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

November 1, 2023

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

RE: Notice of Exempt Modification // Site: NAUGATUCK WEST CT (ATC: 283423)
880 Andrew Mountain Road, Naugatuck, CT 06770
N 41.48444981 // W -73.08978837

Dear Ms. Bachman,

Cellco Partnership d/b/a Verizon Wireless currently maintains six (6) antenna at the 106-ft level on the existing 119ft Tower, located at 880 Andrew Mountain Road, Naugatuck, CT. The tower is owned by American Tower. Verizon Wireless proposed modification involves the installation of (3) antennas, (2) OPVS, and four (4) interference mitigation filters on Verizon Wireless existing antenna platform and mounting assembly.

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

The planned modifications to the facility fall squarely within those activities explicitly provided for in R.C.S.A. § 16-50j-72(b)(2). Enclosed to accommodate this filing are construction drawings dated September 7, 2023, by A.T Engineering Services, LLC, a structural analysis dated August 30, 2023, by American Tower Corp., and a structural mount analysis by Colliers Engineering and Design dated July 21, 2023, and Non-Ionizing Electromagnetic Radiation (NIER) Study dated October 17, 2023, by Tower Engineering Professionals.

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

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

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

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

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

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

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

Sincerely,

Derek Maheux

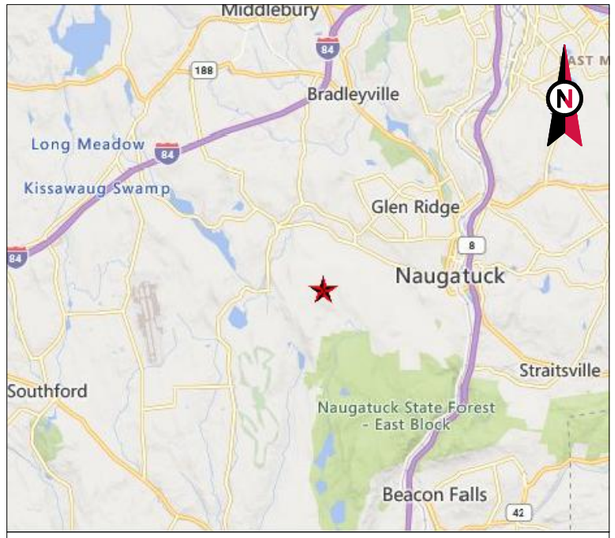
_____

Derek Maheux, Program Manager
c/o Cellco Partnership d/b/a Verizon Wireless
Centerline Communications, LLC
750 West Center Street, Suite 301
West Bridgewater, MA 02379
Mobile: (508) 649 2307
Dmaheux@clinellc.com

Attachments:
Exhibit 1 – Construction Drawings
Exhibit 2 – Property Card and GIS
Exhibit 3 – Structural Analysis
Exhibit 4 – Mount Analysis
Exhibit 5 – RF Emissions Analysis Report Evaluation
Exhibit 6 – Available Original Tower Approval Records
Exhibit 7 – Notice Deliver Confirmations

cc: N. Warren "Pete" Hess III – Mayor – Chief Elected Official
Lori Rotella – Town Planner - as P&Z official
Marjorie Pierce – as ground owner
American Tower Corporation - as tower owner

EXHIBIT 1



VICINITY MAP

AMERICAN TOWER®

ATC SITE NAME: NAUGATUCK CT
ATC SITE NUMBER: 283423
VERIZON SITE NAME: NAUGATUCK WEST CT
VERIZON SITE NUMBER: 5000382990
SITE ADDRESS: 880 ANDREW MOUNTAIN ROAD
NAUGATUCK, CT 06770

LOCATION MAP

VERIZON AMENDMENT DRAWINGS

COMPLIANCE CODE

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

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

DESIGN CRITERIA FROM TOWER STRUCTUAL ANALYSIS:

BASIC WIND SPEED:	117 MPH
BASIC WIND SPEED W/ ICE:	50 MPH
CODE(S):	ANSI/TIA-222-H / 2021 IBC / 2022 CONNECTICUT STATE BUILDING CODE
EXPOSURE CATEGORY:	B
RISK CATEGORY:	II
TOPO FACTOR PROCEDURE:	METHOD 2
FEATURE:	HILL
CREST HEIGHT (H):	220 FT
CREST LENGTH (L):	1920 FT
SPECTRAL RESPONSE:	S_S=0.20, S_1=0.05
SITE CLASS:	D-STIFF SOIL- DEFAULT

INFORMATION TAKEN FROM STRUCTURAL ANALYSIS COMPLETED BY ATC, DATED 08-31-2023.

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:

880 ANDREW MOUNTAIN ROAD
NAUGATUCK, CT 06770
COUNTY: NEW HAVEN

GEOGRAPHIC COORDINATES:

LATITUDE: 41.48444981
LONGITUDE: -73.08978837
GROUND ELEVATION: 855' AMSL

PROJECT TEAM

TOWER OWNER:

AMERICAN TOWER
10 PRESIDENTIAL WAY
WOBURN, MA 01801

APPLICANT:

VERIZON WIRELESS

ENGINEER:

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

PROPERTY OWNER:

FRANKLIN B ANDREW JR
880 ANDREW MOUNTAIN ROAD
NAUGATUCK, CT 06770

PROJECT DESCRIPTION

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

REMOVE (2) OVP(S)

INSTALL (2) SWIVEL MOUNT, (4) FILTER(s), (3) ANTENNA(S), AND (2) OVP(S)

EXISTING (6) ANTENNA(s), (6) RRH(s), (3) DIPLEXER(s), AND (2) 1-1/4" HYBRIFLEX CABLE(s) TO REMAIN

PROJECT NOTES

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

PROJECT LOCATION DIRECTIONS

FROM DOWNTOWN NEW HAVEN CT START OUT GOING NORTHEAST ON CHURCH ST TOWARD WALL ST. TURN LEFT ONTO GROVE ST. GROVE ST BECOMES TOWER PKWY. TOWER PKWY BECOMES WHALLEY AVE. TURN SLIGHT LEFT ONTO AMITY RD/CT-63. CONTINUE TO FOLLOW CT-63. TURN LEFT TO STAY ON CT-63. TURN LEFT ONTO SCOTT ST. TAKE THE 3RD LEFT ONTO ANDREW AVE. TURN RIGHT ONTO ANDREW MOUNTAIN RD. 946 ANDREW MOUNTAIN RD, NAUGATUCK, CT 06770-3643, 946 ANDREW MOUNTAIN RD IS ON THE LEFT.

SHEET INDEX

SHEET NO:	DESCRIPTION:	REV:	DATE:	BY:
G-001	TITLE SHEET	0	9/7/2023	JM
G-002	GENERAL NOTES	0	9/7/2023	JM
C-101	DETAILED SITE PLAN	0	9/7/2023	JM
C-201	TOWER ELEVATION	0	9/7/2023	JM
C-401	ANTENNA INFORMATION & SCHEDULE	0	9/7/2023	JM
C-501	CONSTRUCTION DETAILS	0	9/7/2023	JM
E-501	GROUNDING DETAILS	0	9/7/2023	JM
R-601	SUPPLEMENTAL			

CONTRACTOR PMI REQUIREMENTS

PMI ACCESSED AT:	HTTPS://PMI.VZWSMART.COM
SMART TOOL VENDOR PROJECT NUMBER:	10207608
VZW LOCATION CODE (PSLC):	5000382990

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

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

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

REV.	DESCRIPTION	BY	DATE
0	FOR CONSTRUCTION	JM	9/7/2023

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283423
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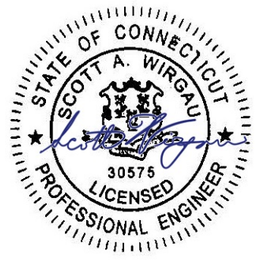
NAUGATUCK, CT 06770

SEAL:



verizon

ATC JOB NO:	14519450_G0
CUSTOMER ID:	NAUGATUCK WEST CT
CUSTOMER #:	5000382990

TITLE SHEET

SHEET NUMBER:	REVISION:
G-001	0

GENERAL CONSTRUCTION NOTES:

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

SPECIAL CONSTRUCTION ANTENNA INSTALLATION NOTES:

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

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

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

REV.	DESCRIPTION	BY	DATE
0	FOR CONSTRUCTION	JM	9/7/2023

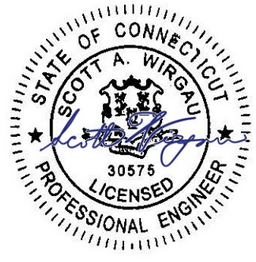
ATC SITE NUMBER:
283423

ATC SITE NAME:
NAUGATUCK CT

VERIZON SITE NAME:
NAUGATUCK WEST CT

SITE ADDRESS:
880 ANDREW MOUNTAIN ROAD
NAUGATUCK, CT 06770

SEAL:



Digitally Signed: 2023-09-07

verizon

ATC JOB NO:	14519450_G0
CUSTOMER ID:	NAUGATUCK WEST CT
CUSTOMER #:	5000382990

GENERAL NOTES

SHEET NUMBER:	REVISION:
G-002	0

SITE PLAN NOTES:

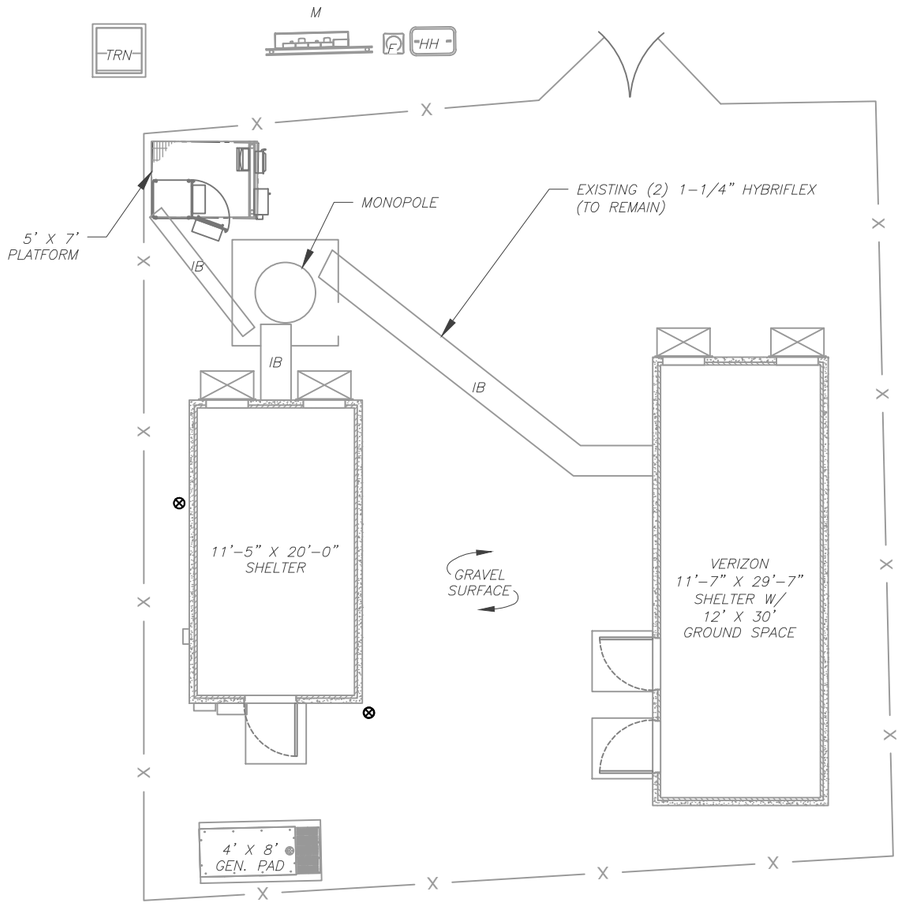
1. THIS SITE PLAN REPRESENTS THE BEST PRESENT KNOWLEDGE AVAILABLE TO THE ENGINEER AT THE TIME OF THIS DESIGN. THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO CONSTRUCTION AND VERIFY ALL EXISTING CONDITIONS RELATED TO THE SCOPE OF WORK FOR THIS PROJECT.

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

3. NO ELECTRICAL SCOPE IS INCLUDED IN THIS PROJECT.

LEGEND

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



1 DETAILED SITE PLAN

GRAPHIC SCALE

10 0 5 10

(IN FEET)
1 UNIT = 10 FEET

N

AMERICAN TOWER®

A.T. ENGINEERING SERVICES LLC

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

REV.	DESCRIPTION	BY	DATE
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VERIZON SITE NAME:
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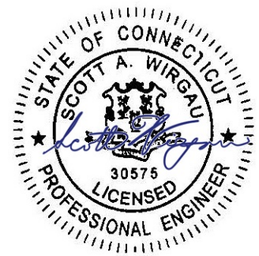
880 ANDREW MOUNTAIN ROAD
NAUGATUCK, CT 06770

SEAL:



Digitally Signed: 2023-09-07

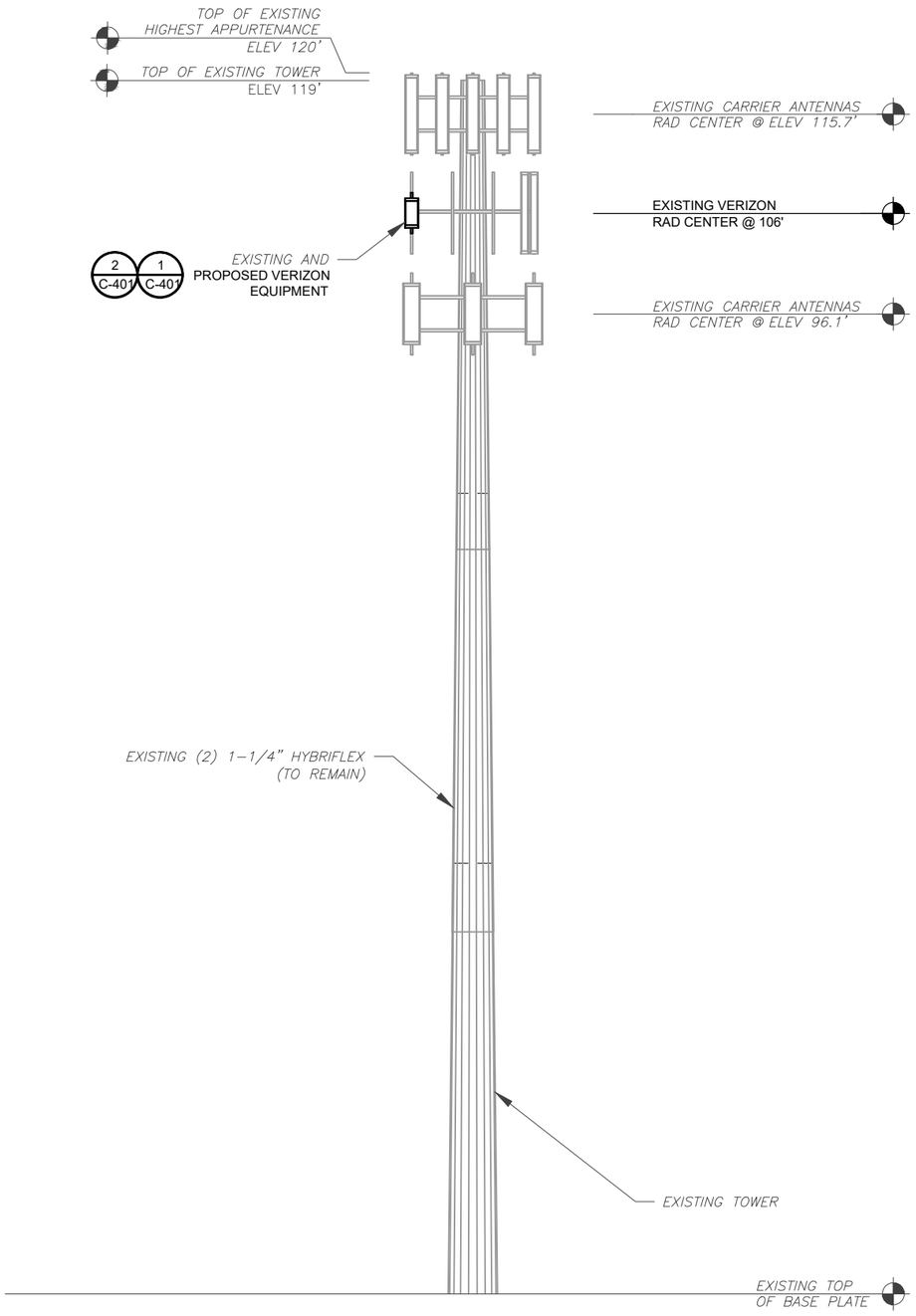
verizon

ATC JOB NO:	14519450_G0
CUSTOMER ID:	NAUGATUCK WEST CT
CUSTOMER #:	5000382990

DETAILED SITE PLAN

SHEET NUMBER:	REVISION:
C-101	0

PER MOUNT ANALYSIS COMPLETED BY COLLIERS, DATED 07/21/2023, THE EXISTING MOUNT CAN ADEQUATELY SUPPORT THE PROPOSED LOADING.



1 TOWER ELEVATION
SCALE: N.T.S.

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

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

REV.	DESCRIPTION	BY	DATE
0	FOR CONSTRUCTION	JM	9/7/2023

ATC SITE NUMBER:
283423
ATC SITE NAME:
NAUGATUCK CT
VERIZON SITE NAME:
NAUGATUCK WEST CT
SITE ADDRESS:
880 ANDREW MOUNTAIN ROAD
NAUGATUCK, CT 06770

SEAL:

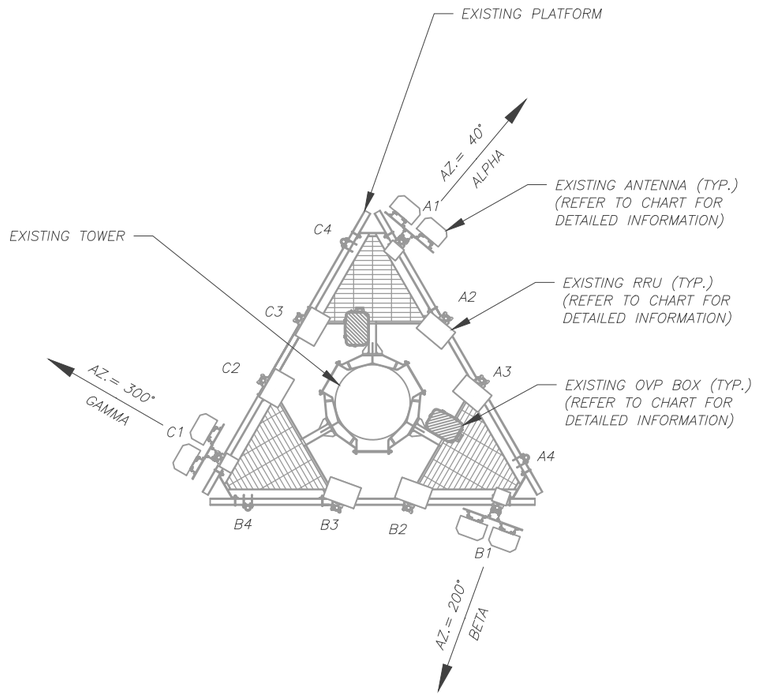
Digitally Signed: 2023-09-07

verizon

ATC JOB NO:	14519450_G0
CUSTOMER ID:	NAUGATUCK WEST CT
CUSTOMER #:	5000382990

TOWER ELEVATION

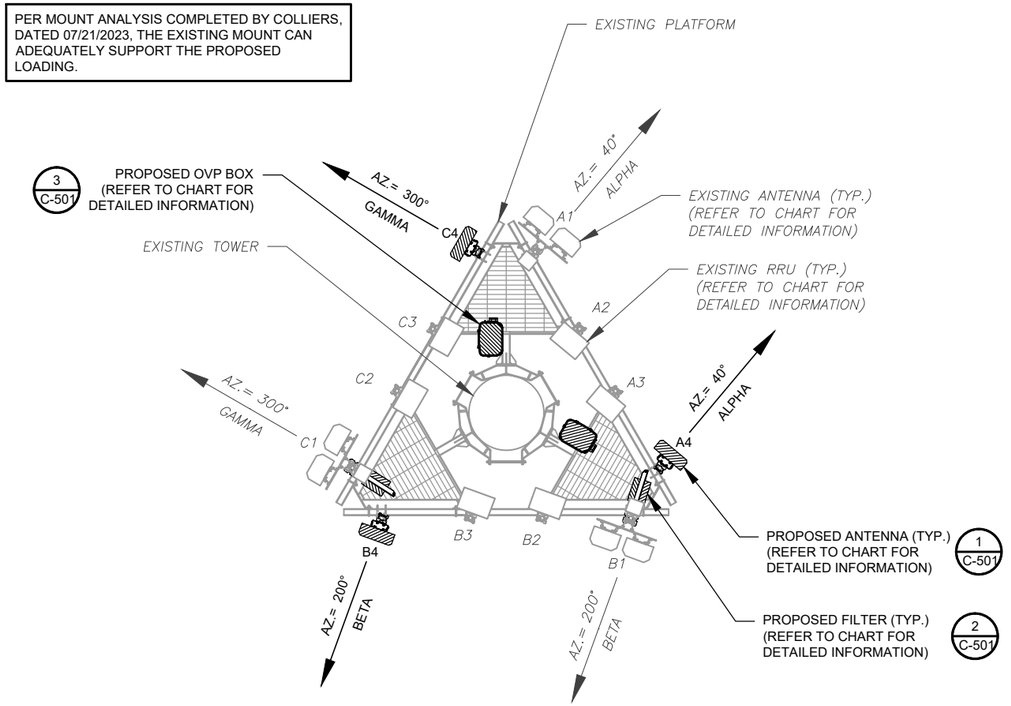
SHEET NUMBER:	REVISION:
C-201	0



1 EXISTING ANTENNA PLAN

SCALE: N.T.S.

PER MOUNT ANALYSIS COMPLETED BY COLLIERS, DATED 07/21/2023, THE EXISTING MOUNT CAN ADEQUATELY SUPPORT THE PROPOSED LOADING.



2 FINAL ANTENNA PLAN

SCALE: N.T.S.

EXISTING ANTENNA SCHEDULE								
LOCATION			ANTENNA SUMMARY				NON ANTENNA SUMMARY	
SECTOR	RAD	AZ	POS	ANTENNA	BAND	STATUS	ADDITIONAL TOWER MOUNTED EQUIPMENT	STATUS
ALPHA	106'	40°	A1	(2) JAHH-45B-R3B	700/850/1900/2100 LTE	RMN	CBC78T-DS-43-2X	RMN
			A2	–	–	–	B2/B66A RRH-BR049	RMN
			A3	–	–	–	B5/B13 RRH-BR04C	RMN
			A4	–	–	–	–	–
BETA	106'	200°	B1	(2) JAHH-65B-R3B	700/850/1900/2100 LTE	RMN	CBC78T-DS-43-2X	RMN
			B2	–	–	–	B2/B66A RRH-BR049	RMN
			B3	–	–	–	B5/B13 RRH-BR04C	RMN
			B4	–	–	–	–	–
GAMMA	106'	300°	C1	(2) JAHH-65B-R3B	700/850/1900/2100 LTE	RMN	CBC78T-DS-43-2X	RMN
			C2	–	–	–	B2/B66A RRH-BR049	RMN
			C3	–	–	–	B5/B13 RRH-BR04C	RMN
			C4	–	–	–	–	–

NOTES

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

STATUS ABBREVIATIONS

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

CABLE LENGTHS FOR JUMPERS

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

FINAL ANTENNA SCHEDULE								
LOCATION			ANTENNA SUMMARY				NON ANTENNA SUMMARY	
SECTOR	RAD	AZ	POS	ANTENNA	BAND	STATUS	ADDITIONAL TOWER MOUNTED EQUIPMENT	STATUS
ALPHA	106'	40°	A1	(2) JAHH-45B-R3B	700/850/1900/2100 LTE	RMN	CBC78T-DS-43-2X	RMN
			A2	-	-	-	B2/B66A RRH-BR049	RMN
			A3	-	-	-	B5/B13 RRH-BR04C	RMN
			A4	MT6407-77A	L-SUB6 5G	ADD	-	-
BETA	106'	200°	B1	(2) JAHH-65B-R3B	700/850/1900/2100 LTE	RMN	CBC78T-DS-43-2X	RMN
							(2) KA-6030	ADD
			B2	-	-	-	B2/B66A RRH-BR049	RMN
			B3	-	-	-	B5/B13 RRH-BR04C	RMN
			B4	MT6407-77A	L-SUB6 5G	ADD	-	-
GAMMA	160'	300°	C1	(2) JAHH-65B-R3B	700/850/1900/2100 LTE	RMN	CBC78T-DS-43-2X	RMN
							(2) KA-6030	ADD
			C2	-	-	-	B2/B66A RRH-BR049	RMN
			C3	-	-	-	B5/B13 RRH-BR04C	RMN
			C4	MT6407-77A	L-SUB6 5G	ADD	-	-

EXISTING FIBER DISTRIBUTION/OVP BOX		EXISTING CABLING SUMMARY	
MODEL NUMBER	STATUS	CABLE QTY, SIZE, TYPE	STATUS
–	RMN	(2) 1-1/4" HYBRIFLEX	RMN
(2) RCMDC-6627-PF-48	RMV	----	RMV

3 EQUIPMENT SCHEDULES

FINAL FIBER DISTRIBUTION / OVP BOX		FINAL CABLING SUMMARY	
MODEL NUMBER	STATUS	CABLE QTY, SIZE, TYPE	STATUS
–	RMN	(2) 1-1/4" HYBRIFLEX	RMN
(2) RRFDC-3315-PF-48	ADD	----	ADD

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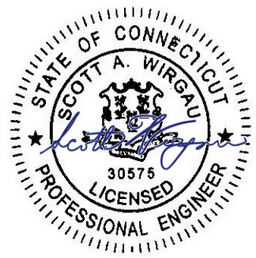
NAUGATUCK, CT 06770

SEAL:



Digitally Signed: 2023-09-07

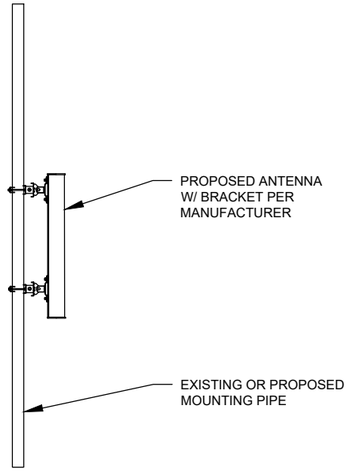
verizon

ATC JOB NO:	14519450_G0
CUSTOMER ID:	NAUGATUCK WEST CT
CUSTOMER #:	5000382990

ANTENNA INFORMATION & SCHEDULE

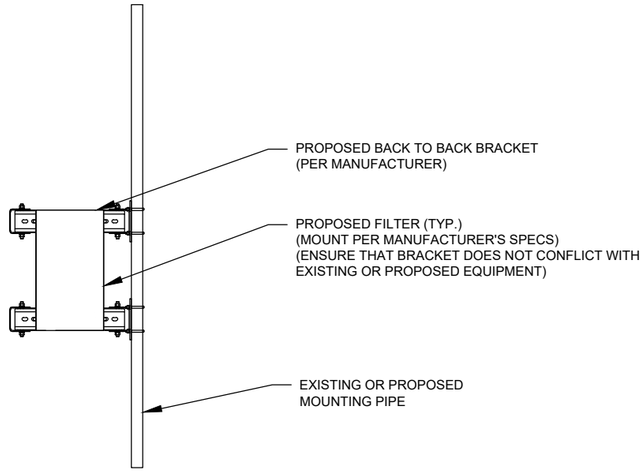
SHEET NUMBER:	REVISION:
C-401	0

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



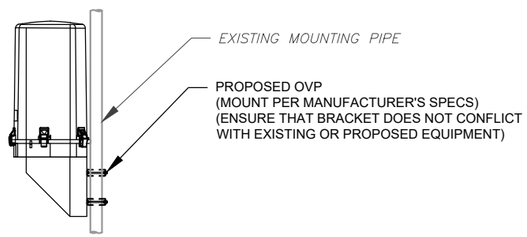
1 PROPOSED 5G ANTENNA MOUNTING DETAIL - TYPICAL

SCALE: N.T.S.



2 PROPOSED FILTER MOUNTING DETAIL - TYPICAL

SCALE: N.T.S.



3 PROPOSED OVP MOUNTING DETAIL - TYPICAL

SCALE: N.T.S.

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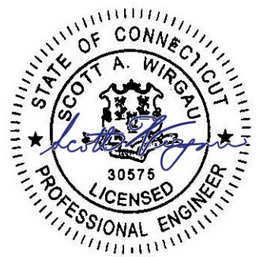
NAUGATUCK, CT 06770

SEAL:



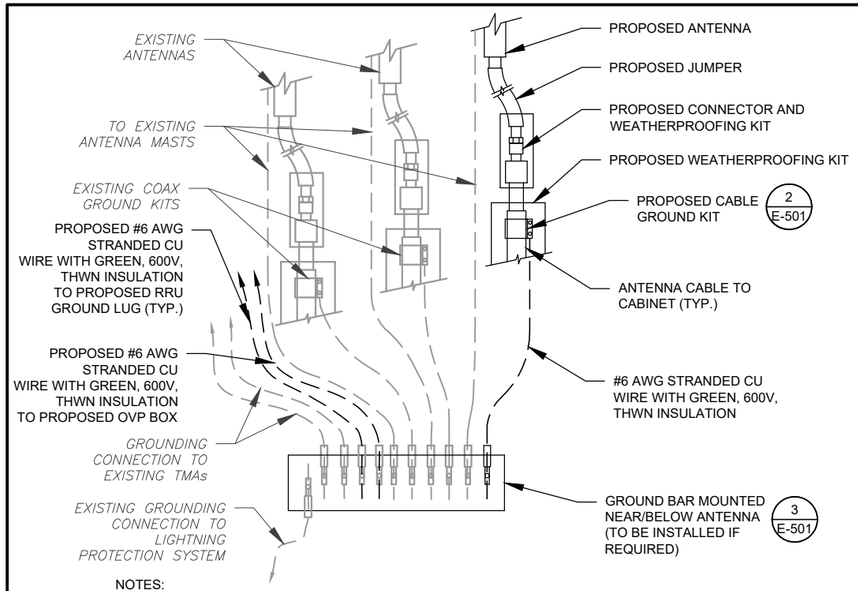
Digitally Signed: 2023-09-07

verizon

ATC JOB NO:	14519450_G0
CUSTOMER ID:	NAUGATUCK WEST CT
CUSTOMER #:	5000382990

CONSTRUCTION DETAILS

SHEET NUMBER:	REVISION:
C-501	0

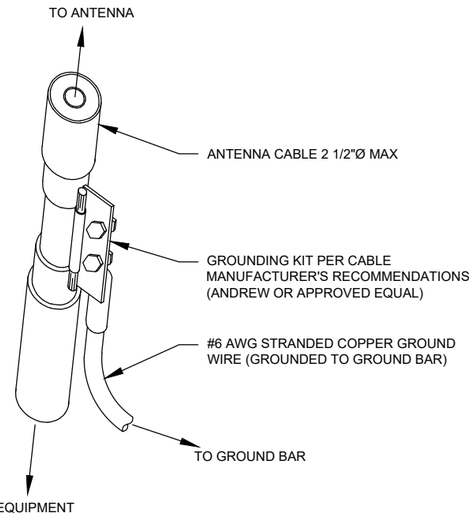


NOTES:

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

1 TYPICAL ANTENNA GROUNDING DIAGRAM

SCALE: N.T.S.

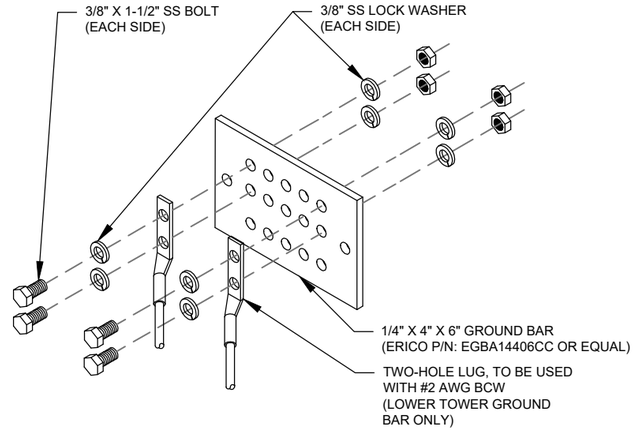


GROUND KIT NOTES:

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

2 CABLE GROUND KIT CONNECTION DETAIL

SCALE: N.T.S.



GROUND BAR NOTES:

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

3 TOWER GROUND BAR DETAIL

SCALE: N.T.S.

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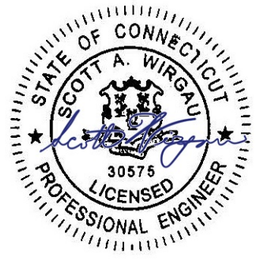


Digitally Signed: 2023-09-07

verizon

ATC JOB NO:	14519450_G0
CUSTOMER ID:	NAUGATUCK WEST CT
CUSTOMER #:	5000382990

GROUNDING DETAILS

SHEET NUMBER:	REVISION:
E-501	0

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

Antenna Mount Analysis Report and PMI Requirements

Mount ReAnalysis

SMART Tool Project #: 10207608
Colliers Engineering & Design CT. P.C. Project #: 23777182

July 21, 2023

Site Information	*Site ID:*	*5000382990-VZW / NAUGATUCK WEST CT*
	Site Name:	*NAUGATUCK WEST CT*
	Carrier Name:	*Verizon Wireless*
	Address:	*880 Andrew Mountain Rd* *Naugatuck, Connecticut 06770* *New Haven County*
	Latitude:	*41.484453°*
	Longitude:	*-73.089844°*
Structure Information	*Tower Type:*	*Monopole*
	Mount Type:	*12.50-Ft Platform*

FUZE ID # 17123834

Analysis Results

Platform: **41.8% Pass***

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

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

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

Report Prepared By: Selene Chen

STATE OF CONNECTICUT · DEJIAN XU · No. 33733 · LICENSED PROFESSIONAL ENGINEER
07/21/2023

Requirements:

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

Contractor shall verify modifications detailed in Construction Drawings by Maser Consulting Connecticut dated 06/11/2021 have been installed prior to installation of equipment. **Escalate any discrepancies to EOR immediately as it may render the results of this analysis invalid and require additional modifications**.

