rotation (deg)	Ratio
81.62	-37.38	-1.66	0.00	-81.85	0.00	81.85	2,869.39	677.81	1,987	1,908.80	1.77	-0.21	0.03
85.00	-36.75	-1.65	0.00	-76.25	0.00	76.25	2,811.13	664.05	1,907	1,831.65	1.92	-0.22	0.03
86.37	-35.66	-1.63	0.00	-73.99	0.00	73.99	2,342.64	560.68	1,631	1,549.74	1.98	-0.22	0.03
90.00	-34.48	-1.60	0.00	-68.10	0.00	68.10	2,304.38	548.36	1,560	1,490.62	2.15	-0.23	0.03
94.00	-30.26	-1.49	0.00	-61.70	0.00	61.70	2,261.50	534.77	1,484	1,426.29	2.35	-0.24	0.03
95.00	-28.82	-1.45	0.00	-60.21	0.00	60.21	2,249.50	531.38	1,465	1,409.62	2.40	-0.24	0.03
100.00	-27.17	-1.41	0.00	-52.94	0.00	52.94	2,177.61	514.40	1,373	1,320.52	2.66	-0.25	0.03
105.00	-27.10	-1.41	0.00	-45.90	0.00	45.90	2,105.72	497.42	1,284	1,234.33	2.93	-0.26	0.03
105.13	-26.15	-1.38	0.00	-45.72	0.00	45.72	2,103.86	496.97	1,282	1,232.13	2.94	-0.26	0.03
105.13	-26.15	-1.38	0.00	-45.72	0.00	45.72	2,103.86	496.97	1,282	1,232.13	2.94	-0.26	0.05
110.00	-25.24	-1.35	0.00	-39.01	0.00	39.01	2,033.84	480.43	1,198	1,151.05	3.22	-0.27	0.05
115.00	-24.42	-1.33	0.00	-32.26	0.00	32.26	1,961.95	463.45	1,115	1,070.68	3.51	-0.29	0.04
120.00	-20.64	-1.17	0.00	-25.63	0.00	25.63	1,890.06	446.47	1,034	993.22	3.83	-0.31	0.04
122.50	-19.82	-1.14	0.00	-22.71	0.00	22.71	1,854.12	437.98	996	955.58	4.00	-0.32	0.03
125.00	-19.81	-1.14	0.00	-19.87	0.00	19.87	1,818.18	429.49	957	918.67	4.17	-0.33	0.03
125.12	-18.93	-1.10	0.00	-19.73	0.00	19.73	1,816.40	429.07	955	916.87	4.17	-0.33	0.03
128.87	-18.78	-1.09	0.00	-15.61	0.00	15.61	1,443.05	340.90	754	725.17	4.43	-0.34	0.04
130.00	-18.53	-1.08	0.00	-14.38	0.00	14.38	1,430.19	337.84	740	712.19	4.51	-0.34	0.03
132.00	-14.92	-0.90	0.00	-12.22	0.00	12.22	1,407.19	332.41	717	689.35	4.66	-0.35	0.03
135.00	-14.32	-0.87	0.00	-9.52	0.00	9.52	1,372.68	324.26	682	655.79	4.88	-0.35	0.03
140.00	-14.15	-0.86	0.00	-5.17	0.00	5.17	1,315.17	310.67	626	601.71	5.25	-0.36	0.02
141.50	-13.86	-0.84	0.00	-3.88	0.00	3.88	1,297.92	306.60	610	585.94	5.36	-0.36	0.02
143.00	-10.41	-0.64	0.00	-2.61	0.00	2.61	1,280.67	302.52	594	570.38	5.48	-0.36	0.01
143.50	-8.53	-0.53	0.00	-2.29	0.00	2.29	1,274.92	301.16	588	565.24	5.52	-0.36	0.01
145.00	-8.50	-0.53	0.00	-1.49	0.00	1.49	1,257.66	297.09	573	549.96	5.63	-0.36	0.01
145.30	-7.92	-0.49	0.00	-1.33	0.00	1.33	1,254.21	296.27	569	546.93	5.65	-0.36	0.01
148.00	0.00	-0.44	0.00	0.00	0.00	0.00	1,223.16	288.93	542	520.03	5.86	-0.37	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	-46.96	-1.72	0.00	-219.93	0.00	219.93	4,773.35	1,159.07	4,980	4,665.14	0.00	0.00	0.04
5.00	-45.50	-1.73	0.00	-211.32	0.00	211.32	4,702.37	1,135.30	4,777	4,500.65	0.01	-0.01	0.04
10.00	-44.05	-1.74	0.00	-202.66	0.00	202.66	4,630.26	1,111.53	4,579	4,337.97	0.02	-0.02	0.04
15.00	-42.61	-1.75	0.00	-193.96	0.00	193.96	4,557.02	1,087.75	4,386	4,177.17	0.06	-0.04	0.04
20.00	-41.20	-1.75	0.00	-185.22	0.00	185.22	4,482.66	1,063.98	4,196	4,018.33	0.10	-0.05	0.04
25.00	-39.81	-1.75	0.00	-176.47	0.00	176.47	4,403.54	1,040.21	4,011	3,858.33	0.16	-0.06	0.04
30.00	-38.43	-1.76	0.00	-167.69	0.00	167.69	4,302.90	1,016.43	3,829	3,683.11	0.23	-0.07	0.04
35.00	-37.08	-1.76	0.00	-158.91	0.00	158.91	4,202.25	992.66	3,652	3,511.96	0.31	-0.08	0.04
40.00	-36.76	-1.76	0.00	-150.14	0.00	150.14	4,101.61	968.88	3,480	3,344.88	0.40	-0.10	0.04
41.16	-35.22	-1.75	0.00	-148.09	0.00	148.09	4,078.20	963.35	3,440	3,306.59	0.43	-0.10	0.04
45.00	-34.48	-1.75	0.00	-141.39	0.00	141.39	4,000.97	945.11	3,311	3,181.88	0.51	-0.11	0.04
46.83	-33.71	-1.74	0.00	-138.19	0.00	138.19	3,410.91	819.61	2,905	2,749.16	0.56	-0.11	0.04
50.00	-32.51	-1.73	0.00	-132.68	0.00	132.68	3,371.30	806.69	2,814	2,673.99	0.63	-0.12	0.04
55.00	-31.32	-1.72	0.00	-124.02	0.00	124.02	3,307.89	786.31	2,674	2,556.79	0.77	-0.14	0.04
60.00	-30.15	-1.71	0.00	-115.42	0.00	115.42	3,242.46	765.93	2,537	2,440.62	0.92	-0.15	0.04
65.00	-28.99	-1.69	0.00	-106.88	0.00	106.88	3,156.19	745.56	2,404	2,311.85	1.08	-0.16	0.03
70.00	-27.86	-1.67	0.00	-98.42	0.00	98.42	3,069.93	725.18	2,274	2,186.56	1.26	-0.17	0.03
75.00	-27.67	-1.67	0.00	-90.07	0.00	90.07	2,983.66	704.80	2,148	2,064.76	1.45	-0.19	0.03
75.10	-26.58	-1.64	0.00	-89.90	0.00	89.90	2,981.94	704.39	2,146	2,062.36	1.45	-0.19	0.03
80.00	-26.22	-1.64	0.00	-81.85	0.00	81.85	2,897.40	684.42	2,026	1,946.46	1.65	-0.20	0.03
81.62	-25.16	-1.61	0.00	-79.19	0.00	79.19	2,869.39	677.81	1,987	1,908.80	1.72	-0.20	0.03
85.00	-24.73	-1.60	0.00	-73.76	0.00	73.76	2,811.13	664.05	1,907	1,831.65	1.87	-0.21	0.03
86.37	-24.00	-1.58	0.00	-71.56	0.00	71.56	2,342.64	560.68	1,631	1,549.74	1.93	-0.22	0.03
90.00	-23.21	-1.55	0.00	-65.85	0.00	65.85	2,304.38	548.36	1,560	1,490.62	2.10	-0.22	0.03
94.00	-20.37	-1.45	0.00	-59.64	0.00	59.64	2,261.50	534.77	1,484	1,426.29	2.29	-0.23	0.03
95.00	-19.40	-1.41	0.00	-58.20	0.00	58.20	2,249.50	531.38	1,465	1,409.62	2.34	-0.24	0.03
100.00	-18.29	-1.36	0.00	-51.15	0.00	51.15	2,177.61	514.40	1,373	1,320.52	2.59	-0.25	0.02

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
105.00	-18.24	-1.36	0.00	-44.33	0.00	44.33	2,105.72	497.42	1,284	1,234.33	2.85	-0.26	0.02
105.13	-17.60	-1.33	0.00	-44.15	0.00	44.15	2,103.86	496.97	1,282	1,232.13	2.86	-0.26	0.02
105.13	-17.60	-1.33	0.00	-44.15	0.00	44.15	2,103.86	496.97	1,282	1,232.13	2.86	-0.26	0.04
110.00	-16.99	-1.31	0.00	-37.65	0.00	37.65	2,033.84	480.43	1,198	1,151.05	3.13	-0.27	0.04
115.00	-16.44	-1.28	0.00	-31.12	0.00	31.12	1,961.95	463.45	1,115	1,070.68	3.42	-0.28	0.04
120.00	-13.89	-1.13	0.00	-24.73	0.00	24.73	1,890.06	446.47	1,034	993.22	3.72	-0.30	0.03
122.50	-13.34	-1.10	0.00	-21.90	0.00	21.90	1,854.12	437.98	996	955.58	3.88	-0.31	0.03
125.00	-13.33	-1.10	0.00	-19.16	0.00	19.16	1,818.18	429.49	957	918.67	4.05	-0.32	0.03
125.12	-12.74	-1.06	0.00	-19.02	0.00	19.02	1,816.40	429.07	955	916.87	4.05	-0.32	0.03
128.87	-12.64	-1.05	0.00	-15.05	0.00	15.05	1,443.05	340.90	754	725.17	4.31	-0.33	0.03
130.00	-12.47	-1.04	0.00	-13.86	0.00	13.86	1,430.19	337.84	740	712.19	4.39	-0.33	0.03
132.00	-10.04	-0.87	0.00	-11.78	0.00	11.78	1,407.19	332.41	717	689.35	4.52	-0.33	0.02
135.00	-9.64	-0.84	0.00	-9.17	0.00	9.17	1,372.68	324.26	682	655.79	4.74	-0.34	0.02
140.00	-9.52	-0.83	0.00	-4.98	0.00	4.98	1,315.17	310.67	626	601.71	5.10	-0.35	0.02
141.50	-9.33	-0.81	0.00	-3.74	0.00	3.74	1,297.92	306.60	610	585.94	5.21	-0.35	0.01
143.00	-7.01	-0.62	0.00	-2.52	0.00	2.52	1,280.67	302.52	594	570.38	5.32	-0.35	0.01
143.50	-5.74	-0.51	0.00	-2.21	0.00	2.21	1,274.92	301.16	588	565.24	5.36	-0.35	0.01
145.00	-5.72	-0.51	0.00	-1.44	0.00	1.44	1,257.66	297.09	573	549.96	5.47	-0.35	0.01
145.30	-5.33	-0.48	0.00	-1.29	0.00	1.29	1,254.21	296.27	569	546.93	5.49	-0.35	0.01
148.00	0.00	-0.44	0.00	0.00	0.00	0.00	1,223.16	288.93	542	520.03	5.69	-0.35	0.00

ANALYSIS SUMMARY

Load Case	Base Reactions Shear FX (kips)	Shear FZ (kips)	Axial FY (kips)	Moment MX (ft-kips)	Moment MY (ft-kips)	Moment MZ (ft-kips)	Max Usage Elev (ft)	Interaction Ratio
1.2D + 1.0W	30.22	0.00	68.74	0.00	0.00	3678.32	105.13	0.64
0.9D + 1.0W	30.18	0.00	51.54	0.00	0.00	3615.58	105.13	0.62
1.2D + 1.0Di + 1.0Wi	7.74	0.00	90.89	0.00	0.00	933.19	105.13	0.17
1.2D + 1.0Ev + 1.0Eh	1.79	0.00	69.76	0.00	0.00	225.11	105.13	0.05
0.9D - 1.0Ev + 1.0Eh	1.76	0.00	46.96	0.00	0.00	219.93	105.13	0.04
1.0D + 1.0W	6.75	0.00	57.32	0.00	0.00	814.52	105.13	0.15

ADDITIONAL STEEL SUMMARY

Elev From (ft)	Elev To (ft)	Member	Intermediate Connectors VQ/I (k/in)	Shear Applied (kips)	phiVn (kips)	Ratio	Max Member Pu (kip)	phiPn (kip)	Ratio
0.00	105.13	SOL #20 All Thread Bar	319.3	9.6	16.8	0.5698	230.2	330.5	

Elev From (ft)	Elev To (ft)	Member	Upper Termination Connectors MQ/I (kips)	phiVn (kips)	Number Required	Number Actual	Ratio	Lower Termination Connectors MQ/I (kips)	phiVn (kip)	Number Required	Number Actual	Ratio
0.00	105.13	SOL #20 All Thread Bar	134.5257	12	12	24	0.4671	0	12	0	0	0.0000

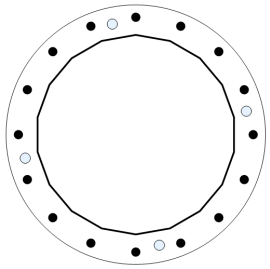
BASE PLATE ANALYSIS @ 0 FT

APPLIED REACTIONS

Moment (k-ft)	Axial (k)	Shear (k)
3678.32	68.74	30.22

PLATE PARAMETERS (ID# 22891)

Width:	63	in
Shape:	Round	
Thickness:	2	in
Grade:	A871-60	
Yield Strength:	60	ksi
Tensile Strength:	75	ksi
Rod Detail Type:	c	
Clear Distance	-	in
Base Weld Size:	0.125	in
Orientation Offset:	-	°
Analysis Type:	Elastic	
Neutral Axis:	227	°



ANCHOR ROD PARAMETERS

Class	Arrangement	Quantity	Diameter (in)	Circle (in)	Grade	F_y (ksi)	F_u (ksi)	Spacing (in)	Offset (°)
Original [ID#23493]	Radial	16	2.25	57	A615-75	75	100	-	-

DYWIDAG BAR PARAMETERS

Quantity	Bar Size	Bar Diameter (in)	F_y (ksi)	F_u (ksi)	Bracket Type	Bracket Offset (in)	Circle (in)	Offset (°)
4 [ID# 1963]	#20	2.5	80	100	Angle	2.19	54.88	12

COMPONENT PROPERTIES

Component	ID	Gross Area (in^2)	Net Area (in^2)	Individual Inertia (in^4)	Moment of Inertia (in^4)	Threads/in
Pole	48"ø x 0.4375" (18 Sides)	65.0407	-	-	18395.99	-
Bolt Group	Original (16) 2.25"ø	3.9761	3.2477	0.8393	19217.93	4.5
Dywidag Group	(4) #20	4.9087	4.9087	1.9175	7399.77	-

REACTION DISTRIBUTION

Component	ID	Moment M_u (k-ft)	Axial Load P_u (k)	Shear V_u (k)	Moment Factor
Pole	48"ø x 0.4375" (18 Sides)	2623.2	68.74	30.22	0.713
Bolt Group	Original (16) 2.25"ø	2623.2	-	30.22	0.713
Dywidag Group	(4) #20	1055.2	-	-	0.287

BASE PLATE BEND LINE ANALYSIS @ 0 FT

POLE PROPERTIES

Flat-to-Flat Diameter:	48.12	in	Flat Width:	8.486	in	Neutral Axis:	227	°
Point-to-Point Diameter:	48.87	in	Flat Radians:	0.349	rad	Bend Line Limits:	4.902 to 6.093	rad
Orientation Offset:	10	°						

PLATE PROPERTIES

Bend Line	Chord Length (in)	Additional Length (in)	Section Modulus (in^3)	Applied Moment M_u (k-in)	Moment Capacity ΦM_n (k-in)	Flexure Result $M_u/\Phi M_n$	
Flats	36.482	0.00	36.482	744.4	1970.0	37.8%	✓
Corners	35.481	0.00	35.481	588.2	1916.0	30.7%	✓
Circumferential	46.484	0.00	46.484	1158.8	2510.1	46.2%	✓

ELASTIC 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)	Compressive Result	Interaction Result	
Original	16	2.25	147.6	0.1	243.6	0.606	60.7%	✓

DYWIDAG BAR ANALYSIS

Group Quantity	Bar Size	Bar Circle (in)	Applied Axial Load P_u (k)	Compressive Capacity ΦP_n (k)	Compressive Result $P_u / \Phi P_n$	
4	#20	54.88	193.7	368.2	52.6%	✓

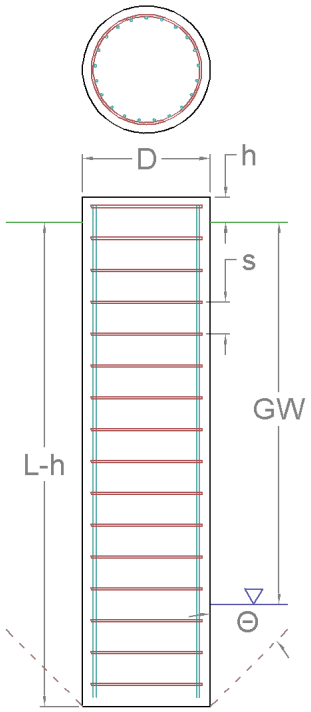
PIER FOUNDATION ANALYSIS

GLOBAL REACTIONS

Moment (k-ft)	Axial (k)	Shear (k)
3,678.32	68.74	30.22

FOUNDATION PARAMETERS

Pier Diameter:	D	6.50	ft
Pier Embedment Depth:	L-h	24.0	ft
Pier Height above Grade:	h	1.00	ft
Concrete Compressive Strength:		4,000	psi
Vertical Rebar:		(21) #11 bars [60 ksi]	
Tie Rebar:	s	#5 bars @ 12.0" c/c [60 ksi]	
Rebar Clear Cover:		4.00	in



SOIL PARAMETERS

Water Table Depth [BGL]: GW 22 ft

Layer Depth (ft) Top	Layer Depth (ft) Bottom	Unit Weight pcf	Cohesion psf	Friction Angle °	Ultimate Skin Friction psf	Ultimate Net Bearing psf
0	3	105	0	0	0	0
3	5	110	0	30	0	0
5	11	105	0	28	213	0
11	16	119	0	32	1,405	0
16	22	127	0	37	1,857	0
22	27	134	4,587	0	2,159	21,860

SOIL STRENGTH ANALYSIS

Volume of Concrete (ft^3)	Buoyant Weight of Concrete (k)	Skin Friction Resistance (k)	Inflection Point [BGL] (ft)
829.58	120.30	485.25	18.60

SOIL MOMENT ANALYSIS

Total Lateral Resistance (k)	Moment at Inflection Point, M_u (k-ft)	Additional Resistance (k-ft)	Nominal Moment Capacity, ΦM_n (k-ft)	Soil Moment Usage, $M_u / \Phi M_n$	
2,034.59	4,270.61	0.00	6,468.10	**66.0%**	✓

SOIL COMPRESSION ANALYSIS

Compressive Bearing Resistance (k)	Compressive Force, P_u (k)	Additional Resistance (k)	Nominal Compressive Capacity, ΦP_n (k)	Soil Compressive Usage, $P_u / \Phi P_n$	
725.38	100.99	0.00	907.97	**11.1%**	✓

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
67.34	29,000	0.9	0.75	0.65

PIER REINFORCING MOMENT ANALYSIS

Design Moment, M_u (k-ft)	Nominal Moment Capacity, $\Phi_b M_n$ (k-ft)	Bending Reinforcement Ratio	Pier Rebar Flexure Usage, $M_u/\Phi_b M_n$
3,714.80	4,397.82	0.01	**84.5%**

PIER REINFORCING COMPRESSION ANALYSIS

Buoyant Weight of Concrete (k)	Design Compression, P_u (k)	Nominal Compressive Capacity, $\Phi_p P_n$ (k)	Pier Rebar Compressive Usage, $P_u / \Phi_p P_n$
120.30	100.99	9,412.34	**1.1%**

PIER REINFORCING SHEAR ANALYSIS

Design Shear, V_u (k)	Nominal Shear Capacity, $\Phi_v V_n$ (k)	Pier Rebar Shear Usage, $V_u / \Phi_v V_n$
409.94	601.66	**68.1%**

EXHIBIT 4

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

Post-Modification Antenna Mount Analysis Report and PMI Requirements

Mount Fix

SMART Tool Project #: 10212446
Colliers Engineering & Design Project #: 21777939 (Rev 2)

October 31, 2023

Site Information	*Site ID:*	*5000385094-VZW / N STAMFORD CT*
	Site Name:	*N STAMFORD CT*
	Carrier Name:	*Verizon Wireless*
	Address:	*1590 Newfield Ave.* *Stamford, Connecticut 06905* *Fairfield County*
	Latitude:	*41.112750°*
	Longitude:	*-73.538353°*
Structure Information	*Tower Type:*	*170-Ft Monopole*
	Mount Type:	*12.00-Ft Platform*

FUZE ID # 16045709

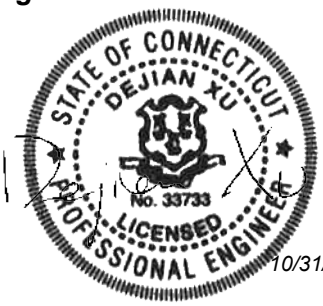
Analysis Results

Platform: **82.8% Pass w/ Modifications***

***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: David Anuka



10/31/2023

Executive Summary:

The objective of this report is to summarize the analysis results of the antenna support mount including the proposed modifications at the subject facility for the final wireless telecommunications configuration, per the applicable codes and standards.

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: 323240, dated September 21, 2023*
Mount Mapping Report	*Structural Components, Site ID #: 16045709, dated October 19, 2021*
Previous Mount Analysis	*Colliers Engineering & Design, Project #: 21777939 (Rev 1), dated October 13, 2023*
Mount Modification Drawings	*Colliers Engineering & Design, Project #: 21777939 (Rev 1), dated September 19, 2023*

Analysis Criteria:

Codes and Standards:	ANSI/TIA-222-H 2022 Connecticut State Building Code (CSBC), Effective October 1, 2022	
Wind Parameters:	Basic Wind Speed (Ultimate 3-sec. Gust), V_{ULT}:	120 mph
	Ice Wind Speed (3-sec. Gust):	50 mph
	Design Ice Thickness:	1.00 in
	Risk Category:	II
	Exposure Category:	B
	Topographic Category:	1
	Topographic Feature Considered:	N/A
	Topographic Method:	N/A
	Ground Elevation Factor, K_e:	0.992
Seismic Parameters:	S_S:	0.261 g
	S_1:	0.058 g
Maintenance Parameters:	Wind Speed (3-sec. Gust):	30 mph
	Maintenance Load, Lv:	250 lbs.
	Maintenance Load, Lm:	500 lbs.
Analysis Software:	RISA-3D (V17)	

Final Loading Configuration:

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

Mount Elevation (ft)	Equipment Elevation (ft)	Quantity	Manufacturer	Model	Status
142.75	145.30	4	Samsung	MT6413-77A	Added
	143.50	2	Raycap	RRFDC-3315-PF-48*	Retained
		4	CommScope	JAHH-45B-R3B	Added
		4	CommScope	JAHH-65B-R3B	
		4	CommScope	CBC78T-DS-43-2X	
		4	Samsung	RF4439d-25A	
		4	Samsung	RF4461d-13A	
	141.50	4	Samsung	XXDWMM-12.5-65-8T-CBRS	

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

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

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

Standard Conditions:

1. All engineering services are performed on the basis that the information provided to Colliers Engineering & Design and used in this analysis is current and correct. The existing equipment loading has been applied at locations determined from the supplied documentation. Any deviation from the loading locations specified in this report shall be communicated to Colliers Engineering & Design to verify deviation will not adversely impact the analysis.

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

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

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

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

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

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

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

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

8. Any mount modifications listed under Sources of Information are assumed to have been installed per the design specifications.

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

Analysis Results:

Component	Utilization %	Pass/Fail
Mount Pipe	62.0 %	Pass
Cross Brace	82.8 %	Pass
Corner Plate	13.0 %	Pass
Ladder	25.2 %	Pass
Ladder Rung	11.4 %	Pass
Standoff Horizontal	62.3 %	Pass
Face Horizontal	74.6 %	Pass
Mod Standoff Pipe	54.5 %	Pass
Mod Support Rail	39.2 %	Pass
Mod Support Rail Corner	39.4 %	Pass
Connection Check	27.6 %	Pass

Structure Rating – *(Controlling Utilization of all Components)*	**82.8%**

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

Ice Thickness (In)	Mount Pipes Excluded		Mount Pipes Included	
	Front (EPA)a (Sq. Ft.)	Side (EPA)a (Sq. Ft.)	Front (EPA)a (Sq. Ft.)	Side (EPA)a (Sq. Ft.)
0	39.1	38.8	55.7	55.4
0.5	49.7	50.3	73.9	73.3
1	59.8	60.9	91.5	90.4

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 mounts will be **SUFFICIENT** for the final loading configuration (Attachment 2) after the modifications detailed in Attachment 3 are successfully completed.

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

Attachments:

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

Mount Desktop – Post Modification Inspection (PMI) Report Requirements

Documents & Photos Required from Contractor – Mount Modification

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 #: 5000385094 SMART Project #: 10212446 Fuze Project ID: 16045709

Purpose – to upload the proper documentation to the SMART Tool in order to allow the SMART Tool engineering vendor 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 modification was completed in accordance with the modification drawings.
- Contractor shall relay any data that can impact the performance of the mount or the mount modification, this includes safety issues.

Base Requirements:

- If installation of the modification 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 drawings" showing contractor's name, 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 post-modification passing mount analysis (MA) contact the SMART Tool vendor immediately.
- Each photo shall be time and date stamped.
- Photos should be high resolution.
- Contractor shall ensure that the safety climb wire rope is 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 of the modifications.
  - Photos of the mount after installation of the modifications; if the mounts are at different rad elevations, pictures must be provided for all elevations that the modifications were installed

- *Photos taken at Mount Elevation*
  - Photos showing the safety climb wire rope above and below the mount prior to modification.
  - Photos showing the climbing facility and safety climb if present.

- Photos showing each individual sector after installation of modifications. Each entire sector must 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.
- Photos of each installed modification per the modification drawings; pictures shall also include connection hardware (U-bolts, bolts, nuts, all-threaded rods, etc.)
- Photos showing the distances (relative distance between collars) of the installed modifications from the appropriate reference locations shown in the modification drawings.
- Photos showing the installed modifications onto the tower (i.e. ring/collar mounts, tie-backs, V-bracing kits, etc.); if the existing mount elevation needs to be changed according to the modification drawings, an elevation measurement shall be provided before the elevation change.

Material Certification:

- Materials utilized must be as per specification on the drawings or the equivalent as validated by the SMART Tool vendor.
  - If the materials are as specified on the drawings
    - The contractor shall provide the packing list, or the materials certifications for the materials utilized to perform the mount modification
    - Commscope, Metrosite, Perfect Vision, Sabre, and Site Pro have all agreed to support Verizon vendors with the necessary material certifications
  - If seeking permission to use an equivalent
    - It is required that the SMART Tool engineering vendor approval of such is included in the contractor submission package. There may be an additional charge for approval if the equivalent submission doesn't meet specifications as prescribed in the drawings.

☐ All hardware has been properly installed, and the existing hardware was inspected.

☐ The material utilized was as specified on the SMART Tool engineering vendor Mount Modification Drawings 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.

Antenna & Equipment Placement and Geometry Confirmation:

☐ 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.

Comments:

Was the mount modification completed in conjunction with the equipment change / installation?

☐ Yes ☐ No

Special Instructions / Validation as required from the MA or Mod Drawings:

Issue:

1. Contractor shall inspect and replace any missing hardware connecting the mount pipes and channel face horizontal. Contractor shall provide photo verification.

Response:

Special Instruction Confirmation:

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

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

Comments:

Certifying Individual:

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

Structure: 5000385094-VZW - N STAMFORD CT

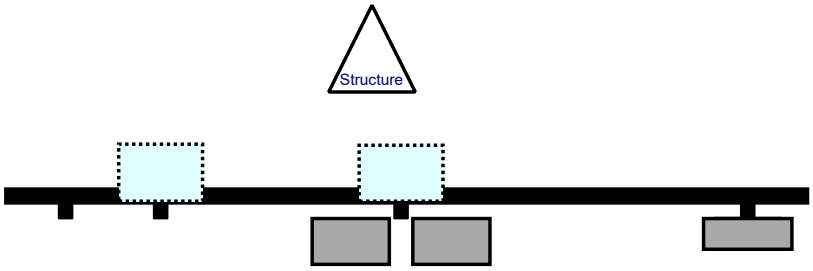
Sector: **A** 10/31/2023

Structure Type: Monopole 10212446

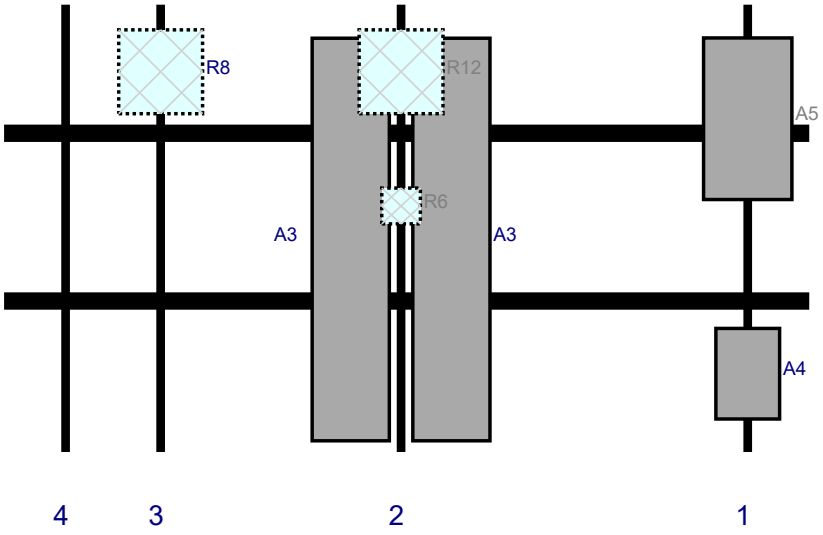
Mount Elev: 142.75 Page: 1

Colliers Engineering & Design

Plan View

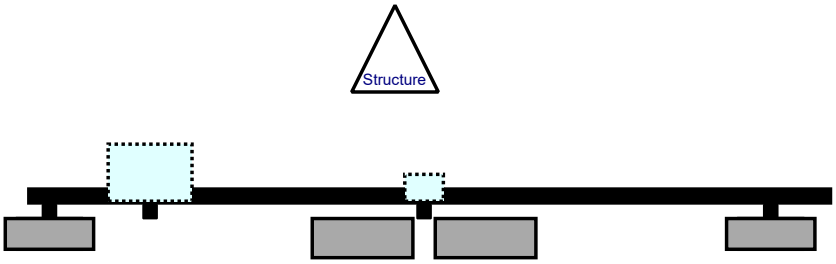


Front View - Looking at Structure

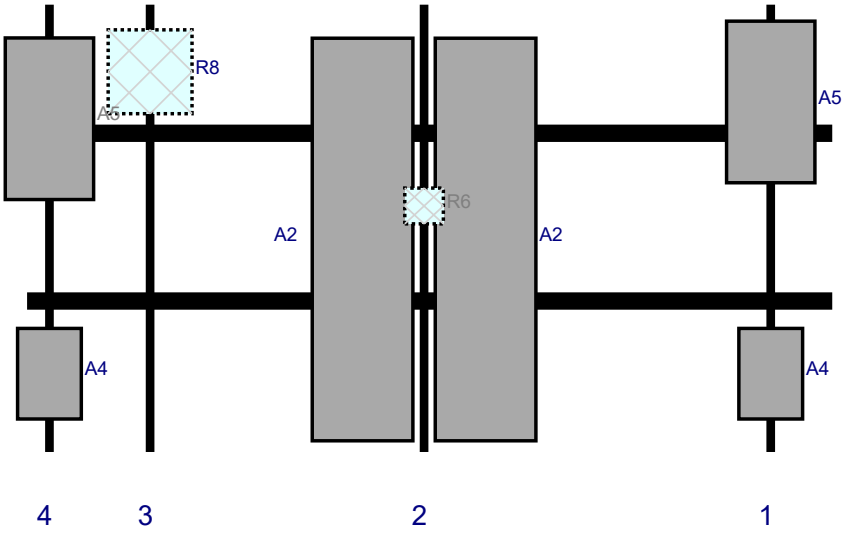


Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
A4	XXDWMM-12.5-65-8T-CBRS	16.2	11.4	133	1	a	Front	66	0	Added	
A5	MT6413-77A	28.9	15.8	133	1	a	Front	20.4	0	Added	
A3	JAHH-65B-R3B	72	13.8	71	2	a	Front	42	-9	Added	
A3	JAHH-65B-R3B	72	13.8	71	2	b	Front	42	9	Added	
R6	CBC78T-DS-43-2X	6.4	6.9	71	2	a	Behind	36	0	Added	
R12	LOADING ONLY	15	15	71	2	a	Behind	12	0	Added	
R8	RF4461d-13A	15	15	28	3	a	Behind	12	0	Added	
BETA RISE	BETA FOR RISA	15	15		Member					Added	
GAMMA RISE-F1	GAMMA FOR RISA	15	15		Member					Added	
GAMMA RISE-F2	GAMMA FOR RISA	15	15		Member					Added	

Plan View

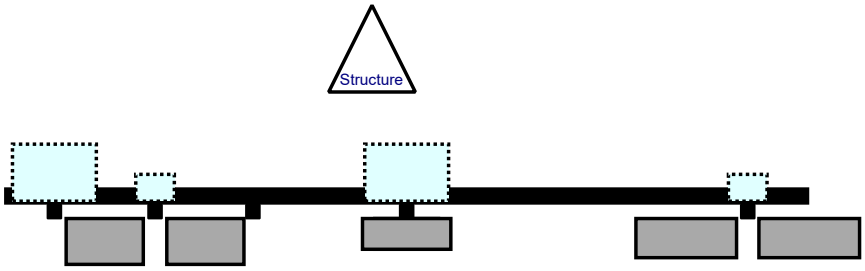


Front View - Looking at Structure

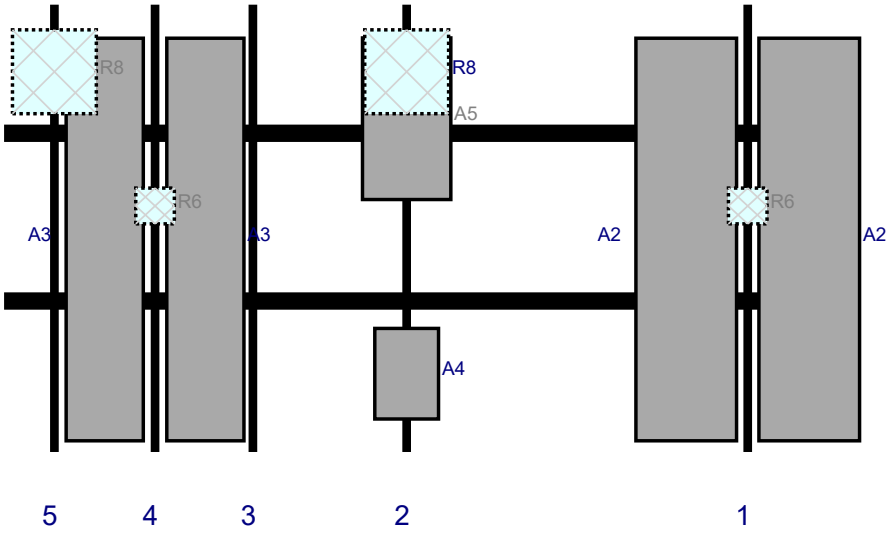


Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
A4	XXDWMM-12.5-65-8T-CBRS	16.2	11.4	133	1	a	Front	66	0	Added	
A5	MT6413-77A	28.9	15.8	133	1	a	Front	17.4	0	Added	
A2	JAHH-45B-R3B	72	18	71	2	a	Front	42	-11	Added	
A2	JAHH-45B-R3B	72	18	71	2	b	Front	42	11	Added	
R6	CBC78T-DS-43-2X	6.4	6.9	71	2	a	Behind	36	0	Added	
R8	RF4461d-13A	15	15	22	3	a	Behind	12	0	Added	
A4	XXDWMM-12.5-65-8T-CBRS	16.2	11.4	4	4	a	Front	66	0	Added	
A5	MT6413-77A	28.9	15.8	4	4	a	Front	20.4	0	Added	

Plan View



Front View - Looking at Structure



Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
A2	JAHH-45B-R3B	72	18	133	1	a	Front	42	-11	Added	
A2	JAHH-45B-R3B	72	18	133	1	b	Front	42	11	Added	
R6	CBC78T-DS-43-2X	6.4	6.9	133	1	a	Behind	36	0	Added	
A4	XXDWMM-12.5-65-8T-CBRS	16.2	11.4	72	2	a	Front	66	0	Added	
A5	MT6413-77A	28.9	15.8	72	2	a	Front	20.4	0	Added	
R8	RF4461d-13A	15	15	72	2	a	Behind	12	0	Added	
A3	JAHH-65B-R3B	72	13.8	27	4	a	Front	42	-9	Added	
A3	JAHH-65B-R3B	72	13.8	27	4	b	Front	42	9	Added	
R6	CBC78T-DS-43-2X	6.4	6.9	27	4	a	Behind	36	0	Added	
R8	RF4461d-13A	15	15	9	5	a	Behind	12	0	Added	

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MOUNT MODIFICATION DRAWINGS
EXISTING 12.00' PLATFORM

TOWER OWNER: UNKNOWN
TOWER OWNER SITE NUMBER: UNKNOWN

CARRIER SITE NAME: N STAMFORD CT
CARRIER SITE NUMBER: 5000385094
FUZE ID: 16045709

1590 NEWFIELD AVE.
STAMFORD, CT 06905
FAIRFIELD COUNTY

LATITUDE: 41.11275° N
LONGITUDE: 73.538353° W

DESIGN CRITERIA

WIND LOADS

BASIC WIND SPEED (3 SECOND GUST), V = 120 MPH
EXPOSURE CATEGORY B
TOPOGRAPHIC CATEGORY: 1
TOPOGRAPHIC CONSIDERED: N/A
TOPOGRAPHIC METHOD: N/A
MEAN BASE ELEVATION (AMSL) = 226.51'

ICE LOADS

ICE WIND SPEED (3 SECOND GUST), V = 50 MPH
ICE THICKNESS = 1.00 IN

SEISMIC LOADS

SEISMIC DESIGN CATEGORY B
SHORT TERM MCER GROUND MOTION, S_S = .261
LONG TERM MCER GROUND MOTION, S_1 = .058

PROJECT INFORMATION

APPLICANT/LESSEE

COMPANY: VERIZON WIRELESS

CLIENT REPRESENTATIVE

COMPANY: VERIZON WIRELESS

PROJECT MANAGER

COMPANY: COLLIERS ENGINEERING & DESIGN
CONTACT: PETER ALBANO
PHONE: 856.797.0412
E-MAIL: PETER.ALBANO@COLLIERSENG.COM

CONTRACTOR PMI REQUIREMENTS

PMI LOCATION: HTTPS://PMI.VZWSMART.COM
SMART TOOL PROJECT #: 10209621
VZW MDG #: 5000385094
ANALYSIS DATE: 9/19/2023

PMI REQUIREMENTS EMBEDDED WITHIN MOUNT MODIFICATION REPORT

SHEET INDEX

SHEET	DESCRIPTION
ST-1	TITLE SHEET
SBOM-1	BILL OF MATERIALS
SGN-1	GENERAL NOTES
SCF-1	CLIMBING FACILITY DETAIL
SS-1	MODIFICATION DETAILS
SS-2	MODIFICATION DETAILS
SS-3	MOUNT PHOTOS
	SPECIFICATION SHEETS

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JOB NUMBER: 21777939

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1	09/19/23	ISSUED FOR CONSTRUCTION	PD	DRH

Digitally signed by Derek R. Hartzell
Date: 2023.09.19 16:41:37-04'00'

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COLLIERS ENGINEERING & DESIGN CT, P.C.
C.T. JPC.0000131

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5000385094

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FAIRFIELD COUNTY

Colliers Engineering & Design
STAMFORD
1055 Washington Boulevard
Stamford, CT 06901
Phone: 203.324.0800
COLLIERS ENGINEERING & DESIGN CT, P.C.
DOING BUSINESS AS MASER CONSULTING

SHEET TITLE: TITLE SHEET

SHEET NUMBER: ST-1

NOTE: DO NOT SCALE DRAWINGS FOR CONSTRUCTION.

BILL OF MATERIALS

SECTION 1 - VZWSMART KITS

QUANTITY	MANUFACTURER	PART NUMBER	DESCRIPTION	NOTES	UNIT WEIGHT (LBS.)	WEIGHT (LBS.)
1	VZWSMART	VZWSMART-PLK1	SUPPORT RAIL KIT	CONTRACTOR TO VERIFY THE LENGTH REQUIRED AND TRIM AS NECESSARY IN ACCORDANCE WITH THE 'STRUCTURAL STEEL' NOTES ON SHEET SGN-1.	504	504
5		VZWSMART-P40-238X096	96" LONG, PIPE 2 SCH40 (2.375"OD X 0.154" THK)		29	145
2		VZWSMART-P40-238X072	72" LONG, PIPE 2 SCH40 (2.375"OD X 0.154" THK)		22	44
4		VZWSMART-MSK14	UNIVERSAL ADJUSTABLE CROSSOVER		6	25

SECTION 2 - OTHER REQUIRED PARTS

QUANTITY	MANUFACTURER	PART NUMBER	DESCRIPTION	NOTES	UNIT WEIGHT (LBS.)	WEIGHT (LBS.)
6	PERFECT VISION	PV-DC-PTPC-2020-12	12" PIPE TO PIPE CONNECTION	OR EOR APPROVED EQUAL, CONTACT COLLIERS ENGINEERING & DESIGN FOR APPROVAL OF SUBSTITUTION.	15	89
4	PERFECT VISION	PV-DC-PTPC-2020-24	24" PIPE TO PIPE CONNECTION	OR EOR APPROVED EQUAL, CONTACT COLLIERS ENGINEERING & DESIGN FOR APPROVAL OF SUBSTITUTION.	19	74

SECTION 3 - REQUIRED SAFETY CLIMB PARTS

QUANTITY	MANUFACTURER	PART NUMBER	DESCRIPTION	NOTES	UNIT WEIGHT (LBS.)	WEIGHT (LBS.)
					TOTAL:	884

NOTES:

1. THE MANUFACTURERS LISTED ARE THE APPROVED VENDORS FOR THE VZW MOUNT KITS. EACH MANUFACTURER WILL BE AWARE OF WHICH KITS HAVE BEEN THROUGH THE VZW APPROVAL PROCESS AND THEY ARE IN TURN APPROVED TO SELL. PLEASE NOTE THAT THE MATERIAL UTILIZED ON THE MOUNT MODIFICATIONS WILL BE REVIEWED AS A PART OF THE DESKTOP PMI COMPLETED BY THE SMART TOOL VENDOR. IT WILL BE REQUIRED THAT THE VZW KITS SPECIFIED ARE UTILIZED IN THE MODIFICATIONS.

2. ALL MATERIALS REQUIRED FOR THE DESIGNED MODIFICATIONS BUT NOT LISTED IN THIS SHEET ARE ASSUMED TO BE PROVIDED BY THE CONTRACTOR.

VZWSMART KITS - APPROVED VENDORS

COMMSCOPE	
CONTACT	SALVADOR ANGUIANO
PHONE	(817) 304-7492
EMAIL	SALVADOR.ANGUIANO@COMMSCOPE.COM
WEBSITE	WWW.COMMSCOPE.COM

METROSITE FABRICATORS, LLC	
CONTACT	KENT RAMEY
PHONE	(706) 335-7045 (O), (706) 982-9788 (M)
EMAIL	KENT@METROSITELLC.COM
WEBSITE	METROSITEFABRICATORS.COM

PERFECTVISION	
CONTACT	WIRELESS SALES
PHONE	(844) 887-6723
EMAIL	WWW.PERFECT-VISION.COM
WEBSITE	WIRELESSSALES@PERFECT-VISION.COM

SABRE INDUSTRIES, INC.	
CONTACT	ANGIE WELCH
PHONE	(866) 428-6937
EMAIL	AKWELCH@SABREINDUSTRIES.COM
WEBSITE	WWW.SABRESITESOLUTIONS.COM

SITE PRO 1	
CONTACT	PAULA BOSWELL
PHONE	(972) 236-9843
EMAIL	PAULA.BOSWELL@VALMONT.COM
WEBSITE	WWW.SITEPRO1.COM

NEWAVE	
CONTACT	NEWAVE SALES TEAM
PHONE	(971) 239-4762
EMAIL	SALES@NEWAVETC.COM
WEBSITE	WWW.NEWAVETC.COM

BETTER METAL, LLC	
CONTACT	DAVID STANSBERRY
PHONE	(615) 535-0990 (O), (615) 631-2520 (M)
EMAIL	DLS@BETTERMETAL.COM
WEBSITE	WWW.BETTERMETAL.COM

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DOING BUSINESS AS MASER CONSULTING

SHEET TITLE: BILL OF MATERIALS

SHEET NUMBER: SBOM-1

GENERAL NOTES

1. THESE MODIFICATIONS HAVE BEEN DESIGNED IN ACCORDANCE WITH THE GOVERNING PROVISIONS OF THE TELECOMMUNICATIONS INDUSTRY STANDARD TIA-222-H. MATERIALS AND SERVICES PROVIDED BY THE CONTRACTOR SHALL CONFORM TO THE ABOVE MENTIONED CODES.
2. CONTRACTOR SHALL TAKE ALL PRECAUTIONS NECESSARY TO PREVENT DAMAGE TO EXISTING STRUCTURES. ANY DAMAGE TO EXISTING STRUCTURES AS A RESULT OF THE CONTRACTOR'S WORK OR FROM DAMAGE DUE TO OTHER CAUSES SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE TO THE SATISFACTION OF THE OWNER.
3. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS BEFORE BEGINNING WORK, ORDERING MATERIAL, AND PREPARING OF SHOP DRAWINGS. ANY DISCREPANCIES BETWEEN FIELD CONDITIONS AND THE CONTRACT DOCUMENTS SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE ENGINEER. IF THE CONTRACTOR DISCOVERS ANY EXISTING CONDITIONS THAT ARE NOT REPRESENTED ON THESE DRAWINGS, OR ANY CONDITIONS THAT WOULD INTERFERE WITH THE INSTALLATION OF THE MODIFICATIONS, NOTIFY THE ENGINEER IMMEDIATELY.
4. IT IS ASSUMED THAT ANY STRUCTURAL MODIFICATION WORK SPECIFIED ON THESE PLANS WILL BE ACCOMPLISHED BY KNOWLEDGEABLE WORKMEN WITH TOWER CONSTRUCTION EXPERIENCE.
5. THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK AND SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION METHODS, MEANS, TECHNIQUES, SEQUENCES, AND PROCEDURES.
6. ALL CONSTRUCTION MEANS AND METHODS; INCLUDING BUT NOT LIMITED TO, ERECTION PLANS, RIGGING PLANS, CLIMBING PLANS, AND RESCUE PLANS SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR RESPONSIBLE FOR THE EXECUTION OF THE WORK CONTAINED HEREIN AND SHALL MEET ANSI/TIA-322 (LATEST EDITION), OSHA, AND GENERAL INDUSTRY STANDARDS. ALL RIGGING PLANS SHALL ADHERE TO ANSI/TIA-322 (LATEST EDITION) INCLUDING THE REQUIRED INVOLVEMENT OF A QUALIFIED ENGINEER FOR CLASS IV CONSTRUCTION.
7. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR INITIATING, MAINTAINING, AND SUPERVISING ALL SAFETY PROGRAMS IN ACCORDANCE WITH APPLICABLE SAFETY CODES.
8. WORK SHALL ONLY BE PERFORMED DURING CALM DRY DAYS (WINDS LESS THAN 30-MPH). THE STRUCTURE SHOWN ON THE DRAWINGS IS STRUCTURALLY SOUND ONLY IN THE COMPLETED FORM. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE STRENGTH AND STABILITY OF THE STRUCTURE DURING ERECTION. CONTRACTOR SHALL PROVIDE TEMPORARY SUPPORT, SHORING, BRACING AND ANY OTHER STRUCTURAL SYSTEMS AS REQUIRED TO RESIST ALL FORCES THAT MAY OCCUR DURING HANDLING AND ERECTION UNTIL THE STRUCTURE IS FULLY COMPLETED. TEMPORARY SUPPORTS, BRACING AND OTHER STRUCTURAL SYSTEMS REQUIRED DURING CONSTRUCTION SHALL REMAIN THE CONTRACTOR'S PROPERTY AFTER THEIR USE.
9. ALL INSTALLATIONS PERFORMED ON THIS STRUCTURE SHALL BE COMPLETED IN ACCORDANCE WITH THE GOVERNING PROVISIONS OF THE STANDARD FOR INSTALLATION, ALTERATION AND MAINTENANCE OF ANTENNA SUPPORTING STRUCTURES AND ANTENNAS, ANSI/TIA-322.
10. CONTRACTOR SHALL SECURE SITE BACK TO EXISTING CONDITION UNDER SUPERVISION OF OWNER. ALL FENCE, STONE, GEOFABRIC, GROUNDING, AND SURROUNDING GRADE SHALL BE REPLACED AND REPAIRED AS REQUIRED TO ACHIEVE OWNER APPROVAL. POSITIVE DRAINAGE AWAY FROM TOWER SITE SHALL BE MAINTAINED.
11. CONNECTIONS BETWEEN ITEMS SUPPORTED BY THE STRUCTURE AND THE STRUCTURE NOT SPECIFICALLY DETAILED IN THE CONTRACT DOCUMENTS ARE THE RESPONSIBILITY OF THE CONTRACTOR. SUCH CONNECTIONS SHALL BE DESIGNED, COORDINATED AND INSPECTED BY A PROFESSIONAL STRUCTURAL ENGINEER LICENSED IN THE STATE OF THE PROJECT. SUBMIT SIGNED AND SEALED CALCULATIONS DURING SHOP DRAWING REVIEW.
12. DO NOT SCALE DRAWINGS.
13. DO NOT USE THESE DRAWINGS FOR ANY OTHER SITE.
14. ALL MATERIAL UTILIZED FOR THIS PROJECT MUST BE NEW AND FREE OF ANY DEFECTS. ANY MATERIAL SUBSTITUTIONS, INCLUDING BUT NOT LIMITED TO ALTERED SIZE AND/OR STRENGTHS, MUST BE APPROVED BY THE OWNER AND ENGINEER IN WRITING.
15. THE MOUNT UNDER NO CIRCUMSTANCES SHOULD BE USED AS A TIE OFF POINT.

STRUCTURAL STEEL

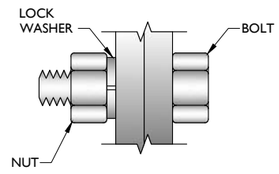
1. DESIGN, DETAILING, FABRICATION AND ERECTION OF STRUCTURAL STEEL SHALL CONFORM TO THE FOLLOWING PUBLICATIONS EXCEPT AS SPECIFICALLY INDICATED IN THE CONTRACT DOCUMENTS.
   a. AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC) MANUAL OF STEEL CONSTRUCTION (15TH EDITION)
   b. SPECIFICATION FOR STRUCTURAL JOINTS USING ASTM A325 OR A490 BOLTS
   c. AISC CODE OF STANDARD PRACTICE
2. STRUCTURAL STEEL SHALL CONFORM TO THE FOLLOWING UNLESS OTHERWISE SHOWN:

CHANNELS, ANGLES, PLATES, ETC.	ASTM A36 (GR 36)
STEEL PIPE	ASTM A53 (GR 35)
BOLTS	ASTM A325
NUTS	ASTM A563
LOCK WASHERS	LOCKING STRUCTURAL GRADE

3. ALL SUBSTITUTIONS PROPOSED BY THE CONTRACTOR SHALL BE APPROVED IN WRITING BY THE ENGINEER. CONTRACTOR SHALL PROVIDE DOCUMENTATION TO ENGINEER FOR VERIFYING THE SUBSTITUTE IS SUITABLE FOR USE AND MEETS ORIGINAL DESIGN CRITERIA. DIFFERENCES FROM THE ORIGINAL DESIGN, INCLUDING MAINTENANCE, REPAIR AND REPLACEMENT, SHALL BE NOTED. ESTIMATES OF COSTS/CREDITS ASSOCIATED WITH THE SUBSTITUTION (INCLUDING RE-DESIGN COSTS AND COSTS TO SUB-CONTRACTORS) SHALL BE PROVIDED TO THE ENGINEER. CONTRACTOR SHALL PROVIDE ADDITIONAL DOCUMENTATION AND/OR SPECIFICATIONS TO THE ENGINEER AS REQUESTED.
4. PROVIDE STRUCTURAL STEEL SHOP DRAWINGS TO ENGINEER FOR APPROVAL PRIOR TO FABRICATION.
   a. SUBMIT SHOP DRAWINGS TO
      PETER.ALBANO@COLLIERSENG.COM
   b. PROVIDE COLLIERS ENGINEERING & DESIGN PROJECT # AND COLLIERS ENGINEERING & DESIGN PROJECT ENGINEER CONTACT IN THE BODY OF THE EMAIL.
5. DRILL NO HOLES IN ANY NEW OR EXISTING STRUCTURAL STEEL MEMBERS OTHER THAN THOSE SHOWN ON STRUCTURAL DRAWINGS WITHOUT THE APPROVAL OF THE ENGINEER OF RECORD.
6. GALVANIZED ASTM A325 BOLTS SHALL NOT BE REUSED.
7. ALL NEW STEEL SHALL BE HOT BE DIPPED GALVANIZED FOR FULL WEATHER PROTECTION. IN ADDITION ALL NEW STEEL SHALL BE PAINTED TO MATCH EXISTING STEEL. CONTRACTOR SHALL OBTAIN WRITTEN PERMISSION TO PROTECT STEEL BY ANY OTHER MEANS.
8. ALL BOLT ASSEMBLIES FOR STRUCTURAL MEMBERS REPRESENTED IN THIS DRAWING REQUIRE LOCKING DEVICES TO BE INSTALLED IN ACCORDANCE WITH TIA-222-H SECTION 4.9.2 REQUIREMENTS.
9. WHERE CONNECTIONS ARE NOT FULLY DETAILED ON THESE DRAWINGS, FABRICATOR SHALL DESIGN CONNECTIONS TO RESIST LOADS AND FORCES WHERE SHOWN ON DRAWINGS AND AS OUTLINED IN SPECIFICATIONS.
10. FOR MEMBERS BEING REPLACED, PROVIDE NEW BOLTS AND MATCH EXISTING SIZE AND GRADE. MAINTAIN AISC REQUIREMENTS FOR MINIMUM BOLT DISTANCE AND SPACING.
11. ALL PROPOSED AND/OR REPLACED BOLTS SHALL BE OF SUFFICIENT LENGTH SUCH THAT THE END OF THE BOLT IS AT LEAST FLUSH WITH THE FACE OF THE NUT. IT IS NOT PERMITTED FOR THE BOLT END TO BE BELOW THE FACE OF THE NUT AFTER TIGHTENING IS COMPLETED.
12. GALVANIZED ASTM A325 BOLTS SHALL NOT BE REUSED.
13. ALL NEW STEEL SHALL BE HOT BE DIPPED GALVANIZED FOR FULL WEATHER PROTECTION. CONTRACTOR SHALL OBTAIN WRITTEN PERMISSION TO PROTECT STEEL BY ANY OTHER MEANS.
14. ALL EXISTING PAINTED/GALVANIZED SURFACES DAMAGED DURING REHAB INCLUDING AREAS UNDER STIFFENER PLATES SHALL BE WIRE BRUSHED CLEAN, REPAIRED BY COLD GALVANIZING (ZINC COTE, OR EOR APPROVED EQUAL), AND REPAINTED TO MATCH THE EXISTING FINISH (IF APPLICABLE).
15. ALL HOLES IN STEEL MEMBERS SHALL BE SIZED 1/16" LARGER THAN THE BOLT DIAMETER. STANDARD HOLES SHALL BE USED UNLESS NOTED OTHERWISE.

BOLT SCHEDULE (IN.)				
BOLT DIAMETER	**STANDARD HOLE**	**SHORT SLOT**	**MIN. EDGE DISTANCE**	**SPACING**
1/2	9/16	9/16 x 11/16	7/8	1 1/2
5/8	11/16	11/16 x 7/8	1 1/8	1 7/8
3/4	13/16	13/16 x 1	1 1/4	2 1/4
7/8	15/16	15/16 x 1 1/8	1 1/2	2 5/8
1	1 1/16	1 1/16 x 1 5/16	1 3/4	3

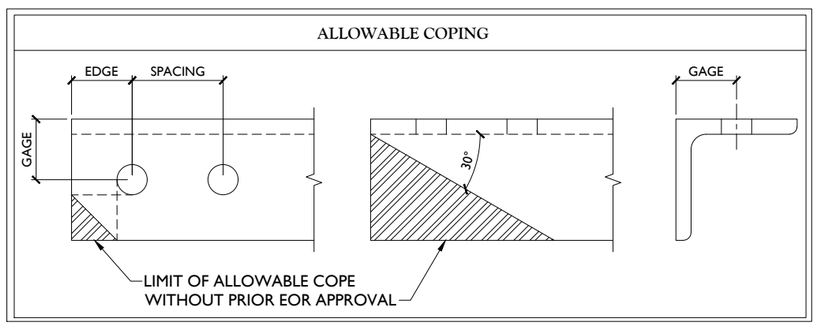
WORKABLE GAGES (IN.)	
LEG	**GAGE**
4	2 1/2
3 1/2	2
3	1 3/4
2 1/2	1 3/8
2	1 1/8



TYP. BOLT ASSEMBLY

NOTES:

1. ALL DIMENSIONS REPRESENTED IN THE ABOVE TABLES ARE AISC MINIMUM REQUIREMENTS. CONTRACTOR SHALL VERIFY EXISTING CONDITIONS IN FIELD AND NOTIFY ENGINEER IF DISTANCES ARE LESS THAN THOSE PROVIDED.
2. THE DIMENSIONS PROVIDED ARE MINIMUM REQUIREMENTS. ACTUAL DIMENSIONS OF PROPOSED MEMBERS WITHIN THESE DRAWINGS MAY VARY FROM THE AISC MINIMUM REQUIREMENTS.
3. SHORT SLOT HOLES SHALL ONLY BE USED WHEN DEPICTED IN THE DRAWINGS
4. MATCH EXISTING GAGES WHEN APPLICABLE, UNLESS MINIMUM EDGE DISTANCES ARE COMPROMISED.



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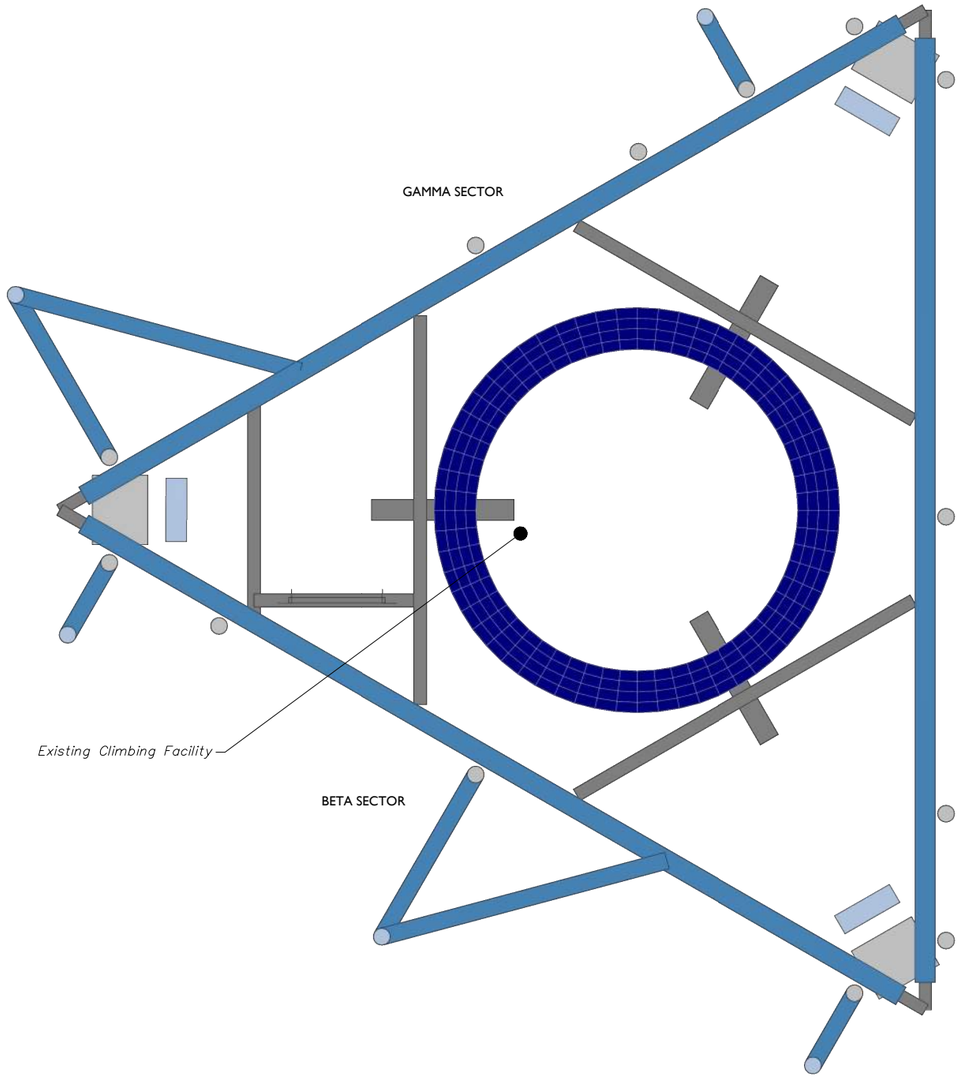
STAMFORD, CT 06905
FAIRFIELD COUNTY

Colliers Engineering & Design
STAMFORD
1055 Washington Boulevard
Stamford, CT 06901
Phone: 203.324.0800
COLLIERS ENGINEERING & DESIGN CT, P.C.
DOING BUSINESS AS MASER CONSULTING

SHEET TITLE: GENERAL NOTES

SHEET NUMBER: SGN-1

NOTE: DO NOT SCALE DRAWINGS FOR CONSTRUCTION.



1 CLIMBING FACILITY LOCATION

SCALE : N.T.S.

STRUCTURAL NOTES:

1. PER THE MOUNT MAPPING COMPLETED BY STRUCTURAL COMPONENTS ON 10/19/2021, THE SAFETY CLIMB AND CLIMBING FACILITIES UP TO THE VERIZON MOUNT ELEVATION (142'-9") ARE IN GOOD CONDITION. COLLIERS ENGINEERING & DESIGN DOES NOT WARRANT THIS INFORMATION.

2. INSTALL SHALL NOT CAUSE HARM TO THE STRUCTURE, CLIMBING FACILITY, SAFETY CLIMB, OR ANY SYSTEM INSTALLED ON THE STRUCTURE. TIMELY NOTICE AND DOCUMENTATION SHALL BE PROVIDED BY CONTRACTORS TO THE EOR (OF STRUCTURAL DESIGN) IF AN OBSTRUCTION WAS REQUIRED TO MEET THE RF SYSTEM DESIGN REQUIREMENTS AND PERFORMANCES.

CLIMBING FACILITY PHOTO

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FOR STATE SPECIFIC DIRECT PHONE NUMBERS VISIT: WWW.CALL811.COM

SCALE : AS SHOWN

JOB NUMBER : 21777939

REV	DATE	DESCRIPTION	DRAWN BY	CHECKED BY
0	11/16/21	ISSUED FOR CONSTRUCTION	DC	DH
1	09/19/23	ISSUED FOR CONSTRUCTION	PD	DRH

Digitally signed by Derek R. Hartzell
Date: 2023.09.19 16:42:26-04'00'

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

COLLIERS ENGINEERING & DESIGN CT, P.C.
C.T. JPC.0000131

SITE NAME:

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5000385094

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SHEET TITLE :

CLIMBING FACILITY DETAIL

SHEET NUMBER :

SCF-1

LEGEND:

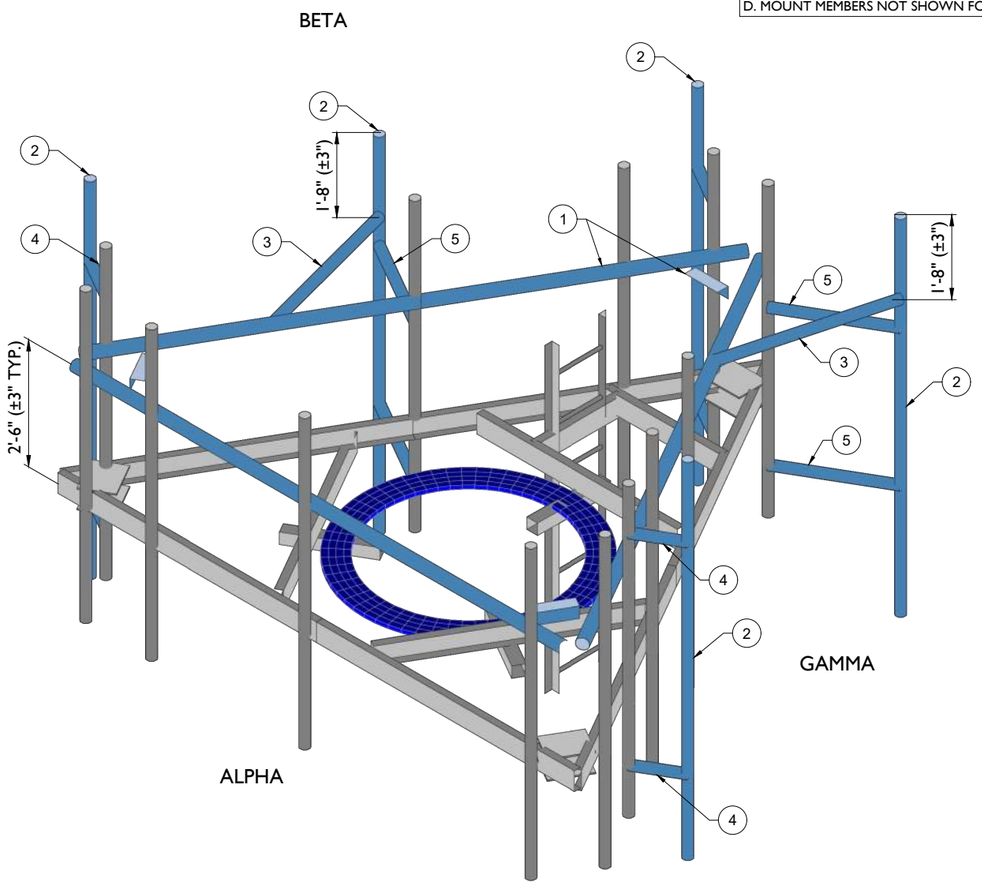
- PROPOSED
- RELOCATED
- EXISTING

MOUNT MODIFICATION SCHEDULE

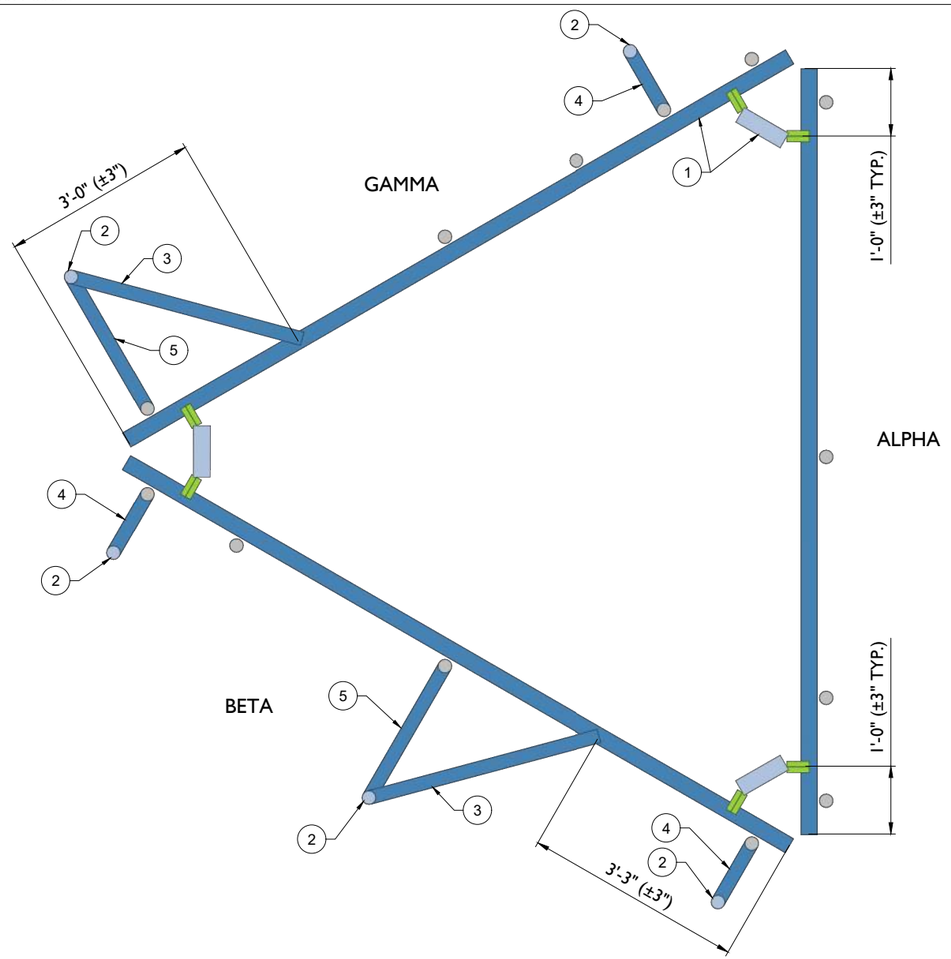
NO.	ELEVATION	QUANTITY	DESCRIPTION	NOTES
1	142'-9"	1	PROPOSED SUPPORT RAIL KIT (PART #: VZWSMART-PLK1)	CONTRACTOR SHALL TRIM THE LENGTH OF PROPOSED SUPPORT RAIL PIPE TO EXACTLY 136" LONG. CONTRACTOR TO VERIFY THE LENGTH REQUIRED FOR CORNER ANGLE AND TRIM AS NECESSARY IN ACCORDANCE WITH THE 'STRUCTURAL STEEL' NOTES ON SHEET SGN-1. RADIO AND/OR TME POSITIONS SHALL BE ADJUSTED VERTICALLY AS NEEDED IN ORDER TO ACHIEVE INSTALLATION OF HORIZONTAL AS SHOWN. EOR SHALL BE NOTIFIED IF EQUIPMENT NEEDS TO BE RELOCATED TO ANOTHER MOUNT PIPE.
2		5	PROPOSED 96" LONG, PIPE 2 SCH40 (PART #: VZWSMART-P40-238X096)	CONTRACTOR SHALL ATTACH NEW MOUNT PIPE TO EXISTING MOUNT PIPE WITH PROPOSED PIPE TO PIPE CONNECTIONS. REFER TO DETAILS 1/SS-2 AND 2/SS-2.
3		2	PROPOSED 72" LONG, PIPE 2 SCH40 (PART #: VZWSMART-P40-238X072) TIEBACK	CONNECT PROPOSED TIEBACK PIPE TO PROPOSED MOUNT PIPE AND SUPPORT RAIL PIPE USING UNIVERSAL ADJUSTABLE CROSSOVER KIT (VZWSMART-MSK14). REFER TO DETAIL 2/SS-1.
4		6	12" PIPE TO PIPE CONNECTION (PERFECT VISION, PART #: PV-DC-PTPC-2020-12)	CONNECT NEW MOUNT PIPES AT POS. 1 & 4 (AS SEEN FROM BEHIND THE MOUNT) IN BETA SECTOR AND AT POS. 4 (AS SEEN FROM BEHIND THE MOUNT) IN GAMMA SECTOR WITH PROPOSED 12" PIPE TO PIPE CONNECTION HARDWARE. REFER TO DETAIL 1/SS-2.
5		4	24" PIPE TO PIPE CONNECTION (PERFECT VISION, PART #: PV-DC-PTPC-2020-24)	CONNECT NEW MOUNT PIPES AT POS. 2 (AS SEEN FROM BEHIND THE MOUNT) IN BETA SECTOR AND AT POS. 1 (AS SEEN FROM BEHIND THE MOUNT) IN GAMMA SECTOR WITH PROPOSED 24" PIPE TO PIPE CONNECTION HARDWARE. REFER TO DETAIL 2/SS-2.

GENERAL NOTES:

A. CONTRACTOR SHALL INSPECT AND REPLACE ANY MISSING HARDWARE CONNECTING THE MOUNT PIPES AND CHANNEL FACE HORIZONTAL. CONTRACTOR SHALL PROVIDE PHOTO VERIFICATION.
B. CONTRACTOR SHALL VERIFY THAT NEW & EXISTING STEEL IS FREE OF CORROSION. VISIBLE MINOR CORROSION SHALL BE WIRE BRUSHED CLEAN AND TREATED WITH COLD GALVANIZATION. REPORT ANY SIGNIFICANT CORROSION TO EOR
C. THREADED ROD FROM PROPOSED KITS SHALL BE TRIMMED TO EXTEND NO MORE THAN 3" BEYOND THE LOCK NUT. TREAT ALL CUT ENDS WITH (2) COATS OF COLD GALVANIZATION (ZINC KOTE, OR EOR APPROVED EQUAL).
D. MOUNT MEMBERS NOT SHOWN FOR CLARITY U.N.O.



1 PROPOSED ISOMETRIC VIEW
SCALE : N.T.S.



2 PROPOSED PLAN VIEW (@ SUPPORT RAIL LEVEL)
SCALE : N.T.S.

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SHEET TITLE : MODIFICATION DETAILS

SHEET NUMBER : SS-1

LEGEND:

- PROPOSED
- RELOCATED
- EXISTING

MOUNT MODIFICATION SCHEDULE

NO.	ELEVATION	QUANTITY	DESCRIPTION	NOTES
1	142'-9"	1	PROPOSED SUPPORT RAIL KIT (PART #: VZWSMART-PLK1)	CONTRACTOR SHALL TRIM THE LENGTH OF PROPOSED SUPPORT RAIL PIPE TO EXACTLY 136" LONG. CONTRACTOR TO VERIFY THE LENGTH REQUIRED FOR CORNER ANGLE AND TRIM AS NECESSARY IN ACCORDANCE WITH THE 'STRUCTURAL STEEL' NOTES ON SHEET SGN-1. RADIO AND/OR TME POSITIONS SHALL BE ADJUSTED VERTICALLY AS NEEDED IN ORDER TO ACHIEVE INSTALLATION OF HORIZONTAL AS SHOWN. EOR SHALL BE NOTIFIED IF EQUIPMENT NEEDS TO BE RELOCATED TO ANOTHER MOUNT PIPE.
2		5	PROPOSED 96" LONG, PIPE 2 SCH40 (PART #: VZWSMART-P40-238X096)	CONTRACTOR SHALL ATTACH NEW MOUNT PIPE TO EXISTING MOUNT PIPE WITH PROPOSED PIPE TO PIPE CONNECTIONS. REFER TO DETAILS 1/SS-2 AND 2/SS-2.
3		2	PROPOSED 72" LONG, PIPE 2 SCH40 (PART #: VZWSMART-P40-238X072) TIEBACK	CONNECT PROPOSED TIEBACK PIPE TO PROPOSED MOUNT PIPE AND SUPPORT RAIL PIPE USING UNIVERSAL ADJUSTABLE CROSSOVER KIT (VZWSMART-MSK14). REFER TO DETAIL 2/SS-1.
4		6	12" PIPE TO PIPE CONNECTION (PERFECT VISION, PART #: PV-DC-PTPC-2020-12)	CONNECT NEW MOUNT PIPES AT POS. 1 & 4 (AS SEEN FROM BEHIND THE MOUNT) IN BETA SECTOR AND AT POS. 4 (AS SEEN FROM BEHIND THE MOUNT) IN GAMMA SECTOR WITH PROPOSED 12" PIPE TO PIPE CONNECTION HARDWARE. REFER TO DETAIL 1/SS-2.
5		4	24" PIPE TO PIPE CONNECTION (PERFECT VISION, PART #: PV-DC-PTPC-2020-24)	CONNECT NEW MOUNT PIPES AT POS. 2 (AS SEEN FROM BEHIND THE MOUNT) IN BETA SECTOR AND AT POS. 1 (AS SEEN FROM BEHIND THE MOUNT) IN GAMMA SECTOR WITH PROPOSED 24" PIPE TO PIPE CONNECTION HARDWARE. REFER TO DETAIL 2/SS-2.

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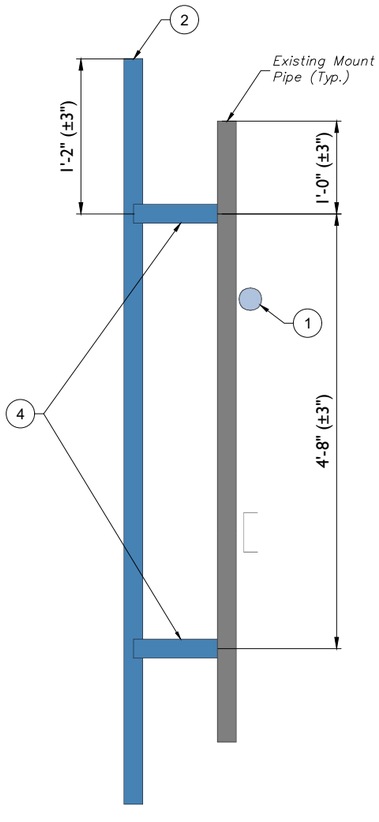
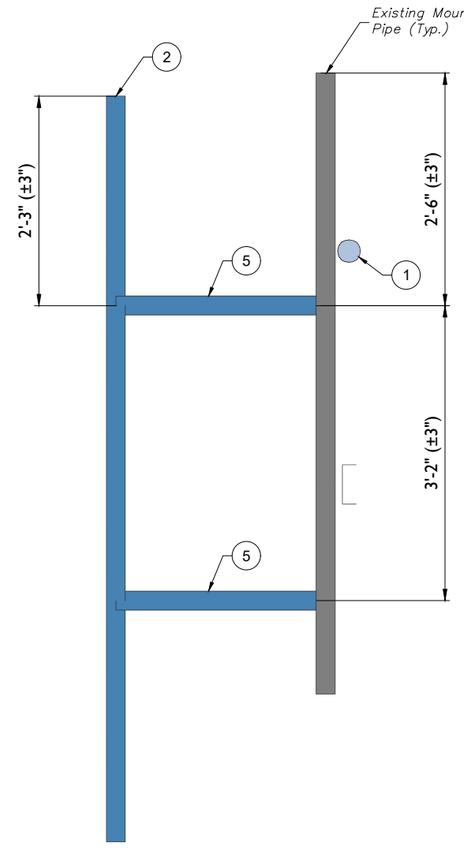


1 PROPOSED SIDE ELEVATION VIEW (POS. 1 &4 - BETA) AND (POS. 4 - GAMMA)

SCALE : N.T.S.



2 PROPOSED SIDE ELEVATION VIEW (POS. 2 - BETA) AND (POS. 1 - GAMMA)

SCALE : N.T.S.

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Digitally signed by Derek R. Hartzell
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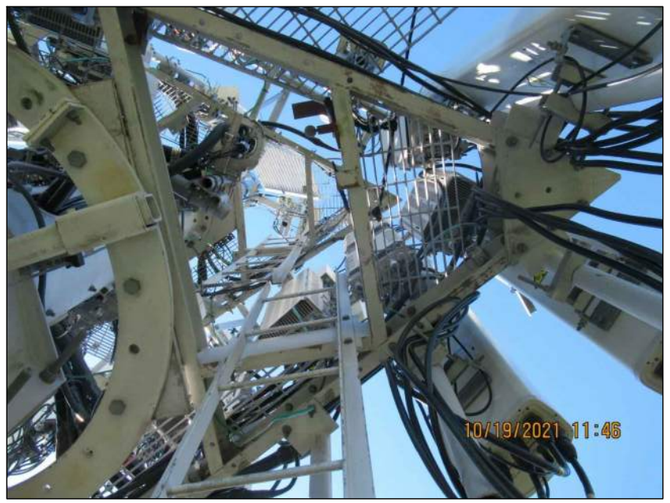
SHEET TITLE : MODIFICATION DETAILS

SHEET NUMBER : SS-2

MOUNT PHOTO 1

MOUNT PHOTO 2



MOUNT PHOTO 3

MOUNT PHOTO 4

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SCALE : AS SHOWN

JOB NUMBER : 21777939

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1	09/19/23	ISSUED FOR CONSTRUCTION	PD	DRH

Digitally signed by Derek R. Hartzell
Date: 2023.09.19 16:42:29-04'00'

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IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF THE RESPONSIBLE LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT.

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1590 NEWFIELD AVE.
STAMFORD, CT 06905
FAIRFIELD COUNTY

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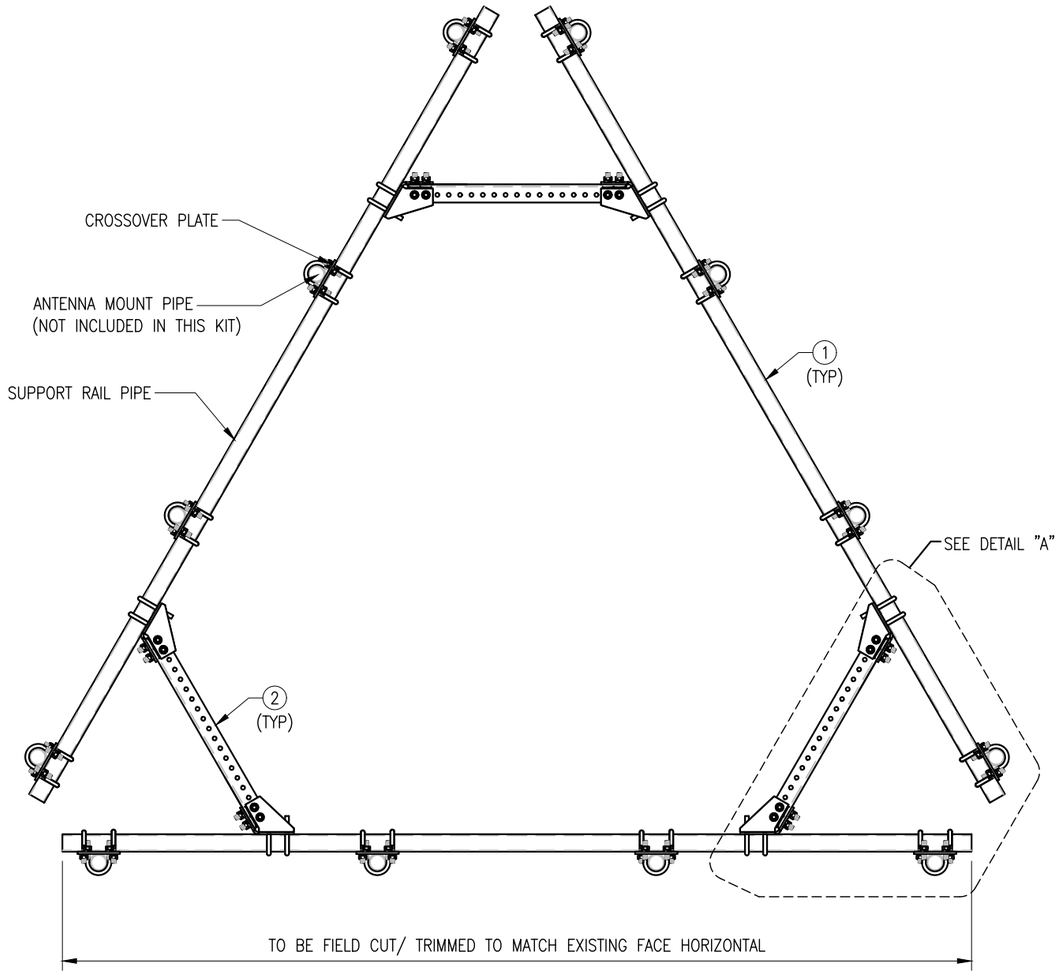
SHEET TITLE :

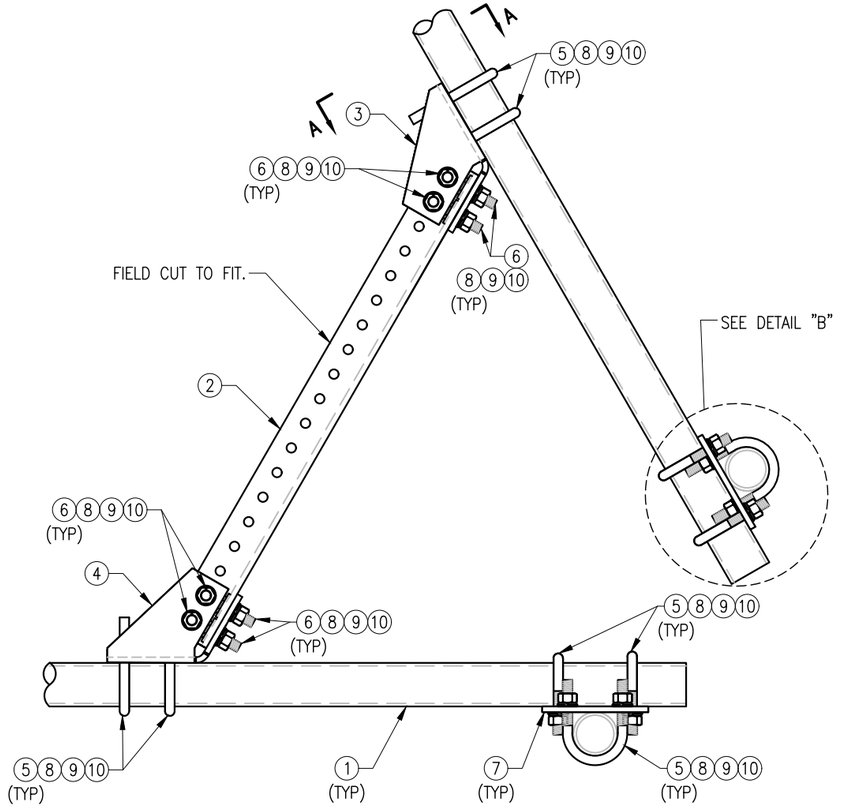
MOUNT PHOTOS

SHEET NUMBER :

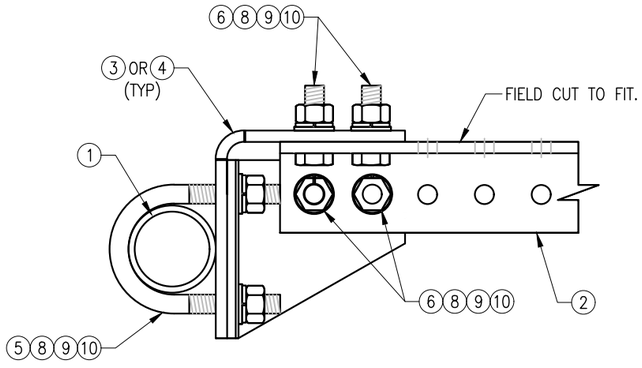
SS-3



PLAN VIEW



DETAIL "A"



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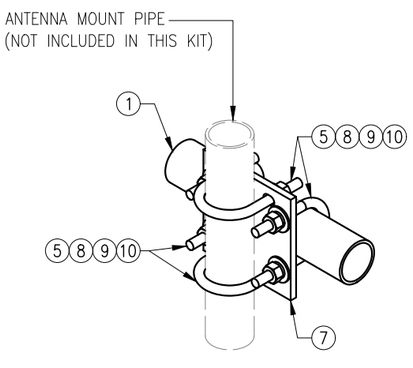

DETAIL "B"

NOTES:
1. HOT–DIPPED GALVANIZED PER ASTM A123.