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

Attachments:

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

1 MOUNT ANALYSIS

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

SUPPLEMENTAL

SHEET NUMBER:	REVISION:
R-601	0

KA-6030

TWIN BANDSTOP 900MHZ INTERFERENCE MITIGATION FILTER

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

FEATURES

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

TECHNICAL SPECIFICATIONS

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

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

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

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

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

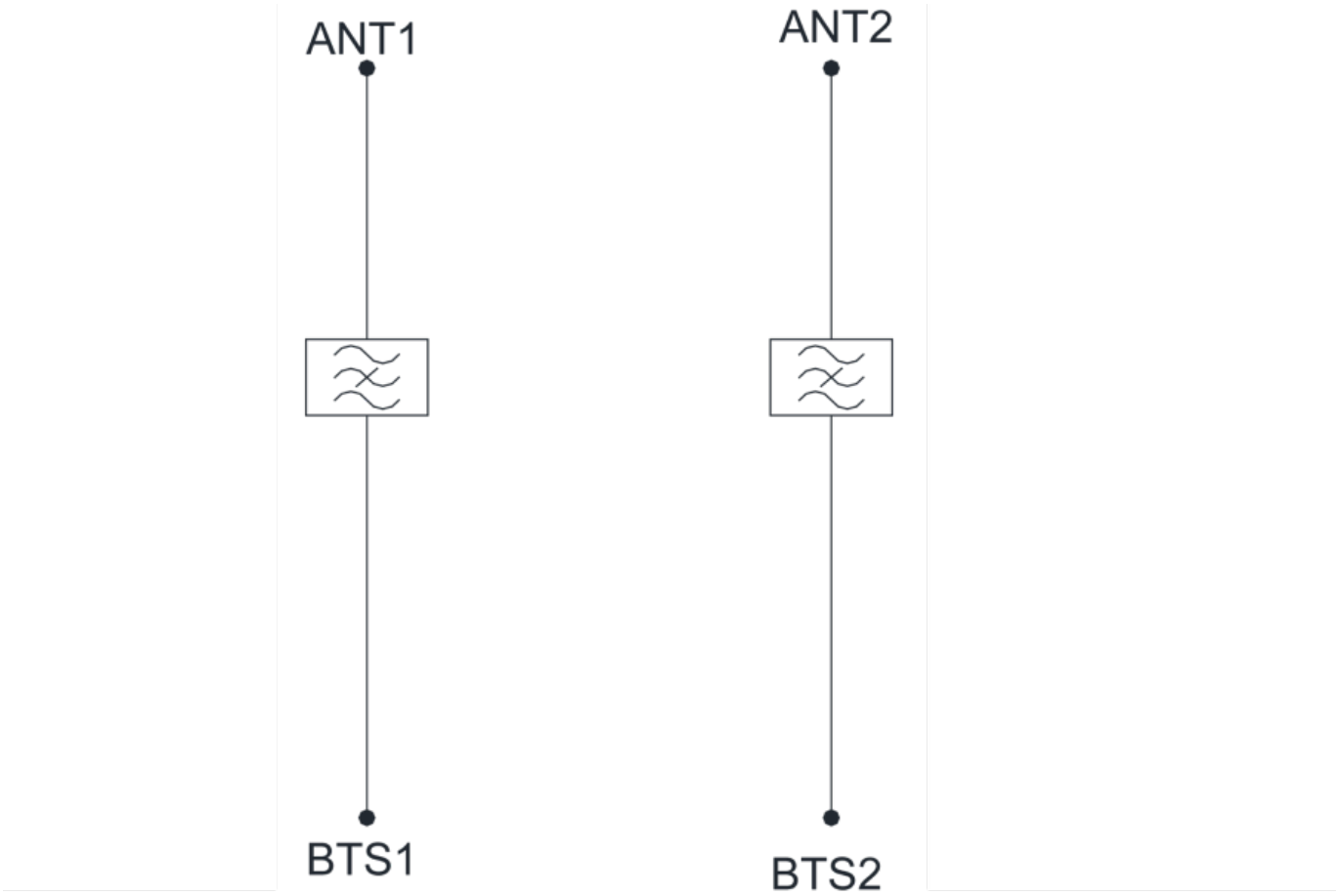
Contact Us: +1 303 768 8080 | +61 (0) 7 3907 1200 | www.kaelus.com

ORDERING INFORMATION

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

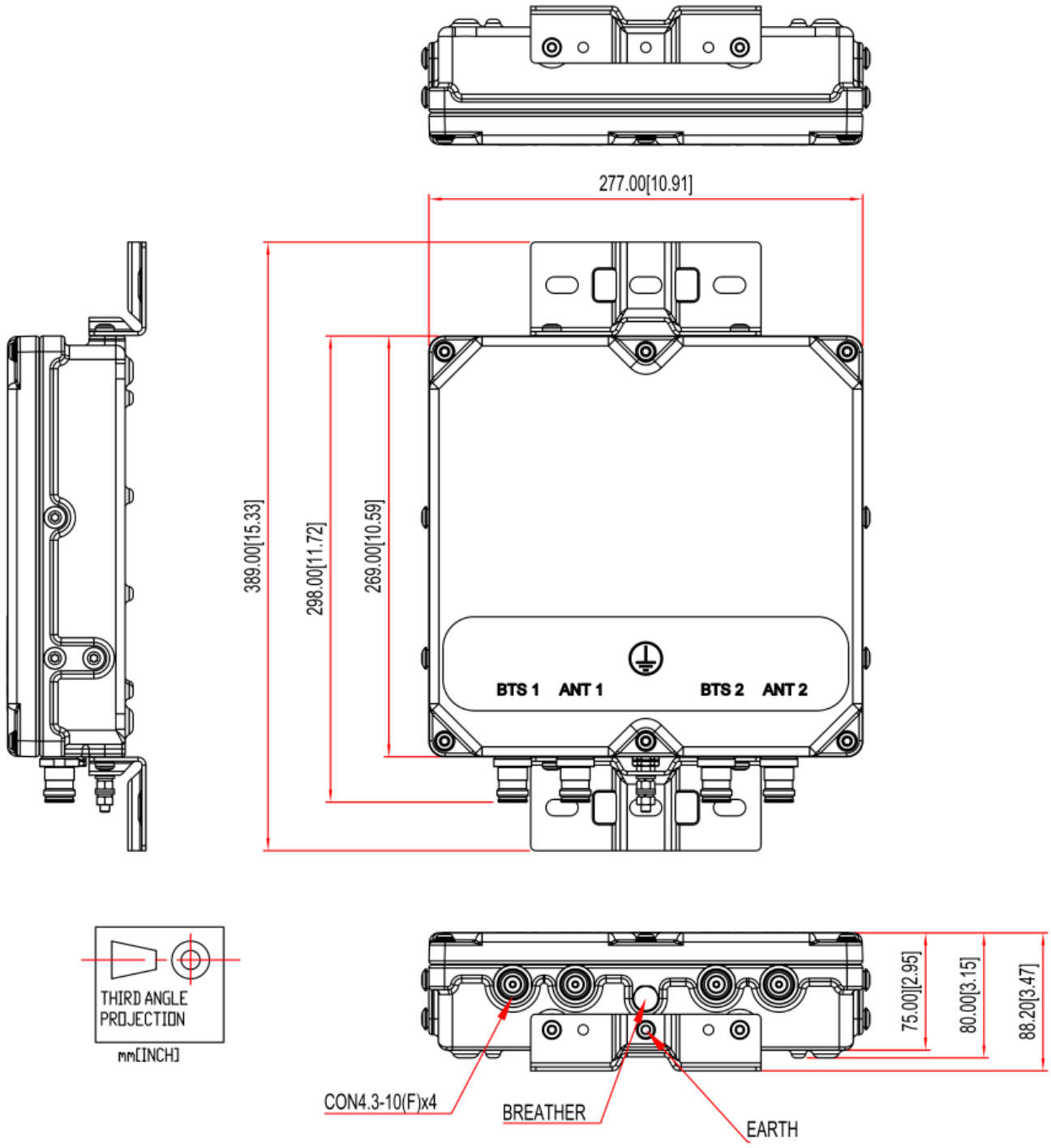
Contact Us: +1 303 768 8080 | +61 (0) 7 3907 1200 | www.kaelus.com

ELECTRICAL BLOCK DIAGRAM



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

MECHANICAL BLOCK DIAGRAM



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

EXHIBIT 2

Naugatuck

Unique ID: 002-0301 **Card No:** 1 Of 1

Location:	880 ANDREW MOUNTAIN RD	Map Id:	15-23	Zone:		Date Printed:	10/12/2023
		Neighborhood:	07			Last Update:	10/12/2023

Owner Of Record	Volume/Page	Date	Sales Type	Valid	Sale Price
PIERCE MARJORIE	0954/0258	12/17/2014	Quit Claim	No	0
111 BIRCH LA, NAUGATUCK, CT 06770			Exempt		
Prior Owner History					
ANDREW FRANKLIN BROOKS EST	0932/0275	8/8/2013	Quit Claim	No	0

Permit Number	Date	Permit Description
B-003400	4/23/2015	REPLACEMENT OF THREE ANTENNAS ON EXISTING TOWER.
B-001446	9/10/2014	INSTALL NEW 120' MONOPOLE, ATTS 12'X20' SHELTER AND ASSOCIATED APPORTNANCES ON THE TOWER. REMOVE EXI

Supplemental Data

Census/Tract	345300	VisionPID	129166
Dev Map ID	BOOK 42 PG 11	Alt Parcel ID	002-0301
GIS ID		TC MAP	BOOK 42 PG 11
Route		Old MBL	AO07 6W153 42 11
District			
Utilities			

Appraised Value

Total Land Value	66,800
Total Building Value	199,400
Total Outbldg Value	0
Total Market Value	266,200

Acres

Land Type	Acres	490	Total Value
House Lot	1.00	0.00	
Excess	0.72	0.00	
Total			66,800

State Item Codes

Code	Quantity	Value
13-Residential Dwelling	1.00	139.580
11-Residential Land	1.00	42.700
12-Residential Excess Land	0.72	4.060

Assessment History (Prior Years as of Oct 1)

	2023	2022	2021	2020	2019
Land	46,760	46,760	49,020	49,020	49,020
Building	139,580	139,580	81,460	81,460	81,460
Outbuilding	0	0	0	0	0
Total	**186,340**	**186,340**	**130,480**	**130,480**	**130,480**

490 Appraised Totals

Type	Acres	Value	Type	Acres	Value
			Totals	**0.00**	**0**

Application Date: **Expiration Date:**

Comments

2/15/2022 ;MAP 42-11

Unique ID: 002-0301 Naugatuck **Card No:** 1 Of 1

Location:	880 ANDREW MOUNTAIN RD
Map Id:	15-23

General Description	
Building Use	Single Family
Units	
Overall Condition	Good
Class	C
Stories	1.00
Design (Style)	Ranch
Construction	Wood Frame
Year Built	2000
Percent Complete	100
Finished Area	**792**

Foundation	
Basement Area	792
Finished Basement	0
Garage Bays	0
Outside Entry	No
Sump Pump	No

HVAC	
Heating Type	Hot Water
Fuel	Oil
Cooling Type	None

Interior	
Floors	Hardwood
Attic Access	No
Walls	Drywall
Bath Cond	
Kitchen Cond	

Exterior	
Exterior	Log Cabin
Roof Cover	Asphalt
Roof Type	Gable

Special Features	
Type	**Count/Area**
Gas Fireplace	1

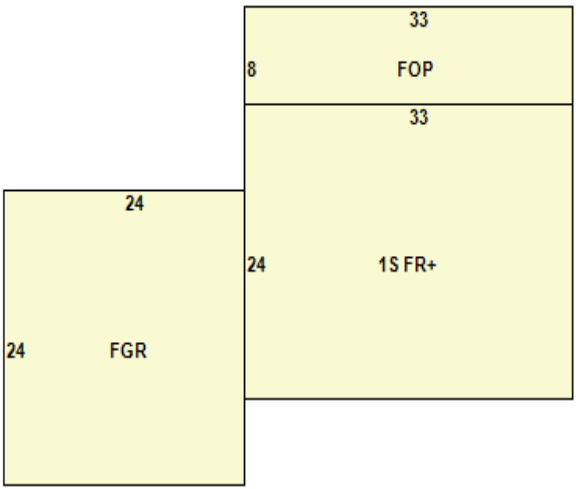
Room Summary				
Total	**Bedroom**	**Kitchens**	**Full Baths**	**Half Baths**
3	2	1	1	0

Description	Area/Qty
Base Rate	792
Basement	792
Full Baths	1
Gas Fireplace	1

Attached Components

Type	Year	Area
Open Porch	2000	264
Frame Garage	2000	576

Total Building Value: **199,400**



Detached Component Computations

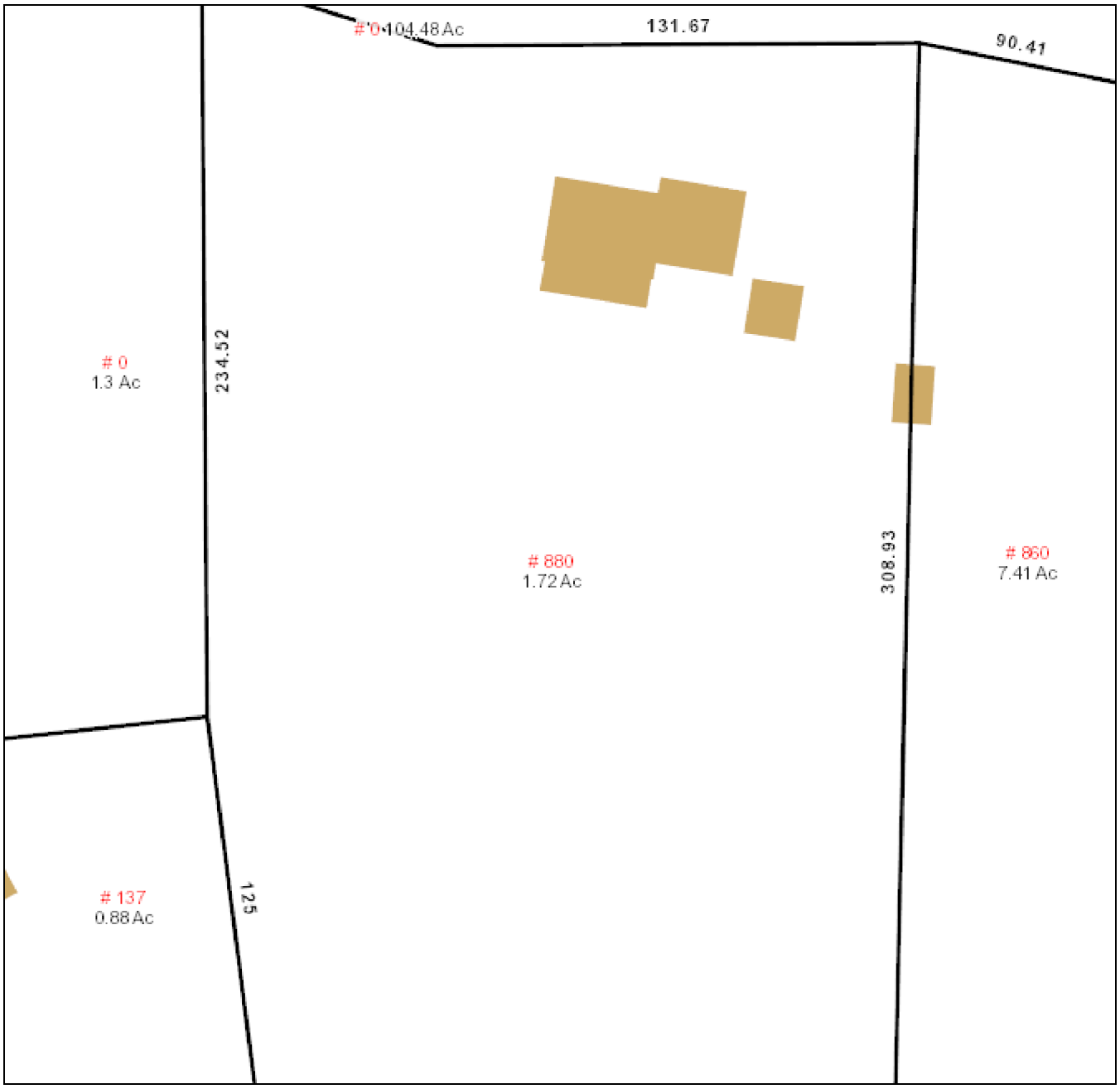
Type	Year	Condition	Area/Qty

Type	Year	Condition	Area/Qty

The Borough of Naugatuck

Geographic Information System (GIS)

Date Printed: 10/12/2023



MAP DISCLAIMER - NOTICE OF LIABILITY

This map is for assessment purposes only. It is not for legal description or conveyances. All information is subject to verification by any user. The Borough of Naugatuck and its mapping contractors assume no legal responsibility for the information contained herein.

Approximate Scale: 1 inch = 50 feet

0 50 Feet

N W E S

EXHIBIT 3

AMERICAN TOWER®
CORPORATION

Structural Analysis Report

Structure	:	119 ft Monopole
ATC Asset Name	:	NAUGATUCK CT
ATC Asset Number	:	283423
Engineering Number	:	14519450_C3_02
Proposed Carrier	:	VERIZON WIRELESS
Carrier Site Name	:	NAUGATUCK WEST CT
Carrier Site Number	:	5000382990
Site Location	:	880 Andrew Mountain Road Naugatuck, CT 06770-3656 41.4844° N, 73.0898° W
County	:	New Haven
Date	:	August 30, 2023
Max Usage	:	56%
Analysis Result	:	Pass

Created By:

Sarah Kramer
Structural Engineer I

Sarah D. Kramer

COA: PEC.0001553

Introduction

The purpose of this report is to summarize results of a structural analysis performed on the 119 ft Monopole tower to reflect the change in loading by VERIZON WIRELESS.

Supporting Documents

Tower:	TransAmerican DaVinci Job #11235-1298, dated June 14, 2011
Foundation:	TransAmerican DaVinci Job #11235-1298, dated June 14, 2011
Geotechnical:	Terracon Project #J2115128, dated May 10, 2011

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:	117 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 2
Feature:	Hill
Crest Height (H):	220 ft
Crest Length (L):	1920 ft
Spectral Response:	Ss = 0.20, S_1 = 0.05
Site Class:	D - Stiff Soil - Default

Conclusion

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

If you have any questions or require additional information, please contact American Tower Engineering via email at **Engineering@americantower.com.** Please include the American Tower asset name, asset number, and engineering number in the subject line for any questions.

Structure Usages

Structural Component	Usage	Control	Result
Pole Shaft	55.8%	1.2D + 1.0W	Pass
Base Plate @ 0.0 ft	49.1%	Rods	Pass
Pier	41.3%	Flexure [Steel]	Pass
Mat & Pier	39.6%	Moment [Soil]	Pass

Maximum Reactions

Foundation	Moment (k-ft)	Axial (k)	Shear (k)
Monopole Base	2,123.2	36.0	24.8

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
109.0	2	Raycap RRFDC-3315-PF-48	(2) 1 1/4" Hybriflex Cable
106.0	1	Platform with Handrails	-
	2	Commscope JAHH-45B-R3B	
	3	Commscope CBC78T-DS-43-2X	
	3	Samsung B2/B66A RRH-BR049	
	3	Samsung B5/B13 RRH-BR04C	
	3	Samsung MT6407-77A	
	4	Commscope JAHH-65B-R3B	
	4	Kaelus KA-6030	

Install proposed lines outside the pole shaft. Stacking lines is not allowed.

Other Existing/Reserved Loading

Elev (ft)	Qty	Equipment	Lines	Carrier
121.0	3	Ericsson AIR 6419 B77G	-	AT&T MOBILITY
119.0	2	Raycap DC6-48-60-0-8F	(1) 0.39" (10mm) Fiber Trunk (2) 0.41" (10.3mm) Fiber (10) 0.78" (19.7mm) 8 AWG 6	AT&T MOBILITY
	3	CCI DMP65R-BU8D		
	3	Ericsson RRUS 32 B2		
	3	Ericsson RRUS 32 B30		
	3	Ericsson RRUS 32 B66A		
	3	Ericsson RRUS 4449 B5, B12		
	3	Ericsson RRUS 4478 B14 (15")		
	3	Ericsson RRUs 2012 B29 w/Fan		
	3	Quintel QD8616-7		
	3	Raycap DC6-48-60-18-8F		
118.0	1	Platform with Handrails	-	AT&T MOBILITY
117.0	3	Ericsson Air 6449 B77D	-	AT&T MOBILITY
96.0	1	Commscope RDIDC-9181-PF-48	(1) 1.60" (40.6mm) Hybrid	DISH WIRELESS L.L.C.
	1	Platform with Handrails		
	3	Fujitsu TA08025-B604		
	3	Fujitsu TA08025-B605		
	3	JMA Wireless MX08FRO665-21		

(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.

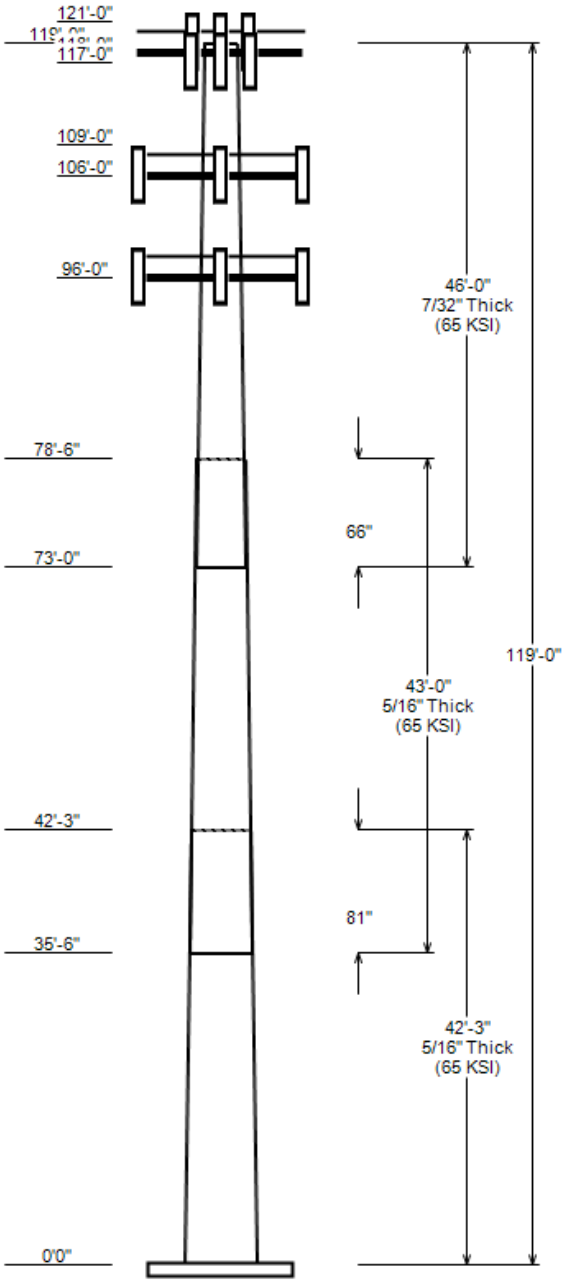
All services are performed, results obtained, and recommendations made in accordance with generally accepted engineering principles and practices. A.T. Engineering Services LLC is not responsible for the conclusions, opinions and recommendations made by others based on the information supplied herein.

ANALYSIS PARAMETERS

Nominal Wind:	117 mph	**Ice Wind:**	50 mph w/ 1" ice	**Service Wind:**	60 mph
Risk Category:	II	**Exposure:**	B	**S_s:** 0.196	**S_1:** 0.054
Topo Category:	0	**Topo Factor:**	Method 2	**Topo Feature:**	Hill
Structure Height:	119 ft	**Base Elevation:**	0.00 ft	**Structure Type:**	Taper
Base Diameter:	57 in	**Base Rotation:**	0°	**Taper:**	0.2570 (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	42.250	46.13	57.00	0.312		0.000	18 Sides	65
2	43.000	37.44	48.50	0.312	Slip Joint	81.000	18 Sides	65
3	46.000	27.46	39.29	0.219	Slip Joint	66.000	18 Sides	65



DISCRETE APPURTENANCE

Elev (ft)	Description
121.0	(3) Ericsson AIR 6419 B77G
119.0	(3) Raycap DC6-48-60-18-8F
119.0	(2) Raycap DC6-48-60-0-8F
119.0	(3) Ericsson RRUS 4478 B14 (15")
119.0	(3) Ericsson RRUs 2012 B29 w/Fan
119.0	(3) Ericsson RRUS 4449 B5, B12
119.0	(3) Ericsson RRUS 32 B66A
119.0	(3) Ericsson RRUS 32 B30
119.0	(3) Ericsson RRUS 32 B2
119.0	(3) CCI DMP65R-BU8D
119.0	(3) Quintel QD8616-7
118.0	(1) Generic Round Platform with Ha
117.0	(3) Ericsson Air 6449 B77D
109.0	(2) Raycap RRFDC-3315-PF-48
106.0	(3) Commscope CBC78T-DS-43-2X
106.0	(4) Kaelus KA-6030
106.0	(3) Samsung B5/B13 RRH-BR04C
106.0	(3) Samsung B2/B66A RRH-BR049
106.0	(3) Samsung MT6407-77A
106.0	(4) Commscope JAHH-65B-R3B
106.0	(2) Commscope JAHH-45B-R3B
106.0	(1) Generic Flat Platform with Han
96.0	(1) Commscope RDIDC-9181-PF-48
96.0	(3) Fujitsu TA08025-B605
96.0	(3) Fujitsu TA08025-B604
96.0	(3) JMA Wireless MX08FRO665-21
96.0	(1) Generic Flat Platform with Han

LINEAR APPURTENANCE

Elev To (ft)	Description
119.0	(10) 0.78" (19.7mm) 8 AWG 6
119.0	(2) 0.41" (10.3mm) Fiber
119.0	(1) 0.39" (10mm) Fiber Trunk
109.0	(2) 1 1/4" Hybriflex Cable
96.0	(1) 1.60" (40.6mm) Hybrid

GLOBAL BASE REACTIONS

Load Case	Moment (kip-ft)	Axial (kip)	Shear (kip)
1.2D + 1.0W	2123.19	36.02	24.82
0.9D + 1.0W	2109.29	27.01	24.81
1.2D + 1.0Di + 1.0Wi	570.09	51.33	6.87
1.2D + 1.0Ev + 1.0Eh	104.36	36.07	1.04
0.9D - 1.0Ev + 1.0Eh	103.48	24.92	1.04
1.0D + 1.0W	497.49	30.04	5.84

ANALYSIS PARAMETERS

Location:	New Haven County,CT	**Height:**	119 ft
Type and Shape:	Taper, 18 Sides	**Base Diameter:**	57.00 in
Manufacturer:	TransAmerican	**Top Diameter:**	27.46 in
K_d (non-service):	0.95	**Taper:**	0.2570 in/ft
K_e:	0.97	**Rotation:**	0.000º

ICE & WIND PARAMETERS

Risk Category:	II	**Design Wind Speed:**	117 mph
Exposure Category:	B	**Design Wind Speed w/ Ice:**	50 mph
Topo Factor Procedure:	Method 2	**Design Ice Thickness:**	1.00 in
		Service Wind Speed:	60 mph
		HMSL:	855.00 ft
Crest Height(H):	220 ft	**Distance from Apex (x):**	0 ft
Crest Length(L):	1920 ft	**Upwind/Downwind:**	Upwind
Feature:	Hill		

SEISMIC PARAMETERS

Analysis Method:	Equivalent Lateral Force Method				
Site Class:	D - Stiff Soil		**Period Based on Rayleigh Method (sec):**		1.66
T_L (sec):	6	**P:**	1	**C_s:**	0.035
S_s:	0.196	**S_1:**	0.054	**C_s Max:**	0.035
F_a:	1.600	**F_v:**	2.400	**C_s Min:**	0.030
S_{ds}:	0.209	**S_{d1}:**	0.086		

LOAD CASES

1.2D + 1.0W	117 mph Wind with No Ice
0.9D + 1.0W	117 mph Wind with No Ice (Reduced DL)
1.2D + 1.0Di + 1.0Wi	50 mph Wind with 1" Radial Ice
1.2D + 1.0Ev + 1.0Eh	Seismic
0.9D - 1.0Ev + 1.0Eh	Seismic (Reduced DL)
1.0D + 1.0W	60 mph Wind with No Ice

SHAFT SECTION PROPERTIES

Section	Length (ft)	Thick (in)	Fy (ksi)	Joint Type	Joint Len (in)	Weight (lb)	Bottom Dia (in)	Bottom Elev (ft)	Bottom Area (in²)	Bottom Ix (in⁴)	Bottom W/t Ratio	Bottom D/t Ratio	Top Dia (in)	Top Elev (ft)	Top Area (in²)	Top Ix (in⁴)	Top W/t Ratio	Top D/t Ratio	Taper (in/ft)
1-18	42.25	0.3125	65		0.00	7,309	57.00	0.000	56.22	22,827.4	30.40	182.40	46.13	42.25	45.45	12,056.	24.27	147.63	0.2572
2-18	43.00	0.3125	65	Slip	81.00	6,190	48.50	35.500	47.79	14,017.3	25.60	155.18	37.44	78.50	36.82	6,411.4	19.36	119.80	0.2572
3-18	46.00	0.2188	65	Slip	66.00	3,604	39.29	73.000	27.13	5,232.5	29.90	179.56	27.46	119.00	18.92	1,773.3	20.36	125.49	0.2572
			Total Shaft Weight			**17,103**													

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
121.00	Ericsson AIR 6419 B77G	3	0.75	0.000	66.10	3.797	0.65	135.24	4.736	0.65
119.00	CCI DMP65R-BU8D	3	0.75	0.000	95.70	17.871	0.63	337.91	20.497	0.63
119.00	Ericsson RRUS 32 B2	3	0.75	0.000	53.00	2.743	0.67	105.41	3.576	0.67
119.00	Ericsson RRUS 32 B30	3	0.75	0.000	60.00	2.743	0.67	112.43	3.576	0.67
119.00	Ericsson RRUS 32 B66A	3	0.75	0.000	50.70	2.720	0.67	102.93	3.549	0.67
119.00	Ericsson RRUS 4449 B5, B12	3	0.75	0.000	71.00	1.969	0.50	116.93	2.634	0.50
119.00	Ericsson RRUS 4478 B14 (15")	3	0.75	-1.000	59.40	1.650	0.50	94.82	2.254	0.50
119.00	Quintel QD8616-7	3	0.75	0.000	150.00	18.815	0.65	421.36	21.449	0.65
119.00	Ericsson RRUs 2012 B29 w/Fan	3	0.75	0.000	46.50	1.856	0.50	83.60	2.497	0.50
119.00	Raycap DC6-48-60-0-8F	2	0.75	0.000	32.80	1.360	1.00	74.23	1.833	1.00
119.00	Raycap DC6-48-60-18-8F	3	0.75	-1.000	20.00	1.260	0.50	57.52	1.729	0.50
118.00	Generic Round Platform with Ha	1	1.00	0.000	2500.00	27.200	1.00	3653.69	44.611	1.00
117.00	Ericsson Air 6449 B77D	3	0.75	0.000	81.60	4.028	0.65	154.79	5.007	0.65
109.00	Raycap RRFDC-3315-PF-48	2	0.75	0.000	26.90	2.512	0.67	83.34	3.250	0.67
106.00	Generic Flat Platform with Han	1	1.00	0.000	2500.00	42.400	1.00	3757.11	57.241	1.00
106.00	Commscope JAHH-45B-R3B	2	0.75	0.000	83.80	11.400	0.73	245.50	13.373	0.73
106.00	Commscope JAHH-65B-R3B	4	0.75	0.000	60.60	9.113	0.69	203.76	11.076	0.69
106.00	Samsung MT6407-77A	3	0.75	0.000	81.60	4.709	0.61	153.73	5.784	0.61
106.00	Samsung B2/B66A RRH-BR049	3	0.75	0.000	84.40	1.875	0.50	129.54	2.514	0.50
106.00	Samsung B5/B13 RRH-BR04C	3	0.75	0.000	70.30	1.875	0.50	110.78	2.514	0.50
106.00	Commscope CBC78T-DS-43-2X	3	0.75	0.000	20.70	0.552	0.50	36.33	0.911	0.50
106.00	Kaelus KA-6030	4	0.75	0.000	17.60	0.963	0.50	34.28	1.425	0.50
96.00	Commscope RDIDC-9181-PF-48	1	0.75	0.000	21.90	1.867	1.00	61.92	2.500	1.00
96.00	Fujitsu TA08025-B605	3	0.75	0.000	75.00	1.962	0.50	119.05	2.609	0.50
96.00	Fujitsu TA08025-B604	3	0.75	0.000	63.90	1.962	0.50	104.91	2.609	0.50
96.00	JMA Wireless MX08FRO665-21	3	0.75	0.000	64.50	12.489	0.64	245.24	14.465	0.64
96.00	Generic Flat Platform with Han	1	1.00	0.000	2500.00	42.400	1.00	3749.25	57.148	1.00
Totals	**Row Count: 27**	**72**			**11,764.90**			**20,847.83**		

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	119.00	10	0.78" (19.7mm) 8 AWG	0.78	0.59	N	0	0	0	0	0	N	AT&T MOBILITY
0.00	119.00	2	0.41" (10.3mm) Fiber	0.41	0.09	N	0	0	0	0	0	N	AT&T MOBILITY
0.00	119.00	1	0.39" (10mm) Fiber Tr	0.39	0.06	N	0	0	0	0	0	N	AT&T MOBILITY
0.00	109.00	2	1 1/4" Hybriflex Cabl	1.54	1	N	2	1.27	1.27	270	1.27	Y	VERIZON WIRELESS
0.00	96.00	1	1.60" (40.6mm) Hybrid	1.6	2.34	N	1	1.3	1.3	90	1.3	Y	DISH WIRELESS L.L.C.