VZW SMART–PLK1 (SUPPORT RAIL KIT)

ITEM NO.	QTY.	PART NO.	DESCRIPTION	SHEET #	WT
1	3	PST2875–12.5	2.5" PST (2.875" O.D. X 0.203" THK.) X 12'–6" A53 GR–B	PLK1–F1	292
2	3	L33375–3	L 3" X 3" X 3/8" X 3'–0" A36	PLK1–F1	66
3	3	CBP–L	CORNER BENT PLATE BRACKET	PLK1–F2	28
4	3	CBP–R	CORNER BENT PLATE BRACKET	PLK1–F2	28
5	60	MS02–625–300–500	RU–BOLT 5/8" X 3" I.W. X 5" I.L. A36 (OR EQUIV.)	RBC–1	82
6	24	---	BOLT 5/8" X 2" A325	---	9
7	12	PL375–857	PL 3/8" X 8 1/2" X 7'–0" A36	PLK1–F3	77
8	144	FW–625	5/8" HDG USS FLAT WASHER	---	12
9	144	LW–625	5/8" HDG LOCK WASHER	---	3
10	144	NUT–625	5/8" HDG HEX NUT	---	17
				GALVANIZED WT	504

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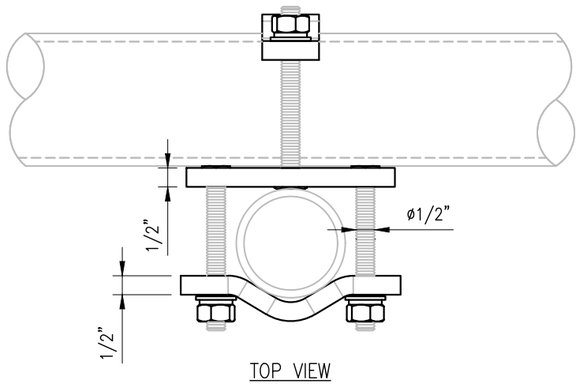
DRAWN BY: H.R | CHECKED BY: HMA

REV.	DESCRIPTION	BY	DATE
0	FIRST ISSUE	H.R	05/08/20

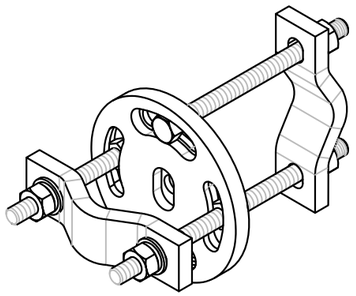
SHEET TITLE:
VZWSMART–PLK1
SUPPORT RAIL KIT

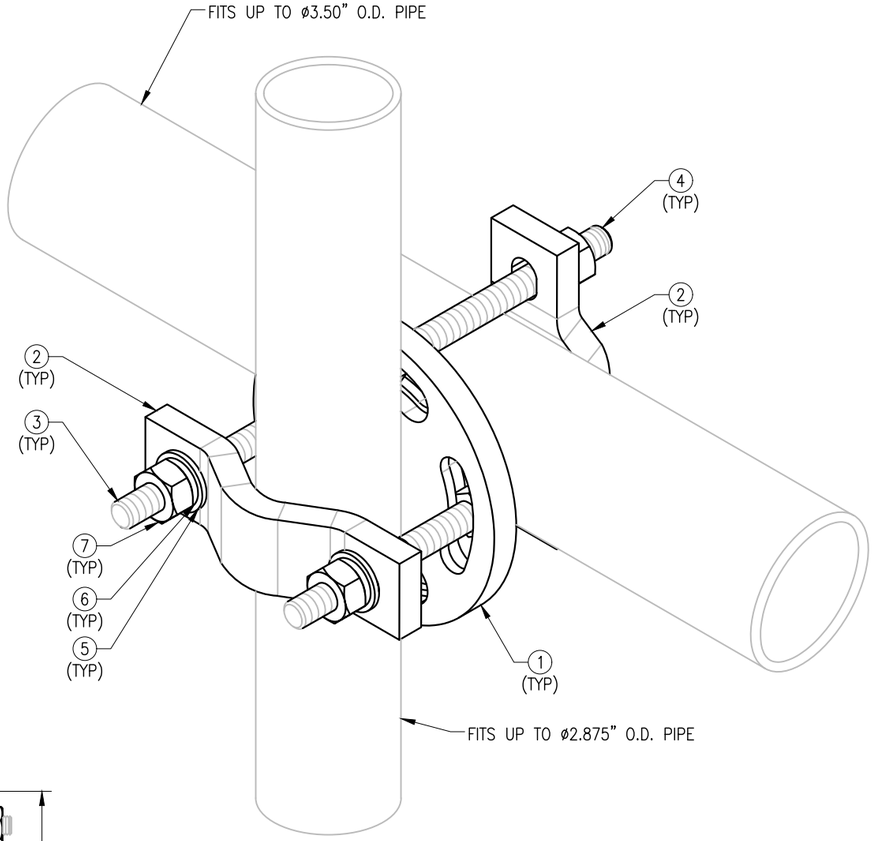
SHEET NUMBER: VZWSMART–PLK1

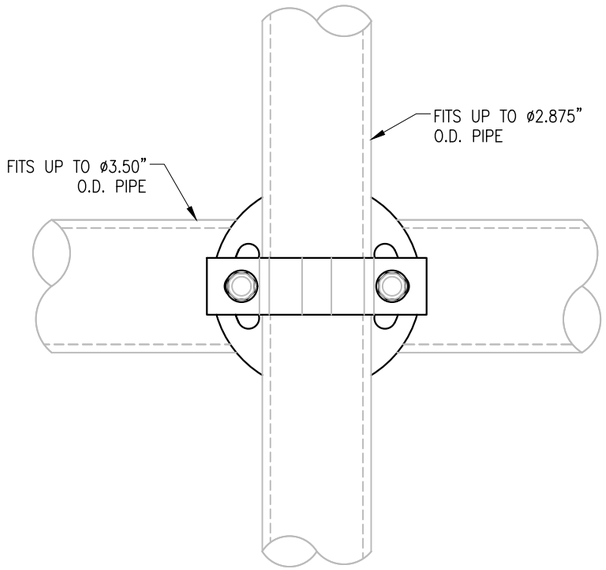
REV #: 0



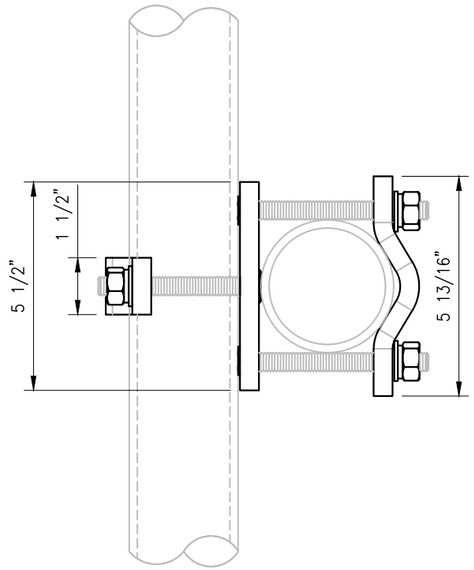
TOP VIEW







FRONT VIEW



SIDE VIEW

NOTES:
1. HOT-DIPPED GALVANIZED PER ASTM A123.

VZWSMART-MSK14 (UNIVERSAL ADJUSTABLE CROSSOVER)

ITEM NO.	QTY.	PART NO.	DESCRIPTION	SHEET #	WT
1	1	CCC512	CIRCULAR CROSSOVER CLAMP	MSK14-F1	2.20
2	2	SCP10	SMALL DISH CLAMP HALF	MSK14-F2	2.40
3	2	---	BOLT 1/2" X 4" FULL THREAD SAE GR-5	---	0.48
4	2	---	BOLT 1/2" X 6 1/2" FULL THREAD SAE GR-5	---	0.72
5	4	FW-500	1/2" HDG USS FLAT WASHER	---	0.08
6	4	LW-500	1/2" HDG LOCK WASHER	---	0.04
7	4	NUT-500	1/2" HDG HEX NUT	---	0.28
				GALVANIZED WT	6.19

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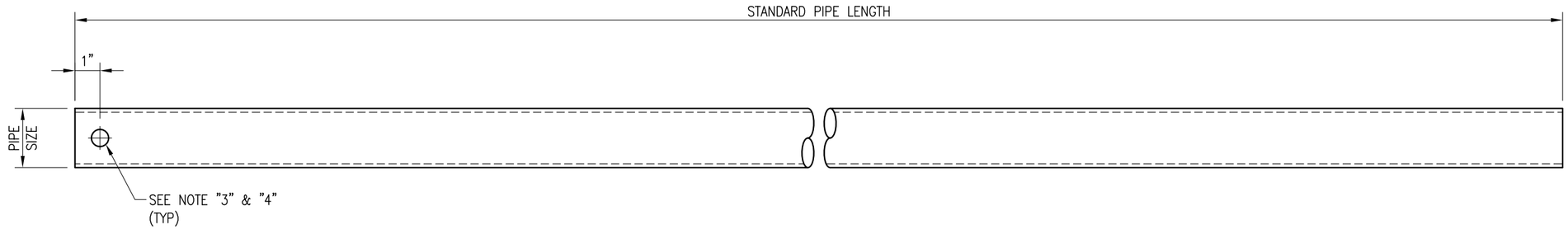
DRAWN BY: JBM | CHECKED BY: HMA/KW

REV.	DESCRIPTION	BY	DATE
0	FIRST ISSUE	JBM	06/13/22

SHEET TITLE:
VZWSMART-MSK14
UNIVERSAL ADJUSTABLE
CROSSOVER

SHEET NUMBER: VZWSMART-MSK14

REV #: 0



VZWSMART Standard Pipe		
VZWSMART Number	Size	Length
P40-238X048	PIPE 2 SCH40 (2.375" OD x 0.154" THK)	48"
P40-238X072	PIPE 2 SCH40 (2.375" OD x 0.154" THK)	72"
P40-238X096	PIPE 2 SCH40 (2.375" OD x 0.154" THK)	96"
P40-238X120	PIPE 2 SCH40 (2.375" OD x 0.154" THK)	120"
P40-238X126	PIPE 2 SCH40 (2.375" OD x 0.154" THK)	126"
P40-238X150	PIPE 2 SCH40 (2.375" OD x 0.154" THK)	150"
P40-238X174	PIPE 2 SCH40 (2.375" OD x 0.154" THK)	174"
P40-278X048	PIPE 2.5 SCH40 (2.875" OD x 0.203" THK)	48"
P40-278X072	PIPE 2.5 SCH40 (2.875" OD x 0.203" THK)	72"
P40-278X096	PIPE 2.5 SCH40 (2.875" OD x 0.203" THK)	96"
P40-278X120	PIPE 2.5 SCH40 (2.875" OD x 0.203" THK)	120"
P40-278X126	PIPE 2.5 SCH40 (2.875" OD x 0.203" THK)	126"
P40-278X150	PIPE 2.5 SCH40 (2.875" OD x 0.203" THK)	150"
P40-278X174	PIPE 2.5 SCH40 (2.875" OD x 0.203" THK)	174"
P40-312X048	PIPE 3 SCH40 (3.5" OD x 0.216" THK)	48"
P40-312X072	PIPE 3 SCH40 (3.5" OD x 0.216" THK)	72"
P40-312X126	PIPE 3 SCH40 (3.5" OD x 0.216" THK)	126"
P40-312X150	PIPE 3 SCH40 (3.5" OD x 0.216" THK)	150"
P40-312X174	PIPE 3 SCH40 (3.5" OD x 0.216" THK)	174"

NOTE:
APPROVED SMART KIT VENDORS ARE ALLOWED TO SUBSTITUTE AT THEIR DISCRETION PIPES LISTED ON THIS PAGE FOR CUSTOM LENGTH COMPONENTS OF MATCHING SIZE. SUBSTITUTIONS SHALL MEET THE ORIGINAL STRUCTURAL INTENT.

NOTES:
1. ALL PIPE GRADE A53-B OR BETTER.
2. HOT-DIPPED GALVANIZED PER ASTM A123.
3. ALL HOLES ARE 11/16" DIA. U.N.O
4. HOLES MAY OR MAY NOT BE PRESENT, DEPEND UPON MANUFACTURE DISCRETION.
5. ALL FIELD CUT AND DRILLED SURFACES SHALL BE REPAIRED WITH A MINIMUM OF TWO COATS OF ZINGA OR ZINC COTE PER ASTM A780 AND MANUFACTURER'S RECOMMENDATIONS.

VzW SMART Tool© Vendor

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DRAWN BY: BT | CHECKED BY: HMA/KW

REV.	DESCRIPTION	BY	DATE
0	FIRST ISSUE	BT	08/04/21

SHEET TITLE:
VZWSMART STANDARD PIPE

SHEET NUMBER: VZWSMART-PIPE

REV #: 0

PV-DC-PTPC

DUALCROSS - PIPE TO PIPE CONNECTION

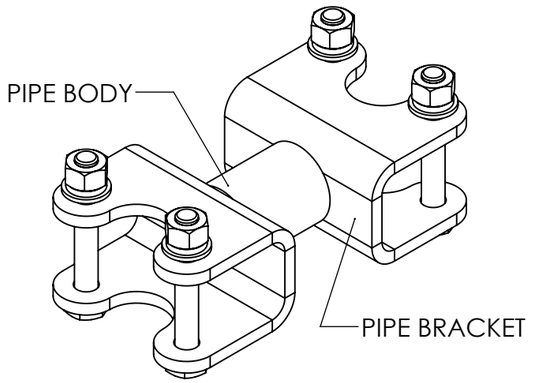
Table 1: Crossover Pipe to Pipe Connection Configurations

Part Number	Weight	Pipe to Pipe C-C	Pipe 1 Size	Pipe 2 Size	Pipe 1 Bolt Size	Pipe 2 Bolt Size
	lbs	*in*	*in*	*in*	*in*	*in*
PV-DC-PTPC-2020-6	13	6	∅2.375	∅2.375	∅5/8 x 4-1/2	∅5/8 x 4-1/2
PV-DC-PTPC-2020-12	14.8	12	∅2.375	∅2.375	∅5/8 x 4-1/2	∅5/8 x 4-1/2
PV-DC-PTPC-2020-24	18.5	24	∅2.375	∅2.375	∅5/8 x 4-1/2	∅5/8 x 4-1/2
PV-DC-PTPC-2025-6	13.8	6	∅2.375	∅2.875	∅5/8 x 4-1/2	∅5/8 x 5
PV-DC-PTPC-2025-12	15.7	12	∅2.375	∅2.875	∅5/8 x 4-1/2	∅5/8 x 5
PV-DC-PTPC-2025-24	19.3	24	∅2.375	∅2.875	∅5/8 x 4-1/2	∅5/8 x 5
PV-DC-PTPC-2030-6	15	6	∅2.375	∅3.5	∅5/8 x 4-1/2	∅5/8 x 5-1/2
PV-DC-PTPC-2030-12	19.1	12	∅2.375	∅3.5	∅5/8 x 4-1/2	∅5/8 x 5-1/2
PV-DC-PTPC-2030-24	20.4	24	∅2.375	∅3.5	∅5/8 x 4-1/2	∅5/8 x 5-1/2
PV-DC-PTPC-2525-6	15.2	6	∅2.875	∅2.875	∅5/8 x 5	∅5/8 x 5
PV-DC-PTPC-2525-12	18	12	∅2.875	∅2.875	∅5/8 x 5	∅5/8 x 5
PV-DC-PTPC-2525-24	23.9	24	∅2.875	∅2.875	∅5/8 x 5	∅5/8 x 5
PV-DC-PTPC-2530-6	16.2	6	∅2.875	∅3.5	∅5/8 x 5	∅5/8 x 5-1/2
PV-DC-PTPC-2530-12	19.1	12	∅2.875	∅3.5	∅5/8 x 5	∅5/8 x 5-1/2
PV-DC-PTPC-2530-24	25	24	∅2.875	∅3.5	∅5/8 x 5	∅5/8 x 5-1/2
PV-DC-PTPC-3030-6	17.5	6	∅3.5	∅3.5	∅5/8 x 5-1/2	∅5/8 x 5-1/2
PV-DC-PTPC-3030-12	21.3	12	∅3.5	∅3.5	∅5/8 x 5-1/2	∅5/8 x 5-1/2
PV-DC-PTPC-3030-24	28.9	24	∅3.5	∅3.5	∅5/8 x 5-1/2	∅5/8 x 5-1/2
PV-DC-PTPC-3040-6	19.1	6	∅3.5	∅4.5	∅5/8 x 5-1/2	∅5/8 x 6-1/2
PV-DC-PTPC-3040-12	23	12	∅3.5	∅4.5	∅5/8 x 5-1/2	∅5/8 x 6-1/2
PV-DC-PTPC-3040-24	30.5	24	∅3.5	∅4.5	∅5/8 x 5-1/2	∅5/8 x 6-1/2

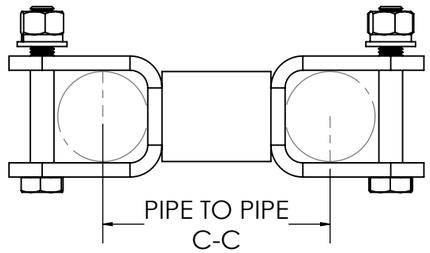
NOTE: 'PIPE BODY' DIAMETER IS ALWAYS EQUIVALENT TO 'PIPE 1' DIAMETER SIZE

NOTES:

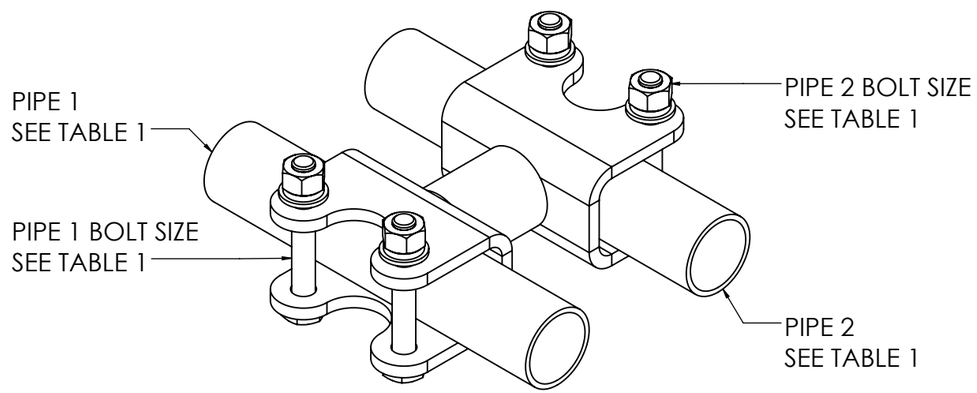
- INSTALLATION REQUIREMENTS:
  - MINIMUM BOLT TORQUE: 100 FT-LBS
  - CLEAN, DRY ASSEMBLY
  - GALVANIZED WELDMENT AND HARDWARE
  - COLORED WAX COATING ON NUTS
- MATERIALS
  - PIPE BRACKET: A36 HDG
  - PIPE BODY: A500 GR. C
  - HARDWARE: A325 HDG BOLT, A563DH NUT



PV-DC-PTPC
DUALCROSS - PIPE TO PIPE CONNECTION



PV-DC-PTPC
SIDE VIEW



SHEET 1 OF 2	THIRD ANGLE PROJECTION	CATEGORY	06_Pipe and Attachment Hardware	4			PERFECTVISION®
		SERIES	01_Crossovers	3			
12/30/2020	SCALE 1:4	TYPE	PV-DC-PTPC_Pipe to Pipe connection	2			
DIMENSIONS ARE IN INCHES TOLERANCES U.N.O. HOLES: +1/16", -1/32" ANGULAR: PROFILE ±1/4°, BEND ±2° ALL OTHERS: ±1/16"		BY	INT	1			DUALCROSS - PIPE TO PIPE CONNECTION
		CHECKED		0	INITIAL RELEASE	3/30/20	DOCUMENT NUMBER: PTPC-ENG-01-R0 REV: 0
		STATUS	APPROVED	REV	DESCRIPTION	DATE	

C:\PVMSfleet\Catalog\SW Working Files\Engineering Details\

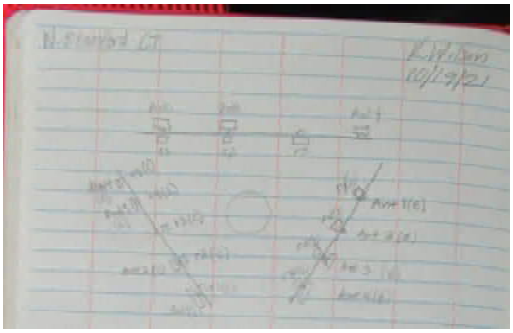

10/19/2021 11:48

V4.0 Updated on 3-31-2021

Antenna Mount Mapping Form (PATENT PENDING)

FCC #

Tower Owner:	OTHER	**Mapping Date:**	10/19/2021
Site Name:	N_STAMFORD_CT	**Tower Type:**	Self Support
Site Number or ID:	16045709	**Tower Height (Ft.):**	170
Mapping Contractor:	Structural Components	**Mount Elevation (Ft.):**	144



Mount Pipe Configuration and Geometries [Unit = Inches]

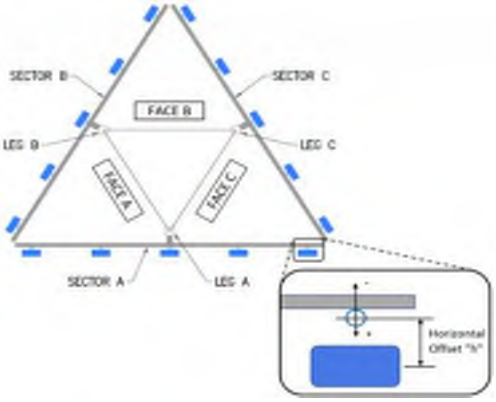
Sector / Position	Mount Pipe Size & Length	Vertical Offset Dimension "u"	Horizontal Offset "C1, C2, C3, etc."	Sector / Position	Mount Pipe Size & Length	Vertical Offset Dimension "u"	Horizontal Offset "C1, C2, C3, etc."
A1	2.375 x .154 x 80	53.00	11.00	C1	2.375 x .154 x 80	53.00	11.00
A2	2.375 x .154 x 80	53.00	73.00	C2	2.375 x .154 x 80	53.00	72.00
A3	2.375 x .154 x 80	53.00	115.75	C3	2.375 x .154 x 80	53.00	99.50
A4	2.375 x .154 x 80	53.00	132.75	C4	2.375 x .154 x 80	53.00	117.00
A5				C5	2.375 x .154 x 80	53.00	135.00
A6				C6			
B1	2.375 x .154 x 80	53.00	11.00	D1			
B2	2.375 x .154 x 80	53.00	72.50	D2			
B3	2.375 x .154 x 80	53.00	116.25	D3			
B4	2.375 x .154 x 80	53.00	134.25	D4			
B5				D5			
B6				D6			

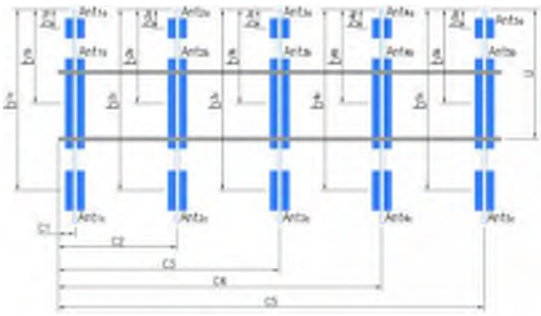
Distance between bottom rail and mount CL elevation (dim d). Unit is inches. See 'Mount Elev Ref' tab for details. :	
Distance from top of bottom support rail to lowest tip of ant./eqpt. of Carrier above. (N/A if > 10 ft.) :	30
Distance from top of bottom support rail to highest tip of ant./eqpt. of Carrier below. (N/A if > 10 ft.) :	75

Please enter additional infomation or comments below.

ATT has equipment in VZW space mounted to pole, very crowded

Tower Face Width at Mount Elev. (ft.):		Tower Leg Size or Pole Shaft Diameter at Mount Elev. (in.):	21.496815
For T-Arms/Platforms on monopoles, report the weld size from the main standoff to the plate bolting into the collar mount.			0.375



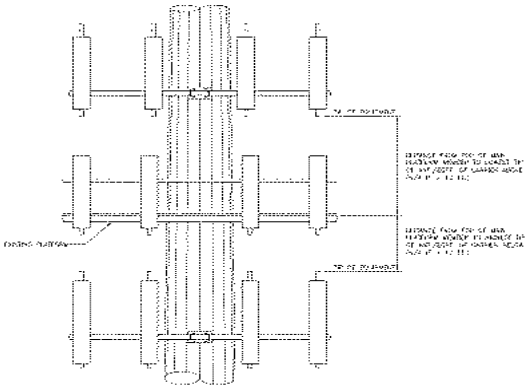


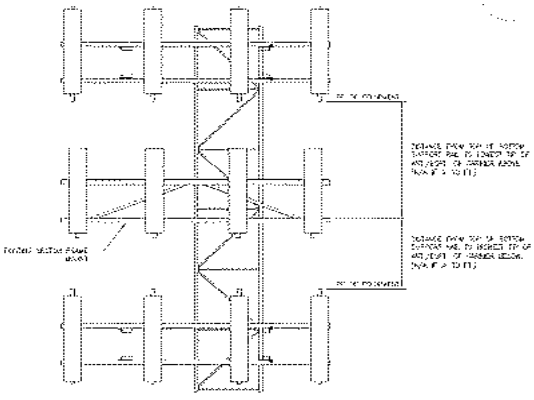
Antenna Layout (Looking Out From Tower)

Ants. Items	Enter antenna model. If not labeled, enter "Unknown". Antenna Models if Known	Width (in.)	Depth (in.)	Height (in.)	Coax Size and Qty	Antenna Center-line (Ft.)	Mounting Locations [Units are inches and degrees] Vertical Distances"b_{1a}, b_{2a}, b_{3a}, b_{1b}...." (Inches)	Horiz. Offset "h" (Use "-" if Ant. is behind)	Antenna Azimuth (Degrees)	Photos of antennas Photo Numbers
Sector A										
Ant_{1a}										
Ant_{1b}	SBNHH-1D65B	12.00	7.50	73.00		145.417	36.00	9.50	30.00	4
Ant_{1c}	B4RRH2x60-4R	10.00	5.00	36.00		147.583	10.00	-3.50		24
Ant_{2a}										
Ant_{2b}	SBNHH-1D65B	12.00	7.50	73.00		145.917	30.00	9.50	30.00	4
Ant_{2c}	B13RRH4x30	12.00	7.00	20.00		146.083	28.00	-6.50		68
Ant_{3a}										
Ant_{3b}										
Ant_{3c}	B25RRH4x30	12.00	8.00	21.00		146.917	18.00	-7.00	30.00	65
Ant_{4a}										
Ant_{4b}	AMPHENOL	8.00	5.00	71.00		145.75	32.00	8.50	30.00	4
Ant_{4c}										
Ant_{5a}										
Ant_{5b}										
Ant_{5c}										
Ant on Standoff										
Ant on Standoff										
Ant on Tower	RRFDC-3315-PF-48	14.00	9.00	19.00	1 1/2" hyl	146				162
Ant on Tower										

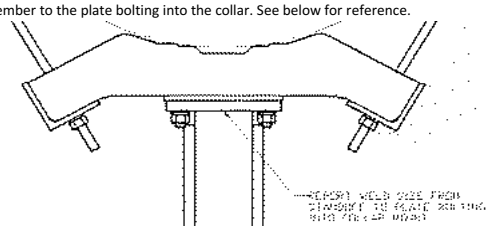
Mount Azimuth (Degree) for Each Sector			Tower Leg Azimuth (Degree) for Each Sector		
Sector A:	30.00	Deg	Leg A:		Deg
Sector B:	150.00	Deg	Leg B:		Deg
Sector C:	270.00	Deg	Leg C:		Deg
Sector D:		Deg	Leg D:		Deg

Climbing Facility Information		
Location:	Deg	N/A
Climbing Facility	Corrosion Type:	Good condition.
	Access:	Climbing path was obstructed.
	Condition:	Loose hardware.





For T-Arms/Platforms on monopoles, record the weld size from the main standoff member to the plate bolting into the collar. See below for reference.



Sector B										
Ant_{1a}										
Ant_{1b}	SBNHH-1D45B	18.00	7.00	72.00		145.417	36.00	9.00	150.00	71
Ant_{1c}	B4RRH2x60-4R	10.00	5.00	36.00		146.083	28.00	-9.50		71
Ant_{2a}										
Ant_{2b}	SBNHH-1D45B	18.00	7.00	72.00		145.833	31.00	9.00	150.00	72
Ant_{2c}	B25RRH4x30	12.00	8.00	21.00		146.083	28.00	-9.50		72
Ant_{3a}										
Ant_{3b}	AMPHENOL	8.00	5.00	71.00		145.458	35.50	8.50	150.00	73
Ant_{3c}	B25RRH4x30	12.00	8.00	21.00		146.917	18.00	-7.00		73
Ant_{4a}										
Ant_{4b}	SBNHH-1D45B	18.00	7.00	72.00		145.833	31.00	13.50	210.00	75
Ant_{4c}	B4RRH2x60-4R	10.00	5.00	36.00		145.667	33.00	-11.50		75
Ant_{5a}										
Ant_{5b}										
Ant_{5c}										
Ant on Standoff										
Ant on Standoff										
Ant on Tower	RRFDC-3315-PF-48	14.00	9.00	19.00	1 1/2" hyl	146				
Ant on Tower										
Sector C										
Ant_{1a}										
Ant_{1b}	SBNHH-1D45B	18.00	7.00	72.00		145.833	31.00	13.50	210.00	75
Ant_{1c}	B13RRH4x30	12.00	7.00	20.00		146.083	28.00	-11.50		75
Ant_{2a}										
Ant_{2b}	BXA-70063-6CF-EDIN-	11.00	6.00	71.00		145.833	31.00	9.50	240.00	10
Ant_{2c}	B25RRH4x30	12.00	8.00	21.00		146.917	18.00	-7.00		112
Ant_{3a}										
Ant_{3b}										
Ant_{3c}	B13RRH4x30	12.00	7.00	20.00		146.917	18.00	-7.00		119
Ant_{4a}										
Ant_{4b}	SBNHH-1D45B	12.00	7.50	73.00		145.833	31.00	13.50	270.00	10
Ant_{4c}	B4RRH2x60-4R	10.00	5.00	36.00		145.667	33.00	-11.50		155
Ant_{5a}										
Ant_{5b}	SBNHH-1D45B	12.00	7.50	73.00		145.917	30.00	9.00	270.00	10
Ant_{5c}	B25RRH4x30	12.00	8.00	21.00		146.083	28.00	-9.50		136
Ant on Standoff										
Ant on Standoff										
Ant on Tower										
Ant on Tower										
Sector D										
Ant_{1a}										
Ant_{1b}										
Ant_{1c}										
Ant_{2a}										
Ant_{2b}										
Ant_{2c}										
Ant_{3a}										
Ant_{3b}										
Ant_{3c}										
Ant_{4a}										
Ant_{4b}										
Ant_{4c}										
Ant_{5a}										
Ant_{5b}										
Ant_{5c}										
Ant on Standoff										
Ant on Standoff										
Ant on Tower										
Ant on Tower										

Observed Safety and Structural Issues During the Mount Mapping		
Issue #	Description of Issue	Photo #
1	missing antena pipe hardware, Pipe connections to mount missing 1 bolt	269
2	loose hardware	268
3	ATT radios and Surge at same elevation as VZW Surge, in standing space above VZW mount.	174 - 176
4		
5		
6		
7		
8		

Observed Obstructions to Tower Lighting System					
If the tower lighting system is being obstructed by the carrier's equipment (for example: a light nested by the antennas), please provide photos and fill in the information below.					Photo #
Description of Obstruction:					
Type of Light:		Photo #		Additional Comments:	
Lighting Technology:		Photo #			
Elevation (AGL) at base of light (Ft.):		Photo #			
Is a service loop available?		Photo #			
Is beacon installed on an extension?		Photo #			

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

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

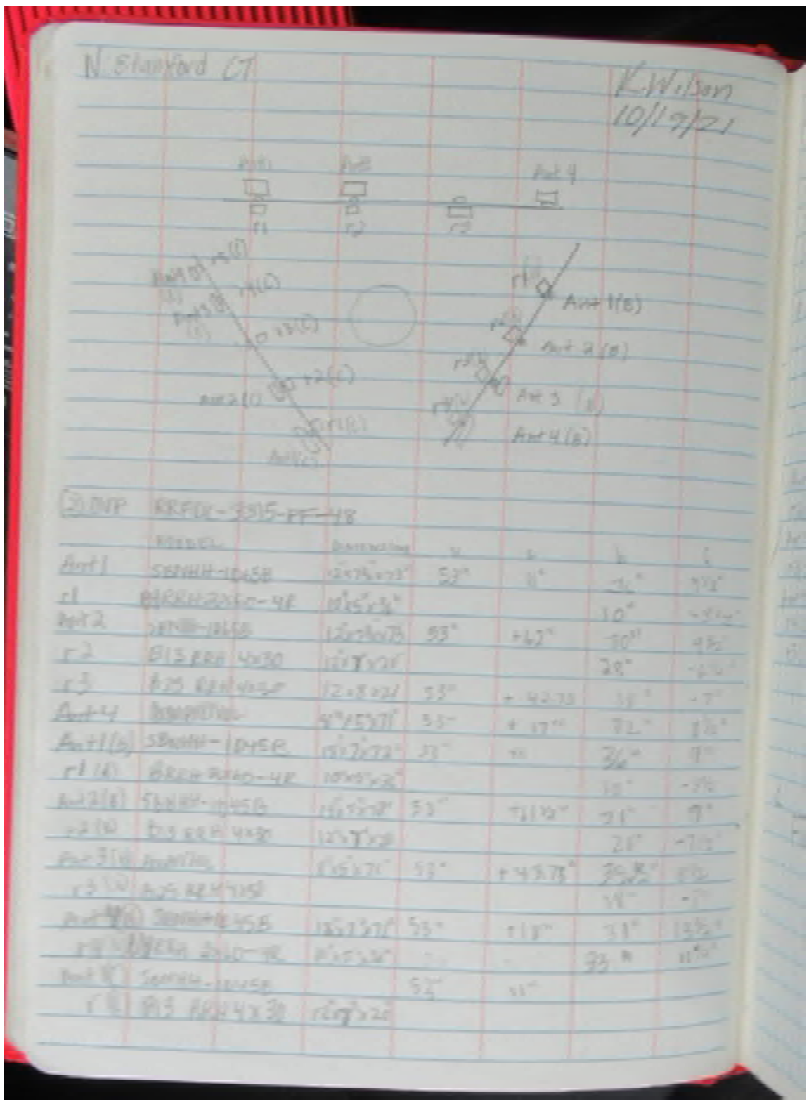
V4.0 Updated on 3-31-2021

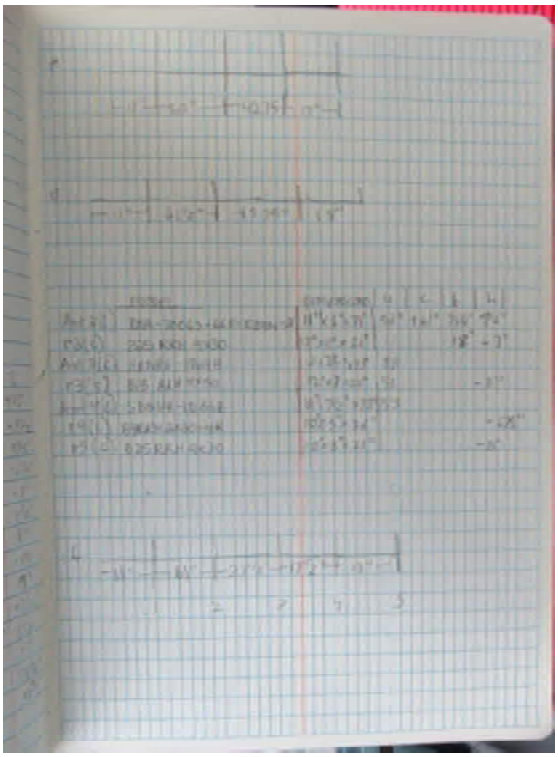
Antenna Mount Mapping Form (PATENT PENDING)

FCC #

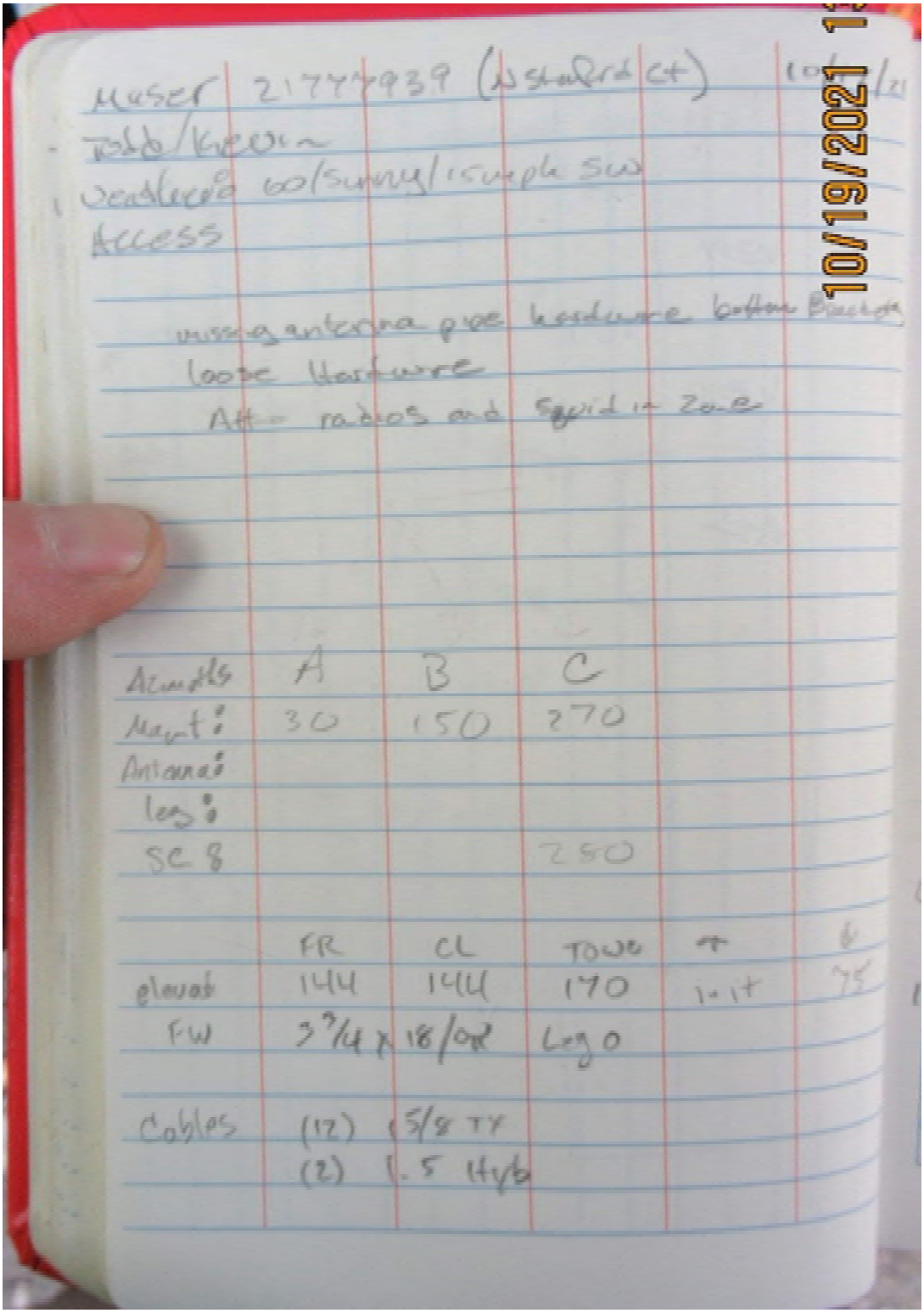
Tower Owner:	OTHER	**Mapping Date:**	10/19/2021
Site Name:	N_STAMFORD_CT	**Tower Type:**	Self Support
Site Number or ID:	16045709	**Tower Height (Ft.):**	170
Mapping Contractor:	Structural Components	**Mount Elevation (Ft.):**	144

Please Insert Sketches of the Antenna Mount

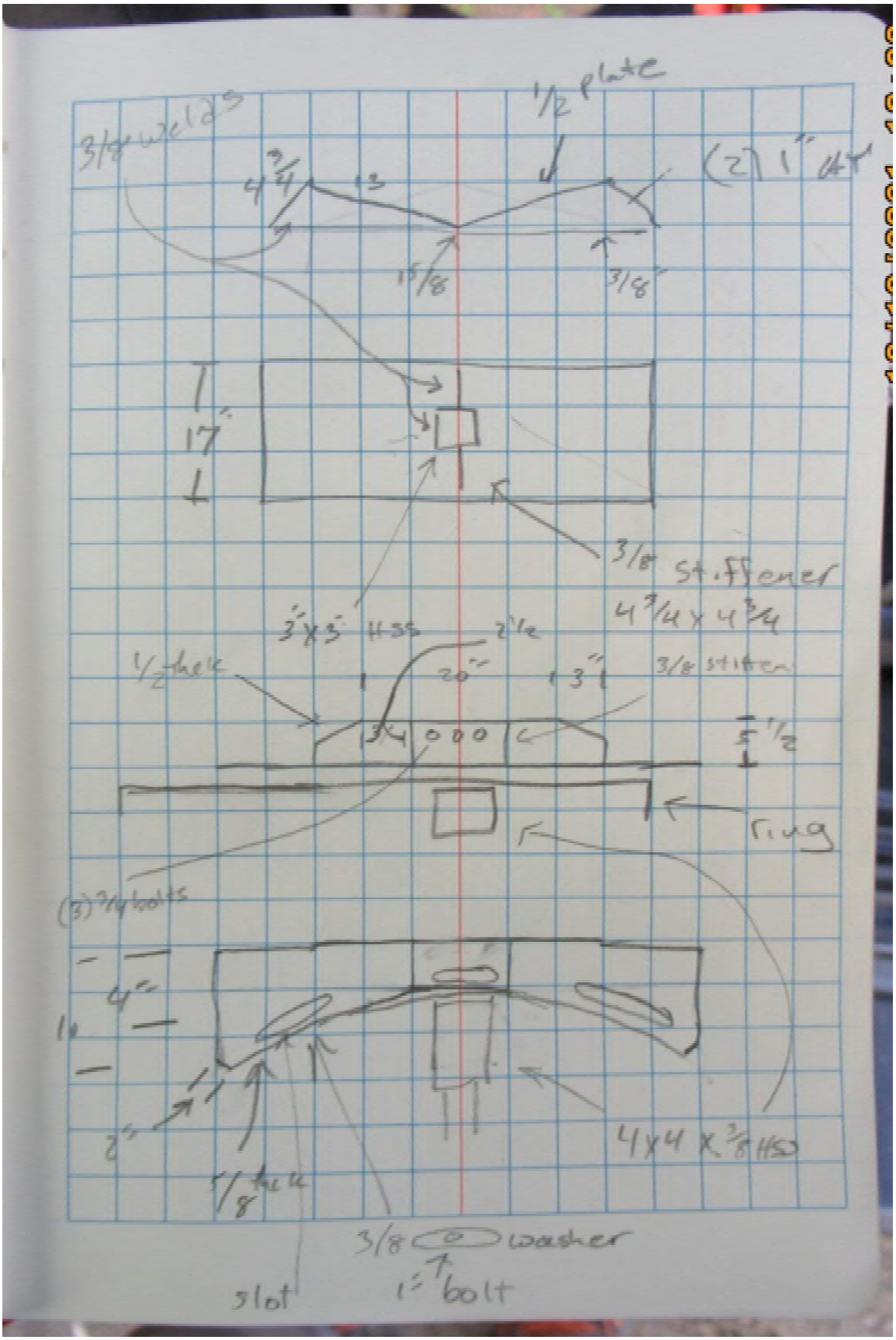




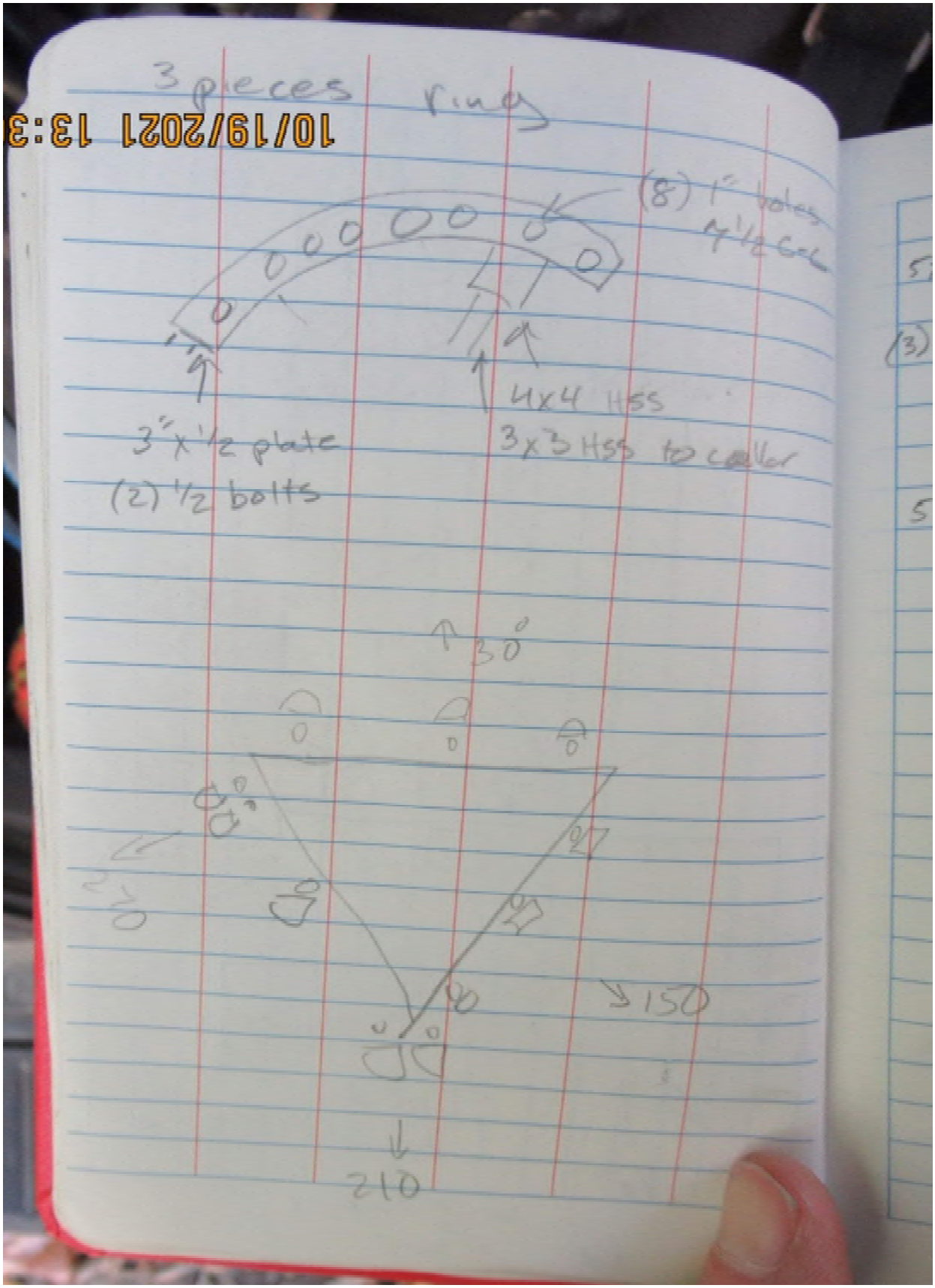
Please Insert Sketches of the Antenna Mount, cont'd



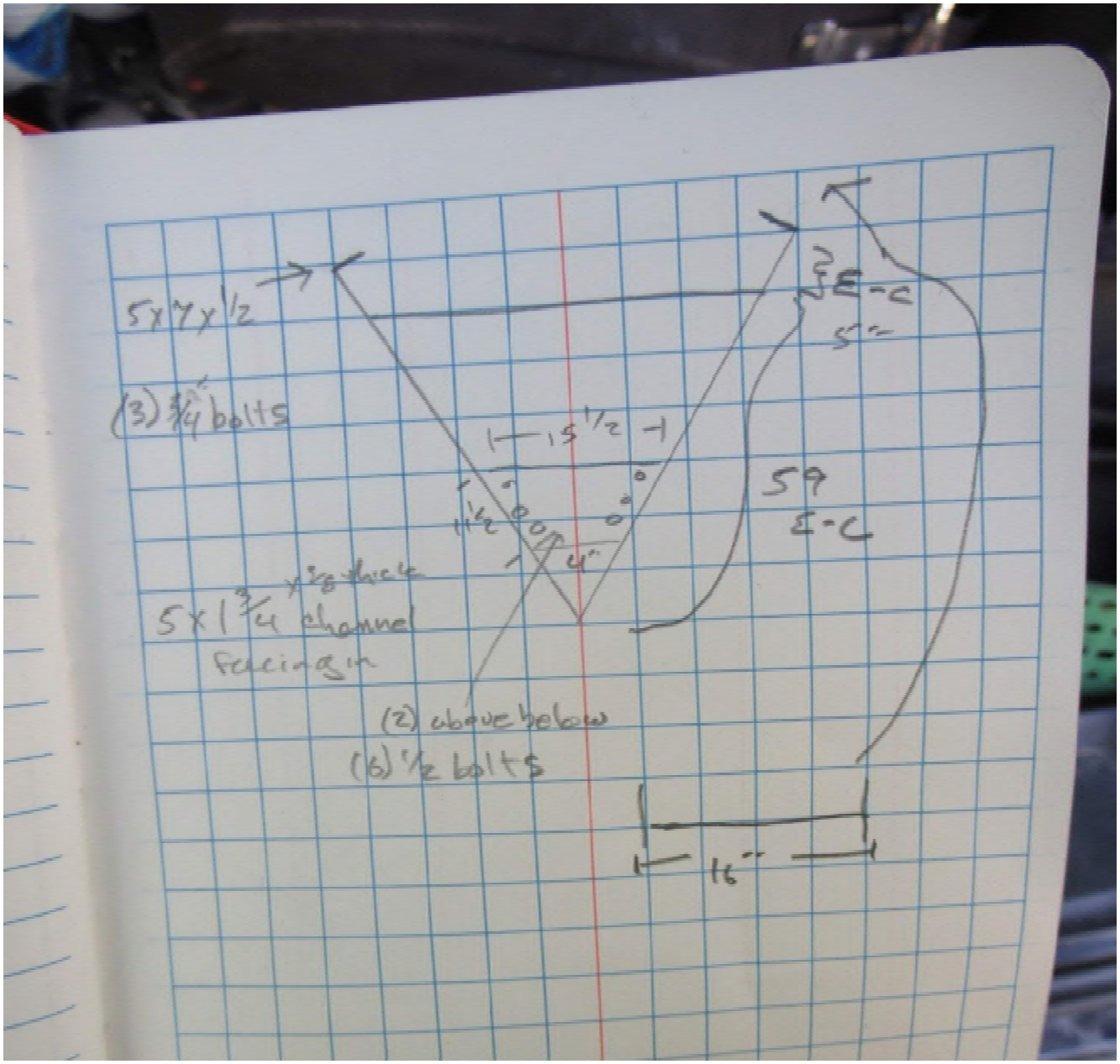
Please Insert Sketches of the Antenna Mount, cont'd

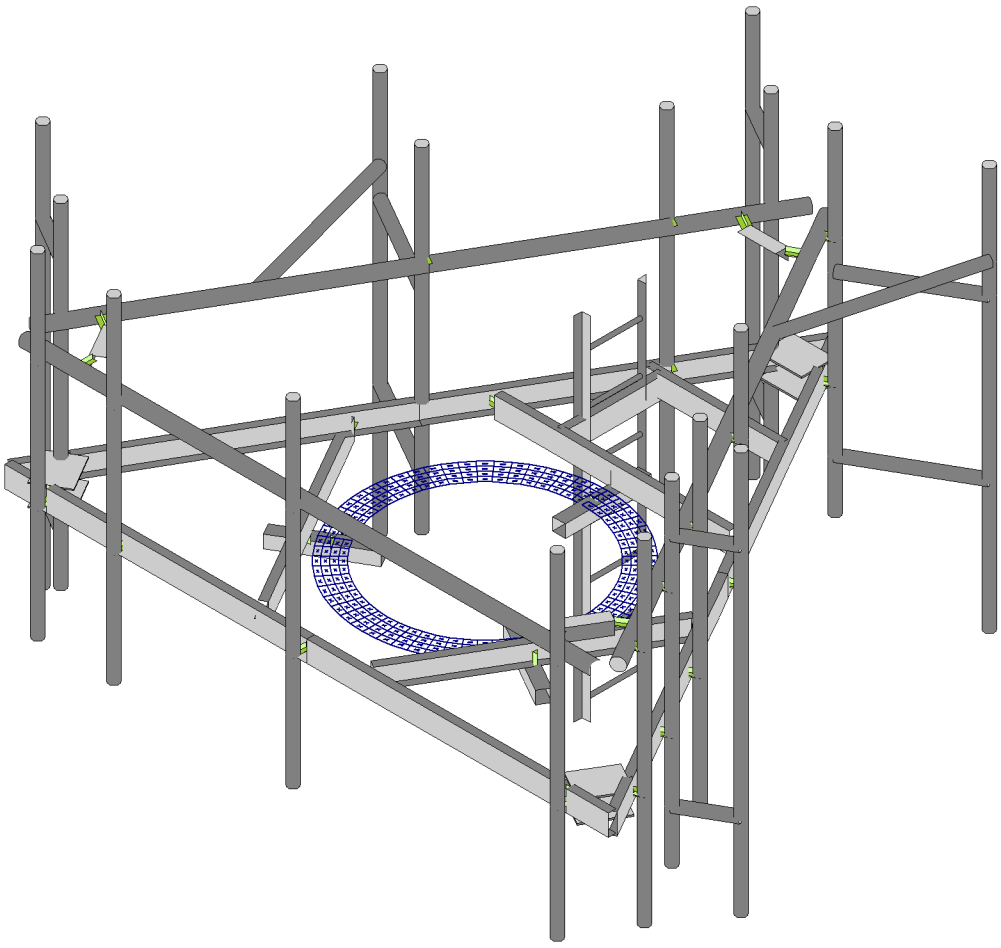


Please Insert Sketches of the Antenna Mount, cont'd



Please Insert Sketches of the Antenna Mount, cont'd





Envelope Only Solution

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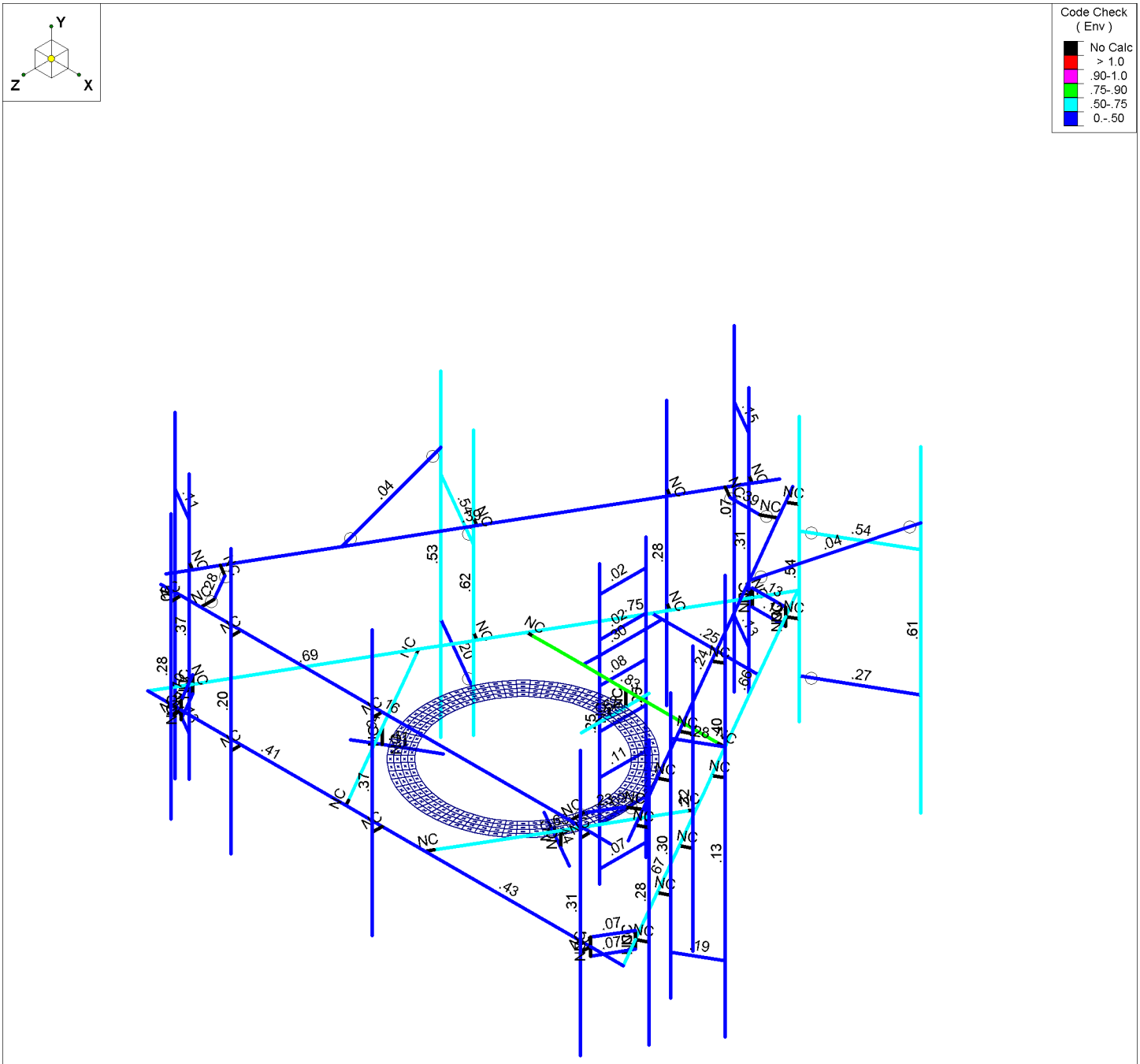

Member Code Checks Displayed (Enveloped)
Envelope Only Solution

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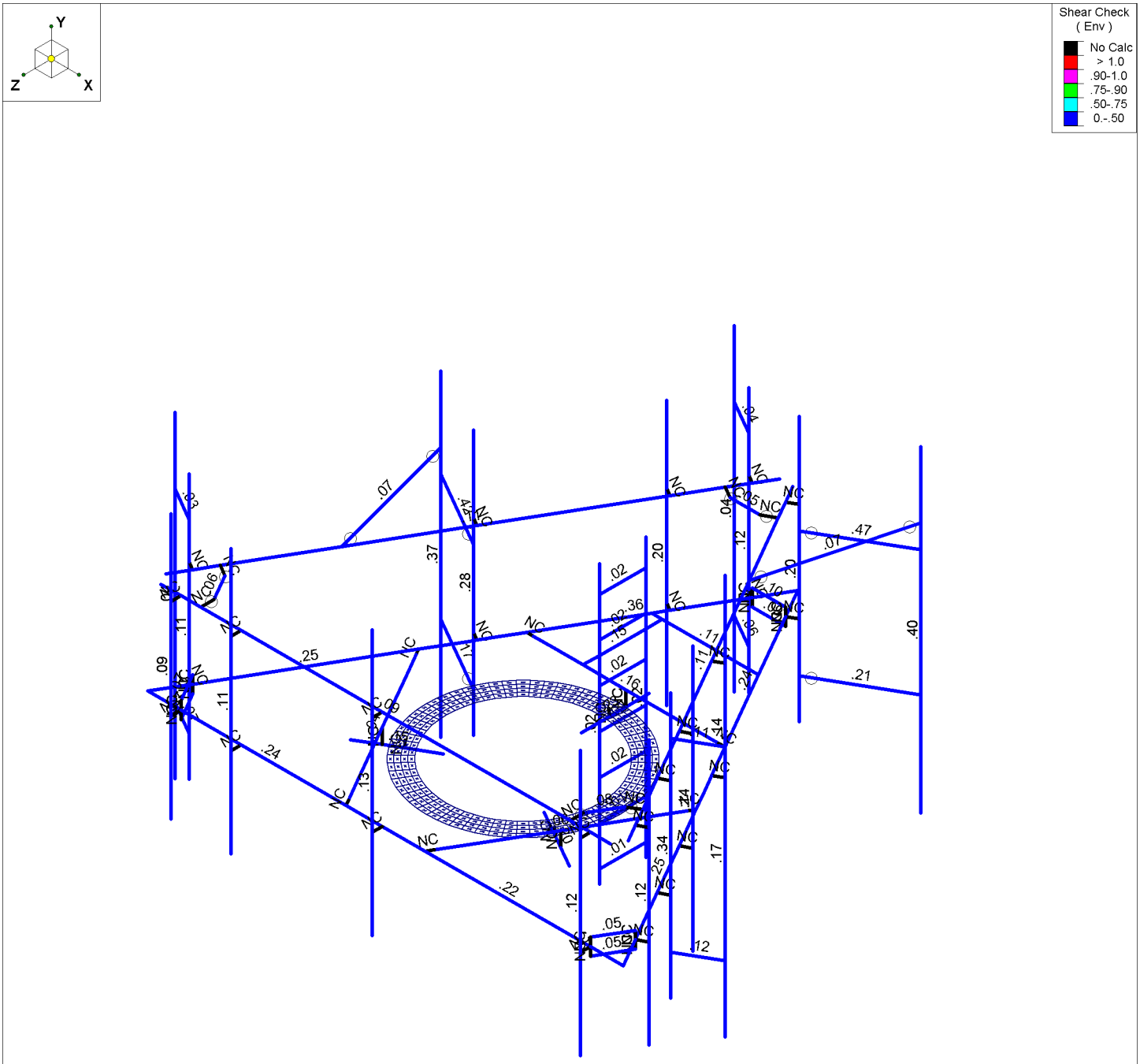

Member Shear Checks Displayed (Enveloped)
Envelope Only Solution

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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 De...	None					120			
32	Antenna Wm (150 De...	None					120			
33	Antenna Wm (180 De...	None					120			
34	Antenna Wm (210 De...	None					120			
35	Antenna Wm (240 De...	None					120			
36	Antenna Wm (270 De...	None					120			
37	Antenna Wm (300 De...	None					120			
38	Antenna Wm (330 De...	None					120			
39	Structure D	None		-1					7	
40	Structure Di	None						65	7	
41	Structure Wo (0 Deg)	None						130		
42	Structure Wo (30 Deg)	None						130		
43	Structure Wo (60 Deg)	None						130		
44	Structure Wo (90 Deg)	None						130		
45	Structure Wo (120 D...	None						130		
46	Structure Wo (150 D...	None						130		
47	Structure Wo (180 D...	None						130		
48	Structure Wo (210 D...	None						130		

Basic Load Cases (Continued)

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed	Area(Me...	Surface(P...
49	Structure Wo (240 D...	None						130		
50	Structure Wo (270 D...	None						130		
51	Structure Wo (300 D...	None						130		
52	Structure Wo (330 D...	None						130		
53	Structure Wi (0 Deg)	None						130		
54	Structure Wi (30 Deg)	None						130		
55	Structure Wi (60 Deg)	None						130		
56	Structure Wi (90 Deg)	None						130		
57	Structure Wi (120 De...	None						130		
58	Structure Wi (150 De...	None						130		
59	Structure Wi (180 De...	None						130		
60	Structure Wi (210 De...	None						130		
61	Structure Wi (240 De...	None						130		
62	Structure Wi (270 De...	None						130		
63	Structure Wi (300 De...	None						130		
64	Structure Wi (330 De...	None						130		
65	Structure Wm (0 Deg)	None						130		
66	Structure Wm (30 D...	None						130		
67	Structure Wm (60 D...	None						130		
68	Structure Wm (90 D...	None						130		
69	Structure Wm (120 ...	None						130		
70	Structure Wm (150 ...	None						130		
71	Structure Wm (180 ...	None						130		
72	Structure Wm (210 ...	None						130		
73	Structure Wm (240 ...	None						130		
74	Structure Wm (270 ...	None						130		
75	Structure Wm (300 ...	None						130		
76	Structure Wm (330 ...	None						130		
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							7	
85	Structure Eh (0 Deg)	ELZ			-.03				7	
86	Structure Eh (90 Deg)	ELX	.03						7	
87	BLC 39 Transient Are...	None						117		
88	BLC 40 Transient Are...	None						117		
89	BLC 84 Transient Are...	None								
90	BLC 85 Transient Are...	None						117		
91	BLC 86 Transient Are...	None						117		

Load Combinations

	Description	So...	PDelta	S...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...
1	1.2D+1.0...	Yes	Y		1	1.2	39	1.2	3	1	41	1												
2	1.2D+1.0...	Yes	Y		1	1.2	39	1.2	4	1	42	1												
3	1.2D+1.0...	Yes	Y		1	1.2	39	1.2	5	1	43	1												
4	1.2D+1.0...	Yes	Y		1	1.2	39	1.2	6	1	44	1												

Load Combinations (Continued)

	Description	So...	PDelta	S...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...
5	1.2D+1.0...	Yes	Y		1	1.2	39	1.2	7	1	45	1												
6	1.2D+1.0...	Yes	Y		1	1.2	39	1.2	8	1	46	1												
7	1.2D+1.0...	Yes	Y		1	1.2	39	1.2	9	1	47	1												
8	1.2D+1.0...	Yes	Y		1	1.2	39	1.2	10	1	48	1												
9	1.2D+1.0...	Yes	Y		1	1.2	39	1.2	11	1	49	1												
10	1.2D+1.0...	Yes	Y		1	1.2	39	1.2	12	1	50	1												
11	1.2D+1.0...	Yes	Y		1	1.2	39	1.2	13	1	51	1												
12	1.2D+1.0...	Yes	Y		1	1.2	39	1.2	14	1	52	1												
13	1.2D + 1....	Yes	Y		1	1.2	39	1.2	2	1	40	1	15	1	53	1								
14	1.2D + 1....	Yes	Y		1	1.2	39	1.2	2	1	40	1	16	1	54	1								
15	1.2D + 1....	Yes	Y		1	1.2	39	1.2	2	1	40	1	17	1	55	1								
16	1.2D + 1....	Yes	Y		1	1.2	39	1.2	2	1	40	1	18	1	56	1								
17	1.2D + 1....	Yes	Y		1	1.2	39	1.2	2	1	40	1	19	1	57	1								
18	1.2D + 1....	Yes	Y		1	1.2	39	1.2	2	1	40	1	20	1	58	1								
19	1.2D + 1....	Yes	Y		1	1.2	39	1.2	2	1	40	1	21	1	59	1								
20	1.2D + 1....	Yes	Y		1	1.2	39	1.2	2	1	40	1	22	1	60	1								
21	1.2D + 1....	Yes	Y		1	1.2	39	1.2	2	1	40	1	23	1	61	1								
22	1.2D + 1....	Yes	Y		1	1.2	39	1.2	2	1	40	1	24	1	62	1								
23	1.2D + 1....	Yes	Y		1	1.2	39	1.2	2	1	40	1	25	1	63	1								
24	1.2D + 1....	Yes	Y		1	1.2	39	1.2	2	1	40	1	26	1	64	1								
25	1.2D + 1....	Yes	Y		1	1.2	39	1.2	77	1.5	27	1	65	1										
26	1.2D + 1....	Yes	Y		1	1.2	39	1.2	77	1.5	28	1	66	1										
27	1.2D + 1....	Yes	Y		1	1.2	39	1.2	77	1.5	29	1	67	1										
28	1.2D + 1....	Yes	Y		1	1.2	39	1.2	77	1.5	30	1	68	1										
29	1.2D + 1....	Yes	Y		1	1.2	39	1.2	77	1.5	31	1	69	1										
30	1.2D + 1....	Yes	Y		1	1.2	39	1.2	77	1.5	32	1	70	1										
31	1.2D + 1....	Yes	Y		1	1.2	39	1.2	77	1.5	33	1	71	1										
32	1.2D + 1....	Yes	Y		1	1.2	39	1.2	77	1.5	34	1	72	1										
33	1.2D + 1....	Yes	Y		1	1.2	39	1.2	77	1.5	35	1	73	1										
34	1.2D + 1....	Yes	Y		1	1.2	39	1.2	77	1.5	36	1	74	1										
35	1.2D + 1....	Yes	Y		1	1.2	39	1.2	77	1.5	37	1	75	1										
36	1.2D + 1....	Yes	Y		1	1.2	39	1.2	77	1.5	38	1	76	1										
37	1.2D + 1....	Yes	Y		1	1.2	39	1.2	78	1.5	27	1	65	1										
38	1.2D + 1....	Yes	Y		1	1.2	39	1.2	78	1.5	28	1	66	1										
39	1.2D + 1....	Yes	Y		1	1.2	39	1.2	78	1.5	29	1	67	1										
40	1.2D + 1....	Yes	Y		1	1.2	39	1.2	78	1.5	30	1	68	1										
41	1.2D + 1....	Yes	Y		1	1.2	39	1.2	78	1.5	31	1	69	1										
42	1.2D + 1....	Yes	Y		1	1.2	39	1.2	78	1.5	32	1	70	1										
43	1.2D + 1....	Yes	Y		1	1.2	39	1.2	78	1.5	33	1	71	1										
44	1.2D + 1....	Yes	Y		1	1.2	39	1.2	78	1.5	34	1	72	1										
45	1.2D + 1....	Yes	Y		1	1.2	39	1.2	78	1.5	35	1	73	1										
46	1.2D + 1....	Yes	Y		1	1.2	39	1.2	78	1.5	36	1	74	1										
47	1.2D + 1....	Yes	Y		1	1.2	39	1.2	78	1.5	37	1	75	1										
48	1.2D + 1....	Yes	Y		1	1.2	39	1.2	78	1.5	38	1	76	1										
49	1.2D + 1....	Yes	Y		1	1.2	39	1.2	79	1.5														
50	1.2D + 1....	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....	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	1	83		ELZ	1	ELX					
53	1.2D + 1....	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	.866	83	.5	ELZ	.866	ELX	.5				
54	1.2D + 1....	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	.5	83	.866	ELZ	.5	ELX	.866				
55	1.2D + 1....	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82		83	1	ELZ		ELX	1				
56	1.2D + 1....	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	-.5	83	.866	ELZ	-.5	ELX	.866				

Load Combinations (Continued)

	Description	So...	PDelta	S...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...	BLC	Fac...
57	1.2D + 1....	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	-.866	83	.5	ELZ	-.866	ELX	.5				
58	1.2D + 1....	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	-1	83		ELZ	-1	ELX					
59	1.2D + 1....	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	-.866	83	-.5	ELZ	-.866	ELX	-.5				
60	1.2D + 1....	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	-.5	83	-.866	ELZ	-.5	ELX	-.866				
61	1.2D + 1....	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82		83	-1	ELZ		ELX	-1				
62	1.2D + 1....	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	.5	83	-.866	ELZ	.5	ELX	-.866				
63	1.2D + 1....	Yes	Y		1	1.2	39	1.2	81	1	ELY	1	82	.866	83	-.5	ELZ	.866	ELX	-.5				
64	0.9D - 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	1	83		ELZ	1	ELX					
65	0.9D - 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	.866	83	.5	ELZ	.866	ELX	.5				
66	0.9D - 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	.5	83	.866	ELZ	.5	ELX	.866				
67	0.9D - 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82		83	1	ELZ		ELX	1				
68	0.9D - 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	-.5	83	.866	ELZ	-.5	ELX	.866				
69	0.9D - 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	-.866	83	.5	ELZ	-.866	ELX	.5				
70	0.9D - 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	-1	83		ELZ	-1	ELX					
71	0.9D - 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	-.866	83	-.5	ELZ	-.866	ELX	-.5				
72	0.9D - 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	-.5	83	-.866	ELZ	-.5	ELX	-.866				
73	0.9D - 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82		83	-1	ELZ		ELX	-1				
74	0.9D - 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	.5	83	-.866	ELZ	.5	ELX	-.866				
75	0.9D - 1.0...	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	.866	83	-.5	ELZ	.866	ELX	-.5				