SEGMENT PROPERTIES

Seg Top Elev (ft)	Description *(Max Length: 5 ft)*	Thick (in)	Flat Dia (in)	Area (in²)	Ix (in⁴)	W/t Ratio	D/t Ratio	F'y (ksi)	S (in³)	Z (in³)	Weight (lb)
0.00		0.3125	57.000	56.225	22,827.40	30.40	182.40	65.6	788.8	0.0	0.0
5.00		0.3125	55.714	54.949	21,308.90	29.67	178.29	66.5	753.3	0.0	945.8
10.00		0.3125	54.428	53.674	19,859.30	28.95	174.17	67.4	718.7	0.0	924.1
15.00		0.3125	53.142	52.399	18,477.00	28.22	170.06	68.2	684.8	0.0	902.4
20.00		0.3125	51.856	51.123	17,160.30	27.50	165.94	69.1	651.8	0.0	880.7

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)
25.00		0.3125	50.570	49.848	15,907.80	26.77	161.83	69.9	619.6	0.0	859.0
30.00		0.3125	49.285	48.572	14,717.70	26.05	157.71	70.8	588.2	0.0	837.3
35.00		0.3125	47.999	47.297	13,588.50	25.32	153.60	71.6	557.6	0.0	815.6
35.50	Bot - Section 2	0.3125	47.870	47.169	13,478.90	25.25	153.18	71.7	554.6	0.0	80.4
40.00		0.3125	46.713	46.022	12,518.60	24.59	149.48	72.5	527.8	0.0	1,436.5
42.25	Top - Section 1	0.3125	46.759	46.068	12,556.10	24.62	149.63	72.4	528.9	0.0	705.1
45.00		0.3125	46.052	45.366	11,991.20	24.22	147.37	72.9	512.9	0.0	427.8
50.00		0.3125	44.766	44.091	11,008.00	23.50	143.25	73.8	484.3	0.0	761.0
55.00		0.3125	43.480	42.815	10,080.10	22.77	139.14	74.6	456.6	0.0	739.3
60.00		0.3125	42.194	41.540	9,205.90	22.04	135.02	75.5	429.7	0.0	717.6
65.00		0.3125	40.908	40.264	8,383.70	21.32	130.91	76.3	403.7	0.0	695.9
70.00		0.3125	39.622	38.989	7,612.00	20.59	126.79	77.2	378.4	0.0	674.2
73.00	Bot - Section 3	0.3125	38.851	38.224	7,172.50	20.16	124.32	77.7	363.6	0.0	394.1
75.00		0.3125	38.336	37.714	6,889.10	19.87	122.68	78	353.9	0.0	441.8
78.50	Top - Section 2	0.2188	37.874	26.149	4,684.50	28.76	173.10	67.6	243.6	0.0	759.0
80.00		0.2188	37.488	25.882	4,542.00	28.45	171.33	67.9	238.6	0.0	132.8
85.00		0.2188	36.202	24.989	4,087.90	27.41	165.46	69.2	222.4	0.0	432.7
90.00		0.2188	34.916	24.096	3,665.10	26.38	159.58	70.4	206.7	0.0	417.6
95.00		0.2188	33.630	23.203	3,272.50	25.34	153.70	71.6	191.7	0.0	402.4
96.00		0.2188	33.373	23.024	3,197.50	25.13	152.53	71.8	188.7	0.0	78.6
100.00		0.2188	32.344	22.310	2,909.00	24.30	147.83	72.8	177.1	0.0	308.5
105.00		0.2188	31.059	21.417	2,573.50	23.27	141.95	74	163.2	0.0	372.0
106.00		0.2188	30.801	21.238	2,509.60	23.06	140.77	74.3	160.5	0.0	72.6
109.00		0.2188	30.030	20.702	2,324.50	22.44	137.25	75	152.5	0.0	214.1
110.00		0.2188	29.773	20.524	2,264.80	22.23	136.07	75.3	149.8	0.0	70.1
115.00		0.2188	28.487	19.631	1,981.90	21.19	130.20	76.5	137.0	0.0	341.6
117.00		0.2188	27.972	19.273	1,875.60	20.78	127.84	77	132.1	0.0	132.4
118.00		0.2188	27.715	19.095	1,824.00	20.57	126.67	77.2	129.6	0.0	65.3
119.00		0.2188	27.458	18.916	1,773.30	20.36	125.49	77.4	127.2	0.0	64.7
										Total:	**17,103.0**

CALCULATED FORCES

Load Case: 1.2D + 1.0W — 117 mph Wind with No Ice — 20 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	-36.02	-24.82	0.00	-2,123.2	0.00	2,123.19	3,321.87	986.75	5,051.94	3,883.62	0	0	0.558
5.00	-34.77	-24.27	0.00	-1,999.1	0.00	1,999.08	3,288.72	964.36	4,825.36	3,757.16	0.07	-0.13	0.543
10.00	-33.55	-23.73	0.00	-1,877.7	0.00	1,877.74	3,253.61	941.98	4,603.98	3,630.29	0.27	-0.26	0.528
15.00	-32.35	-23.20	0.00	-1,759.1	0.00	1,759.11	3,216.54	919.60	4,387.80	3,503.16	0.62	-0.39	0.513
20.00	-31.18	-22.69	0.00	-1,643.1	0.00	1,643.11	3,177.52	897.21	4,176.81	3,375.93	1.09	-0.52	0.497
25.00	-30.04	-22.19	0.00	-1,529.7	0.00	1,529.67	3,136.53	874.83	3,971.03	3,248.74	1.71	-0.65	0.481
30.00	-28.93	-21.70	0.00	-1,418.7	0.00	1,418.73	3,093.58	852.45	3,770.44	3,121.77	2.46	-0.78	0.464
35.00	-27.87	-21.42	0.00	-1,310.2	0.00	1,310.25	3,048.68	830.06	3,575.05	2,995.16	3.35	-0.91	0.447
35.50	-27.75	-21.17	0.00	-1,299.6	0.00	1,299.55	3,044.08	827.82	3,555.80	2,982.53	3.45	-0.93	0.445
40.00	-25.94	-20.81	0.00	-1,204.3	0.00	1,204.28	3,001.81	807.68	3,384.86	2,869.08	4.38	-1.05	0.429
42.25	-25.05	-20.54	0.00	-1,157.5	0.00	1,157.47	3,003.54	808.49	3,391.62	2,873.61	4.89	-1.11	0.412
45.00	-24.47	-20.14	0.00	-1,101.0	0.00	1,100.99	2,976.96	796.17	3,289.13	2,804.53	5.55	-1.18	0.401
50.00	-23.47	-19.62	0.00	-1,000.3	0.00	1,000.28	2,927.13	773.79	3,106.81	2,679.53	6.85	-1.31	0.382
55.00	-22.49	-19.10	0.00	-902.2	0.00	902.19	2,875.34	751.41	2,929.68	2,555.45	8.29	-1.43	0.362
60.00	-21.54	-18.58	0.00	-806.7	0.00	806.71	2,821.60	729.02	2,757.76	2,432.44	9.85	-1.55	0.340
65.00	-20.62	-18.06	0.00	-713.8	0.00	713.83	2,765.89	706.64	2,591.03	2,310.67	11.54	-1.67	0.317
70.00	-19.74	-17.64	0.00	-623.6	0.00	623.55	2,708.22	684.26	2,429.50	2,190.28	13.34	-1.78	0.293
73.00	-19.22	-17.38	0.00	-570.6	0.00	570.63	2,672.68	670.83	2,335.08	2,118.77	14.48	-1.85	0.277
75.00	-18.65	-17.10	0.00	-535.9	0.00	535.86	2,648.59	661.87	2,273.17	2,071.43	15.27	-1.89	0.266
78.50	-17.69	-16.82	0.00	-476.0	0.00	476.03	1,590.36	458.92	1,560.74	1,234.68	16.68	-1.96	0.398
80.00	-17.50	-16.51	0.00	-450.8	0.00	450.79	1,582.58	454.22	1,528.93	1,215.98	17.3	-1.99	0.383
85.00	-16.91	-16.03	0.00	-368.2	0.00	368.24	1,555.39	438.55	1,425.25	1,153.62	19.46	-2.12	0.331
90.00	-16.33	-15.55	0.00	-288.1	0.00	288.10	1,526.24	422.88	1,325.22	1,091.30	21.75	-2.24	0.276

CALCULATED FORCES

95.00	-15.78	-15.26	0.00	-210.4	0.00	210.35	1,495.13	407.20	1,228.82	1,029.18	24.15	-2.33	0.216
96.00	-12.05	-11.85	0.00	-195.1	0.00	195.09	1,488.67	404.07	1,209.98	1,016.80	24.64	-2.35	0.201
100.00	-11.64	-11.44	0.00	-147.7	0.00	147.67	1,462.05	391.53	1,136.06	967.43	26.64	-2.41	0.161
105.00	-11.15	-11.15	0.00	-90.5	0.00	90.49	1,427.03	375.86	1,046.94	906.20	29.2	-2.47	0.109
106.00	-6.74	-6.76	0.00	-79.3	0.00	79.33	1,419.78	372.73	1,029.56	894.03	29.72	-2.48	0.094
109.00	-6.40	-6.46	0.00	-59.0	0.00	59.05	1,397.59	363.32	978.27	857.70	31.28	-2.5	0.074
110.00	-6.32	-6.20	0.00	-52.6	0.00	52.59	1,390.04	360.19	961.47	845.65	31.81	-2.51	0.067
115.00	-5.88	-5.89	0.00	-21.6	0.00	21.58	1,351.09	344.52	879.63	785.93	34.45	-2.53	0.032
117.00	-5.43	-5.47	0.00	-9.8	0.00	9.80	1,334.96	338.25	847.91	762.31	35.51	-2.54	0.017
118.00	-2.41	-3.96	0.00	-4.3	0.00	4.34	1,326.78	335.11	832.27	750.56	36.04	-2.54	0.008
119.00	0.00	-3.85	0.00	-0.4	0.00	0.37	1,318.52	331.98	816.78	738.86	36.58	-2.54	0.001

CALCULATED FORCES

Load Case: 0.9D + 1.0W — 117 mph Wind with No Ice (Reduced DL) — 20 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	-27.01	-24.81	0.00	-2,109.3	0.00	2,109.29	3,321.87	986.75	5,051.94	3,883.62	0	0	0.552
5.00	-26.06	-24.24	0.00	-1,985.2	0.00	1,985.23	3,288.72	964.36	4,825.36	3,757.16	0.07	-0.13	0.537
10.00	-25.13	-23.68	0.00	-1,864.0	0.00	1,864.04	3,253.61	941.98	4,603.98	3,630.29	0.27	-0.26	0.522
15.00	-24.22	-23.13	0.00	-1,745.6	0.00	1,745.65	3,216.54	919.60	4,387.80	3,503.16	0.61	-0.39	0.506
20.00	-23.33	-22.61	0.00	-1,630.0	0.00	1,629.98	3,177.52	897.21	4,176.81	3,375.93	1.09	-0.52	0.491
25.00	-22.47	-22.09	0.00	-1,517.0	0.00	1,516.95	3,136.53	874.83	3,971.03	3,248.74	1.7	-0.65	0.475
30.00	-21.62	-21.58	0.00	-1,406.5	0.00	1,406.50	3,093.58	852.45	3,770.44	3,121.77	2.44	-0.78	0.458
35.00	-20.82	-21.30	0.00	-1,298.6	0.00	1,298.58	3,048.68	830.06	3,575.05	2,995.16	3.33	-0.91	0.441
35.50	-20.72	-21.05	0.00	-1,287.9	0.00	1,287.93	3,044.08	827.82	3,555.80	2,982.53	3.42	-0.92	0.439
40.00	-19.36	-20.68	0.00	-1,193.2	0.00	1,193.22	3,001.81	807.68	3,384.86	2,869.08	4.35	-1.04	0.423
42.25	-18.69	-20.41	0.00	-1,146.7	0.00	1,146.69	3,003.54	808.49	3,391.62	2,873.61	4.85	-1.1	0.406
45.00	-18.25	-20.00	0.00	-1,090.6	0.00	1,090.57	2,976.96	796.17	3,289.13	2,804.53	5.51	-1.17	0.396
50.00	-17.49	-19.47	0.00	-990.6	0.00	990.55	2,927.13	773.79	3,106.81	2,679.53	6.8	-1.29	0.376
55.00	-16.75	-18.94	0.00	-893.2	0.00	893.19	2,875.34	751.41	2,929.68	2,555.45	8.22	-1.42	0.356
60.00	-16.03	-18.42	0.00	-798.5	0.00	798.48	2,821.60	729.02	2,757.76	2,432.44	9.77	-1.54	0.335
65.00	-15.34	-17.89	0.00	-706.4	0.00	706.39	2,765.89	706.64	2,591.03	2,310.67	11.44	-1.65	0.312
70.00	-14.67	-17.48	0.00	-616.9	0.00	616.92	2,708.22	684.26	2,429.50	2,190.28	13.23	-1.76	0.288
73.00	-14.28	-17.22	0.00	-564.5	0.00	564.50	2,672.68	670.83	2,335.08	2,118.77	14.36	-1.83	0.272
75.00	-13.86	-16.93	0.00	-530.1	0.00	530.07	2,648.59	661.87	2,273.17	2,071.43	15.14	-1.87	0.262
78.50	-13.14	-16.66	0.00	-470.8	0.00	470.81	1,590.36	458.92	1,560.74	1,234.68	16.54	-1.95	0.391
80.00	-12.99	-16.35	0.00	-445.8	0.00	445.82	1,582.58	454.22	1,528.93	1,215.98	17.16	-1.98	0.376
85.00	-12.54	-15.86	0.00	-364.1	0.00	364.10	1,555.39	438.55	1,425.25	1,153.62	19.3	-2.1	0.325
90.00	-12.11	-15.38	0.00	-284.8	0.00	284.81	1,526.24	422.88	1,325.22	1,091.30	21.57	-2.22	0.270
95.00	-11.69	-15.09	0.00	-207.9	0.00	207.93	1,495.13	407.20	1,228.82	1,029.18	23.94	-2.31	0.211
96.00	-8.92	-11.72	0.00	-192.8	0.00	192.85	1,488.67	404.07	1,209.98	1,016.80	24.43	-2.33	0.196
100.00	-8.62	-11.30	0.00	-146.0	0.00	145.97	1,462.05	391.53	1,136.06	967.43	26.41	-2.39	0.158
105.00	-8.25	-11.02	0.00	-89.4	0.00	89.44	1,427.03	375.86	1,046.94	906.20	28.94	-2.45	0.105
106.00	-4.99	-6.68	0.00	-78.4	0.00	78.42	1,419.78	372.73	1,029.56	894.03	29.46	-2.46	0.092
109.00	-4.73	-6.38	0.00	-58.4	0.00	58.37	1,397.59	363.32	978.27	857.70	31.01	-2.48	0.072
110.00	-4.68	-6.13	0.00	-52.0	0.00	51.98	1,390.04	360.19	961.47	845.65	31.53	-2.49	0.065
115.00	-4.35	-5.82	0.00	-21.4	0.00	21.35	1,351.09	344.52	879.63	785.93	34.15	-2.51	0.031
117.00	-4.02	-5.40	0.00	-9.7	0.00	9.71	1,334.96	338.25	847.91	762.31	35.2	-2.51	0.016
118.00	-1.77	-3.93	0.00	-4.3	0.00	4.31	1,326.78	335.11	832.27	750.56	35.73	-2.51	0.007
119.00	0.00	-3.85	0.00	-0.4	0.00	0.37	1,318.52	331.98	816.78	738.86	36.25	-2.52	0.001

CALCULATED FORCES

Load Case: 1.2D + 1.0Di + 1.0Wi — 50 mph Wind with 1" Radial Ice — 19 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	-51.33	-6.87	0.00	-570.1	0.00	570.09	3,321.87	986.75	5,051.94	3,883.62	0	0	0.162
5.00	-49.79	-6.70	0.00	-535.8	0.00	535.75	3,288.72	964.36	4,825.36	3,757.16	0.02	-0.03	0.158
10.00	-48.24	-6.54	0.00	-502.2	0.00	502.23	3,253.61	941.98	4,603.98	3,630.29	0.07	-0.07	0.153
15.00	-46.71	-6.38	0.00	-469.5	0.00	469.53	3,216.54	919.60	4,387.80	3,503.16	0.16	-0.1	0.149
20.00	-45.20	-6.23	0.00	-437.6	0.00	437.63	3,177.52	897.21	4,176.81	3,375.93	0.29	-0.14	0.144
25.00	-43.71	-6.07	0.00	-406.5	0.00	406.50	3,136.53	874.83	3,971.03	3,248.74	0.46	-0.17	0.139
30.00	-42.26	-5.92	0.00	-376.1	0.00	376.13	3,093.58	852.45	3,770.44	3,121.77	0.66	-0.21	0.134
35.00	-40.83	-5.84	0.00	-346.5	0.00	346.51	3,048.68	830.06	3,575.05	2,995.16	0.9	-0.24	0.129
35.50	-40.69	-5.76	0.00	-343.6	0.00	343.59	3,044.08	827.82	3,555.80	2,982.53	0.92	-0.25	0.129
40.00	-38.56	-5.65	0.00	-317.7	0.00	317.66	3,001.81	807.68	3,384.86	2,869.08	1.17	-0.28	0.124
42.25	-37.52	-5.57	0.00	-305.0	0.00	304.95	3,003.54	808.49	3,391.62	2,873.61	1.31	-0.29	0.119
45.00	-36.76	-5.45	0.00	-289.6	0.00	289.63	2,976.96	796.17	3,289.13	2,804.53	1.48	-0.31	0.116
50.00	-35.41	-5.28	0.00	-262.4	0.00	262.40	2,927.13	773.79	3,106.81	2,679.53	1.83	-0.35	0.110
55.00	-34.09	-5.12	0.00	-236.0	0.00	235.98	2,875.34	751.41	2,929.68	2,555.45	2.21	-0.38	0.104
60.00	-32.81	-4.96	0.00	-210.4	0.00	210.37	2,821.60	729.02	2,757.76	2,432.44	2.62	-0.41	0.098
65.00	-31.56	-4.80	0.00	-185.6	0.00	185.57	2,765.89	706.64	2,591.03	2,310.67	3.07	-0.44	0.092
70.00	-30.35	-4.67	0.00	-161.6	0.00	161.59	2,708.22	684.26	2,429.50	2,190.28	3.55	-0.47	0.085
73.00	-29.63	-4.58	0.00	-147.6	0.00	147.59	2,672.68	670.83	2,335.08	2,118.77	3.85	-0.49	0.081
75.00	-28.94	-4.49	0.00	-138.4	0.00	138.43	2,648.59	661.87	2,273.17	2,071.43	4.06	-0.5	0.078
78.50	-27.75	-4.41	0.00	-122.7	0.00	122.70	1,590.36	458.92	1,560.74	1,234.68	4.43	-0.52	0.117
80.00	-27.47	-4.31	0.00	-116.1	0.00	116.09	1,582.58	454.22	1,528.93	1,215.98	4.59	-0.53	0.113
85.00	-26.57	-4.16	0.00	-94.5	0.00	94.54	1,555.39	438.55	1,425.25	1,153.62	5.16	-0.56	0.099
90.00	-25.69	-4.00	0.00	-73.8	0.00	73.76	1,526.24	422.88	1,325.22	1,091.30	5.76	-0.59	0.085
95.00	-24.84	-3.91	0.00	-53.7	0.00	53.74	1,495.13	407.20	1,228.82	1,029.18	6.39	-0.61	0.069
96.00	-19.26	-3.06	0.00	-49.8	0.00	49.83	1,488.67	404.07	1,209.98	1,016.80	6.52	-0.62	0.062
100.00	-18.63	-2.93	0.00	-37.6	0.00	37.58	1,462.05	391.53	1,136.06	967.43	7.05	-0.63	0.052
105.00	-17.85	-2.83	0.00	-23.0	0.00	22.95	1,427.03	375.86	1,046.94	906.20	7.72	-0.65	0.038
106.00	-11.03	-1.75	0.00	-20.1	0.00	20.12	1,419.78	372.73	1,029.56	894.03	7.86	-0.65	0.030
109.00	-10.42	-1.66	0.00	-14.9	0.00	14.86	1,397.59	363.32	978.27	857.70	8.27	-0.66	0.025
110.00	-10.29	-1.58	0.00	-13.2	0.00	13.20	1,390.04	360.19	961.47	845.65	8.4	-0.66	0.023
115.00	-9.61	-1.48	0.00	-5.3	0.00	5.30	1,351.09	344.52	879.63	785.93	9.1	-0.66	0.014
117.00	-8.88	-1.36	0.00	-2.4	0.00	2.35	1,334.96	338.25	847.91	762.31	9.38	-0.66	0.010
118.00	-4.83	-0.90	0.00	-1.0	0.00	0.99	1,326.78	335.11	832.27	750.56	9.51	-0.67	0.005
119.00	0.00	-0.85	0.00	-0.1	0.00	0.08	1,318.52	331.98	816.78	738.86	9.65	-0.67	0.000

CALCULATED FORCES

Load Case: 1.0D + 1.0W — 60 mph Wind with No Ice — 19 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	-30.04	-5.84	0.00	-497.5	0.00	497.49	3,321.87	986.75	5,051.94	3,883.62	0	0	0.137
5.00	-29.04	-5.70	0.00	-468.3	0.00	468.30	3,288.72	964.36	4,825.36	3,757.16	0.02	-0.03	0.134
10.00	-28.06	-5.57	0.00	-439.8	0.00	439.77	3,253.61	941.98	4,603.98	3,630.29	0.06	-0.06	0.130
15.00	-27.10	-5.45	0.00	-411.9	0.00	411.90	3,216.54	919.60	4,387.80	3,503.16	0.14	-0.09	0.126
20.00	-26.17	-5.33	0.00	-384.7	0.00	384.66	3,177.52	897.21	4,176.81	3,375.93	0.26	-0.12	0.122
25.00	-25.25	-5.21	0.00	-358.0	0.00	358.03	3,136.53	874.83	3,971.03	3,248.74	0.4	-0.15	0.118
30.00	-24.36	-5.09	0.00	-332.0	0.00	332.01	3,093.58	852.45	3,770.44	3,121.77	0.58	-0.18	0.114
35.00	-23.49	-5.02	0.00	-306.6	0.00	306.57	3,048.68	830.06	3,575.05	2,995.16	0.79	-0.21	0.110
35.50	-23.40	-4.96	0.00	-304.1	0.00	304.06	3,044.08	827.82	3,555.80	2,982.53	0.81	-0.22	0.110
40.00	-21.92	-4.88	0.00	-281.7	0.00	281.73	3,001.81	807.68	3,384.86	2,869.08	1.03	-0.25	0.106
42.25	-21.19	-4.81	0.00	-270.8	0.00	270.76	3,003.54	808.49	3,391.62	2,873.61	1.15	-0.26	0.101
45.00	-20.73	-4.72	0.00	-257.5	0.00	257.53	2,976.96	796.17	3,289.13	2,804.53	1.3	-0.28	0.099
50.00	-19.92	-4.59	0.00	-233.9	0.00	233.94	2,927.13	773.79	3,106.81	2,679.53	1.6	-0.31	0.094
55.00	-19.12	-4.47	0.00	-211.0	0.00	210.97	2,875.34	751.41	2,929.68	2,555.45	1.94	-0.33	0.089
60.00	-18.35	-4.35	0.00	-188.6	0.00	188.62	2,821.60	729.02	2,757.76	2,432.44	2.31	-0.36	0.084
65.00	-17.60	-4.22	0.00	-166.9	0.00	166.88	2,765.89	706.64	2,591.03	2,310.67	2.7	-0.39	0.079
70.00	-16.87	-4.13	0.00	-145.8	0.00	145.76	2,708.22	684.26	2,429.50	2,190.28	3.12	-0.42	0.073
73.00	-16.45	-4.07	0.00	-133.4	0.00	133.38	2,672.68	670.83	2,335.08	2,118.77	3.39	-0.43	0.069
75.00	-15.99	-4.00	0.00	-125.2	0.00	125.25	2,648.59	661.87	2,273.17	2,071.43	3.57	-0.44	0.067
78.50	-15.19	-3.93	0.00	-111.3	0.00	111.26	1,590.36	458.92	1,560.74	1,234.68	3.9	-0.46	0.100
80.00	-15.04	-3.86	0.00	-105.4	0.00	105.36	1,582.58	454.22	1,528.93	1,215.98	4.05	-0.47	0.096
85.00	-14.55	-3.75	0.00	-86.0	0.00	86.05	1,555.39	438.55	1,425.25	1,153.62	4.56	-0.5	0.084
90.00	-14.08	-3.63	0.00	-67.3	0.00	67.32	1,526.24	422.88	1,325.22	1,091.30	5.09	-0.52	0.071
95.00	-13.63	-3.57	0.00	-49.2	0.00	49.15	1,495.13	407.20	1,228.82	1,029.18	5.65	-0.55	0.057
96.00	-10.41	-2.77	0.00	-45.6	0.00	45.58	1,488.67	404.07	1,209.98	1,016.80	5.77	-0.55	0.052
100.00	-10.07	-2.67	0.00	-34.5	0.00	34.50	1,462.05	391.53	1,136.06	967.43	6.23	-0.56	0.043
105.00	-9.66	-2.61	0.00	-21.1	0.00	21.14	1,427.03	375.86	1,046.94	906.20	6.83	-0.58	0.030
106.00	-5.84	-1.58	0.00	-18.5	0.00	18.54	1,419.78	372.73	1,029.56	894.03	6.95	-0.58	0.025
109.00	-5.55	-1.51	0.00	-13.8	0.00	13.80	1,397.59	363.32	978.27	857.70	7.32	-0.59	0.020
110.00	-5.47	-1.45	0.00	-12.3	0.00	12.29	1,390.04	360.19	961.47	845.65	7.44	-0.59	0.018
115.00	-5.10	-1.38	0.00	-5.0	0.00	5.05	1,351.09	344.52	879.63	785.93	8.06	-0.59	0.010
117.00	-4.71	-1.28	0.00	-2.3	0.00	2.29	1,334.96	338.25	847.91	762.31	8.31	-0.59	0.007
118.00	-2.14	-0.93	0.00	-1.0	0.00	1.02	1,326.78	335.11	832.27	750.56	8.44	-0.59	0.003
119.00	0.00	-0.91	0.00	-0.1	0.00	0.09	1,318.52	331.98	816.78	738.86	8.56	-0.59	0.000

EQUIVALENT LATERAL FORCES METHOD ANALYSIS

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

Spectral Response Acceleration for Short Period (S_S):	0.196
Spectral Response Acceleration at 1.0 Second Period (S_1):	0.054
Long-Period Transition Period (T_L – Seconds):	6
Importance Factor (I_e):	1.000
Site Coefficient F_a:	1.600
Site Coefficient F_v:	2.400
Response Modification Coefficient (R):	1.500
Design Spectral Response Acceleration at Short Period (S_{ds}):	0.209
Design Spectral Response Acceleration at 1.0 Second Period (S_{d1}):	0.086
Seismic Response Coefficient (C_s):	0.035
Upper Limit C_S:	0.035
Lower Limit C_S:	0.030
Period based on Rayleigh Method (sec):	1.660
Redundancy Factor (p):	1.000
Seismic Force Distribution Exponent (k):	1.580
Total Unfactored Dead Load:	30.040 k
Seismic Base Shear (E):	1.040 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)
33	118.5	71	133	0.004	5	88
32	117.5	71	133	0.004	5	89
31	116	145	263	0.009	9	180
30	112.5	372	646	0.022	23	462
29	109.5	76	127	0.004	4	95
28	107.5	238	385	0.013	14	296
27	105.5	81	127	0.004	4	100
26	102.5	413	618	0.021	22	512
25	98	341	476	0.016	17	424
24	95.5	89	119	0.004	4	111
23	92.5	455	579	0.020	20	565
22	87.5	470	548	0.018	19	584
21	82.5	485	516	0.017	18	602
20	79.25	149	148	0.005	5	184
19	76.75	796	755	0.026	27	988
18	74	463	414	0.014	15	575
17	71.5	426	361	0.012	13	528
16	67.5	727	563	0.019	20	902
15	62.5	748	513	0.017	18	929
14	57.5	770	463	0.016	16	956
13	52.5	792	412	0.014	15	983
12	47.5	813	362	0.012	13	1,010
11	43.625	457	178	0.006	6	567
10	41.125	729	258	0.009	9	905
9	37.75	1,484	459	0.016	16	1,842
8	35.25	86	24	0.001	1	106
7	32.5	868	212	0.007	7	1,078
6	27.5	890	167	0.006	6	1,105
5	22.5	911	125	0.004	4	1,132
4	17.5	933	86	0.003	3	1,159
3	12.5	955	52	0.002	2	1,186
2	7.5	976	24	0.001	1	1,213
1	2.5	998	4	0.000	0	1,240
Ericsson AIR 6419 B77G	119	198	376	0.013	13	246
Raycap DC6-48-60-18-8F	119	60	114	0.004	4	75
Raycap DC6-48-60-0-8F	119	66	124	0.004	4	81
Ericsson RRUS 4478 B14 (15")	119	178	338	0.011	12	221
Ericsson RRUs 2012 B29 w/Fan	119	140	265	0.009	9	173

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)
Ericsson RRUS 4449 B5, B12	119	213	404	0.014	14	265
Ericsson RRUS 32 B66A	119	152	288	0.010	10	189
Ericsson RRUS 32 B30	119	180	341	0.012	12	224
Ericsson RRUS 32 B2	119	159	302	0.010	11	197
CCI DMP65R-BU8D	119	287	544	0.018	19	357
Quintel QD8616-7	119	450	853	0.029	30	559
Generic Round Platform with Handrails	118	2,500	4,678	0.158	165	3,105
Ericsson Air 6449 B77D	117	245	452	0.015	16	304
Raycap RRFDC-3315-PF-48	109	54	89	0.003	3	67
Commscope CBC78T-DS-43-2X	106	62	98	0.003	3	77
Kaelus KA-6030	106	70	111	0.004	4	87
Samsung B5/B13 RRH-BR04C	106	211	333	0.011	12	262
Samsung B2/B66A RRH-BR049	106	253	400	0.014	14	314
Samsung MT6407-77A	106	245	387	0.013	14	304
Commscope JAHH-65B-R3B	106	242	383	0.013	14	301
Commscope JAHH-45B-R3B	106	168	265	0.009	9	208
Generic Flat Platform with Handrails	106	2,500	3,949	0.134	139	3,105
Generic Flat Platform with Handrails	96	2,500	3,377	0.114	119	3,105
Commscope RDIDC-9181-PF-48	96	22	30	0.001	1	27
Fujitsu TA08025-B605	96	225	304	0.010	11	279
Fujitsu TA08025-B604	96	192	259	0.009	9	238
JMA Wireless MX08FRO665-21	96	194	261	0.009	9	240
	Totals:	**30,041**	**29,576**	**1.000**	**1,043**	**37,305**

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)
33	118.5	71	133	0.004	5	61
32	117.5	71	133	0.004	5	61
31	116	145	263	0.009	9	124
30	112.5	372	646	0.022	23	319
29	109.5	76	127	0.004	4	65
28	107.5	238	385	0.013	14	205
27	105.5	81	127	0.004	4	69
26	102.5	413	618	0.021	22	354
25	98	341	476	0.016	17	293
24	95.5	89	119	0.004	4	76
23	92.5	455	579	0.020	20	390
22	87.5	470	548	0.018	19	403
21	82.5	485	516	0.017	18	416
20	79.25	149	148	0.005	5	127
19	76.75	796	755	0.026	27	683
18	74	463	414	0.014	15	397
17	71.5	426	361	0.012	13	365
16	67.5	727	563	0.019	20	624
15	62.5	748	513	0.017	18	642
14	57.5	770	463	0.016	16	661
13	52.5	792	412	0.014	15	679
12	47.5	813	362	0.012	13	698
11	43.625	457	178	0.006	6	392
10	41.125	729	258	0.009	9	625
9	37.75	1,484	459	0.016	16	1,273
8	35.25	86	24	0.001	1	73
7	32.5	868	212	0.007	7	745
6	27.5	890	167	0.006	6	763
5	22.5	911	125	0.004	4	782
4	17.5	933	86	0.003	3	801
3	12.5	955	52	0.002	2	819
2	7.5	976	24	0.001	1	838
1	2.5	998	4	0.000	0	857

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)
Ericsson AIR 6419 B77G	119	198	376	0.013	13	170
Raycap DC6-48-60-18-8F	119	60	114	0.004	4	51
Raycap DC6-48-60-0-8F	119	66	124	0.004	4	56
Ericsson RRUS 4478 B14 (15")	119	178	338	0.011	12	153
Ericsson RRUs 2012 B29 w/Fan	119	140	265	0.009	9	120
Ericsson RRUS 4449 B5, B12	119	213	404	0.014	14	183
Ericsson RRUS 32 B66A	119	152	288	0.010	10	131
Ericsson RRUS 32 B30	119	180	341	0.012	12	154
Ericsson RRUS 32 B2	119	159	302	0.010	11	136
CCI DMP65R-BU8D	119	287	544	0.018	19	246
Quintel QD8616-7	119	450	853	0.029	30	386
Generic Round Platform with Handrails	118	2,500	4,678	0.158	165	2,145
Ericsson Air 6449 B77D	117	245	452	0.015	16	210
Raycap RRFDC-3315-PF-48	109	54	89	0.003	3	46
Commscope CBC78T-DS-43-2X	106	62	98	0.003	3	53
Kaelus KA-6030	106	70	111	0.004	4	60
Samsung B5/B13 RRH-BR04C	106	211	333	0.011	12	181
Samsung B2/B66A RRH-BR049	106	253	400	0.014	14	217
Samsung MT6407-77A	106	245	387	0.013	14	210
Commscope JAHH-65B-R3B	106	242	383	0.013	14	208
Commscope JAHH-45B-R3B	106	168	265	0.009	9	144
Generic Flat Platform with Handrails	106	2,500	3,949	0.134	139	2,145
Generic Flat Platform with Handrails	96	2,500	3,377	0.114	119	2,145
Commscope RDIDC-9181-PF-48	96	22	30	0.001	1	19
Fujitsu TA08025-B605	96	225	304	0.010	11	193
Fujitsu TA08025-B604	96	192	259	0.009	9	165
JMA Wireless MX08FRO665-21	96	194	261	0.009	9	166
	Totals:	**30,041**	**29,576**	**1.000**	**1,043**	**25,781**