Joint Coordinates and Temperatures

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
1	N1	0	0	0	0	
2	N2	6.	0	3.464102	0	
3	N3	-6	0	3.464102	0	
4	N4	1	0	3.464102	0	
5	N5	-1	0	3.464102	0	
6	N6	-5.166667	0	3.464102	0	
7	N7	-5.166667	0	3.714102	0	
8	N8	-5.166667	4.416667	3.714102	0	
9	N9	-5.166667	-2.25	3.714102	0	
10	N10	-3.645833	0	3.464102	0	
11	N11	-3.645833	0	3.714102	0	
12	N12	-3.645833	4.416667	3.714102	0	
13	N13	-3.645833	-2.25	3.714102	0	
14	N14	-0.083333	0	3.464102	0	
15	N15	-0.083333	0	3.714102	0	
16	N16	-0.083333	4.416667	3.714102	0	
17	N17	-0.083333	-2.25	3.714102	0	
18	N18	5.163333	0	3.464102	0	
19	N19	5.163333	0	3.714102	0	
20	N20	5.163333	4.416667	3.714102	0	
21	N21	5.163333	-2.25	3.714102	0	
22	N22	-0.	0	-6.928203	0	
23	N24	2.5	0	-2.598076	0	
24	N25	3.5	0	-0.866025	0	
25	N44	-3.5	0	-0.866025	0	
26	N45	-2.5	0	-2.598076	0	
27	N59A	-2.333333	0	-2.598076	0	
28	N60A	2.333333	0	-2.598076	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
29	N63	-1.083333	0	3.319764	0	
30	N64	-3.416667	0	-0.721688	0	
31	N67	3.416667	0	-0.721688	0	
32	N68	1.083333	0	3.319764	0	
33	N68A	0.416667	0.208333	-6.206515	0	
34	N69	-0.416667	0.208333	-6.206515	0	
35	N67A	0.416667	0	-6.206515	0	
36	N68B	-0.416667	0	-6.206515	0	
37	N69A	0.416667	-0.208333	-6.206515	0	
38	N70	-0.416667	-0.208333	-6.206515	0	
39	N71	-5.583333	0.208333	2.742414	0	
40	N72	-5.166667	0.208333	3.464102	0	
41	N73	-5.583333	0	2.742414	0	
42	N75	-5.583333	-0.208333	2.742414	0	
43	N76	-5.166667	-0.208333	3.464102	0	
44	N77	5.166667	0.208333	3.464102	0	
45	N78	5.583333	0.208333	2.742414	0	
46	N80	5.583333	0	2.742414	0	
47	N81	5.166667	-0.208333	3.464102	0	
48	N82	5.583333	-0.208333	2.742414	0	
49	N83	-1.083333	0	-2.598076	0	
50	N84	-1.083333	0	-4.598076	0	
51	N85	1.345299	0	-4.598076	0	
52	N86	-1.345299	0	-4.598076	0	
53	N87	-1.083333	2	-3.014743	0	
54	N88	-1.083333	-5	-3.014743	0	
55	N89	-1.083333	2	-4.18141	0	
56	N90	-1.083333	-5	-4.18141	0	
57	N91	-1.083333	0	-3.014743	0	
58	N92	-1.083333	0	-4.18141	0	
59	N93	-1.083333	1.333333	-3.014743	0	
60	N94	-1.083333	1.333333	-4.18141	0	
61	N95	-1.083333	-3.666667	-3.014743	0	
62	N96	-1.083333	-3.666667	-4.18141	0	
63	N97	-1.083333	-2.666667	-3.014743	0	
64	N98	-1.083333	-2.666667	-4.18141	0	
65	N99	-1.083333	-1.666667	-3.014743	0	
66	N100	-1.083333	-1.666667	-4.18141	0	
67	N101	-1.083333	-0.666667	-3.014743	0	
68	N102	-1.083333	-0.666667	-4.18141	0	
69	N103	-1.083333	0.333333	-3.014743	0	
70	N104	-1.083333	0.333333	-4.18141	0	
71	N105	-1.083333	-4.666667	-3.014743	0	
72	N106	-1.083333	-4.666667	-4.18141	0	
73	N108	-0.	0	-2.598076	0	
74	N109	-0.	-.375	-1.473076	0	
75	N110	-0.	-.375	-3.18141	0	
76	N111	-0.	-.375	-2.598076	0	
77	N112	-0.	-.375	-2.18141	0	
78	N112A	-2.25	0	1.299038	0	
79	N113	-1.275721	-.375	0.736538	0	
80	N114	-2.755181	-.375	1.590705	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
81	N115	-2.25	-.375	1.299038	0	
82	N116	2.25	0	1.299038	0	
83	N117	1.275721	-.375	0.736538	0	
84	N118	2.755181	-.375	1.590705	0	
85	N119	2.25	-.375	1.299038	0	
86	N120	-1.889156	-.375	1.090705	0	
87	N121	1.889156	-.375	1.090705	0	
88	N122	-0.	-0.208333	-2.18141	0	
89	N123	-1.889156	-0.208333	1.090705	0	
90	N124	1.889156	-0.208333	1.090705	0	
91	N125	0.	-0.208333	1.931417	0	
92	N126	0.201888	-0.208333	1.920836	0	
93	N127	0.401564	-0.208333	1.889211	0	
94	N128	0.596841	-0.208333	1.836886	0	
95	N129	0.785578	-0.208333	1.764437	0	
96	N130	0.965708	-0.208333	1.672656	0	
97	N131	1.135258	-0.208333	1.562549	0	
98	N132	1.29237	-0.208333	1.435322	0	
99	N133	1.435322	-0.208333	1.29237	0	
100	N134	1.562549	-0.208333	1.135258	0	
101	N135	1.672656	-0.208333	0.965708	0	
102	N136	1.764437	-0.208333	0.785578	0	
103	N137	1.836886	-0.208333	0.596841	0	
104	N138	1.889211	-0.208333	0.401564	0	
105	N139	1.920836	-0.208333	0.201888	0	
106	N140	1.931417	-0.208333	-0.	0	
107	N141	1.920836	-0.208333	-0.201888	0	
108	N142	1.889211	-0.208333	-0.401564	0	
109	N143	1.836886	-0.208333	-0.596841	0	
110	N144	1.764437	-0.208333	-0.785578	0	
111	N145	1.672656	-0.208333	-0.965708	0	
112	N146	1.562549	-0.208333	-1.135258	0	
113	N147	1.435322	-0.208333	-1.29237	0	
114	N148	1.29237	-0.208333	-1.435322	0	
115	N149	1.135258	-0.208333	-1.562549	0	
116	N150	0.965708	-0.208333	-1.672656	0	
117	N151	0.785578	-0.208333	-1.764437	0	
118	N152	0.596841	-0.208333	-1.836886	0	
119	N153	0.401564	-0.208333	-1.889211	0	
120	N154	0.201888	-0.208333	-1.920836	0	
121	N155	-0.	-0.208333	-1.931417	0	
122	N156	-0.201888	-0.208333	-1.920836	0	
123	N157	-0.401564	-0.208333	-1.889211	0	
124	N158	-0.596841	-0.208333	-1.836886	0	
125	N159	-0.785578	-0.208333	-1.764437	0	
126	N160	-0.965708	-0.208333	-1.672656	0	
127	N161	-1.135258	-0.208333	-1.562549	0	
128	N162	-1.29237	-0.208333	-1.435322	0	
129	N163	-1.435322	-0.208333	-1.29237	0	
130	N164	-1.562549	-0.208333	-1.135258	0	
131	N165	-1.672656	-0.208333	-0.965708	0	
132	N166	-1.764437	-0.208333	-0.785578	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
133	N167	-1.836886	-0.208333	-0.596841	0	
134	N168	-1.889211	-0.208333	-0.401564	0	
135	N169	-1.920836	-0.208333	-0.201888	0	
136	N170	-1.931417	-0.208333	0.	0	
137	N171	-1.920836	-0.208333	0.201888	0	
138	N172	-1.889211	-0.208333	0.401564	0	
139	N173	-1.836886	-0.208333	0.596841	0	
140	N174	-1.764437	-0.208333	0.785578	0	
141	N175	-1.672656	-0.208333	0.965708	0	
142	N176	-1.562549	-0.208333	1.135258	0	
143	N177	-1.435322	-0.208333	1.29237	0	
144	N178	-1.29237	-0.208333	1.435322	0	
145	N179	-1.135258	-0.208333	1.562549	0	
146	N180	-0.965708	-0.208333	1.672656	0	
147	N181	-0.785578	-0.208333	1.764437	0	
148	N182	-0.596841	-0.208333	1.836886	0	
149	N183	-0.401564	-0.208333	1.889211	0	
150	N184	-0.201888	-0.208333	1.920836	0	
151	N186	0.	-0.208333	2.056417	0	
152	N187	0.214954	-0.208333	2.045151	0	
153	N188	0.427553	-0.208333	2.011479	0	
154	N189	0.635468	-0.208333	1.955768	0	
155	N190	0.83642	-0.208333	1.87863	0	
156	N191	1.028208	-0.208333	1.780909	0	
157	N192	1.208731	-0.208333	1.663676	0	
158	N193	1.376011	-0.208333	1.528215	0	
159	N194	1.528215	-0.208333	1.376011	0	
160	N195	1.663676	-0.208333	1.208731	0	
161	N196	1.780909	-0.208333	1.028208	0	
162	N197	1.87863	-0.208333	0.83642	0	
163	N198	1.955768	-0.208333	0.635468	0	
164	N199	2.011479	-0.208333	0.427553	0	
165	N200	2.045151	-0.208333	0.214954	0	
166	N201	2.056417	-0.208333	-0.	0	
167	N202	2.045151	-0.208333	-0.214954	0	
168	N203	2.011479	-0.208333	-0.427553	0	
169	N204	1.955768	-0.208333	-0.635468	0	
170	N205	1.87863	-0.208333	-0.83642	0	
171	N206	1.780909	-0.208333	-1.028208	0	
172	N207	1.663676	-0.208333	-1.208731	0	
173	N208	1.528215	-0.208333	-1.376011	0	
174	N209	1.376011	-0.208333	-1.528215	0	
175	N210	1.208731	-0.208333	-1.663676	0	
176	N211	1.028208	-0.208333	-1.780909	0	
177	N212	0.83642	-0.208333	-1.87863	0	
178	N213	0.635468	-0.208333	-1.955768	0	
179	N214	0.427553	-0.208333	-2.011479	0	
180	N215	0.214954	-0.208333	-2.045151	0	
181	N216	-0.	-0.208333	-2.056417	0	
182	N217	-0.214954	-0.208333	-2.045151	0	
183	N218	-0.427553	-0.208333	-2.011479	0	
184	N219	-0.635468	-0.208333	-1.955768	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
185	N220	-0.83642	-0.208333	-1.87863	0	
186	N221	-1.028208	-0.208333	-1.780909	0	
187	N222	-1.208731	-0.208333	-1.663676	0	
188	N223	-1.376011	-0.208333	-1.528215	0	
189	N224	-1.528215	-0.208333	-1.376011	0	
190	N225	-1.663676	-0.208333	-1.208731	0	
191	N226	-1.780909	-0.208333	-1.028208	0	
192	N227	-1.87863	-0.208333	-0.83642	0	
193	N228	-1.955768	-0.208333	-0.635468	0	
194	N229	-2.011479	-0.208333	-0.427553	0	
195	N230	-2.045151	-0.208333	-0.214954	0	
196	N231	-2.056417	-0.208333	0.	0	
197	N232	-2.045151	-0.208333	0.214954	0	
198	N233	-2.011479	-0.208333	0.427553	0	
199	N234	-1.955768	-0.208333	0.635468	0	
200	N235	-1.87863	-0.208333	0.83642	0	
201	N236	-1.780909	-0.208333	1.028208	0	
202	N237	-1.663676	-0.208333	1.208731	0	
203	N238	-1.528215	-0.208333	1.376011	0	
204	N239	-1.376011	-0.208333	1.528215	0	
205	N240	-1.208731	-0.208333	1.663676	0	
206	N241	-1.028208	-0.208333	1.780909	0	
207	N242	-0.83642	-0.208333	1.87863	0	
208	N243	-0.635468	-0.208333	1.955768	0	
209	N244	-0.427553	-0.208333	2.011479	0	
210	N245	-0.214954	-0.208333	2.045151	0	
211	N247	0.	-0.208333	2.181417	0	
212	N248	0.22802	-0.208333	2.169467	0	
213	N249	0.453542	-0.208333	2.133747	0	
214	N250	0.674095	-0.208333	2.074651	0	
215	N251	0.887262	-0.208333	1.992823	0	
216	N252	1.090708	-0.208333	1.889162	0	
217	N253	1.282205	-0.208333	1.764803	0	
218	N254	1.459653	-0.208333	1.621109	0	
219	N255	1.621109	-0.208333	1.459653	0	
220	N256	1.764803	-0.208333	1.282205	0	
221	N258	1.992823	-0.208333	0.887262	0	
222	N259	2.074651	-0.208333	0.674095	0	
223	N260	2.133747	-0.208333	0.453542	0	
224	N261	2.169467	-0.208333	0.22802	0	
225	N262	2.181417	-0.208333	-0.	0	
226	N263	2.169467	-0.208333	-0.22802	0	
227	N264	2.133747	-0.208333	-0.453542	0	
228	N265	2.074651	-0.208333	-0.674095	0	
229	N266	1.992823	-0.208333	-0.887262	0	
230	N267	1.889162	-0.208333	-1.090708	0	
231	N268	1.764803	-0.208333	-1.282205	0	
232	N269	1.621109	-0.208333	-1.459653	0	
233	N270	1.459653	-0.208333	-1.621109	0	
234	N271	1.282205	-0.208333	-1.764803	0	
235	N272	1.090708	-0.208333	-1.889162	0	
236	N273	0.887262	-0.208333	-1.992823	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
237	N274	0.674095	-0.208333	-2.074651	0	
238	N275	0.453542	-0.208333	-2.133747	0	
239	N276	0.22802	-0.208333	-2.169467	0	
240	N278	-0.22802	-0.208333	-2.169467	0	
241	N279	-0.453542	-0.208333	-2.133747	0	
242	N280	-0.674095	-0.208333	-2.074651	0	
243	N281	-0.887262	-0.208333	-1.992823	0	
244	N282	-1.090708	-0.208333	-1.889162	0	
245	N283	-1.282205	-0.208333	-1.764803	0	
246	N284	-1.459653	-0.208333	-1.621109	0	
247	N285	-1.621109	-0.208333	-1.459653	0	
248	N286	-1.764803	-0.208333	-1.282205	0	
249	N287	-1.889162	-0.208333	-1.090708	0	
250	N288	-1.992823	-0.208333	-0.887262	0	
251	N289	-2.074651	-0.208333	-0.674095	0	
252	N290	-2.133747	-0.208333	-0.453542	0	
253	N291	-2.169467	-0.208333	-0.22802	0	
254	N292	-2.181417	-0.208333	0.	0	
255	N293	-2.169467	-0.208333	0.22802	0	
256	N294	-2.133747	-0.208333	0.453542	0	
257	N295	-2.074651	-0.208333	0.674095	0	
258	N296	-1.992823	-0.208333	0.887262	0	
259	N298	-1.764803	-0.208333	1.282205	0	
260	N299	-1.621109	-0.208333	1.459653	0	
261	N300	-1.459653	-0.208333	1.621109	0	
262	N301	-1.282205	-0.208333	1.764803	0	
263	N302	-1.090708	-0.208333	1.889162	0	
264	N303	-0.887262	-0.208333	1.992823	0	
265	N304	-0.674095	-0.208333	2.074651	0	
266	N305	-0.453542	-0.208333	2.133747	0	
267	N306	-0.22802	-0.208333	2.169467	0	
268	N308	0.	-0.208333	2.306417	0	
269	N309	0.241086	-0.208333	2.293782	0	
270	N310	0.479531	-0.208333	2.256016	0	
271	N311	0.712722	-0.208333	2.193533	0	
272	N312	0.938104	-0.208333	2.107016	0	
273	N313	1.153208	-0.208333	1.997415	0	
274	N314	1.355678	-0.208333	1.86593	0	
275	N315	1.543294	-0.208333	1.714002	0	
276	N316	1.714002	-0.208333	1.543294	0	
277	N317	1.86593	-0.208333	1.355678	0	
278	N318	1.997415	-0.208333	1.153208	0	
279	N319	2.107016	-0.208333	0.938104	0	
280	N320	2.193533	-0.208333	0.712722	0	
281	N321	2.256016	-0.208333	0.479531	0	
282	N322	2.293782	-0.208333	0.241086	0	
283	N323	2.306417	-0.208333	-0.	0	
284	N324	2.293782	-0.208333	-0.241086	0	
285	N325	2.256016	-0.208333	-0.479531	0	
286	N326	2.193533	-0.208333	-0.712722	0	
287	N327	2.107016	-0.208333	-0.938104	0	
288	N328	1.997415	-0.208333	-1.153208	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
289	N329	1.86593	-0.208333	-1.355678	0	
290	N330	1.714002	-0.208333	-1.543294	0	
291	N331	1.543294	-0.208333	-1.714002	0	
292	N332	1.355678	-0.208333	-1.86593	0	
293	N333	1.153208	-0.208333	-1.997415	0	
294	N334	0.938104	-0.208333	-2.107016	0	
295	N335	0.712722	-0.208333	-2.193533	0	
296	N336	0.479531	-0.208333	-2.256016	0	
297	N337	0.241086	-0.208333	-2.293782	0	
298	N338	-0.	-0.208333	-2.306417	0	
299	N339	-0.241086	-0.208333	-2.293782	0	
300	N340	-0.479531	-0.208333	-2.256016	0	
301	N341	-0.712722	-0.208333	-2.193533	0	
302	N342	-0.938104	-0.208333	-2.107016	0	
303	N343	-1.153208	-0.208333	-1.997415	0	
304	N344	-1.355678	-0.208333	-1.86593	0	
305	N345	-1.543294	-0.208333	-1.714002	0	
306	N346	-1.714002	-0.208333	-1.543294	0	
307	N347	-1.86593	-0.208333	-1.355678	0	
308	N348	-1.997415	-0.208333	-1.153208	0	
309	N349	-2.107016	-0.208333	-0.938104	0	
310	N350	-2.193533	-0.208333	-0.712722	0	
311	N351	-2.256016	-0.208333	-0.479531	0	
312	N352	-2.293782	-0.208333	-0.241086	0	
313	N353	-2.306417	-0.208333	0.	0	
314	N354	-2.293782	-0.208333	0.241086	0	
315	N355	-2.256016	-0.208333	0.479531	0	
316	N356	-2.193533	-0.208333	0.712722	0	
317	N357	-2.107016	-0.208333	0.938104	0	
318	N358	-1.997415	-0.208333	1.153208	0	
319	N359	-1.86593	-0.208333	1.355678	0	
320	N360	-1.714002	-0.208333	1.543294	0	
321	N361	-1.543294	-0.208333	1.714002	0	
322	N362	-1.355678	-0.208333	1.86593	0	
323	N363	-1.153208	-0.208333	1.997415	0	
324	N364	-0.938104	-0.208333	2.107016	0	
325	N365	-0.712722	-0.208333	2.193533	0	
326	N366	-0.479531	-0.208333	2.256016	0	
327	N367	-0.241086	-0.208333	2.293782	0	
328	N369	0.	-0.208333	2.431417	0	
329	N370	0.254152	-0.208333	2.418097	0	
330	N371	0.50552	-0.208333	2.378284	0	
331	N372	0.751349	-0.208333	2.312415	0	
332	N373	0.988946	-0.208333	2.22121	0	
333	N374	1.215708	-0.208333	2.105669	0	
334	N375	1.429151	-0.208333	1.967057	0	
335	N376	1.626935	-0.208333	1.806895	0	
336	N377	1.806895	-0.208333	1.626935	0	
337	N378	1.967057	-0.208333	1.429151	0	
338	N379	2.105669	-0.208333	1.215708	0	
339	N380	2.22121	-0.208333	0.988946	0	
340	N381	2.312415	-0.208333	0.751349	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
341	N382	2.378284	-0.208333	0.50552	0	
342	N383	2.418097	-0.208333	0.254152	0	
343	N384	2.431417	-0.208333	-0.	0	
344	N385	2.418097	-0.208333	-0.254152	0	
345	N386	2.378284	-0.208333	-0.50552	0	
346	N387	2.312415	-0.208333	-0.751349	0	
347	N388	2.22121	-0.208333	-0.988946	0	
348	N389	2.105669	-0.208333	-1.215708	0	
349	N390	1.967057	-0.208333	-1.429151	0	
350	N391	1.806895	-0.208333	-1.626935	0	
351	N392	1.626935	-0.208333	-1.806895	0	
352	N393	1.429151	-0.208333	-1.967057	0	
353	N394	1.215708	-0.208333	-2.105669	0	
354	N395	0.988946	-0.208333	-2.22121	0	
355	N396	0.751349	-0.208333	-2.312415	0	
356	N397	0.50552	-0.208333	-2.378284	0	
357	N398	0.254152	-0.208333	-2.418097	0	
358	N399	-0.	-0.208333	-2.431417	0	
359	N400	-0.254152	-0.208333	-2.418097	0	
360	N401	-0.50552	-0.208333	-2.378284	0	
361	N402	-0.751349	-0.208333	-2.312415	0	
362	N403	-0.988946	-0.208333	-2.22121	0	
363	N404	-1.215708	-0.208333	-2.105669	0	
364	N405	-1.429151	-0.208333	-1.967057	0	
365	N406	-1.626935	-0.208333	-1.806895	0	
366	N407	-1.806895	-0.208333	-1.626935	0	
367	N408	-1.967057	-0.208333	-1.429151	0	
368	N409	-2.105669	-0.208333	-1.215708	0	
369	N410	-2.22121	-0.208333	-0.988946	0	
370	N411	-2.312415	-0.208333	-0.751349	0	
371	N412	-2.378284	-0.208333	-0.50552	0	
372	N413	-2.418097	-0.208333	-0.254152	0	
373	N414	-2.431417	-0.208333	0.	0	
374	N415	-2.418097	-0.208333	0.254152	0	
375	N416	-2.378284	-0.208333	0.50552	0	
376	N417	-2.312415	-0.208333	0.751349	0	
377	N418	-2.22121	-0.208333	0.988946	0	
378	N419	-2.105669	-0.208333	1.215708	0	
379	N420	-1.967057	-0.208333	1.429151	0	
380	N421	-1.806895	-0.208333	1.626935	0	
381	N422	-1.626935	-0.208333	1.806895	0	
382	N423	-1.429151	-0.208333	1.967057	0	
383	N424	-1.215708	-0.208333	2.105669	0	
384	N425	-0.988946	-0.208333	2.22121	0	
385	N426	-0.751349	-0.208333	2.312415	0	
386	N427	-0.50552	-0.208333	2.378284	0	
387	N428	-0.254152	-0.208333	2.418097	0	
388	N426A	3.25	0	-1.299038	0	
389	N427A	-2.75	0	-2.165064	0	
390	N429	2.75	0	-2.165064	0	
391	N430	-3.25	0	-1.299038	0	
392	N431	-1.833333	0	-2.598076	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
393	N429A	1.833333	0	-2.598076	0	
394	N430A	-1.333333	0	2.886751	0	
395	N431A	-3.166667	0	-0.288675	0	
396	N432	3.166667	0	-0.288675	0	
397	N433	1.333333	0	2.886751	0	
398	N432A	0.	0	3.464102	0	
399	N436	3.	0	-1.732051	0	
400	N440	-3.	0	-1.732051	0	
401	N405A	5.79984	0	2.617414	0	
402	N406A	5.79984	4.416667	2.617414	0	
403	N407A	5.79984	-2.25	2.617414	0	
404	N412A	4.083333	0	0.144338	0	
405	N413A	4.29984	0	0.019338	0	
406	N414A	4.29984	4.416667	0.019338	0	
407	N415A	4.29984	-2.25	0.019338	0	
408	N417A	0.633173	0	-6.331515	0	
409	N418A	0.633173	4.416667	-6.331515	0	
410	N419A	0.633173	-2.25	-6.331515	0	
411	N422A	-0.633173	0	-6.331515	0	
412	N423A	-0.633173	4.416667	-6.331515	0	
413	N424A	-0.633173	-2.25	-6.331515	0	
414	N425A	-1.177083	0	-4.889435	0	
415	N426B	-1.39359	0	-5.014435	0	
416	N427B	-1.39359	4.416667	-5.014435	0	
417	N428A	-1.39359	-2.25	-5.014435	0	
418	N429B	-2.958333	0	-1.80422	0	
419	N430B	-3.17484	0	-1.92922	0	
420	N431B	-3.17484	4.416667	-1.92922	0	
421	N432B	-3.17484	-2.25	-1.92922	0	
422	N434	-5.79984	0	2.617414	0	
423	N435	-5.79984	4.416667	2.617414	0	
424	N436A	-5.79984	-2.25	2.617414	0	
425	N435A	4.833333	0	1.443376	0	
426	N436B	5.04984	0	1.318376	0	
427	N437	5.04984	4.416667	1.318376	0	
428	N438	5.04984	-2.25	1.318376	0	
429	N439	2.958333	0	-1.80422	0	
430	N440A	3.17484	0	-1.92922	0	
431	N441	3.17484	4.416667	-1.92922	0	
432	N442	3.17484	-2.25	-1.92922	0	
433	N443	5.04984	3.416667	1.318376	0	
434	N444	5.04984	-1.250333	1.318376	0	
435	N445	5.915865	3.416667	0.818376	0	
436	N446	5.915865	-1.250333	0.818376	0	
437	N455	5.915865	5.083333	0.818376	0	
438	N456	5.915865	-2.916667	0.818376	0	
439	N458	-5.79984	3.416667	2.617414	0	
440	N459	-5.79984	-1.250333	2.617414	0	
441	N460	-6.665865	3.416667	2.117414	0	
442	N461	-6.665865	-1.250333	2.117414	0	
443	N470	-6.665865	5.083333	2.117414	0	
444	N471	-6.665865	-2.916667	2.117414	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
445	N471A	-0.633173	3.416667	-6.331515	0	
446	N472	-0.633173	-1.250333	-6.331515	0	
447	N473	-1.499198	3.416667	-6.831515	0	
448	N474	-1.499198	-1.250333	-6.831515	0	
449	N483	-1.499198	5.083333	-6.831515	0	
450	N484	-1.499198	-2.916667	-6.831515	0	
451	N485	0.633173	1.916667	-6.331515	0	
452	N486	0.633173	-1.250033	-6.331515	0	
453	N489	2.581731	1.916667	-7.456516	0	
454	N490	2.581731	-1.250033	-7.456516	0	
455	N491	2.58173	4.166667	-7.456516	0	
456	N492	2.58173	-3.833333	-7.456516	0	
457	N508	-3.17484	1.916667	-1.92922	0	
458	N509	-3.17484	-1.250033	-1.92922	0	
459	N512	-5.123398	1.916667	-3.05422	0	
460	N513	-5.123398	-1.250033	-3.05422	0	
461	N514	-5.123397	4.166667	-3.05422	0	
462	N515	-5.123397	-3.833333	-3.05422	0	
463	N463	-5.666667	2.5	3.464102	0	
464	N464	5.663333	2.5	3.464102	0	
465	N465	-4.666667	2.5	3.464102	0	
466	N466	4.663333	2.5	3.464102	0	
467	N467	-4.666667	2.5	3.131102	0	
468	N468	4.663333	2.5	3.131102	0	
469	N470A	5.833334	2.5	3.175427	0	
470	N471B	0.168334	2.5	-6.636641	0	
471	N472A	5.333334	2.5	2.309401	0	
472	N473A	0.668334	2.5	-5.770616	0	
473	N474A	5.044947	2.5	2.475901	0	
474	N475	0.379947	2.5	-5.604116	0	
475	N477	-0.166667	2.5	-6.639529	0	
476	N478	-5.831667	2.5	3.172539	0	
477	N479	-0.666667	2.5	-5.773503	0	
478	N480	-5.331667	2.5	2.306514	0	
479	N481	-0.37828	2.5	-5.607003	0	
480	N482	-5.04328	2.5	2.473014	0	
481	N481A	-5.166667	2.5	3.464102	0	
482	N482A	-5.166667	2.5	3.714102	0	
483	N483A	-3.645833	2.5	3.464102	0	
484	N484A	-3.645833	2.5	3.714102	0	
485	N485A	-0.083333	2.5	3.464102	0	
486	N486A	-0.083333	2.5	3.714102	0	
487	N487	5.163333	2.5	3.464102	0	
488	N488	5.163333	2.5	3.714102	0	
489	N489A	0.416667	2.5	-6.206516	0	
490	N490A	-0.416667	2.5	-6.206516	0	
491	N491A	-5.583334	2.5	2.742414	0	
492	N492A	5.583334	2.5	2.742414	0	
493	N493	5.79984	2.5	2.617414	0	
494	N494	4.083334	2.5	0.144337	0	
495	N495	4.29984	2.5	0.019338	0	
496	N496	0.633173	2.5	-6.331515	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
497	N497	-0.633173	2.5	-6.331515	0	
498	N498	-1.177084	2.5	-4.889435	0	
499	N499	-1.39359	2.5	-5.014435	0	
500	N500	-2.958334	2.5	-1.80422	0	
501	N501	-3.17484	2.5	-1.92922	0	
502	N502	-5.79984	2.5	2.617414	0	
503	N503	4.833334	2.5	1.443375	0	
504	N504	5.04984	2.5	1.318376	0	
505	N505	2.958334	2.5	-1.80422	0	
506	N506	3.17484	2.5	-1.92922	0	
507	N507	2.58173	2.5	-7.456516	0	
508	N508A	-5.123397	2.5	-3.05422	0	
509	N509A	-4.208333	2.5	0.360843	0	
510	N510	1.666667	2.5	-4.041452	0	

Hot Rolled Steel Section Sets

	Label	Shape	Type	Design List	Material	Design Rules	A [in2]	Iyy [in4]	Izz [in4]	J [in4]
1	Face Horizo...	C5X6.7	Beam	Channel	A36 Gr.36	Typical	1.97	.47	7.48	.055
2	Cross Brace	C5X9	Beam	Channel	A36 Gr.36	Typical	2.64	.624	8.89	.109
3	Standoff Hori...	HSS3X3X4	Beam	SquareTube	A500 Gr. B 46	Typical	2.44	3.02	3.02	5.08
4	Corner Plate	PL3/8x8	Beam	RECT	A36 Gr.36	Typical	3	.035	16	.136
5	Mount Pipe	PIPE_2.0	Column	Pipe	A53 Gr. B	Typical	1.02	.627	.627	1.25
6	Ladder	L2x2x3	Column	Single Angle	A36 Gr.36	Typical	.722	.271	.271	.009
7	Ladder Rung	SR 0.75	Beam	BAR	A36 Gr.36	Typical	.442	.016	.016	.031
8	Mod Standof...	PIPE_2.0	Beam	Pipe	A53 Gr. B	Typical	1.02	.627	.627	1.25
9	Mod Support...	PIPE_2.5	Beam	Pipe	A53 Gr. B	Typical	1.61	1.45	1.45	2.89
10	Mod Support...	L3X3X4	Beam	Single Angle	A36 Gr.36	Typical	1.44	1.23	1.23	.031

Hot Rolled Steel Properties

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

Member Primary Data

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
1	MP4A	N8	N9			Mount Pipe	Column	Pipe	A53 Gr. B	Typical
2	M3	N7	N6		90	RIGID	None	None	RIGID	Typical
3	MP3A	N12	N13			Mount Pipe	Column	Pipe	A53 Gr. B	Typical
4	M5	N11	N10			RIGID	None	None	RIGID	Typical
5	MP2A	N16	N17			Mount Pipe	Column	Pipe	A53 Gr. B	Typical
6	M7	N15	N14			RIGID	None	None	RIGID	Typical
7	MP1A	N20	N21			Mount Pipe	Column	Pipe	A53 Gr. B	Typical
8	M9	N19	N18		90	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
9	M28	N59A	N60A		180	Cross Brace	Beam	Channel	A36 Gr.36	Typical
10	M29	N45	N59A			RIGID	None	None	RIGID	Typical
11	M30	N24	N60A			RIGID	None	None	RIGID	Typical
12	M31	N63	N64		180	Cross Brace	Beam	Channel	A36 Gr.36	Typical
13	M32	N5	N63			RIGID	None	None	RIGID	Typical
14	M33	N44	N64			RIGID	None	None	RIGID	Typical
15	M34	N67	N68		180	Cross Brace	Beam	Channel	A36 Gr.36	Typical
16	M35	N25	N67			RIGID	None	None	RIGID	Typical
17	M36	N4	N68			RIGID	None	None	RIGID	Typical
18	M37	N69	N68A		90	Corner Plate	Beam	RECT	A36 Gr.36	Typical
19	M38	N69	N68B			RIGID	None	None	RIGID	Typical
20	M39	N68A	N67A			RIGID	None	None	RIGID	Typical
21	M40	N70	N69A		90	Corner Plate	Beam	RECT	A36 Gr.36	Typical
22	M41	N70	N68B			RIGID	None	None	RIGID	Typical
23	M42	N69A	N67A			RIGID	None	None	RIGID	Typical
24	M43	N72	N71		90	Corner Plate	Beam	RECT	A36 Gr.36	Typical
25	M44	N72	N6			RIGID	None	None	RIGID	Typical
26	M45	N71	N73			RIGID	None	None	RIGID	Typical
27	M46	N76	N75		90	Corner Plate	Beam	RECT	A36 Gr.36	Typical
28	M47	N76	N6			RIGID	None	None	RIGID	Typical
29	M48	N75	N73			RIGID	None	None	RIGID	Typical
30	M49	N78	N77		90	Corner Plate	Beam	RECT	A36 Gr.36	Typical
31	M50	N78	N80			RIGID	None	None	RIGID	Typical
32	M51	N77	N18			RIGID	None	None	RIGID	Typical
33	M52	N82	N81		90	Corner Plate	Beam	RECT	A36 Gr.36	Typical
34	M53	N82	N80			RIGID	None	None	RIGID	Typical
35	M54	N81	N18			RIGID	None	None	RIGID	Typical
36	M55	N86	N85		180	Cross Brace	Beam	Channel	A36 Gr.36	Typical
37	M56	N84	N83			Cross Brace	Beam	Channel	A36 Gr.36	Typical
38	M57	N87	N88		180	Ladder	Column	Single Angle	A36 Gr.36	Typical
39	M58	N89	N90		90	Ladder	Column	Single Angle	A36 Gr.36	Typical
40	M59	N93	N94			Ladder Rung	Beam	BAR	A36 Gr.36	Typical
41	M60	N95	N96			Ladder Rung	Beam	BAR	A36 Gr.36	Typical
42	M61	N97	N98			Ladder Rung	Beam	BAR	A36 Gr.36	Typical
43	M62	N99	N100			Ladder Rung	Beam	BAR	A36 Gr.36	Typical
44	M63	N101	N102			Ladder Rung	Beam	BAR	A36 Gr.36	Typical
45	M64	N103	N104			Ladder Rung	Beam	BAR	A36 Gr.36	Typical
46	M65	N105	N106			Ladder Rung	Beam	BAR	A36 Gr.36	Typical
47	M66	N110	N109			Standoff Horiz...	Beam	SquareTube	A500 Gr. ...	Typical
48	M67	N108	N111			RIGID	None	None	RIGID	Typical
49	M68	N114	N113			Standoff Horiz...	Beam	SquareTube	A500 Gr. ...	Typical
50	M69	N112A	N115			RIGID	None	None	RIGID	Typical
51	M70	N118	N117			Standoff Horiz...	Beam	SquareTube	A500 Gr. ...	Typical
52	M71	N116	N119			RIGID	None	None	RIGID	Typical
53	M72	N122	N112			RIGID	None	None	RIGID	Typical
54	M73	N124	N121			RIGID	None	None	RIGID	Typical
55	M74	N123	N120			RIGID	None	None	RIGID	Typical
56	M72A	N3	N432A		180	Face Horizontal	Beam	Channel	A36 Gr.36	Typical
57	M73A	N432A	N2		180	Face Horizontal	Beam	Channel	A36 Gr.36	Typical
58	M74A	N2	N436		180	Face Horizontal	Beam	Channel	A36 Gr.36	Typical
59	M75	N436	N22		180	Face Horizontal	Beam	Channel	A36 Gr.36	Typical
60	M76	N22	N440		180	Face Horizontal	Beam	Channel	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
61	M77	N440	N3		180	Face Horizontal	Beam	Channel	A36 Gr.36	Typical
62	MP5C	N406A	N407A			Mount Pipe	Column	Pipe	A53 Gr. B	Typical
63	M63A	N405A	N80		90	RIGID	None	None	RIGID	Typical
64	MP3C	N414A	N415A			Mount Pipe	Column	Pipe	A53 Gr. B	Typical
65	M67A	N413A	N412A			RIGID	None	None	RIGID	Typical
66	GAMMA RRH 1	N418A	N419A			Mount Pipe	Column	Pipe	A53 Gr. B	Typical
67	M69A	N417A	N67A		90	RIGID	None	None	RIGID	Typical
68	M23	N423A	N424A			Mount Pipe	Column	Pipe	A53 Gr. B	Typical
69	M71A	N422A	N68B		90	RIGID	None	None	RIGID	Typical
70	MP3B	N427B	N428A			Mount Pipe	Column	Pipe	A53 Gr. B	Typical
71	M73B	N426B	N425A			RIGID	None	None	RIGID	Typical
72	BETA RRH	N431B	N432B			Mount Pipe	Column	Pipe	A53 Gr. B	Typical
73	M75A	N430B	N429B			RIGID	None	None	RIGID	Typical
74	M24	N435	N436A			Mount Pipe	Column	Pipe	A53 Gr. B	Typical
75	M77A	N434	N73		90	RIGID	None	None	RIGID	Typical
76	GAMMA RRH 2	N437	N438			Mount Pipe	Column	Pipe	A53 Gr. B	Typical
77	M79	N436B	N435A			RIGID	None	None	RIGID	Typical
78	MP2C	N441	N442			Mount Pipe	Column	Pipe	A53 Gr. B	Typical
79	M81	N440A	N439			RIGID	None	None	RIGID	Typical
80	MP4C	N455	N456			Mount Pipe	Column	Pipe	A53 Gr. B	Typical
81	MP1B	N470	N471			Mount Pipe	Column	Pipe	A53 Gr. B	Typical
82	MP4B	N483	N484			Mount Pipe	Column	Pipe	A53 Gr. B	Typical
83	M123	N485	N489			Mod Standoff ...	Beam	Pipe	A53 Gr. B	Typical
84	M124	N486	N490			Mod Standoff ...	Beam	Pipe	A53 Gr. B	Typical
85	MP1C	N491	N492			Mount Pipe	Column	Pipe	A53 Gr. B	Typical
86	M141	N508	N512			Mod Standoff ...	Beam	Pipe	A53 Gr. B	Typical
87	M142	N509	N513			Mod Standoff ...	Beam	Pipe	A53 Gr. B	Typical
88	MP2B	N514	N515			Mount Pipe	Column	Pipe	A53 Gr. B	Typical
89	M89	N443	N445			Mod Standoff ...	Beam	Pipe	A53 Gr. B	Typical
90	M90	N444	N446			Mod Standoff ...	Beam	Pipe	A53 Gr. B	Typical
91	M91	N458	N460			Mod Standoff ...	Beam	Pipe	A53 Gr. B	Typical
92	M92	N459	N461			Mod Standoff ...	Beam	Pipe	A53 Gr. B	Typical
93	M93	N471A	N473			Mod Standoff ...	Beam	Pipe	A53 Gr. B	Typical
94	M94	N472	N474			Mod Standoff ...	Beam	Pipe	A53 Gr. B	Typical
95	M95	N463	N464			Mod Support ...	Beam	Pipe	A53 Gr. B	Typical
96	M96	N465	N467			RIGID	None	None	RIGID	Typical
97	M97	N466	N468			RIGID	None	None	RIGID	Typical
98	M98	N470A	N471B			Mod Support ...	Beam	Pipe	A53 Gr. B	Typical
99	M99	N472A	N474A			RIGID	None	None	RIGID	Typical
100	M100	N473A	N475			RIGID	None	None	RIGID	Typical
101	M101	N477	N478			Mod Support ...	Beam	Pipe	A53 Gr. B	Typical
102	M102	N479	N481			RIGID	None	None	RIGID	Typical
103	M103	N480	N482			RIGID	None	None	RIGID	Typical
104	M104	N467	N482		90	Mod Support ...	Beam	Single Angle	A36 Gr.36	Typical
105	M105	N481	N475		90	Mod Support ...	Beam	Single Angle	A36 Gr.36	Typical
106	M106	N474A	N468		90	Mod Support ...	Beam	Single Angle	A36 Gr.36	Typical
107	M107	N482A	N481A		90	RIGID	None	None	RIGID	Typical
108	M108	N484A	N483A			RIGID	None	None	RIGID	Typical
109	M109	N486A	N485A			RIGID	None	None	RIGID	Typical
110	M110	N488	N487		90	RIGID	None	None	RIGID	Typical
111	M111	N493	N492A		90	RIGID	None	None	RIGID	Typical
112	M112	N495	N494			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
113	M113	N496	N489A		90	RIGID	None	None	RIGID	Typical
114	M114	N497	N490A		90	RIGID	None	None	RIGID	Typical
115	M115	N499	N498			RIGID	None	None	RIGID	Typical
116	M116	N501	N500			RIGID	None	None	RIGID	Typical
117	M117	N502	N491A		90	RIGID	None	None	RIGID	Typical
118	M118	N504	N503			RIGID	None	None	RIGID	Typical
119	M119	N506	N505			RIGID	None	None	RIGID	Typical
120	M120	N508A	N509A			Mod Standoff ...	Beam	Pipe	A53 Gr. B	Typical
121	M121	N507	N510			Mod Standoff ...	Beam	Pipe	A53 Gr. B	Typical

Member Advanced Data

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
1	MP4A						Yes	** NA **			None
2	M3						Yes	** NA **			None
3	MP3A						Yes	** NA **			None
4	M5						Yes	** NA **			None
5	MP2A						Yes	** NA **			None
6	M7						Yes	** NA **			None
7	MP1A						Yes	** NA **			None
8	M9						Yes	** NA **			None
9	M28						Yes				None
10	M29						Yes	** NA **			None
11	M30						Yes	** NA **			None
12	M31						Yes				None
13	M32						Yes	** NA **			None
14	M33						Yes	** NA **			None
15	M34						Yes				None
16	M35						Yes	** NA **			None
17	M36						Yes	** NA **			None
18	M37						Yes				None
19	M38						Yes	** NA **			None
20	M39						Yes	** NA **			None
21	M40						Yes				None
22	M41						Yes	** NA **			None
23	M42						Yes	** NA **			None
24	M43						Yes				None
25	M44						Yes	** NA **			None
26	M45						Yes	** NA **			None
27	M46						Yes				None
28	M47						Yes	** NA **			None
29	M48						Yes	** NA **			None
30	M49						Yes				None
31	M50						Yes	** NA **			None
32	M51						Yes	** NA **			None
33	M52						Yes				None
34	M53						Yes	** NA **			None
35	M54						Yes	** NA **			None
36	M55						Yes				None
37	M56						Yes				None
38	M57						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	M58						Yes	** NA **			None
40	M59						Yes				None
41	M60						Yes				None
42	M61						Yes				None
43	M62						Yes				None
44	M63						Yes				None
45	M64						Yes				None
46	M65						Yes				None
47	M66						Yes				None
48	M67						Yes	** NA **			None
49	M68						Yes				None
50	M69						Yes	** NA **			None
51	M70						Yes				None
52	M71						Yes	** NA **			None
53	M72						Yes	** NA **			None
54	M73						Yes	** NA **			None
55	M74						Yes	** NA **			None
56	M72A						Yes				None
57	M73A						Yes				None
58	M74A						Yes				None
59	M75						Yes				None
60	M76						Yes				None
61	M77						Yes				None
62	MP5C						Yes	** NA **			None
63	M63A						Yes	** NA **			None
64	MP3C						Yes	** NA **			None
65	M67A						Yes	** NA **			None
66	GAMMA R...						Yes	** NA **			None
67	M69A						Yes	** NA **			None
68	M23						Yes	** NA **			None
69	M71A						Yes	** NA **			None
70	MP3B						Yes	** NA **			None
71	M73B						Yes	** NA **			None
72	BETA RRH						Yes	** NA **			None
73	M75A						Yes	** NA **			None
74	M24						Yes	** NA **			None
75	M77A						Yes	** NA **			None
76	GAMMA R...						Yes	** NA **			None
77	M79						Yes	** NA **			None
78	MP2C						Yes	** NA **			None
79	M81						Yes	** NA **			None
80	MP4C						Yes	** NA **			None
81	MP1B						Yes	** NA **			None
82	MP4B						Yes	** NA **			None
83	M123	OOOOXO					Yes	Default			None
84	M124	OOOOXO					Yes				None
85	MP1C						Yes	** NA **			None
86	M141	OOOOXO					Yes				None
87	M142	OOOOXO					Yes				None
88	MP2B						Yes	** NA **			None
89	M89						Yes				None
90	M90						Yes				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...
91	M91						Yes				None
92	M92						Yes				None
93	M93						Yes				None
94	M94						Yes				None
95	M95						Yes				None
96	M96	OOOOOX					Yes	** NA **			None
97	M97	OOOOOX					Yes	** NA **			None
98	M98						Yes				None
99	M99	OOOOOX					Yes	** NA **			None
100	M100	OOOOOX					Yes	** NA **			None
101	M101						Yes				None
102	M102	OOOOOX					Yes	** NA **			None
103	M103	OOOOOX					Yes	** NA **			None
104	M104						Yes	Default			None
105	M105						Yes				None
106	M106						Yes				None
107	M107						Yes	** NA **			None
108	M108						Yes	** NA **			None
109	M109						Yes	** NA **			None
110	M110						Yes	** NA **			None
111	M111						Yes	** NA **			None
112	M112						Yes	** NA **			None
113	M113						Yes	** NA **			None
114	M114						Yes	** NA **			None
115	M115						Yes	** NA **			None
116	M116						Yes	** NA **			None
117	M117						Yes	** NA **			None
118	M118						Yes	** NA **			None
119	M119						Yes	** NA **			None
120	M120	BenPIN	BenPIN				Yes				None
121	M121	BenPIN	BenPIN				Yes				None

Member Point Loads (BLC 1 : Antenna D)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1C	Y	-45.75	2
2	MP1C	My	.027	2
3	MP1C	Mz	.042	2
4	MP1C	Y	-45.75	5
5	MP1C	My	.027	5
6	MP1C	Mz	.042	5
7	MP1C	Y	-45.75	2
8	MP1C	My	.027	2
9	MP1C	Mz	-.042	2
10	MP1C	Y	-45.75	5
11	MP1C	My	.027	5
12	MP1C	Mz	-.042	5
13	MP2B	Y	-45.75	2
14	MP2B	My	.037	2
15	MP2B	Mz	-.034	2
16	MP2B	Y	-45.75	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
17	MP2B	My	.037	5
18	MP2B	Mz	-.034	5
19	MP2B	Y	-45.75	2
20	MP2B	My	-.046	2
21	MP2B	Mz	-.019	2
22	MP2B	Y	-45.75	5
23	MP2B	My	-.046	5
24	MP2B	Mz	-.019	5
25	MP2A	Y	-31.65	2
26	MP2A	My	-.027	2
27	MP2A	Mz	-.019	2
28	MP2A	Y	-31.65	5
29	MP2A	My	-.027	5
30	MP2A	Mz	-.019	5
31	MP2A	Y	-31.65	2
32	MP2A	My	-.019	2
33	MP2A	Mz	.027	2
34	MP2A	Y	-31.65	5
35	MP2A	My	-.019	5
36	MP2A	Mz	.027	5
37	MP4C	Y	-31.65	2
38	MP4C	My	-.019	2
39	MP4C	Mz	.027	2
40	MP4C	Y	-31.65	5
41	MP4C	My	-.019	5
42	MP4C	Mz	.027	5
43	MP4C	Y	-31.65	2
44	MP4C	My	.027	2
45	MP4C	Mz	.019	2
46	MP4C	Y	-31.65	5
47	MP4C	My	.027	5
48	MP4C	Mz	.019	5
49	MP1A	Y	-23.2	5.5
50	MP1A	My	-.011	5.5
51	MP1A	Mz	.002	5.5
52	MP1B	Y	-23.2	5.5
53	MP1B	My	-.002	5.5
54	MP1B	Mz	-.011	5.5
55	MP2C	Y	-23.2	5.5
56	MP2C	My	.002	5.5
57	MP2C	Mz	.011	5.5
58	MP4B	Y	-23.2	5.5
59	MP4B	My	.012	5.5
60	MP4B	Mz	0	5.5
61	MP1A	Y	-28.65	.7
62	MP1A	My	-.014	.7
63	MP1A	Mz	.002	.7
64	MP1A	Y	-28.65	2.7
65	MP1A	My	-.014	2.7
66	MP1A	Mz	.002	2.7
67	MP1B	Y	-28.65	.2
68	MP1B	My	-.002	.2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
69	MP1B	Mz	-.014	.2
70	MP1B	Y	-28.65	2.7
71	MP1B	My	-.002	2.7
72	MP1B	Mz	-.014	2.7
73	MP2C	Y	-28.65	.7
74	MP2C	My	.002	.7
75	MP2C	Mz	.014	.7
76	MP2C	Y	-28.65	2.7
77	MP2C	My	.002	2.7
78	MP2C	Mz	.014	2.7
79	MP4B	Y	-28.65	.7
80	MP4B	My	.014	.7
81	MP4B	Mz	0	.7
82	MP4B	Y	-28.65	2.7
83	MP4B	My	.014	2.7
84	MP4B	Mz	0	2.7
85	MP1C	Y	-10.4	3
86	MP1C	My	-.003	3
87	MP1C	Mz	-.005	3
88	MP2A	Y	-10.4	3
89	MP2A	My	.005	3
90	MP2A	Mz	0	3
91	MP2B	Y	-10.4	3
92	MP2B	My	-.003	3
93	MP2B	Mz	.005	3
94	MP4C	Y	-10.4	3
95	MP4C	My	-.003	3
96	MP4C	Mz	-.005	3
97	MP2C	Y	-79.1	1
98	MP2C	My	-.02	1
99	MP2C	Mz	-.034	1
100	MP3A	Y	-79.1	1
101	MP3A	My	.04	1
102	MP3A	Mz	0	1
103	MP3B	Y	-79.1	1
104	MP3B	My	-.02	1
105	MP3B	Mz	.034	1
106	MP5C	Y	-79.1	1
107	MP5C	My	-.02	1
108	MP5C	Mz	-.034	1
109	BETA RRH	Y	-74.7	1
110	BETA RRH	My	0	1
111	BETA RRH	Mz	0	1
112	GAMMA RRH 1	Y	-74.7	1
113	GAMMA RRH 1	My	0	1
114	GAMMA RRH 1	Mz	0	1
115	GAMMA RRH 2	Y	-74.7	1
116	GAMMA RRH 2	My	0	1
117	GAMMA RRH 2	Mz	0	1
118	MP2A	Y	-74.7	1
119	MP2A	My	0	1
120	MP2A	Mz	0	1

Member Point Loads (BLC 2 : Antenna Di)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1C	Y	-78.985	2
2	MP1C	My	.046	2
3	MP1C	Mz	.072	2
4	MP1C	Y	-78.985	5
5	MP1C	My	.046	5
6	MP1C	Mz	.072	5
7	MP1C	Y	-78.985	2
8	MP1C	My	.046	2
9	MP1C	Mz	-.072	2
10	MP1C	Y	-78.985	5
11	MP1C	My	.046	5
12	MP1C	Mz	-.072	5
13	MP2B	Y	-78.985	2
14	MP2B	My	.063	2
15	MP2B	Mz	-.058	2
16	MP2B	Y	-78.985	5
17	MP2B	My	.063	5
18	MP2B	Mz	-.058	5
19	MP2B	Y	-78.985	2
20	MP2B	My	-.079	2
21	MP2B	Mz	-.033	2
22	MP2B	Y	-78.985	5
23	MP2B	My	-.079	5
24	MP2B	Mz	-.033	5
25	MP2A	Y	-70.195	2
26	MP2A	My	-.061	2
27	MP2A	Mz	-.043	2
28	MP2A	Y	-70.195	5
29	MP2A	My	-.061	5
30	MP2A	Mz	-.043	5
31	MP2A	Y	-70.195	2
32	MP2A	My	-.043	2
33	MP2A	Mz	.061	2
34	MP2A	Y	-70.195	5
35	MP2A	My	-.043	5
36	MP2A	Mz	.061	5
37	MP4C	Y	-70.195	2
38	MP4C	My	-.043	2
39	MP4C	Mz	.061	2
40	MP4C	Y	-70.195	5
41	MP4C	My	-.043	5
42	MP4C	Mz	.061	5
43	MP4C	Y	-70.195	2
44	MP4C	My	.061	2
45	MP4C	Mz	.043	2
46	MP4C	Y	-70.195	5
47	MP4C	My	.061	5
48	MP4C	Mz	.043	5
49	MP1A	Y	-29.976	5.5
50	MP1A	My	-.015	5.5
51	MP1A	Mz	.003	5.5
52	MP1B	Y	-29.976	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
53	MP1B	My	-.003	5.5
54	MP1B	Mz	-.015	5.5
55	MP2C	Y	-29.976	5.5
56	MP2C	My	.003	5.5
57	MP2C	Mz	.015	5.5
58	MP4B	Y	-29.976	5.5
59	MP4B	My	.015	5.5
60	MP4B	Mz	0	5.5
61	MP1A	Y	-29.886	.7
62	MP1A	My	-.015	.7
63	MP1A	Mz	.003	.7
64	MP1A	Y	-29.886	2.7
65	MP1A	My	-.015	2.7
66	MP1A	Mz	.003	2.7
67	MP1B	Y	-29.886	.2
68	MP1B	My	-.003	.2
69	MP1B	Mz	-.015	.2
70	MP1B	Y	-29.886	2.7
71	MP1B	My	-.003	2.7
72	MP1B	Mz	-.015	2.7
73	MP2C	Y	-29.886	.7
74	MP2C	My	.003	.7
75	MP2C	Mz	.015	.7
76	MP2C	Y	-29.886	2.7
77	MP2C	My	.003	2.7
78	MP2C	Mz	.015	2.7
79	MP4B	Y	-29.886	.7
80	MP4B	My	.015	.7
81	MP4B	Mz	0	.7
82	MP4B	Y	-29.886	2.7
83	MP4B	My	.015	2.7
84	MP4B	Mz	0	2.7
85	MP1C	Y	-10.785	3
86	MP1C	My	-.003	3
87	MP1C	Mz	-.005	3
88	MP2A	Y	-10.785	3
89	MP2A	My	.005	3
90	MP2A	Mz	0	3
91	MP2B	Y	-10.785	3
92	MP2B	My	-.003	3
93	MP2B	Mz	.005	3
94	MP4C	Y	-10.785	3
95	MP4C	My	-.003	3
96	MP4C	Mz	-.005	3
97	MP2C	Y	-45.541	1
98	MP2C	My	-.011	1
99	MP2C	Mz	-.02	1
100	MP3A	Y	-45.541	1
101	MP3A	My	.023	1
102	MP3A	Mz	0	1
103	MP3B	Y	-45.541	1
104	MP3B	My	-.011	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
105	MP3B	Mz	.02	1
106	MP5C	Y	-45.541	1
107	MP5C	My	-.011	1
108	MP5C	Mz	-.02	1
109	BETA RRH	Y	-45.064	1
110	BETA RRH	My	0	1
111	BETA RRH	Mz	0	1
112	GAMMA RRH 1	Y	-45.064	1
113	GAMMA RRH 1	My	0	1
114	GAMMA RRH 1	Mz	0	1
115	GAMMA RRH 2	Y	-45.064	1
116	GAMMA RRH 2	My	0	1
117	GAMMA RRH 2	Mz	0	1
118	MP2A	Y	-45.064	1
119	MP2A	My	0	1
120	MP2A	Mz	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1C	X	0	2
2	MP1C	Z	-194.942	2
3	MP1C	Mx	-.179	2
4	MP1C	X	0	5
5	MP1C	Z	-194.942	5
6	MP1C	Mx	-.179	5
7	MP1C	X	0	2
8	MP1C	Z	-194.942	2
9	MP1C	Mx	.179	2
10	MP1C	X	0	5
11	MP1C	Z	-194.942	5
12	MP1C	Mx	.179	5
13	MP2B	X	0	2
14	MP2B	Z	-93.5	2
15	MP2B	Mx	.069	2
16	MP2B	X	0	5
17	MP2B	Z	-93.5	5
18	MP2B	Mx	.069	5
19	MP2B	X	0	2
20	MP2B	Z	-93.5	2
21	MP2B	Mx	.039	2
22	MP2B	X	0	5
23	MP2B	Z	-93.5	5
24	MP2B	Mx	.039	5
25	MP2A	X	0	2
26	MP2A	Z	-154.17	2
27	MP2A	Mx	.094	2
28	MP2A	X	0	5
29	MP2A	Z	-154.17	5
30	MP2A	Mx	.094	5
31	MP2A	X	0	2
32	MP2A	Z	-154.17	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
33	MP2A	Mx	-.134	2
34	MP2A	X	0	5
35	MP2A	Z	-154.17	5
36	MP2A	Mx	-.134	5
37	MP4C	X	0	2
38	MP4C	Z	-103.928	2
39	MP4C	Mx	-.09	2
40	MP4C	X	0	5
41	MP4C	Z	-103.928	5
42	MP4C	Mx	-.09	5
43	MP4C	X	0	2
44	MP4C	Z	-103.928	2
45	MP4C	Mx	-.063	2
46	MP4C	X	0	5
47	MP4C	Z	-103.928	5
48	MP4C	Mx	-.063	5
49	MP1A	X	0	5.5
50	MP1A	Z	-51.527	5.5
51	MP1A	Mx	-.004	5.5
52	MP1B	X	0	5.5
53	MP1B	Z	-26.612	5.5
54	MP1B	Mx	.013	5.5
55	MP2C	X	0	5.5
56	MP2C	Z	-26.612	5.5
57	MP2C	Mx	-.013	5.5
58	MP4B	X	0	5.5
59	MP4B	Z	-52.327	5.5
60	MP4B	Mx	0	5.5
61	MP1A	X	0	.7
62	MP1A	Z	-63.608	.7
63	MP1A	Mx	-.006	.7
64	MP1A	X	0	2.7
65	MP1A	Z	-63.608	2.7
66	MP1A	Mx	-.006	2.7
67	MP1B	X	0	.2
68	MP1B	Z	-26.163	.2
69	MP1B	Mx	.013	.2
70	MP1B	X	0	2.7
71	MP1B	Z	-26.163	2.7
72	MP1B	Mx	.013	2.7
73	MP2C	X	0	.7
74	MP2C	Z	-26.163	.7
75	MP2C	Mx	-.013	.7
76	MP2C	X	0	2.7
77	MP2C	Z	-26.163	2.7
78	MP2C	Mx	-.013	2.7
79	MP4B	X	0	.7
80	MP4B	Z	-64.81	.7
81	MP4B	Mx	0	.7
82	MP4B	X	0	2.7
83	MP4B	Z	-64.81	2.7
84	MP4B	Mx	0	2.7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
85	MP1C	X	0	3
86	MP1C	Z	-9.73	3
87	MP1C	Mx	.004	3
88	MP2A	X	0	3
89	MP2A	Z	-12.654	3
90	MP2A	Mx	0	3
91	MP2B	X	0	3
92	MP2B	Z	-9.73	3
93	MP2B	Mx	-.004	3
94	MP4C	X	0	3
95	MP4C	Z	-9.73	3
96	MP4C	Mx	.004	3
97	MP2C	X	0	1
98	MP2C	Z	-48.693	1
99	MP2C	Mx	.021	1
100	MP3A	X	0	1
101	MP3A	Z	-63.955	1
102	MP3A	Mx	0	1
103	MP3B	X	0	1
104	MP3B	Z	-48.693	1
105	MP3B	Mx	-.021	1
106	MP5C	X	0	1
107	MP5C	Z	-48.693	1
108	MP5C	Mx	.021	1
109	BETA RRH	X	0	1
110	BETA RRH	Z	-39.929	1
111	BETA RRH	Mx	0	1
112	GAMMA RRH 1	X	0	1
113	GAMMA RRH 1	Z	-39.929	1
114	GAMMA RRH 1	Mx	0	1
115	GAMMA RRH 2	X	0	1
116	GAMMA RRH 2	Z	-39.929	1
117	GAMMA RRH 2	Mx	0	1
118	MP2A	X	0	1
119	MP2A	Z	-53.011	1
120	MP2A	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1C	X	84.397	2
2	MP1C	Z	-146.179	2
3	MP1C	Mx	-.085	2
4	MP1C	X	84.397	5
5	MP1C	Z	-146.179	5
6	MP1C	Mx	-.085	5
7	MP1C	X	84.397	2
8	MP1C	Z	-146.179	2
9	MP1C	Mx	.183	2
10	MP1C	X	84.397	5
11	MP1C	Z	-146.179	5
12	MP1C	Mx	.183	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
13	MP2B	X	66.781	2
14	MP2B	Z	-115.669	2
15	MP2B	Mx	.138	2
16	MP2B	X	66.781	5
17	MP2B	Z	-115.669	5
18	MP2B	Mx	.138	5
19	MP2B	X	66.781	2
20	MP2B	Z	-115.669	2
21	MP2B	Mx	-.019	2
22	MP2B	X	66.781	5
23	MP2B	Z	-115.669	5
24	MP2B	Mx	-.019	5
25	MP2A	X	66.846	2
26	MP2A	Z	-115.78	2
27	MP2A	Mx	.012	2
28	MP2A	X	66.846	5
29	MP2A	Z	-115.78	5
30	MP2A	Mx	.012	5
31	MP2A	X	66.846	2
32	MP2A	Z	-115.78	2
33	MP2A	Mx	-.141	2
34	MP2A	X	66.846	5
35	MP2A	Z	-115.78	5
36	MP2A	Mx	-.141	5
37	MP4C	X	62.204	2
38	MP4C	Z	-107.74	2
39	MP4C	Mx	-.131	2
40	MP4C	X	62.204	5
41	MP4C	Z	-107.74	5
42	MP4C	Mx	-.131	5
43	MP4C	X	62.204	2
44	MP4C	Z	-107.74	2
45	MP4C	Mx	-.011	2
46	MP4C	X	62.204	5
47	MP4C	Z	-107.74	5
48	MP4C	Mx	-.011	5
49	MP1A	X	20.686	5.5
50	MP1A	Z	-35.829	5.5
51	MP1A	Mx	-.013	5.5
52	MP1B	X	18.384	5.5
53	MP1B	Z	-31.842	5.5
54	MP1B	Mx	.014	5.5
55	MP2C	X	18.384	5.5
56	MP2C	Z	-31.842	5.5
57	MP2C	Mx	-.014	5.5
58	MP4B	X	22.849	5.5
59	MP4B	Z	-39.576	5.5
60	MP4B	Mx	.011	5.5
61	MP1A	X	24.173	.7
62	MP1A	Z	-41.868	.7
63	MP1A	Mx	-.016	.7
64	MP1A	X	24.173	2.7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
65	MP1A	Z	-41.868	2.7
66	MP1A	Mx	-.016	2.7
67	MP1B	X	20.713	.2
68	MP1B	Z	-35.876	.2
69	MP1B	Mx	.016	.2
70	MP1B	X	20.713	2.7
71	MP1B	Z	-35.876	2.7
72	MP1B	Mx	.016	2.7
73	MP2C	X	20.713	.7
74	MP2C	Z	-35.876	.7
75	MP2C	Mx	-.016	.7
76	MP2C	X	20.713	2.7
77	MP2C	Z	-35.876	2.7
78	MP2C	Mx	-.016	2.7
79	MP4B	X	27.424	.7
80	MP4B	Z	-47.499	.7
81	MP4B	Mx	.014	.7
82	MP4B	X	27.424	2.7
83	MP4B	Z	-47.499	2.7
84	MP4B	Mx	.014	2.7
85	MP1C	X	5.84	3
86	MP1C	Z	-10.115	3
87	MP1C	Mx	.003	3
88	MP2A	X	5.84	3
89	MP2A	Z	-10.115	3
90	MP2A	Mx	.003	3
91	MP2B	X	4.378	3
92	MP2B	Z	-7.582	3
93	MP2B	Mx	-.004	3
94	MP4C	X	5.84	3
95	MP4C	Z	-10.115	3
96	MP4C	Mx	.003	3
97	MP2C	X	29.434	1
98	MP2C	Z	-50.981	1
99	MP2C	Mx	.015	1
100	MP3A	X	29.434	1
101	MP3A	Z	-50.981	1
102	MP3A	Mx	.015	1
103	MP3B	X	21.803	1
104	MP3B	Z	-37.763	1
105	MP3B	Mx	-.022	1
106	MP5C	X	29.434	1
107	MP5C	Z	-50.981	1
108	MP5C	Mx	.015	1
109	BETA RRH	X	17.784	1
110	BETA RRH	Z	-30.803	1
111	BETA RRH	Mx	0	1
112	GAMMA RRH 1	X	24.325	1
113	GAMMA RRH 1	Z	-42.132	1
114	GAMMA RRH 1	Mx	0	1
115	GAMMA RRH 2	X	24.325	1
116	GAMMA RRH 2	Z	-42.132	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
117	GAMMA RRH 2	Mx	0	1
118	MP2A	X	24.325	1
119	MP2A	Z	-42.132	1
120	MP2A	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1C	X	100.888	2
2	MP1C	Z	-58.247	2
3	MP1C	Mx	.005	2
4	MP1C	X	100.888	5
5	MP1C	Z	-58.247	5
6	MP1C	Mx	.005	5
7	MP1C	X	100.888	2
8	MP1C	Z	-58.247	2
9	MP1C	Mx	.112	2
10	MP1C	X	100.888	5
11	MP1C	Z	-58.247	5
12	MP1C	Mx	.112	5
13	MP2B	X	158.229	2
14	MP2B	Z	-91.353	2
15	MP2B	Mx	.194	2
16	MP2B	X	158.229	5
17	MP2B	Z	-91.353	5
18	MP2B	Mx	.194	5
19	MP2B	X	158.229	2
20	MP2B	Z	-91.353	2
21	MP2B	Mx	-.121	2
22	MP2B	X	158.229	5
23	MP2B	Z	-91.353	5
24	MP2B	Mx	-.121	5
25	MP2A	X	94.025	2
26	MP2A	Z	-54.285	2
27	MP2A	Mx	-.049	2
28	MP2A	X	94.025	5
29	MP2A	Z	-54.285	5
30	MP2A	Mx	-.049	5
31	MP2A	X	94.025	2
32	MP2A	Z	-54.285	2
33	MP2A	Mx	-.104	2
34	MP2A	X	94.025	5
35	MP2A	Z	-54.285	5
36	MP2A	Mx	-.104	5
37	MP4C	X	129.495	2
38	MP4C	Z	-74.764	2
39	MP4C	Mx	-.144	2
40	MP4C	X	129.495	5
41	MP4C	Z	-74.764	5
42	MP4C	Mx	-.144	5
43	MP4C	X	129.495	2
44	MP4C	Z	-74.764	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
45	MP4C	Mx	.067	2
46	MP4C	X	129.495	5
47	MP4C	Z	-74.764	5
48	MP4C	Mx	.067	5
49	MP1A	X	25.04	5.5
50	MP1A	Z	-14.457	5.5
51	MP1A	Mx	-.014	5.5
52	MP1B	X	42.63	5.5
53	MP1B	Z	-24.613	5.5
54	MP1B	Mx	.008	5.5
55	MP2C	X	42.63	5.5
56	MP2C	Z	-24.613	5.5
57	MP2C	Mx	-.008	5.5
58	MP4B	X	28.095	5.5
59	MP4B	Z	-16.221	5.5
60	MP4B	Mx	.014	5.5
61	MP1A	X	25.654	.7
62	MP1A	Z	-14.811	.7
63	MP1A	Mx	-.014	.7
64	MP1A	X	25.654	2.7
65	MP1A	Z	-14.811	2.7
66	MP1A	Mx	-.014	2.7
67	MP1B	X	52.09	.2
68	MP1B	Z	-30.074	.2
69	MP1B	Mx	.01	.2
70	MP1B	X	52.09	2.7
71	MP1B	Z	-30.074	2.7
72	MP1B	Mx	.01	2.7
73	MP2C	X	52.09	.7
74	MP2C	Z	-30.074	.7
75	MP2C	Mx	-.01	.7
76	MP2C	X	52.09	2.7
77	MP2C	Z	-30.074	2.7
78	MP2C	Mx	-.01	2.7
79	MP4B	X	30.245	.7
80	MP4B	Z	-17.462	.7
81	MP4B	Mx	.015	.7
82	MP4B	X	30.245	2.7
83	MP4B	Z	-17.462	2.7
84	MP4B	Mx	.015	2.7
85	MP1C	X	10.959	3
86	MP1C	Z	-6.327	3
87	MP1C	Mx	0	3
88	MP2A	X	8.426	3
89	MP2A	Z	-4.865	3
90	MP2A	Mx	.004	3
91	MP2B	X	8.426	3
92	MP2B	Z	-4.865	3
93	MP2B	Mx	-.004	3
94	MP4C	X	10.959	3
95	MP4C	Z	-6.327	3
96	MP4C	Mx	0	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
97	MP2C	X	55.386	1
98	MP2C	Z	-31.977	1
99	MP2C	Mx	0	1
100	MP3A	X	42.169	1
101	MP3A	Z	-24.346	1
102	MP3A	Mx	.021	1
103	MP3B	X	42.169	1
104	MP3B	Z	-24.346	1
105	MP3B	Mx	-.021	1
106	MP5C	X	55.386	1
107	MP5C	Z	-31.977	1
108	MP5C	Mx	0	1
109	BETA RRH	X	34.579	1
110	BETA RRH	Z	-19.964	1
111	BETA RRH	Mx	0	1
112	GAMMA RRH 1	X	45.908	1
113	GAMMA RRH 1	Z	-26.505	1
114	GAMMA RRH 1	Mx	0	1
115	GAMMA RRH 2	X	45.908	1
116	GAMMA RRH 2	Z	-26.505	1
117	GAMMA RRH 2	Mx	0	1
118	MP2A	X	34.579	1
119	MP2A	Z	-19.964	1
120	MP2A	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1C	X	90.346	2
2	MP1C	Z	0	2
3	MP1C	Mx	.053	2
4	MP1C	X	90.346	5
5	MP1C	Z	0	5
6	MP1C	Mx	.053	5
7	MP1C	X	90.346	2
8	MP1C	Z	0	2
9	MP1C	Mx	.053	2
10	MP1C	X	90.346	5
11	MP1C	Z	0	5
12	MP1C	Mx	.053	5
13	MP2B	X	191.788	2
14	MP2B	Z	0	2
15	MP2B	Mx	.154	2
16	MP2B	X	191.788	5
17	MP2B	Z	0	5
18	MP2B	Mx	.154	5
19	MP2B	X	191.788	2
20	MP2B	Z	0	2
21	MP2B	Mx	-.193	2
22	MP2B	X	191.788	5
23	MP2B	Z	0	5
24	MP2B	Mx	-.193	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
25	MP2A	X	103.928	2
26	MP2A	Z	0	2
27	MP2A	Mx	-.09	2
28	MP2A	X	103.928	5
29	MP2A	Z	0	5
30	MP2A	Mx	-.09	5
31	MP2A	X	103.928	2
32	MP2A	Z	0	2
33	MP2A	Mx	-.063	2
34	MP2A	X	103.928	5
35	MP2A	Z	0	5
36	MP2A	Mx	-.063	5
37	MP4C	X	154.17	2
38	MP4C	Z	0	2
39	MP4C	Mx	-.094	2
40	MP4C	X	154.17	5
41	MP4C	Z	0	5
42	MP4C	Mx	-.094	5
43	MP4C	X	154.17	2
44	MP4C	Z	0	2
45	MP4C	Mx	.134	2
46	MP4C	X	154.17	5
47	MP4C	Z	0	5
48	MP4C	Mx	.134	5
49	MP1A	X	26.612	5.5
50	MP1A	Z	0	5.5
51	MP1A	Mx	-.013	5.5
52	MP1B	X	51.527	5.5
53	MP1B	Z	0	5.5
54	MP1B	Mx	-.004	5.5
55	MP2C	X	51.527	5.5
56	MP2C	Z	0	5.5
57	MP2C	Mx	.004	5.5
58	MP4B	X	25.813	5.5
59	MP4B	Z	0	5.5
60	MP4B	Mx	.013	5.5
61	MP1A	X	26.163	.7
62	MP1A	Z	0	.7
63	MP1A	Mx	-.013	.7
64	MP1A	X	26.163	2.7
65	MP1A	Z	0	2.7
66	MP1A	Mx	-.013	2.7
67	MP1B	X	63.608	.2
68	MP1B	Z	0	.2
69	MP1B	Mx	-.006	.2
70	MP1B	X	63.608	2.7
71	MP1B	Z	0	2.7
72	MP1B	Mx	-.006	2.7
73	MP2C	X	63.608	.7
74	MP2C	Z	0	.7
75	MP2C	Mx	.006	.7
76	MP2C	X	63.608	2.7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
77	MP2C	Z	0	2.7
78	MP2C	Mx	.006	2.7
79	MP4B	X	24.961	.7
80	MP4B	Z	0	.7
81	MP4B	Mx	.012	.7
82	MP4B	X	24.961	2.7
83	MP4B	Z	0	2.7
84	MP4B	Mx	.012	2.7
85	MP1C	X	11.679	3
86	MP1C	Z	0	3
87	MP1C	Mx	-.003	3
88	MP2A	X	8.755	3
89	MP2A	Z	0	3
90	MP2A	Mx	.004	3
91	MP2B	X	11.679	3
92	MP2B	Z	0	3
93	MP2B	Mx	-.003	3
94	MP4C	X	11.679	3
95	MP4C	Z	0	3
96	MP4C	Mx	-.003	3
97	MP2C	X	58.867	1
98	MP2C	Z	0	1
99	MP2C	Mx	-.015	1
100	MP3A	X	43.605	1
101	MP3A	Z	0	1
102	MP3A	Mx	.022	1
103	MP3B	X	58.867	1
104	MP3B	Z	0	1
105	MP3B	Mx	-.015	1
106	MP5C	X	58.867	1
107	MP5C	Z	0	1
108	MP5C	Mx	-.015	1
109	BETA RRH	X	48.65	1
110	BETA RRH	Z	0	1
111	BETA RRH	Mx	0	1
112	GAMMA RRH 1	X	48.65	1
113	GAMMA RRH 1	Z	0	1
114	GAMMA RRH 1	Mx	0	1
115	GAMMA RRH 2	X	48.65	1
116	GAMMA RRH 2	Z	0	1
117	GAMMA RRH 2	Mx	0	1
118	MP2A	X	35.568	1
119	MP2A	Z	0	1
120	MP2A	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1C	X	100.888	2
2	MP1C	Z	58.247	2
3	MP1C	Mx	.112	2
4	MP1C	X	100.888	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
5	MP1C	Z	58.247	5
6	MP1C	Mx	.112	5
7	MP1C	X	100.888	2
8	MP1C	Z	58.247	2
9	MP1C	Mx	.005	2
10	MP1C	X	100.888	5
11	MP1C	Z	58.247	5
12	MP1C	Mx	.005	5
13	MP2B	X	131.398	2
14	MP2B	Z	75.863	2
15	MP2B	Mx	.05	2
16	MP2B	X	131.398	5
17	MP2B	Z	75.863	5
18	MP2B	Mx	.05	5
19	MP2B	X	131.398	2
20	MP2B	Z	75.863	2
21	MP2B	Mx	-.163	2
22	MP2B	X	131.398	5
23	MP2B	Z	75.863	5
24	MP2B	Mx	-.163	5
25	MP2A	X	107.74	2
26	MP2A	Z	62.204	2
27	MP2A	Mx	-.131	2
28	MP2A	X	107.74	5
29	MP2A	Z	62.204	5
30	MP2A	Mx	-.131	5
31	MP2A	X	107.74	2
32	MP2A	Z	62.204	2
33	MP2A	Mx	-.011	2
34	MP2A	X	107.74	5
35	MP2A	Z	62.204	5
36	MP2A	Mx	-.011	5
37	MP4C	X	115.78	2
38	MP4C	Z	66.846	2
39	MP4C	Mx	-.012	2
40	MP4C	X	115.78	5
41	MP4C	Z	66.846	5
42	MP4C	Mx	-.012	5
43	MP4C	X	115.78	2
44	MP4C	Z	66.846	2
45	MP4C	Mx	.141	2
46	MP4C	X	115.78	5
47	MP4C	Z	66.846	5
48	MP4C	Mx	.141	5
49	MP1A	X	31.842	5.5
50	MP1A	Z	18.384	5.5
51	MP1A	Mx	-.014	5.5
52	MP1B	X	35.829	5.5
53	MP1B	Z	20.686	5.5
54	MP1B	Mx	-.013	5.5
55	MP2C	X	35.829	5.5
56	MP2C	Z	20.686	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
57	MP2C	Mx	.013	5.5
58	MP4B	X	28.095	5.5
59	MP4B	Z	16.221	5.5
60	MP4B	Mx	.014	5.5
61	MP1A	X	35.876	.7
62	MP1A	Z	20.713	.7
63	MP1A	Mx	-.016	.7
64	MP1A	X	35.876	2.7
65	MP1A	Z	20.713	2.7
66	MP1A	Mx	-.016	2.7
67	MP1B	X	41.868	.2
68	MP1B	Z	24.173	.2
69	MP1B	Mx	-.016	.2
70	MP1B	X	41.868	2.7
71	MP1B	Z	24.173	2.7
72	MP1B	Mx	-.016	2.7
73	MP2C	X	41.868	.7
74	MP2C	Z	24.173	.7
75	MP2C	Mx	.016	.7
76	MP2C	X	41.868	2.7
77	MP2C	Z	24.173	2.7
78	MP2C	Mx	.016	2.7
79	MP4B	X	30.245	.7
80	MP4B	Z	17.462	.7
81	MP4B	Mx	.015	.7
82	MP4B	X	30.245	2.7
83	MP4B	Z	17.462	2.7
84	MP4B	Mx	.015	2.7
85	MP1C	X	8.426	3
86	MP1C	Z	4.865	3
87	MP1C	Mx	-.004	3
88	MP2A	X	8.426	3
89	MP2A	Z	4.865	3
90	MP2A	Mx	.004	3
91	MP2B	X	10.959	3
92	MP2B	Z	6.327	3
93	MP2B	Mx	0	3
94	MP4C	X	8.426	3
95	MP4C	Z	4.865	3
96	MP4C	Mx	-.004	3
97	MP2C	X	42.169	1
98	MP2C	Z	24.346	1
99	MP2C	Mx	-.021	1
100	MP3A	X	42.169	1
101	MP3A	Z	24.346	1
102	MP3A	Mx	.021	1
103	MP3B	X	55.386	1
104	MP3B	Z	31.977	1
105	MP3B	Mx	0	1
106	MP5C	X	42.169	1
107	MP5C	Z	24.346	1
108	MP5C	Mx	-.021	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
109	BETA RRH	X	45.908	1
110	BETA RRH	Z	26.505	1
111	BETA RRH	Mx	0	1
112	GAMMA RRH 1	X	34.579	1
113	GAMMA RRH 1	Z	19.964	1
114	GAMMA RRH 1	Mx	0	1
115	GAMMA RRH 2	X	34.579	1
116	GAMMA RRH 2	Z	19.964	1
117	GAMMA RRH 2	Mx	0	1
118	MP2A	X	34.579	1
119	MP2A	Z	19.964	1
120	MP2A	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1C	X	84.397	2
2	MP1C	Z	146.179	2
3	MP1C	Mx	.183	2
4	MP1C	X	84.397	5
5	MP1C	Z	146.179	5
6	MP1C	Mx	.183	5
7	MP1C	X	84.397	2
8	MP1C	Z	146.179	2
9	MP1C	Mx	-.085	2
10	MP1C	X	84.397	5
11	MP1C	Z	146.179	5
12	MP1C	Mx	-.085	5
13	MP2B	X	51.291	2
14	MP2B	Z	88.838	2
15	MP2B	Mx	-.024	2
16	MP2B	X	51.291	5
17	MP2B	Z	88.838	5
18	MP2B	Mx	-.024	5
19	MP2B	X	51.291	2
20	MP2B	Z	88.838	2
21	MP2B	Mx	-.088	2
22	MP2B	X	51.291	5
23	MP2B	Z	88.838	5
24	MP2B	Mx	-.088	5
25	MP2A	X	74.764	2
26	MP2A	Z	129.495	2
27	MP2A	Mx	-.144	2
28	MP2A	X	74.764	5
29	MP2A	Z	129.495	5
30	MP2A	Mx	-.144	5
31	MP2A	X	74.764	2
32	MP2A	Z	129.495	2
33	MP2A	Mx	.067	2
34	MP2A	X	74.764	5
35	MP2A	Z	129.495	5
36	MP2A	Mx	.067	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
37	MP4C	X	54.285	2
38	MP4C	Z	94.025	2
39	MP4C	Mx	.049	2
40	MP4C	X	54.285	5
41	MP4C	Z	94.025	5
42	MP4C	Mx	.049	5
43	MP4C	X	54.285	2
44	MP4C	Z	94.025	2
45	MP4C	Mx	.104	2
46	MP4C	X	54.285	5
47	MP4C	Z	94.025	5
48	MP4C	Mx	.104	5
49	MP1A	X	24.613	5.5
50	MP1A	Z	42.63	5.5
51	MP1A	Mx	-.008	5.5
52	MP1B	X	14.457	5.5
53	MP1B	Z	25.04	5.5
54	MP1B	Mx	-.014	5.5
55	MP2C	X	14.457	5.5
56	MP2C	Z	25.04	5.5
57	MP2C	Mx	.014	5.5
58	MP4B	X	22.849	5.5
59	MP4B	Z	39.576	5.5
60	MP4B	Mx	.011	5.5
61	MP1A	X	30.074	.7
62	MP1A	Z	52.09	.7
63	MP1A	Mx	-.01	.7
64	MP1A	X	30.074	2.7
65	MP1A	Z	52.09	2.7
66	MP1A	Mx	-.01	2.7
67	MP1B	X	14.811	.2
68	MP1B	Z	25.654	.2
69	MP1B	Mx	-.014	.2
70	MP1B	X	14.811	2.7
71	MP1B	Z	25.654	2.7
72	MP1B	Mx	-.014	2.7
73	MP2C	X	14.811	.7
74	MP2C	Z	25.654	.7
75	MP2C	Mx	.014	.7
76	MP2C	X	14.811	2.7
77	MP2C	Z	25.654	2.7
78	MP2C	Mx	.014	2.7
79	MP4B	X	27.424	.7
80	MP4B	Z	47.499	.7
81	MP4B	Mx	.014	.7
82	MP4B	X	27.424	2.7
83	MP4B	Z	47.499	2.7
84	MP4B	Mx	.014	2.7
85	MP1C	X	4.378	3
86	MP1C	Z	7.582	3
87	MP1C	Mx	-.004	3
88	MP2A	X	5.84	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
89	MP2A	Z	10.115	3
90	MP2A	Mx	.003	3
91	MP2B	X	5.84	3
92	MP2B	Z	10.115	3
93	MP2B	Mx	.003	3
94	MP4C	X	4.378	3
95	MP4C	Z	7.582	3
96	MP4C	Mx	-.004	3
97	MP2C	X	21.803	1
98	MP2C	Z	37.763	1
99	MP2C	Mx	-.022	1
100	MP3A	X	29.434	1
101	MP3A	Z	50.981	1
102	MP3A	Mx	.015	1
103	MP3B	X	29.434	1
104	MP3B	Z	50.981	1
105	MP3B	Mx	.015	1
106	MP5C	X	21.803	1
107	MP5C	Z	37.763	1
108	MP5C	Mx	-.022	1
109	BETA RRH	X	24.325	1
110	BETA RRH	Z	42.132	1
111	BETA RRH	Mx	0	1
112	GAMMA RRH 1	X	17.784	1
113	GAMMA RRH 1	Z	30.803	1
114	GAMMA RRH 1	Mx	0	1
115	GAMMA RRH 2	X	17.784	1
116	GAMMA RRH 2	Z	30.803	1
117	GAMMA RRH 2	Mx	0	1
118	MP2A	X	24.325	1
119	MP2A	Z	42.132	1
120	MP2A	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1C	X	0	2
2	MP1C	Z	194.942	2
3	MP1C	Mx	.179	2
4	MP1C	X	0	5
5	MP1C	Z	194.942	5
6	MP1C	Mx	.179	5
7	MP1C	X	0	2
8	MP1C	Z	194.942	2
9	MP1C	Mx	-.179	2
10	MP1C	X	0	5
11	MP1C	Z	194.942	5
12	MP1C	Mx	-.179	5
13	MP2B	X	0	2
14	MP2B	Z	93.5	2
15	MP2B	Mx	-.069	2
16	MP2B	X	0	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
17	MP2B	Z	93.5	5
18	MP2B	Mx	-.069	5
19	MP2B	X	0	2
20	MP2B	Z	93.5	2
21	MP2B	Mx	-.039	2
22	MP2B	X	0	5
23	MP2B	Z	93.5	5
24	MP2B	Mx	-.039	5
25	MP2A	X	0	2
26	MP2A	Z	154.17	2
27	MP2A	Mx	-.094	2
28	MP2A	X	0	5
29	MP2A	Z	154.17	5
30	MP2A	Mx	-.094	5
31	MP2A	X	0	2
32	MP2A	Z	154.17	2
33	MP2A	Mx	.134	2
34	MP2A	X	0	5
35	MP2A	Z	154.17	5
36	MP2A	Mx	.134	5
37	MP4C	X	0	2
38	MP4C	Z	103.928	2
39	MP4C	Mx	.09	2
40	MP4C	X	0	5
41	MP4C	Z	103.928	5
42	MP4C	Mx	.09	5
43	MP4C	X	0	2
44	MP4C	Z	103.928	2
45	MP4C	Mx	.063	2
46	MP4C	X	0	5
47	MP4C	Z	103.928	5
48	MP4C	Mx	.063	5
49	MP1A	X	0	5.5
50	MP1A	Z	51.527	5.5
51	MP1A	Mx	.004	5.5
52	MP1B	X	0	5.5
53	MP1B	Z	26.612	5.5
54	MP1B	Mx	-.013	5.5
55	MP2C	X	0	5.5
56	MP2C	Z	26.612	5.5
57	MP2C	Mx	.013	5.5
58	MP4B	X	0	5.5
59	MP4B	Z	52.327	5.5
60	MP4B	Mx	0	5.5
61	MP1A	X	0	.7
62	MP1A	Z	63.608	.7
63	MP1A	Mx	.006	.7
64	MP1A	X	0	2.7
65	MP1A	Z	63.608	2.7
66	MP1A	Mx	.006	2.7
67	MP1B	X	0	.2
68	MP1B	Z	26.163	.2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
69	MP1B	Mx	-.013	.2
70	MP1B	X	0	2.7
71	MP1B	Z	26.163	2.7
72	MP1B	Mx	-.013	2.7
73	MP2C	X	0	.7
74	MP2C	Z	26.163	.7
75	MP2C	Mx	.013	.7
76	MP2C	X	0	2.7
77	MP2C	Z	26.163	2.7
78	MP2C	Mx	.013	2.7
79	MP4B	X	0	.7
80	MP4B	Z	64.81	.7
81	MP4B	Mx	0	.7
82	MP4B	X	0	2.7
83	MP4B	Z	64.81	2.7
84	MP4B	Mx	0	2.7
85	MP1C	X	0	3
86	MP1C	Z	9.73	3
87	MP1C	Mx	-.004	3
88	MP2A	X	0	3
89	MP2A	Z	12.654	3
90	MP2A	Mx	0	3
91	MP2B	X	0	3
92	MP2B	Z	9.73	3
93	MP2B	Mx	.004	3
94	MP4C	X	0	3
95	MP4C	Z	9.73	3
96	MP4C	Mx	-.004	3
97	MP2C	X	0	1
98	MP2C	Z	48.693	1
99	MP2C	Mx	-.021	1
100	MP3A	X	0	1
101	MP3A	Z	63.955	1
102	MP3A	Mx	0	1
103	MP3B	X	0	1
104	MP3B	Z	48.693	1
105	MP3B	Mx	.021	1
106	MP5C	X	0	1
107	MP5C	Z	48.693	1
108	MP5C	Mx	-.021	1
109	BETA RRH	X	0	1
110	BETA RRH	Z	39.929	1
111	BETA RRH	Mx	0	1
112	GAMMA RRH 1	X	0	1
113	GAMMA RRH 1	Z	39.929	1
114	GAMMA RRH 1	Mx	0	1
115	GAMMA RRH 2	X	0	1
116	GAMMA RRH 2	Z	39.929	1
117	GAMMA RRH 2	Mx	0	1
118	MP2A	X	0	1
119	MP2A	Z	53.011	1
120	MP2A	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1C	X	-84.397	2
2	MP1C	Z	146.179	2
3	MP1C	Mx	.085	2
4	MP1C	X	-84.397	5
5	MP1C	Z	146.179	5
6	MP1C	Mx	.085	5
7	MP1C	X	-84.397	2
8	MP1C	Z	146.179	2
9	MP1C	Mx	-.183	2
10	MP1C	X	-84.397	5
11	MP1C	Z	146.179	5
12	MP1C	Mx	-.183	5
13	MP2B	X	-66.781	2
14	MP2B	Z	115.669	2
15	MP2B	Mx	-.138	2
16	MP2B	X	-66.781	5
17	MP2B	Z	115.669	5
18	MP2B	Mx	-.138	5
19	MP2B	X	-66.781	2
20	MP2B	Z	115.669	2
21	MP2B	Mx	.019	2
22	MP2B	X	-66.781	5
23	MP2B	Z	115.669	5
24	MP2B	Mx	.019	5
25	MP2A	X	-66.846	2
26	MP2A	Z	115.78	2
27	MP2A	Mx	-.012	2
28	MP2A	X	-66.846	5
29	MP2A	Z	115.78	5
30	MP2A	Mx	-.012	5
31	MP2A	X	-66.846	2
32	MP2A	Z	115.78	2
33	MP2A	Mx	.141	2
34	MP2A	X	-66.846	5
35	MP2A	Z	115.78	5
36	MP2A	Mx	.141	5
37	MP4C	X	-62.204	2
38	MP4C	Z	107.74	2
39	MP4C	Mx	.131	2
40	MP4C	X	-62.204	5
41	MP4C	Z	107.74	5
42	MP4C	Mx	.131	5
43	MP4C	X	-62.204	2
44	MP4C	Z	107.74	2
45	MP4C	Mx	.011	2
46	MP4C	X	-62.204	5
47	MP4C	Z	107.74	5
48	MP4C	Mx	.011	5
49	MP1A	X	-20.686	5.5
50	MP1A	Z	35.829	5.5
51	MP1A	Mx	.013	5.5
52	MP1B	X	-18.384	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
53	MP1B	Z	31.842	5.5
54	MP1B	Mx	-.014	5.5
55	MP2C	X	-18.384	5.5
56	MP2C	Z	31.842	5.5
57	MP2C	Mx	.014	5.5
58	MP4B	X	-22.849	5.5
59	MP4B	Z	39.576	5.5
60	MP4B	Mx	-.011	5.5
61	MP1A	X	-24.173	.7
62	MP1A	Z	41.868	.7
63	MP1A	Mx	.016	.7
64	MP1A	X	-24.173	2.7
65	MP1A	Z	41.868	2.7
66	MP1A	Mx	.016	2.7
67	MP1B	X	-20.713	.2
68	MP1B	Z	35.876	.2
69	MP1B	Mx	-.016	.2
70	MP1B	X	-20.713	2.7
71	MP1B	Z	35.876	2.7
72	MP1B	Mx	-.016	2.7
73	MP2C	X	-20.713	.7
74	MP2C	Z	35.876	.7
75	MP2C	Mx	.016	.7
76	MP2C	X	-20.713	2.7
77	MP2C	Z	35.876	2.7
78	MP2C	Mx	.016	2.7
79	MP4B	X	-27.424	.7
80	MP4B	Z	47.499	.7
81	MP4B	Mx	-.014	.7
82	MP4B	X	-27.424	2.7
83	MP4B	Z	47.499	2.7
84	MP4B	Mx	-.014	2.7
85	MP1C	X	-5.84	3
86	MP1C	Z	10.115	3
87	MP1C	Mx	-.003	3
88	MP2A	X	-5.84	3
89	MP2A	Z	10.115	3
90	MP2A	Mx	-.003	3
91	MP2B	X	-4.378	3
92	MP2B	Z	7.582	3
93	MP2B	Mx	.004	3
94	MP4C	X	-5.84	3
95	MP4C	Z	10.115	3
96	MP4C	Mx	-.003	3
97	MP2C	X	-29.434	1
98	MP2C	Z	50.981	1
99	MP2C	Mx	-.015	1
100	MP3A	X	-29.434	1
101	MP3A	Z	50.981	1
102	MP3A	Mx	-.015	1
103	MP3B	X	-21.803	1
104	MP3B	Z	37.763	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
105	MP3B	Mx	.022	1
106	MP5C	X	-29.434	1
107	MP5C	Z	50.981	1
108	MP5C	Mx	-.015	1
109	BETA RRH	X	-17.784	1
110	BETA RRH	Z	30.803	1
111	BETA RRH	Mx	0	1
112	GAMMA RRH 1	X	-24.325	1
113	GAMMA RRH 1	Z	42.132	1
114	GAMMA RRH 1	Mx	0	1
115	GAMMA RRH 2	X	-24.325	1
116	GAMMA RRH 2	Z	42.132	1
117	GAMMA RRH 2	Mx	0	1
118	MP2A	X	-24.325	1
119	MP2A	Z	42.132	1
120	MP2A	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1C	X	-100.888	2
2	MP1C	Z	58.247	2
3	MP1C	Mx	-.005	2
4	MP1C	X	-100.888	5
5	MP1C	Z	58.247	5
6	MP1C	Mx	-.005	5
7	MP1C	X	-100.888	2
8	MP1C	Z	58.247	2
9	MP1C	Mx	-.112	2
10	MP1C	X	-100.888	5
11	MP1C	Z	58.247	5
12	MP1C	Mx	-.112	5
13	MP2B	X	-158.229	2
14	MP2B	Z	91.353	2
15	MP2B	Mx	-.194	2
16	MP2B	X	-158.229	5
17	MP2B	Z	91.353	5
18	MP2B	Mx	-.194	5
19	MP2B	X	-158.229	2
20	MP2B	Z	91.353	2
21	MP2B	Mx	.121	2
22	MP2B	X	-158.229	5
23	MP2B	Z	91.353	5
24	MP2B	Mx	.121	5
25	MP2A	X	-94.025	2
26	MP2A	Z	54.285	2
27	MP2A	Mx	.049	2
28	MP2A	X	-94.025	5
29	MP2A	Z	54.285	5
30	MP2A	Mx	.049	5
31	MP2A	X	-94.025	2
32	MP2A	Z	54.285	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
33	MP2A	Mx	.104	2
34	MP2A	X	-94.025	5
35	MP2A	Z	54.285	5
36	MP2A	Mx	.104	5
37	MP4C	X	-129.495	2
38	MP4C	Z	74.764	2
39	MP4C	Mx	.144	2
40	MP4C	X	-129.495	5
41	MP4C	Z	74.764	5
42	MP4C	Mx	.144	5
43	MP4C	X	-129.495	2
44	MP4C	Z	74.764	2
45	MP4C	Mx	-.067	2
46	MP4C	X	-129.495	5
47	MP4C	Z	74.764	5
48	MP4C	Mx	-.067	5
49	MP1A	X	-25.04	5.5
50	MP1A	Z	14.457	5.5
51	MP1A	Mx	.014	5.5
52	MP1B	X	-42.63	5.5
53	MP1B	Z	24.613	5.5
54	MP1B	Mx	-.008	5.5
55	MP2C	X	-42.63	5.5
56	MP2C	Z	24.613	5.5
57	MP2C	Mx	.008	5.5
58	MP4B	X	-28.095	5.5
59	MP4B	Z	16.221	5.5
60	MP4B	Mx	-.014	5.5
61	MP1A	X	-25.654	.7
62	MP1A	Z	14.811	.7
63	MP1A	Mx	.014	.7
64	MP1A	X	-25.654	2.7
65	MP1A	Z	14.811	2.7
66	MP1A	Mx	.014	2.7
67	MP1B	X	-52.09	.2
68	MP1B	Z	30.074	.2
69	MP1B	Mx	-.01	.2
70	MP1B	X	-52.09	2.7
71	MP1B	Z	30.074	2.7
72	MP1B	Mx	-.01	2.7
73	MP2C	X	-52.09	.7
74	MP2C	Z	30.074	.7
75	MP2C	Mx	.01	.7
76	MP2C	X	-52.09	2.7
77	MP2C	Z	30.074	2.7
78	MP2C	Mx	.01	2.7
79	MP4B	X	-30.245	.7
80	MP4B	Z	17.462	.7
81	MP4B	Mx	-.015	.7
82	MP4B	X	-30.245	2.7
83	MP4B	Z	17.462	2.7
84	MP4B	Mx	-.015	2.7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
85	MP1C	X	-10.959	3
86	MP1C	Z	6.327	3
87	MP1C	Mx	0	3
88	MP2A	X	-8.426	3
89	MP2A	Z	4.865	3
90	MP2A	Mx	-.004	3
91	MP2B	X	-8.426	3
92	MP2B	Z	4.865	3
93	MP2B	Mx	.004	3
94	MP4C	X	-10.959	3
95	MP4C	Z	6.327	3
96	MP4C	Mx	0	3
97	MP2C	X	-55.386	1
98	MP2C	Z	31.977	1
99	MP2C	Mx	0	1
100	MP3A	X	-42.169	1
101	MP3A	Z	24.346	1
102	MP3A	Mx	-.021	1
103	MP3B	X	-42.169	1
104	MP3B	Z	24.346	1
105	MP3B	Mx	.021	1
106	MP5C	X	-55.386	1
107	MP5C	Z	31.977	1
108	MP5C	Mx	0	1
109	BETA RRH	X	-34.579	1
110	BETA RRH	Z	19.964	1
111	BETA RRH	Mx	0	1
112	GAMMA RRH 1	X	-45.908	1
113	GAMMA RRH 1	Z	26.505	1
114	GAMMA RRH 1	Mx	0	1
115	GAMMA RRH 2	X	-45.908	1
116	GAMMA RRH 2	Z	26.505	1
117	GAMMA RRH 2	Mx	0	1
118	MP2A	X	-34.579	1
119	MP2A	Z	19.964	1
120	MP2A	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1C	X	-90.346	2
2	MP1C	Z	0	2
3	MP1C	Mx	-.053	2
4	MP1C	X	-90.346	5
5	MP1C	Z	0	5
6	MP1C	Mx	-.053	5
7	MP1C	X	-90.346	2
8	MP1C	Z	0	2
9	MP1C	Mx	-.053	2
10	MP1C	X	-90.346	5
11	MP1C	Z	0	5
12	MP1C	Mx	-.053	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
13	MP2B	X	-191.788	2
14	MP2B	Z	0	2
15	MP2B	Mx	-.154	2
16	MP2B	X	-191.788	5
17	MP2B	Z	0	5
18	MP2B	Mx	-.154	5
19	MP2B	X	-191.788	2
20	MP2B	Z	0	2
21	MP2B	Mx	.193	2
22	MP2B	X	-191.788	5
23	MP2B	Z	0	5
24	MP2B	Mx	.193	5
25	MP2A	X	-103.928	2
26	MP2A	Z	0	2
27	MP2A	Mx	.09	2
28	MP2A	X	-103.928	5
29	MP2A	Z	0	5
30	MP2A	Mx	.09	5
31	MP2A	X	-103.928	2
32	MP2A	Z	0	2
33	MP2A	Mx	.063	2
34	MP2A	X	-103.928	5
35	MP2A	Z	0	5
36	MP2A	Mx	.063	5
37	MP4C	X	-154.17	2
38	MP4C	Z	0	2
39	MP4C	Mx	.094	2
40	MP4C	X	-154.17	5
41	MP4C	Z	0	5
42	MP4C	Mx	.094	5
43	MP4C	X	-154.17	2
44	MP4C	Z	0	2
45	MP4C	Mx	-.134	2
46	MP4C	X	-154.17	5
47	MP4C	Z	0	5
48	MP4C	Mx	-.134	5
49	MP1A	X	-26.612	5.5
50	MP1A	Z	0	5.5
51	MP1A	Mx	.013	5.5
52	MP1B	X	-51.527	5.5
53	MP1B	Z	0	5.5
54	MP1B	Mx	.004	5.5
55	MP2C	X	-51.527	5.5
56	MP2C	Z	0	5.5
57	MP2C	Mx	-.004	5.5
58	MP4B	X	-25.813	5.5
59	MP4B	Z	0	5.5
60	MP4B	Mx	-.013	5.5
61	MP1A	X	-26.163	.7
62	MP1A	Z	0	.7
63	MP1A	Mx	.013	.7
64	MP1A	X	-26.163	2.7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
65	MP1A	Z	0	2.7
66	MP1A	Mx	.013	2.7
67	MP1B	X	-63.608	.2
68	MP1B	Z	0	.2
69	MP1B	Mx	.006	.2
70	MP1B	X	-63.608	2.7
71	MP1B	Z	0	2.7
72	MP1B	Mx	.006	2.7
73	MP2C	X	-63.608	.7
74	MP2C	Z	0	.7
75	MP2C	Mx	-.006	.7
76	MP2C	X	-63.608	2.7
77	MP2C	Z	0	2.7
78	MP2C	Mx	-.006	2.7
79	MP4B	X	-24.961	.7
80	MP4B	Z	0	.7
81	MP4B	Mx	-.012	.7
82	MP4B	X	-24.961	2.7
83	MP4B	Z	0	2.7
84	MP4B	Mx	-.012	2.7
85	MP1C	X	-11.679	3
86	MP1C	Z	0	3
87	MP1C	Mx	.003	3
88	MP2A	X	-8.755	3
89	MP2A	Z	0	3
90	MP2A	Mx	-.004	3
91	MP2B	X	-11.679	3
92	MP2B	Z	0	3
93	MP2B	Mx	.003	3
94	MP4C	X	-11.679	3
95	MP4C	Z	0	3
96	MP4C	Mx	.003	3
97	MP2C	X	-58.867	1
98	MP2C	Z	0	1
99	MP2C	Mx	.015	1
100	MP3A	X	-43.605	1
101	MP3A	Z	0	1
102	MP3A	Mx	-.022	1
103	MP3B	X	-58.867	1
104	MP3B	Z	0	1
105	MP3B	Mx	.015	1
106	MP5C	X	-58.867	1
107	MP5C	Z	0	1
108	MP5C	Mx	.015	1
109	BETA RRH	X	-48.65	1
110	BETA RRH	Z	0	1
111	BETA RRH	Mx	0	1
112	GAMMA RRH 1	X	-48.65	1
113	GAMMA RRH 1	Z	0	1
114	GAMMA RRH 1	Mx	0	1
115	GAMMA RRH 2	X	-48.65	1
116	GAMMA RRH 2	Z	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
117	GAMMA RRH 2	Mx	0	1
118	MP2A	X	-35.568	1
119	MP2A	Z	0	1
120	MP2A	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1C	X	-100.888	2
2	MP1C	Z	-58.247	2
3	MP1C	Mx	-.112	2
4	MP1C	X	-100.888	5
5	MP1C	Z	-58.247	5
6	MP1C	Mx	-.112	5
7	MP1C	X	-100.888	2
8	MP1C	Z	-58.247	2
9	MP1C	Mx	-.005	2
10	MP1C	X	-100.888	5
11	MP1C	Z	-58.247	5
12	MP1C	Mx	-.005	5
13	MP2B	X	-131.398	2
14	MP2B	Z	-75.863	2
15	MP2B	Mx	-.05	2
16	MP2B	X	-131.398	5
17	MP2B	Z	-75.863	5
18	MP2B	Mx	-.05	5
19	MP2B	X	-131.398	2
20	MP2B	Z	-75.863	2
21	MP2B	Mx	.163	2
22	MP2B	X	-131.398	5
23	MP2B	Z	-75.863	5
24	MP2B	Mx	.163	5
25	MP2A	X	-107.74	2
26	MP2A	Z	-62.204	2
27	MP2A	Mx	.131	2
28	MP2A	X	-107.74	5
29	MP2A	Z	-62.204	5
30	MP2A	Mx	.131	5
31	MP2A	X	-107.74	2
32	MP2A	Z	-62.204	2
33	MP2A	Mx	.011	2
34	MP2A	X	-107.74	5
35	MP2A	Z	-62.204	5
36	MP2A	Mx	.011	5
37	MP4C	X	-115.78	2
38	MP4C	Z	-66.846	2
39	MP4C	Mx	.012	2
40	MP4C	X	-115.78	5
41	MP4C	Z	-66.846	5
42	MP4C	Mx	.012	5
43	MP4C	X	-115.78	2
44	MP4C	Z	-66.846	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
45	MP4C	Mx	-.141	2
46	MP4C	X	-115.78	5
47	MP4C	Z	-66.846	5
48	MP4C	Mx	-.141	5
49	MP1A	X	-31.842	5.5
50	MP1A	Z	-18.384	5.5
51	MP1A	Mx	.014	5.5
52	MP1B	X	-35.829	5.5
53	MP1B	Z	-20.686	5.5
54	MP1B	Mx	.013	5.5
55	MP2C	X	-35.829	5.5
56	MP2C	Z	-20.686	5.5
57	MP2C	Mx	-.013	5.5
58	MP4B	X	-28.095	5.5
59	MP4B	Z	-16.221	5.5
60	MP4B	Mx	-.014	5.5
61	MP1A	X	-35.876	.7
62	MP1A	Z	-20.713	.7
63	MP1A	Mx	.016	.7
64	MP1A	X	-35.876	2.7
65	MP1A	Z	-20.713	2.7
66	MP1A	Mx	.016	2.7
67	MP1B	X	-41.868	.2
68	MP1B	Z	-24.173	.2
69	MP1B	Mx	.016	.2
70	MP1B	X	-41.868	2.7
71	MP1B	Z	-24.173	2.7
72	MP1B	Mx	.016	2.7
73	MP2C	X	-41.868	.7
74	MP2C	Z	-24.173	.7
75	MP2C	Mx	-.016	.7
76	MP2C	X	-41.868	2.7
77	MP2C	Z	-24.173	2.7
78	MP2C	Mx	-.016	2.7
79	MP4B	X	-30.245	.7
80	MP4B	Z	-17.462	.7
81	MP4B	Mx	-.015	.7
82	MP4B	X	-30.245	2.7
83	MP4B	Z	-17.462	2.7
84	MP4B	Mx	-.015	2.7
85	MP1C	X	-8.426	3
86	MP1C	Z	-4.865	3
87	MP1C	Mx	.004	3
88	MP2A	X	-8.426	3
89	MP2A	Z	-4.865	3
90	MP2A	Mx	-.004	3
91	MP2B	X	-10.959	3
92	MP2B	Z	-6.327	3
93	MP2B	Mx	0	3
94	MP4C	X	-8.426	3
95	MP4C	Z	-4.865	3
96	MP4C	Mx	.004	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
97	MP2C	X	-42.169	1
98	MP2C	Z	-24.346	1
99	MP2C	Mx	.021	1
100	MP3A	X	-42.169	1
101	MP3A	Z	-24.346	1
102	MP3A	Mx	-.021	1
103	MP3B	X	-55.386	1
104	MP3B	Z	-31.977	1
105	MP3B	Mx	0	1
106	MP5C	X	-42.169	1
107	MP5C	Z	-24.346	1
108	MP5C	Mx	.021	1
109	BETA RRH	X	-45.908	1
110	BETA RRH	Z	-26.505	1
111	BETA RRH	Mx	0	1
112	GAMMA RRH 1	X	-34.579	1
113	GAMMA RRH 1	Z	-19.964	1
114	GAMMA RRH 1	Mx	0	1
115	GAMMA RRH 2	X	-34.579	1
116	GAMMA RRH 2	Z	-19.964	1
117	GAMMA RRH 2	Mx	0	1
118	MP2A	X	-34.579	1
119	MP2A	Z	-19.964	1
120	MP2A	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1C	X	-84.397	2
2	MP1C	Z	-146.179	2
3	MP1C	Mx	-.183	2
4	MP1C	X	-84.397	5
5	MP1C	Z	-146.179	5
6	MP1C	Mx	-.183	5
7	MP1C	X	-84.397	2
8	MP1C	Z	-146.179	2
9	MP1C	Mx	.085	2
10	MP1C	X	-84.397	5
11	MP1C	Z	-146.179	5
12	MP1C	Mx	.085	5
13	MP2B	X	-51.291	2
14	MP2B	Z	-88.838	2
15	MP2B	Mx	.024	2
16	MP2B	X	-51.291	5
17	MP2B	Z	-88.838	5
18	MP2B	Mx	.024	5
19	MP2B	X	-51.291	2
20	MP2B	Z	-88.838	2
21	MP2B	Mx	.088	2
22	MP2B	X	-51.291	5
23	MP2B	Z	-88.838	5
24	MP2B	Mx	.088	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
25	MP2A	X	-74.764	2
26	MP2A	Z	-129.495	2
27	MP2A	Mx	.144	2
28	MP2A	X	-74.764	5
29	MP2A	Z	-129.495	5
30	MP2A	Mx	.144	5
31	MP2A	X	-74.764	2
32	MP2A	Z	-129.495	2
33	MP2A	Mx	-.067	2
34	MP2A	X	-74.764	5
35	MP2A	Z	-129.495	5
36	MP2A	Mx	-.067	5
37	MP4C	X	-54.285	2
38	MP4C	Z	-94.025	2
39	MP4C	Mx	-.049	2
40	MP4C	X	-54.285	5
41	MP4C	Z	-94.025	5
42	MP4C	Mx	-.049	5
43	MP4C	X	-54.285	2
44	MP4C	Z	-94.025	2
45	MP4C	Mx	-.104	2
46	MP4C	X	-54.285	5
47	MP4C	Z	-94.025	5
48	MP4C	Mx	-.104	5
49	MP1A	X	-24.613	5.5
50	MP1A	Z	-42.63	5.5
51	MP1A	Mx	.008	5.5
52	MP1B	X	-14.457	5.5
53	MP1B	Z	-25.04	5.5
54	MP1B	Mx	.014	5.5
55	MP2C	X	-14.457	5.5
56	MP2C	Z	-25.04	5.5
57	MP2C	Mx	-.014	5.5
58	MP4B	X	-22.849	5.5
59	MP4B	Z	-39.576	5.5
60	MP4B	Mx	-.011	5.5
61	MP1A	X	-30.074	.7
62	MP1A	Z	-52.09	.7
63	MP1A	Mx	.01	.7
64	MP1A	X	-30.074	2.7
65	MP1A	Z	-52.09	2.7
66	MP1A	Mx	.01	2.7
67	MP1B	X	-14.811	.2
68	MP1B	Z	-25.654	.2
69	MP1B	Mx	.014	.2
70	MP1B	X	-14.811	2.7
71	MP1B	Z	-25.654	2.7
72	MP1B	Mx	.014	2.7
73	MP2C	X	-14.811	.7
74	MP2C	Z	-25.654	.7
75	MP2C	Mx	-.014	.7
76	MP2C	X	-14.811	2.7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
77	MP2C	Z	-25.654	2.7
78	MP2C	Mx	-.014	2.7
79	MP4B	X	-27.424	.7
80	MP4B	Z	-47.499	.7
81	MP4B	Mx	-.014	.7
82	MP4B	X	-27.424	2.7
83	MP4B	Z	-47.499	2.7
84	MP4B	Mx	-.014	2.7
85	MP1C	X	-4.378	3
86	MP1C	Z	-7.582	3
87	MP1C	Mx	.004	3
88	MP2A	X	-5.84	3
89	MP2A	Z	-10.115	3
90	MP2A	Mx	-.003	3
91	MP2B	X	-5.84	3
92	MP2B	Z	-10.115	3
93	MP2B	Mx	-.003	3
94	MP4C	X	-4.378	3
95	MP4C	Z	-7.582	3
96	MP4C	Mx	.004	3
97	MP2C	X	-21.803	1
98	MP2C	Z	-37.763	1
99	MP2C	Mx	.022	1
100	MP3A	X	-29.434	1
101	MP3A	Z	-50.981	1
102	MP3A	Mx	-.015	1
103	MP3B	X	-29.434	1
104	MP3B	Z	-50.981	1
105	MP3B	Mx	-.015	1
106	MP5C	X	-21.803	1
107	MP5C	Z	-37.763	1
108	MP5C	Mx	.022	1
109	BETA RRH	X	-24.325	1
110	BETA RRH	Z	-42.132	1
111	BETA RRH	Mx	0	1
112	GAMMA RRH 1	X	-17.784	1
113	GAMMA RRH 1	Z	-30.803	1
114	GAMMA RRH 1	Mx	0	1
115	GAMMA RRH 2	X	-17.784	1
116	GAMMA RRH 2	Z	-30.803	1
117	GAMMA RRH 2	Mx	0	1
118	MP2A	X	-24.325	1
119	MP2A	Z	-42.132	1
120	MP2A	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1C	X	0	2
2	MP1C	Z	-36.636	2
3	MP1C	Mx	-.034	2
4	MP1C	X	0	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
5	MP1C	Z	-36.636	5
6	MP1C	Mx	-.034	5
7	MP1C	X	0	2
8	MP1C	Z	-36.636	2
9	MP1C	Mx	.034	2
10	MP1C	X	0	5
11	MP1C	Z	-36.636	5
12	MP1C	Mx	.034	5
13	MP2B	X	0	2
14	MP2B	Z	-18.635	2
15	MP2B	Mx	.014	2
16	MP2B	X	0	5
17	MP2B	Z	-18.635	5
18	MP2B	Mx	.014	5
19	MP2B	X	0	2
20	MP2B	Z	-18.635	2
21	MP2B	Mx	.008	2
22	MP2B	X	0	5
23	MP2B	Z	-18.635	5
24	MP2B	Mx	.008	5
25	MP2A	X	0	2
26	MP2A	Z	-29.362	2
27	MP2A	Mx	.018	2
28	MP2A	X	0	5
29	MP2A	Z	-29.362	5
30	MP2A	Mx	.018	5
31	MP2A	X	0	2
32	MP2A	Z	-29.362	2
33	MP2A	Mx	-.026	2
34	MP2A	X	0	5
35	MP2A	Z	-29.362	5
36	MP2A	Mx	-.026	5
37	MP4C	X	0	2
38	MP4C	Z	-20.509	2
39	MP4C	Mx	-.018	2
40	MP4C	X	0	5
41	MP4C	Z	-20.509	5
42	MP4C	Mx	-.018	5
43	MP4C	X	0	2
44	MP4C	Z	-20.509	2
45	MP4C	Mx	-.012	2
46	MP4C	X	0	5
47	MP4C	Z	-20.509	5
48	MP4C	Mx	-.012	5
49	MP1A	X	0	5.5
50	MP1A	Z	-10.983	5.5
51	MP1A	Mx	-.000954	5.5
52	MP1B	X	0	5.5
53	MP1B	Z	-6.168	5.5
54	MP1B	Mx	.003	5.5
55	MP2C	X	0	5.5
56	MP2C	Z	-6.168	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
57	MP2C	Mx	-.003	5.5
58	MP4B	X	0	5.5
59	MP4B	Z	-11.137	5.5
60	MP4B	Mx	0	5.5
61	MP1A	X	0	.7
62	MP1A	Z	-12.644	.7
63	MP1A	Mx	-.001	.7
64	MP1A	X	0	2.7
65	MP1A	Z	-12.644	2.7
66	MP1A	Mx	-.001	2.7
67	MP1B	X	0	.2
68	MP1B	Z	-5.659	.2
69	MP1B	Mx	.003	.2
70	MP1B	X	0	2.7
71	MP1B	Z	-5.659	2.7
72	MP1B	Mx	.003	2.7
73	MP2C	X	0	.7
74	MP2C	Z	-5.659	.7
75	MP2C	Mx	-.003	.7
76	MP2C	X	0	2.7
77	MP2C	Z	-5.659	2.7
78	MP2C	Mx	-.003	2.7
79	MP4B	X	0	.7
80	MP4B	Z	-12.868	.7
81	MP4B	Mx	0	.7
82	MP4B	X	0	2.7
83	MP4B	Z	-12.868	2.7
84	MP4B	Mx	0	2.7
85	MP1C	X	0	3
86	MP1C	Z	-2.625	3
87	MP1C	Mx	.001	3
88	MP2A	X	0	3
89	MP2A	Z	-3.229	3
90	MP2A	Mx	0	3
91	MP2B	X	0	3
92	MP2B	Z	-2.625	3
93	MP2B	Mx	-.001	3
94	MP4C	X	0	3
95	MP4C	Z	-2.625	3
96	MP4C	Mx	.001	3
97	MP2C	X	0	1
98	MP2C	Z	-10.38	1
99	MP2C	Mx	.004	1
100	MP3A	X	0	1
101	MP3A	Z	-13.293	1
102	MP3A	Mx	0	1
103	MP3B	X	0	1
104	MP3B	Z	-10.38	1
105	MP3B	Mx	-.004	1
106	MP5C	X	0	1
107	MP5C	Z	-10.38	1
108	MP5C	Mx	.004	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
109	BETA RRH	X	0	1
110	BETA RRH	Z	-10.259	1
111	BETA RRH	Mx	0	1
112	GAMMA RRH 1	X	0	1
113	GAMMA RRH 1	Z	-10.259	1
114	GAMMA RRH 1	Mx	0	1
115	GAMMA RRH 2	X	0	1
116	GAMMA RRH 2	Z	-10.259	1
117	GAMMA RRH 2	Mx	0	1
118	MP2A	X	0	1
119	MP2A	Z	-13.293	1
120	MP2A	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1C	X	15.998	2
2	MP1C	Z	-27.709	2
3	MP1C	Mx	-.016	2
4	MP1C	X	15.998	5
5	MP1C	Z	-27.709	5
6	MP1C	Mx	-.016	5
7	MP1C	X	15.998	2
8	MP1C	Z	-27.709	2
9	MP1C	Mx	.035	2
10	MP1C	X	15.998	5
11	MP1C	Z	-27.709	5
12	MP1C	Mx	.035	5
13	MP2B	X	12.872	2
14	MP2B	Z	-22.295	2
15	MP2B	Mx	.027	2
16	MP2B	X	12.872	5
17	MP2B	Z	-22.295	5
18	MP2B	Mx	.027	5
19	MP2B	X	12.872	2
20	MP2B	Z	-22.295	2
21	MP2B	Mx	-.004	2
22	MP2B	X	12.872	5
23	MP2B	Z	-22.295	5
24	MP2B	Mx	-.004	5
25	MP2A	X	12.877	2
26	MP2A	Z	-22.303	2
27	MP2A	Mx	.002	2
28	MP2A	X	12.877	5
29	MP2A	Z	-22.303	5
30	MP2A	Mx	.002	5
31	MP2A	X	12.877	2
32	MP2A	Z	-22.303	2
33	MP2A	Mx	-.027	2
34	MP2A	X	12.877	5
35	MP2A	Z	-22.303	5
36	MP2A	Mx	-.027	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
37	MP4C	X	12.059	2
38	MP4C	Z	-20.886	2
39	MP4C	Mx	-.025	2
40	MP4C	X	12.059	5
41	MP4C	Z	-20.886	5
42	MP4C	Mx	-.025	5
43	MP4C	X	12.059	2
44	MP4C	Z	-20.886	2
45	MP4C	Mx	-.002	2
46	MP4C	X	12.059	5
47	MP4C	Z	-20.886	5
48	MP4C	Mx	-.002	5
49	MP1A	X	4.51	5.5
50	MP1A	Z	-7.812	5.5
51	MP1A	Mx	-.003	5.5
52	MP1B	X	4.065	5.5
53	MP1B	Z	-7.041	5.5
54	MP1B	Mx	.003	5.5
55	MP2C	X	4.065	5.5
56	MP2C	Z	-7.041	5.5
57	MP2C	Mx	-.003	5.5
58	MP4B	X	4.928	5.5
59	MP4B	Z	-8.536	5.5
60	MP4B	Mx	.002	5.5
61	MP1A	X	4.898	.7
62	MP1A	Z	-8.484	.7
63	MP1A	Mx	-.003	.7
64	MP1A	X	4.898	2.7
65	MP1A	Z	-8.484	2.7
66	MP1A	Mx	-.003	2.7
67	MP1B	X	4.253	.2
68	MP1B	Z	-7.366	.2
69	MP1B	Mx	.003	.2
70	MP1B	X	4.253	2.7
71	MP1B	Z	-7.366	2.7
72	MP1B	Mx	.003	2.7
73	MP2C	X	4.253	.7
74	MP2C	Z	-7.366	.7
75	MP2C	Mx	-.003	.7
76	MP2C	X	4.253	2.7
77	MP2C	Z	-7.366	2.7
78	MP2C	Mx	-.003	2.7
79	MP4B	X	5.505	.7
80	MP4B	Z	-9.535	.7
81	MP4B	Mx	.003	.7
82	MP4B	X	5.505	2.7
83	MP4B	Z	-9.535	2.7
84	MP4B	Mx	.003	2.7
85	MP1C	X	1.514	3
86	MP1C	Z	-2.622	3
87	MP1C	Mx	.000757	3
88	MP2A	X	1.514	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
89	MP2A	Z	-2.622	3
90	MP2A	Mx	.000757	3
91	MP2B	X	1.212	3
92	MP2B	Z	-2.099	3
93	MP2B	Mx	-.001	3
94	MP4C	X	1.514	3
95	MP4C	Z	-2.622	3
96	MP4C	Mx	.000757	3
97	MP2C	X	6.161	1
98	MP2C	Z	-10.671	1
99	MP2C	Mx	.003	1
100	MP3A	X	6.161	1
101	MP3A	Z	-10.671	1
102	MP3A	Mx	.003	1
103	MP3B	X	4.705	1
104	MP3B	Z	-8.149	1
105	MP3B	Mx	-.005	1
106	MP5C	X	6.161	1
107	MP5C	Z	-10.671	1
108	MP5C	Mx	.003	1
109	BETA RRH	X	4.624	1
110	BETA RRH	Z	-8.009	1
111	BETA RRH	Mx	0	1
112	GAMMA RRH 1	X	6.141	1
113	GAMMA RRH 1	Z	-10.636	1
114	GAMMA RRH 1	Mx	0	1
115	GAMMA RRH 2	X	6.141	1
116	GAMMA RRH 2	Z	-10.636	1
117	GAMMA RRH 2	Mx	0	1
118	MP2A	X	6.141	1
119	MP2A	Z	-10.636	1
120	MP2A	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1C	X	19.672	2
2	MP1C	Z	-11.358	2
3	MP1C	Mx	.001	2
4	MP1C	X	19.672	5
5	MP1C	Z	-11.358	5
6	MP1C	Mx	.001	5
7	MP1C	X	19.672	2
8	MP1C	Z	-11.358	2
9	MP1C	Mx	.022	2
10	MP1C	X	19.672	5
11	MP1C	Z	-11.358	5
12	MP1C	Mx	.022	5
13	MP2B	X	29.848	2
14	MP2B	Z	-17.233	2
15	MP2B	Mx	.037	2
16	MP2B	X	29.848	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
17	MP2B	Z	-17.233	5
18	MP2B	Mx	.037	5
19	MP2B	X	29.848	2
20	MP2B	Z	-17.233	2
21	MP2B	Mx	-.023	2
22	MP2B	X	29.848	5
23	MP2B	Z	-17.233	5
24	MP2B	Mx	-.023	5
25	MP2A	X	18.47	2
26	MP2A	Z	-10.664	2
27	MP2A	Mx	-.01	2
28	MP2A	X	18.47	5
29	MP2A	Z	-10.664	5
30	MP2A	Mx	-.01	5
31	MP2A	X	18.47	2
32	MP2A	Z	-10.664	2
33	MP2A	Mx	-.021	2
34	MP2A	X	18.47	5
35	MP2A	Z	-10.664	5
36	MP2A	Mx	-.021	5
37	MP4C	X	24.72	2
38	MP4C	Z	-14.272	2
39	MP4C	Mx	-.027	2
40	MP4C	X	24.72	5
41	MP4C	Z	-14.272	5
42	MP4C	Mx	-.027	5
43	MP4C	X	24.72	2
44	MP4C	Z	-14.272	2
45	MP4C	Mx	.013	2
46	MP4C	X	24.72	5
47	MP4C	Z	-14.272	5
48	MP4C	Mx	.013	5
49	MP1A	X	5.727	5.5
50	MP1A	Z	-3.306	5.5
51	MP1A	Mx	-.003	5.5
52	MP1B	X	9.126	5.5
53	MP1B	Z	-5.269	5.5
54	MP1B	Mx	.002	5.5
55	MP2C	X	9.126	5.5
56	MP2C	Z	-5.269	5.5
57	MP2C	Mx	-.002	5.5
58	MP4B	X	6.317	5.5
59	MP4B	Z	-3.647	5.5
60	MP4B	Mx	.003	5.5
61	MP1A	X	5.46	.7
62	MP1A	Z	-3.152	.7
63	MP1A	Mx	-.003	.7
64	MP1A	X	5.46	2.7
65	MP1A	Z	-3.152	2.7
66	MP1A	Mx	-.003	2.7
67	MP1B	X	10.391	.2
68	MP1B	Z	-5.999	.2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
69	MP1B	Mx	.002	.2
70	MP1B	X	10.391	2.7
71	MP1B	Z	-5.999	2.7
72	MP1B	Mx	.002	2.7
73	MP2C	X	10.391	.7
74	MP2C	Z	-5.999	.7
75	MP2C	Mx	-.002	.7
76	MP2C	X	10.391	2.7
77	MP2C	Z	-5.999	2.7
78	MP2C	Mx	-.002	2.7
79	MP4B	X	6.316	.7
80	MP4B	Z	-3.647	.7
81	MP4B	Mx	.003	.7
82	MP4B	X	6.316	2.7
83	MP4B	Z	-3.647	2.7
84	MP4B	Mx	.003	2.7
85	MP1C	X	2.796	3
86	MP1C	Z	-1.614	3
87	MP1C	Mx	0	3
88	MP2A	X	2.273	3
89	MP2A	Z	-1.312	3
90	MP2A	Mx	.001	3
91	MP2B	X	2.273	3
92	MP2B	Z	-1.312	3
93	MP2B	Mx	-.001	3
94	MP4C	X	2.796	3
95	MP4C	Z	-1.614	3
96	MP4C	Mx	0	3
97	MP2C	X	11.512	1
98	MP2C	Z	-6.646	1
99	MP2C	Mx	0	1
100	MP3A	X	8.989	1
101	MP3A	Z	-5.19	1
102	MP3A	Mx	.004	1
103	MP3B	X	8.989	1
104	MP3B	Z	-5.19	1
105	MP3B	Mx	-.004	1
106	MP5C	X	11.512	1
107	MP5C	Z	-6.646	1
108	MP5C	Mx	0	1
109	BETA RRH	X	8.884	1
110	BETA RRH	Z	-5.129	1
111	BETA RRH	Mx	0	1
112	GAMMA RRH 1	X	11.512	1
113	GAMMA RRH 1	Z	-6.646	1
114	GAMMA RRH 1	Mx	0	1
115	GAMMA RRH 2	X	11.512	1
116	GAMMA RRH 2	Z	-6.646	1
117	GAMMA RRH 2	Mx	0	1
118	MP2A	X	8.884	1
119	MP2A	Z	-5.129	1
120	MP2A	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1C	X	18.075	2
2	MP1C	Z	0	2
3	MP1C	Mx	.011	2
4	MP1C	X	18.075	5
5	MP1C	Z	0	5
6	MP1C	Mx	.011	5
7	MP1C	X	18.075	2
8	MP1C	Z	0	2
9	MP1C	Mx	.011	2
10	MP1C	X	18.075	5
11	MP1C	Z	0	5
12	MP1C	Mx	.011	5
13	MP2B	X	36.077	2
14	MP2B	Z	0	2
15	MP2B	Mx	.029	2
16	MP2B	X	36.077	5
17	MP2B	Z	0	5
18	MP2B	Mx	.029	5
19	MP2B	X	36.077	2
20	MP2B	Z	0	2
21	MP2B	Mx	-.036	2
22	MP2B	X	36.077	5
23	MP2B	Z	0	5
24	MP2B	Mx	-.036	5
25	MP2A	X	20.509	2
26	MP2A	Z	0	2
27	MP2A	Mx	-.018	2
28	MP2A	X	20.509	5
29	MP2A	Z	0	5
30	MP2A	Mx	-.018	5
31	MP2A	X	20.509	2
32	MP2A	Z	0	2
33	MP2A	Mx	-.012	2
34	MP2A	X	20.509	5
35	MP2A	Z	0	5
36	MP2A	Mx	-.012	5
37	MP4C	X	29.362	2
38	MP4C	Z	0	2
39	MP4C	Mx	-.018	2
40	MP4C	X	29.362	5
41	MP4C	Z	0	5
42	MP4C	Mx	-.018	5
43	MP4C	X	29.362	2
44	MP4C	Z	0	2
45	MP4C	Mx	.026	2
46	MP4C	X	29.362	5
47	MP4C	Z	0	5
48	MP4C	Mx	.026	5
49	MP1A	X	6.168	5.5
50	MP1A	Z	0	5.5
51	MP1A	Mx	-.003	5.5
52	MP1B	X	10.983	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
53	MP1B	Z	0	5.5
54	MP1B	Mx	-.000954	5.5
55	MP2C	X	10.983	5.5
56	MP2C	Z	0	5.5
57	MP2C	Mx	.000954	5.5
58	MP4B	X	6.014	5.5
59	MP4B	Z	0	5.5
60	MP4B	Mx	.003	5.5
61	MP1A	X	5.659	.7
62	MP1A	Z	0	.7
63	MP1A	Mx	-.003	.7
64	MP1A	X	5.659	2.7
65	MP1A	Z	0	2.7
66	MP1A	Mx	-.003	2.7
67	MP1B	X	12.644	.2
68	MP1B	Z	0	.2
69	MP1B	Mx	-.001	.2
70	MP1B	X	12.644	2.7
71	MP1B	Z	0	2.7
72	MP1B	Mx	-.001	2.7
73	MP2C	X	12.644	.7
74	MP2C	Z	0	.7
75	MP2C	Mx	.001	.7
76	MP2C	X	12.644	2.7
77	MP2C	Z	0	2.7
78	MP2C	Mx	.001	2.7
79	MP4B	X	5.435	.7
80	MP4B	Z	0	.7
81	MP4B	Mx	.003	.7
82	MP4B	X	5.435	2.7
83	MP4B	Z	0	2.7
84	MP4B	Mx	.003	2.7
85	MP1C	X	3.027	3
86	MP1C	Z	0	3
87	MP1C	Mx	-.000757	3
88	MP2A	X	2.423	3
89	MP2A	Z	0	3
90	MP2A	Mx	.001	3
91	MP2B	X	3.027	3
92	MP2B	Z	0	3
93	MP2B	Mx	-.000757	3
94	MP4C	X	3.027	3
95	MP4C	Z	0	3
96	MP4C	Mx	-.000757	3
97	MP2C	X	12.322	1
98	MP2C	Z	0	1
99	MP2C	Mx	-.003	1
100	MP3A	X	9.409	1
101	MP3A	Z	0	1
102	MP3A	Mx	.005	1
103	MP3B	X	12.322	1
104	MP3B	Z	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
105	MP3B	Mx	-.003	1
106	MP5C	X	12.322	1
107	MP5C	Z	0	1
108	MP5C	Mx	-.003	1
109	BETA RRH	X	12.281	1
110	BETA RRH	Z	0	1
111	BETA RRH	Mx	0	1
112	GAMMA RRH 1	X	12.281	1
113	GAMMA RRH 1	Z	0	1
114	GAMMA RRH 1	Mx	0	1
115	GAMMA RRH 2	X	12.281	1
116	GAMMA RRH 2	Z	0	1
117	GAMMA RRH 2	Mx	0	1
118	MP2A	X	9.247	1
119	MP2A	Z	0	1
120	MP2A	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1C	X	19.672	2
2	MP1C	Z	11.358	2
3	MP1C	Mx	.022	2
4	MP1C	X	19.672	5
5	MP1C	Z	11.358	5
6	MP1C	Mx	.022	5
7	MP1C	X	19.672	2
8	MP1C	Z	11.358	2
9	MP1C	Mx	.001	2
10	MP1C	X	19.672	5
11	MP1C	Z	11.358	5
12	MP1C	Mx	.001	5
13	MP2B	X	25.086	2
14	MP2B	Z	14.484	2
15	MP2B	Mx	.009	2
16	MP2B	X	25.086	5
17	MP2B	Z	14.484	5
18	MP2B	Mx	.009	5
19	MP2B	X	25.086	2
20	MP2B	Z	14.484	2
21	MP2B	Mx	-.031	2
22	MP2B	X	25.086	5
23	MP2B	Z	14.484	5
24	MP2B	Mx	-.031	5
25	MP2A	X	20.886	2
26	MP2A	Z	12.059	2
27	MP2A	Mx	-.025	2
28	MP2A	X	20.886	5
29	MP2A	Z	12.059	5
30	MP2A	Mx	-.025	5
31	MP2A	X	20.886	2
32	MP2A	Z	12.059	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
33	MP2A	Mx	-.002	2
34	MP2A	X	20.886	5
35	MP2A	Z	12.059	5
36	MP2A	Mx	-.002	5
37	MP4C	X	22.303	2
38	MP4C	Z	12.877	2
39	MP4C	Mx	-.002	2
40	MP4C	X	22.303	5
41	MP4C	Z	12.877	5
42	MP4C	Mx	-.002	5
43	MP4C	X	22.303	2
44	MP4C	Z	12.877	2
45	MP4C	Mx	.027	2
46	MP4C	X	22.303	5
47	MP4C	Z	12.877	5
48	MP4C	Mx	.027	5
49	MP1A	X	7.041	5.5
50	MP1A	Z	4.065	5.5
51	MP1A	Mx	-.003	5.5
52	MP1B	X	7.812	5.5
53	MP1B	Z	4.51	5.5
54	MP1B	Mx	-.003	5.5
55	MP2C	X	7.812	5.5
56	MP2C	Z	4.51	5.5
57	MP2C	Mx	.003	5.5
58	MP4B	X	6.317	5.5
59	MP4B	Z	3.647	5.5
60	MP4B	Mx	.003	5.5
61	MP1A	X	7.366	.7
62	MP1A	Z	4.253	.7
63	MP1A	Mx	-.003	.7
64	MP1A	X	7.366	2.7
65	MP1A	Z	4.253	2.7
66	MP1A	Mx	-.003	2.7
67	MP1B	X	8.484	.2
68	MP1B	Z	4.898	.2
69	MP1B	Mx	-.003	.2
70	MP1B	X	8.484	2.7
71	MP1B	Z	4.898	2.7
72	MP1B	Mx	-.003	2.7
73	MP2C	X	8.484	.7
74	MP2C	Z	4.898	.7
75	MP2C	Mx	.003	.7
76	MP2C	X	8.484	2.7
77	MP2C	Z	4.898	2.7
78	MP2C	Mx	.003	2.7
79	MP4B	X	6.316	.7
80	MP4B	Z	3.647	.7
81	MP4B	Mx	.003	.7
82	MP4B	X	6.316	2.7
83	MP4B	Z	3.647	2.7
84	MP4B	Mx	.003	2.7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
85	MP1C	X	2.273	3
86	MP1C	Z	1.312	3
87	MP1C	Mx	-.001	3
88	MP2A	X	2.273	3
89	MP2A	Z	1.312	3
90	MP2A	Mx	.001	3
91	MP2B	X	2.796	3
92	MP2B	Z	1.614	3
93	MP2B	Mx	0	3
94	MP4C	X	2.273	3
95	MP4C	Z	1.312	3
96	MP4C	Mx	-.001	3
97	MP2C	X	8.989	1
98	MP2C	Z	5.19	1
99	MP2C	Mx	-.004	1
100	MP3A	X	8.989	1
101	MP3A	Z	5.19	1
102	MP3A	Mx	.004	1
103	MP3B	X	11.512	1
104	MP3B	Z	6.646	1
105	MP3B	Mx	0	1
106	MP5C	X	8.989	1
107	MP5C	Z	5.19	1
108	MP5C	Mx	-.004	1
109	BETA RRH	X	11.512	1
110	BETA RRH	Z	6.646	1
111	BETA RRH	Mx	0	1
112	GAMMA RRH 1	X	8.884	1
113	GAMMA RRH 1	Z	5.129	1
114	GAMMA RRH 1	Mx	0	1
115	GAMMA RRH 2	X	8.884	1
116	GAMMA RRH 2	Z	5.129	1
117	GAMMA RRH 2	Mx	0	1
118	MP2A	X	8.884	1
119	MP2A	Z	5.129	1
120	MP2A	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1C	X	15.998	2
2	MP1C	Z	27.709	2
3	MP1C	Mx	.035	2
4	MP1C	X	15.998	5
5	MP1C	Z	27.709	5
6	MP1C	Mx	.035	5
7	MP1C	X	15.998	2
8	MP1C	Z	27.709	2
9	MP1C	Mx	-.016	2
10	MP1C	X	15.998	5
11	MP1C	Z	27.709	5
12	MP1C	Mx	-.016	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
13	MP2B	X	10.123	2
14	MP2B	Z	17.534	2
15	MP2B	Mx	-.005	2
16	MP2B	X	10.123	5
17	MP2B	Z	17.534	5
18	MP2B	Mx	-.005	5
19	MP2B	X	10.123	2
20	MP2B	Z	17.534	2
21	MP2B	Mx	-.017	2
22	MP2B	X	10.123	5
23	MP2B	Z	17.534	5
24	MP2B	Mx	-.017	5
25	MP2A	X	14.272	2
26	MP2A	Z	24.72	2
27	MP2A	Mx	-.027	2
28	MP2A	X	14.272	5
29	MP2A	Z	24.72	5
30	MP2A	Mx	-.027	5
31	MP2A	X	14.272	2
32	MP2A	Z	24.72	2
33	MP2A	Mx	.013	2
34	MP2A	X	14.272	5
35	MP2A	Z	24.72	5
36	MP2A	Mx	.013	5
37	MP4C	X	10.664	2
38	MP4C	Z	18.47	2
39	MP4C	Mx	.01	2
40	MP4C	X	10.664	5
41	MP4C	Z	18.47	5
42	MP4C	Mx	.01	5
43	MP4C	X	10.664	2
44	MP4C	Z	18.47	2
45	MP4C	Mx	.021	2
46	MP4C	X	10.664	5
47	MP4C	Z	18.47	5
48	MP4C	Mx	.021	5
49	MP1A	X	5.269	5.5
50	MP1A	Z	9.126	5.5
51	MP1A	Mx	-.002	5.5
52	MP1B	X	3.306	5.5
53	MP1B	Z	5.727	5.5
54	MP1B	Mx	-.003	5.5
55	MP2C	X	3.306	5.5
56	MP2C	Z	5.727	5.5
57	MP2C	Mx	.003	5.5
58	MP4B	X	4.928	5.5
59	MP4B	Z	8.536	5.5
60	MP4B	Mx	.002	5.5
61	MP1A	X	5.999	.7
62	MP1A	Z	10.391	.7
63	MP1A	Mx	-.002	.7
64	MP1A	X	5.999	2.7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
65	MP1A	Z	10.391	2.7
66	MP1A	Mx	-.002	2.7
67	MP1B	X	3.152	.2
68	MP1B	Z	5.46	.2
69	MP1B	Mx	-.003	.2
70	MP1B	X	3.152	2.7
71	MP1B	Z	5.46	2.7
72	MP1B	Mx	-.003	2.7
73	MP2C	X	3.152	.7
74	MP2C	Z	5.46	.7
75	MP2C	Mx	.003	.7
76	MP2C	X	3.152	2.7
77	MP2C	Z	5.46	2.7
78	MP2C	Mx	.003	2.7
79	MP4B	X	5.505	.7
80	MP4B	Z	9.535	.7
81	MP4B	Mx	.003	.7
82	MP4B	X	5.505	2.7
83	MP4B	Z	9.535	2.7
84	MP4B	Mx	.003	2.7
85	MP1C	X	1.212	3
86	MP1C	Z	2.099	3
87	MP1C	Mx	-.001	3
88	MP2A	X	1.514	3
89	MP2A	Z	2.622	3
90	MP2A	Mx	.000757	3
91	MP2B	X	1.514	3
92	MP2B	Z	2.622	3
93	MP2B	Mx	.000757	3
94	MP4C	X	1.212	3
95	MP4C	Z	2.099	3
96	MP4C	Mx	-.001	3
97	MP2C	X	4.705	1
98	MP2C	Z	8.149	1
99	MP2C	Mx	-.005	1
100	MP3A	X	6.161	1
101	MP3A	Z	10.671	1
102	MP3A	Mx	.003	1
103	MP3B	X	6.161	1
104	MP3B	Z	10.671	1
105	MP3B	Mx	.003	1
106	MP5C	X	4.705	1
107	MP5C	Z	8.149	1
108	MP5C	Mx	-.005	1
109	BETA RRH	X	6.141	1
110	BETA RRH	Z	10.636	1
111	BETA RRH	Mx	0	1
112	GAMMA RRH 1	X	4.624	1
113	GAMMA RRH 1	Z	8.009	1
114	GAMMA RRH 1	Mx	0	1
115	GAMMA RRH 2	X	4.624	1
116	GAMMA RRH 2	Z	8.009	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
117	GAMMA RRH 2	Mx	0	1
118	MP2A	X	6.141	1
119	MP2A	Z	10.636	1
120	MP2A	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1C	X	0	2
2	MP1C	Z	36.636	2
3	MP1C	Mx	.034	2
4	MP1C	X	0	5
5	MP1C	Z	36.636	5
6	MP1C	Mx	.034	5
7	MP1C	X	0	2
8	MP1C	Z	36.636	2
9	MP1C	Mx	-.034	2
10	MP1C	X	0	5
11	MP1C	Z	36.636	5
12	MP1C	Mx	-.034	5
13	MP2B	X	0	2
14	MP2B	Z	18.635	2
15	MP2B	Mx	-.014	2
16	MP2B	X	0	5
17	MP2B	Z	18.635	5
18	MP2B	Mx	-.014	5
19	MP2B	X	0	2
20	MP2B	Z	18.635	2
21	MP2B	Mx	-.008	2
22	MP2B	X	0	5
23	MP2B	Z	18.635	5
24	MP2B	Mx	-.008	5
25	MP2A	X	0	2
26	MP2A	Z	29.362	2
27	MP2A	Mx	-.018	2
28	MP2A	X	0	5
29	MP2A	Z	29.362	5
30	MP2A	Mx	-.018	5
31	MP2A	X	0	2
32	MP2A	Z	29.362	2
33	MP2A	Mx	.026	2
34	MP2A	X	0	5
35	MP2A	Z	29.362	5
36	MP2A	Mx	.026	5
37	MP4C	X	0	2
38	MP4C	Z	20.509	2
39	MP4C	Mx	.018	2
40	MP4C	X	0	5
41	MP4C	Z	20.509	5
42	MP4C	Mx	.018	5
43	MP4C	X	0	2
44	MP4C	Z	20.509	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
45	MP4C	Mx	.012	2
46	MP4C	X	0	5
47	MP4C	Z	20.509	5
48	MP4C	Mx	.012	5
49	MP1A	X	0	5.5
50	MP1A	Z	10.983	5.5
51	MP1A	Mx	.000954	5.5
52	MP1B	X	0	5.5
53	MP1B	Z	6.168	5.5
54	MP1B	Mx	-.003	5.5
55	MP2C	X	0	5.5
56	MP2C	Z	6.168	5.5
57	MP2C	Mx	.003	5.5
58	MP4B	X	0	5.5
59	MP4B	Z	11.137	5.5
60	MP4B	Mx	0	5.5
61	MP1A	X	0	.7
62	MP1A	Z	12.644	.7
63	MP1A	Mx	.001	.7
64	MP1A	X	0	2.7
65	MP1A	Z	12.644	2.7
66	MP1A	Mx	.001	2.7
67	MP1B	X	0	.2
68	MP1B	Z	5.659	.2
69	MP1B	Mx	-.003	.2
70	MP1B	X	0	2.7
71	MP1B	Z	5.659	2.7
72	MP1B	Mx	-.003	2.7
73	MP2C	X	0	.7
74	MP2C	Z	5.659	.7
75	MP2C	Mx	.003	.7
76	MP2C	X	0	2.7
77	MP2C	Z	5.659	2.7
78	MP2C	Mx	.003	2.7
79	MP4B	X	0	.7
80	MP4B	Z	12.868	.7
81	MP4B	Mx	0	.7
82	MP4B	X	0	2.7
83	MP4B	Z	12.868	2.7
84	MP4B	Mx	0	2.7
85	MP1C	X	0	3
86	MP1C	Z	2.625	3
87	MP1C	Mx	-.001	3
88	MP2A	X	0	3
89	MP2A	Z	3.229	3
90	MP2A	Mx	0	3
91	MP2B	X	0	3
92	MP2B	Z	2.625	3
93	MP2B	Mx	.001	3
94	MP4C	X	0	3
95	MP4C	Z	2.625	3
96	MP4C	Mx	-.001	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
97	MP2C	X	0	1
98	MP2C	Z	10.38	1
99	MP2C	Mx	-.004	1
100	MP3A	X	0	1
101	MP3A	Z	13.293	1
102	MP3A	Mx	0	1
103	MP3B	X	0	1
104	MP3B	Z	10.38	1
105	MP3B	Mx	.004	1
106	MP5C	X	0	1
107	MP5C	Z	10.38	1
108	MP5C	Mx	-.004	1
109	BETA RRH	X	0	1
110	BETA RRH	Z	10.259	1
111	BETA RRH	Mx	0	1
112	GAMMA RRH 1	X	0	1
113	GAMMA RRH 1	Z	10.259	1
114	GAMMA RRH 1	Mx	0	1
115	GAMMA RRH 2	X	0	1
116	GAMMA RRH 2	Z	10.259	1
117	GAMMA RRH 2	Mx	0	1
118	MP2A	X	0	1
119	MP2A	Z	13.293	1
120	MP2A	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1C	X	-15.998	2
2	MP1C	Z	27.709	2
3	MP1C	Mx	.016	2
4	MP1C	X	-15.998	5
5	MP1C	Z	27.709	5
6	MP1C	Mx	.016	5
7	MP1C	X	-15.998	2
8	MP1C	Z	27.709	2
9	MP1C	Mx	-.035	2
10	MP1C	X	-15.998	5
11	MP1C	Z	27.709	5
12	MP1C	Mx	-.035	5
13	MP2B	X	-12.872	2
14	MP2B	Z	22.295	2
15	MP2B	Mx	-.027	2
16	MP2B	X	-12.872	5
17	MP2B	Z	22.295	5
18	MP2B	Mx	-.027	5
19	MP2B	X	-12.872	2
20	MP2B	Z	22.295	2
21	MP2B	Mx	.004	2
22	MP2B	X	-12.872	5
23	MP2B	Z	22.295	5
24	MP2B	Mx	.004	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
25	MP2A	X	-12.877	2
26	MP2A	Z	22.303	2
27	MP2A	Mx	-.002	2
28	MP2A	X	-12.877	5
29	MP2A	Z	22.303	5
30	MP2A	Mx	-.002	5
31	MP2A	X	-12.877	2
32	MP2A	Z	22.303	2
33	MP2A	Mx	.027	2
34	MP2A	X	-12.877	5
35	MP2A	Z	22.303	5
36	MP2A	Mx	.027	5
37	MP4C	X	-12.059	2
38	MP4C	Z	20.886	2
39	MP4C	Mx	.025	2
40	MP4C	X	-12.059	5
41	MP4C	Z	20.886	5
42	MP4C	Mx	.025	5
43	MP4C	X	-12.059	2
44	MP4C	Z	20.886	2
45	MP4C	Mx	.002	2
46	MP4C	X	-12.059	5
47	MP4C	Z	20.886	5
48	MP4C	Mx	.002	5
49	MP1A	X	-4.51	5.5
50	MP1A	Z	7.812	5.5
51	MP1A	Mx	.003	5.5
52	MP1B	X	-4.065	5.5
53	MP1B	Z	7.041	5.5
54	MP1B	Mx	-.003	5.5
55	MP2C	X	-4.065	5.5
56	MP2C	Z	7.041	5.5
57	MP2C	Mx	.003	5.5
58	MP4B	X	-4.928	5.5
59	MP4B	Z	8.536	5.5
60	MP4B	Mx	-.002	5.5
61	MP1A	X	-4.898	.7
62	MP1A	Z	8.484	.7
63	MP1A	Mx	.003	.7
64	MP1A	X	-4.898	2.7
65	MP1A	Z	8.484	2.7
66	MP1A	Mx	.003	2.7
67	MP1B	X	-4.253	.2
68	MP1B	Z	7.366	.2
69	MP1B	Mx	-.003	.2
70	MP1B	X	-4.253	2.7
71	MP1B	Z	7.366	2.7
72	MP1B	Mx	-.003	2.7
73	MP2C	X	-4.253	.7
74	MP2C	Z	7.366	.7
75	MP2C	Mx	.003	.7
76	MP2C	X	-4.253	2.7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
77	MP2C	Z	7.366	2.7
78	MP2C	Mx	.003	2.7
79	MP4B	X	-5.505	.7
80	MP4B	Z	9.535	.7
81	MP4B	Mx	-.003	.7
82	MP4B	X	-5.505	2.7
83	MP4B	Z	9.535	2.7
84	MP4B	Mx	-.003	2.7
85	MP1C	X	-1.514	3
86	MP1C	Z	2.622	3
87	MP1C	Mx	-.000757	3
88	MP2A	X	-1.514	3
89	MP2A	Z	2.622	3
90	MP2A	Mx	-.000757	3
91	MP2B	X	-1.212	3
92	MP2B	Z	2.099	3
93	MP2B	Mx	.001	3
94	MP4C	X	-1.514	3
95	MP4C	Z	2.622	3
96	MP4C	Mx	-.000757	3
97	MP2C	X	-6.161	1
98	MP2C	Z	10.671	1
99	MP2C	Mx	-.003	1
100	MP3A	X	-6.161	1
101	MP3A	Z	10.671	1
102	MP3A	Mx	-.003	1
103	MP3B	X	-4.705	1
104	MP3B	Z	8.149	1
105	MP3B	Mx	.005	1
106	MP5C	X	-6.161	1
107	MP5C	Z	10.671	1
108	MP5C	Mx	-.003	1
109	BETA RRH	X	-4.624	1
110	BETA RRH	Z	8.009	1
111	BETA RRH	Mx	0	1
112	GAMMA RRH 1	X	-6.141	1
113	GAMMA RRH 1	Z	10.636	1
114	GAMMA RRH 1	Mx	0	1
115	GAMMA RRH 2	X	-6.141	1
116	GAMMA RRH 2	Z	10.636	1
117	GAMMA RRH 2	Mx	0	1
118	MP2A	X	-6.141	1
119	MP2A	Z	10.636	1
120	MP2A	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1C	X	-19.672	2
2	MP1C	Z	11.358	2
3	MP1C	Mx	-.001	2
4	MP1C	X	-19.672	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
5	MP1C	Z	11.358	5
6	MP1C	Mx	-.001	5
7	MP1C	X	-19.672	2
8	MP1C	Z	11.358	2
9	MP1C	Mx	-.022	2
10	MP1C	X	-19.672	5
11	MP1C	Z	11.358	5
12	MP1C	Mx	-.022	5
13	MP2B	X	-29.848	2
14	MP2B	Z	17.233	2
15	MP2B	Mx	-.037	2
16	MP2B	X	-29.848	5
17	MP2B	Z	17.233	5
18	MP2B	Mx	-.037	5
19	MP2B	X	-29.848	2
20	MP2B	Z	17.233	2
21	MP2B	Mx	.023	2
22	MP2B	X	-29.848	5
23	MP2B	Z	17.233	5
24	MP2B	Mx	.023	5
25	MP2A	X	-18.47	2
26	MP2A	Z	10.664	2
27	MP2A	Mx	.01	2
28	MP2A	X	-18.47	5
29	MP2A	Z	10.664	5
30	MP2A	Mx	.01	5
31	MP2A	X	-18.47	2
32	MP2A	Z	10.664	2
33	MP2A	Mx	.021	2
34	MP2A	X	-18.47	5
35	MP2A	Z	10.664	5
36	MP2A	Mx	.021	5
37	MP4C	X	-24.72	2
38	MP4C	Z	14.272	2
39	MP4C	Mx	.027	2
40	MP4C	X	-24.72	5
41	MP4C	Z	14.272	5
42	MP4C	Mx	.027	5
43	MP4C	X	-24.72	2
44	MP4C	Z	14.272	2
45	MP4C	Mx	-.013	2
46	MP4C	X	-24.72	5
47	MP4C	Z	14.272	5
48	MP4C	Mx	-.013	5
49	MP1A	X	-5.727	5.5
50	MP1A	Z	3.306	5.5
51	MP1A	Mx	.003	5.5
52	MP1B	X	-9.126	5.5
53	MP1B	Z	5.269	5.5
54	MP1B	Mx	-.002	5.5
55	MP2C	X	-9.126	5.5
56	MP2C	Z	5.269	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
57	MP2C	Mx	.002	5.5
58	MP4B	X	-6.317	5.5
59	MP4B	Z	3.647	5.5
60	MP4B	Mx	-.003	5.5
61	MP1A	X	-5.46	.7
62	MP1A	Z	3.152	.7
63	MP1A	Mx	.003	.7
64	MP1A	X	-5.46	2.7
65	MP1A	Z	3.152	2.7
66	MP1A	Mx	.003	2.7
67	MP1B	X	-10.391	.2
68	MP1B	Z	5.999	.2
69	MP1B	Mx	-.002	.2
70	MP1B	X	-10.391	2.7
71	MP1B	Z	5.999	2.7
72	MP1B	Mx	-.002	2.7
73	MP2C	X	-10.391	.7
74	MP2C	Z	5.999	.7
75	MP2C	Mx	.002	.7
76	MP2C	X	-10.391	2.7
77	MP2C	Z	5.999	2.7
78	MP2C	Mx	.002	2.7
79	MP4B	X	-6.316	.7
80	MP4B	Z	3.647	.7
81	MP4B	Mx	-.003	.7
82	MP4B	X	-6.316	2.7
83	MP4B	Z	3.647	2.7
84	MP4B	Mx	-.003	2.7
85	MP1C	X	-2.796	3
86	MP1C	Z	1.614	3
87	MP1C	Mx	0	3
88	MP2A	X	-2.273	3
89	MP2A	Z	1.312	3
90	MP2A	Mx	-.001	3
91	MP2B	X	-2.273	3
92	MP2B	Z	1.312	3
93	MP2B	Mx	.001	3
94	MP4C	X	-2.796	3
95	MP4C	Z	1.614	3
96	MP4C	Mx	0	3
97	MP2C	X	-11.512	1
98	MP2C	Z	6.646	1
99	MP2C	Mx	0	1
100	MP3A	X	-8.989	1
101	MP3A	Z	5.19	1
102	MP3A	Mx	-.004	1
103	MP3B	X	-8.989	1
104	MP3B	Z	5.19	1
105	MP3B	Mx	.004	1
106	MP5C	X	-11.512	1
107	MP5C	Z	6.646	1
108	MP5C	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
109	BETA RRH	X	-8.884	1
110	BETA RRH	Z	5.129	1
111	BETA RRH	Mx	0	1
112	GAMMA RRH 1	X	-11.512	1
113	GAMMA RRH 1	Z	6.646	1
114	GAMMA RRH 1	Mx	0	1
115	GAMMA RRH 2	X	-11.512	1
116	GAMMA RRH 2	Z	6.646	1
117	GAMMA RRH 2	Mx	0	1
118	MP2A	X	-8.884	1
119	MP2A	Z	5.129	1
120	MP2A	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1C	X	-18.075	2
2	MP1C	Z	0	2
3	MP1C	Mx	-.011	2
4	MP1C	X	-18.075	5
5	MP1C	Z	0	5
6	MP1C	Mx	-.011	5
7	MP1C	X	-18.075	2
8	MP1C	Z	0	2
9	MP1C	Mx	-.011	2
10	MP1C	X	-18.075	5
11	MP1C	Z	0	5
12	MP1C	Mx	-.011	5
13	MP2B	X	-36.077	2
14	MP2B	Z	0	2
15	MP2B	Mx	-.029	2
16	MP2B	X	-36.077	5
17	MP2B	Z	0	5
18	MP2B	Mx	-.029	5
19	MP2B	X	-36.077	2
20	MP2B	Z	0	2
21	MP2B	Mx	.036	2
22	MP2B	X	-36.077	5
23	MP2B	Z	0	5
24	MP2B	Mx	.036	5
25	MP2A	X	-20.509	2
26	MP2A	Z	0	2
27	MP2A	Mx	.018	2
28	MP2A	X	-20.509	5
29	MP2A	Z	0	5
30	MP2A	Mx	.018	5
31	MP2A	X	-20.509	2
32	MP2A	Z	0	2
33	MP2A	Mx	.012	2
34	MP2A	X	-20.509	5
35	MP2A	Z	0	5
36	MP2A	Mx	.012	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
37	MP4C	X	-29.362	2
38	MP4C	Z	0	2
39	MP4C	Mx	.018	2
40	MP4C	X	-29.362	5
41	MP4C	Z	0	5
42	MP4C	Mx	.018	5
43	MP4C	X	-29.362	2
44	MP4C	Z	0	2
45	MP4C	Mx	-.026	2
46	MP4C	X	-29.362	5
47	MP4C	Z	0	5
48	MP4C	Mx	-.026	5
49	MP1A	X	-6.168	5.5
50	MP1A	Z	0	5.5
51	MP1A	Mx	.003	5.5
52	MP1B	X	-10.983	5.5
53	MP1B	Z	0	5.5
54	MP1B	Mx	.000954	5.5
55	MP2C	X	-10.983	5.5
56	MP2C	Z	0	5.5
57	MP2C	Mx	-.000954	5.5
58	MP4B	X	-6.014	5.5
59	MP4B	Z	0	5.5
60	MP4B	Mx	-.003	5.5
61	MP1A	X	-5.659	.7
62	MP1A	Z	0	.7
63	MP1A	Mx	.003	.7
64	MP1A	X	-5.659	2.7
65	MP1A	Z	0	2.7
66	MP1A	Mx	.003	2.7
67	MP1B	X	-12.644	.2
68	MP1B	Z	0	.2
69	MP1B	Mx	.001	.2
70	MP1B	X	-12.644	2.7
71	MP1B	Z	0	2.7
72	MP1B	Mx	.001	2.7
73	MP2C	X	-12.644	.7
74	MP2C	Z	0	.7
75	MP2C	Mx	-.001	.7
76	MP2C	X	-12.644	2.7
77	MP2C	Z	0	2.7
78	MP2C	Mx	-.001	2.7
79	MP4B	X	-5.435	.7
80	MP4B	Z	0	.7
81	MP4B	Mx	-.003	.7
82	MP4B	X	-5.435	2.7
83	MP4B	Z	0	2.7
84	MP4B	Mx	-.003	2.7
85	MP1C	X	-3.027	3
86	MP1C	Z	0	3
87	MP1C	Mx	.000757	3
88	MP2A	X	-2.423	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
89	MP2A	Z	0	3
90	MP2A	Mx	-.001	3
91	MP2B	X	-3.027	3
92	MP2B	Z	0	3
93	MP2B	Mx	.000757	3
94	MP4C	X	-3.027	3
95	MP4C	Z	0	3
96	MP4C	Mx	.000757	3
97	MP2C	X	-12.322	1
98	MP2C	Z	0	1
99	MP2C	Mx	.003	1
100	MP3A	X	-9.409	1
101	MP3A	Z	0	1
102	MP3A	Mx	-.005	1
103	MP3B	X	-12.322	1
104	MP3B	Z	0	1
105	MP3B	Mx	.003	1
106	MP5C	X	-12.322	1
107	MP5C	Z	0	1
108	MP5C	Mx	.003	1
109	BETA RRH	X	-12.281	1
110	BETA RRH	Z	0	1
111	BETA RRH	Mx	0	1
112	GAMMA RRH 1	X	-12.281	1
113	GAMMA RRH 1	Z	0	1
114	GAMMA RRH 1	Mx	0	1
115	GAMMA RRH 2	X	-12.281	1
116	GAMMA RRH 2	Z	0	1
117	GAMMA RRH 2	Mx	0	1
118	MP2A	X	-9.247	1
119	MP2A	Z	0	1
120	MP2A	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1C	X	-19.672	2
2	MP1C	Z	-11.358	2
3	MP1C	Mx	-.022	2
4	MP1C	X	-19.672	5
5	MP1C	Z	-11.358	5
6	MP1C	Mx	-.022	5
7	MP1C	X	-19.672	2
8	MP1C	Z	-11.358	2
9	MP1C	Mx	-.001	2
10	MP1C	X	-19.672	5
11	MP1C	Z	-11.358	5
12	MP1C	Mx	-.001	5
13	MP2B	X	-25.086	2
14	MP2B	Z	-14.484	2
15	MP2B	Mx	-.009	2
16	MP2B	X	-25.086	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
17	MP2B	Z	-14.484	5
18	MP2B	Mx	-.009	5
19	MP2B	X	-25.086	2
20	MP2B	Z	-14.484	2
21	MP2B	Mx	.031	2
22	MP2B	X	-25.086	5
23	MP2B	Z	-14.484	5
24	MP2B	Mx	.031	5
25	MP2A	X	-20.886	2
26	MP2A	Z	-12.059	2
27	MP2A	Mx	.025	2
28	MP2A	X	-20.886	5
29	MP2A	Z	-12.059	5
30	MP2A	Mx	.025	5
31	MP2A	X	-20.886	2
32	MP2A	Z	-12.059	2
33	MP2A	Mx	.002	2
34	MP2A	X	-20.886	5
35	MP2A	Z	-12.059	5
36	MP2A	Mx	.002	5
37	MP4C	X	-22.303	2
38	MP4C	Z	-12.877	2
39	MP4C	Mx	.002	2
40	MP4C	X	-22.303	5
41	MP4C	Z	-12.877	5
42	MP4C	Mx	.002	5
43	MP4C	X	-22.303	2
44	MP4C	Z	-12.877	2
45	MP4C	Mx	-.027	2
46	MP4C	X	-22.303	5
47	MP4C	Z	-12.877	5
48	MP4C	Mx	-.027	5
49	MP1A	X	-7.041	5.5
50	MP1A	Z	-4.065	5.5
51	MP1A	Mx	.003	5.5
52	MP1B	X	-7.812	5.5
53	MP1B	Z	-4.51	5.5
54	MP1B	Mx	.003	5.5
55	MP2C	X	-7.812	5.5
56	MP2C	Z	-4.51	5.5
57	MP2C	Mx	-.003	5.5
58	MP4B	X	-6.317	5.5
59	MP4B	Z	-3.647	5.5
60	MP4B	Mx	-.003	5.5
61	MP1A	X	-7.366	.7
62	MP1A	Z	-4.253	.7
63	MP1A	Mx	.003	.7
64	MP1A	X	-7.366	2.7
65	MP1A	Z	-4.253	2.7
66	MP1A	Mx	.003	2.7
67	MP1B	X	-8.484	.2
68	MP1B	Z	-4.898	.2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
69	MP1B	Mx	.003	.2
70	MP1B	X	-8.484	2.7
71	MP1B	Z	-4.898	2.7
72	MP1B	Mx	.003	2.7
73	MP2C	X	-8.484	.7
74	MP2C	Z	-4.898	.7
75	MP2C	Mx	-.003	.7
76	MP2C	X	-8.484	2.7
77	MP2C	Z	-4.898	2.7
78	MP2C	Mx	-.003	2.7
79	MP4B	X	-6.316	.7
80	MP4B	Z	-3.647	.7
81	MP4B	Mx	-.003	.7
82	MP4B	X	-6.316	2.7
83	MP4B	Z	-3.647	2.7
84	MP4B	Mx	-.003	2.7
85	MP1C	X	-2.273	3
86	MP1C	Z	-1.312	3
87	MP1C	Mx	.001	3
88	MP2A	X	-2.273	3
89	MP2A	Z	-1.312	3
90	MP2A	Mx	-.001	3
91	MP2B	X	-2.796	3
92	MP2B	Z	-1.614	3
93	MP2B	Mx	0	3
94	MP4C	X	-2.273	3
95	MP4C	Z	-1.312	3
96	MP4C	Mx	.001	3
97	MP2C	X	-8.989	1
98	MP2C	Z	-5.19	1
99	MP2C	Mx	.004	1
100	MP3A	X	-8.989	1
101	MP3A	Z	-5.19	1
102	MP3A	Mx	-.004	1
103	MP3B	X	-11.512	1
104	MP3B	Z	-6.646	1
105	MP3B	Mx	0	1
106	MP5C	X	-8.989	1
107	MP5C	Z	-5.19	1
108	MP5C	Mx	.004	1
109	BETA RRH	X	-11.512	1
110	BETA RRH	Z	-6.646	1
111	BETA RRH	Mx	0	1
112	GAMMA RRH 1	X	-8.884	1
113	GAMMA RRH 1	Z	-5.129	1
114	GAMMA RRH 1	Mx	0	1
115	GAMMA RRH 2	X	-8.884	1
116	GAMMA RRH 2	Z	-5.129	1
117	GAMMA RRH 2	Mx	0	1
118	MP2A	X	-8.884	1
119	MP2A	Z	-5.129	1
120	MP2A	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1C	X	-15.998	2
2	MP1C	Z	-27.709	2
3	MP1C	Mx	-.035	2
4	MP1C	X	-15.998	5
5	MP1C	Z	-27.709	5
6	MP1C	Mx	-.035	5
7	MP1C	X	-15.998	2
8	MP1C	Z	-27.709	2
9	MP1C	Mx	.016	2
10	MP1C	X	-15.998	5
11	MP1C	Z	-27.709	5
12	MP1C	Mx	.016	5
13	MP2B	X	-10.123	2
14	MP2B	Z	-17.534	2
15	MP2B	Mx	.005	2
16	MP2B	X	-10.123	5
17	MP2B	Z	-17.534	5
18	MP2B	Mx	.005	5
19	MP2B	X	-10.123	2
20	MP2B	Z	-17.534	2
21	MP2B	Mx	.017	2
22	MP2B	X	-10.123	5
23	MP2B	Z	-17.534	5
24	MP2B	Mx	.017	5
25	MP2A	X	-14.272	2
26	MP2A	Z	-24.72	2
27	MP2A	Mx	.027	2
28	MP2A	X	-14.272	5
29	MP2A	Z	-24.72	5
30	MP2A	Mx	.027	5
31	MP2A	X	-14.272	2
32	MP2A	Z	-24.72	2
33	MP2A	Mx	-.013	2
34	MP2A	X	-14.272	5
35	MP2A	Z	-24.72	5
36	MP2A	Mx	-.013	5
37	MP4C	X	-10.664	2
38	MP4C	Z	-18.47	2
39	MP4C	Mx	-.01	2
40	MP4C	X	-10.664	5
41	MP4C	Z	-18.47	5
42	MP4C	Mx	-.01	5
43	MP4C	X	-10.664	2
44	MP4C	Z	-18.47	2
45	MP4C	Mx	-.021	2
46	MP4C	X	-10.664	5
47	MP4C	Z	-18.47	5
48	MP4C	Mx	-.021	5
49	MP1A	X	-5.269	5.5
50	MP1A	Z	-9.126	5.5
51	MP1A	Mx	.002	5.5
52	MP1B	X	-3.306	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
53	MP1B	Z	-5.727	5.5
54	MP1B	Mx	.003	5.5
55	MP2C	X	-3.306	5.5
56	MP2C	Z	-5.727	5.5
57	MP2C	Mx	-.003	5.5
58	MP4B	X	-4.928	5.5
59	MP4B	Z	-8.536	5.5
60	MP4B	Mx	-.002	5.5
61	MP1A	X	-5.999	.7
62	MP1A	Z	-10.391	.7
63	MP1A	Mx	.002	.7
64	MP1A	X	-5.999	2.7
65	MP1A	Z	-10.391	2.7
66	MP1A	Mx	.002	2.7
67	MP1B	X	-3.152	.2
68	MP1B	Z	-5.46	.2
69	MP1B	Mx	.003	.2
70	MP1B	X	-3.152	2.7
71	MP1B	Z	-5.46	2.7
72	MP1B	Mx	.003	2.7
73	MP2C	X	-3.152	.7
74	MP2C	Z	-5.46	.7
75	MP2C	Mx	-.003	.7
76	MP2C	X	-3.152	2.7
77	MP2C	Z	-5.46	2.7
78	MP2C	Mx	-.003	2.7
79	MP4B	X	-5.505	.7
80	MP4B	Z	-9.535	.7
81	MP4B	Mx	-.003	.7
82	MP4B	X	-5.505	2.7
83	MP4B	Z	-9.535	2.7
84	MP4B	Mx	-.003	2.7
85	MP1C	X	-1.212	3
86	MP1C	Z	-2.099	3
87	MP1C	Mx	.001	3
88	MP2A	X	-1.514	3
89	MP2A	Z	-2.622	3
90	MP2A	Mx	-.000757	3
91	MP2B	X	-1.514	3
92	MP2B	Z	-2.622	3
93	MP2B	Mx	-.000757	3
94	MP4C	X	-1.212	3
95	MP4C	Z	-2.099	3
96	MP4C	Mx	.001	3
97	MP2C	X	-4.705	1
98	MP2C	Z	-8.149	1
99	MP2C	Mx	.005	1
100	MP3A	X	-6.161	1
101	MP3A	Z	-10.671	1
102	MP3A	Mx	-.003	1
103	MP3B	X	-6.161	1
104	MP3B	Z	-10.671	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
105	MP3B	Mx	-.003	1
106	MP5C	X	-4.705	1
107	MP5C	Z	-8.149	1
108	MP5C	Mx	.005	1
109	BETA RRH	X	-6.141	1
110	BETA RRH	Z	-10.636	1
111	BETA RRH	Mx	0	1
112	GAMMA RRH 1	X	-4.624	1
113	GAMMA RRH 1	Z	-8.009	1
114	GAMMA RRH 1	Mx	0	1
115	GAMMA RRH 2	X	-4.624	1
116	GAMMA RRH 2	Z	-8.009	1
117	GAMMA RRH 2	Mx	0	1
118	MP2A	X	-6.141	1
119	MP2A	Z	-10.636	1
120	MP2A	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1C	X	0	2
2	MP1C	Z	-12.184	2
3	MP1C	Mx	-.011	2
4	MP1C	X	0	5
5	MP1C	Z	-12.184	5
6	MP1C	Mx	-.011	5
7	MP1C	X	0	2
8	MP1C	Z	-12.184	2
9	MP1C	Mx	.011	2
10	MP1C	X	0	5
11	MP1C	Z	-12.184	5
12	MP1C	Mx	.011	5
13	MP2B	X	0	2
14	MP2B	Z	-5.844	2
15	MP2B	Mx	.004	2
16	MP2B	X	0	5
17	MP2B	Z	-5.844	5
18	MP2B	Mx	.004	5
19	MP2B	X	0	2
20	MP2B	Z	-5.844	2
21	MP2B	Mx	.002	2
22	MP2B	X	0	5
23	MP2B	Z	-5.844	5
24	MP2B	Mx	.002	5
25	MP2A	X	0	2
26	MP2A	Z	-9.636	2
27	MP2A	Mx	.006	2
28	MP2A	X	0	5
29	MP2A	Z	-9.636	5
30	MP2A	Mx	.006	5
31	MP2A	X	0	2
32	MP2A	Z	-9.636	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
33	MP2A	Mx	-.008	2
34	MP2A	X	0	5
35	MP2A	Z	-9.636	5
36	MP2A	Mx	-.008	5
37	MP4C	X	0	2
38	MP4C	Z	-6.496	2
39	MP4C	Mx	-.006	2
40	MP4C	X	0	5
41	MP4C	Z	-6.496	5
42	MP4C	Mx	-.006	5
43	MP4C	X	0	2
44	MP4C	Z	-6.496	2
45	MP4C	Mx	-.004	2
46	MP4C	X	0	5
47	MP4C	Z	-6.496	5
48	MP4C	Mx	-.004	5
49	MP1A	X	0	5.5
50	MP1A	Z	-3.22	5.5
51	MP1A	Mx	-.00028	5.5
52	MP1B	X	0	5.5
53	MP1B	Z	-1.663	5.5
54	MP1B	Mx	.000819	5.5
55	MP2C	X	0	5.5
56	MP2C	Z	-1.663	5.5
57	MP2C	Mx	-.000819	5.5
58	MP4B	X	0	5.5
59	MP4B	Z	-3.27	5.5
60	MP4B	Mx	0	5.5
61	MP1A	X	0	.7
62	MP1A	Z	-3.976	.7
63	MP1A	Mx	-.000345	.7
64	MP1A	X	0	2.7
65	MP1A	Z	-3.976	2.7
66	MP1A	Mx	-.000345	2.7
67	MP1B	X	0	.2
68	MP1B	Z	-1.635	.2
69	MP1B	Mx	.000805	.2
70	MP1B	X	0	2.7
71	MP1B	Z	-1.635	2.7
72	MP1B	Mx	.000805	2.7
73	MP2C	X	0	.7
74	MP2C	Z	-1.635	.7
75	MP2C	Mx	-.000805	.7
76	MP2C	X	0	2.7
77	MP2C	Z	-1.635	2.7
78	MP2C	Mx	-.000805	2.7
79	MP4B	X	0	.7
80	MP4B	Z	-4.051	.7
81	MP4B	Mx	0	.7
82	MP4B	X	0	2.7
83	MP4B	Z	-4.051	2.7
84	MP4B	Mx	0	2.7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
85	MP1C	X	0	3
86	MP1C	Z	-.608	3
87	MP1C	Mx	.000263	3
88	MP2A	X	0	3
89	MP2A	Z	-.791	3
90	MP2A	Mx	0	3
91	MP2B	X	0	3
92	MP2B	Z	-.608	3
93	MP2B	Mx	-.000263	3
94	MP4C	X	0	3
95	MP4C	Z	-.608	3
96	MP4C	Mx	.000263	3
97	MP2C	X	0	1
98	MP2C	Z	-3.043	1
99	MP2C	Mx	.001	1
100	MP3A	X	0	1
101	MP3A	Z	-3.997	1
102	MP3A	Mx	0	1
103	MP3B	X	0	1
104	MP3B	Z	-3.043	1
105	MP3B	Mx	-.001	1
106	MP5C	X	0	1
107	MP5C	Z	-3.043	1
108	MP5C	Mx	.001	1
109	BETA RRH	X	0	1
110	BETA RRH	Z	-2.496	1
111	BETA RRH	Mx	0	1
112	GAMMA RRH 1	X	0	1
113	GAMMA RRH 1	Z	-2.496	1
114	GAMMA RRH 1	Mx	0	1
115	GAMMA RRH 2	X	0	1
116	GAMMA RRH 2	Z	-2.496	1
117	GAMMA RRH 2	Mx	0	1
118	MP2A	X	0	1
119	MP2A	Z	-3.313	1
120	MP2A	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1C	X	5.275	2
2	MP1C	Z	-9.136	2
3	MP1C	Mx	-.005	2
4	MP1C	X	5.275	5
5	MP1C	Z	-9.136	5
6	MP1C	Mx	-.005	5
7	MP1C	X	5.275	2
8	MP1C	Z	-9.136	2
9	MP1C	Mx	.011	2
10	MP1C	X	5.275	5
11	MP1C	Z	-9.136	5
12	MP1C	Mx	.011	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
13	MP2B	X	4.174	2
14	MP2B	Z	-7.229	2
15	MP2B	Mx	.009	2
16	MP2B	X	4.174	5
17	MP2B	Z	-7.229	5
18	MP2B	Mx	.009	5
19	MP2B	X	4.174	2
20	MP2B	Z	-7.229	2
21	MP2B	Mx	-.001	2
22	MP2B	X	4.174	5
23	MP2B	Z	-7.229	5
24	MP2B	Mx	-.001	5
25	MP2A	X	4.178	2
26	MP2A	Z	-7.236	2
27	MP2A	Mx	.000772	2
28	MP2A	X	4.178	5
29	MP2A	Z	-7.236	5
30	MP2A	Mx	.000772	5
31	MP2A	X	4.178	2
32	MP2A	Z	-7.236	2
33	MP2A	Mx	-.009	2
34	MP2A	X	4.178	5
35	MP2A	Z	-7.236	5
36	MP2A	Mx	-.009	5
37	MP4C	X	3.888	2
38	MP4C	Z	-6.734	2
39	MP4C	Mx	-.008	2
40	MP4C	X	3.888	5
41	MP4C	Z	-6.734	5
42	MP4C	Mx	-.008	5
43	MP4C	X	3.888	2
44	MP4C	Z	-6.734	2
45	MP4C	Mx	-.000719	2
46	MP4C	X	3.888	5
47	MP4C	Z	-6.734	5
48	MP4C	Mx	-.000719	5
49	MP1A	X	1.293	5.5
50	MP1A	Z	-2.239	5.5
51	MP1A	Mx	-.000831	5.5
52	MP1B	X	1.149	5.5
53	MP1B	Z	-1.99	5.5
54	MP1B	Mx	.00088	5.5
55	MP2C	X	1.149	5.5
56	MP2C	Z	-1.99	5.5
57	MP2C	Mx	-.00088	5.5
58	MP4B	X	1.428	5.5
59	MP4B	Z	-2.473	5.5
60	MP4B	Mx	.000714	5.5
61	MP1A	X	1.511	.7
62	MP1A	Z	-2.617	.7
63	MP1A	Mx	-.000971	.7
64	MP1A	X	1.511	2.7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
65	MP1A	Z	-2.617	2.7
66	MP1A	Mx	-.000971	2.7
67	MP1B	X	1.295	.2
68	MP1B	Z	-2.242	.2
69	MP1B	Mx	.000992	.2
70	MP1B	X	1.295	2.7
71	MP1B	Z	-2.242	2.7
72	MP1B	Mx	.000992	2.7
73	MP2C	X	1.295	.7
74	MP2C	Z	-2.242	.7
75	MP2C	Mx	-.000992	.7
76	MP2C	X	1.295	2.7
77	MP2C	Z	-2.242	2.7
78	MP2C	Mx	-.000992	2.7
79	MP4B	X	1.714	.7
80	MP4B	Z	-2.969	.7
81	MP4B	Mx	.000857	.7
82	MP4B	X	1.714	2.7
83	MP4B	Z	-2.969	2.7
84	MP4B	Mx	.000857	2.7
85	MP1C	X	.365	3
86	MP1C	Z	-.632	3
87	MP1C	Mx	.000182	3
88	MP2A	X	.365	3
89	MP2A	Z	-.632	3
90	MP2A	Mx	.000182	3
91	MP2B	X	.274	3
92	MP2B	Z	-.474	3
93	MP2B	Mx	-.000274	3
94	MP4C	X	.365	3
95	MP4C	Z	-.632	3
96	MP4C	Mx	.000182	3
97	MP2C	X	1.84	1
98	MP2C	Z	-3.186	1
99	MP2C	Mx	.00092	1
100	MP3A	X	1.84	1
101	MP3A	Z	-3.186	1
102	MP3A	Mx	.00092	1
103	MP3B	X	1.363	1
104	MP3B	Z	-2.36	1
105	MP3B	Mx	-.001	1
106	MP5C	X	1.84	1
107	MP5C	Z	-3.186	1
108	MP5C	Mx	.00092	1
109	BETA RRH	X	1.112	1
110	BETA RRH	Z	-1.925	1
111	BETA RRH	Mx	0	1
112	GAMMA RRH 1	X	1.52	1
113	GAMMA RRH 1	Z	-2.633	1
114	GAMMA RRH 1	Mx	0	1
115	GAMMA RRH 2	X	1.52	1
116	GAMMA RRH 2	Z	-2.633	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
117	GAMMA RRH 2	Mx	0	1
118	MP2A	X	1.52	1
119	MP2A	Z	-2.633	1
120	MP2A	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1C	X	6.305	2
2	MP1C	Z	-3.64	2
3	MP1C	Mx	.000341	2
4	MP1C	X	6.305	5
5	MP1C	Z	-3.64	5
6	MP1C	Mx	.000341	5
7	MP1C	X	6.305	2
8	MP1C	Z	-3.64	2
9	MP1C	Mx	.007	2
10	MP1C	X	6.305	5
11	MP1C	Z	-3.64	5
12	MP1C	Mx	.007	5
13	MP2B	X	9.889	2
14	MP2B	Z	-5.71	2
15	MP2B	Mx	.012	2
16	MP2B	X	9.889	5
17	MP2B	Z	-5.71	5
18	MP2B	Mx	.012	5
19	MP2B	X	9.889	2
20	MP2B	Z	-5.71	2
21	MP2B	Mx	-.008	2
22	MP2B	X	9.889	5
23	MP2B	Z	-5.71	5
24	MP2B	Mx	-.008	5
25	MP2A	X	5.877	2
26	MP2A	Z	-3.393	2
27	MP2A	Mx	-.003	2
28	MP2A	X	5.877	5
29	MP2A	Z	-3.393	5
30	MP2A	Mx	-.003	5
31	MP2A	X	5.877	2
32	MP2A	Z	-3.393	2
33	MP2A	Mx	-.007	2
34	MP2A	X	5.877	5
35	MP2A	Z	-3.393	5
36	MP2A	Mx	-.007	5
37	MP4C	X	8.093	2
38	MP4C	Z	-4.673	2
39	MP4C	Mx	-.009	2
40	MP4C	X	8.093	5
41	MP4C	Z	-4.673	5
42	MP4C	Mx	-.009	5
43	MP4C	X	8.093	2
44	MP4C	Z	-4.673	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
45	MP4C	Mx	.004	2
46	MP4C	X	8.093	5
47	MP4C	Z	-4.673	5
48	MP4C	Mx	.004	5
49	MP1A	X	1.565	5.5
50	MP1A	Z	-.904	5.5
51	MP1A	Mx	-.000849	5.5
52	MP1B	X	2.664	5.5
53	MP1B	Z	-1.538	5.5
54	MP1B	Mx	.000526	5.5
55	MP2C	X	2.664	5.5
56	MP2C	Z	-1.538	5.5
57	MP2C	Mx	-.000526	5.5
58	MP4B	X	1.756	5.5
59	MP4B	Z	-1.014	5.5
60	MP4B	Mx	.000878	5.5
61	MP1A	X	1.603	.7
62	MP1A	Z	-.926	.7
63	MP1A	Mx	-.00087	.7
64	MP1A	X	1.603	2.7
65	MP1A	Z	-.926	2.7
66	MP1A	Mx	-.00087	2.7
67	MP1B	X	3.256	.2
68	MP1B	Z	-1.88	.2
69	MP1B	Mx	.000643	.2
70	MP1B	X	3.256	2.7
71	MP1B	Z	-1.88	2.7
72	MP1B	Mx	.000643	2.7
73	MP2C	X	3.256	.7
74	MP2C	Z	-1.88	.7
75	MP2C	Mx	-.000643	.7
76	MP2C	X	3.256	2.7
77	MP2C	Z	-1.88	2.7
78	MP2C	Mx	-.000643	2.7
79	MP4B	X	1.89	.7
80	MP4B	Z	-1.091	.7
81	MP4B	Mx	.000945	.7
82	MP4B	X	1.89	2.7
83	MP4B	Z	-1.091	2.7
84	MP4B	Mx	.000945	2.7
85	MP1C	X	.685	3
86	MP1C	Z	-.395	3
87	MP1C	Mx	0	3
88	MP2A	X	.527	3
89	MP2A	Z	-.304	3
90	MP2A	Mx	.000264	3
91	MP2B	X	.527	3
92	MP2B	Z	-.304	3
93	MP2B	Mx	-.000263	3
94	MP4C	X	.685	3
95	MP4C	Z	-.395	3
96	MP4C	Mx	0	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
97	MP2C	X	3.462	1
98	MP2C	Z	-1.999	1
99	MP2C	Mx	0	1
100	MP3A	X	2.636	1
101	MP3A	Z	-1.522	1
102	MP3A	Mx	.001	1
103	MP3B	X	2.636	1
104	MP3B	Z	-1.522	1
105	MP3B	Mx	-.001	1
106	MP5C	X	3.462	1
107	MP5C	Z	-1.999	1
108	MP5C	Mx	0	1
109	BETA RRH	X	2.161	1
110	BETA RRH	Z	-1.248	1
111	BETA RRH	Mx	0	1
112	GAMMA RRH 1	X	2.869	1
113	GAMMA RRH 1	Z	-1.657	1
114	GAMMA RRH 1	Mx	0	1
115	GAMMA RRH 2	X	2.869	1
116	GAMMA RRH 2	Z	-1.657	1
117	GAMMA RRH 2	Mx	0	1
118	MP2A	X	2.161	1
119	MP2A	Z	-1.248	1
120	MP2A	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1C	X	5.647	2
2	MP1C	Z	0	2
3	MP1C	Mx	.003	2
4	MP1C	X	5.647	5
5	MP1C	Z	0	5
6	MP1C	Mx	.003	5
7	MP1C	X	5.647	2
8	MP1C	Z	0	2
9	MP1C	Mx	.003	2
10	MP1C	X	5.647	5
11	MP1C	Z	0	5
12	MP1C	Mx	.003	5
13	MP2B	X	11.987	2
14	MP2B	Z	0	2
15	MP2B	Mx	.01	2
16	MP2B	X	11.987	5
17	MP2B	Z	0	5
18	MP2B	Mx	.01	5
19	MP2B	X	11.987	2
20	MP2B	Z	0	2
21	MP2B	Mx	-.012	2
22	MP2B	X	11.987	5
23	MP2B	Z	0	5
24	MP2B	Mx	-.012	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
25	MP2A	X	6.496	2
26	MP2A	Z	0	2
27	MP2A	Mx	-.006	2
28	MP2A	X	6.496	5
29	MP2A	Z	0	5
30	MP2A	Mx	-.006	5
31	MP2A	X	6.496	2
32	MP2A	Z	0	2
33	MP2A	Mx	-.004	2
34	MP2A	X	6.496	5
35	MP2A	Z	0	5
36	MP2A	Mx	-.004	5
37	MP4C	X	9.636	2
38	MP4C	Z	0	2
39	MP4C	Mx	-.006	2
40	MP4C	X	9.636	5
41	MP4C	Z	0	5
42	MP4C	Mx	-.006	5
43	MP4C	X	9.636	2
44	MP4C	Z	0	2
45	MP4C	Mx	.008	2
46	MP4C	X	9.636	5
47	MP4C	Z	0	5
48	MP4C	Mx	.008	5
49	MP1A	X	1.663	5.5
50	MP1A	Z	0	5.5
51	MP1A	Mx	-.000819	5.5
52	MP1B	X	3.22	5.5
53	MP1B	Z	0	5.5
54	MP1B	Mx	-.00028	5.5
55	MP2C	X	3.22	5.5
56	MP2C	Z	0	5.5
57	MP2C	Mx	.00028	5.5
58	MP4B	X	1.613	5.5
59	MP4B	Z	0	5.5
60	MP4B	Mx	.000806	5.5
61	MP1A	X	1.635	.7
62	MP1A	Z	0	.7
63	MP1A	Mx	-.000805	.7
64	MP1A	X	1.635	2.7
65	MP1A	Z	0	2.7
66	MP1A	Mx	-.000805	2.7
67	MP1B	X	3.976	.2
68	MP1B	Z	0	.2
69	MP1B	Mx	-.000345	.2
70	MP1B	X	3.976	2.7
71	MP1B	Z	0	2.7
72	MP1B	Mx	-.000345	2.7
73	MP2C	X	3.976	.7
74	MP2C	Z	0	.7
75	MP2C	Mx	.000345	.7
76	MP2C	X	3.976	2.7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
77	MP2C	Z	0	2.7
78	MP2C	Mx	.000345	2.7
79	MP4B	X	1.56	.7
80	MP4B	Z	0	.7
81	MP4B	Mx	.00078	.7
82	MP4B	X	1.56	2.7
83	MP4B	Z	0	2.7
84	MP4B	Mx	.00078	2.7
85	MP1C	X	.73	3
86	MP1C	Z	0	3
87	MP1C	Mx	-.000182	3
88	MP2A	X	.547	3
89	MP2A	Z	0	3
90	MP2A	Mx	.000274	3
91	MP2B	X	.73	3
92	MP2B	Z	0	3
93	MP2B	Mx	-.000182	3
94	MP4C	X	.73	3
95	MP4C	Z	0	3
96	MP4C	Mx	-.000182	3
97	MP2C	X	3.679	1
98	MP2C	Z	0	1
99	MP2C	Mx	-.00092	1
100	MP3A	X	2.725	1
101	MP3A	Z	0	1
102	MP3A	Mx	.001	1
103	MP3B	X	3.679	1
104	MP3B	Z	0	1
105	MP3B	Mx	-.00092	1
106	MP5C	X	3.679	1
107	MP5C	Z	0	1
108	MP5C	Mx	-.00092	1
109	BETA RRH	X	3.041	1
110	BETA RRH	Z	0	1
111	BETA RRH	Mx	0	1
112	GAMMA RRH 1	X	3.041	1
113	GAMMA RRH 1	Z	0	1
114	GAMMA RRH 1	Mx	0	1
115	GAMMA RRH 2	X	3.041	1
116	GAMMA RRH 2	Z	0	1
117	GAMMA RRH 2	Mx	0	1
118	MP2A	X	2.223	1
119	MP2A	Z	0	1
120	MP2A	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1C	X	6.305	2
2	MP1C	Z	3.64	2
3	MP1C	Mx	.007	2
4	MP1C	X	6.305	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
5	MP1C	Z	3.64	5
6	MP1C	Mx	.007	5
7	MP1C	X	6.305	2
8	MP1C	Z	3.64	2
9	MP1C	Mx	.000341	2
10	MP1C	X	6.305	5
11	MP1C	Z	3.64	5
12	MP1C	Mx	.000341	5
13	MP2B	X	8.212	2
14	MP2B	Z	4.741	2
15	MP2B	Mx	.003	2
16	MP2B	X	8.212	5
17	MP2B	Z	4.741	5
18	MP2B	Mx	.003	5
19	MP2B	X	8.212	2
20	MP2B	Z	4.741	2
21	MP2B	Mx	-.01	2
22	MP2B	X	8.212	5
23	MP2B	Z	4.741	5
24	MP2B	Mx	-.01	5
25	MP2A	X	6.734	2
26	MP2A	Z	3.888	2
27	MP2A	Mx	-.008	2
28	MP2A	X	6.734	5
29	MP2A	Z	3.888	5
30	MP2A	Mx	-.008	5
31	MP2A	X	6.734	2
32	MP2A	Z	3.888	2
33	MP2A	Mx	-.000719	2
34	MP2A	X	6.734	5
35	MP2A	Z	3.888	5
36	MP2A	Mx	-.000719	5
37	MP4C	X	7.236	2
38	MP4C	Z	4.178	2
39	MP4C	Mx	-.000772	2
40	MP4C	X	7.236	5
41	MP4C	Z	4.178	5
42	MP4C	Mx	-.000772	5
43	MP4C	X	7.236	2
44	MP4C	Z	4.178	2
45	MP4C	Mx	.009	2
46	MP4C	X	7.236	5
47	MP4C	Z	4.178	5
48	MP4C	Mx	.009	5
49	MP1A	X	1.99	5.5
50	MP1A	Z	1.149	5.5
51	MP1A	Mx	-.00088	5.5
52	MP1B	X	2.239	5.5
53	MP1B	Z	1.293	5.5
54	MP1B	Mx	-.000831	5.5
55	MP2C	X	2.239	5.5
56	MP2C	Z	1.293	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
57	MP2C	Mx	.000831	5.5
58	MP4B	X	1.756	5.5
59	MP4B	Z	1.014	5.5
60	MP4B	Mx	.000878	5.5
61	MP1A	X	2.242	.7
62	MP1A	Z	1.295	.7
63	MP1A	Mx	-.000992	.7
64	MP1A	X	2.242	2.7
65	MP1A	Z	1.295	2.7
66	MP1A	Mx	-.000992	2.7
67	MP1B	X	2.617	.2
68	MP1B	Z	1.511	.2
69	MP1B	Mx	-.000971	.2
70	MP1B	X	2.617	2.7
71	MP1B	Z	1.511	2.7
72	MP1B	Mx	-.000971	2.7
73	MP2C	X	2.617	.7
74	MP2C	Z	1.511	.7
75	MP2C	Mx	.000971	.7
76	MP2C	X	2.617	2.7
77	MP2C	Z	1.511	2.7
78	MP2C	Mx	.000971	2.7
79	MP4B	X	1.89	.7
80	MP4B	Z	1.091	.7
81	MP4B	Mx	.000945	.7
82	MP4B	X	1.89	2.7
83	MP4B	Z	1.091	2.7
84	MP4B	Mx	.000945	2.7
85	MP1C	X	.527	3
86	MP1C	Z	.304	3
87	MP1C	Mx	-.000263	3
88	MP2A	X	.527	3
89	MP2A	Z	.304	3
90	MP2A	Mx	.000264	3
91	MP2B	X	.685	3
92	MP2B	Z	.395	3
93	MP2B	Mx	0	3
94	MP4C	X	.527	3
95	MP4C	Z	.304	3
96	MP4C	Mx	-.000263	3
97	MP2C	X	2.636	1
98	MP2C	Z	1.522	1
99	MP2C	Mx	-.001	1
100	MP3A	X	2.636	1
101	MP3A	Z	1.522	1
102	MP3A	Mx	.001	1
103	MP3B	X	3.462	1
104	MP3B	Z	1.999	1
105	MP3B	Mx	0	1
106	MP5C	X	2.636	1
107	MP5C	Z	1.522	1
108	MP5C	Mx	-.001	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
109	BETA RRH	X	2.869	1
110	BETA RRH	Z	1.657	1
111	BETA RRH	Mx	0	1
112	GAMMA RRH 1	X	2.161	1
113	GAMMA RRH 1	Z	1.248	1
114	GAMMA RRH 1	Mx	0	1
115	GAMMA RRH 2	X	2.161	1
116	GAMMA RRH 2	Z	1.248	1
117	GAMMA RRH 2	Mx	0	1
118	MP2A	X	2.161	1
119	MP2A	Z	1.248	1
120	MP2A	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1C	X	5.275	2
2	MP1C	Z	9.136	2
3	MP1C	Mx	.011	2
4	MP1C	X	5.275	5
5	MP1C	Z	9.136	5
6	MP1C	Mx	.011	5
7	MP1C	X	5.275	2
8	MP1C	Z	9.136	2
9	MP1C	Mx	-.005	2
10	MP1C	X	5.275	5
11	MP1C	Z	9.136	5
12	MP1C	Mx	-.005	5
13	MP2B	X	3.206	2
14	MP2B	Z	5.552	2
15	MP2B	Mx	-.002	2
16	MP2B	X	3.206	5
17	MP2B	Z	5.552	5
18	MP2B	Mx	-.002	5
19	MP2B	X	3.206	2
20	MP2B	Z	5.552	2
21	MP2B	Mx	-.006	2
22	MP2B	X	3.206	5
23	MP2B	Z	5.552	5
24	MP2B	Mx	-.006	5
25	MP2A	X	4.673	2
26	MP2A	Z	8.093	2
27	MP2A	Mx	-.009	2
28	MP2A	X	4.673	5
29	MP2A	Z	8.093	5
30	MP2A	Mx	-.009	5
31	MP2A	X	4.673	2
32	MP2A	Z	8.093	2
33	MP2A	Mx	.004	2
34	MP2A	X	4.673	5
35	MP2A	Z	8.093	5
36	MP2A	Mx	.004	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
37	MP4C	X	3.393	2
38	MP4C	Z	5.877	2
39	MP4C	Mx	.003	2
40	MP4C	X	3.393	5
41	MP4C	Z	5.877	5
42	MP4C	Mx	.003	5
43	MP4C	X	3.393	2
44	MP4C	Z	5.877	2
45	MP4C	Mx	.007	2
46	MP4C	X	3.393	5
47	MP4C	Z	5.877	5
48	MP4C	Mx	.007	5
49	MP1A	X	1.538	5.5
50	MP1A	Z	2.664	5.5
51	MP1A	Mx	-.000526	5.5
52	MP1B	X	.904	5.5
53	MP1B	Z	1.565	5.5
54	MP1B	Mx	-.000849	5.5
55	MP2C	X	.904	5.5
56	MP2C	Z	1.565	5.5
57	MP2C	Mx	.000849	5.5
58	MP4B	X	1.428	5.5
59	MP4B	Z	2.473	5.5
60	MP4B	Mx	.000714	5.5
61	MP1A	X	1.88	.7
62	MP1A	Z	3.256	.7
63	MP1A	Mx	-.000643	.7
64	MP1A	X	1.88	2.7
65	MP1A	Z	3.256	2.7
66	MP1A	Mx	-.000643	2.7
67	MP1B	X	.926	.2
68	MP1B	Z	1.603	.2
69	MP1B	Mx	-.00087	.2
70	MP1B	X	.926	2.7
71	MP1B	Z	1.603	2.7
72	MP1B	Mx	-.00087	2.7
73	MP2C	X	.926	.7
74	MP2C	Z	1.603	.7
75	MP2C	Mx	.00087	.7
76	MP2C	X	.926	2.7
77	MP2C	Z	1.603	2.7
78	MP2C	Mx	.00087	2.7
79	MP4B	X	1.714	.7
80	MP4B	Z	2.969	.7
81	MP4B	Mx	.000857	.7
82	MP4B	X	1.714	2.7
83	MP4B	Z	2.969	2.7
84	MP4B	Mx	.000857	2.7
85	MP1C	X	.274	3
86	MP1C	Z	.474	3
87	MP1C	Mx	-.000274	3
88	MP2A	X	.365	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
89	MP2A	Z	.632	3
90	MP2A	Mx	.000182	3
91	MP2B	X	.365	3
92	MP2B	Z	.632	3
93	MP2B	Mx	.000182	3
94	MP4C	X	.274	3
95	MP4C	Z	.474	3
96	MP4C	Mx	-.000274	3
97	MP2C	X	1.363	1
98	MP2C	Z	2.36	1
99	MP2C	Mx	-.001	1
100	MP3A	X	1.84	1
101	MP3A	Z	3.186	1
102	MP3A	Mx	.00092	1
103	MP3B	X	1.84	1
104	MP3B	Z	3.186	1
105	MP3B	Mx	.00092	1
106	MP5C	X	1.363	1
107	MP5C	Z	2.36	1
108	MP5C	Mx	-.001	1
109	BETA RRH	X	1.52	1
110	BETA RRH	Z	2.633	1
111	BETA RRH	Mx	0	1
112	GAMMA RRH 1	X	1.112	1
113	GAMMA RRH 1	Z	1.925	1
114	GAMMA RRH 1	Mx	0	1
115	GAMMA RRH 2	X	1.112	1
116	GAMMA RRH 2	Z	1.925	1
117	GAMMA RRH 2	Mx	0	1
118	MP2A	X	1.52	1
119	MP2A	Z	2.633	1
120	MP2A	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1C	X	0	2
2	MP1C	Z	12.184	2
3	MP1C	Mx	.011	2
4	MP1C	X	0	5
5	MP1C	Z	12.184	5
6	MP1C	Mx	.011	5
7	MP1C	X	0	2
8	MP1C	Z	12.184	2
9	MP1C	Mx	-.011	2
10	MP1C	X	0	5
11	MP1C	Z	12.184	5
12	MP1C	Mx	-.011	5
13	MP2B	X	0	2
14	MP2B	Z	5.844	2
15	MP2B	Mx	-.004	2
16	MP2B	X	0	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
17	MP2B	Z	5.844	5
18	MP2B	Mx	-.004	5
19	MP2B	X	0	2
20	MP2B	Z	5.844	2
21	MP2B	Mx	-.002	2
22	MP2B	X	0	5
23	MP2B	Z	5.844	5
24	MP2B	Mx	-.002	5
25	MP2A	X	0	2
26	MP2A	Z	9.636	2
27	MP2A	Mx	-.006	2
28	MP2A	X	0	5
29	MP2A	Z	9.636	5
30	MP2A	Mx	-.006	5
31	MP2A	X	0	2
32	MP2A	Z	9.636	2
33	MP2A	Mx	.008	2
34	MP2A	X	0	5
35	MP2A	Z	9.636	5
36	MP2A	Mx	.008	5
37	MP4C	X	0	2
38	MP4C	Z	6.496	2
39	MP4C	Mx	.006	2
40	MP4C	X	0	5
41	MP4C	Z	6.496	5
42	MP4C	Mx	.006	5
43	MP4C	X	0	2
44	MP4C	Z	6.496	2
45	MP4C	Mx	.004	2
46	MP4C	X	0	5
47	MP4C	Z	6.496	5
48	MP4C	Mx	.004	5
49	MP1A	X	0	5.5
50	MP1A	Z	3.22	5.5
51	MP1A	Mx	.00028	5.5
52	MP1B	X	0	5.5
53	MP1B	Z	1.663	5.5
54	MP1B	Mx	-.000819	5.5
55	MP2C	X	0	5.5
56	MP2C	Z	1.663	5.5
57	MP2C	Mx	.000819	5.5
58	MP4B	X	0	5.5
59	MP4B	Z	3.27	5.5
60	MP4B	Mx	0	5.5
61	MP1A	X	0	.7
62	MP1A	Z	3.976	.7
63	MP1A	Mx	.000345	.7
64	MP1A	X	0	2.7
65	MP1A	Z	3.976	2.7
66	MP1A	Mx	.000345	2.7
67	MP1B	X	0	.2
68	MP1B	Z	1.635	.2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
69	MP1B	Mx	-.000805	.2
70	MP1B	X	0	2.7
71	MP1B	Z	1.635	2.7
72	MP1B	Mx	-.000805	2.7
73	MP2C	X	0	.7
74	MP2C	Z	1.635	.7
75	MP2C	Mx	.000805	.7
76	MP2C	X	0	2.7
77	MP2C	Z	1.635	2.7
78	MP2C	Mx	.000805	2.7
79	MP4B	X	0	.7
80	MP4B	Z	4.051	.7
81	MP4B	Mx	0	.7
82	MP4B	X	0	2.7
83	MP4B	Z	4.051	2.7
84	MP4B	Mx	0	2.7
85	MP1C	X	0	3
86	MP1C	Z	.608	3
87	MP1C	Mx	-.000263	3
88	MP2A	X	0	3
89	MP2A	Z	.791	3
90	MP2A	Mx	0	3
91	MP2B	X	0	3
92	MP2B	Z	.608	3
93	MP2B	Mx	.000263	3
94	MP4C	X	0	3
95	MP4C	Z	.608	3
96	MP4C	Mx	-.000263	3
97	MP2C	X	0	1
98	MP2C	Z	3.043	1
99	MP2C	Mx	-.001	1
100	MP3A	X	0	1
101	MP3A	Z	3.997	1
102	MP3A	Mx	0	1
103	MP3B	X	0	1
104	MP3B	Z	3.043	1
105	MP3B	Mx	.001	1
106	MP5C	X	0	1
107	MP5C	Z	3.043	1
108	MP5C	Mx	-.001	1
109	BETA RRH	X	0	1
110	BETA RRH	Z	2.496	1
111	BETA RRH	Mx	0	1
112	GAMMA RRH 1	X	0	1
113	GAMMA RRH 1	Z	2.496	1
114	GAMMA RRH 1	Mx	0	1
115	GAMMA RRH 2	X	0	1
116	GAMMA RRH 2	Z	2.496	1
117	GAMMA RRH 2	Mx	0	1
118	MP2A	X	0	1
119	MP2A	Z	3.313	1
120	MP2A	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1C	X	-5.275	2
2	MP1C	Z	9.136	2
3	MP1C	Mx	.005	2
4	MP1C	X	-5.275	5
5	MP1C	Z	9.136	5
6	MP1C	Mx	.005	5
7	MP1C	X	-5.275	2
8	MP1C	Z	9.136	2
9	MP1C	Mx	-.011	2
10	MP1C	X	-5.275	5
11	MP1C	Z	9.136	5
12	MP1C	Mx	-.011	5
13	MP2B	X	-4.174	2
14	MP2B	Z	7.229	2
15	MP2B	Mx	-.009	2
16	MP2B	X	-4.174	5
17	MP2B	Z	7.229	5
18	MP2B	Mx	-.009	5
19	MP2B	X	-4.174	2
20	MP2B	Z	7.229	2
21	MP2B	Mx	.001	2
22	MP2B	X	-4.174	5
23	MP2B	Z	7.229	5
24	MP2B	Mx	.001	5
25	MP2A	X	-4.178	2
26	MP2A	Z	7.236	2
27	MP2A	Mx	-.000772	2
28	MP2A	X	-4.178	5
29	MP2A	Z	7.236	5
30	MP2A	Mx	-.000772	5
31	MP2A	X	-4.178	2
32	MP2A	Z	7.236	2
33	MP2A	Mx	.009	2
34	MP2A	X	-4.178	5
35	MP2A	Z	7.236	5
36	MP2A	Mx	.009	5
37	MP4C	X	-3.888	2
38	MP4C	Z	6.734	2
39	MP4C	Mx	.008	2
40	MP4C	X	-3.888	5
41	MP4C	Z	6.734	5
42	MP4C	Mx	.008	5
43	MP4C	X	-3.888	2
44	MP4C	Z	6.734	2
45	MP4C	Mx	.000719	2
46	MP4C	X	-3.888	5
47	MP4C	Z	6.734	5
48	MP4C	Mx	.000719	5
49	MP1A	X	-1.293	5.5
50	MP1A	Z	2.239	5.5
51	MP1A	Mx	.000831	5.5
52	MP1B	X	-1.149	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
53	MP1B	Z	1.99	5.5
54	MP1B	Mx	-.00088	5.5
55	MP2C	X	-1.149	5.5
56	MP2C	Z	1.99	5.5
57	MP2C	Mx	.00088	5.5
58	MP4B	X	-1.428	5.5
59	MP4B	Z	2.473	5.5
60	MP4B	Mx	-.000714	5.5
61	MP1A	X	-1.511	.7
62	MP1A	Z	2.617	.7
63	MP1A	Mx	.000971	.7
64	MP1A	X	-1.511	2.7
65	MP1A	Z	2.617	2.7
66	MP1A	Mx	.000971	2.7
67	MP1B	X	-1.295	.2
68	MP1B	Z	2.242	.2
69	MP1B	Mx	-.000992	.2
70	MP1B	X	-1.295	2.7
71	MP1B	Z	2.242	2.7
72	MP1B	Mx	-.000992	2.7
73	MP2C	X	-1.295	.7
74	MP2C	Z	2.242	.7
75	MP2C	Mx	.000992	.7
76	MP2C	X	-1.295	2.7
77	MP2C	Z	2.242	2.7
78	MP2C	Mx	.000992	2.7
79	MP4B	X	-1.714	.7
80	MP4B	Z	2.969	.7
81	MP4B	Mx	-.000857	.7
82	MP4B	X	-1.714	2.7
83	MP4B	Z	2.969	2.7
84	MP4B	Mx	-.000857	2.7
85	MP1C	X	-.365	3
86	MP1C	Z	.632	3
87	MP1C	Mx	-.000182	3
88	MP2A	X	-.365	3
89	MP2A	Z	.632	3
90	MP2A	Mx	-.000182	3
91	MP2B	X	-.274	3
92	MP2B	Z	.474	3
93	MP2B	Mx	.000274	3
94	MP4C	X	-.365	3
95	MP4C	Z	.632	3
96	MP4C	Mx	-.000182	3
97	MP2C	X	-1.84	1
98	MP2C	Z	3.186	1
99	MP2C	Mx	-.00092	1
100	MP3A	X	-1.84	1
101	MP3A	Z	3.186	1
102	MP3A	Mx	-.00092	1
103	MP3B	X	-1.363	1
104	MP3B	Z	2.36	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
105	MP3B	Mx	.001	1
106	MP5C	X	-1.84	1
107	MP5C	Z	3.186	1
108	MP5C	Mx	-.00092	1
109	BETA RRH	X	-1.112	1
110	BETA RRH	Z	1.925	1
111	BETA RRH	Mx	0	1
112	GAMMA RRH 1	X	-1.52	1
113	GAMMA RRH 1	Z	2.633	1
114	GAMMA RRH 1	Mx	0	1
115	GAMMA RRH 2	X	-1.52	1
116	GAMMA RRH 2	Z	2.633	1
117	GAMMA RRH 2	Mx	0	1
118	MP2A	X	-1.52	1
119	MP2A	Z	2.633	1
120	MP2A	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1C	X	-6.305	2
2	MP1C	Z	3.64	2
3	MP1C	Mx	-.000341	2
4	MP1C	X	-6.305	5
5	MP1C	Z	3.64	5
6	MP1C	Mx	-.000341	5
7	MP1C	X	-6.305	2
8	MP1C	Z	3.64	2
9	MP1C	Mx	-.007	2
10	MP1C	X	-6.305	5
11	MP1C	Z	3.64	5
12	MP1C	Mx	-.007	5
13	MP2B	X	-9.889	2
14	MP2B	Z	5.71	2
15	MP2B	Mx	-.012	2
16	MP2B	X	-9.889	5
17	MP2B	Z	5.71	5
18	MP2B	Mx	-.012	5
19	MP2B	X	-9.889	2
20	MP2B	Z	5.71	2
21	MP2B	Mx	.008	2
22	MP2B	X	-9.889	5
23	MP2B	Z	5.71	5
24	MP2B	Mx	.008	5
25	MP2A	X	-5.877	2
26	MP2A	Z	3.393	2
27	MP2A	Mx	.003	2
28	MP2A	X	-5.877	5
29	MP2A	Z	3.393	5
30	MP2A	Mx	.003	5
31	MP2A	X	-5.877	2
32	MP2A	Z	3.393	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
33	MP2A	Mx	.007	2
34	MP2A	X	-5.877	5
35	MP2A	Z	3.393	5
36	MP2A	Mx	.007	5
37	MP4C	X	-8.093	2
38	MP4C	Z	4.673	2
39	MP4C	Mx	.009	2
40	MP4C	X	-8.093	5
41	MP4C	Z	4.673	5
42	MP4C	Mx	.009	5
43	MP4C	X	-8.093	2
44	MP4C	Z	4.673	2
45	MP4C	Mx	-.004	2
46	MP4C	X	-8.093	5
47	MP4C	Z	4.673	5
48	MP4C	Mx	-.004	5
49	MP1A	X	-1.565	5.5
50	MP1A	Z	.904	5.5
51	MP1A	Mx	.000849	5.5
52	MP1B	X	-2.664	5.5
53	MP1B	Z	1.538	5.5
54	MP1B	Mx	-.000526	5.5
55	MP2C	X	-2.664	5.5
56	MP2C	Z	1.538	5.5
57	MP2C	Mx	.000526	5.5
58	MP4B	X	-1.756	5.5
59	MP4B	Z	1.014	5.5
60	MP4B	Mx	-.000878	5.5
61	MP1A	X	-1.603	.7
62	MP1A	Z	.926	.7
63	MP1A	Mx	.00087	.7
64	MP1A	X	-1.603	2.7
65	MP1A	Z	.926	2.7
66	MP1A	Mx	.00087	2.7
67	MP1B	X	-3.256	.2
68	MP1B	Z	1.88	.2
69	MP1B	Mx	-.000643	.2
70	MP1B	X	-3.256	2.7
71	MP1B	Z	1.88	2.7
72	MP1B	Mx	-.000643	2.7
73	MP2C	X	-3.256	.7
74	MP2C	Z	1.88	.7
75	MP2C	Mx	.000643	.7
76	MP2C	X	-3.256	2.7
77	MP2C	Z	1.88	2.7
78	MP2C	Mx	.000643	2.7
79	MP4B	X	-1.89	.7
80	MP4B	Z	1.091	.7
81	MP4B	Mx	-.000945	.7
82	MP4B	X	-1.89	2.7
83	MP4B	Z	1.091	2.7
84	MP4B	Mx	-.000945	2.7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
85	MP1C	X	-.685	3
86	MP1C	Z	.395	3
87	MP1C	Mx	0	3
88	MP2A	X	-.527	3
89	MP2A	Z	.304	3
90	MP2A	Mx	-.000264	3
91	MP2B	X	-.527	3
92	MP2B	Z	.304	3
93	MP2B	Mx	.000263	3
94	MP4C	X	-.685	3
95	MP4C	Z	.395	3
96	MP4C	Mx	0	3
97	MP2C	X	-3.462	1
98	MP2C	Z	1.999	1
99	MP2C	Mx	0	1
100	MP3A	X	-2.636	1
101	MP3A	Z	1.522	1
102	MP3A	Mx	-.001	1
103	MP3B	X	-2.636	1
104	MP3B	Z	1.522	1
105	MP3B	Mx	.001	1
106	MP5C	X	-3.462	1
107	MP5C	Z	1.999	1
108	MP5C	Mx	0	1
109	BETA RRH	X	-2.161	1
110	BETA RRH	Z	1.248	1
111	BETA RRH	Mx	0	1
112	GAMMA RRH 1	X	-2.869	1
113	GAMMA RRH 1	Z	1.657	1
114	GAMMA RRH 1	Mx	0	1
115	GAMMA RRH 2	X	-2.869	1
116	GAMMA RRH 2	Z	1.657	1
117	GAMMA RRH 2	Mx	0	1
118	MP2A	X	-2.161	1
119	MP2A	Z	1.248	1
120	MP2A	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1C	X	-5.647	2
2	MP1C	Z	0	2
3	MP1C	Mx	-.003	2
4	MP1C	X	-5.647	5
5	MP1C	Z	0	5
6	MP1C	Mx	-.003	5
7	MP1C	X	-5.647	2
8	MP1C	Z	0	2
9	MP1C	Mx	-.003	2
10	MP1C	X	-5.647	5
11	MP1C	Z	0	5
12	MP1C	Mx	-.003	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
13	MP2B	X	-11.987	2
14	MP2B	Z	0	2
15	MP2B	Mx	-.01	2
16	MP2B	X	-11.987	5
17	MP2B	Z	0	5
18	MP2B	Mx	-.01	5
19	MP2B	X	-11.987	2
20	MP2B	Z	0	2
21	MP2B	Mx	.012	2
22	MP2B	X	-11.987	5
23	MP2B	Z	0	5
24	MP2B	Mx	.012	5
25	MP2A	X	-6.496	2
26	MP2A	Z	0	2
27	MP2A	Mx	.006	2
28	MP2A	X	-6.496	5
29	MP2A	Z	0	5
30	MP2A	Mx	.006	5
31	MP2A	X	-6.496	2
32	MP2A	Z	0	2
33	MP2A	Mx	.004	2
34	MP2A	X	-6.496	5
35	MP2A	Z	0	5
36	MP2A	Mx	.004	5
37	MP4C	X	-9.636	2
38	MP4C	Z	0	2
39	MP4C	Mx	.006	2
40	MP4C	X	-9.636	5
41	MP4C	Z	0	5
42	MP4C	Mx	.006	5
43	MP4C	X	-9.636	2
44	MP4C	Z	0	2
45	MP4C	Mx	-.008	2
46	MP4C	X	-9.636	5
47	MP4C	Z	0	5
48	MP4C	Mx	-.008	5
49	MP1A	X	-1.663	5.5
50	MP1A	Z	0	5.5
51	MP1A	Mx	.000819	5.5
52	MP1B	X	-3.22	5.5
53	MP1B	Z	0	5.5
54	MP1B	Mx	.00028	5.5
55	MP2C	X	-3.22	5.5
56	MP2C	Z	0	5.5
57	MP2C	Mx	-.00028	5.5
58	MP4B	X	-1.613	5.5
59	MP4B	Z	0	5.5
60	MP4B	Mx	-.000806	5.5
61	MP1A	X	-1.635	.7
62	MP1A	Z	0	.7
63	MP1A	Mx	.000805	.7
64	MP1A	X	-1.635	2.7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
65	MP1A	Z	0	2.7
66	MP1A	Mx	.000805	2.7
67	MP1B	X	-3.976	.2
68	MP1B	Z	0	.2
69	MP1B	Mx	.000345	.2
70	MP1B	X	-3.976	2.7
71	MP1B	Z	0	2.7
72	MP1B	Mx	.000345	2.7
73	MP2C	X	-3.976	.7
74	MP2C	Z	0	.7
75	MP2C	Mx	-.000345	.7
76	MP2C	X	-3.976	2.7
77	MP2C	Z	0	2.7
78	MP2C	Mx	-.000345	2.7
79	MP4B	X	-1.56	.7
80	MP4B	Z	0	.7
81	MP4B	Mx	-.00078	.7
82	MP4B	X	-1.56	2.7
83	MP4B	Z	0	2.7
84	MP4B	Mx	-.00078	2.7
85	MP1C	X	-.73	3
86	MP1C	Z	0	3
87	MP1C	Mx	.000182	3
88	MP2A	X	-.547	3
89	MP2A	Z	0	3
90	MP2A	Mx	-.000274	3
91	MP2B	X	-.73	3
92	MP2B	Z	0	3
93	MP2B	Mx	.000182	3
94	MP4C	X	-.73	3
95	MP4C	Z	0	3
96	MP4C	Mx	.000182	3
97	MP2C	X	-3.679	1
98	MP2C	Z	0	1
99	MP2C	Mx	.00092	1
100	MP3A	X	-2.725	1
101	MP3A	Z	0	1
102	MP3A	Mx	-.001	1
103	MP3B	X	-3.679	1
104	MP3B	Z	0	1
105	MP3B	Mx	.00092	1
106	MP5C	X	-3.679	1
107	MP5C	Z	0	1
108	MP5C	Mx	.00092	1
109	BETA RRH	X	-3.041	1
110	BETA RRH	Z	0	1
111	BETA RRH	Mx	0	1
112	GAMMA RRH 1	X	-3.041	1
113	GAMMA RRH 1	Z	0	1
114	GAMMA RRH 1	Mx	0	1
115	GAMMA RRH 2	X	-3.041	1
116	GAMMA RRH 2	Z	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
117	GAMMA RRH 2	Mx	0	1
118	MP2A	X	-2.223	1
119	MP2A	Z	0	1
120	MP2A	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1C	X	-6.305	2
2	MP1C	Z	-3.64	2
3	MP1C	Mx	-.007	2
4	MP1C	X	-6.305	5
5	MP1C	Z	-3.64	5
6	MP1C	Mx	-.007	5
7	MP1C	X	-6.305	2
8	MP1C	Z	-3.64	2
9	MP1C	Mx	-.000341	2
10	MP1C	X	-6.305	5
11	MP1C	Z	-3.64	5
12	MP1C	Mx	-.000341	5
13	MP2B	X	-8.212	2
14	MP2B	Z	-4.741	2
15	MP2B	Mx	-.003	2
16	MP2B	X	-8.212	5
17	MP2B	Z	-4.741	5
18	MP2B	Mx	-.003	5
19	MP2B	X	-8.212	2
20	MP2B	Z	-4.741	2
21	MP2B	Mx	.01	2
22	MP2B	X	-8.212	5
23	MP2B	Z	-4.741	5
24	MP2B	Mx	.01	5
25	MP2A	X	-6.734	2
26	MP2A	Z	-3.888	2
27	MP2A	Mx	.008	2
28	MP2A	X	-6.734	5
29	MP2A	Z	-3.888	5
30	MP2A	Mx	.008	5
31	MP2A	X	-6.734	2
32	MP2A	Z	-3.888	2
33	MP2A	Mx	.000719	2
34	MP2A	X	-6.734	5
35	MP2A	Z	-3.888	5
36	MP2A	Mx	.000719	5
37	MP4C	X	-7.236	2
38	MP4C	Z	-4.178	2
39	MP4C	Mx	.000772	2
40	MP4C	X	-7.236	5
41	MP4C	Z	-4.178	5
42	MP4C	Mx	.000772	5
43	MP4C	X	-7.236	2
44	MP4C	Z	-4.178	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
45	MP4C	Mx	-.009	2
46	MP4C	X	-7.236	5
47	MP4C	Z	-4.178	5
48	MP4C	Mx	-.009	5
49	MP1A	X	-1.99	5.5
50	MP1A	Z	-1.149	5.5
51	MP1A	Mx	.00088	5.5
52	MP1B	X	-2.239	5.5
53	MP1B	Z	-1.293	5.5
54	MP1B	Mx	.000831	5.5
55	MP2C	X	-2.239	5.5
56	MP2C	Z	-1.293	5.5
57	MP2C	Mx	-.000831	5.5
58	MP4B	X	-1.756	5.5
59	MP4B	Z	-1.014	5.5
60	MP4B	Mx	-.000878	5.5
61	MP1A	X	-2.242	.7
62	MP1A	Z	-1.295	.7
63	MP1A	Mx	.000992	.7
64	MP1A	X	-2.242	2.7
65	MP1A	Z	-1.295	2.7
66	MP1A	Mx	.000992	2.7
67	MP1B	X	-2.617	.2
68	MP1B	Z	-1.511	.2
69	MP1B	Mx	.000971	.2
70	MP1B	X	-2.617	2.7
71	MP1B	Z	-1.511	2.7
72	MP1B	Mx	.000971	2.7
73	MP2C	X	-2.617	.7
74	MP2C	Z	-1.511	.7
75	MP2C	Mx	-.000971	.7
76	MP2C	X	-2.617	2.7
77	MP2C	Z	-1.511	2.7
78	MP2C	Mx	-.000971	2.7
79	MP4B	X	-1.89	.7
80	MP4B	Z	-1.091	.7
81	MP4B	Mx	-.000945	.7
82	MP4B	X	-1.89	2.7
83	MP4B	Z	-1.091	2.7
84	MP4B	Mx	-.000945	2.7
85	MP1C	X	-.527	3
86	MP1C	Z	-.304	3
87	MP1C	Mx	.000263	3
88	MP2A	X	-.527	3
89	MP2A	Z	-.304	3
90	MP2A	Mx	-.000264	3
91	MP2B	X	-.685	3
92	MP2B	Z	-.395	3
93	MP2B	Mx	0	3
94	MP4C	X	-.527	3
95	MP4C	Z	-.304	3
96	MP4C	Mx	.000263	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
97	MP2C	X	-2.636	1
98	MP2C	Z	-1.522	1
99	MP2C	Mx	.001	1
100	MP3A	X	-2.636	1
101	MP3A	Z	-1.522	1
102	MP3A	Mx	-.001	1
103	MP3B	X	-3.462	1
104	MP3B	Z	-1.999	1
105	MP3B	Mx	0	1
106	MP5C	X	-2.636	1
107	MP5C	Z	-1.522	1
108	MP5C	Mx	.001	1
109	BETA RRH	X	-2.869	1
110	BETA RRH	Z	-1.657	1
111	BETA RRH	Mx	0	1
112	GAMMA RRH 1	X	-2.161	1
113	GAMMA RRH 1	Z	-1.248	1
114	GAMMA RRH 1	Mx	0	1
115	GAMMA RRH 2	X	-2.161	1
116	GAMMA RRH 2	Z	-1.248	1
117	GAMMA RRH 2	Mx	0	1
118	MP2A	X	-2.161	1
119	MP2A	Z	-1.248	1
120	MP2A	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1C	X	-5.275	2
2	MP1C	Z	-9.136	2
3	MP1C	Mx	-.011	2
4	MP1C	X	-5.275	5
5	MP1C	Z	-9.136	5
6	MP1C	Mx	-.011	5
7	MP1C	X	-5.275	2
8	MP1C	Z	-9.136	2
9	MP1C	Mx	.005	2
10	MP1C	X	-5.275	5
11	MP1C	Z	-9.136	5
12	MP1C	Mx	.005	5
13	MP2B	X	-3.206	2
14	MP2B	Z	-5.552	2
15	MP2B	Mx	.002	2
16	MP2B	X	-3.206	5
17	MP2B	Z	-5.552	5
18	MP2B	Mx	.002	5
19	MP2B	X	-3.206	2
20	MP2B	Z	-5.552	2
21	MP2B	Mx	.006	2
22	MP2B	X	-3.206	5
23	MP2B	Z	-5.552	5
24	MP2B	Mx	.006	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
25	MP2A	X	-4.673	2
26	MP2A	Z	-8.093	2
27	MP2A	Mx	.009	2
28	MP2A	X	-4.673	5
29	MP2A	Z	-8.093	5
30	MP2A	Mx	.009	5
31	MP2A	X	-4.673	2
32	MP2A	Z	-8.093	2
33	MP2A	Mx	-.004	2
34	MP2A	X	-4.673	5
35	MP2A	Z	-8.093	5
36	MP2A	Mx	-.004	5
37	MP4C	X	-3.393	2
38	MP4C	Z	-5.877	2
39	MP4C	Mx	-.003	2
40	MP4C	X	-3.393	5
41	MP4C	Z	-5.877	5
42	MP4C	Mx	-.003	5
43	MP4C	X	-3.393	2
44	MP4C	Z	-5.877	2
45	MP4C	Mx	-.007	2
46	MP4C	X	-3.393	5
47	MP4C	Z	-5.877	5
48	MP4C	Mx	-.007	5
49	MP1A	X	-1.538	5.5
50	MP1A	Z	-2.664	5.5
51	MP1A	Mx	.000526	5.5
52	MP1B	X	-.904	5.5
53	MP1B	Z	-1.565	5.5
54	MP1B	Mx	.000849	5.5
55	MP2C	X	-.904	5.5
56	MP2C	Z	-1.565	5.5
57	MP2C	Mx	-.000849	5.5
58	MP4B	X	-1.428	5.5
59	MP4B	Z	-2.473	5.5
60	MP4B	Mx	-.000714	5.5
61	MP1A	X	-1.88	.7
62	MP1A	Z	-3.256	.7
63	MP1A	Mx	.000643	.7
64	MP1A	X	-1.88	2.7
65	MP1A	Z	-3.256	2.7
66	MP1A	Mx	.000643	2.7
67	MP1B	X	-.926	.2
68	MP1B	Z	-1.603	.2
69	MP1B	Mx	.00087	.2
70	MP1B	X	-.926	2.7
71	MP1B	Z	-1.603	2.7
72	MP1B	Mx	.00087	2.7
73	MP2C	X	-.926	.7
74	MP2C	Z	-1.603	.7
75	MP2C	Mx	-.00087	.7
76	MP2C	X	-.926	2.7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
77	MP2C	Z	-1.603	2.7
78	MP2C	Mx	-.00087	2.7
79	MP4B	X	-1.714	.7
80	MP4B	Z	-2.969	.7
81	MP4B	Mx	-.000857	.7
82	MP4B	X	-1.714	2.7
83	MP4B	Z	-2.969	2.7
84	MP4B	Mx	-.000857	2.7
85	MP1C	X	-.274	3
86	MP1C	Z	-.474	3
87	MP1C	Mx	.000274	3
88	MP2A	X	-.365	3
89	MP2A	Z	-.632	3
90	MP2A	Mx	-.000182	3
91	MP2B	X	-.365	3
92	MP2B	Z	-.632	3
93	MP2B	Mx	-.000182	3
94	MP4C	X	-.274	3
95	MP4C	Z	-.474	3
96	MP4C	Mx	.000274	3
97	MP2C	X	-1.363	1
98	MP2C	Z	-2.36	1
99	MP2C	Mx	.001	1
100	MP3A	X	-1.84	1
101	MP3A	Z	-3.186	1
102	MP3A	Mx	-.00092	1
103	MP3B	X	-1.84	1
104	MP3B	Z	-3.186	1
105	MP3B	Mx	-.00092	1
106	MP5C	X	-1.363	1
107	MP5C	Z	-2.36	1
108	MP5C	Mx	.001	1
109	BETA RRH	X	-1.52	1
110	BETA RRH	Z	-2.633	1
111	BETA RRH	Mx	0	1
112	GAMMA RRH 1	X	-1.112	1
113	GAMMA RRH 1	Z	-1.925	1
114	GAMMA RRH 1	Mx	0	1
115	GAMMA RRH 2	X	-1.112	1
116	GAMMA RRH 2	Z	-1.925	1
117	GAMMA RRH 2	Mx	0	1
118	MP2A	X	-1.52	1
119	MP2A	Z	-2.633	1
120	MP2A	Mx	0	1