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	-36.07	-1.04	0.00	-104.36	0.00	104.36	3,321.87	986.75	5,052	3,883.62	0.00	0.00	0.04
5.00	-34.85	-1.05	0.00	-99.14	0.00	99.14	3,288.72	964.36	4,825	3,757.16	0.00	-0.01	0.04
10.00	-33.67	-1.05	0.00	-93.90	0.00	93.90	3,253.61	941.98	4,604	3,630.29	0.01	-0.01	0.04
15.00	-32.51	-1.05	0.00	-88.65	0.00	88.65	3,216.54	919.60	4,388	3,503.16	0.03	-0.02	0.04
20.00	-31.38	-1.05	0.00	-83.41	0.00	83.41	3,177.52	897.21	4,177	3,375.93	0.05	-0.03	0.04
25.00	-30.27	-1.05	0.00	-78.16	0.00	78.16	3,136.53	874.83	3,971	3,248.74	0.09	-0.03	0.03
30.00	-29.19	-1.04	0.00	-72.94	0.00	72.94	3,093.58	852.45	3,770	3,121.77	0.12	-0.04	0.03
35.00	-29.09	-1.04	0.00	-67.73	0.00	67.73	3,048.68	830.06	3,575	2,995.16	0.17	-0.05	0.03
35.50	-27.24	-1.03	0.00	-67.21	0.00	67.21	3,044.08	827.82	3,556	2,982.53	0.17	-0.05	0.03
40.00	-26.34	-1.02	0.00	-62.60	0.00	62.60	3,001.81	807.68	3,385	2,869.08	0.22	-0.05	0.03
42.25	-25.77	-1.01	0.00	-60.31	0.00	60.31	3,003.54	808.49	3,392	2,873.61	0.25	-0.06	0.03
45.00	-24.76	-1.00	0.00	-57.52	0.00	57.52	2,976.96	796.17	3,289	2,804.53	0.28	-0.06	0.03
50.00	-23.78	-0.99	0.00	-52.52	0.00	52.52	2,927.13	773.79	3,107	2,679.53	0.35	-0.07	0.03
55.00	-22.82	-0.97	0.00	-47.57	0.00	47.57	2,875.34	751.41	2,930	2,555.45	0.42	-0.07	0.03
60.00	-21.89	-0.96	0.00	-42.71	0.00	42.71	2,821.60	729.02	2,758	2,432.44	0.50	-0.08	0.03
65.00	-20.99	-0.94	0.00	-37.93	0.00	37.93	2,765.89	706.64	2,591	2,310.67	0.59	-0.09	0.02
70.00	-20.46	-0.93	0.00	-33.24	0.00	33.24	2,708.22	684.26	2,430	2,190.28	0.68	-0.09	0.02
73.00	-19.89	-0.91	0.00	-30.46	0.00	30.46	2,672.68	670.83	2,335	2,118.77	0.74	-0.10	0.02
75.00	-18.90	-0.88	0.00	-28.64	0.00	28.64	2,648.59	661.87	2,273	2,071.43	0.78	-0.10	0.02
78.50	-18.72	-0.88	0.00	-25.55	0.00	25.55	1,590.36	458.92	1,561	1,234.68	0.85	-0.10	0.03
80.00	-18.11	-0.86	0.00	-24.23	0.00	24.23	1,582.58	454.22	1,529	1,215.98	0.88	-0.10	0.03
85.00	-17.53	-0.84	0.00	-19.92	0.00	19.92	1,555.39	438.55	1,425	1,153.62	0.99	-0.11	0.03
90.00	-16.96	-0.82	0.00	-15.70	0.00	15.70	1,526.24	422.88	1,325	1,091.30	1.11	-0.12	0.03
95.00	-16.85	-0.82	0.00	-11.59	0.00	11.59	1,495.13	407.20	1,229	1,029.18	1.24	-0.12	0.02
96.00	-12.54	-0.65	0.00	-10.77	0.00	10.77	1,488.67	404.07	1,210	1,016.80	1.26	-0.12	0.02
100.00	-12.03	-0.62	0.00	-8.19	0.00	8.19	1,462.05	391.53	1,136	967.43	1.37	-0.13	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	-11.93	-0.62	0.00	-5.07	0.00	5.07	1,427.03	375.86	1,047	906.20	1.50	-0.13	0.01
106.00	-6.97	-0.38	0.00	-4.45	0.00	4.45	1,419.78	372.73	1,030	894.03	1.53	-0.13	0.01
109.00	-6.81	-0.38	0.00	-3.30	0.00	3.30	1,397.59	363.32	978	857.70	1.61	-0.13	0.01
110.00	-6.35	-0.35	0.00	-2.92	0.00	2.92	1,390.04	360.19	961	845.65	1.64	-0.13	0.01
115.00	-6.17	-0.34	0.00	-1.16	0.00	1.16	1,351.09	344.52	880	785.93	1.78	-0.13	0.01
117.00	-5.78	-0.32	0.00	-0.47	0.00	0.47	1,334.96	338.25	848	762.31	1.83	-0.13	0.01
118.00	-2.59	-0.15	0.00	-0.15	0.00	0.15	1,326.78	335.11	832	750.56	1.86	-0.13	0.00
119.00	0.00	-0.14	0.00	0.00	0.00	0.00	1,318.52	331.98	817	738.86	1.89	-0.13	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	-24.92	-1.04	0.00	-103.48	0.00	103.48	3,321.87	986.75	5,052	3,883.62	0.00	0.00	0.03
5.00	-24.09	-1.05	0.00	-98.26	0.00	98.26	3,288.72	964.36	4,825	3,757.16	0.00	-0.01	0.03
10.00	-23.27	-1.05	0.00	-93.04	0.00	93.04	3,253.61	941.98	4,604	3,630.29	0.01	-0.01	0.03
15.00	-22.47	-1.05	0.00	-87.81	0.00	87.81	3,216.54	919.60	4,388	3,503.16	0.03	-0.02	0.03
20.00	-21.68	-1.04	0.00	-82.58	0.00	82.58	3,177.52	897.21	4,177	3,375.93	0.05	-0.03	0.03
25.00	-20.92	-1.04	0.00	-77.36	0.00	77.36	3,136.53	874.83	3,971	3,248.74	0.08	-0.03	0.03
30.00	-20.17	-1.03	0.00	-72.16	0.00	72.16	3,093.58	852.45	3,770	3,121.77	0.12	-0.04	0.03
35.00	-20.10	-1.03	0.00	-66.99	0.00	66.99	3,048.68	830.06	3,575	2,995.16	0.17	-0.05	0.03
35.50	-18.83	-1.02	0.00	-66.48	0.00	66.48	3,044.08	827.82	3,556	2,982.53	0.17	-0.05	0.03
40.00	-18.20	-1.01	0.00	-61.90	0.00	61.90	3,001.81	807.68	3,385	2,869.08	0.22	-0.05	0.03
42.25	-17.81	-1.00	0.00	-59.62	0.00	59.62	3,003.54	808.49	3,392	2,873.61	0.24	-0.06	0.03
45.00	-17.11	-0.99	0.00	-56.86	0.00	56.86	2,976.96	796.17	3,289	2,804.53	0.28	-0.06	0.03
50.00	-16.43	-0.98	0.00	-51.90	0.00	51.90	2,927.13	773.79	3,107	2,679.53	0.34	-0.07	0.03
55.00	-15.77	-0.96	0.00	-47.00	0.00	47.00	2,875.34	751.41	2,930	2,555.45	0.41	-0.07	0.02
60.00	-15.13	-0.95	0.00	-42.18	0.00	42.18	2,821.60	729.02	2,758	2,432.44	0.49	-0.08	0.02
65.00	-14.51	-0.93	0.00	-37.45	0.00	37.45	2,765.89	706.64	2,591	2,310.67	0.58	-0.08	0.02
70.00	-14.14	-0.92	0.00	-32.81	0.00	32.81	2,708.22	684.26	2,430	2,190.28	0.67	-0.09	0.02
73.00	-13.74	-0.90	0.00	-30.07	0.00	30.07	2,672.68	670.83	2,335	2,118.77	0.73	-0.09	0.02
75.00	-13.06	-0.87	0.00	-28.27	0.00	28.27	2,648.59	661.87	2,273	2,071.43	0.77	-0.10	0.02
78.50	-12.93	-0.87	0.00	-25.21	0.00	25.21	1,590.36	458.92	1,561	1,234.68	0.84	-0.10	0.03
80.00	-12.52	-0.85	0.00	-23.91	0.00	23.91	1,582.58	454.22	1,529	1,215.98	0.87	-0.10	0.03
85.00	-12.11	-0.83	0.00	-19.65	0.00	19.65	1,555.39	438.55	1,425	1,153.62	0.98	-0.11	0.03
90.00	-11.72	-0.81	0.00	-15.49	0.00	15.49	1,526.24	422.88	1,325	1,091.30	1.10	-0.11	0.02
95.00	-11.65	-0.81	0.00	-11.43	0.00	11.43	1,495.13	407.20	1,229	1,029.18	1.23	-0.12	0.02
96.00	-8.67	-0.64	0.00	-10.62	0.00	10.62	1,488.67	404.07	1,210	1,016.80	1.25	-0.12	0.02
100.00	-8.31	-0.61	0.00	-8.08	0.00	8.08	1,462.05	391.53	1,136	967.43	1.35	-0.12	0.01
105.00	-8.24	-0.61	0.00	-5.01	0.00	5.01	1,427.03	375.86	1,047	906.20	1.49	-0.13	0.01
106.00	-4.82	-0.38	0.00	-4.40	0.00	4.40	1,419.78	372.73	1,030	894.03	1.51	-0.13	0.01
109.00	-4.71	-0.37	0.00	-3.26	0.00	3.26	1,397.59	363.32	978	857.70	1.59	-0.13	0.01
110.00	-4.39	-0.35	0.00	-2.88	0.00	2.88	1,390.04	360.19	961	845.65	1.62	-0.13	0.01
115.00	-4.26	-0.34	0.00	-1.14	0.00	1.14	1,351.09	344.52	880	785.93	1.76	-0.13	0.01
117.00	-3.99	-0.32	0.00	-0.46	0.00	0.46	1,334.96	338.25	848	762.31	1.81	-0.13	0.00
118.00	-1.79	-0.14	0.00	-0.14	0.00	0.14	1,326.78	335.11	832	750.56	1.84	-0.13	0.00
119.00	0.00	-0.14	0.00	0.00	0.00	0.00	1,318.52	331.98	817	738.86	1.87	-0.13	0.00

ANALYSIS SUMMARY

	Base Reactions						Max Usage	
Load Case	Shear FX (kips)	Shear FZ (kips)	Axial FY (kips)	Moment MX (ft-kips)	Moment MY (ft-kips)	Moment MZ (ft-kips)	Elev (ft)	Interaction Ratio
1.2D + 1.0W	24.82	0.00	36.02	0.00	0.00	2123.19	0.00	0.56
0.9D + 1.0W	24.81	0.00	27.01	0.00	0.00	2109.29	0.00	0.55
1.2D + 1.0Di + 1.0Wi	6.87	0.00	51.33	0.00	0.00	570.09	0.00	0.16
1.2D + 1.0Ev + 1.0Eh	1.05	0.00	36.07	0.00	0.00	104.36	0.00	0.04
0.9D - 1.0Ev + 1.0Eh	1.05	0.00	24.92	0.00	0.00	103.48	0.00	0.03
1.0D + 1.0W	5.84	0.00	30.04	0.00	0.00	497.49	0.00	0.14

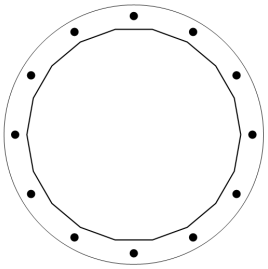
BASE PLATE ANALYSIS @ 0 FT

APPLIED REACTIONS

Moment (k-ft)	Axial (k)	Shear (k)
2123.19	36.02	24.82

PLATE PARAMETERS (ID# 26590)

Width:	70	in
Shape:	Round	
Thickness:	2	in
Grade:	A572-60	
Yield Strength:	60	ksi
Tensile Strength:	75	ksi
Rod Detail Type:	d	
Clear Distance	3	in
Base Weld Size:	0.125	in
Orientation Offset:	-	°
Analysis Type:	Plastic	
Neutral Axis:	345	°



ANCHOR ROD PARAMETERS

Class	Arrangement	Quantity	Diameter (in)	Circle (in)	Grade	F_y (ksi)	F_u (ksi)	Spacing (in)	Offset (°)
Original [ID#27287]	Radial	12	2.25	64	A615-75	75	100	-	-

COMPONENT PROPERTIES

Component	ID	Gross Area (in^2)	Net Area (in^2)	Individual Inertia (in^4)	Moment of Inertia (in^4)	Threads/in
Pole	57"ø x 0.3125" (18 Sides)	55.3707	-	-	22243.34	-
Bolt Group	Original (12) 2.25"ø	3.9761	3.2477	0.8393	18360.61	4.5

REACTION DISTRIBUTION

Component	ID	Moment M_u (k-ft)	Axial Load P_u (k)	Shear V_u (k)	Moment Factor
Pole	57"ø x 0.3125" (18 Sides)	2123.2	36.02	24.82	1.000
Bolt Group	Original (12) 2.25"ø	2123.2	-	24.82	1.000

BASE PLATE BEND LINE ANALYSIS @ 0 FT

POLE PROPERTIES

Flat-to-Flat Diameter:	57.12	in	Flat Width:	10.073	in	Neutral Axis:	345	°
Point-to-Point Diameter:	58.01	in	Flat Radians:	0.349	rad	Bend Line Limits:	0.647 to 1.971	rad
Orientation Offset:	-	°						

PLATE PROPERTIES

Bend Line	Chord Length (in)	Additional Length (in)	Section Modulus (in^3)	Applied Moment M_u (k-in)	Moment Capacity ΦM_n (k-in)	Flexure Result $M_u/\Phi M_n$
Flats	35.751	0.00	35.751	294.9	1930.6	15.3%
Corners	34.303	0.00	34.303	174.5	1852.4	9.4%
Circumferential	52.898	0.00	52.898	460.1	2856.5	16.1%

PLASTIC ANCHOR ROD ANALYSIS

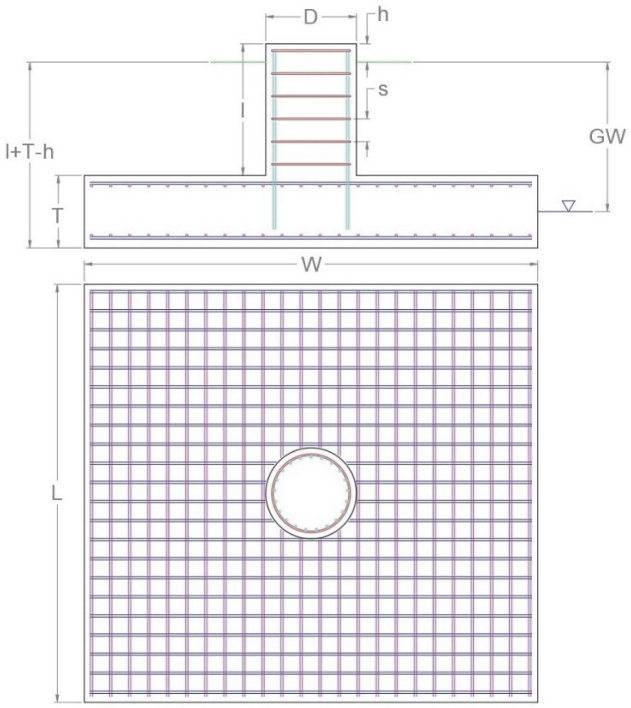
Class	Group Quantity	Rod Diameter (in)	Applied Axial Load P_u (k)	Applied Shear Load V_u (k)	Compressive Capacity ΦP_n (k)	Interaction Result
Original	12	2.25	113.5	3.1	243.6	49.1%

APPLIED GLOBAL REACTIONS

Moment (k-ft)	Axial (k)	Shear (k)
2,123.19	36.02	24.82

FOUNDATION PARAMETERS

Mat Length:	L	24	ft
Mat Width:	W	24	ft
Mat Thickness:	T	3	ft
Base Depth:	L+T-h	6	ft
Pier Shape:		Round	
Pier Diameter:	D	7	ft
Pier Height above Grade:	h	0.5	ft
Concrete Compressive Strength:		4,000	psi
Mat Top Rebar:		(15) #10 bars [60 ksi]	
Mat Bottom Rebar:		(15) #10 bars [60 ksi]	
Pier Vertical Rebar:		(38) #10 bars [60 ksi]	
Pier Rebar Ties:	s	#5 bars @ 6.0" c/c [40 ksi]	
Rebar Clear Cover:		3.0	in
Tower Eccentricity:	ecc	0	ft
Tower Leg Count		1	



SOIL PARAMETERS

Water Table Depth [BGL]:	GW	19	ft
Soil Unit Weight:		122	pcf
Ultimate Skin Friction:		800	psf
Ultimate Bearing Pressure:		7,900	psf
Bearing Pressure Type:		Gross	
Coefficient of Shear Friction:		0.2	

SOIL STRENGTH ANALYSIS

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

SOIL OVERTURNING ANALYSIS

Design Moment, $M_{u,Design}$ (k-ft)	Nominal Overturning Capacity, $\Phi_m M_n$ (k-ft)	Soil Overturning Usage, $M_{u,Design} / \Phi_m M_n$	
2,284.52	5,770.78	**39.6%**	✓

SOIL BEARING ANALYSIS

Net Bearing Pressure, $P_{u,Net}$ (psf)	Nominal Bearing Capacity, $\Phi_b P_n$ (k-ft)	Bearing Pressure Controlling Load Direction	Soil Bearing Usage, $P_{u,net} / \Phi_b P_n$	
1,352.00	5,925.00	Diagonal to Pad Edge	**22.8%**	✓

SOIL SLIDING SHEAR ANALYSIS

Applied Shear Force, V_u (k)	Friction Resistance (k)	Passive Pressure (psf)	Passive Pressure Resistance (k)	Nominal Shear Capacity, $\Phi_s V_n$ (k)	Soil Sliding Shear Usage, $V_u / \Phi_s V_n$	
24.82	230.40	549.0	39.53	105.57	**24.0%**	✓

MAT REINFORCING STEEL STRENGTH ANALYSIS

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

MAT REINFORCING ONE WAY SHEAR ANALYSIS

One Way Design Shear, V_u (k)	Nominal One Way Shear Capacity, $\Phi_c V_n$ (k)	One Way Shear Controlling Load Direction	Mat One Way Shear Usage, $V_u / \Phi_c V_n$	
72.60	782.52	Diagonal to Pad Edge	**9.3%**	✓

MAT REINFORCING PUNCHING SHEAR ANALYSIS

Punching Shear Design Stress, v_u (psi)	Nominal Punching Shear Capacity, $\Phi_c v_n$ (psi)	Mat Punching Shear Usage, $v_u / \Phi_c v_n$	
26.6	189.7	**14.0%**	✓

MAT REINFORCING MOMENT TRANSFER ANALYSIS

Moment Transfer Effective Flexural Width, w_f (in)	Neutral Axis Depth (in)	Pier Moment at Joint, M_{ut} (k-in)	Nominal Moment Transfer Capacity, $\Phi M_{sc,f}$ (k-in)	Mat Moment Transfer Usage, $0.6\ M_{ut} / \Phi M_{sc,f}$	
16.00	1.23	0.00	22,599.6	**0.0%**	✓

MAT REINFORCING FLEXURE ANALYSIS – UPPER STEEL

Factored Moment, M_u (k-ft)	Nominal Flexural Capacity, ΦM_n (k-ft)	Flexural Steel Controlling Load Direction	Mat Upper Rebar Flexure Usage, $M_u / \Phi M_n$	
707.47	2,679.24	Parallel to Pad Edge	**26.4%**	✓

MAT REINFORCING FLEXURE ANALYSIS – LOWER STEEL

Factored Moment, M_u (k-ft)	Nominal Flexural Capacity, ΦM_n (k-ft)	Flexural Steel Controlling Load Direction	Mat Lower Rebar Flexure Usage, $M_u / \Phi M_n$	
771.10	2,679.24	Parallel to Pad Edge	**28.8%**	✓

PIER REINFORCING STEEL STRENGTH ANALYSIS

Rebar Cage Diameter (in)	Steel Elastic Modulus, E (ksi)	Strength Bending/Tension Reduction Factor, Φ_b	Strength Shear Reduction Factor, Φ_v	Strength Compression Reduction Factor, Φ_c
75.50	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, $M_u/\Phi_b M_n$	
2,210.06	8,021.27	0.009	**27.6%**	✓

PIER REINFORCING COMPRESSION ANALYSIS

Design Compression, P_u (k)	Nominal Compressive Capacity, $\Phi_p P_n$ (k)	Pier Rebar Compressive Usage, $P_u / \Phi_p P_n$	
36.02	9,752.15	**0.4%**	✓

PIER REINFORCING SHEAR ANALYSIS

Design Shear, V_u (k)	Nominal Shear Capacity, $\Phi_v V_n$ (k)	Pier Rebar Shear Usage, $V_u / \Phi_v V_n$	
24.82	735.77	**3.4%**	✓

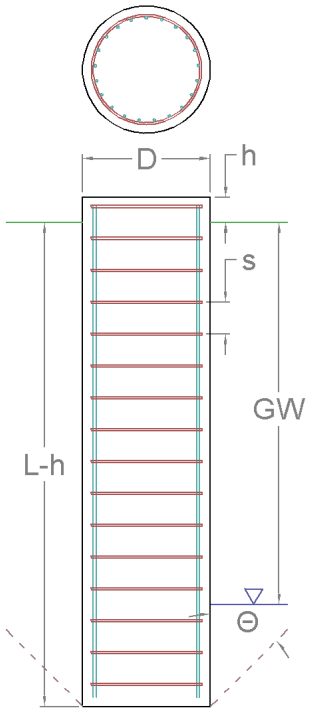
PIER FOUNDATION ANALYSIS

GLOBAL REACTIONS

Moment (k-ft)	Axial (k)	Shear (k)
2,123.19	36.02	24.82

FOUNDATION PARAMETERS

Pier Diameter:	D	7.00	ft
Pier Embedment Depth:	L-h	25.0	ft
Pier Height above Grade:	h	0.50	ft
Concrete Compressive Strength:		4,000	psi
Vertical Rebar:		(20) #11 bars [60 ksi]	
Tie Rebar:	s	#5 bars @ 12.0" c/c [40 ksi]	
Rebar Clear Cover:		3.00	in



SOIL PARAMETERS

Water Table Depth [BGL]: GW 19 ft

Layer Depth (ft) Top	Layer Depth (ft) Bottom	Unit Weight (pcf)	Cohesion (psf)	Friction Angle (°)	Ultimate Skin Friction (psf)	Ultimate Net Bearing (psf)
0	0.5	105	0	0	0	0
0.5	2	107	0	28	0	0
2	5	122	0	32	0	0
5	7	122	0	32	800	0
7	10	124	0	33	1,050	0
10	15	129	0	36	1,450	0
15	19	132	0	40	1,900	0
19	20	132	0	40	2,150	0
20	26	135	0	40	2,250	58,400

SOIL STRENGTH ANALYSIS

Volume of Concrete (ft^3)	Buoyant Weight of Concrete (k)	Skin Friction Resistance (k)	Inflection Point [BGL] (ft)
981.36	132.79	725.71	18.25

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, $M_u / \Phi M_n$
2,836.67	2,588.64	0.00	9,494.22	**27.3%**

SOIL COMPRESSION ANALYSIS

Compressive Bearing Resistance (k)	Compressive Force, P_u (k)	Additional Resistance (k)	Nominal Compressive Capacity, ΦP_n (k)	Soil Compressive Usage, $P_u / \Phi P_n$
2,247.50	62.57	0.00	2,229.90	**2.8%**

REINFORCING STEEL STRENGTH ANALYSIS

Rebar Cage Diameter (in)	Steel Elastic Modulus, E (ksi)	Strength Bending/Tension Reduction Factor, Φ_b	Strength Shear Reduction Factor, Φ_v	Strength Compression Reduction Factor, Φ_c
75.34	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, $M_u/\Phi_b M_n$
2,137.60	5,176.04	0.01	**41.3%**

PIER REINFORCING COMPRESSION ANALYSIS

Buoyant Weight of Concrete (k)	Design Compression, P_u (k)	Nominal Compressive Capacity, $\Phi_p P_n$ (k)	Pier Rebar Compressive Usage, $P_u / \Phi_p P_n$
132.79	62.57	10,716.13	**0.6%**

PIER REINFORCING SHEAR ANALYSIS

Design Shear, V_u (k)	Nominal Shear Capacity, $\Phi_v V_n$ (k)	Pier Rebar Shear Usage, $V_u / \Phi_v V_n$
230.00	631.61	**36.4%**

EXHIBIT 4

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

Antenna Mount Analysis Report and PMI Requirements

Mount ReAnalysis

SMART Tool Project #: 10207608
Colliers Engineering & Design CT. P.C. Project #: 23777182

July 21, 2023

Site Information	*Site ID:*	*5000382990-VZW / NAUGATUCK WEST CT*
	Site Name:	*NAUGATUCK WEST CT*
	Carrier Name:	*Verizon Wireless*
	Address:	*880 Andrew Mountain Rd* *Naugatuck, Connecticut 06770* *New Haven County*
	Latitude:	*41.484453°*
	Longitude:	*-73.089844°*
Structure Information	*Tower Type:*	*Monopole*
	Mount Type:	*12.50-Ft Platform*

FUZE ID # 17123834

Analysis Results

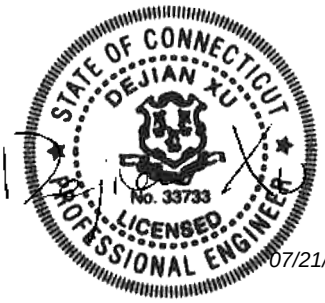
Platform: **41.8% Pass***

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

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

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

Report Prepared By: Selene Chen



07/21/2023

Executive Summary:

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

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

Sources of Information:

Document Type	Remarks
Radio Frequency Data Sheet (RFDS)	*Verizon RFDS, Site ID: 1740118, dated March 16, 2021*
Mount Mapping Report	*RKS Design & Engineering, LLC, Site ID: ATC: 283423, VZW: 469151, dated March 30, 2021*
Previous Mount Analysis Report	*Maser Consulting Connecticut, Project #: 21777437, dated June 11, 2021*
Filter Add Scope	*Provided by Verizon Wireless*

Analysis Criteria:

Codes and Standards:	ANSI/TIA-222-H 2022 Connecticut State Building Code (CSBC), Effective October 1, 2022	
Wind Parameters:	Basic Wind Speed (Ultimate 3-sec. Gust), V_{ULT}:	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:	0.970
Seismic Parameters:	S_S:	0.197 g
	S_1:	0.054 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
103.83	106.00	3	Samsung	MT6407-77A	Retained
		2	Commscope	JAHH-45B-R3B	
		4	Commscope	JAHH-65B-R3B	
		3	Commscope	CBC78T-DS-43	
		3	Samsung	B2/B66A RRH-BR049	
		3	Samsung	B5/B13 RRH-BR04C	
		2	Raycap	RRFDC-3315-PF-48*	
		4	KAelus	KA-6030	Added

* Equipment is flush mounted directly to the Monopole. They are not mounted on platform 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 CT. P.C. and used in this analysis is current and correct. The existing equipment loading has been applied at locations determined from the supplied documentation. Any deviation from the loading locations specified in this report shall be communicated to Colliers Engineering & Design CT. P.C. to verify deviation will not adversely impact the analysis.

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

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

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

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

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

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

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

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

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

Analysis Results:

Component	Utilization %	Pass/Fail
Face Horizontal	*14.0 %*	*Pass*
Standoff Horizontal	*32.6 %*	*Pass*
Platform Crossmember	*15.6 %*	*Pass*
Mount Pipe	*41.8 %*	*Pass*
Corner Plate	*15.3 %*	*Pass*
Grating Support	*9.8 %*	*Pass*
Cross Arm Plate	*31.3 %*	*Pass*
Mod Support Rail	*19.1 %*	*Pass*
Mod Support Rail Corner	*28.6 %*	*Pass*
Connection Check	*32.9 %*	*Pass*

Structure Rating – *(Controlling Utilization of all Components)*	**41.8%**

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	23.8	23.8	40.9	40.9
0.5	30.7	30.7	55.0	55.0
1	37.3	37.3	68.8	68.8

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

Requirements:

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

Contractor shall verify modifications detailed in Construction Drawings by Maser Consulting Connecticut dated 06/11/2021 have been installed prior to installation of equipment. **Escalate any discrepancies to EOR immediately as it may render the results of this analysis invalid and require additional modifications**.

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

Attachments:

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

Mount Desktop – Post Modification Inspection (PMI) Report Requirements

Documents & Photos Required from Contractor – Passing Mount Analysis

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

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

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

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MDG #: 5000382990 SMART Project #: 10207608 Fuze Project ID: 17123834

Purpose – to provide SMART Tool structural vendor the proper documentation in order to complete the required Mount Desktop review of the Post Modification Inspection Report.

- Contractor is responsible for making certain the photos provided as noted below provide confirmation that the installation was completed in accordance with this Passing Mount Analysis.
- Contractor shall relay any data that can impact the performance of the mount, this includes safety issues.

Base Requirements:

- If installation will cause damage to the structure, the climbing facility, or safety climb if present or any installed system, SMART Tool vendor to be notified prior to install. Any special photos outside of the standard requirements will be indicated on the drawings.
- Provide "as built mount drawings" showing contractor's name, contact information, preparer's signature, and date. Any deviations from the drawings (Proposed modification) shall be shown. NOTE: If loading is different than what is conveyed in the passing mount analysis (MA) contact the SMART Tool vendor immediately.
- Each photo should be time and date stamped
- Photos should be high resolution.
- Contractor shall ensure that the safety climb wire rope is supported and not adversely impacted by the install of the modification components. This may involve the install of wire rope guides, or other items to protect the wire rope. If there is conflict, contact the SMART Tool engineer for recommendations.
- The PMI can be accessed at the following portal: ***https://pmi.vzwsmart.com***

Photo Requirements:

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

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

Antenna & equipment placement and Geometry Confirmation:

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

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

OR

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

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

Issue:

Contractor shall verify modifications detailed in Construction Drawings by Maser Consulting Connecticut dated 06/11/2021 have been installed prior to installation of equipment. **Escalate any discrepancies to EOR immediately as it may render the results of this analysis invalid and require additional modifications**.