Member Point Loads (BLC 77 : Lm1)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M7	Y	-500	%100

Member Point Loads (BLC 78 : Lm2)

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

Member Point Loads (BLC 78 : Lm2) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M9	Y	-500	%100

Member Point Loads (BLC 79 : Lv1)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M72A	Y	-250	0

Member Point Loads (BLC 80 : Lv2)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M72A	Y	-250	%100

Member Point Loads (BLC 81 : Antenna Ev)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1C	Y	0	2
2	MP1C	My	0	2
3	MP1C	Mz	0	2
4	MP1C	Y	0	5
5	MP1C	My	0	5
6	MP1C	Mz	0	5
7	MP1C	Y	0	2
8	MP1C	My	0	2
9	MP1C	Mz	0	2
10	MP1C	Y	0	5
11	MP1C	My	0	5
12	MP1C	Mz	0	5
13	MP2B	Y	0	2
14	MP2B	My	0	2
15	MP2B	Mz	0	2
16	MP2B	Y	0	5
17	MP2B	My	0	5
18	MP2B	Mz	0	5
19	MP2B	Y	0	2
20	MP2B	My	0	2
21	MP2B	Mz	0	2
22	MP2B	Y	0	5
23	MP2B	My	0	5
24	MP2B	Mz	0	5
25	MP2A	Y	0	2
26	MP2A	My	0	2
27	MP2A	Mz	0	2
28	MP2A	Y	0	5
29	MP2A	My	0	5
30	MP2A	Mz	0	5
31	MP2A	Y	0	2
32	MP2A	My	0	2
33	MP2A	Mz	0	2
34	MP2A	Y	0	5
35	MP2A	My	0	5
36	MP2A	Mz	0	5
37	MP4C	Y	0	2
38	MP4C	My	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
39	MP4C	Mz	0	2
40	MP4C	Y	0	5
41	MP4C	My	0	5
42	MP4C	Mz	0	5
43	MP4C	Y	0	2
44	MP4C	My	0	2
45	MP4C	Mz	0	2
46	MP4C	Y	0	5
47	MP4C	My	0	5
48	MP4C	Mz	0	5
49	MP1A	Y	0	5.5
50	MP1A	My	0	5.5
51	MP1A	Mz	0	5.5
52	MP1B	Y	0	5.5
53	MP1B	My	0	5.5
54	MP1B	Mz	0	5.5
55	MP2C	Y	0	5.5
56	MP2C	My	0	5.5
57	MP2C	Mz	0	5.5
58	MP4B	Y	0	5.5
59	MP4B	My	0	5.5
60	MP4B	Mz	0	5.5
61	MP1A	Y	0	.7
62	MP1A	My	0	.7
63	MP1A	Mz	0	.7
64	MP1A	Y	0	2.7
65	MP1A	My	0	2.7
66	MP1A	Mz	0	2.7
67	MP1B	Y	0	.2
68	MP1B	My	0	.2
69	MP1B	Mz	0	.2
70	MP1B	Y	0	2.7
71	MP1B	My	0	2.7
72	MP1B	Mz	0	2.7
73	MP2C	Y	0	.7
74	MP2C	My	0	.7
75	MP2C	Mz	0	.7
76	MP2C	Y	0	2.7
77	MP2C	My	0	2.7
78	MP2C	Mz	0	2.7
79	MP4B	Y	0	.7
80	MP4B	My	0	.7
81	MP4B	Mz	0	.7
82	MP4B	Y	0	2.7
83	MP4B	My	0	2.7
84	MP4B	Mz	0	2.7
85	MP1C	Y	0	3
86	MP1C	My	0	3
87	MP1C	Mz	0	3
88	MP2A	Y	0	3
89	MP2A	My	0	3
90	MP2A	Mz	0	3

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
91	MP2B	Y	0	3
92	MP2B	My	0	3
93	MP2B	Mz	0	3
94	MP4C	Y	0	3
95	MP4C	My	0	3
96	MP4C	Mz	0	3
97	MP2C	Y	0	1
98	MP2C	My	0	1
99	MP2C	Mz	0	1
100	MP3A	Y	0	1
101	MP3A	My	0	1
102	MP3A	Mz	0	1
103	MP3B	Y	0	1
104	MP3B	My	0	1
105	MP3B	Mz	0	1
106	MP5C	Y	0	1
107	MP5C	My	0	1
108	MP5C	Mz	0	1
109	BETA RRH	Y	0	1
110	BETA RRH	My	0	1
111	BETA RRH	Mz	0	1
112	GAMMA RRH 1	Y	0	1
113	GAMMA RRH 1	My	0	1
114	GAMMA RRH 1	Mz	0	1
115	GAMMA RRH 2	Y	0	1
116	GAMMA RRH 2	My	0	1
117	GAMMA RRH 2	Mz	0	1
118	MP2A	Y	0	1
119	MP2A	My	0	1
120	MP2A	Mz	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1C	Z	-1.373	2
2	MP1C	Mx	-.001	2
3	MP1C	Z	-1.373	5
4	MP1C	Mx	-.001	5
5	MP1C	Z	-1.373	2
6	MP1C	Mx	.001	2
7	MP1C	Z	-1.373	5
8	MP1C	Mx	.001	5
9	MP2B	Z	-1.373	2
10	MP2B	Mx	.001	2
11	MP2B	Z	-1.373	5
12	MP2B	Mx	.001	5
13	MP2B	Z	-1.373	2
14	MP2B	Mx	.00057	2
15	MP2B	Z	-1.373	5
16	MP2B	Mx	.00057	5
17	MP2A	Z	-.95	2
18	MP2A	Mx	.000578	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
19	MP2A	Z	-.95	5
20	MP2A	Mx	.000578	5
21	MP2A	Z	-.95	2
22	MP2A	Mx	-.000825	2
23	MP2A	Z	-.95	5
24	MP2A	Mx	-.000825	5
25	MP4C	Z	-.95	2
26	MP4C	Mx	-.000825	2
27	MP4C	Z	-.95	5
28	MP4C	Mx	-.000825	5
29	MP4C	Z	-.95	2
30	MP4C	Mx	-.000578	2
31	MP4C	Z	-.95	5
32	MP4C	Mx	-.000578	5
33	MP1A	Z	-.696	5.5
34	MP1A	Mx	-6e-5	5.5
35	MP1B	Z	-.696	5.5
36	MP1B	Mx	.000343	5.5
37	MP2C	Z	-.696	5.5
38	MP2C	Mx	-.000343	5.5
39	MP4B	Z	-.696	5.5
40	MP4B	Mx	0	5.5
41	MP1A	Z	-.86	.7
42	MP1A	Mx	-7.5e-5	.7
43	MP1A	Z	-.86	2.7
44	MP1A	Mx	-7.5e-5	2.7
45	MP1B	Z	-.86	.2
46	MP1B	Mx	.000423	.2
47	MP1B	Z	-.86	2.7
48	MP1B	Mx	.000423	2.7
49	MP2C	Z	-.86	.7
50	MP2C	Mx	-.000423	.7
51	MP2C	Z	-.86	2.7
52	MP2C	Mx	-.000423	2.7
53	MP4B	Z	-.86	.7
54	MP4B	Mx	0	.7
55	MP4B	Z	-.86	2.7
56	MP4B	Mx	0	2.7
57	MP1C	Z	-.312	3
58	MP1C	Mx	.000135	3
59	MP2A	Z	-.312	3
60	MP2A	Mx	0	3
61	MP2B	Z	-.312	3
62	MP2B	Mx	-.000135	3
63	MP4C	Z	-.312	3
64	MP4C	Mx	.000135	3
65	MP2C	Z	-2.373	1
66	MP2C	Mx	.001	1
67	MP3A	Z	-2.373	1
68	MP3A	Mx	0	1
69	MP3B	Z	-2.373	1
70	MP3B	Mx	-.001	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
71	MP5C	Z	-2.373	1
72	MP5C	Mx	.001	1
73	BETA RRH	Z	-2.241	1
74	BETA RRH	Mx	0	1
75	GAMMA RRH 1	Z	-2.241	1
76	GAMMA RRH 1	Mx	0	1
77	GAMMA RRH 2	Z	-2.241	1
78	GAMMA RRH 2	Mx	0	1
79	MP2A	Z	-2.241	1
80	MP2A	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP1C	X	1.373	2
2	MP1C	Mx	.000801	2
3	MP1C	X	1.373	5
4	MP1C	Mx	.000801	5
5	MP1C	X	1.373	2
6	MP1C	Mx	.000801	2
7	MP1C	X	1.373	5
8	MP1C	Mx	.000801	5
9	MP2B	X	1.373	2
10	MP2B	Mx	.001	2
11	MP2B	X	1.373	5
12	MP2B	Mx	.001	5
13	MP2B	X	1.373	2
14	MP2B	Mx	-.001	2
15	MP2B	X	1.373	5
16	MP2B	Mx	-.001	5
17	MP2A	X	.95	2
18	MP2A	Mx	-.000825	2
19	MP2A	X	.95	5
20	MP2A	Mx	-.000825	5
21	MP2A	X	.95	2
22	MP2A	Mx	-.000578	2
23	MP2A	X	.95	5
24	MP2A	Mx	-.000578	5
25	MP4C	X	.95	2
26	MP4C	Mx	-.000578	2
27	MP4C	X	.95	5
28	MP4C	Mx	-.000578	5
29	MP4C	X	.95	2
30	MP4C	Mx	.000825	2
31	MP4C	X	.95	5
32	MP4C	Mx	.000825	5
33	MP1A	X	.696	5.5
34	MP1A	Mx	-.000343	5.5
35	MP1B	X	.696	5.5
36	MP1B	Mx	-6e-5	5.5
37	MP2C	X	.696	5.5
38	MP2C	Mx	6e-5	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
39	MP4B	X	.696	5.5
40	MP4B	Mx	.000348	5.5
41	MP1A	X	.86	.7
42	MP1A	Mx	-.000423	.7
43	MP1A	X	.86	2.7
44	MP1A	Mx	-.000423	2.7
45	MP1B	X	.86	.2
46	MP1B	Mx	-7.5e-5	.2
47	MP1B	X	.86	2.7
48	MP1B	Mx	-7.5e-5	2.7
49	MP2C	X	.86	.7
50	MP2C	Mx	7.5e-5	.7
51	MP2C	X	.86	2.7
52	MP2C	Mx	7.5e-5	2.7
53	MP4B	X	.86	.7
54	MP4B	Mx	.00043	.7
55	MP4B	X	.86	2.7
56	MP4B	Mx	.00043	2.7
57	MP1C	X	.312	3
58	MP1C	Mx	-7.8e-5	3
59	MP2A	X	.312	3
60	MP2A	Mx	.000156	3
61	MP2B	X	.312	3
62	MP2B	Mx	-7.8e-5	3
63	MP4C	X	.312	3
64	MP4C	Mx	-7.8e-5	3
65	MP2C	X	2.373	1
66	MP2C	Mx	-.000593	1
67	MP3A	X	2.373	1
68	MP3A	Mx	.001	1
69	MP3B	X	2.373	1
70	MP3B	Mx	-.000593	1
71	MP5C	X	2.373	1
72	MP5C	Mx	-.000593	1
73	BETA RRH	X	2.241	1
74	BETA RRH	Mx	0	1
75	GAMMA RRH 1	X	2.241	1
76	GAMMA RRH 1	Mx	0	1
77	GAMMA RRH 2	X	2.241	1
78	GAMMA RRH 2	Mx	0	1
79	MP2A	X	2.241	1
80	MP2A	Mx	0	1

Member Distributed Loads (BLC 40 : Structure Di)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	MP4A	Y	-4.997	-4.997	0	%100
2	MP3A	Y	-4.997	-4.997	0	%100
3	MP2A	Y	-4.997	-4.997	0	%100
4	MP1A	Y	-4.997	-4.997	0	%100
5	M28	Y	-9.196	-9.196	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
6	M31	Y	-9.196	-9.196	0	%100
7	M34	Y	-9.196	-9.196	0	%100
8	M37	Y	-12.965	-12.965	0	%100
9	M40	Y	-12.965	-12.965	0	%100
10	M43	Y	-12.965	-12.965	0	%100
11	M46	Y	-12.965	-12.965	0	%100
12	M49	Y	-12.965	-12.965	0	%100
13	M52	Y	-12.965	-12.965	0	%100
14	M55	Y	-9.196	-9.196	0	%100
15	M56	Y	-9.196	-9.196	0	%100
16	M57	Y	-5.638	-5.638	0	%100
17	M58	Y	-5.638	-5.638	0	%100
18	M59	Y	-2.698	-2.698	0	%100
19	M60	Y	-2.698	-2.698	0	%100
20	M61	Y	-2.698	-2.698	0	%100
21	M62	Y	-2.698	-2.698	0	%100
22	M63	Y	-2.698	-2.698	0	%100
23	M64	Y	-2.698	-2.698	0	%100
24	M65	Y	-2.698	-2.698	0	%100
25	M66	Y	-7.638	-7.638	0	%100
26	M68	Y	-7.638	-7.638	0	%100
27	M70	Y	-7.638	-7.638	0	%100
28	M72A	Y	-9.13	-9.13	0	%100
29	M73A	Y	-9.13	-9.13	0	%100
30	M74A	Y	-9.13	-9.13	0	%100
31	M75	Y	-9.13	-9.13	0	%100
32	M76	Y	-9.13	-9.13	0	%100
33	M77	Y	-9.13	-9.13	0	%100
34	MP5C	Y	-4.997	-4.997	0	%100
35	MP3C	Y	-4.997	-4.997	0	%100
36	GAMMA RRH 1	Y	-4.997	-4.997	0	%100
37	M23	Y	-4.997	-4.997	0	%100
38	MP3B	Y	-4.997	-4.997	0	%100
39	BETA RRH	Y	-4.997	-4.997	0	%100
40	M24	Y	-4.997	-4.997	0	%100
41	GAMMA RRH 2	Y	-4.997	-4.997	0	%100
42	MP2C	Y	-4.997	-4.997	0	%100
43	MP4C	Y	-4.997	-4.997	0	%100
44	MP1B	Y	-4.997	-4.997	0	%100
45	MP4B	Y	-4.997	-4.997	0	%100
46	M123	Y	-4.997	-4.997	0	%100
47	M124	Y	-4.997	-4.997	0	%100
48	MP1C	Y	-4.997	-4.997	0	%100
49	M141	Y	-4.997	-4.997	0	%100
50	M142	Y	-4.997	-4.997	0	%100
51	MP2B	Y	-4.997	-4.997	0	%100
52	M89	Y	-4.997	-4.997	0	%100
53	M90	Y	-4.997	-4.997	0	%100
54	M91	Y	-4.997	-4.997	0	%100
55	M92	Y	-4.997	-4.997	0	%100
56	M93	Y	-4.997	-4.997	0	%100
57	M94	Y	-4.997	-4.997	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	M95	Y	-5.704	-5.704	0	%100
59	M98	Y	-5.704	-5.704	0	%100
60	M101	Y	-5.704	-5.704	0	%100
61	M104	Y	-7.638	-7.638	0	%100
62	M105	Y	-7.638	-7.638	0	%100
63	M106	Y	-7.638	-7.638	0	%100
64	M120	Y	-4.997	-4.997	0	%100
65	M121	Y	-4.997	-4.997	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	MP4A	X	0	0	0	%100
2	MP4A	Z	-8.123	-8.123	0	%100
3	MP3A	X	0	0	0	%100
4	MP3A	Z	-8.123	-8.123	0	%100
5	MP2A	X	0	0	0	%100
6	MP2A	Z	-8.123	-8.123	0	%100
7	MP1A	X	0	0	0	%100
8	MP1A	Z	-8.123	-8.123	0	%100
9	M28	X	0	0	0	%100
10	M28	Z	-21.945	-21.945	0	%100
11	M31	X	0	0	0	%100
12	M31	Z	-5.486	-5.486	0	%100
13	M34	X	0	0	0	%100
14	M34	Z	-5.486	-5.486	0	%100
15	M37	X	0	0	0	%100
16	M37	Z	-1.283	-1.283	0	%100
17	M40	X	0	0	0	%100
18	M40	Z	-1.283	-1.283	0	%100
19	M43	X	0	0	0	%100
20	M43	Z	-.321	-.321	0	%100
21	M46	X	0	0	0	%100
22	M46	Z	-.321	-.321	0	%100
23	M49	X	0	0	0	%100
24	M49	Z	-.321	-.321	0	%100
25	M52	X	0	0	0	%100
26	M52	Z	-.321	-.321	0	%100
27	M55	X	0	0	0	%100
28	M55	Z	-19.607	-19.607	0	%100
29	M56	X	0	0	0	%100
30	M56	Z	0	0	0	%100
31	M57	X	0	0	0	%100
32	M57	Z	-11.4	-11.4	0	%100
33	M58	X	0	0	0	%100
34	M58	Z	-11.4	-11.4	0	%100
35	M59	X	0	0	0	%100
36	M59	Z	0	0	0	%100
37	M60	X	0	0	0	%100
38	M60	Z	0	0	0	%100
39	M61	X	0	0	0	%100
40	M61	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
41	M62	X	0	0	0	%100
42	M62	Z	0	0	0	%100
43	M63	X	0	0	0	%100
44	M63	Z	0	0	0	%100
45	M64	X	0	0	0	%100
46	M64	Z	0	0	0	%100
47	M65	X	0	0	0	%100
48	M65	Z	0	0	0	%100
49	M66	X	0	0	0	%100
50	M66	Z	0	0	0	%100
51	M68	X	0	0	0	%100
52	M68	Z	-5.759	-5.759	0	%100
53	M70	X	0	0	0	%100
54	M70	Z	-5.759	-5.759	0	%100
55	M72A	X	0	0	0	%100
56	M72A	Z	-23.465	-23.465	0	%100
57	M73A	X	0	0	0	%100
58	M73A	Z	-23.465	-23.465	0	%100
59	M74A	X	0	0	0	%100
60	M74A	Z	-5.866	-5.866	0	%100
61	M75	X	0	0	0	%100
62	M75	Z	-5.866	-5.866	0	%100
63	M76	X	0	0	0	%100
64	M76	Z	-5.866	-5.866	0	%100
65	M77	X	0	0	0	%100
66	M77	Z	-5.866	-5.866	0	%100
67	MP5C	X	0	0	0	%100
68	MP5C	Z	-8.123	-8.123	0	%100
69	MP3C	X	0	0	0	%100
70	MP3C	Z	-8.123	-8.123	0	%100
71	GAMMA RRH 1	X	0	0	0	%100
72	GAMMA RRH 1	Z	-8.123	-8.123	0	%100
73	M23	X	0	0	0	%100
74	M23	Z	-8.123	-8.123	0	%100
75	MP3B	X	0	0	0	%100
76	MP3B	Z	-8.123	-8.123	0	%100
77	BETA RRH	X	0	0	0	%100
78	BETA RRH	Z	-8.123	-8.123	0	%100
79	M24	X	0	0	0	%100
80	M24	Z	-8.123	-8.123	0	%100
81	GAMMA RRH 2	X	0	0	0	%100
82	GAMMA RRH 2	Z	-8.123	-8.123	0	%100
83	MP2C	X	0	0	0	%100
84	MP2C	Z	-8.123	-8.123	0	%100
85	MP4C	X	0	0	0	%100
86	MP4C	Z	-8.123	-8.123	0	%100
87	MP1B	X	0	0	0	%100
88	MP1B	Z	-8.123	-8.123	0	%100
89	MP4B	X	0	0	0	%100
90	MP4B	Z	-8.123	-8.123	0	%100
91	M123	X	0	0	0	%100
92	M123	Z	-4.554	-4.554	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
93	M124	X	0	0	0	%100
94	M124	Z	-4.554	-4.554	0	%100
95	MP1C	X	0	0	0	%100
96	MP1C	Z	-8.123	-8.123	0	%100
97	M141	X	0	0	0	%100
98	M141	Z	-4.554	-4.554	0	%100
99	M142	X	0	0	0	%100
100	M142	Z	-4.554	-4.554	0	%100
101	MP2B	X	0	0	0	%100
102	MP2B	Z	-8.123	-8.123	0	%100
103	M89	X	0	0	0	%100
104	M89	Z	-3.842	-3.842	0	%100
105	M90	X	0	0	0	%100
106	M90	Z	-3.842	-3.842	0	%100
107	M91	X	0	0	0	%100
108	M91	Z	-3.842	-3.842	0	%100
109	M92	X	0	0	0	%100
110	M92	Z	-3.842	-3.842	0	%100
111	M93	X	0	0	0	%100
112	M93	Z	-3.842	-3.842	0	%100
113	M94	X	0	0	0	%100
114	M94	Z	-3.842	-3.842	0	%100
115	M95	X	0	0	0	%100
116	M95	Z	-9.833	-9.833	0	%100
117	M98	X	0	0	0	%100
118	M98	Z	-2.458	-2.458	0	%100
119	M101	X	0	0	0	%100
120	M101	Z	-2.458	-2.458	0	%100
121	M104	X	0	0	0	%100
122	M104	Z	-2.581	-2.581	0	%100
123	M105	X	0	0	0	%100
124	M105	Z	-10.462	-10.462	0	%100
125	M106	X	0	0	0	%100
126	M106	Z	-2.65	-2.65	0	%100
127	M120	X	0	0	0	%100
128	M120	Z	-.472	-.472	0	%100
129	M121	X	0	0	0	%100
130	M121	Z	-.472	-.472	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	MP4A	X	4.061	4.061	0	%100
2	MP4A	Z	-7.034	-7.034	0	%100
3	MP3A	X	4.061	4.061	0	%100
4	MP3A	Z	-7.034	-7.034	0	%100
5	MP2A	X	4.061	4.061	0	%100
6	MP2A	Z	-7.034	-7.034	0	%100
7	MP1A	X	4.061	4.061	0	%100
8	MP1A	Z	-7.034	-7.034	0	%100
9	M28	X	8.229	8.229	0	%100
10	M28	Z	-14.254	-14.254	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
11	M31	X	8.229	8.229	0	%100
12	M31	Z	-14.254	-14.254	0	%100
13	M34	X	0	0	0	%100
14	M34	Z	0	0	0	%100
15	M37	X	.481	.481	0	%100
16	M37	Z	-.833	-.833	0	%100
17	M40	X	.481	.481	0	%100
18	M40	Z	-.833	-.833	0	%100
19	M43	X	.481	.481	0	%100
20	M43	Z	-.833	-.833	0	%100
21	M46	X	.481	.481	0	%100
22	M46	Z	-.833	-.833	0	%100
23	M49	X	0	0	0	%100
24	M49	Z	0	0	0	%100
25	M52	X	0	0	0	%100
26	M52	Z	0	0	0	%100
27	M55	X	7.352	7.352	0	%100
28	M55	Z	-12.735	-12.735	0	%100
29	M56	X	2.32	2.32	0	%100
30	M56	Z	-4.018	-4.018	0	%100
31	M57	X	5.7	5.7	0	%100
32	M57	Z	-9.873	-9.873	0	%100
33	M58	X	5.7	5.7	0	%100
34	M58	Z	-9.873	-9.873	0	%100
35	M59	X	.283	.283	0	%100
36	M59	Z	-.49	-.49	0	%100
37	M60	X	.283	.283	0	%100
38	M60	Z	-.49	-.49	0	%100
39	M61	X	.283	.283	0	%100
40	M61	Z	-.49	-.49	0	%100
41	M62	X	.283	.283	0	%100
42	M62	Z	-.49	-.49	0	%100
43	M63	X	.283	.283	0	%100
44	M63	Z	-.49	-.49	0	%100
45	M64	X	.283	.283	0	%100
46	M64	Z	-.49	-.49	0	%100
47	M65	X	.283	.283	0	%100
48	M65	Z	-.49	-.49	0	%100
49	M66	X	.96	.96	0	%100
50	M66	Z	-1.663	-1.663	0	%100
51	M68	X	.96	.96	0	%100
52	M68	Z	-1.663	-1.663	0	%100
53	M70	X	3.84	3.84	0	%100
54	M70	Z	-6.65	-6.65	0	%100
55	M72A	X	8.799	8.799	0	%100
56	M72A	Z	-15.241	-15.241	0	%100
57	M73A	X	8.799	8.799	0	%100
58	M73A	Z	-15.241	-15.241	0	%100
59	M74A	X	8.799	8.799	0	%100
60	M74A	Z	-15.241	-15.241	0	%100
61	M75	X	8.799	8.799	0	%100
62	M75	Z	-15.241	-15.241	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
63	M76	X	0	0	0	%100
64	M76	Z	0	0	0	%100
65	M77	X	0	0	0	%100
66	M77	Z	0	0	0	%100
67	MP5C	X	4.061	4.061	0	%100
68	MP5C	Z	-7.034	-7.034	0	%100
69	MP3C	X	4.061	4.061	0	%100
70	MP3C	Z	-7.034	-7.034	0	%100
71	GAMMA RRH 1	X	4.061	4.061	0	%100
72	GAMMA RRH 1	Z	-7.034	-7.034	0	%100
73	M23	X	4.061	4.061	0	%100
74	M23	Z	-7.034	-7.034	0	%100
75	MP3B	X	4.061	4.061	0	%100
76	MP3B	Z	-7.034	-7.034	0	%100
77	BETA RRH	X	4.061	4.061	0	%100
78	BETA RRH	Z	-7.034	-7.034	0	%100
79	M24	X	4.061	4.061	0	%100
80	M24	Z	-7.034	-7.034	0	%100
81	GAMMA RRH 2	X	4.061	4.061	0	%100
82	GAMMA RRH 2	Z	-7.034	-7.034	0	%100
83	MP2C	X	4.061	4.061	0	%100
84	MP2C	Z	-7.034	-7.034	0	%100
85	MP4C	X	4.061	4.061	0	%100
86	MP4C	Z	-7.034	-7.034	0	%100
87	MP1B	X	4.061	4.061	0	%100
88	MP1B	Z	-7.034	-7.034	0	%100
89	MP4B	X	4.061	4.061	0	%100
90	MP4B	Z	-7.034	-7.034	0	%100
91	M123	X	.759	.759	0	%100
92	M123	Z	-1.315	-1.315	0	%100
93	M124	X	.759	.759	0	%100
94	M124	Z	-1.315	-1.315	0	%100
95	MP1C	X	4.061	4.061	0	%100
96	MP1C	Z	-7.034	-7.034	0	%100
97	M141	X	3.036	3.036	0	%100
98	M141	Z	-5.259	-5.259	0	%100
99	M142	X	3.036	3.036	0	%100
100	M142	Z	-5.259	-5.259	0	%100
101	MP2B	X	4.061	4.061	0	%100
102	MP2B	Z	-7.034	-7.034	0	%100
103	M89	X	.64	.64	0	%100
104	M89	Z	-1.109	-1.109	0	%100
105	M90	X	.64	.64	0	%100
106	M90	Z	-1.109	-1.109	0	%100
107	M91	X	2.561	2.561	0	%100
108	M91	Z	-4.436	-4.436	0	%100
109	M92	X	2.561	2.561	0	%100
110	M92	Z	-4.436	-4.436	0	%100
111	M93	X	2.561	2.561	0	%100
112	M93	Z	-4.436	-4.436	0	%100
113	M94	X	2.561	2.561	0	%100
114	M94	Z	-4.436	-4.436	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
115	M95	X	3.687	3.687	0	%100
116	M95	Z	-6.386	-6.386	0	%100
117	M98	X	3.687	3.687	0	%100
118	M98	Z	-6.386	-6.386	0	%100
119	M101	X	0	0	0	%100
120	M101	Z	0	0	0	%100
121	M104	X	3.906	3.906	0	%100
122	M104	Z	-6.766	-6.766	0	%100
123	M105	X	3.941	3.941	0	%100
124	M105	Z	-6.825	-6.825	0	%100
125	M106	X	7.6e-5	7.6e-5	0	%100
126	M106	Z	-.000131	-.000131	0	%100
127	M120	X	1.762	1.762	0	%100
128	M120	Z	-3.052	-3.052	0	%100
129	M121	X	.236	.236	0	%100
130	M121	Z	-.409	-.409	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	MP4A	X	7.034	7.034	0	%100
2	MP4A	Z	-4.061	-4.061	0	%100
3	MP3A	X	7.034	7.034	0	%100
4	MP3A	Z	-4.061	-4.061	0	%100
5	MP2A	X	7.034	7.034	0	%100
6	MP2A	Z	-4.061	-4.061	0	%100
7	MP1A	X	7.034	7.034	0	%100
8	MP1A	Z	-4.061	-4.061	0	%100
9	M28	X	4.751	4.751	0	%100
10	M28	Z	-2.743	-2.743	0	%100
11	M31	X	19.005	19.005	0	%100
12	M31	Z	-10.973	-10.973	0	%100
13	M34	X	4.751	4.751	0	%100
14	M34	Z	-2.743	-2.743	0	%100
15	M37	X	.278	.278	0	%100
16	M37	Z	-.16	-.16	0	%100
17	M40	X	.278	.278	0	%100
18	M40	Z	-.16	-.16	0	%100
19	M43	X	1.111	1.111	0	%100
20	M43	Z	-.641	-.641	0	%100
21	M46	X	1.111	1.111	0	%100
22	M46	Z	-.641	-.641	0	%100
23	M49	X	.278	.278	0	%100
24	M49	Z	-.16	-.16	0	%100
25	M52	X	.278	.278	0	%100
26	M52	Z	-.16	-.16	0	%100
27	M55	X	4.245	4.245	0	%100
28	M55	Z	-2.451	-2.451	0	%100
29	M56	X	12.053	12.053	0	%100
30	M56	Z	-6.959	-6.959	0	%100
31	M57	X	9.873	9.873	0	%100
32	M57	Z	-5.7	-5.7	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
33	M58	X	9.873	9.873	0	%100
34	M58	Z	-5.7	-5.7	0	%100
35	M59	X	1.471	1.471	0	%100
36	M59	Z	-.849	-.849	0	%100
37	M60	X	1.471	1.471	0	%100
38	M60	Z	-.849	-.849	0	%100
39	M61	X	1.471	1.471	0	%100
40	M61	Z	-.849	-.849	0	%100
41	M62	X	1.471	1.471	0	%100
42	M62	Z	-.849	-.849	0	%100
43	M63	X	1.471	1.471	0	%100
44	M63	Z	-.849	-.849	0	%100
45	M64	X	1.471	1.471	0	%100
46	M64	Z	-.849	-.849	0	%100
47	M65	X	1.471	1.471	0	%100
48	M65	Z	-.849	-.849	0	%100
49	M66	X	4.988	4.988	0	%100
50	M66	Z	-2.88	-2.88	0	%100
51	M68	X	0	0	0	%100
52	M68	Z	0	0	0	%100
53	M70	X	4.988	4.988	0	%100
54	M70	Z	-2.88	-2.88	0	%100
55	M72A	X	5.08	5.08	0	%100
56	M72A	Z	-2.933	-2.933	0	%100
57	M73A	X	5.08	5.08	0	%100
58	M73A	Z	-2.933	-2.933	0	%100
59	M74A	X	20.322	20.322	0	%100
60	M74A	Z	-11.733	-11.733	0	%100
61	M75	X	20.322	20.322	0	%100
62	M75	Z	-11.733	-11.733	0	%100
63	M76	X	5.08	5.08	0	%100
64	M76	Z	-2.933	-2.933	0	%100
65	M77	X	5.08	5.08	0	%100
66	M77	Z	-2.933	-2.933	0	%100
67	MP5C	X	7.034	7.034	0	%100
68	MP5C	Z	-4.061	-4.061	0	%100
69	MP3C	X	7.034	7.034	0	%100
70	MP3C	Z	-4.061	-4.061	0	%100
71	GAMMA RRH 1	X	7.034	7.034	0	%100
72	GAMMA RRH 1	Z	-4.061	-4.061	0	%100
73	M23	X	7.034	7.034	0	%100
74	M23	Z	-4.061	-4.061	0	%100
75	MP3B	X	7.034	7.034	0	%100
76	MP3B	Z	-4.061	-4.061	0	%100
77	BETA RRH	X	7.034	7.034	0	%100
78	BETA RRH	Z	-4.061	-4.061	0	%100
79	M24	X	7.034	7.034	0	%100
80	M24	Z	-4.061	-4.061	0	%100
81	GAMMA RRH 2	X	7.034	7.034	0	%100
82	GAMMA RRH 2	Z	-4.061	-4.061	0	%100
83	MP2C	X	7.034	7.034	0	%100
84	MP2C	Z	-4.061	-4.061	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
85	MP4C	X	7.034	7.034	0	%100
86	MP4C	Z	-4.061	-4.061	0	%100
87	MP1B	X	7.034	7.034	0	%100
88	MP1B	Z	-4.061	-4.061	0	%100
89	MP4B	X	7.034	7.034	0	%100
90	MP4B	Z	-4.061	-4.061	0	%100
91	M123	X	0	0	0	%100
92	M123	Z	0	0	0	%100
93	M124	X	0	0	0	%100
94	M124	Z	0	0	0	%100
95	MP1C	X	7.034	7.034	0	%100
96	MP1C	Z	-4.061	-4.061	0	%100
97	M141	X	3.944	3.944	0	%100
98	M141	Z	-2.277	-2.277	0	%100
99	M142	X	3.944	3.944	0	%100
100	M142	Z	-2.277	-2.277	0	%100
101	MP2B	X	7.034	7.034	0	%100
102	MP2B	Z	-4.061	-4.061	0	%100
103	M89	X	0	0	0	%100
104	M89	Z	0	0	0	%100
105	M90	X	0	0	0	%100
106	M90	Z	0	0	0	%100
107	M91	X	3.327	3.327	0	%100
108	M91	Z	-1.921	-1.921	0	%100
109	M92	X	3.327	3.327	0	%100
110	M92	Z	-1.921	-1.921	0	%100
111	M93	X	3.327	3.327	0	%100
112	M93	Z	-1.921	-1.921	0	%100
113	M94	X	3.327	3.327	0	%100
114	M94	Z	-1.921	-1.921	0	%100
115	M95	X	2.129	2.129	0	%100
116	M95	Z	-1.229	-1.229	0	%100
117	M98	X	8.515	8.515	0	%100
118	M98	Z	-4.916	-4.916	0	%100
119	M101	X	2.129	2.129	0	%100
120	M101	Z	-1.229	-1.229	0	%100
121	M104	X	9.061	9.061	0	%100
122	M104	Z	-5.231	-5.231	0	%100
123	M105	X	2.295	2.295	0	%100
124	M105	Z	-1.325	-1.325	0	%100
125	M106	X	2.235	2.235	0	%100
126	M106	Z	-1.291	-1.291	0	%100
127	M120	X	5.696	5.696	0	%100
128	M120	Z	-3.288	-3.288	0	%100
129	M121	X	3.052	3.052	0	%100
130	M121	Z	-1.762	-1.762	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	MP4A	X	8.123	8.123	0	%100
2	MP4A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
3	MP3A	X	8.123	8.123	0	%100
4	MP3A	Z	0	0	0	%100
5	MP2A	X	8.123	8.123	0	%100
6	MP2A	Z	0	0	0	%100
7	MP1A	X	8.123	8.123	0	%100
8	MP1A	Z	0	0	0	%100
9	M28	X	0	0	0	%100
10	M28	Z	0	0	0	%100
11	M31	X	16.459	16.459	0	%100
12	M31	Z	0	0	0	%100
13	M34	X	16.459	16.459	0	%100
14	M34	Z	0	0	0	%100
15	M37	X	0	0	0	%100
16	M37	Z	0	0	0	%100
17	M40	X	0	0	0	%100
18	M40	Z	0	0	0	%100
19	M43	X	.962	.962	0	%100
20	M43	Z	0	0	0	%100
21	M46	X	.962	.962	0	%100
22	M46	Z	0	0	0	%100
23	M49	X	.962	.962	0	%100
24	M49	Z	0	0	0	%100
25	M52	X	.962	.962	0	%100
26	M52	Z	0	0	0	%100
27	M55	X	0	0	0	%100
28	M55	Z	0	0	0	%100
29	M56	X	18.557	18.557	0	%100
30	M56	Z	0	0	0	%100
31	M57	X	11.4	11.4	0	%100
32	M57	Z	0	0	0	%100
33	M58	X	11.4	11.4	0	%100
34	M58	Z	0	0	0	%100
35	M59	X	2.264	2.264	0	%100
36	M59	Z	0	0	0	%100
37	M60	X	2.264	2.264	0	%100
38	M60	Z	0	0	0	%100
39	M61	X	2.264	2.264	0	%100
40	M61	Z	0	0	0	%100
41	M62	X	2.264	2.264	0	%100
42	M62	Z	0	0	0	%100
43	M63	X	2.264	2.264	0	%100
44	M63	Z	0	0	0	%100
45	M64	X	2.264	2.264	0	%100
46	M64	Z	0	0	0	%100
47	M65	X	2.264	2.264	0	%100
48	M65	Z	0	0	0	%100
49	M66	X	7.679	7.679	0	%100
50	M66	Z	0	0	0	%100
51	M68	X	1.92	1.92	0	%100
52	M68	Z	0	0	0	%100
53	M70	X	1.92	1.92	0	%100
54	M70	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
55	M72A	X	0	0	0	%100
56	M72A	Z	0	0	0	%100
57	M73A	X	0	0	0	%100
58	M73A	Z	0	0	0	%100
59	M74A	X	17.599	17.599	0	%100
60	M74A	Z	0	0	0	%100
61	M75	X	17.599	17.599	0	%100
62	M75	Z	0	0	0	%100
63	M76	X	17.599	17.599	0	%100
64	M76	Z	0	0	0	%100
65	M77	X	17.599	17.599	0	%100
66	M77	Z	0	0	0	%100
67	MP5C	X	8.123	8.123	0	%100
68	MP5C	Z	0	0	0	%100
69	MP3C	X	8.123	8.123	0	%100
70	MP3C	Z	0	0	0	%100
71	GAMMA RRH 1	X	8.123	8.123	0	%100
72	GAMMA RRH 1	Z	0	0	0	%100
73	M23	X	8.123	8.123	0	%100
74	M23	Z	0	0	0	%100
75	MP3B	X	8.123	8.123	0	%100
76	MP3B	Z	0	0	0	%100
77	BETA RRH	X	8.123	8.123	0	%100
78	BETA RRH	Z	0	0	0	%100
79	M24	X	8.123	8.123	0	%100
80	M24	Z	0	0	0	%100
81	GAMMA RRH 2	X	8.123	8.123	0	%100
82	GAMMA RRH 2	Z	0	0	0	%100
83	MP2C	X	8.123	8.123	0	%100
84	MP2C	Z	0	0	0	%100
85	MP4C	X	8.123	8.123	0	%100
86	MP4C	Z	0	0	0	%100
87	MP1B	X	8.123	8.123	0	%100
88	MP1B	Z	0	0	0	%100
89	MP4B	X	8.123	8.123	0	%100
90	MP4B	Z	0	0	0	%100
91	M123	X	1.518	1.518	0	%100
92	M123	Z	0	0	0	%100
93	M124	X	1.518	1.518	0	%100
94	M124	Z	0	0	0	%100
95	MP1C	X	8.123	8.123	0	%100
96	MP1C	Z	0	0	0	%100
97	M141	X	1.518	1.518	0	%100
98	M141	Z	0	0	0	%100
99	M142	X	1.518	1.518	0	%100
100	M142	Z	0	0	0	%100
101	MP2B	X	8.123	8.123	0	%100
102	MP2B	Z	0	0	0	%100
103	M89	X	1.281	1.281	0	%100
104	M89	Z	0	0	0	%100
105	M90	X	1.281	1.281	0	%100
106	M90	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
107	M91	X	1.281	1.281	0	%100
108	M91	Z	0	0	0	%100
109	M92	X	1.281	1.281	0	%100
110	M92	Z	0	0	0	%100
111	M93	X	1.281	1.281	0	%100
112	M93	Z	0	0	0	%100
113	M94	X	1.281	1.281	0	%100
114	M94	Z	0	0	0	%100
115	M95	X	0	0	0	%100
116	M95	Z	0	0	0	%100
117	M98	X	7.374	7.374	0	%100
118	M98	Z	0	0	0	%100
119	M101	X	7.374	7.374	0	%100
120	M101	Z	0	0	0	%100
121	M104	X	7.881	7.881	0	%100
122	M104	Z	0	0	0	%100
123	M105	X	.000152	.000152	0	%100
124	M105	Z	0	0	0	%100
125	M106	X	7.812	7.812	0	%100
126	M106	Z	0	0	0	%100
127	M120	X	6.577	6.577	0	%100
128	M120	Z	0	0	0	%100
129	M121	X	6.577	6.577	0	%100
130	M121	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	MP4A	X	7.034	7.034	0	%100
2	MP4A	Z	4.061	4.061	0	%100
3	MP3A	X	7.034	7.034	0	%100
4	MP3A	Z	4.061	4.061	0	%100
5	MP2A	X	7.034	7.034	0	%100
6	MP2A	Z	4.061	4.061	0	%100
7	MP1A	X	7.034	7.034	0	%100
8	MP1A	Z	4.061	4.061	0	%100
9	M28	X	4.751	4.751	0	%100
10	M28	Z	2.743	2.743	0	%100
11	M31	X	4.751	4.751	0	%100
12	M31	Z	2.743	2.743	0	%100
13	M34	X	19.005	19.005	0	%100
14	M34	Z	10.973	10.973	0	%100
15	M37	X	.278	.278	0	%100
16	M37	Z	.16	.16	0	%100
17	M40	X	.278	.278	0	%100
18	M40	Z	.16	.16	0	%100
19	M43	X	.278	.278	0	%100
20	M43	Z	.16	.16	0	%100
21	M46	X	.278	.278	0	%100
22	M46	Z	.16	.16	0	%100
23	M49	X	1.111	1.111	0	%100
24	M49	Z	.641	.641	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
25	M52	X	1.111	1.111	0	%100
26	M52	Z	.641	.641	0	%100
27	M55	X	4.245	4.245	0	%100
28	M55	Z	2.451	2.451	0	%100
29	M56	X	12.053	12.053	0	%100
30	M56	Z	6.959	6.959	0	%100
31	M57	X	9.873	9.873	0	%100
32	M57	Z	5.7	5.7	0	%100
33	M58	X	9.873	9.873	0	%100
34	M58	Z	5.7	5.7	0	%100
35	M59	X	1.471	1.471	0	%100
36	M59	Z	.849	.849	0	%100
37	M60	X	1.471	1.471	0	%100
38	M60	Z	.849	.849	0	%100
39	M61	X	1.471	1.471	0	%100
40	M61	Z	.849	.849	0	%100
41	M62	X	1.471	1.471	0	%100
42	M62	Z	.849	.849	0	%100
43	M63	X	1.471	1.471	0	%100
44	M63	Z	.849	.849	0	%100
45	M64	X	1.471	1.471	0	%100
46	M64	Z	.849	.849	0	%100
47	M65	X	1.471	1.471	0	%100
48	M65	Z	.849	.849	0	%100
49	M66	X	4.988	4.988	0	%100
50	M66	Z	2.88	2.88	0	%100
51	M68	X	4.988	4.988	0	%100
52	M68	Z	2.88	2.88	0	%100
53	M70	X	0	0	0	%100
54	M70	Z	0	0	0	%100
55	M72A	X	5.08	5.08	0	%100
56	M72A	Z	2.933	2.933	0	%100
57	M73A	X	5.08	5.08	0	%100
58	M73A	Z	2.933	2.933	0	%100
59	M74A	X	5.08	5.08	0	%100
60	M74A	Z	2.933	2.933	0	%100
61	M75	X	5.08	5.08	0	%100
62	M75	Z	2.933	2.933	0	%100
63	M76	X	20.322	20.322	0	%100
64	M76	Z	11.733	11.733	0	%100
65	M77	X	20.322	20.322	0	%100
66	M77	Z	11.733	11.733	0	%100
67	MP5C	X	7.034	7.034	0	%100
68	MP5C	Z	4.061	4.061	0	%100
69	MP3C	X	7.034	7.034	0	%100
70	MP3C	Z	4.061	4.061	0	%100
71	GAMMA RRH 1	X	7.034	7.034	0	%100
72	GAMMA RRH 1	Z	4.061	4.061	0	%100
73	M23	X	7.034	7.034	0	%100
74	M23	Z	4.061	4.061	0	%100
75	MP3B	X	7.034	7.034	0	%100
76	MP3B	Z	4.061	4.061	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
77	BETA RRH	X	7.034	7.034	0	%100
78	BETA RRH	Z	4.061	4.061	0	%100
79	M24	X	7.034	7.034	0	%100
80	M24	Z	4.061	4.061	0	%100
81	GAMMA RRH 2	X	7.034	7.034	0	%100
82	GAMMA RRH 2	Z	4.061	4.061	0	%100
83	MP2C	X	7.034	7.034	0	%100
84	MP2C	Z	4.061	4.061	0	%100
85	MP4C	X	7.034	7.034	0	%100
86	MP4C	Z	4.061	4.061	0	%100
87	MP1B	X	7.034	7.034	0	%100
88	MP1B	Z	4.061	4.061	0	%100
89	MP4B	X	7.034	7.034	0	%100
90	MP4B	Z	4.061	4.061	0	%100
91	M123	X	3.944	3.944	0	%100
92	M123	Z	2.277	2.277	0	%100
93	M124	X	3.944	3.944	0	%100
94	M124	Z	2.277	2.277	0	%100
95	MP1C	X	7.034	7.034	0	%100
96	MP1C	Z	4.061	4.061	0	%100
97	M141	X	0	0	0	%100
98	M141	Z	0	0	0	%100
99	M142	X	0	0	0	%100
100	M142	Z	0	0	0	%100
101	MP2B	X	7.034	7.034	0	%100
102	MP2B	Z	4.061	4.061	0	%100
103	M89	X	3.327	3.327	0	%100
104	M89	Z	1.921	1.921	0	%100
105	M90	X	3.327	3.327	0	%100
106	M90	Z	1.921	1.921	0	%100
107	M91	X	0	0	0	%100
108	M91	Z	0	0	0	%100
109	M92	X	0	0	0	%100
110	M92	Z	0	0	0	%100
111	M93	X	0	0	0	%100
112	M93	Z	0	0	0	%100
113	M94	X	0	0	0	%100
114	M94	Z	0	0	0	%100
115	M95	X	2.129	2.129	0	%100
116	M95	Z	1.229	1.229	0	%100
117	M98	X	2.129	2.129	0	%100
118	M98	Z	1.229	1.229	0	%100
119	M101	X	8.515	8.515	0	%100
120	M101	Z	4.916	4.916	0	%100
121	M104	X	2.295	2.295	0	%100
122	M104	Z	1.325	1.325	0	%100
123	M105	X	2.235	2.235	0	%100
124	M105	Z	1.291	1.291	0	%100
125	M106	X	9.061	9.061	0	%100
126	M106	Z	5.231	5.231	0	%100
127	M120	X	3.052	3.052	0	%100
128	M120	Z	1.762	1.762	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
129	M121	X	5.696	5.696	0	%100
130	M121	Z	3.288	3.288	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	MP4A	X	4.061	4.061	0	%100
2	MP4A	Z	7.034	7.034	0	%100
3	MP3A	X	4.061	4.061	0	%100
4	MP3A	Z	7.034	7.034	0	%100
5	MP2A	X	4.061	4.061	0	%100
6	MP2A	Z	7.034	7.034	0	%100
7	MP1A	X	4.061	4.061	0	%100
8	MP1A	Z	7.034	7.034	0	%100
9	M28	X	8.229	8.229	0	%100
10	M28	Z	14.254	14.254	0	%100
11	M31	X	0	0	0	%100
12	M31	Z	0	0	0	%100
13	M34	X	8.229	8.229	0	%100
14	M34	Z	14.254	14.254	0	%100
15	M37	X	.481	.481	0	%100
16	M37	Z	.833	.833	0	%100
17	M40	X	.481	.481	0	%100
18	M40	Z	.833	.833	0	%100
19	M43	X	0	0	0	%100
20	M43	Z	0	0	0	%100
21	M46	X	0	0	0	%100
22	M46	Z	0	0	0	%100
23	M49	X	.481	.481	0	%100
24	M49	Z	.833	.833	0	%100
25	M52	X	.481	.481	0	%100
26	M52	Z	.833	.833	0	%100
27	M55	X	7.352	7.352	0	%100
28	M55	Z	12.735	12.735	0	%100
29	M56	X	2.32	2.32	0	%100
30	M56	Z	4.018	4.018	0	%100
31	M57	X	5.7	5.7	0	%100
32	M57	Z	9.873	9.873	0	%100
33	M58	X	5.7	5.7	0	%100
34	M58	Z	9.873	9.873	0	%100
35	M59	X	.283	.283	0	%100
36	M59	Z	.49	.49	0	%100
37	M60	X	.283	.283	0	%100
38	M60	Z	.49	.49	0	%100
39	M61	X	.283	.283	0	%100
40	M61	Z	.49	.49	0	%100
41	M62	X	.283	.283	0	%100
42	M62	Z	.49	.49	0	%100
43	M63	X	.283	.283	0	%100
44	M63	Z	.49	.49	0	%100
45	M64	X	.283	.283	0	%100
46	M64	Z	.49	.49	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
47	M65	X	.283	.283	0	%100
48	M65	Z	.49	.49	0	%100
49	M66	X	.96	.96	0	%100
50	M66	Z	1.663	1.663	0	%100
51	M68	X	3.84	3.84	0	%100
52	M68	Z	6.65	6.65	0	%100
53	M70	X	.96	.96	0	%100
54	M70	Z	1.663	1.663	0	%100
55	M72A	X	8.799	8.799	0	%100
56	M72A	Z	15.241	15.241	0	%100
57	M73A	X	8.799	8.799	0	%100
58	M73A	Z	15.241	15.241	0	%100
59	M74A	X	0	0	0	%100
60	M74A	Z	0	0	0	%100
61	M75	X	0	0	0	%100
62	M75	Z	0	0	0	%100
63	M76	X	8.799	8.799	0	%100
64	M76	Z	15.241	15.241	0	%100
65	M77	X	8.799	8.799	0	%100
66	M77	Z	15.241	15.241	0	%100
67	MP5C	X	4.061	4.061	0	%100
68	MP5C	Z	7.034	7.034	0	%100
69	MP3C	X	4.061	4.061	0	%100
70	MP3C	Z	7.034	7.034	0	%100
71	GAMMA RRH 1	X	4.061	4.061	0	%100
72	GAMMA RRH 1	Z	7.034	7.034	0	%100
73	M23	X	4.061	4.061	0	%100
74	M23	Z	7.034	7.034	0	%100
75	MP3B	X	4.061	4.061	0	%100
76	MP3B	Z	7.034	7.034	0	%100
77	BETA RRH	X	4.061	4.061	0	%100
78	BETA RRH	Z	7.034	7.034	0	%100
79	M24	X	4.061	4.061	0	%100
80	M24	Z	7.034	7.034	0	%100
81	GAMMA RRH 2	X	4.061	4.061	0	%100
82	GAMMA RRH 2	Z	7.034	7.034	0	%100
83	MP2C	X	4.061	4.061	0	%100
84	MP2C	Z	7.034	7.034	0	%100
85	MP4C	X	4.061	4.061	0	%100
86	MP4C	Z	7.034	7.034	0	%100
87	MP1B	X	4.061	4.061	0	%100
88	MP1B	Z	7.034	7.034	0	%100
89	MP4B	X	4.061	4.061	0	%100
90	MP4B	Z	7.034	7.034	0	%100
91	M123	X	3.036	3.036	0	%100
92	M123	Z	5.259	5.259	0	%100
93	M124	X	3.036	3.036	0	%100
94	M124	Z	5.259	5.259	0	%100
95	MP1C	X	4.061	4.061	0	%100
96	MP1C	Z	7.034	7.034	0	%100
97	M141	X	.759	.759	0	%100
98	M141	Z	1.315	1.315	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
99	M142	X	.759	.759	0	%100
100	M142	Z	1.315	1.315	0	%100
101	MP2B	X	4.061	4.061	0	%100
102	MP2B	Z	7.034	7.034	0	%100
103	M89	X	2.561	2.561	0	%100
104	M89	Z	4.436	4.436	0	%100
105	M90	X	2.561	2.561	0	%100
106	M90	Z	4.436	4.436	0	%100
107	M91	X	.64	.64	0	%100
108	M91	Z	1.109	1.109	0	%100
109	M92	X	.64	.64	0	%100
110	M92	Z	1.109	1.109	0	%100
111	M93	X	.64	.64	0	%100
112	M93	Z	1.109	1.109	0	%100
113	M94	X	.64	.64	0	%100
114	M94	Z	1.109	1.109	0	%100
115	M95	X	3.687	3.687	0	%100
116	M95	Z	6.386	6.386	0	%100
117	M98	X	0	0	0	%100
118	M98	Z	0	0	0	%100
119	M101	X	3.687	3.687	0	%100
120	M101	Z	6.386	6.386	0	%100
121	M104	X	7.6e-5	7.6e-5	0	%100
122	M104	Z	.000131	.000131	0	%100
123	M105	X	3.906	3.906	0	%100
124	M105	Z	6.766	6.766	0	%100
125	M106	X	3.941	3.941	0	%100
126	M106	Z	6.825	6.825	0	%100
127	M120	X	.236	.236	0	%100
128	M120	Z	.409	.409	0	%100
129	M121	X	1.762	1.762	0	%100
130	M121	Z	3.052	3.052	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	MP4A	X	0	0	0	%100
2	MP4A	Z	8.123	8.123	0	%100
3	MP3A	X	0	0	0	%100
4	MP3A	Z	8.123	8.123	0	%100
5	MP2A	X	0	0	0	%100
6	MP2A	Z	8.123	8.123	0	%100
7	MP1A	X	0	0	0	%100
8	MP1A	Z	8.123	8.123	0	%100
9	M28	X	0	0	0	%100
10	M28	Z	21.945	21.945	0	%100
11	M31	X	0	0	0	%100
12	M31	Z	5.486	5.486	0	%100
13	M34	X	0	0	0	%100
14	M34	Z	5.486	5.486	0	%100
15	M37	X	0	0	0	%100
16	M37	Z	1.283	1.283	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
17	M40	X	0	0	0	%100
18	M40	Z	1.283	1.283	0	%100
19	M43	X	0	0	0	%100
20	M43	Z	.321	.321	0	%100
21	M46	X	0	0	0	%100
22	M46	Z	.321	.321	0	%100
23	M49	X	0	0	0	%100
24	M49	Z	.321	.321	0	%100
25	M52	X	0	0	0	%100
26	M52	Z	.321	.321	0	%100
27	M55	X	0	0	0	%100
28	M55	Z	19.607	19.607	0	%100
29	M56	X	0	0	0	%100
30	M56	Z	0	0	0	%100
31	M57	X	0	0	0	%100
32	M57	Z	11.4	11.4	0	%100
33	M58	X	0	0	0	%100
34	M58	Z	11.4	11.4	0	%100
35	M59	X	0	0	0	%100
36	M59	Z	0	0	0	%100
37	M60	X	0	0	0	%100
38	M60	Z	0	0	0	%100
39	M61	X	0	0	0	%100
40	M61	Z	0	0	0	%100
41	M62	X	0	0	0	%100
42	M62	Z	0	0	0	%100
43	M63	X	0	0	0	%100
44	M63	Z	0	0	0	%100
45	M64	X	0	0	0	%100
46	M64	Z	0	0	0	%100
47	M65	X	0	0	0	%100
48	M65	Z	0	0	0	%100
49	M66	X	0	0	0	%100
50	M66	Z	0	0	0	%100
51	M68	X	0	0	0	%100
52	M68	Z	5.759	5.759	0	%100
53	M70	X	0	0	0	%100
54	M70	Z	5.759	5.759	0	%100
55	M72A	X	0	0	0	%100
56	M72A	Z	23.465	23.465	0	%100
57	M73A	X	0	0	0	%100
58	M73A	Z	23.465	23.465	0	%100
59	M74A	X	0	0	0	%100
60	M74A	Z	5.866	5.866	0	%100
61	M75	X	0	0	0	%100
62	M75	Z	5.866	5.866	0	%100
63	M76	X	0	0	0	%100
64	M76	Z	5.866	5.866	0	%100
65	M77	X	0	0	0	%100
66	M77	Z	5.866	5.866	0	%100
67	MP5C	X	0	0	0	%100
68	MP5C	Z	8.123	8.123	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
69	MP3C	X	0	0	0	%100
70	MP3C	Z	8.123	8.123	0	%100
71	GAMMA RRH 1	X	0	0	0	%100
72	GAMMA RRH 1	Z	8.123	8.123	0	%100
73	M23	X	0	0	0	%100
74	M23	Z	8.123	8.123	0	%100
75	MP3B	X	0	0	0	%100
76	MP3B	Z	8.123	8.123	0	%100
77	BETA RRH	X	0	0	0	%100
78	BETA RRH	Z	8.123	8.123	0	%100
79	M24	X	0	0	0	%100
80	M24	Z	8.123	8.123	0	%100
81	GAMMA RRH 2	X	0	0	0	%100
82	GAMMA RRH 2	Z	8.123	8.123	0	%100
83	MP2C	X	0	0	0	%100
84	MP2C	Z	8.123	8.123	0	%100
85	MP4C	X	0	0	0	%100
86	MP4C	Z	8.123	8.123	0	%100
87	MP1B	X	0	0	0	%100
88	MP1B	Z	8.123	8.123	0	%100
89	MP4B	X	0	0	0	%100
90	MP4B	Z	8.123	8.123	0	%100
91	M123	X	0	0	0	%100
92	M123	Z	4.554	4.554	0	%100
93	M124	X	0	0	0	%100
94	M124	Z	4.554	4.554	0	%100
95	MP1C	X	0	0	0	%100
96	MP1C	Z	8.123	8.123	0	%100
97	M141	X	0	0	0	%100
98	M141	Z	4.554	4.554	0	%100
99	M142	X	0	0	0	%100
100	M142	Z	4.554	4.554	0	%100
101	MP2B	X	0	0	0	%100
102	MP2B	Z	8.123	8.123	0	%100
103	M89	X	0	0	0	%100
104	M89	Z	3.842	3.842	0	%100
105	M90	X	0	0	0	%100
106	M90	Z	3.842	3.842	0	%100
107	M91	X	0	0	0	%100
108	M91	Z	3.842	3.842	0	%100
109	M92	X	0	0	0	%100
110	M92	Z	3.842	3.842	0	%100
111	M93	X	0	0	0	%100
112	M93	Z	3.842	3.842	0	%100
113	M94	X	0	0	0	%100
114	M94	Z	3.842	3.842	0	%100
115	M95	X	0	0	0	%100
116	M95	Z	9.833	9.833	0	%100
117	M98	X	0	0	0	%100
118	M98	Z	2.458	2.458	0	%100
119	M101	X	0	0	0	%100
120	M101	Z	2.458	2.458	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
121	M104	X	0	0	0	%100
122	M104	Z	2.581	2.581	0	%100
123	M105	X	0	0	0	%100
124	M105	Z	10.462	10.462	0	%100
125	M106	X	0	0	0	%100
126	M106	Z	2.65	2.65	0	%100
127	M120	X	0	0	0	%100
128	M120	Z	.472	.472	0	%100
129	M121	X	0	0	0	%100
130	M121	Z	.472	.472	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	MP4A	X	-4.061	-4.061	0	%100
2	MP4A	Z	7.034	7.034	0	%100
3	MP3A	X	-4.061	-4.061	0	%100
4	MP3A	Z	7.034	7.034	0	%100
5	MP2A	X	-4.061	-4.061	0	%100
6	MP2A	Z	7.034	7.034	0	%100
7	MP1A	X	-4.061	-4.061	0	%100
8	MP1A	Z	7.034	7.034	0	%100
9	M28	X	-8.229	-8.229	0	%100
10	M28	Z	14.254	14.254	0	%100
11	M31	X	-8.229	-8.229	0	%100
12	M31	Z	14.254	14.254	0	%100
13	M34	X	0	0	0	%100
14	M34	Z	0	0	0	%100
15	M37	X	-.481	-.481	0	%100
16	M37	Z	.833	.833	0	%100
17	M40	X	-.481	-.481	0	%100
18	M40	Z	.833	.833	0	%100
19	M43	X	-.481	-.481	0	%100
20	M43	Z	.833	.833	0	%100
21	M46	X	-.481	-.481	0	%100
22	M46	Z	.833	.833	0	%100
23	M49	X	0	0	0	%100
24	M49	Z	0	0	0	%100
25	M52	X	0	0	0	%100
26	M52	Z	0	0	0	%100
27	M55	X	-7.352	-7.352	0	%100
28	M55	Z	12.735	12.735	0	%100
29	M56	X	-2.32	-2.32	0	%100
30	M56	Z	4.018	4.018	0	%100
31	M57	X	-5.7	-5.7	0	%100
32	M57	Z	9.873	9.873	0	%100
33	M58	X	-5.7	-5.7	0	%100
34	M58	Z	9.873	9.873	0	%100
35	M59	X	-.283	-.283	0	%100
36	M59	Z	.49	.49	0	%100
37	M60	X	-.283	-.283	0	%100
38	M60	Z	.49	.49	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
39	M61	X	-.283	-.283	0	%100
40	M61	Z	.49	.49	0	%100
41	M62	X	-.283	-.283	0	%100
42	M62	Z	.49	.49	0	%100
43	M63	X	-.283	-.283	0	%100
44	M63	Z	.49	.49	0	%100
45	M64	X	-.283	-.283	0	%100
46	M64	Z	.49	.49	0	%100
47	M65	X	-.283	-.283	0	%100
48	M65	Z	.49	.49	0	%100
49	M66	X	-.96	-.96	0	%100
50	M66	Z	1.663	1.663	0	%100
51	M68	X	-.96	-.96	0	%100
52	M68	Z	1.663	1.663	0	%100
53	M70	X	-3.84	-3.84	0	%100
54	M70	Z	6.65	6.65	0	%100
55	M72A	X	-8.799	-8.799	0	%100
56	M72A	Z	15.241	15.241	0	%100
57	M73A	X	-8.799	-8.799	0	%100
58	M73A	Z	15.241	15.241	0	%100
59	M74A	X	-8.799	-8.799	0	%100
60	M74A	Z	15.241	15.241	0	%100
61	M75	X	-8.799	-8.799	0	%100
62	M75	Z	15.241	15.241	0	%100
63	M76	X	0	0	0	%100
64	M76	Z	0	0	0	%100
65	M77	X	0	0	0	%100
66	M77	Z	0	0	0	%100
67	MP5C	X	-4.061	-4.061	0	%100
68	MP5C	Z	7.034	7.034	0	%100
69	MP3C	X	-4.061	-4.061	0	%100
70	MP3C	Z	7.034	7.034	0	%100
71	GAMMA RRH 1	X	-4.061	-4.061	0	%100
72	GAMMA RRH 1	Z	7.034	7.034	0	%100
73	M23	X	-4.061	-4.061	0	%100
74	M23	Z	7.034	7.034	0	%100
75	MP3B	X	-4.061	-4.061	0	%100
76	MP3B	Z	7.034	7.034	0	%100
77	BETA RRH	X	-4.061	-4.061	0	%100
78	BETA RRH	Z	7.034	7.034	0	%100
79	M24	X	-4.061	-4.061	0	%100
80	M24	Z	7.034	7.034	0	%100
81	GAMMA RRH 2	X	-4.061	-4.061	0	%100
82	GAMMA RRH 2	Z	7.034	7.034	0	%100
83	MP2C	X	-4.061	-4.061	0	%100
84	MP2C	Z	7.034	7.034	0	%100
85	MP4C	X	-4.061	-4.061	0	%100
86	MP4C	Z	7.034	7.034	0	%100
87	MP1B	X	-4.061	-4.061	0	%100
88	MP1B	Z	7.034	7.034	0	%100
89	MP4B	X	-4.061	-4.061	0	%100
90	MP4B	Z	7.034	7.034	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
91	M123	X	-.759	-.759	0	%100
92	M123	Z	1.315	1.315	0	%100
93	M124	X	-.759	-.759	0	%100
94	M124	Z	1.315	1.315	0	%100
95	MP1C	X	-4.061	-4.061	0	%100
96	MP1C	Z	7.034	7.034	0	%100
97	M141	X	-3.036	-3.036	0	%100
98	M141	Z	5.259	5.259	0	%100
99	M142	X	-3.036	-3.036	0	%100
100	M142	Z	5.259	5.259	0	%100
101	MP2B	X	-4.061	-4.061	0	%100
102	MP2B	Z	7.034	7.034	0	%100
103	M89	X	-.64	-.64	0	%100
104	M89	Z	1.109	1.109	0	%100
105	M90	X	-.64	-.64	0	%100
106	M90	Z	1.109	1.109	0	%100
107	M91	X	-2.561	-2.561	0	%100
108	M91	Z	4.436	4.436	0	%100
109	M92	X	-2.561	-2.561	0	%100
110	M92	Z	4.436	4.436	0	%100
111	M93	X	-2.561	-2.561	0	%100
112	M93	Z	4.436	4.436	0	%100
113	M94	X	-2.561	-2.561	0	%100
114	M94	Z	4.436	4.436	0	%100
115	M95	X	-3.687	-3.687	0	%100
116	M95	Z	6.386	6.386	0	%100
117	M98	X	-3.687	-3.687	0	%100
118	M98	Z	6.386	6.386	0	%100
119	M101	X	0	0	0	%100
120	M101	Z	0	0	0	%100
121	M104	X	-3.906	-3.906	0	%100
122	M104	Z	6.766	6.766	0	%100
123	M105	X	-3.941	-3.941	0	%100
124	M105	Z	6.825	6.825	0	%100
125	M106	X	-7.6e-5	-7.6e-5	0	%100
126	M106	Z	.000131	.000131	0	%100
127	M120	X	-1.762	-1.762	0	%100
128	M120	Z	3.052	3.052	0	%100
129	M121	X	-.236	-.236	0	%100
130	M121	Z	.409	.409	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	MP4A	X	-7.034	-7.034	0	%100
2	MP4A	Z	4.061	4.061	0	%100
3	MP3A	X	-7.034	-7.034	0	%100
4	MP3A	Z	4.061	4.061	0	%100
5	MP2A	X	-7.034	-7.034	0	%100
6	MP2A	Z	4.061	4.061	0	%100
7	MP1A	X	-7.034	-7.034	0	%100
8	MP1A	Z	4.061	4.061	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
9	M28	X	-4.751	-4.751	0	%100
10	M28	Z	2.743	2.743	0	%100
11	M31	X	-19.005	-19.005	0	%100
12	M31	Z	10.973	10.973	0	%100
13	M34	X	-4.751	-4.751	0	%100
14	M34	Z	2.743	2.743	0	%100
15	M37	X	-.278	-.278	0	%100
16	M37	Z	.16	.16	0	%100
17	M40	X	-.278	-.278	0	%100
18	M40	Z	.16	.16	0	%100
19	M43	X	-1.111	-1.111	0	%100
20	M43	Z	.641	.641	0	%100
21	M46	X	-1.111	-1.111	0	%100
22	M46	Z	.641	.641	0	%100
23	M49	X	-.278	-.278	0	%100
24	M49	Z	.16	.16	0	%100
25	M52	X	-.278	-.278	0	%100
26	M52	Z	.16	.16	0	%100
27	M55	X	-4.245	-4.245	0	%100
28	M55	Z	2.451	2.451	0	%100
29	M56	X	-12.053	-12.053	0	%100
30	M56	Z	6.959	6.959	0	%100
31	M57	X	-9.873	-9.873	0	%100
32	M57	Z	5.7	5.7	0	%100
33	M58	X	-9.873	-9.873	0	%100
34	M58	Z	5.7	5.7	0	%100
35	M59	X	-1.471	-1.471	0	%100
36	M59	Z	.849	.849	0	%100
37	M60	X	-1.471	-1.471	0	%100
38	M60	Z	.849	.849	0	%100
39	M61	X	-1.471	-1.471	0	%100
40	M61	Z	.849	.849	0	%100
41	M62	X	-1.471	-1.471	0	%100
42	M62	Z	.849	.849	0	%100
43	M63	X	-1.471	-1.471	0	%100
44	M63	Z	.849	.849	0	%100
45	M64	X	-1.471	-1.471	0	%100
46	M64	Z	.849	.849	0	%100
47	M65	X	-1.471	-1.471	0	%100
48	M65	Z	.849	.849	0	%100
49	M66	X	-4.988	-4.988	0	%100
50	M66	Z	2.88	2.88	0	%100
51	M68	X	0	0	0	%100
52	M68	Z	0	0	0	%100
53	M70	X	-4.988	-4.988	0	%100
54	M70	Z	2.88	2.88	0	%100
55	M72A	X	-5.08	-5.08	0	%100
56	M72A	Z	2.933	2.933	0	%100
57	M73A	X	-5.08	-5.08	0	%100
58	M73A	Z	2.933	2.933	0	%100
59	M74A	X	-20.322	-20.322	0	%100
60	M74A	Z	11.733	11.733	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
61	M75	X	-20.322	-20.322	0	%100
62	M75	Z	11.733	11.733	0	%100
63	M76	X	-5.08	-5.08	0	%100
64	M76	Z	2.933	2.933	0	%100
65	M77	X	-5.08	-5.08	0	%100
66	M77	Z	2.933	2.933	0	%100
67	MP5C	X	-7.034	-7.034	0	%100
68	MP5C	Z	4.061	4.061	0	%100
69	MP3C	X	-7.034	-7.034	0	%100
70	MP3C	Z	4.061	4.061	0	%100
71	GAMMA RRH 1	X	-7.034	-7.034	0	%100
72	GAMMA RRH 1	Z	4.061	4.061	0	%100
73	M23	X	-7.034	-7.034	0	%100
74	M23	Z	4.061	4.061	0	%100
75	MP3B	X	-7.034	-7.034	0	%100
76	MP3B	Z	4.061	4.061	0	%100
77	BETA RRH	X	-7.034	-7.034	0	%100
78	BETA RRH	Z	4.061	4.061	0	%100
79	M24	X	-7.034	-7.034	0	%100
80	M24	Z	4.061	4.061	0	%100
81	GAMMA RRH 2	X	-7.034	-7.034	0	%100
82	GAMMA RRH 2	Z	4.061	4.061	0	%100
83	MP2C	X	-7.034	-7.034	0	%100
84	MP2C	Z	4.061	4.061	0	%100
85	MP4C	X	-7.034	-7.034	0	%100
86	MP4C	Z	4.061	4.061	0	%100
87	MP1B	X	-7.034	-7.034	0	%100
88	MP1B	Z	4.061	4.061	0	%100
89	MP4B	X	-7.034	-7.034	0	%100
90	MP4B	Z	4.061	4.061	0	%100
91	M123	X	0	0	0	%100
92	M123	Z	0	0	0	%100
93	M124	X	0	0	0	%100
94	M124	Z	0	0	0	%100
95	MP1C	X	-7.034	-7.034	0	%100
96	MP1C	Z	4.061	4.061	0	%100
97	M141	X	-3.944	-3.944	0	%100
98	M141	Z	2.277	2.277	0	%100
99	M142	X	-3.944	-3.944	0	%100
100	M142	Z	2.277	2.277	0	%100
101	MP2B	X	-7.034	-7.034	0	%100
102	MP2B	Z	4.061	4.061	0	%100
103	M89	X	0	0	0	%100
104	M89	Z	0	0	0	%100
105	M90	X	0	0	0	%100
106	M90	Z	0	0	0	%100
107	M91	X	-3.327	-3.327	0	%100
108	M91	Z	1.921	1.921	0	%100
109	M92	X	-3.327	-3.327	0	%100
110	M92	Z	1.921	1.921	0	%100
111	M93	X	-3.327	-3.327	0	%100
112	M93	Z	1.921	1.921	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
113	M94	X	-3.327	-3.327	0	%100
114	M94	Z	1.921	1.921	0	%100
115	M95	X	-2.129	-2.129	0	%100
116	M95	Z	1.229	1.229	0	%100
117	M98	X	-8.515	-8.515	0	%100
118	M98	Z	4.916	4.916	0	%100
119	M101	X	-2.129	-2.129	0	%100
120	M101	Z	1.229	1.229	0	%100
121	M104	X	-9.061	-9.061	0	%100
122	M104	Z	5.231	5.231	0	%100
123	M105	X	-2.295	-2.295	0	%100
124	M105	Z	1.325	1.325	0	%100
125	M106	X	-2.235	-2.235	0	%100
126	M106	Z	1.291	1.291	0	%100
127	M120	X	-5.696	-5.696	0	%100
128	M120	Z	3.288	3.288	0	%100
129	M121	X	-3.052	-3.052	0	%100
130	M121	Z	1.762	1.762	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	MP4A	X	-8.123	-8.123	0	%100
2	MP4A	Z	0	0	0	%100
3	MP3A	X	-8.123	-8.123	0	%100
4	MP3A	Z	0	0	0	%100
5	MP2A	X	-8.123	-8.123	0	%100
6	MP2A	Z	0	0	0	%100
7	MP1A	X	-8.123	-8.123	0	%100
8	MP1A	Z	0	0	0	%100
9	M28	X	0	0	0	%100
10	M28	Z	0	0	0	%100
11	M31	X	-16.459	-16.459	0	%100
12	M31	Z	0	0	0	%100
13	M34	X	-16.459	-16.459	0	%100
14	M34	Z	0	0	0	%100
15	M37	X	0	0	0	%100
16	M37	Z	0	0	0	%100
17	M40	X	0	0	0	%100
18	M40	Z	0	0	0	%100
19	M43	X	-.962	-.962	0	%100
20	M43	Z	0	0	0	%100
21	M46	X	-.962	-.962	0	%100
22	M46	Z	0	0	0	%100
23	M49	X	-.962	-.962	0	%100
24	M49	Z	0	0	0	%100
25	M52	X	-.962	-.962	0	%100
26	M52	Z	0	0	0	%100
27	M55	X	0	0	0	%100
28	M55	Z	0	0	0	%100
29	M56	X	-18.557	-18.557	0	%100
30	M56	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
31	M57	X	-11.4	-11.4	0	%100
32	M57	Z	0	0	0	%100
33	M58	X	-11.4	-11.4	0	%100
34	M58	Z	0	0	0	%100
35	M59	X	-2.264	-2.264	0	%100
36	M59	Z	0	0	0	%100
37	M60	X	-2.264	-2.264	0	%100
38	M60	Z	0	0	0	%100
39	M61	X	-2.264	-2.264	0	%100
40	M61	Z	0	0	0	%100
41	M62	X	-2.264	-2.264	0	%100
42	M62	Z	0	0	0	%100
43	M63	X	-2.264	-2.264	0	%100
44	M63	Z	0	0	0	%100
45	M64	X	-2.264	-2.264	0	%100
46	M64	Z	0	0	0	%100
47	M65	X	-2.264	-2.264	0	%100
48	M65	Z	0	0	0	%100
49	M66	X	-7.679	-7.679	0	%100
50	M66	Z	0	0	0	%100
51	M68	X	-1.92	-1.92	0	%100
52	M68	Z	0	0	0	%100
53	M70	X	-1.92	-1.92	0	%100
54	M70	Z	0	0	0	%100
55	M72A	X	0	0	0	%100
56	M72A	Z	0	0	0	%100
57	M73A	X	0	0	0	%100
58	M73A	Z	0	0	0	%100
59	M74A	X	-17.599	-17.599	0	%100
60	M74A	Z	0	0	0	%100
61	M75	X	-17.599	-17.599	0	%100
62	M75	Z	0	0	0	%100
63	M76	X	-17.599	-17.599	0	%100
64	M76	Z	0	0	0	%100
65	M77	X	-17.599	-17.599	0	%100
66	M77	Z	0	0	0	%100
67	MP5C	X	-8.123	-8.123	0	%100
68	MP5C	Z	0	0	0	%100
69	MP3C	X	-8.123	-8.123	0	%100
70	MP3C	Z	0	0	0	%100
71	GAMMA RRH 1	X	-8.123	-8.123	0	%100
72	GAMMA RRH 1	Z	0	0	0	%100
73	M23	X	-8.123	-8.123	0	%100
74	M23	Z	0	0	0	%100
75	MP3B	X	-8.123	-8.123	0	%100
76	MP3B	Z	0	0	0	%100
77	BETA RRH	X	-8.123	-8.123	0	%100
78	BETA RRH	Z	0	0	0	%100
79	M24	X	-8.123	-8.123	0	%100
80	M24	Z	0	0	0	%100
81	GAMMA RRH 2	X	-8.123	-8.123	0	%100
82	GAMMA RRH 2	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
83	MP2C	X	-8.123	-8.123	0	%100
84	MP2C	Z	0	0	0	%100
85	MP4C	X	-8.123	-8.123	0	%100
86	MP4C	Z	0	0	0	%100
87	MP1B	X	-8.123	-8.123	0	%100
88	MP1B	Z	0	0	0	%100
89	MP4B	X	-8.123	-8.123	0	%100
90	MP4B	Z	0	0	0	%100
91	M123	X	-1.518	-1.518	0	%100
92	M123	Z	0	0	0	%100
93	M124	X	-1.518	-1.518	0	%100
94	M124	Z	0	0	0	%100
95	MP1C	X	-8.123	-8.123	0	%100
96	MP1C	Z	0	0	0	%100
97	M141	X	-1.518	-1.518	0	%100
98	M141	Z	0	0	0	%100
99	M142	X	-1.518	-1.518	0	%100
100	M142	Z	0	0	0	%100
101	MP2B	X	-8.123	-8.123	0	%100
102	MP2B	Z	0	0	0	%100
103	M89	X	-1.281	-1.281	0	%100
104	M89	Z	0	0	0	%100
105	M90	X	-1.281	-1.281	0	%100
106	M90	Z	0	0	0	%100
107	M91	X	-1.281	-1.281	0	%100
108	M91	Z	0	0	0	%100
109	M92	X	-1.281	-1.281	0	%100
110	M92	Z	0	0	0	%100
111	M93	X	-1.281	-1.281	0	%100
112	M93	Z	0	0	0	%100
113	M94	X	-1.281	-1.281	0	%100
114	M94	Z	0	0	0	%100
115	M95	X	0	0	0	%100
116	M95	Z	0	0	0	%100
117	M98	X	-7.374	-7.374	0	%100
118	M98	Z	0	0	0	%100
119	M101	X	-7.374	-7.374	0	%100
120	M101	Z	0	0	0	%100
121	M104	X	-7.881	-7.881	0	%100
122	M104	Z	0	0	0	%100
123	M105	X	-.000152	-.000152	0	%100
124	M105	Z	0	0	0	%100
125	M106	X	-7.812	-7.812	0	%100
126	M106	Z	0	0	0	%100
127	M120	X	-6.577	-6.577	0	%100
128	M120	Z	0	0	0	%100
129	M121	X	-6.577	-6.577	0	%100
130	M121	Z	0	0	0	%100