Response:

Special Instruction Confirmation:

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

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

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

OR

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

Comments:

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

☐ Yes ☐ No

Contractor certifies no new damage created during the current installation:

☐ Yes ☐ No

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

☐ Safety Climb in Good Condition ☐ Safety Climb Damaged

Certifying Individual:

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

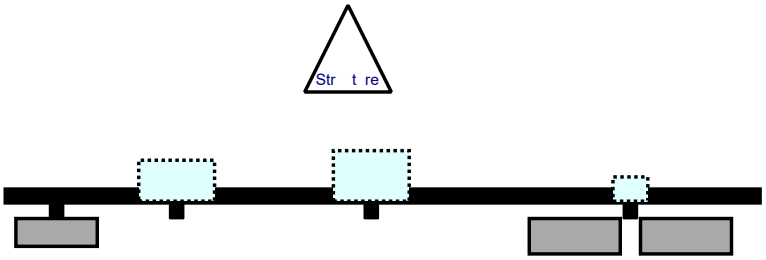
Structure: 5000382990-VZW - NAUGATUCK WEST CT

Se tor: **A** 7/21/2023

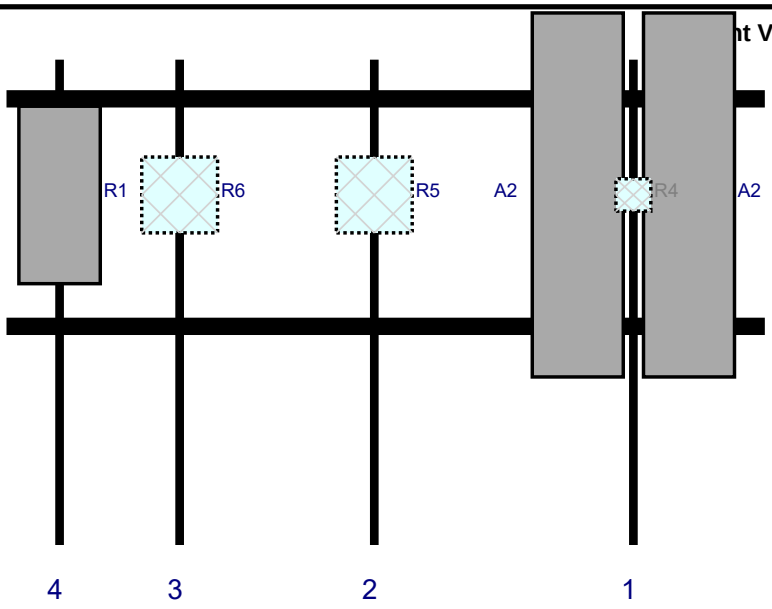
Str t re Type: Mo opole 10207608

Mo t Elev: 103.83 P ge: 1

Plan View

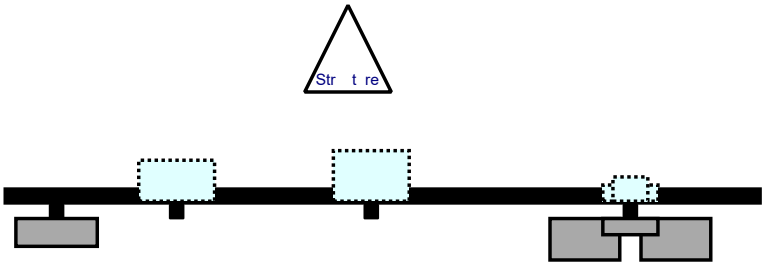


nt View - Loo i g t Str t re

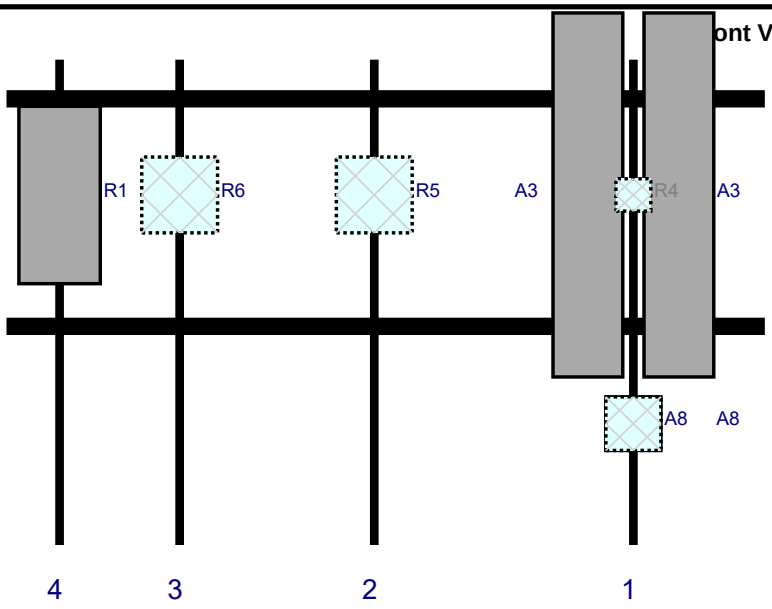


Re #	Model	Height (i)	Width (i)	H Dist Fr L.	Pipe #	Pipe Pos V	A t Pos	C. A t Fr T.	A t H O	St t s	V lid tio
A2	JAHH-45B-R3B	72	18	124	1		Fro t	26.76	11	Ret i ed	03/30/2021
A2	JAHH-45B-R3B	72	18	124	1		Fro t	26.76	-11	Ret i ed	03/30/2021
R4	CBC78T-DS-43	6.4	6.9	124	1		Behi d	26.76	0	Ret i ed	03/30/2021
R5	B2/B66A RRH-BR049	15	15	72.75	2		Behi d	26.76	0	Ret i ed	03/30/2021
R6	B5/B13 RRH-BR04C	15	15	34.25	3		Behi d	26.76	0	Ret i ed	03/30/2021
R1	MT6407-77A	35.1	16.1	10.5	4		Fro t	26.76	0	Ret i ed	

Plan View

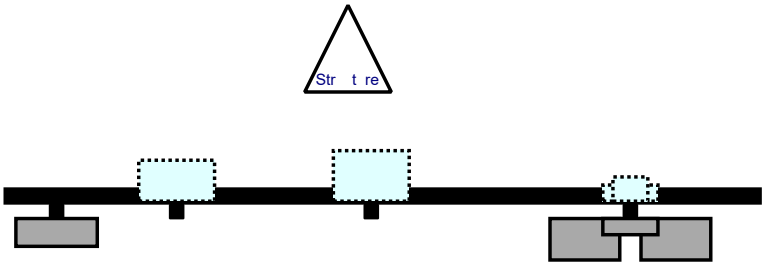


ont View - Loo i g t Str t re

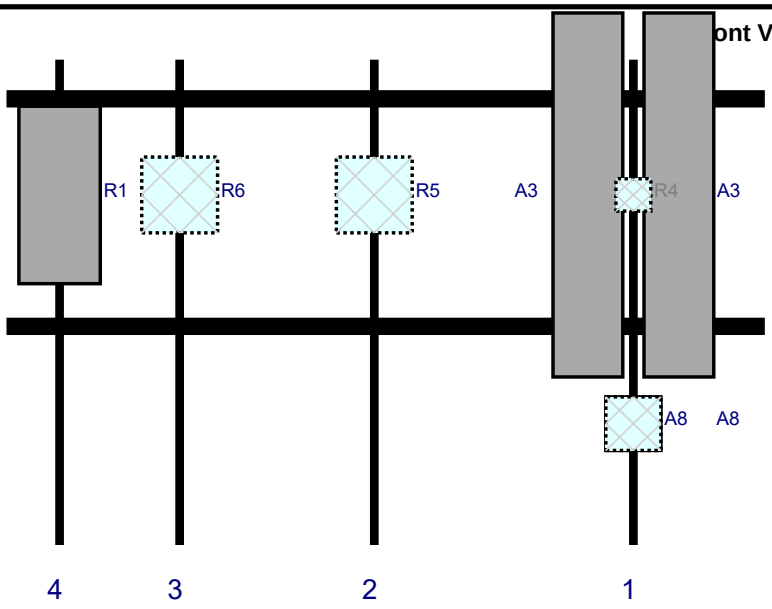


Re #	Model	Height (i)	Width (i)	H Dist Fr L.	Pipe #	Pipe Pos V	A t Pos	C. A t Fr T.	A t H O	St t s	V lid tio
A3	JAHH-65B-R3B	72	13.8	124	1		Fro t	26.76	9	Ret i ed	03/30/2021
A3	JAHH-65B-R3B	72	13.8	124	1		Fro t	26.76	-9	Ret i ed	03/30/2021
R4	CBC78T-DS-43	6.4	6.9	124	1		Behi d	26.76	0	Ret i ed	03/30/2021
A8	KA-6030	10.6	10.9	124	1		Fro t	72	0	Added	
A8	KA-6030	10.6	10.9	124	1		Behi d	72	0	Added	
R5	B2/B66A RRH-BR049	15	15	72.75	2		Behi d	26.76	0	Ret i ed	03/30/2021
R6	B5/B13 RRH-BR04C	15	15	34.25	3		Behi d	26.76	0	Ret i ed	03/30/2021
R1	MT6407-77A	35.1	16.1	10.5	4		Fro t	26.76	0	Ret i ed	

Plan View



ont View - Loo i g t Str t re



Re #	Model	Height (i)	Width (i)	H Dist Fr L.	Pipe #	Pipe Pos V	A t Pos	C. A t Fr T.	A t H O	St t s	V lid tio
A3	JAHH-65B-R3B	72	13.8	124	1		Fro t	26.76	9	Ret i ed	03/30/2021
A3	JAHH-65B-R3B	72	13.8	124	1		Fro t	26.76	-9	Ret i ed	03/30/2021
R4	CBC78T-DS-43	6.4	6.9	124	1		Behi d	26.76	0	Ret i ed	03/30/2021
A8	KA-6030	10.6	10.9	124	1		Fro t	72	0	Added	
A8	KA-6030	10.6	10.9	124	1		Behi d	72	0	Added	
R5	B2/B66A RRH-BR049	15	15	72.75	2		Behi d	26.76	0	Ret i ed	03/30/2021
R6	B5/B13 RRH-BR04C	15	15	34.25	3		Behi d	26.76	0	Ret i ed	03/30/2021
R1	MT6407-77A	35.1	16.1	10.5	4		Fro t	26.76	0	Ret i ed	


03/30/2021

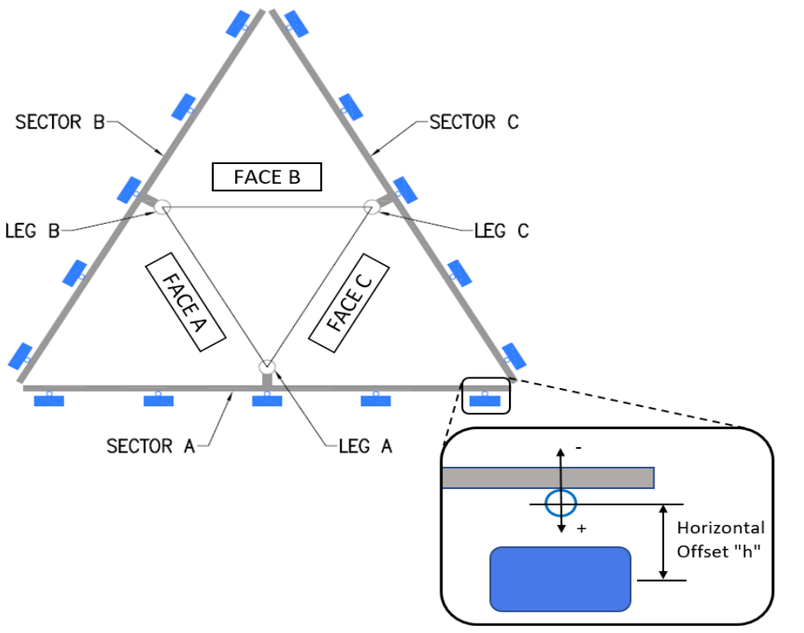
V3.0 Updated on 8-31-2020

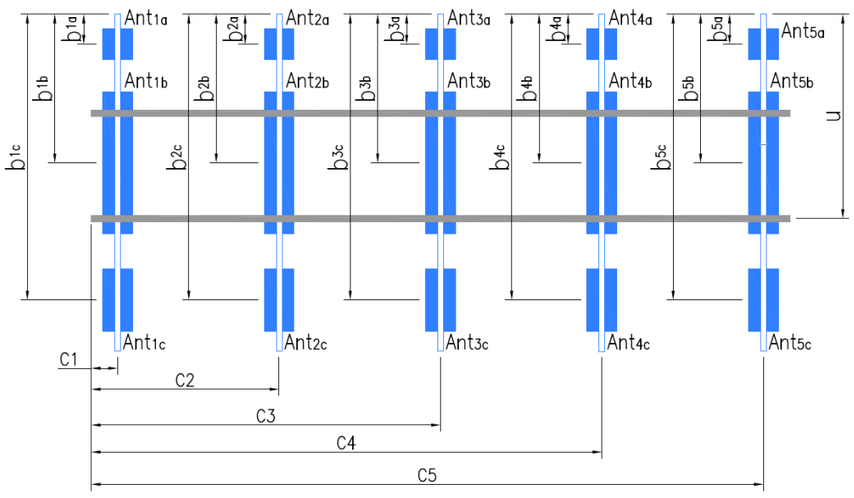
Antenna Mount Mapping Form (PATENT PENDING)

FCC #
1277236

Tower Owner:	AMERICAN TOWER CORPORATION	**Mapping Date:**	3-30-2021
Site Name:	ATC : NAUGATUCK CT ; VZW :NAUGATUCK WEST CT	**Tower Type:**	MONOPOLE
Site Number or ID:	ATC : 283423, VZW:469151	**Tower Height (Ft.):**	UNKNOWN
Mapping Contractor:	RKS DESIGN AND ENGINEERING LLC	**Mount Elevation (Ft.):**	104

Please insert the sketches of the antenna mount from the "Sketches" tab with dimensions and members here.





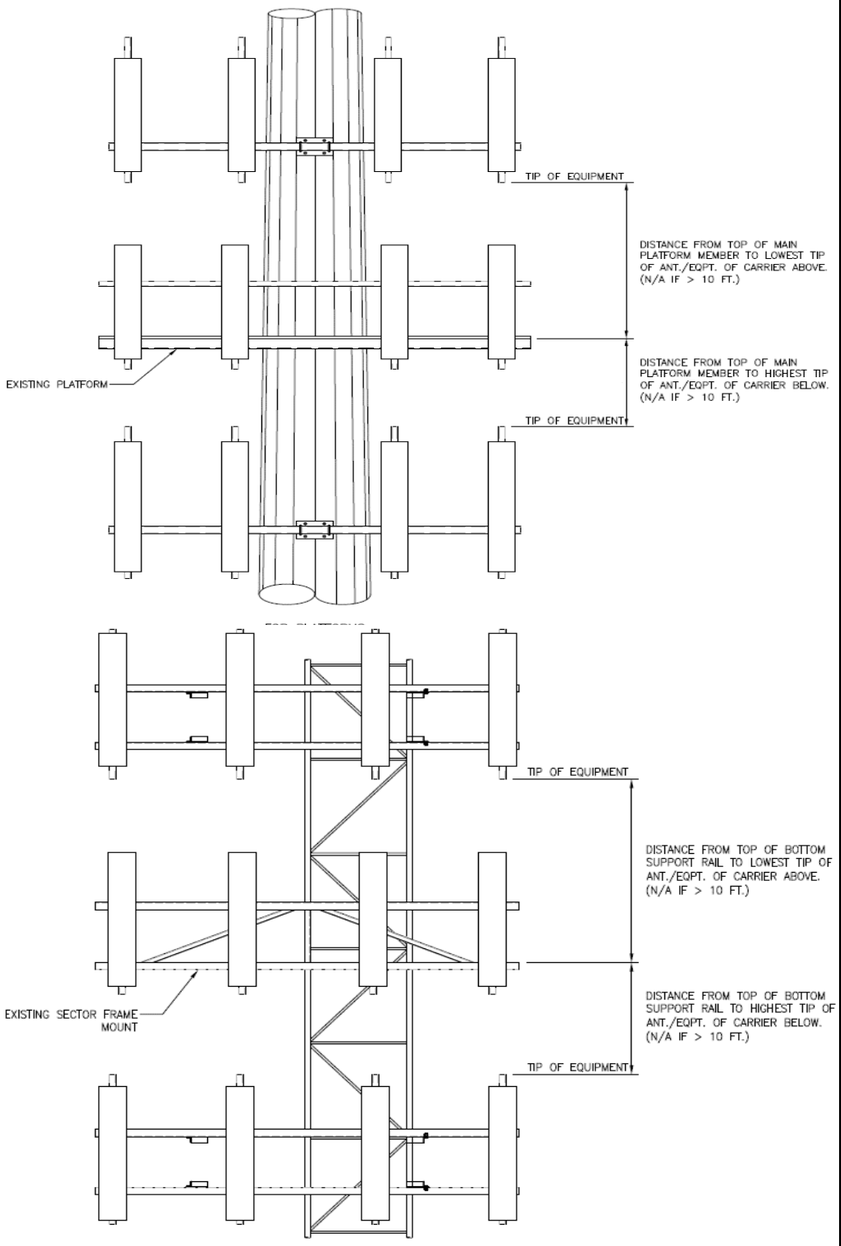
Antenna Layout (Looking Out From Tower)

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	PIPE 2.375"Ø x 0.15"x96" LONG	52.75	26.00	C1	PIPE 2.375"Ø x 0.15"x96" LONG	52.75	26.00
A2	PIPE 2.375"Ø x 0.15"x96" LONG	52.75	77.25	C2	PIPE 2.375"Ø x 0.15"x96" LONG	52.75	77.25
A3	PIPE 2.375"Ø x 0.15"x96" LONG	52.75	115.75	C3	PIPE 2.375"Ø x 0.15"x96" LONG	52.75	115.75
A4	PIPE 2.375"Ø x 0.15"x96" LONG	52.75	139.50	C4	PIPE 2.375"Ø x 0.15"x96" LONG	52.75	139.50
A5				C5			
A6				C6			
B1	PIPE 2.375"Ø x 0.15"x96" LONG	52.75	26.00	D1			
B2	PIPE 2.375"Ø x 0.15"x96" LONG	52.75	77.25	D2			
B3	PIPE 2.375"Ø x 0.15"x96" LONG	52.75	115.75	D3			
B4	PIPE 2.375"Ø x 0.15"x96" LONG	52.75	139.50	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.) :							6
Distance from top of bottom support rail to highest tip of ant./eqpt. of Carrier below. (N/A if > 10 ft.) :							
Please enter additional infomation or comments below.							
Tower Face Width at Mount Elev. (ft.):			Tower Leg Size or Pole Shaft Diameter at Mount Elev. (in.):				31.5

	Enter antenna model. If not labeled, enter "Unknown".						Mounting Locations [Units are inches and degrees]			Photos of antennas
Ants. Items	Antenna Models if Known	Width (in.)	Depth (in.)	Height (in.)	Coax Size and Qty	Antenna Center-line (Ft.)	Vertical Distances"b_{1a}, b_{2a}, b_{3a}, b_{1b}...." (Inches)	Horiz. Offset "h" (Use "-" if Ant. is behind)	Antenna Azimuth (Degrees)	Photo Numbers
Sector A										
Ant_{1a}	CBC78T-DS-43-2X	6.90	9.50	6.40		106.646	21.00	-8.75		14,197
Ant_{1b}	(2) JAHH-45B-R3B	18.00	7.00	72.00		105.125	39.25	12.50	45.00	14,197
Ant_{1c}										
Ant_{2a}	RFV01U-D1A	15.00	10.00	15.00		105.896	30.00	-9.25		14,197
Ant_{2b}										
Ant_{2c}										
Ant_{3a}	RFV01U-D2A	15.00	8.10	15.00		105.854	30.50	-8.50		14,198
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	RRFDC-3315-PF-48	15.73	10.25	26.66			36.00	7.00		332
Ant on Tower										

Mount Azimuth (Degree) for Each Sector				Tower Leg Azimuth (Degree) for Each Sector	
Sector A:	45.00	Deg	Leg A:		Deg
Sector B:	165.00	Deg	Leg B:		Deg
Sector C:	285.00	Deg	Leg C:		Deg
Sector D:		Deg	Leg D:		Deg

Climbing Facility Information			
Location:	45.00	Deg	N/A
Climbing Facility	Corrosion Type:		N/A
	Access:		Climbing path was unobstructed.
	Condition:		Good condition.



Sector B										
Ant_{1a}	CBC78T-DS-43-2X	6.90	9.50	6.40		106.708	20.25	-8.75		21,202
Ant_{1b}	(2) JAHH-65B-R3B	13.80	8.20	72.00		105.813	31.00	12.50	165.00	21,202
Ant_{1c}										
Ant_{2a}	RFV01U-D1A	15.00	10.00	15.00		105.771	31.50	-9.25		21,202
Ant_{2b}										
Ant_{2c}										
Ant_{3a}	RFV01U-D2A	15.00	8.10	15.00		105.938	29.50	-8.50		21,203
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	RRFDC-3315-PF-48	15.73	10.25	26.66		50	7.00			342
Ant on Tower										
Sector C										
Ant_{1a}	(4)CBC78T-DS-43-2X	6.90	9.50	6.40		106.708	20.25	-8.75		28,204
Ant_{1b}	(2) JAHH-65B-R3B	13.80	8.20	72.00		105.813	31.00	12.50	285.00	28,204
Ant_{1c}										
Ant_{2a}	RFV01U-D1A	15.00	10.00	15.00		105.771	31.50	-9.25		28,204
Ant_{2b}										
Ant_{2c}										
Ant_{3a}	RFV01U-D2A	15.00	8.10	15.00		105.938	29.50	-8.50		28,205
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										
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	COAX TOTAL (2) 1.50"Ø HYBRID	49
2		
3		
4		
5		
6		
7		
8		

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

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

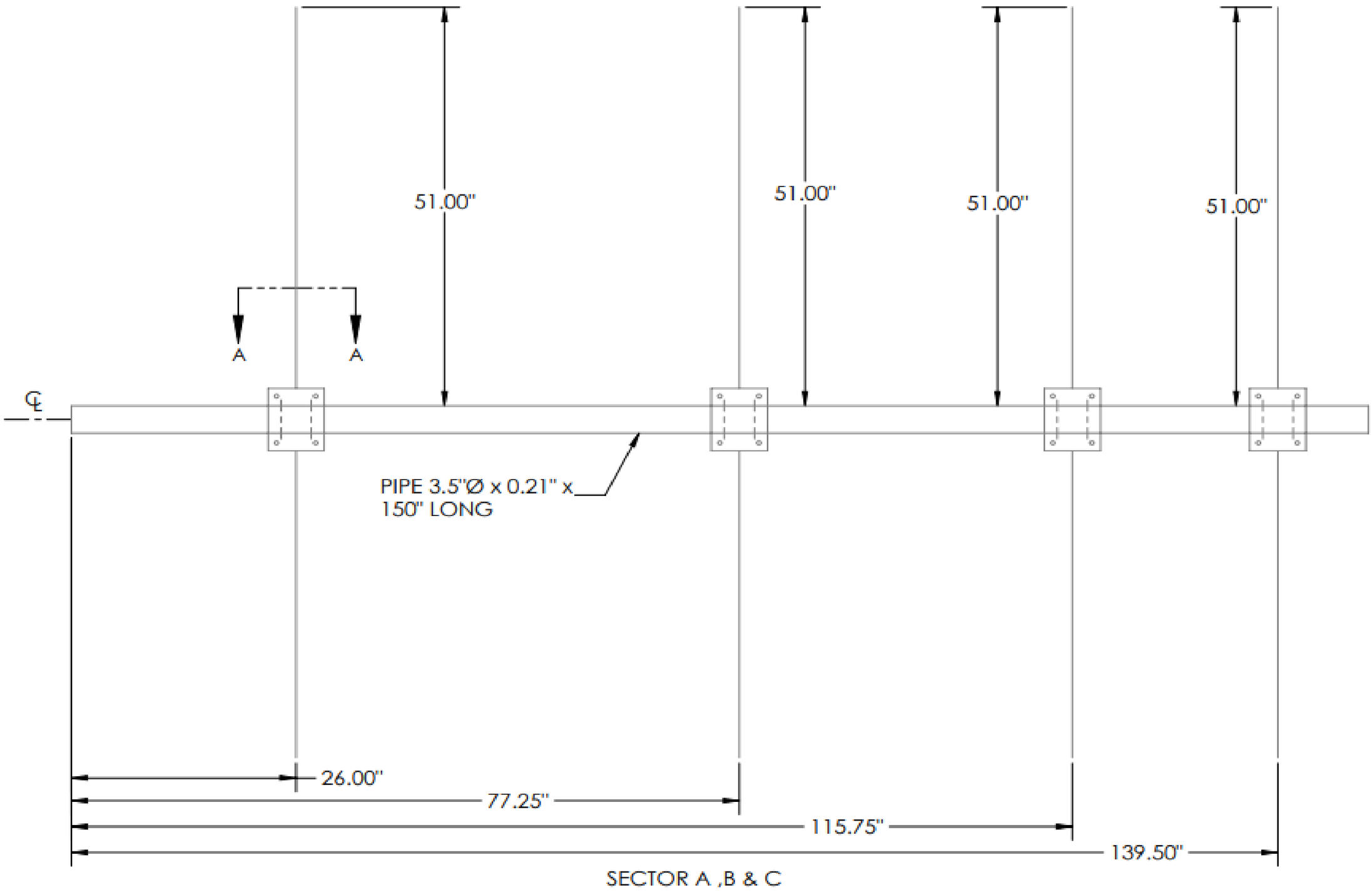
V3.0 Updated on 8-31-2020

Antenna Mount Mapping Form (PATENT PENDING)

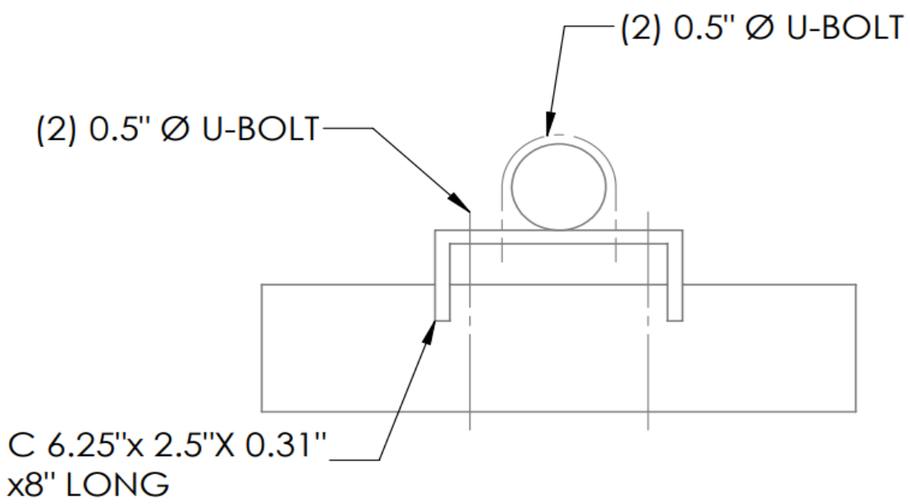
FCC #
1277236

Tower Owner:	AMERICAN TOWER CORPORATION	**Mapping Date:**	3-30-2021
Site Name:	ATC : NAUGATUCK CT ; VZW :NAUGATUCK WEST CT	**Tower Type:**	MONOPOLE
Site Number or ID:	ATC : 283423, VZW:469151	**Tower Height (Ft.):**	UNKNOWN
Mapping Contractor:	RKS DESIGN AND ENGINEERING LLC	**Mount Elevation (Ft.):**	104