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

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

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	MP4A	X	-7.034	-7.034	0	%100
2	MP4A	Z	-4.061	-4.061	0	%100
3	MP3A	X	-7.034	-7.034	0	%100
4	MP3A	Z	-4.061	-4.061	0	%100
5	MP2A	X	-7.034	-7.034	0	%100
6	MP2A	Z	-4.061	-4.061	0	%100
7	MP1A	X	-7.034	-7.034	0	%100
8	MP1A	Z	-4.061	-4.061	0	%100
9	M28	X	-4.751	-4.751	0	%100
10	M28	Z	-2.743	-2.743	0	%100
11	M31	X	-4.751	-4.751	0	%100
12	M31	Z	-2.743	-2.743	0	%100
13	M34	X	-19.005	-19.005	0	%100
14	M34	Z	-10.973	-10.973	0	%100
15	M37	X	-.278	-.278	0	%100
16	M37	Z	-.16	-.16	0	%100
17	M40	X	-.278	-.278	0	%100
18	M40	Z	-.16	-.16	0	%100
19	M43	X	-.278	-.278	0	%100
20	M43	Z	-.16	-.16	0	%100
21	M46	X	-.278	-.278	0	%100
22	M46	Z	-.16	-.16	0	%100
23	M49	X	-1.111	-1.111	0	%100
24	M49	Z	-.641	-.641	0	%100
25	M52	X	-1.111	-1.111	0	%100
26	M52	Z	-.641	-.641	0	%100
27	M55	X	-4.245	-4.245	0	%100
28	M55	Z	-2.451	-2.451	0	%100
29	M56	X	-12.053	-12.053	0	%100
30	M56	Z	-6.959	-6.959	0	%100
31	M57	X	-9.873	-9.873	0	%100
32	M57	Z	-5.7	-5.7	0	%100
33	M58	X	-9.873	-9.873	0	%100
34	M58	Z	-5.7	-5.7	0	%100
35	M59	X	-1.471	-1.471	0	%100
36	M59	Z	-.849	-.849	0	%100
37	M60	X	-1.471	-1.471	0	%100
38	M60	Z	-.849	-.849	0	%100
39	M61	X	-1.471	-1.471	0	%100
40	M61	Z	-.849	-.849	0	%100
41	M62	X	-1.471	-1.471	0	%100
42	M62	Z	-.849	-.849	0	%100
43	M63	X	-1.471	-1.471	0	%100
44	M63	Z	-.849	-.849	0	%100
45	M64	X	-1.471	-1.471	0	%100
46	M64	Z	-.849	-.849	0	%100
47	M65	X	-1.471	-1.471	0	%100
48	M65	Z	-.849	-.849	0	%100
49	M66	X	-4.988	-4.988	0	%100
50	M66	Z	-2.88	-2.88	0	%100
51	M68	X	-4.988	-4.988	0	%100
52	M68	Z	-2.88	-2.88	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
53	M70	X	0	0	0	%100
54	M70	Z	0	0	0	%100
55	M72A	X	-5.08	-5.08	0	%100
56	M72A	Z	-2.933	-2.933	0	%100
57	M73A	X	-5.08	-5.08	0	%100
58	M73A	Z	-2.933	-2.933	0	%100
59	M74A	X	-5.08	-5.08	0	%100
60	M74A	Z	-2.933	-2.933	0	%100
61	M75	X	-5.08	-5.08	0	%100
62	M75	Z	-2.933	-2.933	0	%100
63	M76	X	-20.322	-20.322	0	%100
64	M76	Z	-11.733	-11.733	0	%100
65	M77	X	-20.322	-20.322	0	%100
66	M77	Z	-11.733	-11.733	0	%100
67	MP5C	X	-7.034	-7.034	0	%100
68	MP5C	Z	-4.061	-4.061	0	%100
69	MP3C	X	-7.034	-7.034	0	%100
70	MP3C	Z	-4.061	-4.061	0	%100
71	GAMMA RRH 1	X	-7.034	-7.034	0	%100
72	GAMMA RRH 1	Z	-4.061	-4.061	0	%100
73	M23	X	-7.034	-7.034	0	%100
74	M23	Z	-4.061	-4.061	0	%100
75	MP3B	X	-7.034	-7.034	0	%100
76	MP3B	Z	-4.061	-4.061	0	%100
77	BETA RRH	X	-7.034	-7.034	0	%100
78	BETA RRH	Z	-4.061	-4.061	0	%100
79	M24	X	-7.034	-7.034	0	%100
80	M24	Z	-4.061	-4.061	0	%100
81	GAMMA RRH 2	X	-7.034	-7.034	0	%100
82	GAMMA RRH 2	Z	-4.061	-4.061	0	%100
83	MP2C	X	-7.034	-7.034	0	%100
84	MP2C	Z	-4.061	-4.061	0	%100
85	MP4C	X	-7.034	-7.034	0	%100
86	MP4C	Z	-4.061	-4.061	0	%100
87	MP1B	X	-7.034	-7.034	0	%100
88	MP1B	Z	-4.061	-4.061	0	%100
89	MP4B	X	-7.034	-7.034	0	%100
90	MP4B	Z	-4.061	-4.061	0	%100
91	M123	X	-3.944	-3.944	0	%100
92	M123	Z	-2.277	-2.277	0	%100
93	M124	X	-3.944	-3.944	0	%100
94	M124	Z	-2.277	-2.277	0	%100
95	MP1C	X	-7.034	-7.034	0	%100
96	MP1C	Z	-4.061	-4.061	0	%100
97	M141	X	0	0	0	%100
98	M141	Z	0	0	0	%100
99	M142	X	0	0	0	%100
100	M142	Z	0	0	0	%100
101	MP2B	X	-7.034	-7.034	0	%100
102	MP2B	Z	-4.061	-4.061	0	%100
103	M89	X	-3.327	-3.327	0	%100
104	M89	Z	-1.921	-1.921	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
105	M90	X	-3.327	-3.327	0	%100
106	M90	Z	-1.921	-1.921	0	%100
107	M91	X	0	0	0	%100
108	M91	Z	0	0	0	%100
109	M92	X	0	0	0	%100
110	M92	Z	0	0	0	%100
111	M93	X	0	0	0	%100
112	M93	Z	0	0	0	%100
113	M94	X	0	0	0	%100
114	M94	Z	0	0	0	%100
115	M95	X	-2.129	-2.129	0	%100
116	M95	Z	-1.229	-1.229	0	%100
117	M98	X	-2.129	-2.129	0	%100
118	M98	Z	-1.229	-1.229	0	%100
119	M101	X	-8.515	-8.515	0	%100
120	M101	Z	-4.916	-4.916	0	%100
121	M104	X	-2.295	-2.295	0	%100
122	M104	Z	-1.325	-1.325	0	%100
123	M105	X	-2.235	-2.235	0	%100
124	M105	Z	-1.291	-1.291	0	%100
125	M106	X	-9.061	-9.061	0	%100
126	M106	Z	-5.231	-5.231	0	%100
127	M120	X	-3.052	-3.052	0	%100
128	M120	Z	-1.762	-1.762	0	%100
129	M121	X	-5.696	-5.696	0	%100
130	M121	Z	-3.288	-3.288	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	MP4A	X	-4.061	-4.061	0	%100
2	MP4A	Z	-7.034	-7.034	0	%100
3	MP3A	X	-4.061	-4.061	0	%100
4	MP3A	Z	-7.034	-7.034	0	%100
5	MP2A	X	-4.061	-4.061	0	%100
6	MP2A	Z	-7.034	-7.034	0	%100
7	MP1A	X	-4.061	-4.061	0	%100
8	MP1A	Z	-7.034	-7.034	0	%100
9	M28	X	-8.229	-8.229	0	%100
10	M28	Z	-14.254	-14.254	0	%100
11	M31	X	0	0	0	%100
12	M31	Z	0	0	0	%100
13	M34	X	-8.229	-8.229	0	%100
14	M34	Z	-14.254	-14.254	0	%100
15	M37	X	-.481	-.481	0	%100
16	M37	Z	-.833	-.833	0	%100
17	M40	X	-.481	-.481	0	%100
18	M40	Z	-.833	-.833	0	%100
19	M43	X	0	0	0	%100
20	M43	Z	0	0	0	%100
21	M46	X	0	0	0	%100
22	M46	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
23	M49	X	-.481	-.481	0	%100
24	M49	Z	-.833	-.833	0	%100
25	M52	X	-.481	-.481	0	%100
26	M52	Z	-.833	-.833	0	%100
27	M55	X	-7.352	-7.352	0	%100
28	M55	Z	-12.735	-12.735	0	%100
29	M56	X	-2.32	-2.32	0	%100
30	M56	Z	-4.018	-4.018	0	%100
31	M57	X	-5.7	-5.7	0	%100
32	M57	Z	-9.873	-9.873	0	%100
33	M58	X	-5.7	-5.7	0	%100
34	M58	Z	-9.873	-9.873	0	%100
35	M59	X	-.283	-.283	0	%100
36	M59	Z	-.49	-.49	0	%100
37	M60	X	-.283	-.283	0	%100
38	M60	Z	-.49	-.49	0	%100
39	M61	X	-.283	-.283	0	%100
40	M61	Z	-.49	-.49	0	%100
41	M62	X	-.283	-.283	0	%100
42	M62	Z	-.49	-.49	0	%100
43	M63	X	-.283	-.283	0	%100
44	M63	Z	-.49	-.49	0	%100
45	M64	X	-.283	-.283	0	%100
46	M64	Z	-.49	-.49	0	%100
47	M65	X	-.283	-.283	0	%100
48	M65	Z	-.49	-.49	0	%100
49	M66	X	-.96	-.96	0	%100
50	M66	Z	-1.663	-1.663	0	%100
51	M68	X	-3.84	-3.84	0	%100
52	M68	Z	-6.65	-6.65	0	%100
53	M70	X	-.96	-.96	0	%100
54	M70	Z	-1.663	-1.663	0	%100
55	M72A	X	-8.799	-8.799	0	%100
56	M72A	Z	-15.241	-15.241	0	%100
57	M73A	X	-8.799	-8.799	0	%100
58	M73A	Z	-15.241	-15.241	0	%100
59	M74A	X	0	0	0	%100
60	M74A	Z	0	0	0	%100
61	M75	X	0	0	0	%100
62	M75	Z	0	0	0	%100
63	M76	X	-8.799	-8.799	0	%100
64	M76	Z	-15.241	-15.241	0	%100
65	M77	X	-8.799	-8.799	0	%100
66	M77	Z	-15.241	-15.241	0	%100
67	MP5C	X	-4.061	-4.061	0	%100
68	MP5C	Z	-7.034	-7.034	0	%100
69	MP3C	X	-4.061	-4.061	0	%100
70	MP3C	Z	-7.034	-7.034	0	%100
71	GAMMA RRH 1	X	-4.061	-4.061	0	%100
72	GAMMA RRH 1	Z	-7.034	-7.034	0	%100
73	M23	X	-4.061	-4.061	0	%100
74	M23	Z	-7.034	-7.034	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
75	MP3B	X	-4.061	-4.061	0	%100
76	MP3B	Z	-7.034	-7.034	0	%100
77	BETA RRH	X	-4.061	-4.061	0	%100
78	BETA RRH	Z	-7.034	-7.034	0	%100
79	M24	X	-4.061	-4.061	0	%100
80	M24	Z	-7.034	-7.034	0	%100
81	GAMMA RRH 2	X	-4.061	-4.061	0	%100
82	GAMMA RRH 2	Z	-7.034	-7.034	0	%100
83	MP2C	X	-4.061	-4.061	0	%100
84	MP2C	Z	-7.034	-7.034	0	%100
85	MP4C	X	-4.061	-4.061	0	%100
86	MP4C	Z	-7.034	-7.034	0	%100
87	MP1B	X	-4.061	-4.061	0	%100
88	MP1B	Z	-7.034	-7.034	0	%100
89	MP4B	X	-4.061	-4.061	0	%100
90	MP4B	Z	-7.034	-7.034	0	%100
91	M123	X	-3.036	-3.036	0	%100
92	M123	Z	-5.259	-5.259	0	%100
93	M124	X	-3.036	-3.036	0	%100
94	M124	Z	-5.259	-5.259	0	%100
95	MP1C	X	-4.061	-4.061	0	%100
96	MP1C	Z	-7.034	-7.034	0	%100
97	M141	X	-.759	-.759	0	%100
98	M141	Z	-1.315	-1.315	0	%100
99	M142	X	-.759	-.759	0	%100
100	M142	Z	-1.315	-1.315	0	%100
101	MP2B	X	-4.061	-4.061	0	%100
102	MP2B	Z	-7.034	-7.034	0	%100
103	M89	X	-2.561	-2.561	0	%100
104	M89	Z	-4.436	-4.436	0	%100
105	M90	X	-2.561	-2.561	0	%100
106	M90	Z	-4.436	-4.436	0	%100
107	M91	X	-.64	-.64	0	%100
108	M91	Z	-1.109	-1.109	0	%100
109	M92	X	-.64	-.64	0	%100
110	M92	Z	-1.109	-1.109	0	%100
111	M93	X	-.64	-.64	0	%100
112	M93	Z	-1.109	-1.109	0	%100
113	M94	X	-.64	-.64	0	%100
114	M94	Z	-1.109	-1.109	0	%100
115	M95	X	-3.687	-3.687	0	%100
116	M95	Z	-6.386	-6.386	0	%100
117	M98	X	0	0	0	%100
118	M98	Z	0	0	0	%100
119	M101	X	-3.687	-3.687	0	%100
120	M101	Z	-6.386	-6.386	0	%100
121	M104	X	-7.6e-5	-7.6e-5	0	%100
122	M104	Z	-.000131	-.000131	0	%100
123	M105	X	-3.906	-3.906	0	%100
124	M105	Z	-6.766	-6.766	0	%100
125	M106	X	-3.941	-3.941	0	%100
126	M106	Z	-6.825	-6.825	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
127	M120	X	-.236	-.236	0	%100
128	M120	Z	-.409	-.409	0	%100
129	M121	X	-1.762	-1.762	0	%100
130	M121	Z	-3.052	-3.052	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	MP4A	X	0	0	0	%100
2	MP4A	Z	-2.785	-2.785	0	%100
3	MP3A	X	0	0	0	%100
4	MP3A	Z	-2.785	-2.785	0	%100
5	MP2A	X	0	0	0	%100
6	MP2A	Z	-2.785	-2.785	0	%100
7	MP1A	X	0	0	0	%100
8	MP1A	Z	-2.785	-2.785	0	%100
9	M28	X	0	0	0	%100
10	M28	Z	-5.164	-5.164	0	%100
11	M31	X	0	0	0	%100
12	M31	Z	-1.291	-1.291	0	%100
13	M34	X	0	0	0	%100
14	M34	Z	-1.291	-1.291	0	%100
15	M37	X	0	0	0	%100
16	M37	Z	-1.071	-1.071	0	%100
17	M40	X	0	0	0	%100
18	M40	Z	-1.071	-1.071	0	%100
19	M43	X	0	0	0	%100
20	M43	Z	-.268	-.268	0	%100
21	M46	X	0	0	0	%100
22	M46	Z	-.268	-.268	0	%100
23	M49	X	0	0	0	%100
24	M49	Z	-.268	-.268	0	%100
25	M52	X	0	0	0	%100
26	M52	Z	-.268	-.268	0	%100
27	M55	X	0	0	0	%100
28	M55	Z	-4.497	-4.497	0	%100
29	M56	X	0	0	0	%100
30	M56	Z	0	0	0	%100
31	M57	X	0	0	0	%100
32	M57	Z	-3.354	-3.354	0	%100
33	M58	X	0	0	0	%100
34	M58	Z	-3.354	-3.354	0	%100
35	M59	X	0	0	0	%100
36	M59	Z	0	0	0	%100
37	M60	X	0	0	0	%100
38	M60	Z	0	0	0	%100
39	M61	X	0	0	0	%100
40	M61	Z	0	0	0	%100
41	M62	X	0	0	0	%100
42	M62	Z	0	0	0	%100
43	M63	X	0	0	0	%100
44	M63	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
45	M64	X	0	0	0	%100
46	M64	Z	0	0	0	%100
47	M65	X	0	0	0	%100
48	M65	Z	0	0	0	%100
49	M66	X	0	0	0	%100
50	M66	Z	0	0	0	%100
51	M68	X	0	0	0	%100
52	M68	Z	-1.723	-1.723	0	%100
53	M70	X	0	0	0	%100
54	M70	Z	-1.723	-1.723	0	%100
55	M72A	X	0	0	0	%100
56	M72A	Z	-5.449	-5.449	0	%100
57	M73A	X	0	0	0	%100
58	M73A	Z	-5.449	-5.449	0	%100
59	M74A	X	0	0	0	%100
60	M74A	Z	-1.362	-1.362	0	%100
61	M75	X	0	0	0	%100
62	M75	Z	-1.362	-1.362	0	%100
63	M76	X	0	0	0	%100
64	M76	Z	-1.362	-1.362	0	%100
65	M77	X	0	0	0	%100
66	M77	Z	-1.362	-1.362	0	%100
67	MP5C	X	0	0	0	%100
68	MP5C	Z	-2.785	-2.785	0	%100
69	MP3C	X	0	0	0	%100
70	MP3C	Z	-2.785	-2.785	0	%100
71	GAMMA RRH 1	X	0	0	0	%100
72	GAMMA RRH 1	Z	-2.785	-2.785	0	%100
73	M23	X	0	0	0	%100
74	M23	Z	-2.785	-2.785	0	%100
75	MP3B	X	0	0	0	%100
76	MP3B	Z	-2.785	-2.785	0	%100
77	BETA RRH	X	0	0	0	%100
78	BETA RRH	Z	-2.785	-2.785	0	%100
79	M24	X	0	0	0	%100
80	M24	Z	-2.785	-2.785	0	%100
81	GAMMA RRH 2	X	0	0	0	%100
82	GAMMA RRH 2	Z	-2.785	-2.785	0	%100
83	MP2C	X	0	0	0	%100
84	MP2C	Z	-2.785	-2.785	0	%100
85	MP4C	X	0	0	0	%100
86	MP4C	Z	-2.785	-2.785	0	%100
87	MP1B	X	0	0	0	%100
88	MP1B	Z	-2.785	-2.785	0	%100
89	MP4B	X	0	0	0	%100
90	MP4B	Z	-2.785	-2.785	0	%100
91	M123	X	0	0	0	%100
92	M123	Z	-1.567	-1.567	0	%100
93	M124	X	0	0	0	%100
94	M124	Z	-1.567	-1.567	0	%100
95	MP1C	X	0	0	0	%100
96	MP1C	Z	-2.785	-2.785	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
97	M141	X	0	0	0	%100
98	M141	Z	-1.567	-1.567	0	%100
99	M142	X	0	0	0	%100
100	M142	Z	-1.567	-1.567	0	%100
101	MP2B	X	0	0	0	%100
102	MP2B	Z	-2.785	-2.785	0	%100
103	M89	X	0	0	0	%100
104	M89	Z	-1.32	-1.32	0	%100
105	M90	X	0	0	0	%100
106	M90	Z	-1.32	-1.32	0	%100
107	M91	X	0	0	0	%100
108	M91	Z	-1.32	-1.32	0	%100
109	M92	X	0	0	0	%100
110	M92	Z	-1.32	-1.32	0	%100
111	M93	X	0	0	0	%100
112	M93	Z	-1.32	-1.32	0	%100
113	M94	X	0	0	0	%100
114	M94	Z	-1.32	-1.32	0	%100
115	M95	X	0	0	0	%100
116	M95	Z	-3.082	-3.082	0	%100
117	M98	X	0	0	0	%100
118	M98	Z	-.77	-.77	0	%100
119	M101	X	0	0	0	%100
120	M101	Z	-.77	-.77	0	%100
121	M104	X	0	0	0	%100
122	M104	Z	-.655	-.655	0	%100
123	M105	X	0	0	0	%100
124	M105	Z	-2.655	-2.655	0	%100
125	M106	X	0	0	0	%100
126	M106	Z	-.672	-.672	0	%100
127	M120	X	0	0	0	%100
128	M120	Z	-.163	-.163	0	%100
129	M121	X	0	0	0	%100
130	M121	Z	-.163	-.163	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	MP4A	X	1.392	1.392	0	%100
2	MP4A	Z	-2.412	-2.412	0	%100
3	MP3A	X	1.392	1.392	0	%100
4	MP3A	Z	-2.412	-2.412	0	%100
5	MP2A	X	1.392	1.392	0	%100
6	MP2A	Z	-2.412	-2.412	0	%100
7	MP1A	X	1.392	1.392	0	%100
8	MP1A	Z	-2.412	-2.412	0	%100
9	M28	X	1.937	1.937	0	%100
10	M28	Z	-3.354	-3.354	0	%100
11	M31	X	1.937	1.937	0	%100
12	M31	Z	-3.354	-3.354	0	%100
13	M34	X	0	0	0	%100
14	M34	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
15	M37	X	.402	.402	0	%100
16	M37	Z	-.696	-.696	0	%100
17	M40	X	.402	.402	0	%100
18	M40	Z	-.696	-.696	0	%100
19	M43	X	.402	.402	0	%100
20	M43	Z	-.696	-.696	0	%100
21	M46	X	.402	.402	0	%100
22	M46	Z	-.696	-.696	0	%100
23	M49	X	0	0	0	%100
24	M49	Z	0	0	0	%100
25	M52	X	0	0	0	%100
26	M52	Z	0	0	0	%100
27	M55	X	1.686	1.686	0	%100
28	M55	Z	-2.921	-2.921	0	%100
29	M56	X	.528	.528	0	%100
30	M56	Z	-.914	-.914	0	%100
31	M57	X	1.677	1.677	0	%100
32	M57	Z	-2.905	-2.905	0	%100
33	M58	X	1.677	1.677	0	%100
34	M58	Z	-2.905	-2.905	0	%100
35	M59	X	.161	.161	0	%100
36	M59	Z	-.278	-.278	0	%100
37	M60	X	.161	.161	0	%100
38	M60	Z	-.278	-.278	0	%100
39	M61	X	.161	.161	0	%100
40	M61	Z	-.278	-.278	0	%100
41	M62	X	.161	.161	0	%100
42	M62	Z	-.278	-.278	0	%100
43	M63	X	.161	.161	0	%100
44	M63	Z	-.278	-.278	0	%100
45	M64	X	.161	.161	0	%100
46	M64	Z	-.278	-.278	0	%100
47	M65	X	.161	.161	0	%100
48	M65	Z	-.278	-.278	0	%100
49	M66	X	.287	.287	0	%100
50	M66	Z	-.497	-.497	0	%100
51	M68	X	.287	.287	0	%100
52	M68	Z	-.497	-.497	0	%100
53	M70	X	1.148	1.148	0	%100
54	M70	Z	-1.989	-1.989	0	%100
55	M72A	X	2.043	2.043	0	%100
56	M72A	Z	-3.539	-3.539	0	%100
57	M73A	X	2.043	2.043	0	%100
58	M73A	Z	-3.539	-3.539	0	%100
59	M74A	X	2.043	2.043	0	%100
60	M74A	Z	-3.539	-3.539	0	%100
61	M75	X	2.043	2.043	0	%100
62	M75	Z	-3.539	-3.539	0	%100
63	M76	X	0	0	0	%100
64	M76	Z	0	0	0	%100
65	M77	X	0	0	0	%100
66	M77	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
67	MP5C	X	1.392	1.392	0	%100
68	MP5C	Z	-2.412	-2.412	0	%100
69	MP3C	X	1.392	1.392	0	%100
70	MP3C	Z	-2.412	-2.412	0	%100
71	GAMMA RRH 1	X	1.392	1.392	0	%100
72	GAMMA RRH 1	Z	-2.412	-2.412	0	%100
73	M23	X	1.392	1.392	0	%100
74	M23	Z	-2.412	-2.412	0	%100
75	MP3B	X	1.392	1.392	0	%100
76	MP3B	Z	-2.412	-2.412	0	%100
77	BETA RRH	X	1.392	1.392	0	%100
78	BETA RRH	Z	-2.412	-2.412	0	%100
79	M24	X	1.392	1.392	0	%100
80	M24	Z	-2.412	-2.412	0	%100
81	GAMMA RRH 2	X	1.392	1.392	0	%100
82	GAMMA RRH 2	Z	-2.412	-2.412	0	%100
83	MP2C	X	1.392	1.392	0	%100
84	MP2C	Z	-2.412	-2.412	0	%100
85	MP4C	X	1.392	1.392	0	%100
86	MP4C	Z	-2.412	-2.412	0	%100
87	MP1B	X	1.392	1.392	0	%100
88	MP1B	Z	-2.412	-2.412	0	%100
89	MP4B	X	1.392	1.392	0	%100
90	MP4B	Z	-2.412	-2.412	0	%100
91	M123	X	.261	.261	0	%100
92	M123	Z	-.452	-.452	0	%100
93	M124	X	.261	.261	0	%100
94	M124	Z	-.452	-.452	0	%100
95	MP1C	X	1.392	1.392	0	%100
96	MP1C	Z	-2.412	-2.412	0	%100
97	M141	X	1.045	1.045	0	%100
98	M141	Z	-1.809	-1.809	0	%100
99	M142	X	1.045	1.045	0	%100
100	M142	Z	-1.809	-1.809	0	%100
101	MP2B	X	1.392	1.392	0	%100
102	MP2B	Z	-2.412	-2.412	0	%100
103	M89	X	.22	.22	0	%100
104	M89	Z	-.381	-.381	0	%100
105	M90	X	.22	.22	0	%100
106	M90	Z	-.381	-.381	0	%100
107	M91	X	.88	.88	0	%100
108	M91	Z	-1.524	-1.524	0	%100
109	M92	X	.88	.88	0	%100
110	M92	Z	-1.524	-1.524	0	%100
111	M93	X	.88	.88	0	%100
112	M93	Z	-1.524	-1.524	0	%100
113	M94	X	.88	.88	0	%100
114	M94	Z	-1.524	-1.524	0	%100
115	M95	X	1.156	1.156	0	%100
116	M95	Z	-2.002	-2.002	0	%100
117	M98	X	1.156	1.156	0	%100
118	M98	Z	-2.002	-2.002	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
119	M101	X	0	0	0	%100
120	M101	Z	0	0	0	%100
121	M104	X	.991	.991	0	%100
122	M104	Z	-1.717	-1.717	0	%100
123	M105	X	1	1	0	%100
124	M105	Z	-1.732	-1.732	0	%100
125	M106	X	1.9e-5	1.9e-5	0	%100
126	M106	Z	-3.3e-5	-3.3e-5	0	%100
127	M120	X	.607	.607	0	%100
128	M120	Z	-1.052	-1.052	0	%100
129	M121	X	.081	.081	0	%100
130	M121	Z	-.141	-.141	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	MP4A	X	2.412	2.412	0	%100
2	MP4A	Z	-1.392	-1.392	0	%100
3	MP3A	X	2.412	2.412	0	%100
4	MP3A	Z	-1.392	-1.392	0	%100
5	MP2A	X	2.412	2.412	0	%100
6	MP2A	Z	-1.392	-1.392	0	%100
7	MP1A	X	2.412	2.412	0	%100
8	MP1A	Z	-1.392	-1.392	0	%100
9	M28	X	1.118	1.118	0	%100
10	M28	Z	-.646	-.646	0	%100
11	M31	X	4.472	4.472	0	%100
12	M31	Z	-2.582	-2.582	0	%100
13	M34	X	1.118	1.118	0	%100
14	M34	Z	-.646	-.646	0	%100
15	M37	X	.232	.232	0	%100
16	M37	Z	-.134	-.134	0	%100
17	M40	X	.232	.232	0	%100
18	M40	Z	-.134	-.134	0	%100
19	M43	X	.927	.927	0	%100
20	M43	Z	-.535	-.535	0	%100
21	M46	X	.927	.927	0	%100
22	M46	Z	-.535	-.535	0	%100
23	M49	X	.232	.232	0	%100
24	M49	Z	-.134	-.134	0	%100
25	M52	X	.232	.232	0	%100
26	M52	Z	-.134	-.134	0	%100
27	M55	X	.974	.974	0	%100
28	M55	Z	-.562	-.562	0	%100
29	M56	X	2.744	2.744	0	%100
30	M56	Z	-1.584	-1.584	0	%100
31	M57	X	2.905	2.905	0	%100
32	M57	Z	-1.677	-1.677	0	%100
33	M58	X	2.905	2.905	0	%100
34	M58	Z	-1.677	-1.677	0	%100
35	M59	X	.835	.835	0	%100
36	M59	Z	-.482	-.482	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
37	M60	X	.835	.835	0	%100
38	M60	Z	-.482	-.482	0	%100
39	M61	X	.835	.835	0	%100
40	M61	Z	-.482	-.482	0	%100
41	M62	X	.835	.835	0	%100
42	M62	Z	-.482	-.482	0	%100
43	M63	X	.835	.835	0	%100
44	M63	Z	-.482	-.482	0	%100
45	M64	X	.835	.835	0	%100
46	M64	Z	-.482	-.482	0	%100
47	M65	X	.835	.835	0	%100
48	M65	Z	-.482	-.482	0	%100
49	M66	X	1.492	1.492	0	%100
50	M66	Z	-.861	-.861	0	%100
51	M68	X	0	0	0	%100
52	M68	Z	0	0	0	%100
53	M70	X	1.492	1.492	0	%100
54	M70	Z	-.861	-.861	0	%100
55	M72A	X	1.18	1.18	0	%100
56	M72A	Z	-.681	-.681	0	%100
57	M73A	X	1.18	1.18	0	%100
58	M73A	Z	-.681	-.681	0	%100
59	M74A	X	4.719	4.719	0	%100
60	M74A	Z	-2.724	-2.724	0	%100
61	M75	X	4.719	4.719	0	%100
62	M75	Z	-2.724	-2.724	0	%100
63	M76	X	1.18	1.18	0	%100
64	M76	Z	-.681	-.681	0	%100
65	M77	X	1.18	1.18	0	%100
66	M77	Z	-.681	-.681	0	%100
67	MP5C	X	2.412	2.412	0	%100
68	MP5C	Z	-1.392	-1.392	0	%100
69	MP3C	X	2.412	2.412	0	%100
70	MP3C	Z	-1.392	-1.392	0	%100
71	GAMMA RRH 1	X	2.412	2.412	0	%100
72	GAMMA RRH 1	Z	-1.392	-1.392	0	%100
73	M23	X	2.412	2.412	0	%100
74	M23	Z	-1.392	-1.392	0	%100
75	MP3B	X	2.412	2.412	0	%100
76	MP3B	Z	-1.392	-1.392	0	%100
77	BETA RRH	X	2.412	2.412	0	%100
78	BETA RRH	Z	-1.392	-1.392	0	%100
79	M24	X	2.412	2.412	0	%100
80	M24	Z	-1.392	-1.392	0	%100
81	GAMMA RRH 2	X	2.412	2.412	0	%100
82	GAMMA RRH 2	Z	-1.392	-1.392	0	%100
83	MP2C	X	2.412	2.412	0	%100
84	MP2C	Z	-1.392	-1.392	0	%100
85	MP4C	X	2.412	2.412	0	%100
86	MP4C	Z	-1.392	-1.392	0	%100
87	MP1B	X	2.412	2.412	0	%100
88	MP1B	Z	-1.392	-1.392	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
89	MP4B	X	2.412	2.412	0	%100
90	MP4B	Z	-1.392	-1.392	0	%100
91	M123	X	0	0	0	%100
92	M123	Z	0	0	0	%100
93	M124	X	0	0	0	%100
94	M124	Z	0	0	0	%100
95	MP1C	X	2.412	2.412	0	%100
96	MP1C	Z	-1.392	-1.392	0	%100
97	M141	X	1.357	1.357	0	%100
98	M141	Z	-.784	-.784	0	%100
99	M142	X	1.357	1.357	0	%100
100	M142	Z	-.784	-.784	0	%100
101	MP2B	X	2.412	2.412	0	%100
102	MP2B	Z	-1.392	-1.392	0	%100
103	M89	X	0	0	0	%100
104	M89	Z	0	0	0	%100
105	M90	X	0	0	0	%100
106	M90	Z	0	0	0	%100
107	M91	X	1.143	1.143	0	%100
108	M91	Z	-.66	-.66	0	%100
109	M92	X	1.143	1.143	0	%100
110	M92	Z	-.66	-.66	0	%100
111	M93	X	1.143	1.143	0	%100
112	M93	Z	-.66	-.66	0	%100
113	M94	X	1.143	1.143	0	%100
114	M94	Z	-.66	-.66	0	%100
115	M95	X	.667	.667	0	%100
116	M95	Z	-.385	-.385	0	%100
117	M98	X	2.669	2.669	0	%100
118	M98	Z	-1.541	-1.541	0	%100
119	M101	X	.667	.667	0	%100
120	M101	Z	-.385	-.385	0	%100
121	M104	X	2.299	2.299	0	%100
122	M104	Z	-1.327	-1.327	0	%100
123	M105	X	.582	.582	0	%100
124	M105	Z	-.336	-.336	0	%100
125	M106	X	.567	.567	0	%100
126	M106	Z	-.327	-.327	0	%100
127	M120	X	1.962	1.962	0	%100
128	M120	Z	-1.133	-1.133	0	%100
129	M121	X	1.052	1.052	0	%100
130	M121	Z	-.607	-.607	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	MP4A	X	2.785	2.785	0	%100
2	MP4A	Z	0	0	0	%100
3	MP3A	X	2.785	2.785	0	%100
4	MP3A	Z	0	0	0	%100
5	MP2A	X	2.785	2.785	0	%100
6	MP2A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
7	MP1A	X	2.785	2.785	0	%100
8	MP1A	Z	0	0	0	%100
9	M28	X	0	0	0	%100
10	M28	Z	0	0	0	%100
11	M31	X	3.873	3.873	0	%100
12	M31	Z	0	0	0	%100
13	M34	X	3.873	3.873	0	%100
14	M34	Z	0	0	0	%100
15	M37	X	0	0	0	%100
16	M37	Z	0	0	0	%100
17	M40	X	0	0	0	%100
18	M40	Z	0	0	0	%100
19	M43	X	.803	.803	0	%100
20	M43	Z	0	0	0	%100
21	M46	X	.803	.803	0	%100
22	M46	Z	0	0	0	%100
23	M49	X	.803	.803	0	%100
24	M49	Z	0	0	0	%100
25	M52	X	.803	.803	0	%100
26	M52	Z	0	0	0	%100
27	M55	X	0	0	0	%100
28	M55	Z	0	0	0	%100
29	M56	X	4.224	4.224	0	%100
30	M56	Z	0	0	0	%100
31	M57	X	3.354	3.354	0	%100
32	M57	Z	0	0	0	%100
33	M58	X	3.354	3.354	0	%100
34	M58	Z	0	0	0	%100
35	M59	X	1.285	1.285	0	%100
36	M59	Z	0	0	0	%100
37	M60	X	1.285	1.285	0	%100
38	M60	Z	0	0	0	%100
39	M61	X	1.285	1.285	0	%100
40	M61	Z	0	0	0	%100
41	M62	X	1.285	1.285	0	%100
42	M62	Z	0	0	0	%100
43	M63	X	1.285	1.285	0	%100
44	M63	Z	0	0	0	%100
45	M64	X	1.285	1.285	0	%100
46	M64	Z	0	0	0	%100
47	M65	X	1.285	1.285	0	%100
48	M65	Z	0	0	0	%100
49	M66	X	2.297	2.297	0	%100
50	M66	Z	0	0	0	%100
51	M68	X	.574	.574	0	%100
52	M68	Z	0	0	0	%100
53	M70	X	.574	.574	0	%100
54	M70	Z	0	0	0	%100
55	M72A	X	0	0	0	%100
56	M72A	Z	0	0	0	%100
57	M73A	X	0	0	0	%100
58	M73A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
59	M74A	X	4.086	4.086	0	%100
60	M74A	Z	0	0	0	%100
61	M75	X	4.086	4.086	0	%100
62	M75	Z	0	0	0	%100
63	M76	X	4.086	4.086	0	%100
64	M76	Z	0	0	0	%100
65	M77	X	4.086	4.086	0	%100
66	M77	Z	0	0	0	%100
67	MP5C	X	2.785	2.785	0	%100
68	MP5C	Z	0	0	0	%100
69	MP3C	X	2.785	2.785	0	%100
70	MP3C	Z	0	0	0	%100
71	GAMMA RRH 1	X	2.785	2.785	0	%100
72	GAMMA RRH 1	Z	0	0	0	%100
73	M23	X	2.785	2.785	0	%100
74	M23	Z	0	0	0	%100
75	MP3B	X	2.785	2.785	0	%100
76	MP3B	Z	0	0	0	%100
77	BETA RRH	X	2.785	2.785	0	%100
78	BETA RRH	Z	0	0	0	%100
79	M24	X	2.785	2.785	0	%100
80	M24	Z	0	0	0	%100
81	GAMMA RRH 2	X	2.785	2.785	0	%100
82	GAMMA RRH 2	Z	0	0	0	%100
83	MP2C	X	2.785	2.785	0	%100
84	MP2C	Z	0	0	0	%100
85	MP4C	X	2.785	2.785	0	%100
86	MP4C	Z	0	0	0	%100
87	MP1B	X	2.785	2.785	0	%100
88	MP1B	Z	0	0	0	%100
89	MP4B	X	2.785	2.785	0	%100
90	MP4B	Z	0	0	0	%100
91	M123	X	.522	.522	0	%100
92	M123	Z	0	0	0	%100
93	M124	X	.522	.522	0	%100
94	M124	Z	0	0	0	%100
95	MP1C	X	2.785	2.785	0	%100
96	MP1C	Z	0	0	0	%100
97	M141	X	.522	.522	0	%100
98	M141	Z	0	0	0	%100
99	M142	X	.522	.522	0	%100
100	M142	Z	0	0	0	%100
101	MP2B	X	2.785	2.785	0	%100
102	MP2B	Z	0	0	0	%100
103	M89	X	.44	.44	0	%100
104	M89	Z	0	0	0	%100
105	M90	X	.44	.44	0	%100
106	M90	Z	0	0	0	%100
107	M91	X	.44	.44	0	%100
108	M91	Z	0	0	0	%100
109	M92	X	.44	.44	0	%100
110	M92	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
111	M93	X	.44	.44	0	%100
112	M93	Z	0	0	0	%100
113	M94	X	.44	.44	0	%100
114	M94	Z	0	0	0	%100
115	M95	X	0	0	0	%100
116	M95	Z	0	0	0	%100
117	M98	X	2.311	2.311	0	%100
118	M98	Z	0	0	0	%100
119	M101	X	2.311	2.311	0	%100
120	M101	Z	0	0	0	%100
121	M104	X	2	2	0	%100
122	M104	Z	0	0	0	%100
123	M105	X	3.8e-5	3.8e-5	0	%100
124	M105	Z	0	0	0	%100
125	M106	X	1.982	1.982	0	%100
126	M106	Z	0	0	0	%100
127	M120	X	2.266	2.266	0	%100
128	M120	Z	0	0	0	%100
129	M121	X	2.266	2.266	0	%100
130	M121	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	MP4A	X	2.412	2.412	0	%100
2	MP4A	Z	1.392	1.392	0	%100
3	MP3A	X	2.412	2.412	0	%100
4	MP3A	Z	1.392	1.392	0	%100
5	MP2A	X	2.412	2.412	0	%100
6	MP2A	Z	1.392	1.392	0	%100
7	MP1A	X	2.412	2.412	0	%100
8	MP1A	Z	1.392	1.392	0	%100
9	M28	X	1.118	1.118	0	%100
10	M28	Z	.646	.646	0	%100
11	M31	X	1.118	1.118	0	%100
12	M31	Z	.646	.646	0	%100
13	M34	X	4.472	4.472	0	%100
14	M34	Z	2.582	2.582	0	%100
15	M37	X	.232	.232	0	%100
16	M37	Z	.134	.134	0	%100
17	M40	X	.232	.232	0	%100
18	M40	Z	.134	.134	0	%100
19	M43	X	.232	.232	0	%100
20	M43	Z	.134	.134	0	%100
21	M46	X	.232	.232	0	%100
22	M46	Z	.134	.134	0	%100
23	M49	X	.927	.927	0	%100
24	M49	Z	.535	.535	0	%100
25	M52	X	.927	.927	0	%100
26	M52	Z	.535	.535	0	%100
27	M55	X	.974	.974	0	%100
28	M55	Z	.562	.562	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
29	M56	X	2.744	2.744	0	%100
30	M56	Z	1.584	1.584	0	%100
31	M57	X	2.905	2.905	0	%100
32	M57	Z	1.677	1.677	0	%100
33	M58	X	2.905	2.905	0	%100
34	M58	Z	1.677	1.677	0	%100
35	M59	X	.835	.835	0	%100
36	M59	Z	.482	.482	0	%100
37	M60	X	.835	.835	0	%100
38	M60	Z	.482	.482	0	%100
39	M61	X	.835	.835	0	%100
40	M61	Z	.482	.482	0	%100
41	M62	X	.835	.835	0	%100
42	M62	Z	.482	.482	0	%100
43	M63	X	.835	.835	0	%100
44	M63	Z	.482	.482	0	%100
45	M64	X	.835	.835	0	%100
46	M64	Z	.482	.482	0	%100
47	M65	X	.835	.835	0	%100
48	M65	Z	.482	.482	0	%100
49	M66	X	1.492	1.492	0	%100
50	M66	Z	.861	.861	0	%100
51	M68	X	1.492	1.492	0	%100
52	M68	Z	.861	.861	0	%100
53	M70	X	0	0	0	%100
54	M70	Z	0	0	0	%100
55	M72A	X	1.18	1.18	0	%100
56	M72A	Z	.681	.681	0	%100
57	M73A	X	1.18	1.18	0	%100
58	M73A	Z	.681	.681	0	%100
59	M74A	X	1.18	1.18	0	%100
60	M74A	Z	.681	.681	0	%100
61	M75	X	1.18	1.18	0	%100
62	M75	Z	.681	.681	0	%100
63	M76	X	4.719	4.719	0	%100
64	M76	Z	2.724	2.724	0	%100
65	M77	X	4.719	4.719	0	%100
66	M77	Z	2.724	2.724	0	%100
67	MP5C	X	2.412	2.412	0	%100
68	MP5C	Z	1.392	1.392	0	%100
69	MP3C	X	2.412	2.412	0	%100
70	MP3C	Z	1.392	1.392	0	%100
71	GAMMA RRH 1	X	2.412	2.412	0	%100
72	GAMMA RRH 1	Z	1.392	1.392	0	%100
73	M23	X	2.412	2.412	0	%100
74	M23	Z	1.392	1.392	0	%100
75	MP3B	X	2.412	2.412	0	%100
76	MP3B	Z	1.392	1.392	0	%100
77	BETA RRH	X	2.412	2.412	0	%100
78	BETA RRH	Z	1.392	1.392	0	%100
79	M24	X	2.412	2.412	0	%100
80	M24	Z	1.392	1.392	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
81	GAMMA RRH 2	X	2.412	2.412	0	%100
82	GAMMA RRH 2	Z	1.392	1.392	0	%100
83	MP2C	X	2.412	2.412	0	%100
84	MP2C	Z	1.392	1.392	0	%100
85	MP4C	X	2.412	2.412	0	%100
86	MP4C	Z	1.392	1.392	0	%100
87	MP1B	X	2.412	2.412	0	%100
88	MP1B	Z	1.392	1.392	0	%100
89	MP4B	X	2.412	2.412	0	%100
90	MP4B	Z	1.392	1.392	0	%100
91	M123	X	1.357	1.357	0	%100
92	M123	Z	.784	.784	0	%100
93	M124	X	1.357	1.357	0	%100
94	M124	Z	.784	.784	0	%100
95	MP1C	X	2.412	2.412	0	%100
96	MP1C	Z	1.392	1.392	0	%100
97	M141	X	0	0	0	%100
98	M141	Z	0	0	0	%100
99	M142	X	0	0	0	%100
100	M142	Z	0	0	0	%100
101	MP2B	X	2.412	2.412	0	%100
102	MP2B	Z	1.392	1.392	0	%100
103	M89	X	1.143	1.143	0	%100
104	M89	Z	.66	.66	0	%100
105	M90	X	1.143	1.143	0	%100
106	M90	Z	.66	.66	0	%100
107	M91	X	0	0	0	%100
108	M91	Z	0	0	0	%100
109	M92	X	0	0	0	%100
110	M92	Z	0	0	0	%100
111	M93	X	0	0	0	%100
112	M93	Z	0	0	0	%100
113	M94	X	0	0	0	%100
114	M94	Z	0	0	0	%100
115	M95	X	.667	.667	0	%100
116	M95	Z	.385	.385	0	%100
117	M98	X	.667	.667	0	%100
118	M98	Z	.385	.385	0	%100
119	M101	X	2.669	2.669	0	%100
120	M101	Z	1.541	1.541	0	%100
121	M104	X	.582	.582	0	%100
122	M104	Z	.336	.336	0	%100
123	M105	X	.567	.567	0	%100
124	M105	Z	.327	.327	0	%100
125	M106	X	2.299	2.299	0	%100
126	M106	Z	1.327	1.327	0	%100
127	M120	X	1.052	1.052	0	%100
128	M120	Z	.607	.607	0	%100
129	M121	X	1.962	1.962	0	%100
130	M121	Z	1.133	1.133	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	MP4A	X	1.392	1.392	0	%100
2	MP4A	Z	2.412	2.412	0	%100
3	MP3A	X	1.392	1.392	0	%100
4	MP3A	Z	2.412	2.412	0	%100
5	MP2A	X	1.392	1.392	0	%100
6	MP2A	Z	2.412	2.412	0	%100
7	MP1A	X	1.392	1.392	0	%100
8	MP1A	Z	2.412	2.412	0	%100
9	M28	X	1.937	1.937	0	%100
10	M28	Z	3.354	3.354	0	%100
11	M31	X	0	0	0	%100
12	M31	Z	0	0	0	%100
13	M34	X	1.937	1.937	0	%100
14	M34	Z	3.354	3.354	0	%100
15	M37	X	.402	.402	0	%100
16	M37	Z	.696	.696	0	%100
17	M40	X	.402	.402	0	%100
18	M40	Z	.696	.696	0	%100
19	M43	X	0	0	0	%100
20	M43	Z	0	0	0	%100
21	M46	X	0	0	0	%100
22	M46	Z	0	0	0	%100
23	M49	X	.402	.402	0	%100
24	M49	Z	.696	.696	0	%100
25	M52	X	.402	.402	0	%100
26	M52	Z	.696	.696	0	%100
27	M55	X	1.686	1.686	0	%100
28	M55	Z	2.921	2.921	0	%100
29	M56	X	.528	.528	0	%100
30	M56	Z	.914	.914	0	%100
31	M57	X	1.677	1.677	0	%100
32	M57	Z	2.905	2.905	0	%100
33	M58	X	1.677	1.677	0	%100
34	M58	Z	2.905	2.905	0	%100
35	M59	X	.161	.161	0	%100
36	M59	Z	.278	.278	0	%100
37	M60	X	.161	.161	0	%100
38	M60	Z	.278	.278	0	%100
39	M61	X	.161	.161	0	%100
40	M61	Z	.278	.278	0	%100
41	M62	X	.161	.161	0	%100
42	M62	Z	.278	.278	0	%100
43	M63	X	.161	.161	0	%100
44	M63	Z	.278	.278	0	%100
45	M64	X	.161	.161	0	%100
46	M64	Z	.278	.278	0	%100
47	M65	X	.161	.161	0	%100
48	M65	Z	.278	.278	0	%100
49	M66	X	.287	.287	0	%100
50	M66	Z	.497	.497	0	%100
51	M68	X	1.148	1.148	0	%100
52	M68	Z	1.989	1.989	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
53	M70	X	.287	.287	0	%100
54	M70	Z	.497	.497	0	%100
55	M72A	X	2.043	2.043	0	%100
56	M72A	Z	3.539	3.539	0	%100
57	M73A	X	2.043	2.043	0	%100
58	M73A	Z	3.539	3.539	0	%100
59	M74A	X	0	0	0	%100
60	M74A	Z	0	0	0	%100
61	M75	X	0	0	0	%100
62	M75	Z	0	0	0	%100
63	M76	X	2.043	2.043	0	%100
64	M76	Z	3.539	3.539	0	%100
65	M77	X	2.043	2.043	0	%100
66	M77	Z	3.539	3.539	0	%100
67	MP5C	X	1.392	1.392	0	%100
68	MP5C	Z	2.412	2.412	0	%100
69	MP3C	X	1.392	1.392	0	%100
70	MP3C	Z	2.412	2.412	0	%100
71	GAMMA RRH 1	X	1.392	1.392	0	%100
72	GAMMA RRH 1	Z	2.412	2.412	0	%100
73	M23	X	1.392	1.392	0	%100
74	M23	Z	2.412	2.412	0	%100
75	MP3B	X	1.392	1.392	0	%100
76	MP3B	Z	2.412	2.412	0	%100
77	BETA RRH	X	1.392	1.392	0	%100
78	BETA RRH	Z	2.412	2.412	0	%100
79	M24	X	1.392	1.392	0	%100
80	M24	Z	2.412	2.412	0	%100
81	GAMMA RRH 2	X	1.392	1.392	0	%100
82	GAMMA RRH 2	Z	2.412	2.412	0	%100
83	MP2C	X	1.392	1.392	0	%100
84	MP2C	Z	2.412	2.412	0	%100
85	MP4C	X	1.392	1.392	0	%100
86	MP4C	Z	2.412	2.412	0	%100
87	MP1B	X	1.392	1.392	0	%100
88	MP1B	Z	2.412	2.412	0	%100
89	MP4B	X	1.392	1.392	0	%100
90	MP4B	Z	2.412	2.412	0	%100
91	M123	X	1.045	1.045	0	%100
92	M123	Z	1.809	1.809	0	%100
93	M124	X	1.045	1.045	0	%100
94	M124	Z	1.809	1.809	0	%100
95	MP1C	X	1.392	1.392	0	%100
96	MP1C	Z	2.412	2.412	0	%100
97	M141	X	.261	.261	0	%100
98	M141	Z	.452	.452	0	%100
99	M142	X	.261	.261	0	%100
100	M142	Z	.452	.452	0	%100
101	MP2B	X	1.392	1.392	0	%100
102	MP2B	Z	2.412	2.412	0	%100
103	M89	X	.88	.88	0	%100
104	M89	Z	1.524	1.524	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
105	M90	X	.88	.88	0	%100
106	M90	Z	1.524	1.524	0	%100
107	M91	X	.22	.22	0	%100
108	M91	Z	.381	.381	0	%100
109	M92	X	.22	.22	0	%100
110	M92	Z	.381	.381	0	%100
111	M93	X	.22	.22	0	%100
112	M93	Z	.381	.381	0	%100
113	M94	X	.22	.22	0	%100
114	M94	Z	.381	.381	0	%100
115	M95	X	1.156	1.156	0	%100
116	M95	Z	2.002	2.002	0	%100
117	M98	X	0	0	0	%100
118	M98	Z	0	0	0	%100
119	M101	X	1.156	1.156	0	%100
120	M101	Z	2.002	2.002	0	%100
121	M104	X	1.9e-5	1.9e-5	0	%100
122	M104	Z	3.3e-5	3.3e-5	0	%100
123	M105	X	.991	.991	0	%100
124	M105	Z	1.717	1.717	0	%100
125	M106	X	1	1	0	%100
126	M106	Z	1.732	1.732	0	%100
127	M120	X	.081	.081	0	%100
128	M120	Z	.141	.141	0	%100
129	M121	X	.607	.607	0	%100
130	M121	Z	1.052	1.052	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	MP4A	X	0	0	0	%100
2	MP4A	Z	2.785	2.785	0	%100
3	MP3A	X	0	0	0	%100
4	MP3A	Z	2.785	2.785	0	%100
5	MP2A	X	0	0	0	%100
6	MP2A	Z	2.785	2.785	0	%100
7	MP1A	X	0	0	0	%100
8	MP1A	Z	2.785	2.785	0	%100
9	M28	X	0	0	0	%100
10	M28	Z	5.164	5.164	0	%100
11	M31	X	0	0	0	%100
12	M31	Z	1.291	1.291	0	%100
13	M34	X	0	0	0	%100
14	M34	Z	1.291	1.291	0	%100
15	M37	X	0	0	0	%100
16	M37	Z	1.071	1.071	0	%100
17	M40	X	0	0	0	%100
18	M40	Z	1.071	1.071	0	%100
19	M43	X	0	0	0	%100
20	M43	Z	.268	.268	0	%100
21	M46	X	0	0	0	%100
22	M46	Z	.268	.268	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
23	M49	X	0	0	0	%100
24	M49	Z	.268	.268	0	%100
25	M52	X	0	0	0	%100
26	M52	Z	.268	.268	0	%100
27	M55	X	0	0	0	%100
28	M55	Z	4.497	4.497	0	%100
29	M56	X	0	0	0	%100
30	M56	Z	0	0	0	%100
31	M57	X	0	0	0	%100
32	M57	Z	3.354	3.354	0	%100
33	M58	X	0	0	0	%100
34	M58	Z	3.354	3.354	0	%100
35	M59	X	0	0	0	%100
36	M59	Z	0	0	0	%100
37	M60	X	0	0	0	%100
38	M60	Z	0	0	0	%100
39	M61	X	0	0	0	%100
40	M61	Z	0	0	0	%100
41	M62	X	0	0	0	%100
42	M62	Z	0	0	0	%100
43	M63	X	0	0	0	%100
44	M63	Z	0	0	0	%100
45	M64	X	0	0	0	%100
46	M64	Z	0	0	0	%100
47	M65	X	0	0	0	%100
48	M65	Z	0	0	0	%100
49	M66	X	0	0	0	%100
50	M66	Z	0	0	0	%100
51	M68	X	0	0	0	%100
52	M68	Z	1.723	1.723	0	%100
53	M70	X	0	0	0	%100
54	M70	Z	1.723	1.723	0	%100
55	M72A	X	0	0	0	%100
56	M72A	Z	5.449	5.449	0	%100
57	M73A	X	0	0	0	%100
58	M73A	Z	5.449	5.449	0	%100
59	M74A	X	0	0	0	%100
60	M74A	Z	1.362	1.362	0	%100
61	M75	X	0	0	0	%100
62	M75	Z	1.362	1.362	0	%100
63	M76	X	0	0	0	%100
64	M76	Z	1.362	1.362	0	%100
65	M77	X	0	0	0	%100
66	M77	Z	1.362	1.362	0	%100
67	MP5C	X	0	0	0	%100
68	MP5C	Z	2.785	2.785	0	%100
69	MP3C	X	0	0	0	%100
70	MP3C	Z	2.785	2.785	0	%100
71	GAMMA RRH 1	X	0	0	0	%100
72	GAMMA RRH 1	Z	2.785	2.785	0	%100
73	M23	X	0	0	0	%100
74	M23	Z	2.785	2.785	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
75	MP3B	X	0	0	0	%100
76	MP3B	Z	2.785	2.785	0	%100
77	BETA RRH	X	0	0	0	%100
78	BETA RRH	Z	2.785	2.785	0	%100
79	M24	X	0	0	0	%100
80	M24	Z	2.785	2.785	0	%100
81	GAMMA RRH 2	X	0	0	0	%100
82	GAMMA RRH 2	Z	2.785	2.785	0	%100
83	MP2C	X	0	0	0	%100
84	MP2C	Z	2.785	2.785	0	%100
85	MP4C	X	0	0	0	%100
86	MP4C	Z	2.785	2.785	0	%100
87	MP1B	X	0	0	0	%100
88	MP1B	Z	2.785	2.785	0	%100
89	MP4B	X	0	0	0	%100
90	MP4B	Z	2.785	2.785	0	%100
91	M123	X	0	0	0	%100
92	M123	Z	1.567	1.567	0	%100
93	M124	X	0	0	0	%100
94	M124	Z	1.567	1.567	0	%100
95	MP1C	X	0	0	0	%100
96	MP1C	Z	2.785	2.785	0	%100
97	M141	X	0	0	0	%100
98	M141	Z	1.567	1.567	0	%100
99	M142	X	0	0	0	%100
100	M142	Z	1.567	1.567	0	%100
101	MP2B	X	0	0	0	%100
102	MP2B	Z	2.785	2.785	0	%100
103	M89	X	0	0	0	%100
104	M89	Z	1.32	1.32	0	%100
105	M90	X	0	0	0	%100
106	M90	Z	1.32	1.32	0	%100
107	M91	X	0	0	0	%100
108	M91	Z	1.32	1.32	0	%100
109	M92	X	0	0	0	%100
110	M92	Z	1.32	1.32	0	%100
111	M93	X	0	0	0	%100
112	M93	Z	1.32	1.32	0	%100
113	M94	X	0	0	0	%100
114	M94	Z	1.32	1.32	0	%100
115	M95	X	0	0	0	%100
116	M95	Z	3.082	3.082	0	%100
117	M98	X	0	0	0	%100
118	M98	Z	.77	.77	0	%100
119	M101	X	0	0	0	%100
120	M101	Z	.77	.77	0	%100
121	M104	X	0	0	0	%100
122	M104	Z	.655	.655	0	%100
123	M105	X	0	0	0	%100
124	M105	Z	2.655	2.655	0	%100
125	M106	X	0	0	0	%100
126	M106	Z	.672	.672	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
127	M120	X	0	0	0	%100
128	M120	Z	.163	.163	0	%100
129	M121	X	0	0	0	%100
130	M121	Z	.163	.163	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	MP4A	X	-1.392	-1.392	0	%100
2	MP4A	Z	2.412	2.412	0	%100
3	MP3A	X	-1.392	-1.392	0	%100
4	MP3A	Z	2.412	2.412	0	%100
5	MP2A	X	-1.392	-1.392	0	%100
6	MP2A	Z	2.412	2.412	0	%100
7	MP1A	X	-1.392	-1.392	0	%100
8	MP1A	Z	2.412	2.412	0	%100
9	M28	X	-1.937	-1.937	0	%100
10	M28	Z	3.354	3.354	0	%100
11	M31	X	-1.937	-1.937	0	%100
12	M31	Z	3.354	3.354	0	%100
13	M34	X	0	0	0	%100
14	M34	Z	0	0	0	%100
15	M37	X	-.402	-.402	0	%100
16	M37	Z	.696	.696	0	%100
17	M40	X	-.402	-.402	0	%100
18	M40	Z	.696	.696	0	%100
19	M43	X	-.402	-.402	0	%100
20	M43	Z	.696	.696	0	%100
21	M46	X	-.402	-.402	0	%100
22	M46	Z	.696	.696	0	%100
23	M49	X	0	0	0	%100
24	M49	Z	0	0	0	%100
25	M52	X	0	0	0	%100
26	M52	Z	0	0	0	%100
27	M55	X	-1.686	-1.686	0	%100
28	M55	Z	2.921	2.921	0	%100
29	M56	X	-.528	-.528	0	%100
30	M56	Z	.914	.914	0	%100
31	M57	X	-1.677	-1.677	0	%100
32	M57	Z	2.905	2.905	0	%100
33	M58	X	-1.677	-1.677	0	%100
34	M58	Z	2.905	2.905	0	%100
35	M59	X	-.161	-.161	0	%100
36	M59	Z	.278	.278	0	%100
37	M60	X	-.161	-.161	0	%100
38	M60	Z	.278	.278	0	%100
39	M61	X	-.161	-.161	0	%100
40	M61	Z	.278	.278	0	%100
41	M62	X	-.161	-.161	0	%100
42	M62	Z	.278	.278	0	%100
43	M63	X	-.161	-.161	0	%100
44	M63	Z	.278	.278	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
45	M64	X	-.161	-.161	0	%100
46	M64	Z	.278	.278	0	%100
47	M65	X	-.161	-.161	0	%100
48	M65	Z	.278	.278	0	%100
49	M66	X	-.287	-.287	0	%100
50	M66	Z	.497	.497	0	%100
51	M68	X	-.287	-.287	0	%100
52	M68	Z	.497	.497	0	%100
53	M70	X	-1.148	-1.148	0	%100
54	M70	Z	1.989	1.989	0	%100
55	M72A	X	-2.043	-2.043	0	%100
56	M72A	Z	3.539	3.539	0	%100
57	M73A	X	-2.043	-2.043	0	%100
58	M73A	Z	3.539	3.539	0	%100
59	M74A	X	-2.043	-2.043	0	%100
60	M74A	Z	3.539	3.539	0	%100
61	M75	X	-2.043	-2.043	0	%100
62	M75	Z	3.539	3.539	0	%100
63	M76	X	0	0	0	%100
64	M76	Z	0	0	0	%100
65	M77	X	0	0	0	%100
66	M77	Z	0	0	0	%100
67	MP5C	X	-1.392	-1.392	0	%100
68	MP5C	Z	2.412	2.412	0	%100
69	MP3C	X	-1.392	-1.392	0	%100
70	MP3C	Z	2.412	2.412	0	%100
71	GAMMA RRH 1	X	-1.392	-1.392	0	%100
72	GAMMA RRH 1	Z	2.412	2.412	0	%100
73	M23	X	-1.392	-1.392	0	%100
74	M23	Z	2.412	2.412	0	%100
75	MP3B	X	-1.392	-1.392	0	%100
76	MP3B	Z	2.412	2.412	0	%100
77	BETA RRH	X	-1.392	-1.392	0	%100
78	BETA RRH	Z	2.412	2.412	0	%100
79	M24	X	-1.392	-1.392	0	%100
80	M24	Z	2.412	2.412	0	%100
81	GAMMA RRH 2	X	-1.392	-1.392	0	%100
82	GAMMA RRH 2	Z	2.412	2.412	0	%100
83	MP2C	X	-1.392	-1.392	0	%100
84	MP2C	Z	2.412	2.412	0	%100
85	MP4C	X	-1.392	-1.392	0	%100
86	MP4C	Z	2.412	2.412	0	%100
87	MP1B	X	-1.392	-1.392	0	%100
88	MP1B	Z	2.412	2.412	0	%100
89	MP4B	X	-1.392	-1.392	0	%100
90	MP4B	Z	2.412	2.412	0	%100
91	M123	X	-.261	-.261	0	%100
92	M123	Z	.452	.452	0	%100
93	M124	X	-.261	-.261	0	%100
94	M124	Z	.452	.452	0	%100
95	MP1C	X	-1.392	-1.392	0	%100
96	MP1C	Z	2.412	2.412	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
97	M141	X	-1.045	-1.045	0	%100
98	M141	Z	1.809	1.809	0	%100
99	M142	X	-1.045	-1.045	0	%100
100	M142	Z	1.809	1.809	0	%100
101	MP2B	X	-1.392	-1.392	0	%100
102	MP2B	Z	2.412	2.412	0	%100
103	M89	X	-.22	-.22	0	%100
104	M89	Z	.381	.381	0	%100
105	M90	X	-.22	-.22	0	%100
106	M90	Z	.381	.381	0	%100
107	M91	X	-.88	-.88	0	%100
108	M91	Z	1.524	1.524	0	%100
109	M92	X	-.88	-.88	0	%100
110	M92	Z	1.524	1.524	0	%100
111	M93	X	-.88	-.88	0	%100
112	M93	Z	1.524	1.524	0	%100
113	M94	X	-.88	-.88	0	%100
114	M94	Z	1.524	1.524	0	%100
115	M95	X	-1.156	-1.156	0	%100
116	M95	Z	2.002	2.002	0	%100
117	M98	X	-1.156	-1.156	0	%100
118	M98	Z	2.002	2.002	0	%100
119	M101	X	0	0	0	%100
120	M101	Z	0	0	0	%100
121	M104	X	-.991	-.991	0	%100
122	M104	Z	1.717	1.717	0	%100
123	M105	X	-1	-1	0	%100
124	M105	Z	1.732	1.732	0	%100
125	M106	X	-1.9e-5	-1.9e-5	0	%100
126	M106	Z	3.3e-5	3.3e-5	0	%100
127	M120	X	-.607	-.607	0	%100
128	M120	Z	1.052	1.052	0	%100
129	M121	X	-.081	-.081	0	%100
130	M121	Z	.141	.141	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	MP4A	X	-2.412	-2.412	0	%100
2	MP4A	Z	1.392	1.392	0	%100
3	MP3A	X	-2.412	-2.412	0	%100
4	MP3A	Z	1.392	1.392	0	%100
5	MP2A	X	-2.412	-2.412	0	%100
6	MP2A	Z	1.392	1.392	0	%100
7	MP1A	X	-2.412	-2.412	0	%100
8	MP1A	Z	1.392	1.392	0	%100
9	M28	X	-1.118	-1.118	0	%100
10	M28	Z	.646	.646	0	%100
11	M31	X	-4.472	-4.472	0	%100
12	M31	Z	2.582	2.582	0	%100
13	M34	X	-1.118	-1.118	0	%100
14	M34	Z	.646	.646	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
15	M37	X	-.232	-.232	0	%100
16	M37	Z	.134	.134	0	%100
17	M40	X	-.232	-.232	0	%100
18	M40	Z	.134	.134	0	%100
19	M43	X	-.927	-.927	0	%100
20	M43	Z	.535	.535	0	%100
21	M46	X	-.927	-.927	0	%100
22	M46	Z	.535	.535	0	%100
23	M49	X	-.232	-.232	0	%100
24	M49	Z	.134	.134	0	%100
25	M52	X	-.232	-.232	0	%100
26	M52	Z	.134	.134	0	%100
27	M55	X	-.974	-.974	0	%100
28	M55	Z	.562	.562	0	%100
29	M56	X	-2.744	-2.744	0	%100
30	M56	Z	1.584	1.584	0	%100
31	M57	X	-2.905	-2.905	0	%100
32	M57	Z	1.677	1.677	0	%100
33	M58	X	-2.905	-2.905	0	%100
34	M58	Z	1.677	1.677	0	%100
35	M59	X	-.835	-.835	0	%100
36	M59	Z	.482	.482	0	%100
37	M60	X	-.835	-.835	0	%100
38	M60	Z	.482	.482	0	%100
39	M61	X	-.835	-.835	0	%100
40	M61	Z	.482	.482	0	%100
41	M62	X	-.835	-.835	0	%100
42	M62	Z	.482	.482	0	%100
43	M63	X	-.835	-.835	0	%100
44	M63	Z	.482	.482	0	%100
45	M64	X	-.835	-.835	0	%100
46	M64	Z	.482	.482	0	%100
47	M65	X	-.835	-.835	0	%100
48	M65	Z	.482	.482	0	%100
49	M66	X	-1.492	-1.492	0	%100
50	M66	Z	.861	.861	0	%100
51	M68	X	0	0	0	%100
52	M68	Z	0	0	0	%100
53	M70	X	-1.492	-1.492	0	%100
54	M70	Z	.861	.861	0	%100
55	M72A	X	-1.18	-1.18	0	%100
56	M72A	Z	.681	.681	0	%100
57	M73A	X	-1.18	-1.18	0	%100
58	M73A	Z	.681	.681	0	%100
59	M74A	X	-4.719	-4.719	0	%100
60	M74A	Z	2.724	2.724	0	%100
61	M75	X	-4.719	-4.719	0	%100
62	M75	Z	2.724	2.724	0	%100
63	M76	X	-1.18	-1.18	0	%100
64	M76	Z	.681	.681	0	%100
65	M77	X	-1.18	-1.18	0	%100
66	M77	Z	.681	.681	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
67	MP5C	X	-2.412	-2.412	0	%100
68	MP5C	Z	1.392	1.392	0	%100
69	MP3C	X	-2.412	-2.412	0	%100
70	MP3C	Z	1.392	1.392	0	%100
71	GAMMA RRH 1	X	-2.412	-2.412	0	%100
72	GAMMA RRH 1	Z	1.392	1.392	0	%100
73	M23	X	-2.412	-2.412	0	%100
74	M23	Z	1.392	1.392	0	%100
75	MP3B	X	-2.412	-2.412	0	%100
76	MP3B	Z	1.392	1.392	0	%100
77	BETA RRH	X	-2.412	-2.412	0	%100
78	BETA RRH	Z	1.392	1.392	0	%100
79	M24	X	-2.412	-2.412	0	%100
80	M24	Z	1.392	1.392	0	%100
81	GAMMA RRH 2	X	-2.412	-2.412	0	%100
82	GAMMA RRH 2	Z	1.392	1.392	0	%100
83	MP2C	X	-2.412	-2.412	0	%100
84	MP2C	Z	1.392	1.392	0	%100
85	MP4C	X	-2.412	-2.412	0	%100
86	MP4C	Z	1.392	1.392	0	%100
87	MP1B	X	-2.412	-2.412	0	%100
88	MP1B	Z	1.392	1.392	0	%100
89	MP4B	X	-2.412	-2.412	0	%100
90	MP4B	Z	1.392	1.392	0	%100
91	M123	X	0	0	0	%100
92	M123	Z	0	0	0	%100
93	M124	X	0	0	0	%100
94	M124	Z	0	0	0	%100
95	MP1C	X	-2.412	-2.412	0	%100
96	MP1C	Z	1.392	1.392	0	%100
97	M141	X	-1.357	-1.357	0	%100
98	M141	Z	.784	.784	0	%100
99	M142	X	-1.357	-1.357	0	%100
100	M142	Z	.784	.784	0	%100
101	MP2B	X	-2.412	-2.412	0	%100
102	MP2B	Z	1.392	1.392	0	%100
103	M89	X	0	0	0	%100
104	M89	Z	0	0	0	%100
105	M90	X	0	0	0	%100
106	M90	Z	0	0	0	%100
107	M91	X	-1.143	-1.143	0	%100
108	M91	Z	.66	.66	0	%100
109	M92	X	-1.143	-1.143	0	%100
110	M92	Z	.66	.66	0	%100
111	M93	X	-1.143	-1.143	0	%100
112	M93	Z	.66	.66	0	%100
113	M94	X	-1.143	-1.143	0	%100
114	M94	Z	.66	.66	0	%100
115	M95	X	-.667	-.667	0	%100
116	M95	Z	.385	.385	0	%100
117	M98	X	-2.669	-2.669	0	%100
118	M98	Z	1.541	1.541	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
119	M101	X	-.667	-.667	0	%100
120	M101	Z	.385	.385	0	%100
121	M104	X	-2.299	-2.299	0	%100
122	M104	Z	1.327	1.327	0	%100
123	M105	X	-.582	-.582	0	%100
124	M105	Z	.336	.336	0	%100
125	M106	X	-.567	-.567	0	%100
126	M106	Z	.327	.327	0	%100
127	M120	X	-1.962	-1.962	0	%100
128	M120	Z	1.133	1.133	0	%100
129	M121	X	-1.052	-1.052	0	%100
130	M121	Z	.607	.607	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	MP4A	X	-2.785	-2.785	0	%100
2	MP4A	Z	0	0	0	%100
3	MP3A	X	-2.785	-2.785	0	%100
4	MP3A	Z	0	0	0	%100
5	MP2A	X	-2.785	-2.785	0	%100
6	MP2A	Z	0	0	0	%100
7	MP1A	X	-2.785	-2.785	0	%100
8	MP1A	Z	0	0	0	%100
9	M28	X	0	0	0	%100
10	M28	Z	0	0	0	%100
11	M31	X	-3.873	-3.873	0	%100
12	M31	Z	0	0	0	%100
13	M34	X	-3.873	-3.873	0	%100
14	M34	Z	0	0	0	%100
15	M37	X	0	0	0	%100
16	M37	Z	0	0	0	%100
17	M40	X	0	0	0	%100
18	M40	Z	0	0	0	%100
19	M43	X	-.803	-.803	0	%100
20	M43	Z	0	0	0	%100
21	M46	X	-.803	-.803	0	%100
22	M46	Z	0	0	0	%100
23	M49	X	-.803	-.803	0	%100
24	M49	Z	0	0	0	%100
25	M52	X	-.803	-.803	0	%100
26	M52	Z	0	0	0	%100
27	M55	X	0	0	0	%100
28	M55	Z	0	0	0	%100
29	M56	X	-4.224	-4.224	0	%100
30	M56	Z	0	0	0	%100
31	M57	X	-3.354	-3.354	0	%100
32	M57	Z	0	0	0	%100
33	M58	X	-3.354	-3.354	0	%100
34	M58	Z	0	0	0	%100
35	M59	X	-1.285	-1.285	0	%100
36	M59	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
37	M60	X	-1.285	-1.285	0	%100
38	M60	Z	0	0	0	%100
39	M61	X	-1.285	-1.285	0	%100
40	M61	Z	0	0	0	%100
41	M62	X	-1.285	-1.285	0	%100
42	M62	Z	0	0	0	%100
43	M63	X	-1.285	-1.285	0	%100
44	M63	Z	0	0	0	%100
45	M64	X	-1.285	-1.285	0	%100
46	M64	Z	0	0	0	%100
47	M65	X	-1.285	-1.285	0	%100
48	M65	Z	0	0	0	%100
49	M66	X	-2.297	-2.297	0	%100
50	M66	Z	0	0	0	%100
51	M68	X	-.574	-.574	0	%100
52	M68	Z	0	0	0	%100
53	M70	X	-.574	-.574	0	%100
54	M70	Z	0	0	0	%100
55	M72A	X	0	0	0	%100
56	M72A	Z	0	0	0	%100
57	M73A	X	0	0	0	%100
58	M73A	Z	0	0	0	%100
59	M74A	X	-4.086	-4.086	0	%100
60	M74A	Z	0	0	0	%100
61	M75	X	-4.086	-4.086	0	%100
62	M75	Z	0	0	0	%100
63	M76	X	-4.086	-4.086	0	%100
64	M76	Z	0	0	0	%100
65	M77	X	-4.086	-4.086	0	%100
66	M77	Z	0	0	0	%100
67	MP5C	X	-2.785	-2.785	0	%100
68	MP5C	Z	0	0	0	%100
69	MP3C	X	-2.785	-2.785	0	%100
70	MP3C	Z	0	0	0	%100
71	GAMMA RRH 1	X	-2.785	-2.785	0	%100
72	GAMMA RRH 1	Z	0	0	0	%100
73	M23	X	-2.785	-2.785	0	%100
74	M23	Z	0	0	0	%100
75	MP3B	X	-2.785	-2.785	0	%100
76	MP3B	Z	0	0	0	%100
77	BETA RRH	X	-2.785	-2.785	0	%100
78	BETA RRH	Z	0	0	0	%100
79	M24	X	-2.785	-2.785	0	%100
80	M24	Z	0	0	0	%100
81	GAMMA RRH 2	X	-2.785	-2.785	0	%100
82	GAMMA RRH 2	Z	0	0	0	%100
83	MP2C	X	-2.785	-2.785	0	%100
84	MP2C	Z	0	0	0	%100
85	MP4C	X	-2.785	-2.785	0	%100
86	MP4C	Z	0	0	0	%100
87	MP1B	X	-2.785	-2.785	0	%100
88	MP1B	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
89	MP4B	X	-2.785	-2.785	0	%100
90	MP4B	Z	0	0	0	%100
91	M123	X	-.522	-.522	0	%100
92	M123	Z	0	0	0	%100
93	M124	X	-.522	-.522	0	%100
94	M124	Z	0	0	0	%100
95	MP1C	X	-2.785	-2.785	0	%100
96	MP1C	Z	0	0	0	%100
97	M141	X	-.522	-.522	0	%100
98	M141	Z	0	0	0	%100
99	M142	X	-.522	-.522	0	%100
100	M142	Z	0	0	0	%100
101	MP2B	X	-2.785	-2.785	0	%100
102	MP2B	Z	0	0	0	%100
103	M89	X	-.44	-.44	0	%100
104	M89	Z	0	0	0	%100
105	M90	X	-.44	-.44	0	%100
106	M90	Z	0	0	0	%100
107	M91	X	-.44	-.44	0	%100
108	M91	Z	0	0	0	%100
109	M92	X	-.44	-.44	0	%100
110	M92	Z	0	0	0	%100
111	M93	X	-.44	-.44	0	%100
112	M93	Z	0	0	0	%100
113	M94	X	-.44	-.44	0	%100
114	M94	Z	0	0	0	%100
115	M95	X	0	0	0	%100
116	M95	Z	0	0	0	%100
117	M98	X	-2.311	-2.311	0	%100
118	M98	Z	0	0	0	%100
119	M101	X	-2.311	-2.311	0	%100
120	M101	Z	0	0	0	%100
121	M104	X	-2	-2	0	%100
122	M104	Z	0	0	0	%100
123	M105	X	-3.8e-5	-3.8e-5	0	%100
124	M105	Z	0	0	0	%100
125	M106	X	-1.982	-1.982	0	%100
126	M106	Z	0	0	0	%100
127	M120	X	-2.266	-2.266	0	%100
128	M120	Z	0	0	0	%100
129	M121	X	-2.266	-2.266	0	%100
130	M121	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	MP4A	X	-2.412	-2.412	0	%100
2	MP4A	Z	-1.392	-1.392	0	%100
3	MP3A	X	-2.412	-2.412	0	%100
4	MP3A	Z	-1.392	-1.392	0	%100
5	MP2A	X	-2.412	-2.412	0	%100
6	MP2A	Z	-1.392	-1.392	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
7	MP1A	X	-2.412	-2.412	0	%100
8	MP1A	Z	-1.392	-1.392	0	%100
9	M28	X	-1.118	-1.118	0	%100
10	M28	Z	-.646	-.646	0	%100
11	M31	X	-1.118	-1.118	0	%100
12	M31	Z	-.646	-.646	0	%100
13	M34	X	-4.472	-4.472	0	%100
14	M34	Z	-2.582	-2.582	0	%100
15	M37	X	-.232	-.232	0	%100
16	M37	Z	-.134	-.134	0	%100
17	M40	X	-.232	-.232	0	%100
18	M40	Z	-.134	-.134	0	%100
19	M43	X	-.232	-.232	0	%100
20	M43	Z	-.134	-.134	0	%100
21	M46	X	-.232	-.232	0	%100
22	M46	Z	-.134	-.134	0	%100
23	M49	X	-.927	-.927	0	%100
24	M49	Z	-.535	-.535	0	%100
25	M52	X	-.927	-.927	0	%100
26	M52	Z	-.535	-.535	0	%100
27	M55	X	-.974	-.974	0	%100
28	M55	Z	-.562	-.562	0	%100
29	M56	X	-2.744	-2.744	0	%100
30	M56	Z	-1.584	-1.584	0	%100
31	M57	X	-2.905	-2.905	0	%100
32	M57	Z	-1.677	-1.677	0	%100
33	M58	X	-2.905	-2.905	0	%100
34	M58	Z	-1.677	-1.677	0	%100
35	M59	X	-.835	-.835	0	%100
36	M59	Z	-.482	-.482	0	%100
37	M60	X	-.835	-.835	0	%100
38	M60	Z	-.482	-.482	0	%100
39	M61	X	-.835	-.835	0	%100
40	M61	Z	-.482	-.482	0	%100
41	M62	X	-.835	-.835	0	%100
42	M62	Z	-.482	-.482	0	%100
43	M63	X	-.835	-.835	0	%100
44	M63	Z	-.482	-.482	0	%100
45	M64	X	-.835	-.835	0	%100
46	M64	Z	-.482	-.482	0	%100
47	M65	X	-.835	-.835	0	%100
48	M65	Z	-.482	-.482	0	%100
49	M66	X	-1.492	-1.492	0	%100
50	M66	Z	-.861	-.861	0	%100
51	M68	X	-1.492	-1.492	0	%100
52	M68	Z	-.861	-.861	0	%100
53	M70	X	0	0	0	%100
54	M70	Z	0	0	0	%100
55	M72A	X	-1.18	-1.18	0	%100
56	M72A	Z	-.681	-.681	0	%100
57	M73A	X	-1.18	-1.18	0	%100
58	M73A	Z	-.681	-.681	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
59	M74A	X	-1.18	-1.18	0	%100
60	M74A	Z	-.681	-.681	0	%100
61	M75	X	-1.18	-1.18	0	%100
62	M75	Z	-.681	-.681	0	%100
63	M76	X	-4.719	-4.719	0	%100
64	M76	Z	-2.724	-2.724	0	%100
65	M77	X	-4.719	-4.719	0	%100
66	M77	Z	-2.724	-2.724	0	%100
67	MP5C	X	-2.412	-2.412	0	%100
68	MP5C	Z	-1.392	-1.392	0	%100
69	MP3C	X	-2.412	-2.412	0	%100
70	MP3C	Z	-1.392	-1.392	0	%100
71	GAMMA RRH 1	X	-2.412	-2.412	0	%100
72	GAMMA RRH 1	Z	-1.392	-1.392	0	%100
73	M23	X	-2.412	-2.412	0	%100
74	M23	Z	-1.392	-1.392	0	%100
75	MP3B	X	-2.412	-2.412	0	%100
76	MP3B	Z	-1.392	-1.392	0	%100
77	BETA RRH	X	-2.412	-2.412	0	%100
78	BETA RRH	Z	-1.392	-1.392	0	%100
79	M24	X	-2.412	-2.412	0	%100
80	M24	Z	-1.392	-1.392	0	%100
81	GAMMA RRH 2	X	-2.412	-2.412	0	%100
82	GAMMA RRH 2	Z	-1.392	-1.392	0	%100
83	MP2C	X	-2.412	-2.412	0	%100
84	MP2C	Z	-1.392	-1.392	0	%100
85	MP4C	X	-2.412	-2.412	0	%100
86	MP4C	Z	-1.392	-1.392	0	%100
87	MP1B	X	-2.412	-2.412	0	%100
88	MP1B	Z	-1.392	-1.392	0	%100
89	MP4B	X	-2.412	-2.412	0	%100
90	MP4B	Z	-1.392	-1.392	0	%100
91	M123	X	-1.357	-1.357	0	%100
92	M123	Z	-.784	-.784	0	%100
93	M124	X	-1.357	-1.357	0	%100
94	M124	Z	-.784	-.784	0	%100
95	MP1C	X	-2.412	-2.412	0	%100
96	MP1C	Z	-1.392	-1.392	0	%100
97	M141	X	0	0	0	%100
98	M141	Z	0	0	0	%100
99	M142	X	0	0	0	%100
100	M142	Z	0	0	0	%100
101	MP2B	X	-2.412	-2.412	0	%100
102	MP2B	Z	-1.392	-1.392	0	%100
103	M89	X	-1.143	-1.143	0	%100
104	M89	Z	-.66	-.66	0	%100
105	M90	X	-1.143	-1.143	0	%100
106	M90	Z	-.66	-.66	0	%100
107	M91	X	0	0	0	%100
108	M91	Z	0	0	0	%100
109	M92	X	0	0	0	%100
110	M92	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
111	M93	X	0	0	0	%100
112	M93	Z	0	0	0	%100
113	M94	X	0	0	0	%100
114	M94	Z	0	0	0	%100
115	M95	X	-.667	-.667	0	%100
116	M95	Z	-.385	-.385	0	%100
117	M98	X	-.667	-.667	0	%100
118	M98	Z	-.385	-.385	0	%100
119	M101	X	-2.669	-2.669	0	%100
120	M101	Z	-1.541	-1.541	0	%100
121	M104	X	-.582	-.582	0	%100
122	M104	Z	-.336	-.336	0	%100
123	M105	X	-.567	-.567	0	%100
124	M105	Z	-.327	-.327	0	%100
125	M106	X	-2.299	-2.299	0	%100
126	M106	Z	-1.327	-1.327	0	%100
127	M120	X	-1.052	-1.052	0	%100
128	M120	Z	-.607	-.607	0	%100
129	M121	X	-1.962	-1.962	0	%100
130	M121	Z	-1.133	-1.133	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	MP4A	X	-1.392	-1.392	0	%100
2	MP4A	Z	-2.412	-2.412	0	%100
3	MP3A	X	-1.392	-1.392	0	%100
4	MP3A	Z	-2.412	-2.412	0	%100
5	MP2A	X	-1.392	-1.392	0	%100
6	MP2A	Z	-2.412	-2.412	0	%100
7	MP1A	X	-1.392	-1.392	0	%100
8	MP1A	Z	-2.412	-2.412	0	%100
9	M28	X	-1.937	-1.937	0	%100
10	M28	Z	-3.354	-3.354	0	%100
11	M31	X	0	0	0	%100
12	M31	Z	0	0	0	%100
13	M34	X	-1.937	-1.937	0	%100
14	M34	Z	-3.354	-3.354	0	%100
15	M37	X	-.402	-.402	0	%100
16	M37	Z	-.696	-.696	0	%100
17	M40	X	-.402	-.402	0	%100
18	M40	Z	-.696	-.696	0	%100
19	M43	X	0	0	0	%100
20	M43	Z	0	0	0	%100
21	M46	X	0	0	0	%100
22	M46	Z	0	0	0	%100
23	M49	X	-.402	-.402	0	%100
24	M49	Z	-.696	-.696	0	%100
25	M52	X	-.402	-.402	0	%100
26	M52	Z	-.696	-.696	0	%100
27	M55	X	-1.686	-1.686	0	%100
28	M55	Z	-2.921	-2.921	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
29	M56	X	-.528	-.528	0	%100
30	M56	Z	-.914	-.914	0	%100
31	M57	X	-1.677	-1.677	0	%100
32	M57	Z	-2.905	-2.905	0	%100
33	M58	X	-1.677	-1.677	0	%100
34	M58	Z	-2.905	-2.905	0	%100
35	M59	X	-.161	-.161	0	%100
36	M59	Z	-.278	-.278	0	%100
37	M60	X	-.161	-.161	0	%100
38	M60	Z	-.278	-.278	0	%100
39	M61	X	-.161	-.161	0	%100
40	M61	Z	-.278	-.278	0	%100
41	M62	X	-.161	-.161	0	%100
42	M62	Z	-.278	-.278	0	%100
43	M63	X	-.161	-.161	0	%100
44	M63	Z	-.278	-.278	0	%100
45	M64	X	-.161	-.161	0	%100
46	M64	Z	-.278	-.278	0	%100
47	M65	X	-.161	-.161	0	%100
48	M65	Z	-.278	-.278	0	%100
49	M66	X	-.287	-.287	0	%100
50	M66	Z	-.497	-.497	0	%100
51	M68	X	-1.148	-1.148	0	%100
52	M68	Z	-1.989	-1.989	0	%100
53	M70	X	-.287	-.287	0	%100
54	M70	Z	-.497	-.497	0	%100
55	M72A	X	-2.043	-2.043	0	%100
56	M72A	Z	-3.539	-3.539	0	%100
57	M73A	X	-2.043	-2.043	0	%100
58	M73A	Z	-3.539	-3.539	0	%100
59	M74A	X	0	0	0	%100
60	M74A	Z	0	0	0	%100
61	M75	X	0	0	0	%100
62	M75	Z	0	0	0	%100
63	M76	X	-2.043	-2.043	0	%100
64	M76	Z	-3.539	-3.539	0	%100
65	M77	X	-2.043	-2.043	0	%100
66	M77	Z	-3.539	-3.539	0	%100
67	MP5C	X	-1.392	-1.392	0	%100
68	MP5C	Z	-2.412	-2.412	0	%100
69	MP3C	X	-1.392	-1.392	0	%100
70	MP3C	Z	-2.412	-2.412	0	%100
71	GAMMA RRH 1	X	-1.392	-1.392	0	%100
72	GAMMA RRH 1	Z	-2.412	-2.412	0	%100
73	M23	X	-1.392	-1.392	0	%100
74	M23	Z	-2.412	-2.412	0	%100
75	MP3B	X	-1.392	-1.392	0	%100
76	MP3B	Z	-2.412	-2.412	0	%100
77	BETA RRH	X	-1.392	-1.392	0	%100
78	BETA RRH	Z	-2.412	-2.412	0	%100
79	M24	X	-1.392	-1.392	0	%100
80	M24	Z	-2.412	-2.412	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
81	GAMMA RRH 2	X	-1.392	-1.392	0	%100
82	GAMMA RRH 2	Z	-2.412	-2.412	0	%100
83	MP2C	X	-1.392	-1.392	0	%100
84	MP2C	Z	-2.412	-2.412	0	%100
85	MP4C	X	-1.392	-1.392	0	%100
86	MP4C	Z	-2.412	-2.412	0	%100
87	MP1B	X	-1.392	-1.392	0	%100
88	MP1B	Z	-2.412	-2.412	0	%100
89	MP4B	X	-1.392	-1.392	0	%100
90	MP4B	Z	-2.412	-2.412	0	%100
91	M123	X	-1.045	-1.045	0	%100
92	M123	Z	-1.809	-1.809	0	%100
93	M124	X	-1.045	-1.045	0	%100
94	M124	Z	-1.809	-1.809	0	%100
95	MP1C	X	-1.392	-1.392	0	%100
96	MP1C	Z	-2.412	-2.412	0	%100
97	M141	X	-.261	-.261	0	%100
98	M141	Z	-.452	-.452	0	%100
99	M142	X	-.261	-.261	0	%100
100	M142	Z	-.452	-.452	0	%100
101	MP2B	X	-1.392	-1.392	0	%100
102	MP2B	Z	-2.412	-2.412	0	%100
103	M89	X	-.88	-.88	0	%100
104	M89	Z	-1.524	-1.524	0	%100
105	M90	X	-.88	-.88	0	%100
106	M90	Z	-1.524	-1.524	0	%100
107	M91	X	-.22	-.22	0	%100
108	M91	Z	-.381	-.381	0	%100
109	M92	X	-.22	-.22	0	%100
110	M92	Z	-.381	-.381	0	%100
111	M93	X	-.22	-.22	0	%100
112	M93	Z	-.381	-.381	0	%100
113	M94	X	-.22	-.22	0	%100
114	M94	Z	-.381	-.381	0	%100
115	M95	X	-1.156	-1.156	0	%100
116	M95	Z	-2.002	-2.002	0	%100
117	M98	X	0	0	0	%100
118	M98	Z	0	0	0	%100
119	M101	X	-1.156	-1.156	0	%100
120	M101	Z	-2.002	-2.002	0	%100
121	M104	X	-1.9e-5	-1.9e-5	0	%100
122	M104	Z	-3.3e-5	-3.3e-5	0	%100
123	M105	X	-.991	-.991	0	%100
124	M105	Z	-1.717	-1.717	0	%100
125	M106	X	-1	-1	0	%100
126	M106	Z	-1.732	-1.732	0	%100
127	M120	X	-.081	-.081	0	%100
128	M120	Z	-.141	-.141	0	%100
129	M121	X	-.607	-.607	0	%100
130	M121	Z	-1.052	-1.052	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	MP4A	X	0	0	0	%100
2	MP4A	Z	-.508	-.508	0	%100
3	MP3A	X	0	0	0	%100
4	MP3A	Z	-.508	-.508	0	%100
5	MP2A	X	0	0	0	%100
6	MP2A	Z	-.508	-.508	0	%100
7	MP1A	X	0	0	0	%100
8	MP1A	Z	-.508	-.508	0	%100
9	M28	X	0	0	0	%100
10	M28	Z	-1.372	-1.372	0	%100
11	M31	X	0	0	0	%100
12	M31	Z	-.343	-.343	0	%100
13	M34	X	0	0	0	%100
14	M34	Z	-.343	-.343	0	%100
15	M37	X	0	0	0	%100
16	M37	Z	-.08	-.08	0	%100
17	M40	X	0	0	0	%100
18	M40	Z	-.08	-.08	0	%100
19	M43	X	0	0	0	%100
20	M43	Z	-.02	-.02	0	%100
21	M46	X	0	0	0	%100
22	M46	Z	-.02	-.02	0	%100
23	M49	X	0	0	0	%100
24	M49	Z	-.02	-.02	0	%100
25	M52	X	0	0	0	%100
26	M52	Z	-.02	-.02	0	%100
27	M55	X	0	0	0	%100
28	M55	Z	-1.225	-1.225	0	%100
29	M56	X	0	0	0	%100
30	M56	Z	0	0	0	%100
31	M57	X	0	0	0	%100
32	M57	Z	-.713	-.713	0	%100
33	M58	X	0	0	0	%100
34	M58	Z	-.713	-.713	0	%100
35	M59	X	0	0	0	%100
36	M59	Z	0	0	0	%100
37	M60	X	0	0	0	%100
38	M60	Z	0	0	0	%100
39	M61	X	0	0	0	%100
40	M61	Z	0	0	0	%100
41	M62	X	0	0	0	%100
42	M62	Z	0	0	0	%100
43	M63	X	0	0	0	%100
44	M63	Z	0	0	0	%100
45	M64	X	0	0	0	%100
46	M64	Z	0	0	0	%100
47	M65	X	0	0	0	%100
48	M65	Z	0	0	0	%100
49	M66	X	0	0	0	%100
50	M66	Z	0	0	0	%100
51	M68	X	0	0	0	%100
52	M68	Z	-.36	-.36	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
53	M70	X	0	0	0	%100
54	M70	Z	-.36	-.36	0	%100
55	M72A	X	0	0	0	%100
56	M72A	Z	-1.467	-1.467	0	%100
57	M73A	X	0	0	0	%100
58	M73A	Z	-1.467	-1.467	0	%100
59	M74A	X	0	0	0	%100
60	M74A	Z	-.367	-.367	0	%100
61	M75	X	0	0	0	%100
62	M75	Z	-.367	-.367	0	%100
63	M76	X	0	0	0	%100
64	M76	Z	-.367	-.367	0	%100
65	M77	X	0	0	0	%100
66	M77	Z	-.367	-.367	0	%100
67	MP5C	X	0	0	0	%100
68	MP5C	Z	-.508	-.508	0	%100
69	MP3C	X	0	0	0	%100
70	MP3C	Z	-.508	-.508	0	%100
71	GAMMA RRH 1	X	0	0	0	%100
72	GAMMA RRH 1	Z	-.508	-.508	0	%100
73	M23	X	0	0	0	%100
74	M23	Z	-.508	-.508	0	%100
75	MP3B	X	0	0	0	%100
76	MP3B	Z	-.508	-.508	0	%100
77	BETA RRH	X	0	0	0	%100
78	BETA RRH	Z	-.508	-.508	0	%100
79	M24	X	0	0	0	%100
80	M24	Z	-.508	-.508	0	%100
81	GAMMA RRH 2	X	0	0	0	%100
82	GAMMA RRH 2	Z	-.508	-.508	0	%100
83	MP2C	X	0	0	0	%100
84	MP2C	Z	-.508	-.508	0	%100
85	MP4C	X	0	0	0	%100
86	MP4C	Z	-.508	-.508	0	%100
87	MP1B	X	0	0	0	%100
88	MP1B	Z	-.508	-.508	0	%100
89	MP4B	X	0	0	0	%100
90	MP4B	Z	-.508	-.508	0	%100
91	M123	X	0	0	0	%100
92	M123	Z	-.285	-.285	0	%100
93	M124	X	0	0	0	%100
94	M124	Z	-.285	-.285	0	%100
95	MP1C	X	0	0	0	%100
96	MP1C	Z	-.508	-.508	0	%100
97	M141	X	0	0	0	%100
98	M141	Z	-.285	-.285	0	%100
99	M142	X	0	0	0	%100
100	M142	Z	-.285	-.285	0	%100
101	MP2B	X	0	0	0	%100
102	MP2B	Z	-.508	-.508	0	%100
103	M89	X	0	0	0	%100
104	M89	Z	-.24	-.24	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
105	M90	X	0	0	0	%100
106	M90	Z	-.24	-.24	0	%100
107	M91	X	0	0	0	%100
108	M91	Z	-.24	-.24	0	%100
109	M92	X	0	0	0	%100
110	M92	Z	-.24	-.24	0	%100
111	M93	X	0	0	0	%100
112	M93	Z	-.24	-.24	0	%100
113	M94	X	0	0	0	%100
114	M94	Z	-.24	-.24	0	%100
115	M95	X	0	0	0	%100
116	M95	Z	-.615	-.615	0	%100
117	M98	X	0	0	0	%100
118	M98	Z	-.154	-.154	0	%100
119	M101	X	0	0	0	%100
120	M101	Z	-.154	-.154	0	%100
121	M104	X	0	0	0	%100
122	M104	Z	-.161	-.161	0	%100
123	M105	X	0	0	0	%100
124	M105	Z	-.654	-.654	0	%100
125	M106	X	0	0	0	%100
126	M106	Z	-.166	-.166	0	%100
127	M120	X	0	0	0	%100
128	M120	Z	-.03	-.03	0	%100
129	M121	X	0	0	0	%100
130	M121	Z	-.03	-.03	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	MP4A	X	.254	.254	0	%100
2	MP4A	Z	-.44	-.44	0	%100
3	MP3A	X	.254	.254	0	%100
4	MP3A	Z	-.44	-.44	0	%100
5	MP2A	X	.254	.254	0	%100
6	MP2A	Z	-.44	-.44	0	%100
7	MP1A	X	.254	.254	0	%100
8	MP1A	Z	-.44	-.44	0	%100
9	M28	X	.514	.514	0	%100
10	M28	Z	-.891	-.891	0	%100
11	M31	X	.514	.514	0	%100
12	M31	Z	-.891	-.891	0	%100
13	M34	X	0	0	0	%100
14	M34	Z	0	0	0	%100
15	M37	X	.03	.03	0	%100
16	M37	Z	-.052	-.052	0	%100
17	M40	X	.03	.03	0	%100
18	M40	Z	-.052	-.052	0	%100
19	M43	X	.03	.03	0	%100
20	M43	Z	-.052	-.052	0	%100
21	M46	X	.03	.03	0	%100
22	M46	Z	-.052	-.052	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
23	M49	X	0	0	0	%100
24	M49	Z	0	0	0	%100
25	M52	X	0	0	0	%100
26	M52	Z	0	0	0	%100
27	M55	X	.46	.46	0	%100
28	M55	Z	-.796	-.796	0	%100
29	M56	X	.145	.145	0	%100
30	M56	Z	-.251	-.251	0	%100
31	M57	X	.356	.356	0	%100
32	M57	Z	-.617	-.617	0	%100
33	M58	X	.356	.356	0	%100
34	M58	Z	-.617	-.617	0	%100
35	M59	X	.018	.018	0	%100
36	M59	Z	-.031	-.031	0	%100
37	M60	X	.018	.018	0	%100
38	M60	Z	-.031	-.031	0	%100
39	M61	X	.018	.018	0	%100
40	M61	Z	-.031	-.031	0	%100
41	M62	X	.018	.018	0	%100
42	M62	Z	-.031	-.031	0	%100
43	M63	X	.018	.018	0	%100
44	M63	Z	-.031	-.031	0	%100
45	M64	X	.018	.018	0	%100
46	M64	Z	-.031	-.031	0	%100
47	M65	X	.018	.018	0	%100
48	M65	Z	-.031	-.031	0	%100
49	M66	X	.06	.06	0	%100
50	M66	Z	-.104	-.104	0	%100
51	M68	X	.06	.06	0	%100
52	M68	Z	-.104	-.104	0	%100
53	M70	X	.24	.24	0	%100
54	M70	Z	-.416	-.416	0	%100
55	M72A	X	.55	.55	0	%100
56	M72A	Z	-.953	-.953	0	%100
57	M73A	X	.55	.55	0	%100
58	M73A	Z	-.953	-.953	0	%100
59	M74A	X	.55	.55	0	%100
60	M74A	Z	-.953	-.953	0	%100
61	M75	X	.55	.55	0	%100
62	M75	Z	-.953	-.953	0	%100
63	M76	X	0	0	0	%100
64	M76	Z	0	0	0	%100
65	M77	X	0	0	0	%100
66	M77	Z	0	0	0	%100
67	MP5C	X	.254	.254	0	%100
68	MP5C	Z	-.44	-.44	0	%100
69	MP3C	X	.254	.254	0	%100
70	MP3C	Z	-.44	-.44	0	%100
71	GAMMA RRH 1	X	.254	.254	0	%100
72	GAMMA RRH 1	Z	-.44	-.44	0	%100
73	M23	X	.254	.254	0	%100
74	M23	Z	-.44	-.44	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
75	MP3B	X	.254	.254	0	%100
76	MP3B	Z	-.44	-.44	0	%100
77	BETA RRH	X	.254	.254	0	%100
78	BETA RRH	Z	-.44	-.44	0	%100
79	M24	X	.254	.254	0	%100
80	M24	Z	-.44	-.44	0	%100
81	GAMMA RRH 2	X	.254	.254	0	%100
82	GAMMA RRH 2	Z	-.44	-.44	0	%100
83	MP2C	X	.254	.254	0	%100
84	MP2C	Z	-.44	-.44	0	%100
85	MP4C	X	.254	.254	0	%100
86	MP4C	Z	-.44	-.44	0	%100
87	MP1B	X	.254	.254	0	%100
88	MP1B	Z	-.44	-.44	0	%100
89	MP4B	X	.254	.254	0	%100
90	MP4B	Z	-.44	-.44	0	%100
91	M123	X	.047	.047	0	%100
92	M123	Z	-.082	-.082	0	%100
93	M124	X	.047	.047	0	%100
94	M124	Z	-.082	-.082	0	%100
95	MP1C	X	.254	.254	0	%100
96	MP1C	Z	-.44	-.44	0	%100
97	M141	X	.19	.19	0	%100
98	M141	Z	-.329	-.329	0	%100
99	M142	X	.19	.19	0	%100
100	M142	Z	-.329	-.329	0	%100
101	MP2B	X	.254	.254	0	%100
102	MP2B	Z	-.44	-.44	0	%100
103	M89	X	.04	.04	0	%100
104	M89	Z	-.069	-.069	0	%100
105	M90	X	.04	.04	0	%100
106	M90	Z	-.069	-.069	0	%100
107	M91	X	.16	.16	0	%100
108	M91	Z	-.277	-.277	0	%100
109	M92	X	.16	.16	0	%100
110	M92	Z	-.277	-.277	0	%100
111	M93	X	.16	.16	0	%100
112	M93	Z	-.277	-.277	0	%100
113	M94	X	.16	.16	0	%100
114	M94	Z	-.277	-.277	0	%100
115	M95	X	.23	.23	0	%100
116	M95	Z	-.399	-.399	0	%100
117	M98	X	.23	.23	0	%100
118	M98	Z	-.399	-.399	0	%100
119	M101	X	0	0	0	%100
120	M101	Z	0	0	0	%100
121	M104	X	.244	.244	0	%100
122	M104	Z	-.423	-.423	0	%100
123	M105	X	.246	.246	0	%100
124	M105	Z	-.427	-.427	0	%100
125	M106	X	5e-6	5e-6	0	%100
126	M106	Z	-8e-6	-8e-6	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
127	M120	X	.11	.11	0	%100
128	M120	Z	-.191	-.191	0	%100
129	M121	X	.015	.015	0	%100
130	M121	Z	-.026	-.026	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	MP4A	X	.44	.44	0	%100
2	MP4A	Z	-.254	-.254	0	%100
3	MP3A	X	.44	.44	0	%100
4	MP3A	Z	-.254	-.254	0	%100
5	MP2A	X	.44	.44	0	%100
6	MP2A	Z	-.254	-.254	0	%100
7	MP1A	X	.44	.44	0	%100
8	MP1A	Z	-.254	-.254	0	%100
9	M28	X	.297	.297	0	%100
10	M28	Z	-.171	-.171	0	%100
11	M31	X	1.188	1.188	0	%100
12	M31	Z	-.686	-.686	0	%100
13	M34	X	.297	.297	0	%100
14	M34	Z	-.171	-.171	0	%100
15	M37	X	.017	.017	0	%100
16	M37	Z	-.01	-.01	0	%100
17	M40	X	.017	.017	0	%100
18	M40	Z	-.01	-.01	0	%100
19	M43	X	.069	.069	0	%100
20	M43	Z	-.04	-.04	0	%100
21	M46	X	.069	.069	0	%100
22	M46	Z	-.04	-.04	0	%100
23	M49	X	.017	.017	0	%100
24	M49	Z	-.01	-.01	0	%100
25	M52	X	.017	.017	0	%100
26	M52	Z	-.01	-.01	0	%100
27	M55	X	.265	.265	0	%100
28	M55	Z	-.153	-.153	0	%100
29	M56	X	.753	.753	0	%100
30	M56	Z	-.435	-.435	0	%100
31	M57	X	.617	.617	0	%100
32	M57	Z	-.356	-.356	0	%100
33	M58	X	.617	.617	0	%100
34	M58	Z	-.356	-.356	0	%100
35	M59	X	.092	.092	0	%100
36	M59	Z	-.053	-.053	0	%100
37	M60	X	.092	.092	0	%100
38	M60	Z	-.053	-.053	0	%100
39	M61	X	.092	.092	0	%100
40	M61	Z	-.053	-.053	0	%100
41	M62	X	.092	.092	0	%100
42	M62	Z	-.053	-.053	0	%100
43	M63	X	.092	.092	0	%100
44	M63	Z	-.053	-.053	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
45	M64	X	.092	.092	0	%100
46	M64	Z	-.053	-.053	0	%100
47	M65	X	.092	.092	0	%100
48	M65	Z	-.053	-.053	0	%100
49	M66	X	.312	.312	0	%100
50	M66	Z	-.18	-.18	0	%100
51	M68	X	0	0	0	%100
52	M68	Z	0	0	0	%100
53	M70	X	.312	.312	0	%100
54	M70	Z	-.18	-.18	0	%100
55	M72A	X	.318	.318	0	%100
56	M72A	Z	-.183	-.183	0	%100
57	M73A	X	.318	.318	0	%100
58	M73A	Z	-.183	-.183	0	%100
59	M74A	X	1.27	1.27	0	%100
60	M74A	Z	-.733	-.733	0	%100
61	M75	X	1.27	1.27	0	%100
62	M75	Z	-.733	-.733	0	%100
63	M76	X	.318	.318	0	%100
64	M76	Z	-.183	-.183	0	%100
65	M77	X	.318	.318	0	%100
66	M77	Z	-.183	-.183	0	%100
67	MP5C	X	.44	.44	0	%100
68	MP5C	Z	-.254	-.254	0	%100
69	MP3C	X	.44	.44	0	%100
70	MP3C	Z	-.254	-.254	0	%100
71	GAMMA RRH 1	X	.44	.44	0	%100
72	GAMMA RRH 1	Z	-.254	-.254	0	%100
73	M23	X	.44	.44	0	%100
74	M23	Z	-.254	-.254	0	%100
75	MP3B	X	.44	.44	0	%100
76	MP3B	Z	-.254	-.254	0	%100
77	BETA RRH	X	.44	.44	0	%100
78	BETA RRH	Z	-.254	-.254	0	%100
79	M24	X	.44	.44	0	%100
80	M24	Z	-.254	-.254	0	%100
81	GAMMA RRH 2	X	.44	.44	0	%100
82	GAMMA RRH 2	Z	-.254	-.254	0	%100
83	MP2C	X	.44	.44	0	%100
84	MP2C	Z	-.254	-.254	0	%100
85	MP4C	X	.44	.44	0	%100
86	MP4C	Z	-.254	-.254	0	%100
87	MP1B	X	.44	.44	0	%100
88	MP1B	Z	-.254	-.254	0	%100
89	MP4B	X	.44	.44	0	%100
90	MP4B	Z	-.254	-.254	0	%100
91	M123	X	0	0	0	%100
92	M123	Z	0	0	0	%100
93	M124	X	0	0	0	%100
94	M124	Z	0	0	0	%100
95	MP1C	X	.44	.44	0	%100
96	MP1C	Z	-.254	-.254	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
97	M141	X	.246	.246	0	%100
98	M141	Z	-.142	-.142	0	%100
99	M142	X	.246	.246	0	%100
100	M142	Z	-.142	-.142	0	%100
101	MP2B	X	.44	.44	0	%100
102	MP2B	Z	-.254	-.254	0	%100
103	M89	X	0	0	0	%100
104	M89	Z	0	0	0	%100
105	M90	X	0	0	0	%100
106	M90	Z	0	0	0	%100
107	M91	X	.208	.208	0	%100
108	M91	Z	-.12	-.12	0	%100
109	M92	X	.208	.208	0	%100
110	M92	Z	-.12	-.12	0	%100
111	M93	X	.208	.208	0	%100
112	M93	Z	-.12	-.12	0	%100
113	M94	X	.208	.208	0	%100
114	M94	Z	-.12	-.12	0	%100
115	M95	X	.133	.133	0	%100
116	M95	Z	-.077	-.077	0	%100
117	M98	X	.532	.532	0	%100
118	M98	Z	-.307	-.307	0	%100
119	M101	X	.133	.133	0	%100
120	M101	Z	-.077	-.077	0	%100
121	M104	X	.566	.566	0	%100
122	M104	Z	-.327	-.327	0	%100
123	M105	X	.143	.143	0	%100
124	M105	Z	-.083	-.083	0	%100
125	M106	X	.14	.14	0	%100
126	M106	Z	-.081	-.081	0	%100
127	M120	X	.356	.356	0	%100
128	M120	Z	-.206	-.206	0	%100
129	M121	X	.191	.191	0	%100
130	M121	Z	-.11	-.11	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	MP4A	X	.508	.508	0	%100
2	MP4A	Z	0	0	0	%100
3	MP3A	X	.508	.508	0	%100
4	MP3A	Z	0	0	0	%100
5	MP2A	X	.508	.508	0	%100
6	MP2A	Z	0	0	0	%100
7	MP1A	X	.508	.508	0	%100
8	MP1A	Z	0	0	0	%100
9	M28	X	0	0	0	%100
10	M28	Z	0	0	0	%100
11	M31	X	1.029	1.029	0	%100
12	M31	Z	0	0	0	%100
13	M34	X	1.029	1.029	0	%100
14	M34	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
15	M37	X	0	0	0	%100
16	M37	Z	0	0	0	%100
17	M40	X	0	0	0	%100
18	M40	Z	0	0	0	%100
19	M43	X	.06	.06	0	%100
20	M43	Z	0	0	0	%100
21	M46	X	.06	.06	0	%100
22	M46	Z	0	0	0	%100
23	M49	X	.06	.06	0	%100
24	M49	Z	0	0	0	%100
25	M52	X	.06	.06	0	%100
26	M52	Z	0	0	0	%100
27	M55	X	0	0	0	%100
28	M55	Z	0	0	0	%100
29	M56	X	1.16	1.16	0	%100
30	M56	Z	0	0	0	%100
31	M57	X	.713	.713	0	%100
32	M57	Z	0	0	0	%100
33	M58	X	.713	.713	0	%100
34	M58	Z	0	0	0	%100
35	M59	X	.142	.142	0	%100
36	M59	Z	0	0	0	%100
37	M60	X	.142	.142	0	%100
38	M60	Z	0	0	0	%100
39	M61	X	.142	.142	0	%100
40	M61	Z	0	0	0	%100
41	M62	X	.142	.142	0	%100
42	M62	Z	0	0	0	%100
43	M63	X	.142	.142	0	%100
44	M63	Z	0	0	0	%100
45	M64	X	.142	.142	0	%100
46	M64	Z	0	0	0	%100
47	M65	X	.142	.142	0	%100
48	M65	Z	0	0	0	%100
49	M66	X	.48	.48	0	%100
50	M66	Z	0	0	0	%100
51	M68	X	.12	.12	0	%100
52	M68	Z	0	0	0	%100
53	M70	X	.12	.12	0	%100
54	M70	Z	0	0	0	%100
55	M72A	X	0	0	0	%100
56	M72A	Z	0	0	0	%100
57	M73A	X	0	0	0	%100
58	M73A	Z	0	0	0	%100
59	M74A	X	1.1	1.1	0	%100
60	M74A	Z	0	0	0	%100
61	M75	X	1.1	1.1	0	%100
62	M75	Z	0	0	0	%100
63	M76	X	1.1	1.1	0	%100
64	M76	Z	0	0	0	%100
65	M77	X	1.1	1.1	0	%100
66	M77	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
67	MP5C	X	.508	.508	0	%100
68	MP5C	Z	0	0	0	%100
69	MP3C	X	.508	.508	0	%100
70	MP3C	Z	0	0	0	%100
71	GAMMA RRH 1	X	.508	.508	0	%100
72	GAMMA RRH 1	Z	0	0	0	%100
73	M23	X	.508	.508	0	%100
74	M23	Z	0	0	0	%100
75	MP3B	X	.508	.508	0	%100
76	MP3B	Z	0	0	0	%100
77	BETA RRH	X	.508	.508	0	%100
78	BETA RRH	Z	0	0	0	%100
79	M24	X	.508	.508	0	%100
80	M24	Z	0	0	0	%100
81	GAMMA RRH 2	X	.508	.508	0	%100
82	GAMMA RRH 2	Z	0	0	0	%100
83	MP2C	X	.508	.508	0	%100
84	MP2C	Z	0	0	0	%100
85	MP4C	X	.508	.508	0	%100
86	MP4C	Z	0	0	0	%100
87	MP1B	X	.508	.508	0	%100
88	MP1B	Z	0	0	0	%100
89	MP4B	X	.508	.508	0	%100
90	MP4B	Z	0	0	0	%100
91	M123	X	.095	.095	0	%100
92	M123	Z	0	0	0	%100
93	M124	X	.095	.095	0	%100
94	M124	Z	0	0	0	%100
95	MP1C	X	.508	.508	0	%100
96	MP1C	Z	0	0	0	%100
97	M141	X	.095	.095	0	%100
98	M141	Z	0	0	0	%100
99	M142	X	.095	.095	0	%100
100	M142	Z	0	0	0	%100
101	MP2B	X	.508	.508	0	%100
102	MP2B	Z	0	0	0	%100
103	M89	X	.08	.08	0	%100
104	M89	Z	0	0	0	%100
105	M90	X	.08	.08	0	%100
106	M90	Z	0	0	0	%100
107	M91	X	.08	.08	0	%100
108	M91	Z	0	0	0	%100
109	M92	X	.08	.08	0	%100
110	M92	Z	0	0	0	%100
111	M93	X	.08	.08	0	%100
112	M93	Z	0	0	0	%100
113	M94	X	.08	.08	0	%100
114	M94	Z	0	0	0	%100
115	M95	X	0	0	0	%100
116	M95	Z	0	0	0	%100
117	M98	X	.461	.461	0	%100
118	M98	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
119	M101	X	.461	.461	0	%100
120	M101	Z	0	0	0	%100
121	M104	X	.493	.493	0	%100
122	M104	Z	0	0	0	%100
123	M105	X	9e-6	9e-6	0	%100
124	M105	Z	0	0	0	%100
125	M106	X	.488	.488	0	%100
126	M106	Z	0	0	0	%100
127	M120	X	.411	.411	0	%100
128	M120	Z	0	0	0	%100
129	M121	X	.411	.411	0	%100
130	M121	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	MP4A	X	.44	.44	0	%100
2	MP4A	Z	.254	.254	0	%100
3	MP3A	X	.44	.44	0	%100
4	MP3A	Z	.254	.254	0	%100
5	MP2A	X	.44	.44	0	%100
6	MP2A	Z	.254	.254	0	%100
7	MP1A	X	.44	.44	0	%100
8	MP1A	Z	.254	.254	0	%100
9	M28	X	.297	.297	0	%100
10	M28	Z	.171	.171	0	%100
11	M31	X	.297	.297	0	%100
12	M31	Z	.171	.171	0	%100
13	M34	X	1.188	1.188	0	%100
14	M34	Z	.686	.686	0	%100
15	M37	X	.017	.017	0	%100
16	M37	Z	.01	.01	0	%100
17	M40	X	.017	.017	0	%100
18	M40	Z	.01	.01	0	%100
19	M43	X	.017	.017	0	%100
20	M43	Z	.01	.01	0	%100
21	M46	X	.017	.017	0	%100
22	M46	Z	.01	.01	0	%100
23	M49	X	.069	.069	0	%100
24	M49	Z	.04	.04	0	%100
25	M52	X	.069	.069	0	%100
26	M52	Z	.04	.04	0	%100
27	M55	X	.265	.265	0	%100
28	M55	Z	.153	.153	0	%100
29	M56	X	.753	.753	0	%100
30	M56	Z	.435	.435	0	%100
31	M57	X	.617	.617	0	%100
32	M57	Z	.356	.356	0	%100
33	M58	X	.617	.617	0	%100
34	M58	Z	.356	.356	0	%100
35	M59	X	.092	.092	0	%100
36	M59	Z	.053	.053	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
37	M60	X	.092	.092	0	%100
38	M60	Z	.053	.053	0	%100
39	M61	X	.092	.092	0	%100
40	M61	Z	.053	.053	0	%100
41	M62	X	.092	.092	0	%100
42	M62	Z	.053	.053	0	%100
43	M63	X	.092	.092	0	%100
44	M63	Z	.053	.053	0	%100
45	M64	X	.092	.092	0	%100
46	M64	Z	.053	.053	0	%100
47	M65	X	.092	.092	0	%100
48	M65	Z	.053	.053	0	%100
49	M66	X	.312	.312	0	%100
50	M66	Z	.18	.18	0	%100
51	M68	X	.312	.312	0	%100
52	M68	Z	.18	.18	0	%100
53	M70	X	0	0	0	%100
54	M70	Z	0	0	0	%100
55	M72A	X	.318	.318	0	%100
56	M72A	Z	.183	.183	0	%100
57	M73A	X	.318	.318	0	%100
58	M73A	Z	.183	.183	0	%100
59	M74A	X	.318	.318	0	%100
60	M74A	Z	.183	.183	0	%100
61	M75	X	.318	.318	0	%100
62	M75	Z	.183	.183	0	%100
63	M76	X	1.27	1.27	0	%100
64	M76	Z	.733	.733	0	%100
65	M77	X	1.27	1.27	0	%100
66	M77	Z	.733	.733	0	%100
67	MP5C	X	.44	.44	0	%100
68	MP5C	Z	.254	.254	0	%100
69	MP3C	X	.44	.44	0	%100
70	MP3C	Z	.254	.254	0	%100
71	GAMMA RRH 1	X	.44	.44	0	%100
72	GAMMA RRH 1	Z	.254	.254	0	%100
73	M23	X	.44	.44	0	%100
74	M23	Z	.254	.254	0	%100
75	MP3B	X	.44	.44	0	%100
76	MP3B	Z	.254	.254	0	%100
77	BETA RRH	X	.44	.44	0	%100
78	BETA RRH	Z	.254	.254	0	%100
79	M24	X	.44	.44	0	%100
80	M24	Z	.254	.254	0	%100
81	GAMMA RRH 2	X	.44	.44	0	%100
82	GAMMA RRH 2	Z	.254	.254	0	%100
83	MP2C	X	.44	.44	0	%100
84	MP2C	Z	.254	.254	0	%100
85	MP4C	X	.44	.44	0	%100
86	MP4C	Z	.254	.254	0	%100
87	MP1B	X	.44	.44	0	%100
88	MP1B	Z	.254	.254	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
89	MP4B	X	.44	.44	0	%100
90	MP4B	Z	.254	.254	0	%100
91	M123	X	.246	.246	0	%100
92	M123	Z	.142	.142	0	%100
93	M124	X	.246	.246	0	%100
94	M124	Z	.142	.142	0	%100
95	MP1C	X	.44	.44	0	%100
96	MP1C	Z	.254	.254	0	%100
97	M141	X	0	0	0	%100
98	M141	Z	0	0	0	%100
99	M142	X	0	0	0	%100
100	M142	Z	0	0	0	%100
101	MP2B	X	.44	.44	0	%100
102	MP2B	Z	.254	.254	0	%100
103	M89	X	.208	.208	0	%100
104	M89	Z	.12	.12	0	%100
105	M90	X	.208	.208	0	%100
106	M90	Z	.12	.12	0	%100
107	M91	X	0	0	0	%100
108	M91	Z	0	0	0	%100
109	M92	X	0	0	0	%100
110	M92	Z	0	0	0	%100
111	M93	X	0	0	0	%100
112	M93	Z	0	0	0	%100
113	M94	X	0	0	0	%100
114	M94	Z	0	0	0	%100
115	M95	X	.133	.133	0	%100
116	M95	Z	.077	.077	0	%100
117	M98	X	.133	.133	0	%100
118	M98	Z	.077	.077	0	%100
119	M101	X	.532	.532	0	%100
120	M101	Z	.307	.307	0	%100
121	M104	X	.143	.143	0	%100
122	M104	Z	.083	.083	0	%100
123	M105	X	.14	.14	0	%100
124	M105	Z	.081	.081	0	%100
125	M106	X	.566	.566	0	%100
126	M106	Z	.327	.327	0	%100
127	M120	X	.191	.191	0	%100
128	M120	Z	.11	.11	0	%100
129	M121	X	.356	.356	0	%100
130	M121	Z	.206	.206	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	MP4A	X	.254	.254	0	%100
2	MP4A	Z	.44	.44	0	%100
3	MP3A	X	.254	.254	0	%100
4	MP3A	Z	.44	.44	0	%100
5	MP2A	X	.254	.254	0	%100
6	MP2A	Z	.44	.44	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
7	MP1A	X	.254	.254	0	%100
8	MP1A	Z	.44	.44	0	%100
9	M28	X	.514	.514	0	%100
10	M28	Z	.891	.891	0	%100
11	M31	X	0	0	0	%100
12	M31	Z	0	0	0	%100
13	M34	X	.514	.514	0	%100
14	M34	Z	.891	.891	0	%100
15	M37	X	.03	.03	0	%100
16	M37	Z	.052	.052	0	%100
17	M40	X	.03	.03	0	%100
18	M40	Z	.052	.052	0	%100
19	M43	X	0	0	0	%100
20	M43	Z	0	0	0	%100
21	M46	X	0	0	0	%100
22	M46	Z	0	0	0	%100
23	M49	X	.03	.03	0	%100
24	M49	Z	.052	.052	0	%100
25	M52	X	.03	.03	0	%100
26	M52	Z	.052	.052	0	%100
27	M55	X	.46	.46	0	%100
28	M55	Z	.796	.796	0	%100
29	M56	X	.145	.145	0	%100
30	M56	Z	.251	.251	0	%100
31	M57	X	.356	.356	0	%100
32	M57	Z	.617	.617	0	%100
33	M58	X	.356	.356	0	%100
34	M58	Z	.617	.617	0	%100
35	M59	X	.018	.018	0	%100
36	M59	Z	.031	.031	0	%100
37	M60	X	.018	.018	0	%100
38	M60	Z	.031	.031	0	%100
39	M61	X	.018	.018	0	%100
40	M61	Z	.031	.031	0	%100
41	M62	X	.018	.018	0	%100
42	M62	Z	.031	.031	0	%100
43	M63	X	.018	.018	0	%100
44	M63	Z	.031	.031	0	%100
45	M64	X	.018	.018	0	%100
46	M64	Z	.031	.031	0	%100
47	M65	X	.018	.018	0	%100
48	M65	Z	.031	.031	0	%100
49	M66	X	.06	.06	0	%100
50	M66	Z	.104	.104	0	%100
51	M68	X	.24	.24	0	%100
52	M68	Z	.416	.416	0	%100
53	M70	X	.06	.06	0	%100
54	M70	Z	.104	.104	0	%100
55	M72A	X	.55	.55	0	%100
56	M72A	Z	.953	.953	0	%100
57	M73A	X	.55	.55	0	%100
58	M73A	Z	.953	.953	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
59	M74A	X	0	0	0	%100
60	M74A	Z	0	0	0	%100
61	M75	X	0	0	0	%100
62	M75	Z	0	0	0	%100
63	M76	X	.55	.55	0	%100
64	M76	Z	.953	.953	0	%100
65	M77	X	.55	.55	0	%100
66	M77	Z	.953	.953	0	%100
67	MP5C	X	.254	.254	0	%100
68	MP5C	Z	.44	.44	0	%100
69	MP3C	X	.254	.254	0	%100
70	MP3C	Z	.44	.44	0	%100
71	GAMMA RRH 1	X	.254	.254	0	%100
72	GAMMA RRH 1	Z	.44	.44	0	%100
73	M23	X	.254	.254	0	%100
74	M23	Z	.44	.44	0	%100
75	MP3B	X	.254	.254	0	%100
76	MP3B	Z	.44	.44	0	%100
77	BETA RRH	X	.254	.254	0	%100
78	BETA RRH	Z	.44	.44	0	%100
79	M24	X	.254	.254	0	%100
80	M24	Z	.44	.44	0	%100
81	GAMMA RRH 2	X	.254	.254	0	%100
82	GAMMA RRH 2	Z	.44	.44	0	%100
83	MP2C	X	.254	.254	0	%100
84	MP2C	Z	.44	.44	0	%100
85	MP4C	X	.254	.254	0	%100
86	MP4C	Z	.44	.44	0	%100
87	MP1B	X	.254	.254	0	%100
88	MP1B	Z	.44	.44	0	%100
89	MP4B	X	.254	.254	0	%100
90	MP4B	Z	.44	.44	0	%100
91	M123	X	.19	.19	0	%100
92	M123	Z	.329	.329	0	%100
93	M124	X	.19	.19	0	%100
94	M124	Z	.329	.329	0	%100
95	MP1C	X	.254	.254	0	%100
96	MP1C	Z	.44	.44	0	%100
97	M141	X	.047	.047	0	%100
98	M141	Z	.082	.082	0	%100
99	M142	X	.047	.047	0	%100
100	M142	Z	.082	.082	0	%100
101	MP2B	X	.254	.254	0	%100
102	MP2B	Z	.44	.44	0	%100
103	M89	X	.16	.16	0	%100
104	M89	Z	.277	.277	0	%100
105	M90	X	.16	.16	0	%100
106	M90	Z	.277	.277	0	%100
107	M91	X	.04	.04	0	%100
108	M91	Z	.069	.069	0	%100
109	M92	X	.04	.04	0	%100
110	M92	Z	.069	.069	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
111	M93	X	.04	.04	0	%100
112	M93	Z	.069	.069	0	%100
113	M94	X	.04	.04	0	%100
114	M94	Z	.069	.069	0	%100
115	M95	X	.23	.23	0	%100
116	M95	Z	.399	.399	0	%100
117	M98	X	0	0	0	%100
118	M98	Z	0	0	0	%100
119	M101	X	.23	.23	0	%100
120	M101	Z	.399	.399	0	%100
121	M104	X	5e-6	5e-6	0	%100
122	M104	Z	8e-6	8e-6	0	%100
123	M105	X	.244	.244	0	%100
124	M105	Z	.423	.423	0	%100
125	M106	X	.246	.246	0	%100
126	M106	Z	.427	.427	0	%100
127	M120	X	.015	.015	0	%100
128	M120	Z	.026	.026	0	%100
129	M121	X	.11	.11	0	%100
130	M121	Z	.191	.191	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	MP4A	X	0	0	0	%100
2	MP4A	Z	.508	.508	0	%100
3	MP3A	X	0	0	0	%100
4	MP3A	Z	.508	.508	0	%100
5	MP2A	X	0	0	0	%100
6	MP2A	Z	.508	.508	0	%100
7	MP1A	X	0	0	0	%100
8	MP1A	Z	.508	.508	0	%100
9	M28	X	0	0	0	%100
10	M28	Z	1.372	1.372	0	%100
11	M31	X	0	0	0	%100
12	M31	Z	.343	.343	0	%100
13	M34	X	0	0	0	%100
14	M34	Z	.343	.343	0	%100
15	M37	X	0	0	0	%100
16	M37	Z	.08	.08	0	%100
17	M40	X	0	0	0	%100
18	M40	Z	.08	.08	0	%100
19	M43	X	0	0	0	%100
20	M43	Z	.02	.02	0	%100
21	M46	X	0	0	0	%100
22	M46	Z	.02	.02	0	%100
23	M49	X	0	0	0	%100
24	M49	Z	.02	.02	0	%100
25	M52	X	0	0	0	%100
26	M52	Z	.02	.02	0	%100
27	M55	X	0	0	0	%100
28	M55	Z	1.225	1.225	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
29	M56	X	0	0	0	%100
30	M56	Z	0	0	0	%100
31	M57	X	0	0	0	%100
32	M57	Z	.713	.713	0	%100
33	M58	X	0	0	0	%100
34	M58	Z	.713	.713	0	%100
35	M59	X	0	0	0	%100
36	M59	Z	0	0	0	%100
37	M60	X	0	0	0	%100
38	M60	Z	0	0	0	%100
39	M61	X	0	0	0	%100
40	M61	Z	0	0	0	%100
41	M62	X	0	0	0	%100
42	M62	Z	0	0	0	%100
43	M63	X	0	0	0	%100
44	M63	Z	0	0	0	%100
45	M64	X	0	0	0	%100
46	M64	Z	0	0	0	%100
47	M65	X	0	0	0	%100
48	M65	Z	0	0	0	%100
49	M66	X	0	0	0	%100
50	M66	Z	0	0	0	%100
51	M68	X	0	0	0	%100
52	M68	Z	.36	.36	0	%100
53	M70	X	0	0	0	%100
54	M70	Z	.36	.36	0	%100
55	M72A	X	0	0	0	%100
56	M72A	Z	1.467	1.467	0	%100
57	M73A	X	0	0	0	%100
58	M73A	Z	1.467	1.467	0	%100
59	M74A	X	0	0	0	%100
60	M74A	Z	.367	.367	0	%100
61	M75	X	0	0	0	%100
62	M75	Z	.367	.367	0	%100
63	M76	X	0	0	0	%100
64	M76	Z	.367	.367	0	%100
65	M77	X	0	0	0	%100
66	M77	Z	.367	.367	0	%100
67	MP5C	X	0	0	0	%100
68	MP5C	Z	.508	.508	0	%100
69	MP3C	X	0	0	0	%100
70	MP3C	Z	.508	.508	0	%100
71	GAMMA RRH 1	X	0	0	0	%100
72	GAMMA RRH 1	Z	.508	.508	0	%100
73	M23	X	0	0	0	%100
74	M23	Z	.508	.508	0	%100
75	MP3B	X	0	0	0	%100
76	MP3B	Z	.508	.508	0	%100
77	BETA RRH	X	0	0	0	%100
78	BETA RRH	Z	.508	.508	0	%100
79	M24	X	0	0	0	%100
80	M24	Z	.508	.508	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
81	GAMMA RRH 2	X	0	0	0	%100
82	GAMMA RRH 2	Z	.508	.508	0	%100
83	MP2C	X	0	0	0	%100
84	MP2C	Z	.508	.508	0	%100
85	MP4C	X	0	0	0	%100
86	MP4C	Z	.508	.508	0	%100
87	MP1B	X	0	0	0	%100
88	MP1B	Z	.508	.508	0	%100
89	MP4B	X	0	0	0	%100
90	MP4B	Z	.508	.508	0	%100
91	M123	X	0	0	0	%100
92	M123	Z	.285	.285	0	%100
93	M124	X	0	0	0	%100
94	M124	Z	.285	.285	0	%100
95	MP1C	X	0	0	0	%100
96	MP1C	Z	.508	.508	0	%100
97	M141	X	0	0	0	%100
98	M141	Z	.285	.285	0	%100
99	M142	X	0	0	0	%100
100	M142	Z	.285	.285	0	%100
101	MP2B	X	0	0	0	%100
102	MP2B	Z	.508	.508	0	%100
103	M89	X	0	0	0	%100
104	M89	Z	.24	.24	0	%100
105	M90	X	0	0	0	%100
106	M90	Z	.24	.24	0	%100
107	M91	X	0	0	0	%100
108	M91	Z	.24	.24	0	%100
109	M92	X	0	0	0	%100
110	M92	Z	.24	.24	0	%100
111	M93	X	0	0	0	%100
112	M93	Z	.24	.24	0	%100
113	M94	X	0	0	0	%100
114	M94	Z	.24	.24	0	%100
115	M95	X	0	0	0	%100
116	M95	Z	.615	.615	0	%100
117	M98	X	0	0	0	%100
118	M98	Z	.154	.154	0	%100
119	M101	X	0	0	0	%100
120	M101	Z	.154	.154	0	%100
121	M104	X	0	0	0	%100
122	M104	Z	.161	.161	0	%100
123	M105	X	0	0	0	%100
124	M105	Z	.654	.654	0	%100
125	M106	X	0	0	0	%100
126	M106	Z	.166	.166	0	%100
127	M120	X	0	0	0	%100
128	M120	Z	.03	.03	0	%100
129	M121	X	0	0	0	%100
130	M121	Z	.03	.03	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	MP4A	X	-.254	-.254	0	%100
2	MP4A	Z	.44	.44	0	%100
3	MP3A	X	-.254	-.254	0	%100
4	MP3A	Z	.44	.44	0	%100
5	MP2A	X	-.254	-.254	0	%100
6	MP2A	Z	.44	.44	0	%100
7	MP1A	X	-.254	-.254	0	%100
8	MP1A	Z	.44	.44	0	%100
9	M28	X	-.514	-.514	0	%100
10	M28	Z	.891	.891	0	%100
11	M31	X	-.514	-.514	0	%100
12	M31	Z	.891	.891	0	%100
13	M34	X	0	0	0	%100
14	M34	Z	0	0	0	%100
15	M37	X	-.03	-.03	0	%100
16	M37	Z	.052	.052	0	%100
17	M40	X	-.03	-.03	0	%100
18	M40	Z	.052	.052	0	%100
19	M43	X	-.03	-.03	0	%100
20	M43	Z	.052	.052	0	%100
21	M46	X	-.03	-.03	0	%100
22	M46	Z	.052	.052	0	%100
23	M49	X	0	0	0	%100
24	M49	Z	0	0	0	%100
25	M52	X	0	0	0	%100
26	M52	Z	0	0	0	%100
27	M55	X	-.46	-.46	0	%100
28	M55	Z	.796	.796	0	%100
29	M56	X	-.145	-.145	0	%100
30	M56	Z	.251	.251	0	%100
31	M57	X	-.356	-.356	0	%100
32	M57	Z	.617	.617	0	%100
33	M58	X	-.356	-.356	0	%100
34	M58	Z	.617	.617	0	%100
35	M59	X	-.018	-.018	0	%100
36	M59	Z	.031	.031	0	%100
37	M60	X	-.018	-.018	0	%100
38	M60	Z	.031	.031	0	%100
39	M61	X	-.018	-.018	0	%100
40	M61	Z	.031	.031	0	%100
41	M62	X	-.018	-.018	0	%100
42	M62	Z	.031	.031	0	%100
43	M63	X	-.018	-.018	0	%100
44	M63	Z	.031	.031	0	%100
45	M64	X	-.018	-.018	0	%100
46	M64	Z	.031	.031	0	%100
47	M65	X	-.018	-.018	0	%100
48	M65	Z	.031	.031	0	%100
49	M66	X	-.06	-.06	0	%100
50	M66	Z	.104	.104	0	%100
51	M68	X	-.06	-.06	0	%100
52	M68	Z	.104	.104	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
53	M70	X	-.24	-.24	0	%100
54	M70	Z	.416	.416	0	%100
55	M72A	X	-.55	-.55	0	%100
56	M72A	Z	.953	.953	0	%100
57	M73A	X	-.55	-.55	0	%100
58	M73A	Z	.953	.953	0	%100
59	M74A	X	-.55	-.55	0	%100
60	M74A	Z	.953	.953	0	%100
61	M75	X	-.55	-.55	0	%100
62	M75	Z	.953	.953	0	%100
63	M76	X	0	0	0	%100
64	M76	Z	0	0	0	%100
65	M77	X	0	0	0	%100
66	M77	Z	0	0	0	%100
67	MP5C	X	-.254	-.254	0	%100
68	MP5C	Z	.44	.44	0	%100
69	MP3C	X	-.254	-.254	0	%100
70	MP3C	Z	.44	.44	0	%100
71	GAMMA RRH 1	X	-.254	-.254	0	%100
72	GAMMA RRH 1	Z	.44	.44	0	%100
73	M23	X	-.254	-.254	0	%100
74	M23	Z	.44	.44	0	%100
75	MP3B	X	-.254	-.254	0	%100
76	MP3B	Z	.44	.44	0	%100
77	BETA RRH	X	-.254	-.254	0	%100
78	BETA RRH	Z	.44	.44	0	%100
79	M24	X	-.254	-.254	0	%100
80	M24	Z	.44	.44	0	%100
81	GAMMA RRH 2	X	-.254	-.254	0	%100
82	GAMMA RRH 2	Z	.44	.44	0	%100
83	MP2C	X	-.254	-.254	0	%100
84	MP2C	Z	.44	.44	0	%100
85	MP4C	X	-.254	-.254	0	%100
86	MP4C	Z	.44	.44	0	%100
87	MP1B	X	-.254	-.254	0	%100
88	MP1B	Z	.44	.44	0	%100
89	MP4B	X	-.254	-.254	0	%100
90	MP4B	Z	.44	.44	0	%100
91	M123	X	-.047	-.047	0	%100
92	M123	Z	.082	.082	0	%100
93	M124	X	-.047	-.047	0	%100
94	M124	Z	.082	.082	0	%100
95	MP1C	X	-.254	-.254	0	%100
96	MP1C	Z	.44	.44	0	%100
97	M141	X	-.19	-.19	0	%100
98	M141	Z	.329	.329	0	%100
99	M142	X	-.19	-.19	0	%100
100	M142	Z	.329	.329	0	%100
101	MP2B	X	-.254	-.254	0	%100
102	MP2B	Z	.44	.44	0	%100
103	M89	X	-.04	-.04	0	%100
104	M89	Z	.069	.069	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
105	M90	X	-.04	-.04	0	%100
106	M90	Z	.069	.069	0	%100
107	M91	X	-.16	-.16	0	%100
108	M91	Z	.277	.277	0	%100
109	M92	X	-.16	-.16	0	%100
110	M92	Z	.277	.277	0	%100
111	M93	X	-.16	-.16	0	%100
112	M93	Z	.277	.277	0	%100
113	M94	X	-.16	-.16	0	%100
114	M94	Z	.277	.277	0	%100
115	M95	X	-.23	-.23	0	%100
116	M95	Z	.399	.399	0	%100
117	M98	X	-.23	-.23	0	%100
118	M98	Z	.399	.399	0	%100
119	M101	X	0	0	0	%100
120	M101	Z	0	0	0	%100
121	M104	X	-.244	-.244	0	%100
122	M104	Z	.423	.423	0	%100
123	M105	X	-.246	-.246	0	%100
124	M105	Z	.427	.427	0	%100
125	M106	X	-5e-6	-5e-6	0	%100
126	M106	Z	8e-6	8e-6	0	%100
127	M120	X	-.11	-.11	0	%100
128	M120	Z	.191	.191	0	%100
129	M121	X	-.015	-.015	0	%100
130	M121	Z	.026	.026	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	MP4A	X	-.44	-.44	0	%100
2	MP4A	Z	.254	.254	0	%100
3	MP3A	X	-.44	-.44	0	%100
4	MP3A	Z	.254	.254	0	%100
5	MP2A	X	-.44	-.44	0	%100
6	MP2A	Z	.254	.254	0	%100
7	MP1A	X	-.44	-.44	0	%100
8	MP1A	Z	.254	.254	0	%100
9	M28	X	-.297	-.297	0	%100
10	M28	Z	.171	.171	0	%100
11	M31	X	-1.188	-1.188	0	%100
12	M31	Z	.686	.686	0	%100
13	M34	X	-.297	-.297	0	%100
14	M34	Z	.171	.171	0	%100
15	M37	X	-.017	-.017	0	%100
16	M37	Z	.01	.01	0	%100
17	M40	X	-.017	-.017	0	%100
18	M40	Z	.01	.01	0	%100
19	M43	X	-.069	-.069	0	%100
20	M43	Z	.04	.04	0	%100
21	M46	X	-.069	-.069	0	%100
22	M46	Z	.04	.04	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
23	M49	X	-.017	-.017	0	%100
24	M49	Z	.01	.01	0	%100
25	M52	X	-.017	-.017	0	%100
26	M52	Z	.01	.01	0	%100
27	M55	X	-.265	-.265	0	%100
28	M55	Z	.153	.153	0	%100
29	M56	X	-.753	-.753	0	%100
30	M56	Z	.435	.435	0	%100
31	M57	X	-.617	-.617	0	%100
32	M57	Z	.356	.356	0	%100
33	M58	X	-.617	-.617	0	%100
34	M58	Z	.356	.356	0	%100
35	M59	X	-.092	-.092	0	%100
36	M59	Z	.053	.053	0	%100
37	M60	X	-.092	-.092	0	%100
38	M60	Z	.053	.053	0	%100
39	M61	X	-.092	-.092	0	%100
40	M61	Z	.053	.053	0	%100
41	M62	X	-.092	-.092	0	%100
42	M62	Z	.053	.053	0	%100
43	M63	X	-.092	-.092	0	%100
44	M63	Z	.053	.053	0	%100
45	M64	X	-.092	-.092	0	%100
46	M64	Z	.053	.053	0	%100
47	M65	X	-.092	-.092	0	%100
48	M65	Z	.053	.053	0	%100
49	M66	X	-.312	-.312	0	%100
50	M66	Z	.18	.18	0	%100
51	M68	X	0	0	0	%100
52	M68	Z	0	0	0	%100
53	M70	X	-.312	-.312	0	%100
54	M70	Z	.18	.18	0	%100
55	M72A	X	-.318	-.318	0	%100
56	M72A	Z	.183	.183	0	%100
57	M73A	X	-.318	-.318	0	%100
58	M73A	Z	.183	.183	0	%100
59	M74A	X	-1.27	-1.27	0	%100
60	M74A	Z	.733	.733	0	%100
61	M75	X	-1.27	-1.27	0	%100
62	M75	Z	.733	.733	0	%100
63	M76	X	-.318	-.318	0	%100
64	M76	Z	.183	.183	0	%100
65	M77	X	-.318	-.318	0	%100
66	M77	Z	.183	.183	0	%100
67	MP5C	X	-.44	-.44	0	%100
68	MP5C	Z	.254	.254	0	%100
69	MP3C	X	-.44	-.44	0	%100
70	MP3C	Z	.254	.254	0	%100
71	GAMMA RRH 1	X	-.44	-.44	0	%100
72	GAMMA RRH 1	Z	.254	.254	0	%100
73	M23	X	-.44	-.44	0	%100
74	M23	Z	.254	.254	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
75	MP3B	X	-.44	-.44	0	%100
76	MP3B	Z	.254	.254	0	%100
77	BETA RRH	X	-.44	-.44	0	%100
78	BETA RRH	Z	.254	.254	0	%100
79	M24	X	-.44	-.44	0	%100
80	M24	Z	.254	.254	0	%100
81	GAMMA RRH 2	X	-.44	-.44	0	%100
82	GAMMA RRH 2	Z	.254	.254	0	%100
83	MP2C	X	-.44	-.44	0	%100
84	MP2C	Z	.254	.254	0	%100
85	MP4C	X	-.44	-.44	0	%100
86	MP4C	Z	.254	.254	0	%100
87	MP1B	X	-.44	-.44	0	%100
88	MP1B	Z	.254	.254	0	%100
89	MP4B	X	-.44	-.44	0	%100
90	MP4B	Z	.254	.254	0	%100
91	M123	X	0	0	0	%100
92	M123	Z	0	0	0	%100
93	M124	X	0	0	0	%100
94	M124	Z	0	0	0	%100
95	MP1C	X	-.44	-.44	0	%100
96	MP1C	Z	.254	.254	0	%100
97	M141	X	-.246	-.246	0	%100
98	M141	Z	.142	.142	0	%100
99	M142	X	-.246	-.246	0	%100
100	M142	Z	.142	.142	0	%100
101	MP2B	X	-.44	-.44	0	%100
102	MP2B	Z	.254	.254	0	%100
103	M89	X	0	0	0	%100
104	M89	Z	0	0	0	%100
105	M90	X	0	0	0	%100
106	M90	Z	0	0	0	%100
107	M91	X	-.208	-.208	0	%100
108	M91	Z	.12	.12	0	%100
109	M92	X	-.208	-.208	0	%100
110	M92	Z	.12	.12	0	%100
111	M93	X	-.208	-.208	0	%100
112	M93	Z	.12	.12	0	%100
113	M94	X	-.208	-.208	0	%100
114	M94	Z	.12	.12	0	%100
115	M95	X	-.133	-.133	0	%100
116	M95	Z	.077	.077	0	%100
117	M98	X	-.532	-.532	0	%100
118	M98	Z	.307	.307	0	%100
119	M101	X	-.133	-.133	0	%100
120	M101	Z	.077	.077	0	%100
121	M104	X	-.566	-.566	0	%100
122	M104	Z	.327	.327	0	%100
123	M105	X	-.143	-.143	0	%100
124	M105	Z	.083	.083	0	%100
125	M106	X	-.14	-.14	0	%100
126	M106	Z	.081	.081	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
127	M120	X	-.356	-.356	0	%100
128	M120	Z	.206	.206	0	%100
129	M121	X	-.191	-.191	0	%100
130	M121	Z	.11	.11	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	MP4A	X	-.508	-.508	0	%100
2	MP4A	Z	0	0	0	%100
3	MP3A	X	-.508	-.508	0	%100
4	MP3A	Z	0	0	0	%100
5	MP2A	X	-.508	-.508	0	%100
6	MP2A	Z	0	0	0	%100
7	MP1A	X	-.508	-.508	0	%100
8	MP1A	Z	0	0	0	%100
9	M28	X	0	0	0	%100
10	M28	Z	0	0	0	%100
11	M31	X	-1.029	-1.029	0	%100
12	M31	Z	0	0	0	%100
13	M34	X	-1.029	-1.029	0	%100
14	M34	Z	0	0	0	%100
15	M37	X	0	0	0	%100
16	M37	Z	0	0	0	%100
17	M40	X	0	0	0	%100
18	M40	Z	0	0	0	%100
19	M43	X	-.06	-.06	0	%100
20	M43	Z	0	0	0	%100
21	M46	X	-.06	-.06	0	%100
22	M46	Z	0	0	0	%100
23	M49	X	-.06	-.06	0	%100
24	M49	Z	0	0	0	%100
25	M52	X	-.06	-.06	0	%100
26	M52	Z	0	0	0	%100
27	M55	X	0	0	0	%100
28	M55	Z	0	0	0	%100
29	M56	X	-1.16	-1.16	0	%100
30	M56	Z	0	0	0	%100
31	M57	X	-.713	-.713	0	%100
32	M57	Z	0	0	0	%100
33	M58	X	-.713	-.713	0	%100
34	M58	Z	0	0	0	%100
35	M59	X	-.142	-.142	0	%100
36	M59	Z	0	0	0	%100
37	M60	X	-.142	-.142	0	%100
38	M60	Z	0	0	0	%100
39	M61	X	-.142	-.142	0	%100
40	M61	Z	0	0	0	%100
41	M62	X	-.142	-.142	0	%100
42	M62	Z	0	0	0	%100
43	M63	X	-.142	-.142	0	%100
44	M63	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
45	M64	X	-.142	-.142	0	%100
46	M64	Z	0	0	0	%100
47	M65	X	-.142	-.142	0	%100
48	M65	Z	0	0	0	%100
49	M66	X	-.48	-.48	0	%100
50	M66	Z	0	0	0	%100
51	M68	X	-.12	-.12	0	%100
52	M68	Z	0	0	0	%100
53	M70	X	-.12	-.12	0	%100
54	M70	Z	0	0	0	%100
55	M72A	X	0	0	0	%100
56	M72A	Z	0	0	0	%100
57	M73A	X	0	0	0	%100
58	M73A	Z	0	0	0	%100
59	M74A	X	-1.1	-1.1	0	%100
60	M74A	Z	0	0	0	%100
61	M75	X	-1.1	-1.1	0	%100
62	M75	Z	0	0	0	%100
63	M76	X	-1.1	-1.1	0	%100
64	M76	Z	0	0	0	%100
65	M77	X	-1.1	-1.1	0	%100
66	M77	Z	0	0	0	%100
67	MP5C	X	-.508	-.508	0	%100
68	MP5C	Z	0	0	0	%100
69	MP3C	X	-.508	-.508	0	%100
70	MP3C	Z	0	0	0	%100
71	GAMMA RRH 1	X	-.508	-.508	0	%100
72	GAMMA RRH 1	Z	0	0	0	%100
73	M23	X	-.508	-.508	0	%100
74	M23	Z	0	0	0	%100
75	MP3B	X	-.508	-.508	0	%100
76	MP3B	Z	0	0	0	%100
77	BETA RRH	X	-.508	-.508	0	%100
78	BETA RRH	Z	0	0	0	%100
79	M24	X	-.508	-.508	0	%100
80	M24	Z	0	0	0	%100
81	GAMMA RRH 2	X	-.508	-.508	0	%100
82	GAMMA RRH 2	Z	0	0	0	%100
83	MP2C	X	-.508	-.508	0	%100
84	MP2C	Z	0	0	0	%100
85	MP4C	X	-.508	-.508	0	%100
86	MP4C	Z	0	0	0	%100
87	MP1B	X	-.508	-.508	0	%100
88	MP1B	Z	0	0	0	%100
89	MP4B	X	-.508	-.508	0	%100
90	MP4B	Z	0	0	0	%100
91	M123	X	-.095	-.095	0	%100
92	M123	Z	0	0	0	%100
93	M124	X	-.095	-.095	0	%100
94	M124	Z	0	0	0	%100
95	MP1C	X	-.508	-.508	0	%100
96	MP1C	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
97	M141	X	-.095	-.095	0	%100
98	M141	Z	0	0	0	%100
99	M142	X	-.095	-.095	0	%100
100	M142	Z	0	0	0	%100
101	MP2B	X	-.508	-.508	0	%100
102	MP2B	Z	0	0	0	%100
103	M89	X	-.08	-.08	0	%100
104	M89	Z	0	0	0	%100
105	M90	X	-.08	-.08	0	%100
106	M90	Z	0	0	0	%100
107	M91	X	-.08	-.08	0	%100
108	M91	Z	0	0	0	%100
109	M92	X	-.08	-.08	0	%100
110	M92	Z	0	0	0	%100
111	M93	X	-.08	-.08	0	%100
112	M93	Z	0	0	0	%100
113	M94	X	-.08	-.08	0	%100
114	M94	Z	0	0	0	%100
115	M95	X	0	0	0	%100
116	M95	Z	0	0	0	%100
117	M98	X	-.461	-.461	0	%100
118	M98	Z	0	0	0	%100
119	M101	X	-.461	-.461	0	%100
120	M101	Z	0	0	0	%100
121	M104	X	-.493	-.493	0	%100
122	M104	Z	0	0	0	%100
123	M105	X	-9e-6	-9e-6	0	%100
124	M105	Z	0	0	0	%100
125	M106	X	-.488	-.488	0	%100
126	M106	Z	0	0	0	%100
127	M120	X	-.411	-.411	0	%100
128	M120	Z	0	0	0	%100
129	M121	X	-.411	-.411	0	%100
130	M121	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	MP4A	X	-.44	-.44	0	%100
2	MP4A	Z	-.254	-.254	0	%100
3	MP3A	X	-.44	-.44	0	%100
4	MP3A	Z	-.254	-.254	0	%100
5	MP2A	X	-.44	-.44	0	%100
6	MP2A	Z	-.254	-.254	0	%100
7	MP1A	X	-.44	-.44	0	%100
8	MP1A	Z	-.254	-.254	0	%100
9	M28	X	-.297	-.297	0	%100
10	M28	Z	-.171	-.171	0	%100
11	M31	X	-.297	-.297	0	%100
12	M31	Z	-.171	-.171	0	%100
13	M34	X	-1.188	-1.188	0	%100
14	M34	Z	-.686	-.686	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
15	M37	X	-.017	-.017	0	%100
16	M37	Z	-.01	-.01	0	%100
17	M40	X	-.017	-.017	0	%100
18	M40	Z	-.01	-.01	0	%100
19	M43	X	-.017	-.017	0	%100
20	M43	Z	-.01	-.01	0	%100
21	M46	X	-.017	-.017	0	%100
22	M46	Z	-.01	-.01	0	%100
23	M49	X	-.069	-.069	0	%100
24	M49	Z	-.04	-.04	0	%100
25	M52	X	-.069	-.069	0	%100
26	M52	Z	-.04	-.04	0	%100
27	M55	X	-.265	-.265	0	%100
28	M55	Z	-.153	-.153	0	%100
29	M56	X	-.753	-.753	0	%100
30	M56	Z	-.435	-.435	0	%100
31	M57	X	-.617	-.617	0	%100
32	M57	Z	-.356	-.356	0	%100
33	M58	X	-.617	-.617	0	%100
34	M58	Z	-.356	-.356	0	%100
35	M59	X	-.092	-.092	0	%100
36	M59	Z	-.053	-.053	0	%100
37	M60	X	-.092	-.092	0	%100
38	M60	Z	-.053	-.053	0	%100
39	M61	X	-.092	-.092	0	%100
40	M61	Z	-.053	-.053	0	%100
41	M62	X	-.092	-.092	0	%100
42	M62	Z	-.053	-.053	0	%100
43	M63	X	-.092	-.092	0	%100
44	M63	Z	-.053	-.053	0	%100
45	M64	X	-.092	-.092	0	%100
46	M64	Z	-.053	-.053	0	%100
47	M65	X	-.092	-.092	0	%100
48	M65	Z	-.053	-.053	0	%100
49	M66	X	-.312	-.312	0	%100
50	M66	Z	-.18	-.18	0	%100
51	M68	X	-.312	-.312	0	%100
52	M68	Z	-.18	-.18	0	%100
53	M70	X	0	0	0	%100
54	M70	Z	0	0	0	%100
55	M72A	X	-.318	-.318	0	%100
56	M72A	Z	-.183	-.183	0	%100
57	M73A	X	-.318	-.318	0	%100
58	M73A	Z	-.183	-.183	0	%100
59	M74A	X	-.318	-.318	0	%100
60	M74A	Z	-.183	-.183	0	%100
61	M75	X	-.318	-.318	0	%100
62	M75	Z	-.183	-.183	0	%100
63	M76	X	-1.27	-1.27	0	%100
64	M76	Z	-.733	-.733	0	%100
65	M77	X	-1.27	-1.27	0	%100
66	M77	Z	-.733	-.733	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
67	MP5C	X	-.44	-.44	0	%100
68	MP5C	Z	-.254	-.254	0	%100
69	MP3C	X	-.44	-.44	0	%100
70	MP3C	Z	-.254	-.254	0	%100
71	GAMMA RRH 1	X	-.44	-.44	0	%100
72	GAMMA RRH 1	Z	-.254	-.254	0	%100
73	M23	X	-.44	-.44	0	%100
74	M23	Z	-.254	-.254	0	%100
75	MP3B	X	-.44	-.44	0	%100
76	MP3B	Z	-.254	-.254	0	%100
77	BETA RRH	X	-.44	-.44	0	%100
78	BETA RRH	Z	-.254	-.254	0	%100
79	M24	X	-.44	-.44	0	%100
80	M24	Z	-.254	-.254	0	%100
81	GAMMA RRH 2	X	-.44	-.44	0	%100
82	GAMMA RRH 2	Z	-.254	-.254	0	%100
83	MP2C	X	-.44	-.44	0	%100
84	MP2C	Z	-.254	-.254	0	%100
85	MP4C	X	-.44	-.44	0	%100
86	MP4C	Z	-.254	-.254	0	%100
87	MP1B	X	-.44	-.44	0	%100
88	MP1B	Z	-.254	-.254	0	%100
89	MP4B	X	-.44	-.44	0	%100
90	MP4B	Z	-.254	-.254	0	%100
91	M123	X	-.246	-.246	0	%100
92	M123	Z	-.142	-.142	0	%100
93	M124	X	-.246	-.246	0	%100
94	M124	Z	-.142	-.142	0	%100
95	MP1C	X	-.44	-.44	0	%100
96	MP1C	Z	-.254	-.254	0	%100
97	M141	X	0	0	0	%100
98	M141	Z	0	0	0	%100
99	M142	X	0	0	0	%100
100	M142	Z	0	0	0	%100
101	MP2B	X	-.44	-.44	0	%100
102	MP2B	Z	-.254	-.254	0	%100
103	M89	X	-.208	-.208	0	%100
104	M89	Z	-.12	-.12	0	%100
105	M90	X	-.208	-.208	0	%100
106	M90	Z	-.12	-.12	0	%100
107	M91	X	0	0	0	%100
108	M91	Z	0	0	0	%100
109	M92	X	0	0	0	%100
110	M92	Z	0	0	0	%100
111	M93	X	0	0	0	%100
112	M93	Z	0	0	0	%100
113	M94	X	0	0	0	%100
114	M94	Z	0	0	0	%100
115	M95	X	-.133	-.133	0	%100
116	M95	Z	-.077	-.077	0	%100
117	M98	X	-.133	-.133	0	%100
118	M98	Z	-.077	-.077	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
119	M101	X	-.532	-.532	0	%100
120	M101	Z	-.307	-.307	0	%100
121	M104	X	-.143	-.143	0	%100
122	M104	Z	-.083	-.083	0	%100
123	M105	X	-.14	-.14	0	%100
124	M105	Z	-.081	-.081	0	%100
125	M106	X	-.566	-.566	0	%100
126	M106	Z	-.327	-.327	0	%100
127	M120	X	-.191	-.191	0	%100
128	M120	Z	-.11	-.11	0	%100
129	M121	X	-.356	-.356	0	%100
130	M121	Z	-.206	-.206	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	MP4A	X	-.254	-.254	0	%100
2	MP4A	Z	-.44	-.44	0	%100
3	MP3A	X	-.254	-.254	0	%100
4	MP3A	Z	-.44	-.44	0	%100
5	MP2A	X	-.254	-.254	0	%100
6	MP2A	Z	-.44	-.44	0	%100
7	MP1A	X	-.254	-.254	0	%100
8	MP1A	Z	-.44	-.44	0	%100
9	M28	X	-.514	-.514	0	%100
10	M28	Z	-.891	-.891	0	%100
11	M31	X	0	0	0	%100
12	M31	Z	0	0	0	%100
13	M34	X	-.514	-.514	0	%100
14	M34	Z	-.891	-.891	0	%100
15	M37	X	-.03	-.03	0	%100
16	M37	Z	-.052	-.052	0	%100
17	M40	X	-.03	-.03	0	%100
18	M40	Z	-.052	-.052	0	%100
19	M43	X	0	0	0	%100
20	M43	Z	0	0	0	%100
21	M46	X	0	0	0	%100
22	M46	Z	0	0	0	%100
23	M49	X	-.03	-.03	0	%100
24	M49	Z	-.052	-.052	0	%100
25	M52	X	-.03	-.03	0	%100
26	M52	Z	-.052	-.052	0	%100
27	M55	X	-.46	-.46	0	%100
28	M55	Z	-.796	-.796	0	%100
29	M56	X	-.145	-.145	0	%100
30	M56	Z	-.251	-.251	0	%100
31	M57	X	-.356	-.356	0	%100
32	M57	Z	-.617	-.617	0	%100
33	M58	X	-.356	-.356	0	%100
34	M58	Z	-.617	-.617	0	%100
35	M59	X	-.018	-.018	0	%100
36	M59	Z	-.031	-.031	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
37	M60	X	-.018	-.018	0	%100
38	M60	Z	-.031	-.031	0	%100
39	M61	X	-.018	-.018	0	%100
40	M61	Z	-.031	-.031	0	%100
41	M62	X	-.018	-.018	0	%100
42	M62	Z	-.031	-.031	0	%100
43	M63	X	-.018	-.018	0	%100
44	M63	Z	-.031	-.031	0	%100
45	M64	X	-.018	-.018	0	%100
46	M64	Z	-.031	-.031	0	%100
47	M65	X	-.018	-.018	0	%100
48	M65	Z	-.031	-.031	0	%100
49	M66	X	-.06	-.06	0	%100
50	M66	Z	-.104	-.104	0	%100
51	M68	X	-.24	-.24	0	%100
52	M68	Z	-.416	-.416	0	%100
53	M70	X	-.06	-.06	0	%100
54	M70	Z	-.104	-.104	0	%100
55	M72A	X	-.55	-.55	0	%100
56	M72A	Z	-.953	-.953	0	%100
57	M73A	X	-.55	-.55	0	%100
58	M73A	Z	-.953	-.953	0	%100
59	M74A	X	0	0	0	%100
60	M74A	Z	0	0	0	%100
61	M75	X	0	0	0	%100
62	M75	Z	0	0	0	%100
63	M76	X	-.55	-.55	0	%100
64	M76	Z	-.953	-.953	0	%100
65	M77	X	-.55	-.55	0	%100
66	M77	Z	-.953	-.953	0	%100
67	MP5C	X	-.254	-.254	0	%100
68	MP5C	Z	-.44	-.44	0	%100
69	MP3C	X	-.254	-.254	0	%100
70	MP3C	Z	-.44	-.44	0	%100
71	GAMMA RRH 1	X	-.254	-.254	0	%100
72	GAMMA RRH 1	Z	-.44	-.44	0	%100
73	M23	X	-.254	-.254	0	%100
74	M23	Z	-.44	-.44	0	%100
75	MP3B	X	-.254	-.254	0	%100
76	MP3B	Z	-.44	-.44	0	%100
77	BETA RRH	X	-.254	-.254	0	%100
78	BETA RRH	Z	-.44	-.44	0	%100
79	M24	X	-.254	-.254	0	%100
80	M24	Z	-.44	-.44	0	%100
81	GAMMA RRH 2	X	-.254	-.254	0	%100
82	GAMMA RRH 2	Z	-.44	-.44	0	%100
83	MP2C	X	-.254	-.254	0	%100
84	MP2C	Z	-.44	-.44	0	%100
85	MP4C	X	-.254	-.254	0	%100
86	MP4C	Z	-.44	-.44	0	%100
87	MP1B	X	-.254	-.254	0	%100
88	MP1B	Z	-.44	-.44	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
89	MP4B	X	-.254	-.254	0	%100
90	MP4B	Z	-.44	-.44	0	%100
91	M123	X	-.19	-.19	0	%100
92	M123	Z	-.329	-.329	0	%100
93	M124	X	-.19	-.19	0	%100
94	M124	Z	-.329	-.329	0	%100
95	MP1C	X	-.254	-.254	0	%100
96	MP1C	Z	-.44	-.44	0	%100
97	M141	X	-.047	-.047	0	%100
98	M141	Z	-.082	-.082	0	%100
99	M142	X	-.047	-.047	0	%100
100	M142	Z	-.082	-.082	0	%100
101	MP2B	X	-.254	-.254	0	%100
102	MP2B	Z	-.44	-.44	0	%100
103	M89	X	-.16	-.16	0	%100
104	M89	Z	-.277	-.277	0	%100
105	M90	X	-.16	-.16	0	%100
106	M90	Z	-.277	-.277	0	%100
107	M91	X	-.04	-.04	0	%100
108	M91	Z	-.069	-.069	0	%100
109	M92	X	-.04	-.04	0	%100
110	M92	Z	-.069	-.069	0	%100
111	M93	X	-.04	-.04	0	%100
112	M93	Z	-.069	-.069	0	%100
113	M94	X	-.04	-.04	0	%100
114	M94	Z	-.069	-.069	0	%100
115	M95	X	-.23	-.23	0	%100
116	M95	Z	-.399	-.399	0	%100
117	M98	X	0	0	0	%100
118	M98	Z	0	0	0	%100
119	M101	X	-.23	-.23	0	%100
120	M101	Z	-.399	-.399	0	%100
121	M104	X	-5e-6	-5e-6	0	%100
122	M104	Z	-8e-6	-8e-6	0	%100
123	M105	X	-.244	-.244	0	%100
124	M105	Z	-.423	-.423	0	%100
125	M106	X	-.246	-.246	0	%100
126	M106	Z	-.427	-.427	0	%100
127	M120	X	-.015	-.015	0	%100
128	M120	Z	-.026	-.026	0	%100
129	M121	X	-.11	-.11	0	%100
130	M121	Z	-.191	-.191	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M5	Y	-4.673	-4.673	0	.25
2	M31	Y	-.439	-3.795	0	.933
3	M31	Y	-3.795	-5.305	.933	1.867
4	M31	Y	-5.305	-5.008	1.867	2.8
5	M31	Y	-5.008	-3.525	2.8	3.733
6	M31	Y	-3.525	-.815	3.733	4.667

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
7	M32	Y	-.299	-.299	.019	.146
8	M33	Y	-.299	-.299	.019	.146
9	M72A	Y	-.158	-2.783	0	1.08
10	M72A	Y	-2.783	-4.748	1.08	2.16
11	M72A	Y	-4.748	-4.727	2.16	3.24
12	M72A	Y	-4.727	-2.598	3.24	4.32
13	M72A	Y	-2.598	-.158	4.32	5.4
14	M77	Y	-.194	-2.608	.6	1.68
15	M77	Y	-2.608	-5.632	1.68	2.76
16	M77	Y	-5.632	-6.505	2.76	3.84
17	M77	Y	-6.505	-3.789	3.84	4.92
18	M77	Y	-3.789	-.194	4.92	6
19	M34	Y	-.656	-3.838	0	.933
20	M34	Y	-3.838	-5.272	.933	1.867
21	M34	Y	-5.272	-4.979	1.867	2.8
22	M34	Y	-4.979	-3.557	2.8	3.733
23	M34	Y	-3.557	-.987	3.733	4.667
24	M35	Y	-.301	-.301	.019	.146
25	M36	Y	-.301	-.301	.019	.146
26	M73A	Y	-.204	-2.569	.6	1.68
27	M73A	Y	-2.569	-5.546	1.68	2.76
28	M73A	Y	-5.546	-6.515	2.76	3.84
29	M73A	Y	-6.515	-3.802	3.84	4.92
30	M73A	Y	-3.802	-.204	4.92	6
31	M74A	Y	-.132	-2.762	0	1.08
32	M74A	Y	-2.762	-5.268	1.08	2.16
33	M74A	Y	-5.268	-5.236	2.16	3.24
34	M74A	Y	-5.236	-2.431	3.24	4.32
35	M74A	Y	-2.431	-.132	4.32	5.4
36	M67A	Y	-.749	-.749	0	.25
37	M28	Y	-2.799	-1.712	0	.233
38	M28	Y	-1.712	-.55	.233	.467
39	M28	Y	-.55	.068	.467	.7
40	M28	Y	.068	.068	.7	.933
41	M29	Y	-2.983	-2.983	.087	.128
42	M31	Y	.068	.068	3.733	3.967
43	M31	Y	.068	-.551	3.967	4.2
44	M31	Y	-.551	-1.713	4.2	4.433
45	M31	Y	-1.713	-2.801	4.433	4.667
46	M33	Y	-2.95	-2.95	.086	.128
47	M76	Y	-.087	-.087	4.2	4.56
48	M76	Y	-.087	-.486	4.56	4.92
49	M76	Y	-.486	-2.494	4.92	5.28
50	M76	Y	-2.494	-3.229	5.28	5.64
51	M76	Y	-3.229	-1.479	5.64	6
52	M77	Y	-1.479	-3.228	0	.36
53	M77	Y	-3.228	-2.493	.36	.72
54	M77	Y	-2.493	-.485	.72	1.08
55	M77	Y	-.485	-.087	1.08	1.44
56	M77	Y	-.087	-.087	1.44	1.8
57	M28	Y	.068	.068	3.733	3.967
58	M28	Y	.068	-.55	3.967	4.2

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
59	M28	Y	-.55	-1.712	4.2	4.433
60	M28	Y	-1.712	-2.799	4.433	4.667
61	M30	Y	-2.983	-2.983	.087	.128
62	M34	Y	-2.801	-1.713	0	.233
63	M34	Y	-1.713	-.551	.233	.467
64	M34	Y	-.551	.068	.467	.7
65	M34	Y	.068	.068	.7	.933
66	M35	Y	-2.95	-2.95	.086	.128
67	M74A	Y	-.087	-.087	4.2	4.56
68	M74A	Y	-.087	-.485	4.56	4.92
69	M74A	Y	-.485	-2.493	4.92	5.28
70	M74A	Y	-2.493	-3.228	5.28	5.64
71	M74A	Y	-3.228	-1.479	5.64	6
72	M75	Y	-1.479	-3.229	0	.36
73	M75	Y	-3.229	-2.494	.36	.72
74	M75	Y	-2.494	-.486	.72	1.08
75	M75	Y	-.486	-.087	1.08	1.44
76	M75	Y	-.087	-.087	1.44	1.8
77	M31	Y	-2.801	-1.713	0	.233
78	M31	Y	-1.713	-.551	.233	.467
79	M31	Y	-.551	.068	.467	.7
80	M31	Y	.068	.068	.7	.933
81	M32	Y	-2.95	-2.95	.086	.128
82	M34	Y	.068	.068	3.733	3.967
83	M34	Y	.068	-.55	3.967	4.2
84	M34	Y	-.55	-1.712	4.2	4.433
85	M34	Y	-1.712	-2.799	4.433	4.667
86	M36	Y	-2.983	-2.983	.087	.128
87	M72A	Y	-.087	-.087	4.2	4.56
88	M72A	Y	-.087	-.485	4.56	4.92
89	M72A	Y	-.485	-2.493	4.92	5.28
90	M72A	Y	-2.493	-3.228	5.28	5.64
91	M72A	Y	-3.228	-1.479	5.64	6
92	M73A	Y	-1.479	-3.229	0	.36
93	M73A	Y	-3.229	-2.494	.36	.72
94	M73A	Y	-2.494	-.486	.72	1.08
95	M73A	Y	-.486	-.087	1.08	1.44
96	M73A	Y	-.087	-.087	1.44	1.8
97	M28	Y	-.107	-3.655	1.4	2.053
98	M28	Y	-3.655	-6.032	2.053	2.707
99	M28	Y	-6.032	-4.141	2.707	3.36
100	M28	Y	-4.141	-2.353	3.36	4.013
101	M28	Y	-2.353	-.216	4.013	4.667
102	M30	Y	-.317	-.317	.02	.146
103	M55	Y	-2.652	-3.678	.807	1.749
104	M55	Y	-3.678	-4.703	1.749	2.691
105	M56	Y	-3.788	-3.788	.014	2
106	M75	Y	-.01	-.965	.6	1.2
107	M75	Y	-.965	-2.258	1.2	1.8
108	M75	Y	-2.258	-4.134	1.8	2.4
109	M75	Y	-4.134	-2.79	2.4	3
110	M75	Y	-2.79	-.01	3	3.6

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
111	M55	Y	-3.469	-2.709	0	1.345
112	M55	Y	-2.709	-1.95	1.345	2.691
113	M75	Y	-.377	-2.709	3.6	6
114	M76	Y	-1.565	-3.527	.724	1.066
115	M76	Y	-3.527	-2.2	1.066	1.408
116	M76	Y	-2.2	-1.734	1.408	1.75
117	M76	Y	-1.734	-5.419	1.75	2.092

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M5	Y	-9.048	-9.048	0	.25
2	M31	Y	-.85	-7.348	0	.933
3	M31	Y	-7.348	-10.272	.933	1.867
4	M31	Y	-10.272	-9.698	1.867	2.8
5	M31	Y	-9.698	-6.825	2.8	3.733
6	M31	Y	-6.825	-1.578	3.733	4.667
7	M32	Y	-.579	-.579	.019	.146
8	M33	Y	-.579	-.579	.019	.146
9	M72A	Y	-.306	-5.388	0	1.08
10	M72A	Y	-5.388	-9.193	1.08	2.16
11	M72A	Y	-9.193	-9.153	2.16	3.24
12	M72A	Y	-9.153	-5.031	3.24	4.32
13	M72A	Y	-5.031	-.306	4.32	5.4
14	M77	Y	-.376	-5.05	.6	1.68
15	M77	Y	-5.05	-10.906	1.68	2.76
16	M77	Y	-10.906	-12.597	2.76	3.84
17	M77	Y	-12.597	-7.336	3.84	4.92
18	M77	Y	-7.336	-.376	4.92	6
19	M34	Y	-1.27	-7.431	0	.933
20	M34	Y	-7.431	-10.208	.933	1.867
21	M34	Y	-10.208	-9.641	1.867	2.8
22	M34	Y	-9.641	-6.888	2.8	3.733
23	M34	Y	-6.888	-1.91	3.733	4.667
24	M35	Y	-.583	-.583	.019	.146
25	M36	Y	-.583	-.583	.019	.146
26	M73A	Y	-.395	-4.975	.6	1.68
27	M73A	Y	-4.975	-10.739	1.68	2.76
28	M73A	Y	-10.739	-12.615	2.76	3.84
29	M73A	Y	-12.615	-7.361	3.84	4.92
30	M73A	Y	-7.361	-.395	4.92	6
31	M74A	Y	-.255	-5.349	0	1.08
32	M74A	Y	-5.349	-10.2	1.08	2.16
33	M74A	Y	-10.2	-10.139	2.16	3.24
34	M74A	Y	-10.139	-4.708	3.24	4.32
35	M74A	Y	-4.708	-.255	4.32	5.4
36	M67A	Y	-1.449	-1.449	0	.25
37	M28	Y	-5.419	-3.314	0	.233
38	M28	Y	-3.314	-1.065	.233	.467
39	M28	Y	-1.065	.132	.467	.7
40	M28	Y	.132	.132	.7	.933
41	M29	Y	-5.777	-5.777	.087	.128

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
42	M31	Y	.132	.132	3.733	3.967
43	M31	Y	.132	-1.066	3.967	4.2
44	M31	Y	-1.066	-3.317	4.2	4.433
45	M31	Y	-3.317	-5.423	4.433	4.667
46	M33	Y	-5.712	-5.712	.086	.128
47	M76	Y	-.169	-.169	4.2	4.56
48	M76	Y	-.169	-.942	4.56	4.92
49	M76	Y	-.942	-4.83	4.92	5.28
50	M76	Y	-4.83	-6.252	5.28	5.64
51	M76	Y	-6.252	-2.865	5.64	6
52	M77	Y	-2.865	-6.251	0	.36
53	M77	Y	-6.251	-4.827	.36	.72
54	M77	Y	-4.827	-.94	.72	1.08
55	M77	Y	-.94	-.169	1.08	1.44
56	M77	Y	-.169	-.169	1.44	1.8
57	M28	Y	.132	.132	3.733	3.967
58	M28	Y	.132	-1.065	3.967	4.2
59	M28	Y	-1.065	-3.314	4.2	4.433
60	M28	Y	-3.314	-5.419	4.433	4.667
61	M30	Y	-5.777	-5.777	.087	.128
62	M34	Y	-5.423	-3.317	0	.233
63	M34	Y	-3.317	-1.066	.233	.467
64	M34	Y	-1.066	.132	.467	.7
65	M34	Y	.132	.132	.7	.933
66	M35	Y	-5.712	-5.712	.086	.128
67	M74A	Y	-.169	-.169	4.2	4.56
68	M74A	Y	-.169	-.94	4.56	4.92
69	M74A	Y	-.94	-4.827	4.92	5.28
70	M74A	Y	-4.827	-6.251	5.28	5.64
71	M74A	Y	-6.251	-2.865	5.64	6
72	M75	Y	-2.865	-6.252	0	.36
73	M75	Y	-6.252	-4.83	.36	.72
74	M75	Y	-4.83	-.942	.72	1.08
75	M75	Y	-.942	-.169	1.08	1.44
76	M75	Y	-.169	-.169	1.44	1.8
77	M31	Y	-5.423	-3.317	0	.233
78	M31	Y	-3.317	-1.066	.233	.467
79	M31	Y	-1.066	.132	.467	.7
80	M31	Y	.132	.132	.7	.933
81	M32	Y	-5.712	-5.712	.086	.128
82	M34	Y	.132	.132	3.733	3.967
83	M34	Y	.132	-1.065	3.967	4.2
84	M34	Y	-1.065	-3.314	4.2	4.433
85	M34	Y	-3.314	-5.419	4.433	4.667
86	M36	Y	-5.777	-5.777	.087	.128
87	M72A	Y	-.169	-.169	4.2	4.56
88	M72A	Y	-.169	-.94	4.56	4.92
89	M72A	Y	-.94	-4.827	4.92	5.28
90	M72A	Y	-4.827	-6.251	5.28	5.64
91	M72A	Y	-6.251	-2.865	5.64	6
92	M73A	Y	-2.865	-6.252	0	.36
93	M73A	Y	-6.252	-4.83	.36	.72

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
94	M73A	Y	-4.83	-.942	.72	1.08
95	M73A	Y	-.942	-.169	1.08	1.44
96	M73A	Y	-.169	-.169	1.44	1.8
97	M28	Y	-.207	-7.077	1.4	2.053
98	M28	Y	-7.077	-11.679	2.053	2.707
99	M28	Y	-11.679	-8.019	2.707	3.36
100	M28	Y	-8.019	-4.557	3.36	4.013
101	M28	Y	-4.557	-.419	4.013	4.667
102	M30	Y	-.615	-.615	.02	.146
103	M55	Y	-5.136	-7.121	.807	1.749
104	M55	Y	-7.121	-9.106	1.749	2.691
105	M56	Y	-7.335	-7.335	.014	2
106	M75	Y	-.02	-1.868	.6	1.2
107	M75	Y	-1.868	-4.373	1.2	1.8
108	M75	Y	-4.373	-8.005	1.8	2.4
109	M75	Y	-8.005	-5.402	2.4	3
110	M75	Y	-5.402	-.02	3	3.6
111	M55	Y	-6.716	-5.246	0	1.345
112	M55	Y	-5.246	-3.777	1.345	2.691
113	M75	Y	-.73	-5.246	3.6	6
114	M76	Y	-3.03	-6.829	.724	1.066
115	M76	Y	-6.829	-4.26	1.066	1.408
116	M76	Y	-4.26	-3.358	1.408	1.75
117	M76	Y	-3.358	-10.492	1.75	2.092

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M5	Z	-.14	-.14	0	.25
2	M31	Z	-.013	-.114	0	.933
3	M31	Z	-.114	-.159	.933	1.867
4	M31	Z	-.159	-.15	1.867	2.8
5	M31	Z	-.15	-.106	2.8	3.733
6	M31	Z	-.106	-.024	3.733	4.667
7	M32	Z	-.009	-.009	.019	.146
8	M33	Z	-.009	-.009	.019	.146
9	M72A	Z	-.005	-.083	0	1.08
10	M72A	Z	-.083	-.142	1.08	2.16
11	M72A	Z	-.142	-.142	2.16	3.24
12	M72A	Z	-.142	-.078	3.24	4.32
13	M72A	Z	-.078	-.005	4.32	5.4
14	M77	Z	-.006	-.078	.6	1.68
15	M77	Z	-.078	-.169	1.68	2.76
16	M77	Z	-.169	-.195	2.76	3.84
17	M77	Z	-.195	-.114	3.84	4.92
18	M77	Z	-.114	-.006	4.92	6
19	M34	Z	-.02	-.115	0	.933
20	M34	Z	-.115	-.158	.933	1.867
21	M34	Z	-.158	-.149	1.867	2.8
22	M34	Z	-.149	-.107	2.8	3.733
23	M34	Z	-.107	-.03	3.733	4.667
24	M35	Z	-.009	-.009	.019	.146

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
25	M36	Z	-.009	-.009	.019	.146
26	M73A	Z	-.006	-.077	.6	1.68
27	M73A	Z	-.077	-.166	1.68	2.76
28	M73A	Z	-.166	-.195	2.76	3.84
29	M73A	Z	-.195	-.114	3.84	4.92
30	M73A	Z	-.114	-.006	4.92	6
31	M74A	Z	-.004	-.083	0	1.08
32	M74A	Z	-.083	-.158	1.08	2.16
33	M74A	Z	-.158	-.157	2.16	3.24
34	M74A	Z	-.157	-.073	3.24	4.32
35	M74A	Z	-.073	-.004	4.32	5.4
36	M67A	Z	-.022	-.022	0	.25
37	M28	Z	-.084	-.051	0	.233
38	M28	Z	-.051	-.017	.233	.467
39	M28	Z	-.017	.002	.467	.7
40	M28	Z	.002	.002	.7	.933
41	M29	Z	-.09	-.09	.087	.128
42	M31	Z	.002	.002	3.733	3.967
43	M31	Z	.002	-.017	3.967	4.2
44	M31	Z	-.017	-.051	4.2	4.433
45	M31	Z	-.051	-.084	4.433	4.667
46	M33	Z	-.088	-.088	.086	.128
47	M76	Z	-.003	-.003	4.2	4.56
48	M76	Z	-.003	-.015	4.56	4.92
49	M76	Z	-.015	-.075	4.92	5.28
50	M76	Z	-.075	-.097	5.28	5.64
51	M76	Z	-.097	-.044	5.64	6
52	M77	Z	-.044	-.097	0	.36
53	M77	Z	-.097	-.075	.36	.72
54	M77	Z	-.075	-.015	.72	1.08
55	M77	Z	-.015	-.003	1.08	1.44
56	M77	Z	-.003	-.003	1.44	1.8
57	M28	Z	.002	.002	3.733	3.967
58	M28	Z	.002	-.017	3.967	4.2
59	M28	Z	-.017	-.051	4.2	4.433
60	M28	Z	-.051	-.084	4.433	4.667
61	M30	Z	-.09	-.09	.087	.128
62	M34	Z	-.084	-.051	0	.233
63	M34	Z	-.051	-.017	.233	.467
64	M34	Z	-.017	.002	.467	.7
65	M34	Z	.002	.002	.7	.933
66	M35	Z	-.088	-.088	.086	.128
67	M74A	Z	-.003	-.003	4.2	4.56
68	M74A	Z	-.003	-.015	4.56	4.92
69	M74A	Z	-.015	-.075	4.92	5.28
70	M74A	Z	-.075	-.097	5.28	5.64
71	M74A	Z	-.097	-.044	5.64	6
72	M75	Z	-.044	-.097	0	.36
73	M75	Z	-.097	-.075	.36	.72
74	M75	Z	-.075	-.015	.72	1.08
75	M75	Z	-.015	-.003	1.08	1.44
76	M75	Z	-.003	-.003	1.44	1.8

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
77	M31	Z	-.084	-.051	0	.233
78	M31	Z	-.051	-.017	.233	.467
79	M31	Z	-.017	.002	.467	.7
80	M31	Z	.002	.002	.7	.933
81	M32	Z	-.088	-.088	.086	.128
82	M34	Z	.002	.002	3.733	3.967
83	M34	Z	.002	-.017	3.967	4.2
84	M34	Z	-.017	-.051	4.2	4.433
85	M34	Z	-.051	-.084	4.433	4.667
86	M36	Z	-.09	-.09	.087	.128
87	M72A	Z	-.003	-.003	4.2	4.56
88	M72A	Z	-.003	-.015	4.56	4.92
89	M72A	Z	-.015	-.075	4.92	5.28
90	M72A	Z	-.075	-.097	5.28	5.64
91	M72A	Z	-.097	-.044	5.64	6
92	M73A	Z	-.044	-.097	0	.36
93	M73A	Z	-.097	-.075	.36	.72
94	M73A	Z	-.075	-.015	.72	1.08
95	M73A	Z	-.015	-.003	1.08	1.44
96	M73A	Z	-.003	-.003	1.44	1.8
97	M28	Z	-.003	-.11	1.4	2.053
98	M28	Z	-.11	-.181	2.053	2.707
99	M28	Z	-.181	-.124	2.707	3.36
100	M28	Z	-.124	-.071	3.36	4.013
101	M28	Z	-.071	-.006	4.013	4.667
102	M30	Z	-.01	-.01	.02	.146
103	M55	Z	-.08	-.11	.807	1.749
104	M55	Z	-.11	-.141	1.749	2.691
105	M56	Z	-.114	-.114	.014	2
106	M75	Z	-.0003055	-.029	.6	1.2
107	M75	Z	-.029	-.068	1.2	1.8
108	M75	Z	-.068	-.124	1.8	2.4
109	M75	Z	-.124	-.084	2.4	3
110	M75	Z	-.084	-.0003055	3	3.6
111	M55	Z	-.104	-.081	0	1.345
112	M55	Z	-.081	-.059	1.345	2.691
113	M75	Z	-.011	-.081	3.6	6
114	M76	Z	-.047	-.106	.724	1.066
115	M76	Z	-.106	-.066	1.066	1.408
116	M76	Z	-.066	-.052	1.408	1.75
117	M76	Z	-.052	-.163	1.75	2.092

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M5	X	.14	.14	0	.25
2	M31	X	.013	.114	0	.933
3	M31	X	.114	.159	.933	1.867
4	M31	X	.159	.15	1.867	2.8
5	M31	X	.15	.106	2.8	3.733
6	M31	X	.106	.024	3.733	4.667
7	M32	X	.009	.009	.019	.146

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
8	M33	X	.009	.009	.019	.146
9	M72A	X	.005	.083	0	1.08
10	M72A	X	.083	.142	1.08	2.16
11	M72A	X	.142	.142	2.16	3.24
12	M72A	X	.142	.078	3.24	4.32
13	M72A	X	.078	.005	4.32	5.4
14	M77	X	.006	.078	.6	1.68
15	M77	X	.078	.169	1.68	2.76
16	M77	X	.169	.195	2.76	3.84
17	M77	X	.195	.114	3.84	4.92
18	M77	X	.114	.006	4.92	6
19	M34	X	.02	.115	0	.933
20	M34	X	.115	.158	.933	1.867
21	M34	X	.158	.149	1.867	2.8
22	M34	X	.149	.107	2.8	3.733
23	M34	X	.107	.03	3.733	4.667
24	M35	X	.009	.009	.019	.146
25	M36	X	.009	.009	.019	.146
26	M73A	X	.006	.077	.6	1.68
27	M73A	X	.077	.166	1.68	2.76
28	M73A	X	.166	.195	2.76	3.84
29	M73A	X	.195	.114	3.84	4.92
30	M73A	X	.114	.006	4.92	6
31	M74A	X	.004	.083	0	1.08
32	M74A	X	.083	.158	1.08	2.16
33	M74A	X	.158	.157	2.16	3.24
34	M74A	X	.157	.073	3.24	4.32
35	M74A	X	.073	.004	4.32	5.4
36	M67A	X	.022	.022	0	.25
37	M28	X	.084	.051	0	.233
38	M28	X	.051	.017	.233	.467
39	M28	X	.017	-.002	.467	.7
40	M28	X	-.002	-.002	.7	.933
41	M29	X	.09	.09	.087	.128
42	M31	X	-.002	-.002	3.733	3.967
43	M31	X	-.002	.017	3.967	4.2
44	M31	X	.017	.051	4.2	4.433
45	M31	X	.051	.084	4.433	4.667
46	M33	X	.088	.088	.086	.128
47	M76	X	.003	.003	4.2	4.56
48	M76	X	.003	.015	4.56	4.92
49	M76	X	.015	.075	4.92	5.28
50	M76	X	.075	.097	5.28	5.64
51	M76	X	.097	.044	5.64	6
52	M77	X	.044	.097	0	.36
53	M77	X	.097	.075	.36	.72
54	M77	X	.075	.015	.72	1.08
55	M77	X	.015	.003	1.08	1.44
56	M77	X	.003	.003	1.44	1.8
57	M28	X	-.002	-.002	3.733	3.967
58	M28	X	-.002	.017	3.967	4.2
59	M28	X	.017	.051	4.2	4.433

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
60	M28	X	.051	.084	4.433	4.667
61	M30	X	.09	.09	.087	.128
62	M34	X	.084	.051	0	.233
63	M34	X	.051	.017	.233	.467
64	M34	X	.017	-.002	.467	.7
65	M34	X	-.002	-.002	.7	.933
66	M35	X	.088	.088	.086	.128
67	M74A	X	.003	.003	4.2	4.56
68	M74A	X	.003	.015	4.56	4.92
69	M74A	X	.015	.075	4.92	5.28
70	M74A	X	.075	.097	5.28	5.64
71	M74A	X	.097	.044	5.64	6
72	M75	X	.044	.097	0	.36
73	M75	X	.097	.075	.36	.72
74	M75	X	.075	.015	.72	1.08
75	M75	X	.015	.003	1.08	1.44
76	M75	X	.003	.003	1.44	1.8
77	M31	X	.084	.051	0	.233
78	M31	X	.051	.017	.233	.467
79	M31	X	.017	-.002	.467	.7
80	M31	X	-.002	-.002	.7	.933
81	M32	X	.088	.088	.086	.128
82	M34	X	-.002	-.002	3.733	3.967
83	M34	X	-.002	.017	3.967	4.2
84	M34	X	.017	.051	4.2	4.433
85	M34	X	.051	.084	4.433	4.667
86	M36	X	.09	.09	.087	.128
87	M72A	X	.003	.003	4.2	4.56
88	M72A	X	.003	.015	4.56	4.92
89	M72A	X	.015	.075	4.92	5.28
90	M72A	X	.075	.097	5.28	5.64
91	M72A	X	.097	.044	5.64	6
92	M73A	X	.044	.097	0	.36
93	M73A	X	.097	.075	.36	.72
94	M73A	X	.075	.015	.72	1.08
95	M73A	X	.015	.003	1.08	1.44
96	M73A	X	.003	.003	1.44	1.8
97	M28	X	.003	.11	1.4	2.053
98	M28	X	.11	.181	2.053	2.707
99	M28	X	.181	.124	2.707	3.36
100	M28	X	.124	.071	3.36	4.013
101	M28	X	.071	.006	4.013	4.667
102	M30	X	.01	.01	.02	.146
103	M55	X	.08	.11	.807	1.749
104	M55	X	.11	.141	1.749	2.691
105	M56	X	.114	.114	.014	2
106	M75	X	.0003055	.029	.6	1.2
107	M75	X	.029	.068	1.2	1.8
108	M75	X	.068	.124	1.8	2.4
109	M75	X	.124	.084	2.4	3
110	M75	X	.084	.0003055	3	3.6
111	M55	X	.104	.081	0	1.345

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
112	M55	X	.081	.059	1.345	2.691
113	M75	X	.011	.081	3.6	6
114	M76	X	.047	.106	.724	1.066
115	M76	X	.106	.066	1.066	1.408
116	M76	X	.066	.052	1.408	1.75
117	M76	X	.052	.163	1.75	2.092

Member Area Loads (BLC 39 : Structure D)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N6	N73	N44	N5	Y	Two Way	-.005
2	N80	N18	N4	N25	Y	Two Way	-.005
3	N431	N431A	N44	N45	Y	Two Way	-.005
4	N429A	N432	N25	N24	Y	Two Way	-.005
5	N433	N430A	N5	N4	Y	Two Way	-.005
6	N83	N24	N85	N84	Y	Two Way	-.005
7	N86	N85	N67A	N68B	Y	Two Way	-.005

Member Area Loads (BLC 40 : Structure Di)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N6	N73	N44	N5	Y	Two Way	-.01
2	N80	N18	N4	N25	Y	Two Way	-.01
3	N431	N431A	N44	N45	Y	Two Way	-.01
4	N429A	N432	N25	N24	Y	Two Way	-.01
5	N433	N430A	N5	N4	Y	Two Way	-.01
6	N83	N24	N85	N84	Y	Two Way	-.01
7	N86	N85	N67A	N68B	Y	Two Way	-.01

Member Area Loads (BLC 84 : Structure Ev)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N6	N73	N44	N5	Y	Two Way	0
2	N80	N18	N4	N25	Y	Two Way	0
3	N431	N431A	N44	N45	Y	Two Way	0
4	N429A	N432	N25	N24	Y	Two Way	0
5	N433	N430A	N5	N4	Y	Two Way	0
6	N83	N24	N85	N84	Y	Two Way	0
7	N86	N85	N67A	N68B	Y	Two Way	0

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

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N6	N73	N44	N5	Z	Two Way	-.000156
2	N80	N18	N4	N25	Z	Two Way	-.000156
3	N431	N431A	N44	N45	Z	Two Way	-.000156
4	N429A	N432	N25	N24	Z	Two Way	-.000156
5	N433	N430A	N5	N4	Z	Two Way	-.000156
6	N83	N24	N85	N84	Z	Two Way	-.000156
7	N86	N85	N67A	N68B	Z	Two Way	-.000156

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

Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]

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

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N6	N73	N44	N5	X	Two Way	.000156
2	N80	N18	N4	N25	X	Two Way	.000156
3	N431	N431A	N44	N45	X	Two Way	.000156
4	N429A	N432	N25	N24	X	Two Way	.000156
5	N433	N430A	N5	N4	X	Two Way	.000156
6	N83	N24	N85	N84	X	Two Way	.000156
7	N86	N85	N67A	N68B	X	Two Way	.000156

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	N109	max	1805.729	10	4867.788	13	476.605	1	4.524	13	2.556	4	.525	4
2		min	-1902.739	4	588.069	7	-5061.548	19	-.426	7	-2.519	10	-.461	10
3	N113	max	238.054	9	2455.828	9	2822.95	3	1.023	2	.897	2	1.522	3
4		min	-3812.014	15	-978.017	3	-720.36	9	-1.234	8	-.811	8	-2.443	9
5	N117	max	3895.142	23	2682.859	5	2861.241	12	.959	12	1.559	7	2.586	5
6		min	-96.719	5	-567.796	11	-674.464	6	-1.366	6	-1.756	1	-1.079	11
7	Totals:	max	5208.398	10	7939.928	17	5215.827	1						
8		min	-5208.388	4	2985.193	74	-5215.851	7						

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

	Member	Shape	Code Check	Loc[..	LC	Shear..	Loc[..	Dir	LC	phi*Pn...	phi*Pnt..	phi*Mn...	phi*Mn...	Cb	Eqn
1	MP4A	PIPE_2.0	.276	4.375	13	.091	4.375		1	18857....	32130	1.872	1.872	4.401	H1-1b
2	MP3A	PIPE_2.0	.204	4.375	4	.115	4.375		6	18857....	32130	1.872	1.872	3.58	H1-1b
3	MP2A	PIPE_2.0	.365	4.375	10	.134	2.917		10	18857....	32130	1.872	1.872	3.585	H1-1b
4	MP1A	PIPE_2.0	.306	4.375	2	.119	2.639		2	18857....	32130	1.872	1.872	3.255	H1-1b
5	M28	C5X9	.828	2.333	1	.164	2.333	y	14	42540....	85536	1.909	11.853	1.313	H1-1b
6	M31	C5X9	.636	2.333	9	.043	2.333	y	9	42540....	85536	1.909	11.853	1.314	H1-1b
7	M34	C5X9	.627	2.333	5	.055	2.333	y	41	42540....	85536	1.909	11.853	1.31	H1-1b
8	M37	PL3/8x8	.130	.833	4	.100	0	y	4	62024....	97200	.759	16.2	2.267	H1-1b
9	M40	PL3/8x8	.119	0	4	.090	0	y	4	62024....	97200	.759	16.2	2.266	H1-1b
10	M43	PL3/8x8	.099	.833	12	.073	0	y	12	62024....	97200	.759	16.2	2.261	H1-1b
11	M46	PL3/8x8	.091	0	12	.066	0	y	12	62024....	97200	.759	16.2	2.26	H1-1b
12	M49	PL3/8x8	.075	.833	2	.054	0	y	2	62024....	97200	.759	16.2	2.26	H1-1b
13	M52	PL3/8x8	.070	0	2	.047	0	y	2	62024....	97200	.759	16.2	2.258	H1-1b
14	M55	C5X9	.248	0	15	.107	.252	z	17	67812....	85536	1.909	11.853	1.807	H1-1b
15	M56	C5X9	.305	0	4	.154	.417	z	4	75237....	85536	1.909	11.853	1.486	H1-1b
16	M57	L2x2x3	.249	2.042	10	.022	2.042	z	2	3497.9...	23392.8	.558	1.124	2.344	H2-1
17	M58	L2x2x3	.252	2.042	4	.021	1.969	z	2	3497.9...	23392.8	.558	1.126	2.371	H2-1
18	M59	SR_0.75	.022	0	7	.021	1.167		1	10673....	14313....	.179	.179	2.256	H1-1b
19	M60	SR_0.75	.089	0	1	.011	1.167		6	10673....	14313....	.179	.179	2.278	H1-1b
20	M61	SR_0.75	.110	0	1	.018	1.167		7	10673....	14313....	.179	.179	2.277	H1-1b
21	M62	SR_0.75	.114	0	1	.023	1.167		7	10673....	14313....	.179	.179	2.274	H1-1b
22	M63	SR_0.75	.075	0	1	.019	1.167		18	10673....	14313....	.179	.179	2.295	H1-1b
23	M64	SR_0.75	.016	0	7	.023	0		14	10673....	14313....	.179	.179	2.445	H1-1b
24	M65	SR_0.75	.070	0	1	.008	0		13	10673....	14313....	.179	.179	2.278	H1-1b
25	M66	HSS3X3X4	.623	1.708	3	.227	.997	z	4	98734....	101016	8.556	8.556	2.23	H1-1b
26	M68	HSS3X3X4	.407	1.708	9	.147	.997	y	11	98734....	101016	8.556	8.556	2.137	H1-1b
27	M70	HSS3X3X4	.443	1.708	6	.199	.997	z	2	98734....	101016	8.556	8.556	2.181	H1-1b
28	M72A	C5X6.7	.415	5	9	.236	5	z	12	20482....	63828	1.604	9.585	1.662	H1-1b

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

	Member	Shape	Code Check	Loc[..]	LC	Shear..	Loc[..]	Dir	LC	phi*Pn...	phi*Pnt..	phi*Mn...	phi*Mn...	Cb	Eqn
29	M73A	C5X6.7	.429	1	9	.224	1	z	2	20482....	63828	1.604	9.585	1.999	H1-1b
30	M74A	C5X6.7	.667	5	6	.252	5	y	2	20482....	63828	1.604	9.585	2.081	H1-1b
31	M75	C5X6.7	.664	1	12	.243	.938	y	9	20482....	63828	1.604	9.585	1.622	H1-1b
32	M76	C5X6.7	.746	5	3	.363	2.688	y	10	20482....	63828	1.604	9.585	1.247	H1-1b
33	M77	C5X6.7	.694	1	9	.254	1	y	22	20482....	63828	1.604	9.585	1.811	H1-1b
34	MP5C	PIPE_2.0	.284	4.375	2	.122	4.375		2	18857....	32130	1.872	1.872	2.182	H1-1b
35	MP3C	PIPE_2.0	.320	4.375	12	.141	4.375		1	18857....	32130	1.872	1.872	3.315	H1-1b
36	GAMMA ...	PIPE_2.0	.542	4.375	6	.201	2.5		6	18857....	32130	1.872	1.872	4.689	H1-1b
37	M23	PIPE_2.0	.313	4.375	4	.124	1.875		8	18857....	32130	1.872	1.872	1.974	H1-1b
38	MP3B	PIPE_2.0	.275	4.375	9	.204	4.375		9	18857....	32130	1.872	1.872	4.017	H1-1b
39	BETA RRH	PIPE_2.0	.620	4.375	3	.278	2.5		3	18857....	32130	1.872	1.872	3.239	H1-1b
40	M24	PIPE_2.0	.367	4.375	1	.109	4.375		1	18857....	32130	1.872	1.872	1.656	H1-1b
41	GAMMA ...	PIPE_2.0	.297	4.375	24	.340	1.875		6	18857....	32130	1.872	1.872	2.251	H1-1b
42	MP2C	PIPE_2.0	.395	4.375	12	.138	4.375		12	18857....	32130	1.872	1.872	2.74	H1-1b
43	MP4C	PIPE_2.0	.135	2.083	15	.173	1.667		2	14916....	32130	1.872	1.872	1.622	H1-1b
44	MP1B	PIPE_2.0	.082	1.667	10	.037	1.667		11	14916....	32130	1.872	1.872	1.979	H1-1b
45	MP4B	PIPE_2.0	.073	1.667	24	.042	1.667		10	14916....	32130	1.872	1.872	1.7	H1-1b
46	M123	PIPE_2.0	.545	2.25	6	.466	2.25		6	30237....	32130	1.872	1.872	1.462	H3-6
47	M124	PIPE_2.0	.266	2.25	7	.210	0		6	30237....	32130	1.872	1.872	1.52	H1-1b
48	MP1C	PIPE_2.0	.614	2.25	6	.395	2.25		6	14916....	32130	1.872	1.872	3.548	H3-6
49	M141	PIPE_2.0	.543	2.25	3	.424	0		3	30237....	32130	1.872	1.872	2.153	H3-6
50	M142	PIPE_2.0	.196	2.25	3	.171	0		3	30237....	32130	1.872	1.872	1.28	H1-1b
51	MP2B	PIPE_2.0	.531	2.25	9	.370	2.25		3	14916....	32130	1.872	1.872	3.603	H3-6
52	M89	PIPE_2.0	.275	0	7	.109	0		6	31747....	32130	1.872	1.872	1.618	H1-1b
53	M90	PIPE_2.0	.187	0	5	.117	0		11	31747....	32130	1.872	1.872	1.649	H1-1b
54	M91	PIPE_2.0	.107	0	11	.026	0		4	31747....	32130	1.872	1.872	1.551	H1-1b
55	M92	PIPE_2.0	.135	0	11	.067	0		1	31747....	32130	1.872	1.872	1.931	H1-1b
56	M93	PIPE_2.0	.148	0	4	.042	0		4	31747....	32130	1.872	1.872	1.941	H1-1b
57	M94	PIPE_2.0	.125	0	4	.058	0		8	31747....	32130	1.872	1.872	1.443	H1-1b
58	M95	PIPE_2.5	.158	10.2...	3	.086	2.124		7	17720....	50715	3.596	3.596	1.592	H1-1b
59	M98	PIPE_2.5	.239	8.379	6	.110	1.062		3	17720....	50715	3.596	3.596	3.158	H1-1b
60	M101	PIPE_2.5	.392	5.665	9	.114	2.124		23	17720....	50715	3.596	3.596	2.933	H1-1b
61	M104	L3X3X4	.280	.758	7	.057	0	y	12	46065....	46656	1.688	3.756	1.193	H2-1
62	M105	L3X3X4	.394	.758	12	.055	0	y	3	46065....	46656	1.688	3.756	1.109	H2-1
63	M106	L3X3X4	.227	.758	4	.082	0	y	2	46065....	46656	1.688	3.756	1.477	H2-1
64	M120	PIPE_2.0	.040	3.536	9	.074	3.536		23	27658....	32130	1.872	1.872	1.136	H1-1b*
65	M121	PIPE_2.0	.044	3.536	6	.068	0		10	27658....	32130	1.872	1.872	1.136	H1-1b*

VzW SMART Tool© Vendor

Client:	Verizon Wireless	Date:	10/31/2023
Site Name:	N Stamford CT		
MDG #:	5000385094		
Fuze ID #:	16045709	Page:	1

Version 1.01

Tower Connection Weld Checks	Yes

Weld Shape:	Rectangle
Weld Stiffener Configuration:	(1) Stiffener on top/bottom
Stiffener Notch Present?	No
Stiffener Length, l (in):	5
Stiffener Spacing/Width, s (in):	
Weld Size (1/16 in):	5
W1 (in):	3
W2 (in):	3
Weld Total Length (in):	32.00
Z_x (in^3/in):	67.64
Z_y (in^3/in):	12.00
J_p (in^4/in):	397.67
c_x (in)	6.5
c_y (in)	6.5
Required combined strength (kip/in):	1.92
Weld Capacity (kip/in):	6.96
Weld Utilization:	**27.6%**

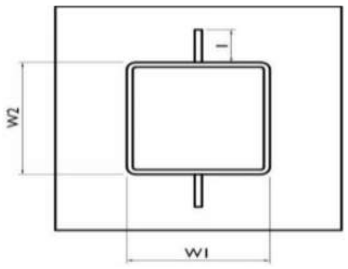

EXHIBIT 5

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Non-Ionizing Electromagnetic Radiation (NIER) Study

Site Number:
302515

Site Name:
SMFR - North

Location:
Stamford, Connecticut

Tenants:
AT&T Mobility, T-Mobile, Sensus USA Inc., & Verizon Wireless

Prepared For:

American Tower, Inc.
Woburn, Massachusetts

August 23rd, 2023

65120 P-405142

Prepared By:

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

Approved By:

08/24/23

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Non-Ionizing Electromagnetic Radiation (NIER) Study

302515 SMRF-North
Stamford, 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 302515 SMRF-North is located 5 High Ridge Park Rd., in Stamford, Connecticut at coordinates 41.112787, -73.538373. The support structure is a 135' monopole. An aerial view of the tower can be found in Appendix 1, Site Photos. The tenants are AT&T Mobility (AT&T), T-Mobile (T-Mobile), Sensus USA Inc. (Sensus), 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 302515 SMFR - North.RF NIER Study dated 08/10/23.
- 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

302515 SMRF - North

Antenna Inventory

Antenna #	Carrier	Antenna Manufacturer	Antenna Model	Frequency Band (MHz)	Azmiuth (°)	Effective Radiated Power (W)	Radiation Center (ft)
1	T-Mobile	RFS	APXVAARR24	600/1900	060	106517	160
2	T-Mobile	RFS	APXVAARR24	600/1900	180	106517	160
3	T-Mobile	RFS	APXVAARR24	600/1900	300	106517	160
4	AT&T	Ericsson	Air6419	700/800/1900/2100/2300/3400/3500/3800/3900	000	400517	152
5	AT&T	Ericsson	Air6419	700/800/1900/2100/2300/3400/3500/3800/3900	110	400517	152
6	AT&T	Ericsson	Air6419	700/800/1900/2100/2300/3400/3500/3800/3900	220	400517	152
7	AT&T	Ericsson	Air6449	700/800/1900/2100/2300/3400/3500/3800/3900	000	400517	152
8	AT&T	Ericsson	Air6449	700/800/1900/2100/2300/3400/3500/3800/3900	110	400517	152
9	AT&T	Ericsson	Air6449	700/800/1900/2100/2300/3400/3500/3800/3900	220	400517	152
10	AT&T	Quintel	QD6616-7	700/800/1900/2100/2300/3400/3500/3800/3900	000	53131	152
11	AT&T	Quintel	QD6616-7	700/800/1900/2100/2300/3400/3500/3800/3900	110	53131	152
12	AT&T	Quintel	QD6616-7	700/800/1900/2100/2300/3400/3500/3800/3900	220	53131	152
13	AT&T	Scalla	80010965	700/800/1900/2100	030	21833	152
14	AT&T	Scalla	80010965	700/800/1900/2100	150	21833	152
15	AT&T	Scalla	80010965	700/800/1900/2100	270	21833	152
16	Verizon	Commscope	JAHH-65B-R3B	700/800/1900/2100	110	32168	143
17	Verizon	Commscope	JAHH-65B-R3B	700/800/1900/2100	210	32168	143
18	Verizon	Commscope	JAHH-65B-R3B	700/800/1900/2100	110	32168	143
19	Verizon	Commscope	JAHH-65B-R3B	700/800/1900/2100	210	32168	143
20	Verizon	Samsung	Generic	3700/3800/3900	020	1219	143
21	Verizon	Samsung	Generic	3700/3800/3900	110	1219	143
22	Verizon	Samsung	Generic	3700/3800/3900	210	1219	143
23	Verizon	Samsung	Generic	3700/3800/3900	290	1219	143

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Appendix 2.2 Antenna Inventory

302515 SMRF - North							
Antenna Inventory							
Antenna #	Carrier	Antenna Manufacturer	Antenna Model	Frequency Band (MHz)	Azmiuth (°)	Effective Radiated Power (W)	Radiation Center (ft)
24	Verizon	Commscope	JAHH-65B-R3B	700/800/1900/2100	20	32168	143
25	Verizon	Commscope	JAHH-65B-R3B	700/800/1900/2100	290	32168	143
26	Verizon	Commscope	JAHH-65B-R3B	700/800/1900/2100	20	32168	143
27	Verizon	Commscope	JAHH-65B-R3B	700/800/1900/2100	290	32168	143
28	Verizon	Samsung	MT6407-77A	3700/3800/3900	020	14245	143
29	Verizon	Samsung	MT6407-77A	3700/3800/3900	110	14245	143
30	Verizon	Samsung	MT6407-77A	3700/3800/3900	210	14245	143
31	Verizon	Samsung	MT6407-77A	3700/3800/3900	290	14245	143
32	T-Mobile	Ericsson	Air 6449	2500/2600	060	22030	132
33	T-Mobile	Ericsson	Air 6449	2500/2600	180	22030	132
34	T-Mobile	Ericsson	Air 6449	2500/2600	300	22030	132
35	T-Mobile	Ericsson	Air 32	1900/2100	060	11022	132
36	T-Mobile	Ericsson	Air 32	1900/2100	180	11022	132
37	T-Mobile	Ericsson	Air 32	1900/2100	300	11022	132
38	Sensus	Antel	BCD-87010	800	000	960	105
39	Dish	JMA	MX08FRO665	600/1900/2000/2100	000	48332	94
40	Dish	JMA	MX08FRO665	600/1900/2000/2100	120	48332	94
41	Dish	JMA	MX08FRO665	600/1900/2000/2100	240	48332	94

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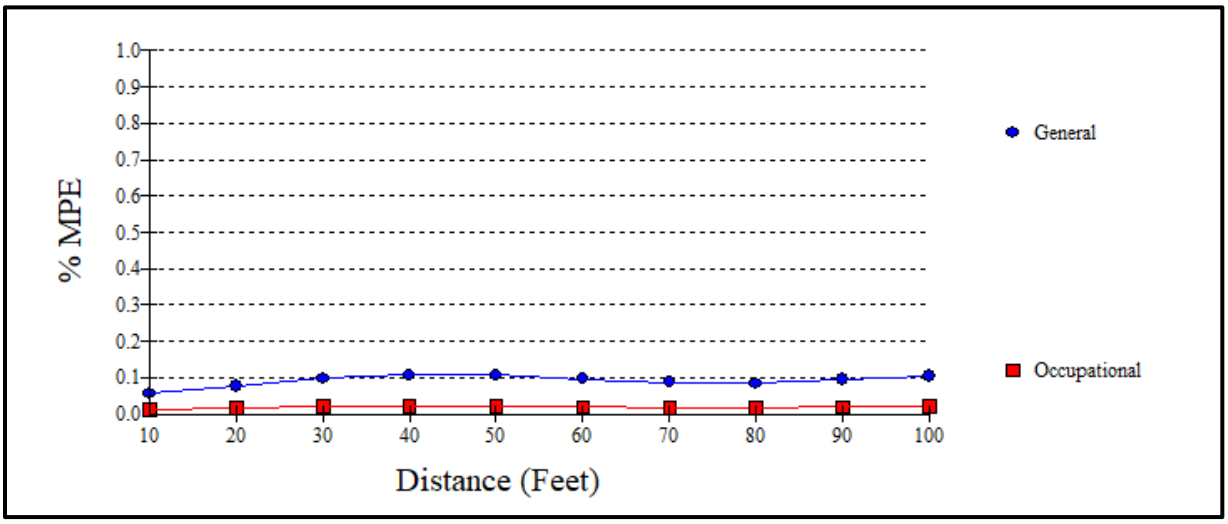
Appendix 3.1 MPE Limit Study



Maximum Power Density (@40'):	0.0007 mW/cm²
General Population MPE (@40'):	0.1073%
Occupational MPE (@40'):	0.0215%

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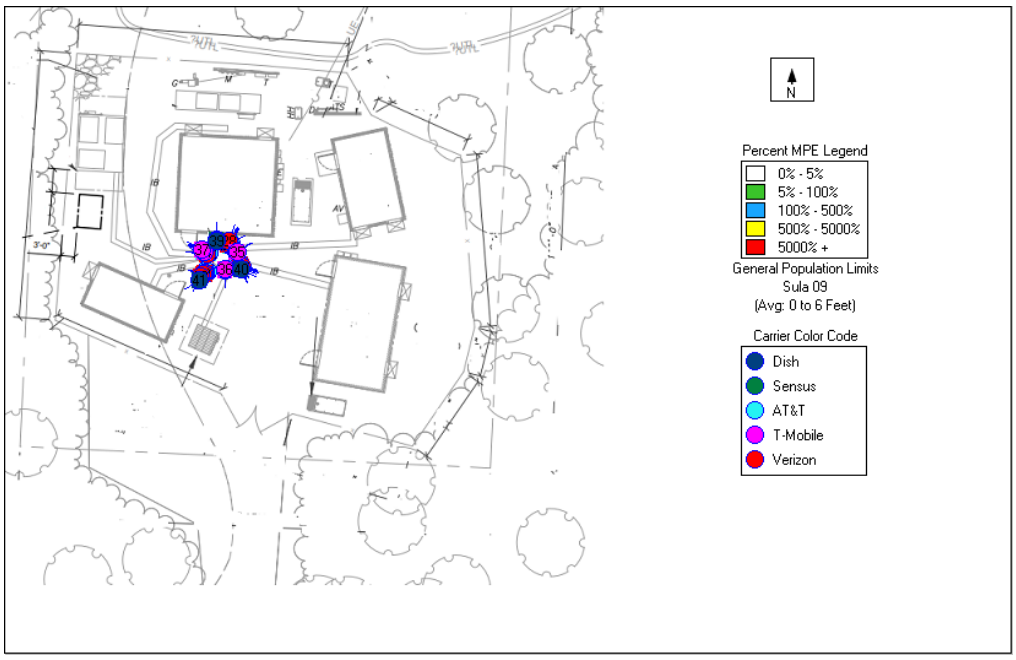
Appendix 3.2 MPE Limit Study



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Appendix 4 Information Pertaining to MPE Studies

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

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

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

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

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

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

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

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Appendix 5 MPE Standards Methodology

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

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

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

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

f = frequency

* = Plane-wave equivalent power density

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

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

f = frequency

* = Plane-wave equivalent power density

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

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

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

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

Cylindrical Model (Near Field Predictions)

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

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

Where:

S = Power Density

P = Total Power into antenna

R = Distance from the antenna

L = Antenna aperture length

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

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

Where:

S = Power Density

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

P = Total Power into antenna

R = Distance from the antenna

L = Antenna aperture length

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

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Spherical Model (Far Field Predictions)

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

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

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

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

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

Where:

S = Power Density

EIRP = Effective Radiated Power from antenna

Rc = Reflection Coefficient (2.56)

R = Distance from the antenna

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

EXHIBIT 6

DOCKET NO. 45

AN APPLICATION SUBMITTED BY THE SOUTHERN NEW ENGLAND TELEPHONE COMPANY FOR A CERTIFICATE OF ENVIRONMENTAL COMPATIBILITY AND PUBLIC NEED FOR THE CONSTRUCTION, MAINTENANCE, AND OPERATION OF FACILITIES TO PROVIDE CELLULAR SERVICE IN FAIRFIELD COUNTY.	:	CONNECTICUT SITING COUNCIL
	:	September 14, 1984

DECISION AND ORDER

Pursuant to the foregoing opinion, the Council hereby directs that a certificate of environmental compatibility and public need as required by section 16-50k of the General Statutes of Connecticut, revisions of 1958, revised to 1983, as amended, be issued to the Southern New England Telephone Company for the construction, operation, and maintenance of a telecommunications tower and associated equipment to provide cellular service at each of the following sites:

Kaechele Place, Bridgeport, Connecticut;
Connecticut Avenue, Norwalk, Connecticut;
Nells Rock Road, Shelton, Connecticut;
Newfield Avenue, Stamford, Connecticut; and
Bayberry Lane, (former Nike site), Westport, Connecticut.

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

1. The towers shall be no taller than necessary to provide the proposed service, and in no event shall exceed

   a) 167' at the Bridgeport site,
   b) 167' at the Norwalk site,
   c) 189.5' at the Shelton site,
   d) 167' at the Stamford site,
   e) 117' at the Westport site;

2. A fence not lower than eight feet shall surround each tower and its associated equipment;

3. The applicant or its successor shall notify the Council if and when directional antennas or any other equipment is added to any of these facilities;

4. The applicant or its successor shall permit, in accordance with representations made by it during the proceeding, public or private entities to share space on the facilities, for due consideration received, or shall provide any requesting entity with specific legal, technical, environmental, or economic reasons precluding such tower sharing;
5. Unless necessary to comply with condition number six, below, no lights shall be installed on any of these towers;
6. The facilities shall be constructed in accordance with all applicable federal, state, and municipal laws and regulations;
7. The applicant shall submit a development and management plan (D&M) for the Bridgeport, Stamford, and Westport sites pursuant to sections 16-50j-85 through 16-50j-87 of the regulations of state agencies, except that irrelevant items in section 16-50j-86 need only be identified as such. The D&M plans shall include appropriate evergreen screening of the sites, erosion control measures, reseeding plans, and tree removal plans. The applicant shall consult with the Stamford Environmental Protection Board in the preparation of a drainage and erosion control plan for the Stamford tower. The applicant shall comply with the reporting requirements of section 16-50j-87 for all sites;
8. Construction activities shall take place during daylight working hours;
9. This decision and order shall be void and the towers and associated equipment approved herein shall be dismantled and

removed, or reapplication for any new use shall be made to the Connecticut Siting Council before any such new use is made, if the towers do not provide or permanently cease to provide cellular service following completion of construction;

10. This decision and order shall be void if all construction authorized is not completed within three years of the issuance of this decision.

Pursuant to section 16-50p of the General Statutes, we hereby direct that a copy of the opinion and decision and order be served on each person listed below. A notice of the issuance shall be published in the Bridgeport Post, the Norwalk Hour, the Stamford Advocate, and the Shelton Suburban News, and the Westport News.

The parties to this proceeding are

The Southern New England Telephone Company Room 314 227 Church Street New Haven, Connecticut 06506	(Applicant)
Attention: Mr. Peter J. Tyrrell Senior Attorney	(its attorney)
Rolnick Observatory 52 Sawyer Road Fairfield, Connecticut	represented by: Frederick H. Bump Director
Mr. Adam Norton 40 Highland Road Westport, Connecticut 06880	
Representative John Wayne Fox 13 Apple Tree Drive Stamford, Connecticut 06906	(service waived)
Mr. George C. Lenfest 4 Highland Road Westport, Connecticut	

Mr. William Seiden
First Selectman
Town of Westport
110 Myrtle Avenue
P.O. Box 549
Westport, Connecticut 06881

Mr. Arthur L. Schimel
174 Bayberry Lane
Westport, Connecticut

Mr. Seymour Bendremer
11 Apache Trail
Westport, Connecticut

Ms. Gladys Floch
32 Woody Lane
Westport, Connecticut

Ms. Helen S. Cohen (service waived)
15 Highland Road
Westport, Connecticut

Mr. Jack Braverman
226 Bayberry Lane
Westport, Connecticut

Mr. Kevin Gavin (service waived)
191 Bayberry Lane
Westport, Connecticut

Mr. A.B. Beiser
12 Highland Road
Westport, Connecticut

Mr. Edward V. Polusky (service waived)
4 Hooper Road
Westport, Connecticut

Ms. Lois Schine represented by:

Mary D. Mix, Esquire
830 Post Road - East
Suite 100
Westport, Connecticut 06880

Mr. Allen Witt
3 Apache Trail
Westport, Connecticut

Ms. Gayle Shiller (service waived)
5 Apache Trail
Westport, Connecticut

Mrs. Ronnie Hammer
3 Hooper Road
Westport, Connecticut

Mr. Paul Rosenblatt (service waived)
7 Apache Trail
Westport, Connecticut

Mr. Henry J. Wolfson (service waived)
179 Bayberry Lane
Westport, Connecticut

Mr. Melvin H. Barr (service waived)
Planning Director
Town of Westport
110 Myrtle Avenue
P.O. Box 549
Westport, Connecticut 06881

Mr. Mark Infeld (service waived)
6 Apache Trail
Westport, Connecticut

Ms. Barbara Saipe (service waived)
Representative Town
Meeting Member
District #8
Town Hall
P.O. Box 549
Westport, Connecticut 06881

Ms. Peggy Goldenberg (service waived)
201 Bayberry Lane
Westport, Connecticut

Ms. Martha Hauhuth (service waived)
Board of Selectman
Town Hall
P.O. Box 549
Westport, Connecticut 06881

Ms. Meg Coffee
32 Otter Trail
Westport, Connecticut (service waived)

CERTIFICATION

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

Dated at New Britain, Connecticut, this 14th day of September, 1984.

Council Members	Vote Cast
Gloria Dibble Pond Chairperson	Yes
Commissioner John Downey Designee: Commissioner Peter G. Boucher	Absent
Commissioner Stanley Pac	Absent
Owen L. Clark	Yes
Fred J. Doocy	Yes
Mortimer A. Gelston	Yes
James G. Horsfall	Yes
Janet Sitty	Yes
Colin C. Tait	Absent

STATE OF CONNECTICUT)
: ss. New Britain, September 14, 1984
COUNTY OF HARTFORD)

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

ATTEST:

Christopher S. Wood

Christopher S. Wood, Executive Director
Connecticut Siting Council

EXHIBIT 7

UPS Delivery Notification, Tracking Number 1Z9Y45030301466625

UPS <pkginfo@ups.com>
Wed 1/24/2024 11:46 AM
To:Barbara Kassabian <bkassabian@clinellc.com>

Hello, your package has been delivered.

Delivery Date: Wednesday, 01/24/2024
Delivery Time: 11:44 AM
Left At: INSIDE DELIV
Signed by: DONNA

CENTERLINE SITE ACQUISITION

Tracking Number:	**1Z9Y45030301466625**
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:	13678030

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UPS Delivery Notification, Tracking Number 1Z9Y45030309418609

UPS <pkginfo@ups.com>
Wed 1/24/2024 10:11 AM
To:Barbara Kassabian <bkassabian@clinellc.com>

Hello, your package has been delivered.

Delivery Date: Wednesday, 01/24/2024
Delivery Time: 10:01 AM
Signed by: LA CRUZ

CENTERLINE SITE ACQUISITION

Tracking Number:	1Z9Y45030309418609
Ship To:	FRANK CONTI LAND USE INSPECTOR 888 WASHINGTON BOULEVARD 7TH FLOOR STAMFORD, CT 069012924 US
Number of Packages:	1
UPS Service:	UPS Ground
Package Weight:	1.0 LBS
Reference Number:	13678030

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UPS Delivery Notification, Tracking Number 1Z9Y45030334170838

UPS <pkginfo@ups.com>
Wed 1/24/2024 10:11 AM
To:Barbara Kassabian <bkassabian@clinellc.com>

Hello, your package has been delivered.

Delivery Date: Wednesday, 01/24/2024
Delivery Time: 10:01 AM
Signed by: LA CRUZ

CENTERLINE SITE ACQUISITION

Tracking Number:	**1Z9Y45030334170838**
Ship To:	CAROLINE SIMMONS MAYOR 888 WASHINGTON BOULEVARD 10TH FLOOR STAMFORD, CT 069012924 US
Number of Packages:	1
UPS Service:	UPS Ground
Package Weight:	1.0 LBS
Reference Number:	13678030

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UPS Delivery Notification, Tracking Number 1Z9Y45030313141613

UPS <pkginfo@ups.com>

Wed 1/24/2024 10:17 AM

To:Barbara Kassabian <bkassabian@clinellc.com>

Hello, your package has been delivered.

Delivery Date: Wednesday, 01/24/2024
Delivery Time: 10:15 AM
Left At: RECEIVER
Signed by: VINNIE

CENTERLINE SITE ACQUISITION

Tracking Number:	**1Z9Y45030313141613**
Ship To:	VERIZON WIRELESS 1 VERIZON WAY BASKING RIDGE, NJ 079201025 US
Number of Packages:	1
UPS Service:	UPS Ground
Package Weight:	1.0 LBS
Reference Number:	13678030

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