Please Insert Sketches of the Antenna Mount

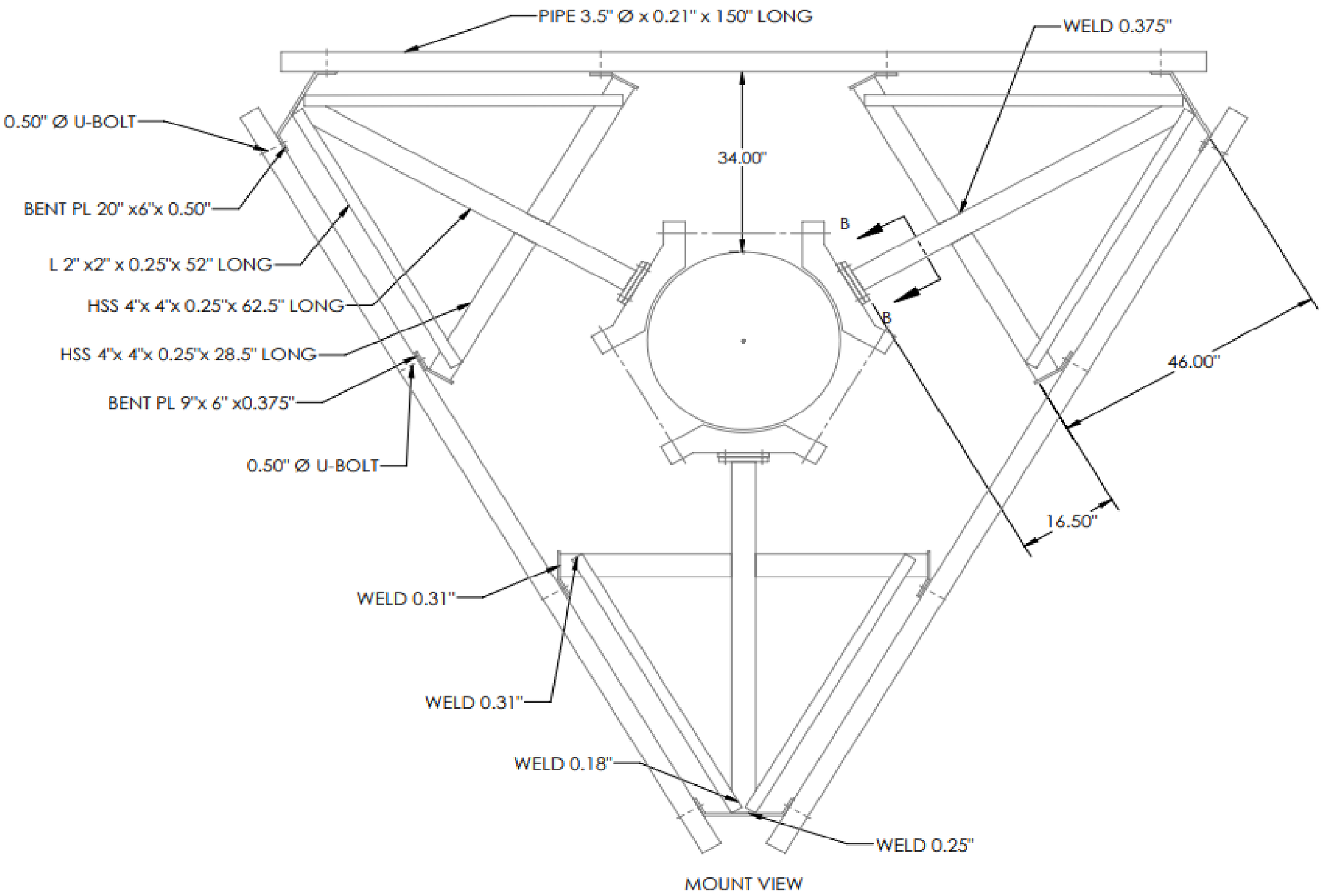


SECTOR A ,B & C

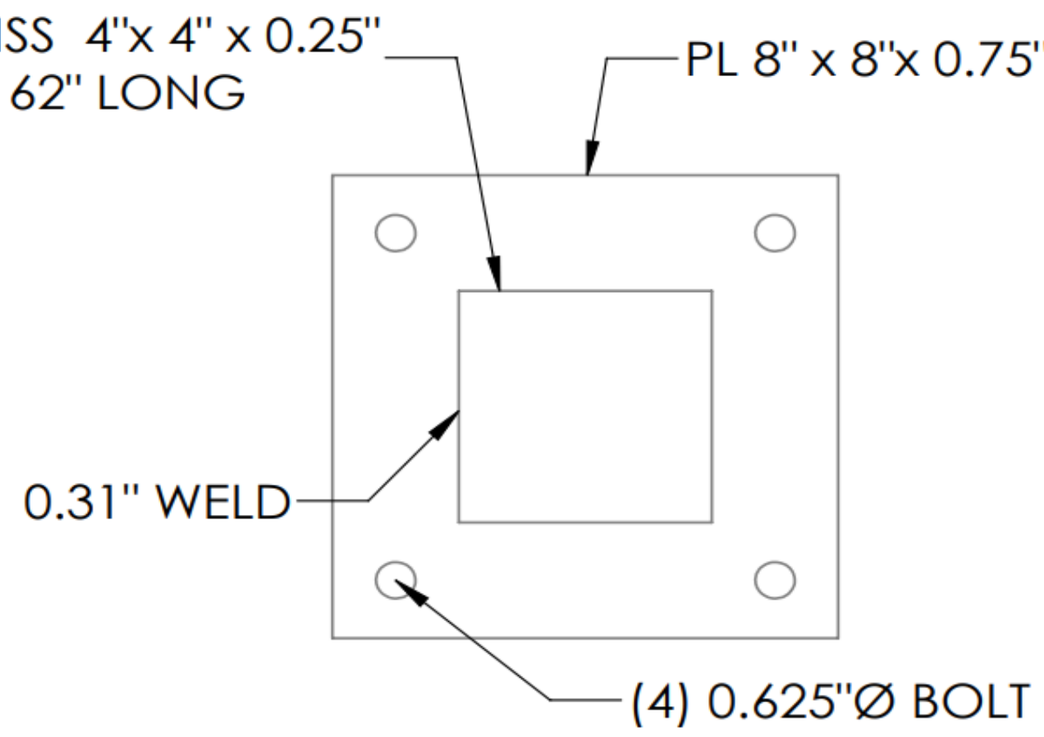


SECTION A-A

Please Insert Sketches of the Antenna Mount, cont'd

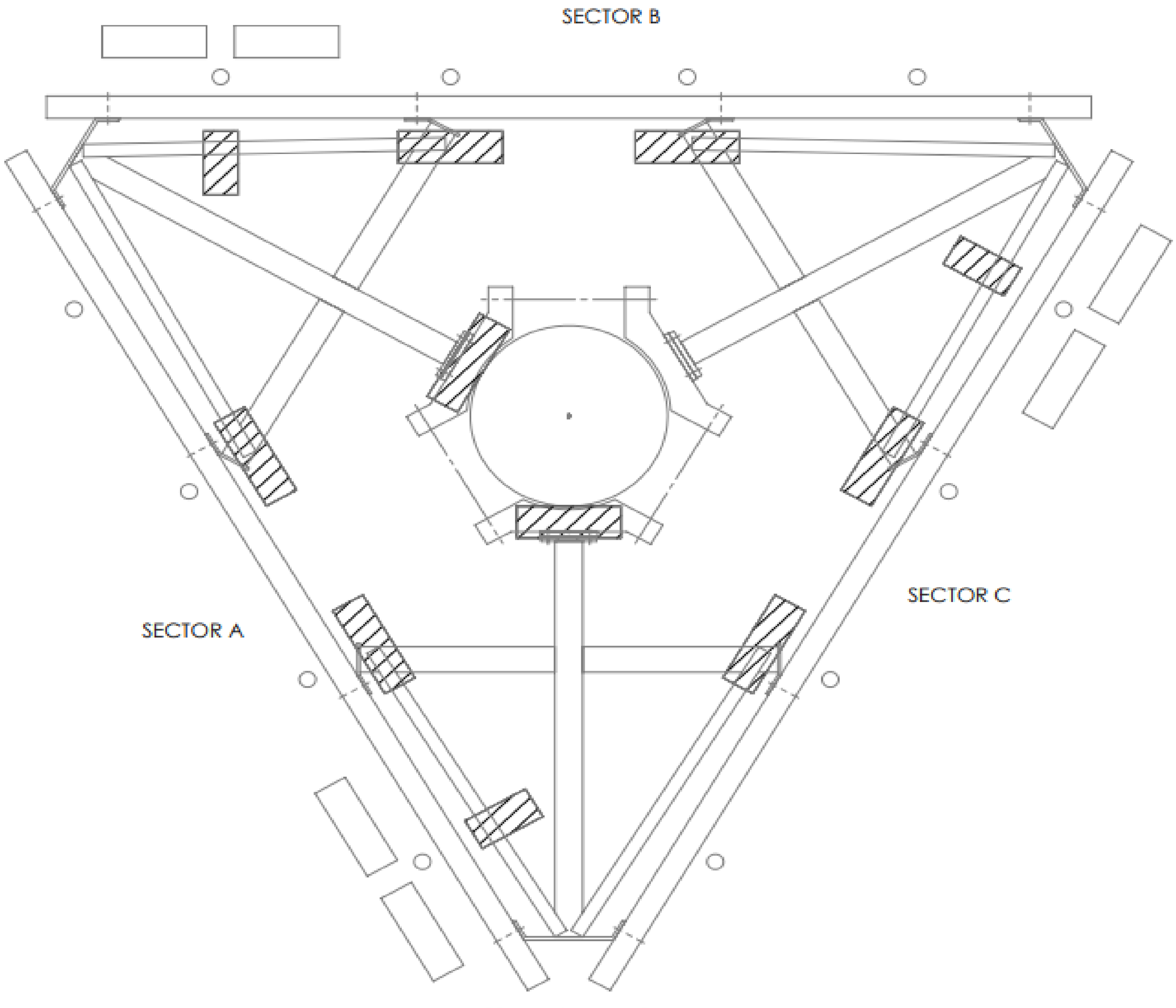


MOUNT VIEW

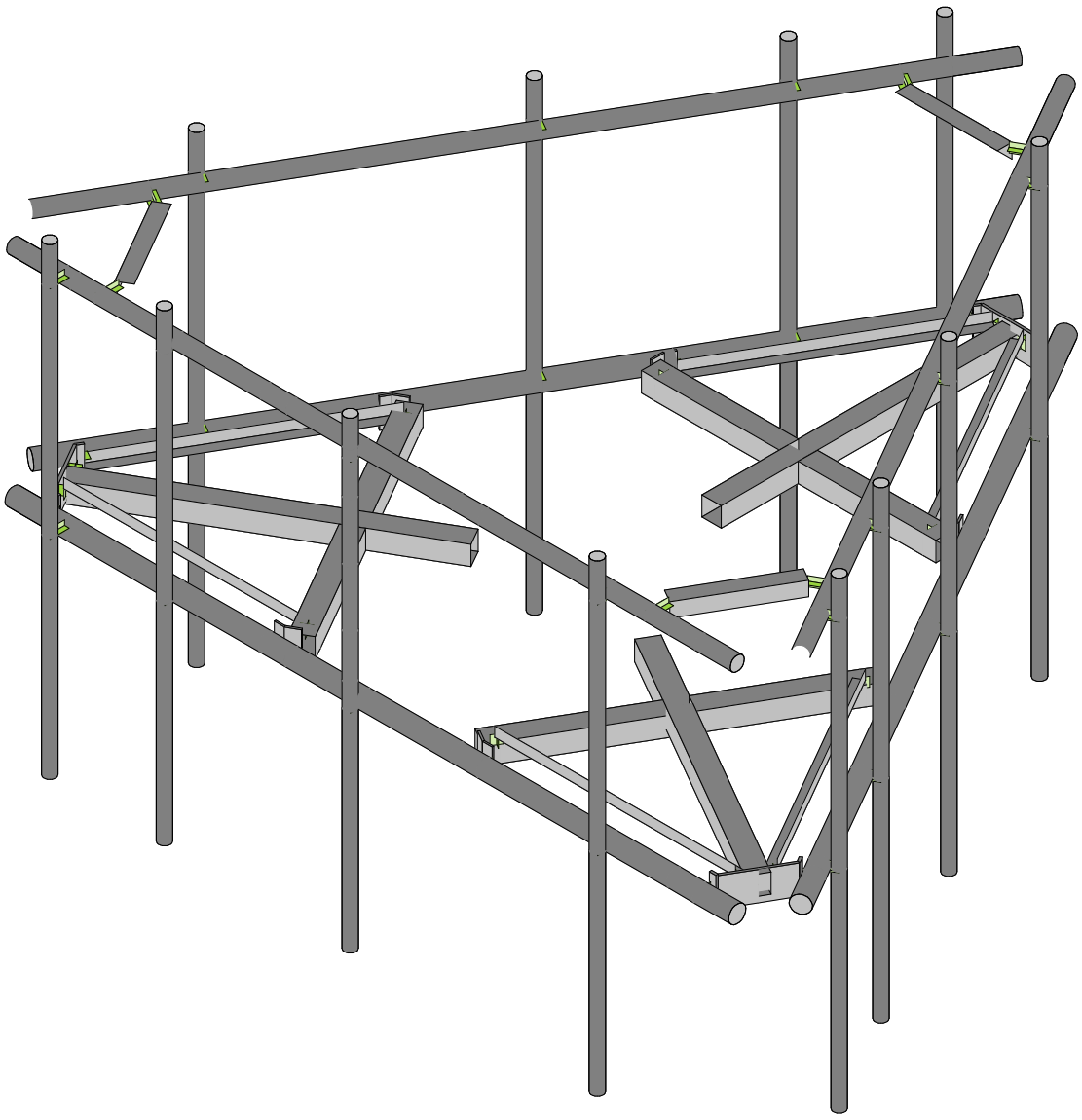


SECTION B-B

Please Insert Sketches of the Antenna Mount, cont'd



ANTENNA PLAN VIEW



Envelope Only Solution

Colliers Engineering & De...	5000382990-VZW_MT_LO_H	SK - 1
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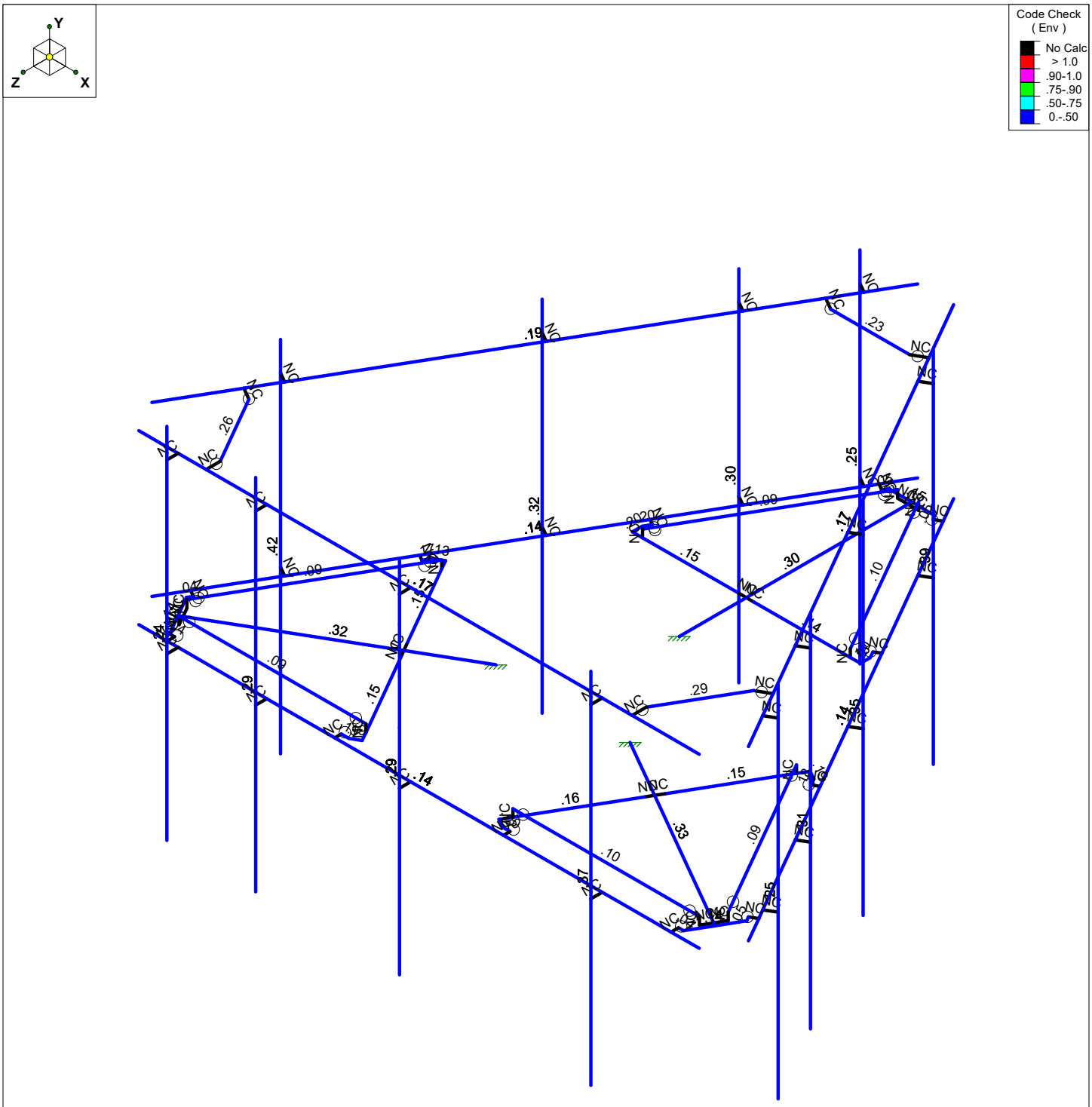
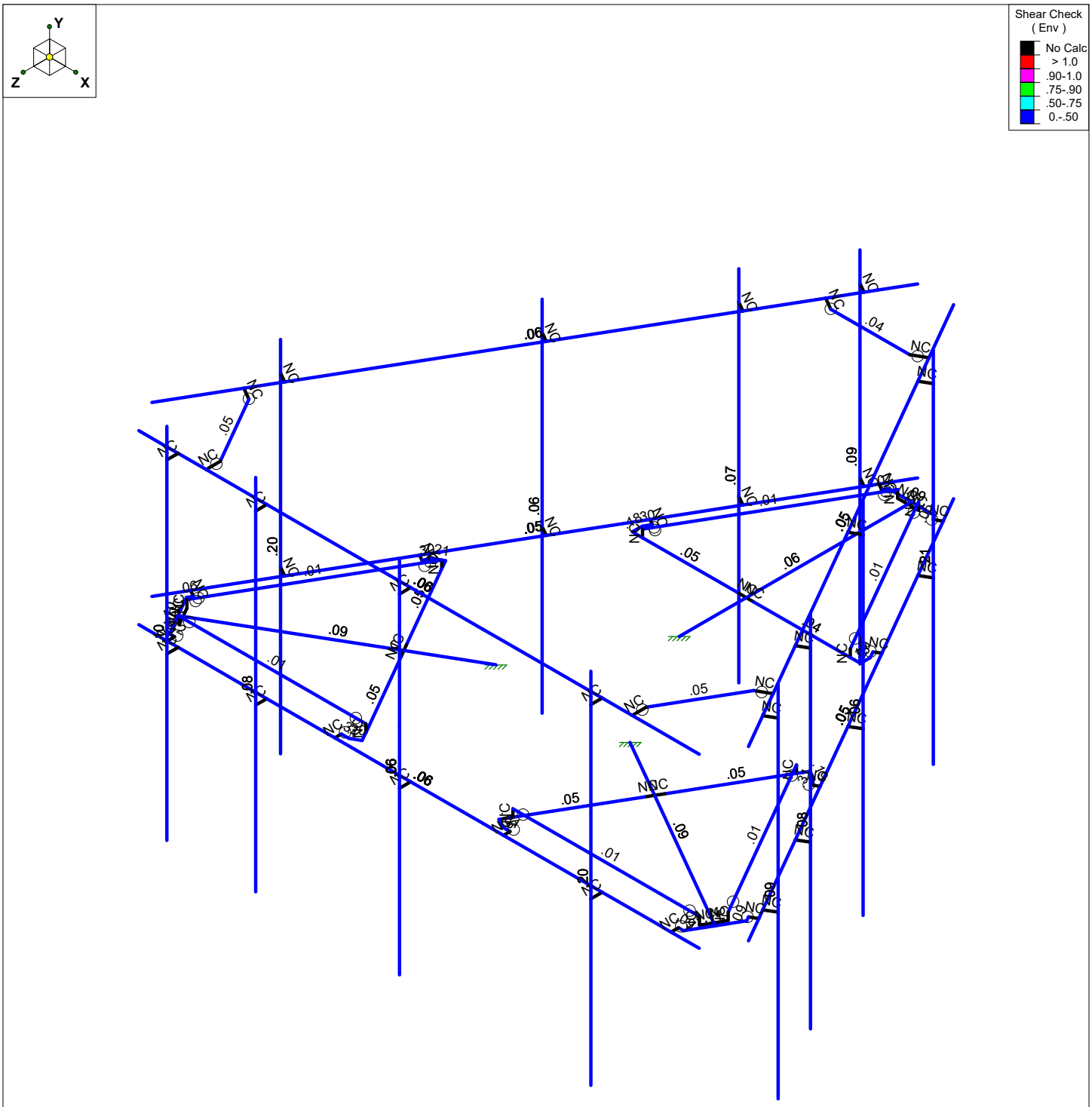
		5000382990-VZW_MT_LO_H.r3d



Member Code Checks Displayed (Enveloped)
Envelope Only Solution

Colliers Engineering & De...	5000382990-VZW_MT_LO_H	SK - 2
		July 21, 2023 at 12:18 PM
		5000382990-VZW_MT_LO_H.r3d



Member Shear Checks Displayed (Enveloped)
Envelope Only Solution

Colliers Engineering & De...	5000382990-VZW_MT_LO_H	SK - 3
		July 21, 2023 at 12:18 PM
		5000382990-VZW_MT_LO_H.r3d

Basic Load Cases

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed	Area(Me...	Surface(...
1	Antenna D	None					93			
2	Antenna Di	None					93			
3	Antenna Wo (0 Deg)	None					93			
4	Antenna Wo (30 Deg)	None					93			
5	Antenna Wo (60 Deg)	None					93			
6	Antenna Wo (90 Deg)	None					93			
7	Antenna Wo (120 Deg)	None					93			
8	Antenna Wo (150 Deg)	None					93			
9	Antenna Wo (180 Deg)	None					93			
10	Antenna Wo (210 Deg)	None					93			
11	Antenna Wo (240 Deg)	None					93			
12	Antenna Wo (270 Deg)	None					93			
13	Antenna Wo (300 Deg)	None					93			
14	Antenna Wo (330 Deg)	None					93			
15	Antenna Wi (0 Deg)	None					93			
16	Antenna Wi (30 Deg)	None					93			
17	Antenna Wi (60 Deg)	None					93			
18	Antenna Wi (90 Deg)	None					93			
19	Antenna Wi (120 Deg)	None					93			
20	Antenna Wi (150 Deg)	None					93			
21	Antenna Wi (180 Deg)	None					93			
22	Antenna Wi (210 Deg)	None					93			
23	Antenna Wi (240 Deg)	None					93			
24	Antenna Wi (270 Deg)	None					93			
25	Antenna Wi (300 Deg)	None					93			
26	Antenna Wi (330 Deg)	None					93			
27	Antenna Wm (0 Deg)	None					93			
28	Antenna Wm (30 Deg)	None					93			
29	Antenna Wm (60 Deg)	None					93			
30	Antenna Wm (90 Deg)	None					93			
31	Antenna Wm (120 Deg)	None					93			
32	Antenna Wm (150 Deg)	None					93			
33	Antenna Wm (180 Deg)	None					93			
34	Antenna Wm (210 Deg)	None					93			
35	Antenna Wm (240 Deg)	None					93			
36	Antenna Wm (270 Deg)	None					93			
37	Antenna Wm (300 Deg)	None					93			
38	Antenna Wm (330 Deg)	None					93			
39	Structure D	None		-1					3	
40	Structure Di	None						57	3	
41	Structure Wo (0 Deg)	None						114		
42	Structure Wo (30 Deg)	None						114		
43	Structure Wo (60 Deg)	None						114		
44	Structure Wo (90 Deg)	None						114		
45	Structure Wo (120 Deg)	None						114		
46	Structure Wo (150 Deg)	None						114		
47	Structure Wo (180 Deg)	None						114		
48	Structure Wo (210 Deg)	None						114		
49	Structure Wo (240 Deg)	None						114		
50	Structure Wo (270 Deg)	None						114		
51	Structure Wo (300 Deg)	None						114		
52	Structure Wo (330 Deg)	None						114		
53	Structure Wi (0 Deg)	None						114		
54	Structure Wi (30 Deg)	None						114		
55	Structure Wi (60 Deg)	None						114		
56	Structure Wi (90 Deg)	None						114		
57	Structure Wi (120 Deg)	None						114		
58	Structure Wi (150 Deg)	None						114		

Basic Load Cases (Continued)

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed	Area(Me...	Surface(...
59	Structure Wi (180 Deg)	None						114		
60	Structure Wi (210 Deg)	None						114		
61	Structure Wi (240 Deg)	None						114		
62	Structure Wi (270 Deg)	None						114		
63	Structure Wi (300 Deg)	None						114		
64	Structure Wi (330 Deg)	None						114		
65	Structure Wm (0 Deg)	None						114		
66	Structure Wm (30 Deg)	None						114		
67	Structure Wm (60 Deg)	None						114		
68	Structure Wm (90 Deg)	None						114		
69	Structure Wm (120 Deg)	None						114		
70	Structure Wm (150 Deg)	None						114		
71	Structure Wm (180 Deg)	None						114		
72	Structure Wm (210 Deg)	None						114		
73	Structure Wm (240 Deg)	None						114		
74	Structure Wm (270 Deg)	None						114		
75	Structure Wm (300 Deg)	None						114		
76	Structure Wm (330 Deg)	None						114		
77	Lm1	None					1			
78	Lm2	None					1			
79	Lv1	None					1			
80	Lv2	None					1			
81	Antenna Ev	None					93			
82	Antenna Eh (0 Deg)	None					62			
83	Antenna Eh (90 Deg)	None					62			
84	Structure Ev	ELY		-.042					3	
85	Structure Eh (0 Deg)	ELZ			-.105				3	
86	Structure Eh (90 Deg)	ELX	.105						3	
87	BLC 39 Transient Area L...	None						30		
88	BLC 40 Transient Area L...	None						30		
89	BLC 84 Transient Area L...	None						30		
90	BLC 85 Transient Area L...	None						30		
91	BLC 86 Transient Area L...	None						30		

Load Combinations

	Description	So..	P...	S...	BLC	Fac..	BLC	Fac..	BLC	Fac..	BLC	Fac..	BLC	Fac..	BLC	Fac..	BLC	Fac..	BLC	Fac..	BLC	Fac..	BLC	Fac...
1	1.2D+1.0Wo (0 Deg)	Yes	Y		1	1.2	39	1.2	3	1	41	1												
2	1.2D+1.0Wo (30 Deg)	Yes	Y		1	1.2	39	1.2	4	1	42	1												
3	1.2D+1.0Wo (60 Deg)	Yes	Y		1	1.2	39	1.2	5	1	43	1												
4	1.2D+1.0Wo (90 Deg)	Yes	Y		1	1.2	39	1.2	6	1	44	1												
5	1.2D+1.0Wo (120 Deg)	Yes	Y		1	1.2	39	1.2	7	1	45	1												
6	1.2D+1.0Wo (150 Deg)	Yes	Y		1	1.2	39	1.2	8	1	46	1												
7	1.2D+1.0Wo (180 Deg)	Yes	Y		1	1.2	39	1.2	9	1	47	1												
8	1.2D+1.0Wo (210 Deg)	Yes	Y		1	1.2	39	1.2	10	1	48	1												
9	1.2D+1.0Wo (240 Deg)	Yes	Y		1	1.2	39	1.2	11	1	49	1												
10	1.2D+1.0Wo (270 Deg)	Yes	Y		1	1.2	39	1.2	12	1	50	1												
11	1.2D+1.0Wo (300 Deg)	Yes	Y		1	1.2	39	1.2	13	1	51	1												
12	1.2D+1.0Wo (330 Deg)	Yes	Y		1	1.2	39	1.2	14	1	52	1												
13	1.2D + 1.0Di + 1.0Wi (...	Yes	Y		1	1.2	39	1.2	2	1	40	1	15	1	53	1								
14	1.2D + 1.0Di + 1.0Wi (...	Yes	Y		1	1.2	39	1.2	2	1	40	1	16	1	54	1								
15	1.2D + 1.0Di + 1.0Wi (...	Yes	Y		1	1.2	39	1.2	2	1	40	1	17	1	55	1								
16	1.2D + 1.0Di + 1.0Wi (...	Yes	Y		1	1.2	39	1.2	2	1	40	1	18	1	56	1								
17	1.2D + 1.0Di + 1.0Wi (...	Yes	Y		1	1.2	39	1.2	2	1	40	1	19	1	57	1								
18	1.2D + 1.0Di + 1.0Wi (...	Yes	Y		1	1.2	39	1.2	2	1	40	1	20	1	58	1								
19	1.2D + 1.0Di + 1.0Wi (...	Yes	Y		1	1.2	39	1.2	2	1	40	1	21	1	59	1								
20	1.2D + 1.0Di + 1.0Wi (...	Yes	Y		1	1.2	39	1.2	2	1	40	1	22	1	60	1								
21	1.2D + 1.0Di + 1.0Wi (...	Yes	Y		1	1.2	39	1.2	2	1	40	1	23	1	61	1								

Load Combinations (Continued)

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

Joint Coordinates and Temperatures

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
1	N1	6.25	0	4.07094	0	
2	N2	-6.25	0	4.07094	0	
3	N3	0	0	-1.729167	0	
4	N5	-2.541667	0	-3.229167	0	
5	N6	2.315104	0.166667	-3.229167	0	
6	N7	-2.315104	0.166667	-3.229167	0	
7	N8	4.083333	0	4.07094	0	
8	N9	4.083333	0	4.32094	0	
9	N10	-5.375	0	4.07094	0	
10	N11	-5.375	0	4.32094	0	
11	N12	-0.1875	0	4.07094	0	
12	N13	-0.1875	0	4.32094	0	
13	N14	-3.395833	0	4.07094	0	
14	N15	-3.395833	0	4.32094	0	
15	N16	-3.395833	-3.604167	4.32094	0	
16	N17	-3.395833	4.395833	4.32094	0	
17	N18	-5.375	-3.604167	4.32094	0	
18	N19	-5.375	4.395833	4.32094	0	
19	N20	-0.1875	-3.604167	4.32094	0	
20	N21	-0.1875	4.395833	4.32094	0	
21	N22	4.083333	-3.604167	4.32094	0	
22	N23	4.083333	4.395833	4.32094	0	
23	N24	0	0	-3.229167	0	
24	N27	0	0	-6.916667	0	
25	CP	0	0	0	0	
26	N29	2.315104	0	-3.229167	0	
27	N30	-2.315104	0	-3.229167	0	
28	N101	2.541667	0	-3.229167	0	
29	N102	-0.166667	0	-3.229167	0	
30	N103A	0.166667	0	-3.229167	0	
31	N104A	-2.541667	0	-3.447917	0	
32	N105	2.541667	0	-3.447917	0	
33	N131	2.458333	0	-3.592254	0	
34	N135	0.571615	0	-6.81969	0	
35	N144	-2.458333	0	-3.592254	0	
36	N148	-0.571615	0	-6.81969	0	
37	N86A	2.584629	0	-3.665171	0	
38	N86B	-2.584629	0	-3.665171	0	
39	N86C	-0.515625	0	-6.916667	0	
40	N87A	0.515625	0	-6.916667	0	
41	N86D	0.715429	0	-6.902721	0	
42	N86E	-0.715429	0	-6.902721	0	
43	N88A	0	0	-6.833333	0	
44	N87C	0.234238	0.166667	-6.833333	0	
45	N86G	0.234238	0	-6.833333	0	
46	N87B	-0.234238	0.166667	-6.833333	0	
47	N88C	-0.234238	0	-6.833333	0	
48	N105A	-1.430762	0	4.07094	0	
49	N109	-5.169162	0	4.07094	0	
50	N132	1.430762	0	4.07094	0	
51	N136	5.169162	0	4.07094	0	
52	N56	-1.497502	0	0.864583	0	
53	N57	-1.525707	0	3.815731	0	
54	N58	-3.954092	0.166667	-0.390356	0	
55	N59	-1.638988	0.166667	3.619522	0	
56	N60	-2.79654	0	1.614583	0	
57	N61	-5.990009	0	3.458333	0	
58	N63	-3.954092	0	-0.390356	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
59	N64	-1.638988	0	3.619522	0	
60	N65	-4.067374	0	-0.586565	0	
61	N66	-2.713207	0	1.758921	0	
62	N67	-2.879874	0	1.470246	0	
63	N68	-1.71515	0	3.925106	0	
64	N69	-4.256817	0	-0.47719	0	
65	N70	-4.34015	0	-0.332852	0	
66	N71	-6.191832	0	2.914812	0	
67	N72	-1.881817	0	3.925106	0	
68	N73	-5.620217	0	3.904878	0	
69	N74	-4.466446	0	-0.405769	0	
70	N75	-1.881817	0	4.07094	0	
71	N76	-5.732197	0	3.904878	0	
72	N77	-6.247822	0	3.011789	0	
73	N78	-6.335646	0	2.831781	0	
74	N79	-5.620217	0	4.07094	0	
75	N80	-5.91784	0	3.416667	0	
76	N81	-6.034959	0.166667	3.213811	0	
77	N82	-6.034959	0	3.213811	0	
78	N83	-5.800721	0.166667	3.619522	0	
79	N84	-5.800721	0	3.619522	0	
80	N85	1.497502	0	0.864583	0	
81	N86	4.067374	0	-0.586565	0	
82	N87	1.638988	0.166667	3.619522	0	
83	N88	3.954092	0.166667	-0.390356	0	
84	N89	2.79654	0	1.614583	0	
85	N90	5.990009	0	3.458333	0	
86	N92	1.638988	0	3.619522	0	
87	N93	3.954092	0	-0.390356	0	
88	N94	1.525707	0	3.815731	0	
89	N95	2.879874	0	1.470246	0	
90	N96	2.713207	0	1.758921	0	
91	N97	4.256817	0	-0.47719	0	
92	N98	1.71515	0	3.925106	0	
93	N99	1.881817	0	3.925106	0	
94	N100	5.620217	0	3.904878	0	
95	N101A	4.34015	0	-0.332852	0	
96	N102A	6.191832	0	2.914812	0	
97	N103	1.881817	0	4.07094	0	
98	N104	4.466446	0	-0.405769	0	
99	N105B	6.247822	0	3.011789	0	
100	N106	5.732197	0	3.904878	0	
101	N107	5.620217	0	4.07094	0	
102	N108	6.335646	0	2.831781	0	
103	N109A	5.91784	0	3.416667	0	
104	N110	5.800721	0.166667	3.619522	0	
105	N111	5.800721	0	3.619522	0	
106	N112	6.034959	0.166667	3.213811	0	
107	N113	6.034959	0	3.213811	0	
108	N108A	0.400537	0	-7.448129	0	
109	N109B	6.650537	0	3.377189	0	
110	N110A	1.483871	0	-5.57174	0	
111	N111A	1.700377	0	-5.69674	0	
112	N112A	6.213037	0	2.619417	0	
113	N113A	6.429544	0	2.494417	0	
114	N114	3.619287	0	-1.87309	0	
115	N115	3.835794	0	-1.99809	0	
116	N116	5.223454	0	0.905408	0	
117	N117	5.43996	0	0.780408	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
118	N118	5.43996	-3.604167	0.780408	0	
119	N119	5.43996	4.395833	0.780408	0	
120	N120	6.429544	-3.604167	2.494417	0	
121	N121	6.429544	4.395833	2.494417	0	
122	N122	3.835794	-3.604167	-1.99809	0	
123	N123	3.835794	4.395833	-1.99809	0	
124	N124	1.700377	-3.604167	-5.69674	0	
125	N125	1.700377	4.395833	-5.69674	0	
126	N126	-6.650537	0	3.377189	0	
127	N127	-0.400537	0	-7.448129	0	
128	N128	-5.567204	0	1.5008	0	
129	N129	-5.78371	0	1.3758	0	
130	N130	-0.838037	0	-6.690357	0	
131	N131A	-1.054544	0	-6.815357	0	
132	N132A	-3.431787	0	-2.19785	0	
133	N133	-3.648294	0	-2.32285	0	
134	N134	-1.827621	0	-4.976348	0	
135	N135A	-2.044127	0	-5.101348	0	
136	N136A	-2.044127	-3.604167	-5.101348	0	
137	N137	-2.044127	4.395833	-5.101348	0	
138	N138	-1.054544	-3.604167	-6.815357	0	
139	N139	-1.054544	4.395833	-6.815357	0	
140	N140	-3.648294	-3.604167	-2.32285	0	
141	N141	-3.648294	4.395833	-2.32285	0	
142	N142	-5.78371	-3.604167	1.3758	0	
143	N143	-5.78371	4.395833	1.3758	0	
144	N144A	-0.1875	2.166667	4.32094	0	
145	N145	-0.1875	0.416667	4.32094	0	
146	N146	-0.1875	3.916667	4.32094	0	
147	N147	-0.1875	3.166667	4.32094	0	
148	N148A	-0.1875	1.166667	4.32094	0	
149	N149	6.25	3.75	4.07094	0	
150	N150	-6.25	3.75	4.07094	0	
151	N151	4.083333	3.75	4.07094	0	
152	N152	4.083333	3.75	4.32094	0	
153	N153	-5.375	3.75	4.07094	0	
154	N154	-5.375	3.75	4.32094	0	
155	N155	-0.1875	3.75	4.07094	0	
156	N156	-0.1875	3.75	4.32094	0	
157	N157	-3.395833	3.75	4.07094	0	
158	N158	-3.395833	3.75	4.32094	0	
159	N159	-1.430762	3.75	4.07094	0	
160	N160	-5.169162	3.75	4.07094	0	
161	N161	1.430762	3.75	4.07094	0	
162	N162	5.169162	3.75	4.07094	0	
163	N163	-1.881817	3.75	4.07094	0	
164	N164	-5.620217	3.75	4.07094	0	
165	N165	1.881817	3.75	4.07094	0	
166	N166	5.620217	3.75	4.07094	0	
167	N168	0.400537	3.75	-7.448129	0	
168	N169	6.650537	3.75	3.377189	0	
169	N170	1.483871	3.75	-5.57174	0	
170	N171	1.700377	3.75	-5.69674	0	
171	N172	6.213037	3.75	2.619417	0	
172	N173	6.429544	3.75	2.494417	0	
173	N174	3.619287	3.75	-1.87309	0	
174	N175	3.835794	3.75	-1.99809	0	
175	N176	5.223454	3.75	0.905408	0	
176	N177	5.43996	3.75	0.780408	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
177	N179	-6.650537	3.75	3.377189	0	
178	N180	-0.400537	3.75	-7.448129	0	
179	N181	-5.567204	3.75	1.5008	0	
180	N182	-5.78371	3.75	1.3758	0	
181	N183	-0.838037	3.75	-6.690357	0	
182	N184	-1.054544	3.75	-6.815357	0	
183	N185	-3.431787	3.75	-2.19785	0	
184	N186	-3.648294	3.75	-2.32285	0	
185	N187	-1.827621	3.75	-4.976348	0	
186	N188	-2.044127	3.75	-5.101348	0	
187	N187A	-4.75	3.75	4.07094	0	
188	N188A	4.75	3.75	4.07094	0	
189	N189	-4.75	3.75	3.75844	0	
190	N191	4.75	3.75	3.75844	0	
191	N192	5.900537	3.75	2.078151	0	
192	N193	1.150537	3.75	-6.149091	0	
193	N194	5.629904	3.75	2.234401	0	
194	N195	0.879904	3.75	-5.992841	0	
195	N197	-1.150537	3.75	-6.149091	0	
196	N198	-5.900537	3.75	2.078151	0	
197	N199	-0.879904	3.75	-5.992841	0	
198	N200	-5.629904	3.75	2.234401	0	

Hot Rolled Steel Section Sets

	Label	Shape	Type	Design List	Material	Design R...	A [in2]	Iyy [in4]	Izz [in4]	J [in4]
1	Face Horizontal	PIPE_3.0	Beam	Pipe	A53 Gr.B	Typical	2.07	2.85	2.85	5.69
2	Standoff Horizontal	HSS4X4X4	Beam	SquareTube	A500 Gr.B ...	Typical	3.37	7.8	7.8	12.8
3	Corner Plate	PL1/2X6	Beam	BAR	A36 Gr.36	Typical	3	.063	9	.237
4	Platform Crossme...	HSS4X4X4	Beam	SquareTube	A500 Gr.B ...	Typical	3.37	7.8	7.8	12.8
5	Grating Support	L2x2x4	Beam	Single Angle	A36 Gr.36	Typical	.944	.346	.346	.021
6	Mod Support Rail C...	L3X3X4	Beam	Single Angle	A36 Gr.36	Typical	1.44	1.23	1.23	.031
7	Mount Pipe	PIPE_2.0	Column	Pipe	A53 Gr.B	Typical	1.02	.627	.627	1.25
8	Mod Support Rail	PIPE_2.5	Column	Pipe	A53 Gr.B	Typical	1.61	1.45	1.45	2.89
9	Cross Arm Plate	PL3/8x6	Column	RECT	A36 Gr.36	Typical	2.25	.026	6.75	.101

Hot Rolled Steel Properties

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

Member Primary Data

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
1	M1	N1	N2			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
2	M4	N3	N27			Standoff Horiz...	Beam	SquareTube	A500 Gr.B...	Typical
3	M10	N101	N103A			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
4	M19	N8	N9			RIGID	None	None	RIGID	Typical
5	M20	N10	N11			RIGID	None	None	RIGID	Typical
6	M21	N12	N13			RIGID	None	None	RIGID	Typical

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
7	M22	N14	N15			RIGID	None	None	RIGID	Typical
8	MP3A	N17	N16			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
9	MP4A	N19	N18			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
10	MP2A	N21	N20			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
11	MP1A	N23	N22			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
12	M43	N102	N5			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
13	M46	N86C	N87A			Corner Plate	Beam	BAR	A36 Gr.36	Typical
14	M35A	N7	N30			RIGID	None	None	RIGID	Typical
15	M36A	N6	N29			RIGID	None	None	RIGID	Typical
16	M51B	N87C	N6			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
17	M52B	N7	N87B			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
18	M52	N87B	N88C			RIGID	None	None	RIGID	Typical
19	M58	N102	N24			RIGID	None	None	RIGID	Typical
20	M59	N24	N103A			RIGID	None	None	RIGID	Typical
21	M76	N101	N105			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
22	M77	N105	N131			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
23	M79	N131	N86A			RIGID	None	None	RIGID	Typical
24	M80	N87A	N135			Corner Plate	Beam	BAR	A36 Gr.36	Typical
25	M83	N135	N86D			RIGID	None	None	RIGID	Typical
26	M84	N5	N104A			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
27	M85	N104A	N144			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
28	M88	N144	N86B			RIGID	None	None	RIGID	Typical
29	M91	N86C	N148			Corner Plate	Beam	BAR	A36 Gr.36	Typical
30	M92	N148	N86E			RIGID	None	None	RIGID	Typical
31	M50	N88C	N88A			RIGID	None	None	RIGID	Typical
32	M51	N88A	N86G			RIGID	None	None	RIGID	Typical
33	M51A	N87C	N86G			RIGID	None	None	RIGID	Typical
34	M34	N56	N61			Standoff Horiz...	Beam	SquareTube	A500 Gr.B...	Typical
35	M35	N65	N67			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
36	M36	N66	N57			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
37	M37	N76	N77			Corner Plate	Beam	BAR	A36 Gr.36	Typical
38	M38	N59	N64		240	RIGID	None	None	RIGID	Typical
39	M39	N58	N63		240	RIGID	None	None	RIGID	Typical
40	M40	N81	N58			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
41	M41	N59	N83			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
42	M42	N83	N84		240	RIGID	None	None	RIGID	Typical
43	M43A	N66	N60			RIGID	None	None	RIGID	Typical
44	M44	N60	N67			RIGID	None	None	RIGID	Typical
45	M45	N65	N69			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
46	M46A	N69	N70			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
47	M47	N70	N74			RIGID	None	None	RIGID	Typical
48	M48	N77	N71			Corner Plate	Beam	BAR	A36 Gr.36	Typical
49	M49	N71	N78			RIGID	None	None	RIGID	Typical
50	M50A	N57	N68			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
51	M51C	N68	N72			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
52	M52A	N72	N75			RIGID	None	None	RIGID	Typical
53	M53	N76	N73			Corner Plate	Beam	BAR	A36 Gr.36	Typical
54	M54	N73	N79			RIGID	None	None	RIGID	Typical
55	M55	N84	N80			RIGID	None	None	RIGID	Typical
56	M56	N80	N82			RIGID	None	None	RIGID	Typical
57	M57	N81	N82		240	RIGID	None	None	RIGID	Typical
58	M58A	N85	N90			Standoff Horiz...	Beam	SquareTube	A500 Gr.B...	Typical
59	M59A	N94	N96			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
60	M60	N95	N86			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
61	M61	N105B	N106			Corner Plate	Beam	BAR	A36 Gr.36	Typical
62	M62	N88	N93		120	RIGID	None	None	RIGID	Typical
63	M63	N87	N92		120	RIGID	None	None	RIGID	Typical
64	M64	N110	N87			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
65	M65	N88	N112			Grating Support	Beam	Single Angle	A36 Gr.36	Typical

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
66	M66	N112	N113		120	RIGID	None	None	RIGID	Typical
67	M67	N95	N89			RIGID	None	None	RIGID	Typical
68	M68	N89	N96			RIGID	None	None	RIGID	Typical
69	M69	N94	N98			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
70	M70	N98	N99			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
71	M71	N99	N103			RIGID	None	None	RIGID	Typical
72	M72	N106	N100			Corner Plate	Beam	BAR	A36 Gr.36	Typical
73	M73	N100	N107			RIGID	None	None	RIGID	Typical
74	M74	N86	N97			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
75	M75	N97	N101A			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
76	M76A	N101A	N104			RIGID	None	None	RIGID	Typical
77	M77A	N105B	N102A			Corner Plate	Beam	BAR	A36 Gr.36	Typical
78	M78	N102A	N108			RIGID	None	None	RIGID	Typical
79	M79A	N113	N109A			RIGID	None	None	RIGID	Typical
80	M80A	N109A	N111			RIGID	None	None	RIGID	Typical
81	M81	N110	N111		120	RIGID	None	None	RIGID	Typical
82	M82	N108A	N109B			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
83	M83A	N110A	N111A			RIGID	None	None	RIGID	Typical
84	M84A	N112A	N113A			RIGID	None	None	RIGID	Typical
85	M85A	N114	N115			RIGID	None	None	RIGID	Typical
86	M86	N116	N117			RIGID	None	None	RIGID	Typical
87	MP3C	N119	N118		240	Mount Pipe	Column	Pipe	A53 Gr.B	Typical
88	MP4C	N121	N120		240	Mount Pipe	Column	Pipe	A53 Gr.B	Typical
89	MP2C	N123	N122		240	Mount Pipe	Column	Pipe	A53 Gr.B	Typical
90	MP1C	N125	N124		240	Mount Pipe	Column	Pipe	A53 Gr.B	Typical
91	M91A	N126	N127			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
92	M92A	N128	N129			RIGID	None	None	RIGID	Typical
93	M93	N130	N131A			RIGID	None	None	RIGID	Typical
94	M94	N132A	N133			RIGID	None	None	RIGID	Typical
95	M95	N134	N135A			RIGID	None	None	RIGID	Typical
96	MP3B	N137	N136A		120	Mount Pipe	Column	Pipe	A53 Gr.B	Typical
97	MP4B	N139	N138		120	Mount Pipe	Column	Pipe	A53 Gr.B	Typical
98	MP2B	N141	N140		120	Mount Pipe	Column	Pipe	A53 Gr.B	Typical
99	MP1B	N143	N142		120	Mount Pipe	Column	Pipe	A53 Gr.B	Typical
100	M100	N149	N150			Mod Support ...	Column	Pipe	A53 Gr.B	Typical
101	M101	N151	N152			RIGID	None	None	RIGID	Typical
102	M102	N153	N154			RIGID	None	None	RIGID	Typical
103	M103	N155	N156			RIGID	None	None	RIGID	Typical
104	M104	N157	N158			RIGID	None	None	RIGID	Typical
105	M105	N168	N169			Mod Support ...	Column	Pipe	A53 Gr.B	Typical
106	M106	N170	N171			RIGID	None	None	RIGID	Typical
107	M107	N172	N173			RIGID	None	None	RIGID	Typical
108	M108	N174	N175			RIGID	None	None	RIGID	Typical
109	M109	N176	N177			RIGID	None	None	RIGID	Typical
110	M110	N179	N180			Mod Support ...	Column	Pipe	A53 Gr.B	Typical
111	M111	N181	N182			RIGID	None	None	RIGID	Typical
112	M112	N183	N184			RIGID	None	None	RIGID	Typical
113	M113	N185	N186			RIGID	None	None	RIGID	Typical
114	M114	N187	N188			RIGID	None	None	RIGID	Typical
115	M115	N189	N187A			RIGID	None	None	RIGID	Typical
116	M116	N191	N188A			RIGID	None	None	RIGID	Typical
117	M117	N194	N192			RIGID	None	None	RIGID	Typical
118	M118	N195	N193			RIGID	None	None	RIGID	Typical
119	M119	N199	N197			RIGID	None	None	RIGID	Typical
120	M120	N200	N198			RIGID	None	None	RIGID	Typical
121	M121	N200	N189		180	Mod Support ...	Beam	Single Angle	A36 Gr.36	Typical
122	M122	N191	N194		180	Mod Support ...	Beam	Single Angle	A36 Gr.36	Typical
123	M123	N195	N199		180	Mod Support ...	Beam	Single Angle	A36 Gr.36	Typical

Member Advanced Data

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
1	M1						Yes	Default			None
2	M4						Yes				None
3	M10						Yes	Default			None
4	M19						Yes	** NA **			None
5	M20						Yes	** NA **			None
6	M21						Yes	** NA **			None
7	M22						Yes	** NA **			None
8	MP3A						Yes	** NA **			None
9	MP4A						Yes	** NA **			None
10	MP2A						Yes	** NA **			None
11	MP1A						Yes	** NA **			None
12	M43						Yes	Default			None
13	M46						Yes	Default			None
14	M35A						Yes	** NA **			None
15	M36A						Yes	** NA **			None
16	M51B	OOOOOX	OOOOOX				Yes	Default			None
17	M52B	OOOOOX	OOOOOX				Yes	Default			None
18	M52						Yes	** NA **			None
19	M58						Yes	** NA **			None
20	M59						Yes	** NA **			None
21	M76						Yes	** NA **			None
22	M77						Yes	** NA **			None
23	M79		BenPIN				Yes	** NA **			None
24	M80						Yes				None
25	M83		BenPIN				Yes	** NA **			None
26	M84						Yes	** NA **			None
27	M85						Yes	** NA **			None
28	M88		BenPIN				Yes	** NA **			None
29	M91						Yes				None
30	M92		BenPIN				Yes	** NA **			None
31	M50						Yes	** NA **			None
32	M51						Yes	** NA **			None
33	M51A						Yes	** NA **			None
34	M34						Yes				None
35	M35						Yes	Default			None
36	M36						Yes	Default			None
37	M37						Yes	Default			None
38	M38						Yes	** NA **			None
39	M39						Yes	** NA **			None
40	M40	OOOOOX	OOOOOX				Yes	Default			None
41	M41	OOOOOX	OOOOOX				Yes	Default			None
42	M42						Yes	** NA **			None
43	M43A						Yes	** NA **			None
44	M44						Yes	** NA **			None
45	M45						Yes	** NA **			None
46	M46A						Yes	** NA **			None
47	M47		BenPIN				Yes	** NA **			None
48	M48						Yes				None
49	M49		BenPIN				Yes	** NA **			None
50	M50A						Yes	** NA **			None
51	M51C						Yes	** NA **			None
52	M52A		BenPIN				Yes	** NA **			None
53	M53						Yes				None
54	M54		BenPIN				Yes	** NA **			None
55	M55						Yes	** NA **			None
56	M56						Yes	** NA **			None
57	M57						Yes	** NA **			None
58	M58A						Yes				None

Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
59	M59A						Yes	Default			None
60	M60						Yes	Default			None
61	M61						Yes	Default			None
62	M62						Yes	** NA **			None
63	M63						Yes	** NA **			None
64	M64	OOOOOX	OOOOOX				Yes	Default			None
65	M65	OOOOOX	OOOOOX				Yes	Default			None
66	M66						Yes	** NA **			None
67	M67						Yes	** NA **			None
68	M68						Yes	** NA **			None
69	M69						Yes	** NA **			None
70	M70						Yes	** NA **			None
71	M71		BenPIN				Yes	** NA **			None
72	M72						Yes				None
73	M73		BenPIN				Yes	** NA **			None
74	M74						Yes	** NA **			None
75	M75						Yes	** NA **			None
76	M76A		BenPIN				Yes	** NA **			None
77	M77A						Yes				None
78	M78		BenPIN				Yes	** NA **			None
79	M79A						Yes	** NA **			None
80	M80A						Yes	** NA **			None
81	M81						Yes	** NA **			None
82	M82						Yes	Default			None
83	M83A						Yes	** NA **			None
84	M84A						Yes	** NA **			None
85	M85A						Yes	** NA **			None
86	M86						Yes	** NA **			None
87	MP3C						Yes	** NA **			None
88	MP4C						Yes	** NA **			None
89	MP2C						Yes	** NA **			None
90	MP1C						Yes	** NA **			None
91	M91A						Yes	Default			None
92	M92A						Yes	** NA **			None
93	M93						Yes	** NA **			None
94	M94						Yes	** NA **			None
95	M95						Yes	** NA **			None
96	MP3B						Yes	** NA **			None
97	MP4B						Yes	** NA **			None
98	MP2B						Yes	** NA **			None
99	MP1B						Yes	** NA **			None
100	M100						Yes	** NA **			None
101	M101						Yes	** NA **			None
102	M102						Yes	** NA **			None
103	M103						Yes	** NA **			None
104	M104						Yes	** NA **			None
105	M105						Yes	** NA **			None
106	M106						Yes	** NA **			None
107	M107						Yes	** NA **			None
108	M108						Yes	** NA **			None
109	M109						Yes	** NA **			None
110	M110						Yes	** NA **			None
111	M111						Yes	** NA **			None
112	M112						Yes	** NA **			None
113	M113						Yes	** NA **			None
114	M114						Yes	** NA **			None
115	M115		OOOOOO				Yes	** NA **			None
116	M116		OOOOOO				Yes	** NA **			None
117	M117		OOOOOO				Yes	** NA **			None

Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
118	M118		OOOOOO				Yes	** NA **			None
119	M119		OOOOOO				Yes	** NA **			None
120	M120		OOOOOO				Yes	** NA **			None
121	M121						Yes				None
122	M122						Yes				None
123	M123						Yes				None

Member Point Loads (BLC 1 : Antenna D)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	Y	-43.55	1.23
2	MP4A	My	-.022	1.23
3	MP4A	Mz	0	1.23
4	MP4A	Y	-43.55	3.23
5	MP4A	My	-.022	3.23
6	MP4A	Mz	0	3.23
7	MP4B	Y	-43.55	1.23
8	MP4B	My	.02	1.23
9	MP4B	Mz	-.007	1.23
10	MP4B	Y	-43.55	3.23
11	MP4B	My	.02	3.23
12	MP4B	Mz	-.007	3.23
13	MP4C	Y	-43.55	1.23
14	MP4C	My	.004	1.23
15	MP4C	Mz	.021	1.23
16	MP4C	Y	-43.55	3.23
17	MP4C	My	.004	3.23
18	MP4C	Mz	.021	3.23
19	MP1A	Y	-45.75	.48
20	MP1A	My	-.048	.48
21	MP1A	Mz	.042	.48
22	MP1A	Y	-45.75	3.98
23	MP1A	My	-.048	3.98
24	MP1A	Mz	.042	3.98
25	MP1A	Y	-45.75	.48
26	MP1A	My	-.048	.48
27	MP1A	Mz	-.042	.48
28	MP1A	Y	-45.75	3.98
29	MP1A	My	-.048	3.98
30	MP1A	Mz	-.042	3.98
31	MP1B	Y	-31.65	.48
32	MP1B	My	.023	.48
33	MP1B	Mz	-.034	.48
34	MP1B	Y	-31.65	3.98
35	MP1B	My	.023	3.98
36	MP1B	Mz	-.034	3.98
37	MP1C	Y	-31.65	.48
38	MP1C	My	.029	.48
39	MP1C	Mz	.028	.48
40	MP1C	Y	-31.65	3.98
41	MP1C	My	.029	3.98
42	MP1C	Mz	.028	3.98
43	MP1B	Y	-31.65	.48
44	MP1B	My	.039	.48
45	MP1B	Mz	.011	.48
46	MP1B	Y	-31.65	3.98
47	MP1B	My	.039	3.98
48	MP1B	Mz	.011	3.98

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
49	MP1C	Y	-31.65	.48
50	MP1C	My	-.018	.48
51	MP1C	Mz	.037	.48
52	MP1C	Y	-31.65	3.98
53	MP1C	My	-.018	3.98
54	MP1C	Mz	.037	3.98
55	MP1A	Y	-10.4	2.23
56	MP1A	My	.008	2.23
57	MP1A	Mz	0	2.23
58	MP1B	Y	-10.4	2.23
59	MP1B	My	-.007	2.23
60	MP1B	Mz	.003	2.23
61	MP1C	Y	-10.4	2.23
62	MP1C	My	-.001	2.23
63	MP1C	Mz	-.007	2.23
64	MP2A	Y	-84.4	2.23
65	MP2A	My	.065	2.23
66	MP2A	Mz	0	2.23
67	MP2B	Y	-84.4	2.23
68	MP2B	My	-.061	2.23
69	MP2B	Mz	.022	2.23
70	MP2C	Y	-84.4	2.23
71	MP2C	My	-.011	2.23
72	MP2C	Mz	-.064	2.23
73	MP3A	Y	-70.3	2.23
74	MP3A	My	.035	2.23
75	MP3A	Mz	0	2.23
76	MP3B	Y	-70.3	2.23
77	MP3B	My	-.033	2.23
78	MP3B	Mz	.012	2.23
79	MP3C	Y	-70.3	2.23
80	MP3C	My	-.006	2.23
81	MP3C	Mz	-.035	2.23
82	MP1B	Y	-17.6	6
83	MP1B	My	.006	6
84	MP1B	Mz	-.002	6
85	MP1C	Y	-17.6	6
86	MP1C	My	.001	6
87	MP1C	Mz	.006	6
88	MP1B	Y	-17.6	6
89	MP1B	My	-.006	6
90	MP1B	Mz	.002	6
91	MP1C	Y	-17.6	6
92	MP1C	My	-.001	6
93	MP1C	Mz	-.006	6

Member Point Loads (BLC 2 : Antenna Di)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	Y	-34.498	1.23
2	MP4A	My	-.017	1.23
3	MP4A	Mz	0	1.23
4	MP4A	Y	-34.498	3.23
5	MP4A	My	-.017	3.23
6	MP4A	Mz	0	3.23
7	MP4B	Y	-34.498	1.23
8	MP4B	My	.016	1.23
9	MP4B	Mz	-.006	1.23
10	MP4B	Y	-34.498	3.23

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
11	MP4B	My	.016	3.23
12	MP4B	Mz	-.006	3.23
13	MP4C	Y	-34.498	1.23
14	MP4C	My	.003	1.23
15	MP4C	Mz	.017	1.23
16	MP4C	Y	-34.498	3.23
17	MP4C	My	.003	3.23
18	MP4C	Mz	.017	3.23
19	MP1A	Y	-76.303	.48
20	MP1A	My	-.079	.48
21	MP1A	Mz	.07	.48
22	MP1A	Y	-76.303	3.98
23	MP1A	My	-.079	3.98
24	MP1A	Mz	.07	3.98
25	MP1A	Y	-76.303	.48
26	MP1A	My	-.079	.48
27	MP1A	Mz	-.07	.48
28	MP1A	Y	-76.303	3.98
29	MP1A	My	-.079	3.98
30	MP1A	Mz	-.07	3.98
31	MP1B	Y	-67.794	.48
32	MP1B	My	.049	.48
33	MP1B	Mz	-.072	.48
34	MP1B	Y	-67.794	3.98
35	MP1B	My	.049	3.98
36	MP1B	Mz	-.072	3.98
37	MP1C	Y	-67.794	.48
38	MP1C	My	.062	.48
39	MP1C	Mz	.061	.48
40	MP1C	Y	-67.794	3.98
41	MP1C	My	.062	3.98
42	MP1C	Mz	.061	3.98
43	MP1B	Y	-67.794	.48
44	MP1B	My	.084	.48
45	MP1B	Mz	.024	.48
46	MP1B	Y	-67.794	3.98
47	MP1B	My	.084	3.98
48	MP1B	Mz	.024	3.98
49	MP1C	Y	-67.794	.48
50	MP1C	My	-.038	.48
51	MP1C	Mz	.078	.48
52	MP1C	Y	-67.794	3.98
53	MP1C	My	-.038	3.98
54	MP1C	Mz	.078	3.98
55	MP1A	Y	-10.359	2.23
56	MP1A	My	.008	2.23
57	MP1A	Mz	0	2.23
58	MP1B	Y	-10.359	2.23
59	MP1B	My	-.007	2.23
60	MP1B	Mz	.003	2.23
61	MP1C	Y	-10.359	2.23
62	MP1C	My	-.001	2.23
63	MP1C	Mz	-.007	2.23
64	MP2A	Y	-43.474	2.23
65	MP2A	My	.034	2.23
66	MP2A	Mz	0	2.23
67	MP2B	Y	-43.474	2.23
68	MP2B	My	-.031	2.23
69	MP2B	Mz	.011	2.23

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
70	MP2C	Y	-43.474	2.23
71	MP2C	My	-.006	2.23
72	MP2C	Mz	-.033	2.23
73	MP3A	Y	-39.087	2.23
74	MP3A	My	.02	2.23
75	MP3A	Mz	0	2.23
76	MP3B	Y	-39.087	2.23
77	MP3B	My	-.018	2.23
78	MP3B	Mz	.007	2.23
79	MP3C	Y	-39.087	2.23
80	MP3C	My	-.003	2.23
81	MP3C	Mz	-.019	2.23
82	MP1B	Y	6.6	6
83	MP1B	My	-.002	6
84	MP1B	Mz	.000752	6
85	MP1C	Y	6.6	6
86	MP1C	My	-.000382	6
87	MP1C	Mz	-.002	6
88	MP1B	Y	6.6	6
89	MP1B	My	.002	6
90	MP1B	Mz	-.000752	6
91	MP1C	Y	6.6	6
92	MP1C	My	.000382	6
93	MP1C	Mz	.002	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	0	1.23
2	MP4A	Z	-59.829	1.23
3	MP4A	Mx	0	1.23
4	MP4A	X	0	3.23
5	MP4A	Z	-59.829	3.23
6	MP4A	Mx	0	3.23
7	MP4B	X	0	1.23
8	MP4B	Z	-55.241	1.23
9	MP4B	Mx	.009	1.23
10	MP4B	X	0	3.23
11	MP4B	Z	-55.241	3.23
12	MP4B	Mx	.009	3.23
13	MP4C	X	0	1.23
14	MP4C	Z	-21.787	1.23
15	MP4C	Mx	-.011	1.23
16	MP4C	X	0	3.23
17	MP4C	Z	-21.787	3.23
18	MP4C	Mx	-.011	3.23
19	MP1A	X	0	.48
20	MP1A	Z	-173.993	.48
21	MP1A	Mx	-.159	.48
22	MP1A	X	0	3.98
23	MP1A	Z	-173.993	3.98
24	MP1A	Mx	-.159	3.98
25	MP1A	X	0	.48
26	MP1A	Z	-173.993	.48
27	MP1A	Mx	.159	.48
28	MP1A	X	0	3.98
29	MP1A	Z	-173.993	3.98
30	MP1A	Mx	.159	3.98
31	MP1B	X	0	.48

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
32	MP1B	Z	-133.459	.48
33	MP1B	Mx	.142	.48
34	MP1B	X	0	3.98
35	MP1B	Z	-133.459	3.98
36	MP1B	Mx	.142	3.98
37	MP1C	X	0	.48
38	MP1C	Z	-92.76	.48
39	MP1C	Mx	-.083	.48
40	MP1C	X	0	3.98
41	MP1C	Z	-92.76	3.98
42	MP1C	Mx	-.083	3.98
43	MP1B	X	0	.48
44	MP1B	Z	-133.459	.48
45	MP1B	Mx	-.047	.48
46	MP1B	X	0	3.98
47	MP1B	Z	-133.459	3.98
48	MP1B	Mx	-.047	3.98
49	MP1C	X	0	.48
50	MP1C	Z	-92.76	.48
51	MP1C	Mx	-.107	.48
52	MP1C	X	0	3.98
53	MP1C	Z	-92.76	3.98
54	MP1C	Mx	-.107	3.98
55	MP1A	X	0	2.23
56	MP1A	Z	-11.294	2.23
57	MP1A	Mx	0	2.23
58	MP1B	X	0	2.23
59	MP1B	Z	-10.887	2.23
60	MP1B	Mx	-.003	2.23
61	MP1C	X	0	2.23
62	MP1C	Z	-7.919	2.23
63	MP1C	Mx	.006	2.23
64	MP2A	X	0	2.23
65	MP2A	Z	-47.314	2.23
66	MP2A	Mx	0	2.23
67	MP2B	X	0	2.23
68	MP2B	Z	-45.493	2.23
69	MP2B	Mx	-.012	2.23
70	MP2C	X	0	2.23
71	MP2C	Z	-32.215	2.23
72	MP2C	Mx	.024	2.23
73	MP3A	X	0	2.23
74	MP3A	Z	-47.314	2.23
75	MP3A	Mx	0	2.23
76	MP3B	X	0	2.23
77	MP3B	Z	-44.814	2.23
78	MP3B	Mx	-.008	2.23
79	MP3C	X	0	2.23
80	MP3C	Z	-26.591	2.23
81	MP3C	Mx	.013	2.23
82	MP1B	X	0	6
83	MP1B	Z	-26.916	6
84	MP1B	Mx	.003	6
85	MP1C	X	0	6
86	MP1C	Z	-9.504	6
87	MP1C	Mx	-.003	6
88	MP1B	X	0	6
89	MP1B	Z	-26.916	6
90	MP1B	Mx	-.003	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
91	MP1C	X	0	6
92	MP1C	Z	-9.504	6
93	MP1C	Mx	.003	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	25.011	1.23
2	MP4A	Z	-43.321	1.23
3	MP4A	Mx	-.013	1.23
4	MP4A	X	25.011	3.23
5	MP4A	Z	-43.321	3.23
6	MP4A	Mx	-.013	3.23
7	MP4B	X	18.406	1.23
8	MP4B	Z	-31.879	1.23
9	MP4B	Mx	.014	1.23
10	MP4B	X	18.406	3.23
11	MP4B	Z	-31.879	3.23
12	MP4B	Mx	.014	3.23
13	MP4C	X	18.406	1.23
14	MP4C	Z	-31.879	1.23
15	MP4C	Mx	-.014	1.23
16	MP4C	X	18.406	3.23
17	MP4C	Z	-31.879	3.23
18	MP4C	Mx	-.014	3.23
19	MP1A	X	75.327	.48
20	MP1A	Z	-130.47	.48
21	MP1A	Mx	-.198	.48
22	MP1A	X	75.327	3.98
23	MP1A	Z	-130.47	3.98
24	MP1A	Mx	-.198	3.98
25	MP1A	X	75.327	.48
26	MP1A	Z	-130.47	.48
27	MP1A	Mx	.041	.48
28	MP1A	X	75.327	3.98
29	MP1A	Z	-130.47	3.98
30	MP1A	Mx	.041	3.98
31	MP1B	X	55.519	.48
32	MP1B	Z	-96.162	.48
33	MP1B	Mx	.142	.48
34	MP1B	X	55.519	3.98
35	MP1B	Z	-96.162	3.98
36	MP1B	Mx	.142	3.98
37	MP1C	X	55.519	.48
38	MP1C	Z	-96.162	.48
39	MP1C	Mx	-.035	.48
40	MP1C	X	55.519	3.98
41	MP1C	Z	-96.162	3.98
42	MP1C	Mx	-.035	3.98
43	MP1B	X	55.519	.48
44	MP1B	Z	-96.162	.48
45	MP1B	Mx	.035	.48
46	MP1B	X	55.519	3.98
47	MP1B	Z	-96.162	3.98
48	MP1B	Mx	.035	3.98
49	MP1C	X	55.519	.48
50	MP1C	Z	-96.162	.48
51	MP1C	Mx	-.142	.48
52	MP1C	X	55.519	3.98

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
53	MP1C	Z	-96.162	3.98
54	MP1C	Mx	-.142	3.98
55	MP1A	X	5.212	2.23
56	MP1A	Z	-9.028	2.23
57	MP1A	Mx	.004	2.23
58	MP1B	X	4.626	2.23
59	MP1B	Z	-8.013	2.23
60	MP1B	Mx	-.005	2.23
61	MP1C	X	4.626	2.23
62	MP1C	Z	-8.013	2.23
63	MP1C	Mx	.005	2.23
64	MP2A	X	21.711	2.23
65	MP2A	Z	-37.604	2.23
66	MP2A	Mx	.017	2.23
67	MP2B	X	19.089	2.23
68	MP2B	Z	-33.063	2.23
69	MP2B	Mx	-.023	2.23
70	MP2C	X	19.089	2.23
71	MP2C	Z	-33.063	2.23
72	MP2C	Mx	.023	2.23
73	MP3A	X	20.986	2.23
74	MP3A	Z	-36.349	2.23
75	MP3A	Mx	.01	2.23
76	MP3B	X	17.387	2.23
77	MP3B	Z	-30.116	2.23
78	MP3B	Mx	-.013	2.23
79	MP3C	X	17.387	2.23
80	MP3C	Z	-30.116	2.23
81	MP3C	Mx	.013	2.23
82	MP1B	X	8.662	6
83	MP1B	Z	-15.003	6
84	MP1B	Mx	.004	6
85	MP1C	X	8.662	6
86	MP1C	Z	-15.003	6
87	MP1C	Mx	-.004	6
88	MP1B	X	8.662	6
89	MP1B	Z	-15.003	6
90	MP1B	Mx	-.004	6
91	MP1C	X	8.662	6
92	MP1C	Z	-15.003	6
93	MP1C	Mx	.004	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	26.336	1.23
2	MP4A	Z	-15.205	1.23
3	MP4A	Mx	-.013	1.23
4	MP4A	X	26.336	3.23
5	MP4A	Z	-15.205	3.23
6	MP4A	Mx	-.013	3.23
7	MP4B	X	18.868	1.23
8	MP4B	Z	-10.894	1.23
9	MP4B	Mx	.011	1.23
10	MP4B	X	18.868	3.23
11	MP4B	Z	-10.894	3.23
12	MP4B	Mx	.011	3.23
13	MP4C	X	47.84	1.23
14	MP4C	Z	-27.62	1.23

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
15	MP4C	Mx	-.009	1.23
16	MP4C	X	47.84	3.23
17	MP4C	Z	-27.62	3.23
18	MP4C	Mx	-.009	3.23
19	MP1A	X	90.046	.48
20	MP1A	Z	-51.988	.48
21	MP1A	Mx	-.141	.48
22	MP1A	X	90.046	3.98
23	MP1A	Z	-51.988	3.98
24	MP1A	Mx	-.141	3.98
25	MP1A	X	90.046	.48
26	MP1A	Z	-51.988	.48
27	MP1A	Mx	-.046	.48
28	MP1A	X	90.046	3.98
29	MP1A	Z	-51.988	3.98
30	MP1A	Mx	-.046	3.98
31	MP1B	X	80.332	.48
32	MP1B	Z	-46.38	.48
33	MP1B	Mx	.107	.48
34	MP1B	X	80.332	3.98
35	MP1B	Z	-46.38	3.98
36	MP1B	Mx	.107	3.98
37	MP1C	X	115.579	.48
38	MP1C	Z	-66.73	.48
39	MP1C	Mx	.047	.48
40	MP1C	X	115.579	3.98
41	MP1C	Z	-66.73	3.98
42	MP1C	Mx	.047	3.98
43	MP1B	X	80.332	.48
44	MP1B	Z	-46.38	.48
45	MP1B	Mx	.083	.48
46	MP1B	X	80.332	3.98
47	MP1B	Z	-46.38	3.98
48	MP1B	Mx	.083	3.98
49	MP1C	X	115.579	.48
50	MP1C	Z	-66.73	.48
51	MP1C	Mx	-.142	.48
52	MP1C	X	115.579	3.98
53	MP1C	Z	-66.73	3.98
54	MP1C	Mx	-.142	3.98
55	MP1A	X	7.521	2.23
56	MP1A	Z	-4.342	2.23
57	MP1A	Mx	.005	2.23
58	MP1B	X	6.858	2.23
59	MP1B	Z	-3.96	2.23
60	MP1B	Mx	-.006	2.23
61	MP1C	X	9.429	2.23
62	MP1C	Z	-5.444	2.23
63	MP1C	Mx	.003	2.23
64	MP2A	X	30.863	2.23
65	MP2A	Z	-17.819	2.23
66	MP2A	Mx	.024	2.23
67	MP2B	X	27.899	2.23
68	MP2B	Z	-16.108	2.23
69	MP2B	Mx	-.024	2.23
70	MP2C	X	39.398	2.23
71	MP2C	Z	-22.746	2.23
72	MP2C	Mx	.012	2.23
73	MP3A	X	27.096	2.23

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
74	MP3A	Z	-15.644	2.23
75	MP3A	Mx	.014	2.23
76	MP3B	X	23.028	2.23
77	MP3B	Z	-13.295	2.23
78	MP3B	Mx	-.013	2.23
79	MP3C	X	38.81	2.23
80	MP3C	Z	-22.407	2.23
81	MP3C	Mx	.008	2.23
82	MP1B	X	8.23	6
83	MP1B	Z	-4.752	6
84	MP1B	Mx	.003	6
85	MP1C	X	23.31	6
86	MP1C	Z	-13.458	6
87	MP1C	Mx	-.003	6
88	MP1B	X	8.23	6
89	MP1B	Z	-4.752	6
90	MP1B	Mx	-.003	6
91	MP1C	X	23.31	6
92	MP1C	Z	-13.458	6
93	MP1C	Mx	.003	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	20.604	1.23
2	MP4A	Z	0	1.23
3	MP4A	Mx	-.01	1.23
4	MP4A	X	20.604	3.23
5	MP4A	Z	0	3.23
6	MP4A	Mx	-.01	3.23
7	MP4B	X	25.193	1.23
8	MP4B	Z	0	1.23
9	MP4B	Mx	.012	1.23
10	MP4B	X	25.193	3.23
11	MP4B	Z	0	3.23
12	MP4B	Mx	.012	3.23
13	MP4C	X	58.646	1.23
14	MP4C	Z	0	1.23
15	MP4C	Mx	.005	1.23
16	MP4C	X	58.646	3.23
17	MP4C	Z	0	3.23
18	MP4C	Mx	.005	3.23
19	MP1A	X	80.637	.48
20	MP1A	Z	0	.48
21	MP1A	Mx	-.084	.48
22	MP1A	X	80.637	3.98
23	MP1A	Z	0	3.98
24	MP1A	Mx	-.084	3.98
25	MP1A	X	80.637	.48
26	MP1A	Z	0	.48
27	MP1A	Mx	-.084	.48
28	MP1A	X	80.637	3.98
29	MP1A	Z	0	3.98
30	MP1A	Mx	-.084	3.98
31	MP1B	X	96.903	.48
32	MP1B	Z	0	.48
33	MP1B	Mx	.07	.48
34	MP1B	X	96.903	3.98
35	MP1B	Z	0	3.98

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
36	MP1B	Mx	.07	3.98
37	MP1C	X	137.603	.48
38	MP1C	Z	0	.48
39	MP1C	Mx	.127	.48
40	MP1C	X	137.603	3.98
41	MP1C	Z	0	3.98
42	MP1C	Mx	.127	3.98
43	MP1B	X	96.903	.48
44	MP1B	Z	0	.48
45	MP1B	Mx	.12	.48
46	MP1B	X	96.903	3.98
47	MP1B	Z	0	3.98
48	MP1B	Mx	.12	3.98
49	MP1C	X	137.603	.48
50	MP1C	Z	0	.48
51	MP1C	Mx	-.077	.48
52	MP1C	X	137.603	3.98
53	MP1C	Z	0	3.98
54	MP1C	Mx	-.077	3.98
55	MP1A	X	7.814	2.23
56	MP1A	Z	0	2.23
57	MP1A	Mx	.006	2.23
58	MP1B	X	8.221	2.23
59	MP1B	Z	0	2.23
60	MP1B	Mx	-.006	2.23
61	MP1C	X	11.189	2.23
62	MP1C	Z	0	2.23
63	MP1C	Mx	-.001	2.23
64	MP2A	X	31.746	2.23
65	MP2A	Z	0	2.23
66	MP2A	Mx	.024	2.23
67	MP2B	X	33.567	2.23
68	MP2B	Z	0	2.23
69	MP2B	Mx	-.024	2.23
70	MP2C	X	46.844	2.23
71	MP2C	Z	0	2.23
72	MP2C	Mx	-.006	2.23
73	MP3A	X	25.946	2.23
74	MP3A	Z	0	2.23
75	MP3A	Mx	.013	2.23
76	MP3B	X	28.446	2.23
77	MP3B	Z	0	2.23
78	MP3B	Mx	-.013	2.23
79	MP3C	X	46.669	2.23
80	MP3C	Z	0	2.23
81	MP3C	Mx	-.004	2.23
82	MP1B	X	11.276	6
83	MP1B	Z	0	6
84	MP1B	Mx	.004	6
85	MP1C	X	28.688	6
86	MP1C	Z	0	6
87	MP1C	Mx	.002	6
88	MP1B	X	11.276	6
89	MP1B	Z	0	6
90	MP1B	Mx	-.004	6
91	MP1C	X	28.688	6
92	MP1C	Z	0	6
93	MP1C	Mx	-.002	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	26.336	1.23
2	MP4A	Z	15.205	1.23
3	MP4A	Mx	-.013	1.23
4	MP4A	X	26.336	3.23
5	MP4A	Z	15.205	3.23
6	MP4A	Mx	-.013	3.23
7	MP4B	X	37.778	1.23
8	MP4B	Z	21.811	1.23
9	MP4B	Mx	.014	1.23
10	MP4B	X	37.778	3.23
11	MP4B	Z	21.811	3.23
12	MP4B	Mx	.014	3.23
13	MP4C	X	37.778	1.23
14	MP4C	Z	21.811	1.23
15	MP4C	Mx	.014	1.23
16	MP4C	X	37.778	3.23
17	MP4C	Z	21.811	3.23
18	MP4C	Mx	.014	3.23
19	MP1A	X	90.046	.48
20	MP1A	Z	51.988	.48
21	MP1A	Mx	-.046	.48
22	MP1A	X	90.046	3.98
23	MP1A	Z	51.988	3.98
24	MP1A	Mx	-.046	3.98
25	MP1A	X	90.046	.48
26	MP1A	Z	51.988	.48
27	MP1A	Mx	-.141	.48
28	MP1A	X	90.046	3.98
29	MP1A	Z	51.988	3.98
30	MP1A	Mx	-.141	3.98
31	MP1B	X	103.338	.48
32	MP1B	Z	59.662	.48
33	MP1B	Mx	.011	.48
34	MP1B	X	103.338	3.98
35	MP1B	Z	59.662	3.98
36	MP1B	Mx	.011	3.98
37	MP1C	X	103.338	.48
38	MP1C	Z	59.662	.48
39	MP1C	Mx	.148	.48
40	MP1C	X	103.338	3.98
41	MP1C	Z	59.662	3.98
42	MP1C	Mx	.148	3.98
43	MP1B	X	103.338	.48
44	MP1B	Z	59.662	.48
45	MP1B	Mx	.148	.48
46	MP1B	X	103.338	3.98
47	MP1B	Z	59.662	3.98
48	MP1B	Mx	.148	3.98
49	MP1C	X	103.338	.48
50	MP1C	Z	59.662	.48
51	MP1C	Mx	.011	.48
52	MP1C	X	103.338	3.98
53	MP1C	Z	59.662	3.98
54	MP1C	Mx	.011	3.98
55	MP1A	X	7.521	2.23
56	MP1A	Z	4.342	2.23
57	MP1A	Mx	.005	2.23
58	MP1B	X	8.536	2.23
59	MP1B	Z	4.928	2.23

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
60	MP1B	Mx	-.005	2.23
61	MP1C	X	8.536	2.23
62	MP1C	Z	4.928	2.23
63	MP1C	Mx	-.005	2.23
64	MP2A	X	30.863	2.23
65	MP2A	Z	17.819	2.23
66	MP2A	Mx	.024	2.23
67	MP2B	X	35.404	2.23
68	MP2B	Z	20.441	2.23
69	MP2B	Mx	-.02	2.23
70	MP2C	X	35.404	2.23
71	MP2C	Z	20.441	2.23
72	MP2C	Mx	-.02	2.23
73	MP3A	X	27.096	2.23
74	MP3A	Z	15.644	2.23
75	MP3A	Mx	.014	2.23
76	MP3B	X	33.329	2.23
77	MP3B	Z	19.243	2.23
78	MP3B	Mx	-.012	2.23
79	MP3C	X	33.329	2.23
80	MP3C	Z	19.243	2.23
81	MP3C	Mx	-.012	2.23
82	MP1B	X	18.073	6
83	MP1B	Z	10.434	6
84	MP1B	Mx	.004	6
85	MP1C	X	18.073	6
86	MP1C	Z	10.434	6
87	MP1C	Mx	.004	6
88	MP1B	X	18.073	6
89	MP1B	Z	10.434	6
90	MP1B	Mx	-.004	6
91	MP1C	X	18.073	6
92	MP1C	Z	10.434	6
93	MP1C	Mx	-.004	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	25.011	1.23
2	MP4A	Z	43.321	1.23
3	MP4A	Mx	-.013	1.23
4	MP4A	X	25.011	3.23
5	MP4A	Z	43.321	3.23
6	MP4A	Mx	-.013	3.23
7	MP4B	X	29.323	1.23
8	MP4B	Z	50.789	1.23
9	MP4B	Mx	.005	1.23
10	MP4B	X	29.323	3.23
11	MP4B	Z	50.789	3.23
12	MP4B	Mx	.005	3.23
13	MP4C	X	12.596	1.23
14	MP4C	Z	21.818	1.23
15	MP4C	Mx	.012	1.23
16	MP4C	X	12.596	3.23
17	MP4C	Z	21.818	3.23
18	MP4C	Mx	.012	3.23
19	MP1A	X	75.327	.48
20	MP1A	Z	130.47	.48
21	MP1A	Mx	.041	.48

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
22	MP1A	X	75.327	3.98
23	MP1A	Z	130.47	3.98
24	MP1A	Mx	.041	3.98
25	MP1A	X	75.327	.48
26	MP1A	Z	130.47	.48
27	MP1A	Mx	-.198	.48
28	MP1A	X	75.327	3.98
29	MP1A	Z	130.47	3.98
30	MP1A	Mx	-.198	3.98
31	MP1B	X	68.801	.48
32	MP1B	Z	119.167	.48
33	MP1B	Mx	-.077	.48
34	MP1B	X	68.801	3.98
35	MP1B	Z	119.167	3.98
36	MP1B	Mx	-.077	3.98
37	MP1C	X	48.452	.48
38	MP1C	Z	83.92	.48
39	MP1C	Mx	.12	.48
40	MP1C	X	48.452	3.98
41	MP1C	Z	83.92	3.98
42	MP1C	Mx	.12	3.98
43	MP1B	X	68.801	.48
44	MP1B	Z	119.167	.48
45	MP1B	Mx	.127	.48
46	MP1B	X	68.801	3.98
47	MP1B	Z	119.167	3.98
48	MP1B	Mx	.127	3.98
49	MP1C	X	48.452	.48
50	MP1C	Z	83.92	.48
51	MP1C	Mx	.07	.48
52	MP1C	X	48.452	3.98
53	MP1C	Z	83.92	3.98
54	MP1C	Mx	.07	3.98
55	MP1A	X	5.212	2.23
56	MP1A	Z	9.028	2.23
57	MP1A	Mx	.004	2.23
58	MP1B	X	5.595	2.23
59	MP1B	Z	9.69	2.23
60	MP1B	Mx	-.001	2.23
61	MP1C	X	4.111	2.23
62	MP1C	Z	7.12	2.23
63	MP1C	Mx	-.006	2.23
64	MP2A	X	21.711	2.23
65	MP2A	Z	37.604	2.23
66	MP2A	Mx	.017	2.23
67	MP2B	X	23.422	2.23
68	MP2B	Z	40.568	2.23
69	MP2B	Mx	-.006	2.23
70	MP2C	X	16.784	2.23
71	MP2C	Z	29.07	2.23
72	MP2C	Mx	-.024	2.23
73	MP3A	X	20.986	2.23
74	MP3A	Z	36.349	2.23
75	MP3A	Mx	.01	2.23
76	MP3B	X	23.335	2.23
77	MP3B	Z	40.417	2.23
78	MP3B	Mx	-.004	2.23
79	MP3C	X	14.223	2.23
80	MP3C	Z	24.635	2.23

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
81	MP3C	Mx	-.013	2.23
82	MP1B	X	14.344	6
83	MP1B	Z	24.845	6
84	MP1B	Mx	.002	6
85	MP1C	X	5.638	6
86	MP1C	Z	9.766	6
87	MP1C	Mx	.004	6
88	MP1B	X	14.344	6
89	MP1B	Z	24.845	6
90	MP1B	Mx	-.002	6
91	MP1C	X	5.638	6
92	MP1C	Z	9.766	6
93	MP1C	Mx	-.004	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	0	1.23
2	MP4A	Z	59.829	1.23
3	MP4A	Mx	0	1.23
4	MP4A	X	0	3.23
5	MP4A	Z	59.829	3.23
6	MP4A	Mx	0	3.23
7	MP4B	X	0	1.23
8	MP4B	Z	55.241	1.23
9	MP4B	Mx	-.009	1.23
10	MP4B	X	0	3.23
11	MP4B	Z	55.241	3.23
12	MP4B	Mx	-.009	3.23
13	MP4C	X	0	1.23
14	MP4C	Z	21.787	1.23
15	MP4C	Mx	.011	1.23
16	MP4C	X	0	3.23
17	MP4C	Z	21.787	3.23
18	MP4C	Mx	.011	3.23
19	MP1A	X	0	.48
20	MP1A	Z	173.993	.48
21	MP1A	Mx	.159	.48
22	MP1A	X	0	3.98
23	MP1A	Z	173.993	3.98
24	MP1A	Mx	.159	3.98
25	MP1A	X	0	.48
26	MP1A	Z	173.993	.48
27	MP1A	Mx	-.159	.48
28	MP1A	X	0	3.98
29	MP1A	Z	173.993	3.98
30	MP1A	Mx	-.159	3.98
31	MP1B	X	0	.48
32	MP1B	Z	133.459	.48
33	MP1B	Mx	-.142	.48
34	MP1B	X	0	3.98
35	MP1B	Z	133.459	3.98
36	MP1B	Mx	-.142	3.98
37	MP1C	X	0	.48
38	MP1C	Z	92.76	.48
39	MP1C	Mx	.083	.48
40	MP1C	X	0	3.98
41	MP1C	Z	92.76	3.98
42	MP1C	Mx	.083	3.98

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
43	MP1B	X	0	.48
44	MP1B	Z	133.459	.48
45	MP1B	Mx	.047	.48
46	MP1B	X	0	3.98
47	MP1B	Z	133.459	3.98
48	MP1B	Mx	.047	3.98
49	MP1C	X	0	.48
50	MP1C	Z	92.76	.48
51	MP1C	Mx	.107	.48
52	MP1C	X	0	3.98
53	MP1C	Z	92.76	3.98
54	MP1C	Mx	.107	3.98
55	MP1A	X	0	2.23
56	MP1A	Z	11.294	2.23
57	MP1A	Mx	0	2.23
58	MP1B	X	0	2.23
59	MP1B	Z	10.887	2.23
60	MP1B	Mx	.003	2.23
61	MP1C	X	0	2.23
62	MP1C	Z	7.919	2.23
63	MP1C	Mx	-.006	2.23
64	MP2A	X	0	2.23
65	MP2A	Z	47.314	2.23
66	MP2A	Mx	0	2.23
67	MP2B	X	0	2.23
68	MP2B	Z	45.493	2.23
69	MP2B	Mx	.012	2.23
70	MP2C	X	0	2.23
71	MP2C	Z	32.215	2.23
72	MP2C	Mx	-.024	2.23
73	MP3A	X	0	2.23
74	MP3A	Z	47.314	2.23
75	MP3A	Mx	0	2.23
76	MP3B	X	0	2.23
77	MP3B	Z	44.814	2.23
78	MP3B	Mx	.008	2.23
79	MP3C	X	0	2.23
80	MP3C	Z	26.591	2.23
81	MP3C	Mx	-.013	2.23
82	MP1B	X	0	6
83	MP1B	Z	26.916	6
84	MP1B	Mx	-.003	6
85	MP1C	X	0	6
86	MP1C	Z	9.504	6
87	MP1C	Mx	.003	6
88	MP1B	X	0	6
89	MP1B	Z	26.916	6
90	MP1B	Mx	.003	6
91	MP1C	X	0	6
92	MP1C	Z	9.504	6
93	MP1C	Mx	-.003	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	-25.011	1.23
2	MP4A	Z	43.321	1.23
3	MP4A	Mx	.013	1.23
4	MP4A	X	-25.011	3.23

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
5	MP4A	Z	43.321	3.23
6	MP4A	Mx	.013	3.23
7	MP4B	X	-18.406	1.23
8	MP4B	Z	31.879	1.23
9	MP4B	Mx	-.014	1.23
10	MP4B	X	-18.406	3.23
11	MP4B	Z	31.879	3.23
12	MP4B	Mx	-.014	3.23
13	MP4C	X	-18.406	1.23
14	MP4C	Z	31.879	1.23
15	MP4C	Mx	.014	1.23
16	MP4C	X	-18.406	3.23
17	MP4C	Z	31.879	3.23
18	MP4C	Mx	.014	3.23
19	MP1A	X	-75.327	.48
20	MP1A	Z	130.47	.48
21	MP1A	Mx	.198	.48
22	MP1A	X	-75.327	3.98
23	MP1A	Z	130.47	3.98
24	MP1A	Mx	.198	3.98
25	MP1A	X	-75.327	.48
26	MP1A	Z	130.47	.48
27	MP1A	Mx	-.041	.48
28	MP1A	X	-75.327	3.98
29	MP1A	Z	130.47	3.98
30	MP1A	Mx	-.041	3.98
31	MP1B	X	-55.519	.48
32	MP1B	Z	96.162	.48
33	MP1B	Mx	-.142	.48
34	MP1B	X	-55.519	3.98
35	MP1B	Z	96.162	3.98
36	MP1B	Mx	-.142	3.98
37	MP1C	X	-55.519	.48
38	MP1C	Z	96.162	.48
39	MP1C	Mx	.035	.48
40	MP1C	X	-55.519	3.98
41	MP1C	Z	96.162	3.98
42	MP1C	Mx	.035	3.98
43	MP1B	X	-55.519	.48
44	MP1B	Z	96.162	.48
45	MP1B	Mx	-.035	.48
46	MP1B	X	-55.519	3.98
47	MP1B	Z	96.162	3.98
48	MP1B	Mx	-.035	3.98
49	MP1C	X	-55.519	.48
50	MP1C	Z	96.162	.48
51	MP1C	Mx	.142	.48
52	MP1C	X	-55.519	3.98
53	MP1C	Z	96.162	3.98
54	MP1C	Mx	.142	3.98
55	MP1A	X	-5.212	2.23
56	MP1A	Z	9.028	2.23
57	MP1A	Mx	-.004	2.23
58	MP1B	X	-4.626	2.23
59	MP1B	Z	8.013	2.23
60	MP1B	Mx	.005	2.23
61	MP1C	X	-4.626	2.23
62	MP1C	Z	8.013	2.23
63	MP1C	Mx	-.005	2.23

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
64	MP2A	X	-21.711	2.23
65	MP2A	Z	37.604	2.23
66	MP2A	Mx	-.017	2.23
67	MP2B	X	-19.089	2.23
68	MP2B	Z	33.063	2.23
69	MP2B	Mx	.023	2.23
70	MP2C	X	-19.089	2.23
71	MP2C	Z	33.063	2.23
72	MP2C	Mx	-.023	2.23
73	MP3A	X	-20.986	2.23
74	MP3A	Z	36.349	2.23
75	MP3A	Mx	-.01	2.23
76	MP3B	X	-17.387	2.23
77	MP3B	Z	30.116	2.23
78	MP3B	Mx	.013	2.23
79	MP3C	X	-17.387	2.23
80	MP3C	Z	30.116	2.23
81	MP3C	Mx	-.013	2.23
82	MP1B	X	-8.662	6
83	MP1B	Z	15.003	6
84	MP1B	Mx	-.004	6
85	MP1C	X	-8.662	6
86	MP1C	Z	15.003	6
87	MP1C	Mx	.004	6
88	MP1B	X	-8.662	6
89	MP1B	Z	15.003	6
90	MP1B	Mx	.004	6
91	MP1C	X	-8.662	6
92	MP1C	Z	15.003	6
93	MP1C	Mx	-.004	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	-26.336	1.23
2	MP4A	Z	15.205	1.23
3	MP4A	Mx	.013	1.23
4	MP4A	X	-26.336	3.23
5	MP4A	Z	15.205	3.23
6	MP4A	Mx	.013	3.23
7	MP4B	X	-18.868	1.23
8	MP4B	Z	10.894	1.23
9	MP4B	Mx	-.011	1.23
10	MP4B	X	-18.868	3.23
11	MP4B	Z	10.894	3.23
12	MP4B	Mx	-.011	3.23
13	MP4C	X	-47.84	1.23
14	MP4C	Z	27.62	1.23
15	MP4C	Mx	.009	1.23
16	MP4C	X	-47.84	3.23
17	MP4C	Z	27.62	3.23
18	MP4C	Mx	.009	3.23
19	MP1A	X	-90.046	.48
20	MP1A	Z	51.988	.48
21	MP1A	Mx	.141	.48
22	MP1A	X	-90.046	3.98
23	MP1A	Z	51.988	3.98
24	MP1A	Mx	.141	3.98
25	MP1A	X	-90.046	.48

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
26	MP1A	Z	51.988	.48
27	MP1A	Mx	.046	.48
28	MP1A	X	-90.046	3.98
29	MP1A	Z	51.988	3.98
30	MP1A	Mx	.046	3.98
31	MP1B	X	-80.332	.48
32	MP1B	Z	46.38	.48
33	MP1B	Mx	-.107	.48
34	MP1B	X	-80.332	3.98
35	MP1B	Z	46.38	3.98
36	MP1B	Mx	-.107	3.98
37	MP1C	X	-115.579	.48
38	MP1C	Z	66.73	.48
39	MP1C	Mx	-.047	.48
40	MP1C	X	-115.579	3.98
41	MP1C	Z	66.73	3.98
42	MP1C	Mx	-.047	3.98
43	MP1B	X	-80.332	.48
44	MP1B	Z	46.38	.48
45	MP1B	Mx	-.083	.48
46	MP1B	X	-80.332	3.98
47	MP1B	Z	46.38	3.98
48	MP1B	Mx	-.083	3.98
49	MP1C	X	-115.579	.48
50	MP1C	Z	66.73	.48
51	MP1C	Mx	.142	.48
52	MP1C	X	-115.579	3.98
53	MP1C	Z	66.73	3.98
54	MP1C	Mx	.142	3.98
55	MP1A	X	-7.521	2.23
56	MP1A	Z	4.342	2.23
57	MP1A	Mx	-.005	2.23
58	MP1B	X	-6.858	2.23
59	MP1B	Z	3.96	2.23
60	MP1B	Mx	.006	2.23
61	MP1C	X	-9.429	2.23
62	MP1C	Z	5.444	2.23
63	MP1C	Mx	-.003	2.23
64	MP2A	X	-30.863	2.23
65	MP2A	Z	17.819	2.23
66	MP2A	Mx	-.024	2.23
67	MP2B	X	-27.899	2.23
68	MP2B	Z	16.108	2.23
69	MP2B	Mx	.024	2.23
70	MP2C	X	-39.398	2.23
71	MP2C	Z	22.746	2.23
72	MP2C	Mx	-.012	2.23
73	MP3A	X	-27.096	2.23
74	MP3A	Z	15.644	2.23
75	MP3A	Mx	-.014	2.23
76	MP3B	X	-23.028	2.23
77	MP3B	Z	13.295	2.23
78	MP3B	Mx	.013	2.23
79	MP3C	X	-38.81	2.23
80	MP3C	Z	22.407	2.23
81	MP3C	Mx	-.008	2.23
82	MP1B	X	-8.23	6
83	MP1B	Z	4.752	6
84	MP1B	Mx	-.003	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
85	MP1C	X	-23.31	6
86	MP1C	Z	13.458	6
87	MP1C	Mx	.003	6
88	MP1B	X	-8.23	6
89	MP1B	Z	4.752	6
90	MP1B	Mx	.003	6
91	MP1C	X	-23.31	6
92	MP1C	Z	13.458	6
93	MP1C	Mx	-.003	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	-20.604	1.23
2	MP4A	Z	0	1.23
3	MP4A	Mx	.01	1.23
4	MP4A	X	-20.604	3.23
5	MP4A	Z	0	3.23
6	MP4A	Mx	.01	3.23
7	MP4B	X	-25.193	1.23
8	MP4B	Z	0	1.23
9	MP4B	Mx	-.012	1.23
10	MP4B	X	-25.193	3.23
11	MP4B	Z	0	3.23
12	MP4B	Mx	-.012	3.23
13	MP4C	X	-58.646	1.23
14	MP4C	Z	0	1.23
15	MP4C	Mx	-.005	1.23
16	MP4C	X	-58.646	3.23
17	MP4C	Z	0	3.23
18	MP4C	Mx	-.005	3.23
19	MP1A	X	-80.637	.48
20	MP1A	Z	0	.48
21	MP1A	Mx	.084	.48
22	MP1A	X	-80.637	3.98
23	MP1A	Z	0	3.98
24	MP1A	Mx	.084	3.98
25	MP1A	X	-80.637	.48
26	MP1A	Z	0	.48
27	MP1A	Mx	.084	.48
28	MP1A	X	-80.637	3.98
29	MP1A	Z	0	3.98
30	MP1A	Mx	.084	3.98
31	MP1B	X	-96.903	.48
32	MP1B	Z	0	.48
33	MP1B	Mx	-.07	.48
34	MP1B	X	-96.903	3.98
35	MP1B	Z	0	3.98
36	MP1B	Mx	-.07	3.98
37	MP1C	X	-137.603	.48
38	MP1C	Z	0	.48
39	MP1C	Mx	-.127	.48
40	MP1C	X	-137.603	3.98
41	MP1C	Z	0	3.98
42	MP1C	Mx	-.127	3.98
43	MP1B	X	-96.903	.48
44	MP1B	Z	0	.48
45	MP1B	Mx	-.12	.48
46	MP1B	X	-96.903	3.98

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
47	MP1B	Z	0	3.98
48	MP1B	Mx	-.12	3.98
49	MP1C	X	-137.603	.48
50	MP1C	Z	0	.48
51	MP1C	Mx	.077	.48
52	MP1C	X	-137.603	3.98
53	MP1C	Z	0	3.98
54	MP1C	Mx	.077	3.98
55	MP1A	X	-7.814	2.23
56	MP1A	Z	0	2.23
57	MP1A	Mx	-.006	2.23
58	MP1B	X	-8.221	2.23
59	MP1B	Z	0	2.23
60	MP1B	Mx	.006	2.23
61	MP1C	X	-11.189	2.23
62	MP1C	Z	0	2.23
63	MP1C	Mx	.001	2.23
64	MP2A	X	-31.746	2.23
65	MP2A	Z	0	2.23
66	MP2A	Mx	-.024	2.23
67	MP2B	X	-33.567	2.23
68	MP2B	Z	0	2.23
69	MP2B	Mx	.024	2.23
70	MP2C	X	-46.844	2.23
71	MP2C	Z	0	2.23
72	MP2C	Mx	.006	2.23
73	MP3A	X	-25.946	2.23
74	MP3A	Z	0	2.23
75	MP3A	Mx	-.013	2.23
76	MP3B	X	-28.446	2.23
77	MP3B	Z	0	2.23
78	MP3B	Mx	.013	2.23
79	MP3C	X	-46.669	2.23
80	MP3C	Z	0	2.23
81	MP3C	Mx	.004	2.23
82	MP1B	X	-11.276	6
83	MP1B	Z	0	6
84	MP1B	Mx	-.004	6
85	MP1C	X	-28.688	6
86	MP1C	Z	0	6
87	MP1C	Mx	-.002	6
88	MP1B	X	-11.276	6
89	MP1B	Z	0	6
90	MP1B	Mx	.004	6
91	MP1C	X	-28.688	6
92	MP1C	Z	0	6
93	MP1C	Mx	.002	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	-26.336	1.23
2	MP4A	Z	-15.205	1.23
3	MP4A	Mx	.013	1.23
4	MP4A	X	-26.336	3.23
5	MP4A	Z	-15.205	3.23
6	MP4A	Mx	.013	3.23
7	MP4B	X	-37.778	1.23
8	MP4B	Z	-21.811	1.23

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
9	MP4B	Mx	-.014	1.23
10	MP4B	X	-37.778	3.23
11	MP4B	Z	-21.811	3.23
12	MP4B	Mx	-.014	3.23
13	MP4C	X	-37.778	1.23
14	MP4C	Z	-21.811	1.23
15	MP4C	Mx	-.014	1.23
16	MP4C	X	-37.778	3.23
17	MP4C	Z	-21.811	3.23
18	MP4C	Mx	-.014	3.23
19	MP1A	X	-90.046	.48
20	MP1A	Z	-51.988	.48
21	MP1A	Mx	.046	.48
22	MP1A	X	-90.046	3.98
23	MP1A	Z	-51.988	3.98
24	MP1A	Mx	.046	3.98
25	MP1A	X	-90.046	.48
26	MP1A	Z	-51.988	.48
27	MP1A	Mx	.141	.48
28	MP1A	X	-90.046	3.98
29	MP1A	Z	-51.988	3.98
30	MP1A	Mx	.141	3.98
31	MP1B	X	-103.338	.48
32	MP1B	Z	-59.662	.48
33	MP1B	Mx	-.011	.48
34	MP1B	X	-103.338	3.98
35	MP1B	Z	-59.662	3.98
36	MP1B	Mx	-.011	3.98
37	MP1C	X	-103.338	.48
38	MP1C	Z	-59.662	.48
39	MP1C	Mx	-.148	.48
40	MP1C	X	-103.338	3.98
41	MP1C	Z	-59.662	3.98
42	MP1C	Mx	-.148	3.98
43	MP1B	X	-103.338	.48
44	MP1B	Z	-59.662	.48
45	MP1B	Mx	-.148	.48
46	MP1B	X	-103.338	3.98
47	MP1B	Z	-59.662	3.98
48	MP1B	Mx	-.148	3.98
49	MP1C	X	-103.338	.48
50	MP1C	Z	-59.662	.48
51	MP1C	Mx	-.011	.48
52	MP1C	X	-103.338	3.98
53	MP1C	Z	-59.662	3.98
54	MP1C	Mx	-.011	3.98
55	MP1A	X	-7.521	2.23
56	MP1A	Z	-4.342	2.23
57	MP1A	Mx	-.005	2.23
58	MP1B	X	-8.536	2.23
59	MP1B	Z	-4.928	2.23
60	MP1B	Mx	.005	2.23
61	MP1C	X	-8.536	2.23
62	MP1C	Z	-4.928	2.23
63	MP1C	Mx	.005	2.23
64	MP2A	X	-30.863	2.23
65	MP2A	Z	-17.819	2.23
66	MP2A	Mx	-.024	2.23
67	MP2B	X	-35.404	2.23

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
68	MP2B	Z	-20.441	2.23
69	MP2B	Mx	.02	2.23
70	MP2C	X	-35.404	2.23
71	MP2C	Z	-20.441	2.23
72	MP2C	Mx	.02	2.23
73	MP3A	X	-27.096	2.23
74	MP3A	Z	-15.644	2.23
75	MP3A	Mx	-.014	2.23
76	MP3B	X	-33.329	2.23
77	MP3B	Z	-19.243	2.23
78	MP3B	Mx	.012	2.23
79	MP3C	X	-33.329	2.23
80	MP3C	Z	-19.243	2.23
81	MP3C	Mx	.012	2.23
82	MP1B	X	-18.073	6
83	MP1B	Z	-10.434	6
84	MP1B	Mx	-.004	6
85	MP1C	X	-18.073	6
86	MP1C	Z	-10.434	6
87	MP1C	Mx	-.004	6
88	MP1B	X	-18.073	6
89	MP1B	Z	-10.434	6
90	MP1B	Mx	.004	6
91	MP1C	X	-18.073	6
92	MP1C	Z	-10.434	6
93	MP1C	Mx	.004	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	-25.011	1.23
2	MP4A	Z	-43.321	1.23
3	MP4A	Mx	.013	1.23
4	MP4A	X	-25.011	3.23
5	MP4A	Z	-43.321	3.23
6	MP4A	Mx	.013	3.23
7	MP4B	X	-29.323	1.23
8	MP4B	Z	-50.789	1.23
9	MP4B	Mx	-.005	1.23
10	MP4B	X	-29.323	3.23
11	MP4B	Z	-50.789	3.23
12	MP4B	Mx	-.005	3.23
13	MP4C	X	-12.596	1.23
14	MP4C	Z	-21.818	1.23
15	MP4C	Mx	-.012	1.23
16	MP4C	X	-12.596	3.23
17	MP4C	Z	-21.818	3.23
18	MP4C	Mx	-.012	3.23
19	MP1A	X	-75.327	.48
20	MP1A	Z	-130.47	.48
21	MP1A	Mx	-.041	.48
22	MP1A	X	-75.327	3.98
23	MP1A	Z	-130.47	3.98
24	MP1A	Mx	-.041	3.98
25	MP1A	X	-75.327	.48
26	MP1A	Z	-130.47	.48
27	MP1A	Mx	.198	.48
28	MP1A	X	-75.327	3.98
29	MP1A	Z	-130.47	3.98

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
30	MP1A	Mx	.198	3.98
31	MP1B	X	-68.801	.48
32	MP1B	Z	-119.167	.48
33	MP1B	Mx	.077	.48
34	MP1B	X	-68.801	3.98
35	MP1B	Z	-119.167	3.98
36	MP1B	Mx	.077	3.98
37	MP1C	X	-48.452	.48
38	MP1C	Z	-83.92	.48
39	MP1C	Mx	-.12	.48
40	MP1C	X	-48.452	3.98
41	MP1C	Z	-83.92	3.98
42	MP1C	Mx	-.12	3.98
43	MP1B	X	-68.801	.48
44	MP1B	Z	-119.167	.48
45	MP1B	Mx	-.127	.48
46	MP1B	X	-68.801	3.98
47	MP1B	Z	-119.167	3.98
48	MP1B	Mx	-.127	3.98
49	MP1C	X	-48.452	.48
50	MP1C	Z	-83.92	.48
51	MP1C	Mx	-.07	.48
52	MP1C	X	-48.452	3.98
53	MP1C	Z	-83.92	3.98
54	MP1C	Mx	-.07	3.98
55	MP1A	X	-5.212	2.23
56	MP1A	Z	-9.028	2.23
57	MP1A	Mx	-.004	2.23
58	MP1B	X	-5.595	2.23
59	MP1B	Z	-9.69	2.23
60	MP1B	Mx	.001	2.23
61	MP1C	X	-4.111	2.23
62	MP1C	Z	-7.12	2.23
63	MP1C	Mx	.006	2.23
64	MP2A	X	-21.711	2.23
65	MP2A	Z	-37.604	2.23
66	MP2A	Mx	-.017	2.23
67	MP2B	X	-23.422	2.23
68	MP2B	Z	-40.568	2.23
69	MP2B	Mx	.006	2.23
70	MP2C	X	-16.784	2.23
71	MP2C	Z	-29.07	2.23
72	MP2C	Mx	.024	2.23
73	MP3A	X	-20.986	2.23
74	MP3A	Z	-36.349	2.23
75	MP3A	Mx	-.01	2.23
76	MP3B	X	-23.335	2.23
77	MP3B	Z	-40.417	2.23
78	MP3B	Mx	.004	2.23
79	MP3C	X	-14.223	2.23
80	MP3C	Z	-24.635	2.23
81	MP3C	Mx	.013	2.23
82	MP1B	X	-14.344	6
83	MP1B	Z	-24.845	6
84	MP1B	Mx	-.002	6
85	MP1C	X	-5.638	6
86	MP1C	Z	-9.766	6
87	MP1C	Mx	-.004	6
88	MP1B	X	-14.344	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
89	MP1B	Z	-24.845	6
90	MP1B	Mx	.002	6
91	MP1C	X	-5.638	6
92	MP1C	Z	-9.766	6
93	MP1C	Mx	.004	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	0	1.23
2	MP4A	Z	-14.022	1.23
3	MP4A	Mx	0	1.23
4	MP4A	X	0	3.23
5	MP4A	Z	-14.022	3.23
6	MP4A	Mx	0	3.23
7	MP4B	X	0	1.23
8	MP4B	Z	-13.079	1.23
9	MP4B	Mx	.002	1.23
10	MP4B	X	0	3.23
11	MP4B	Z	-13.079	3.23
12	MP4B	Mx	.002	3.23
13	MP4C	X	0	1.23
14	MP4C	Z	-6.202	1.23
15	MP4C	Mx	-.003	1.23
16	MP4C	X	0	3.23
17	MP4C	Z	-6.202	3.23
18	MP4C	Mx	-.003	3.23
19	MP1A	X	0	.48
20	MP1A	Z	-32.618	.48
21	MP1A	Mx	-.03	.48
22	MP1A	X	0	3.98
23	MP1A	Z	-32.618	3.98
24	MP1A	Mx	-.03	3.98
25	MP1A	X	0	.48
26	MP1A	Z	-32.618	.48
27	MP1A	Mx	.03	.48
28	MP1A	X	0	3.98
29	MP1A	Z	-32.618	3.98
30	MP1A	Mx	.03	3.98
31	MP1B	X	0	.48
32	MP1B	Z	-25.401	.48
33	MP1B	Mx	.027	.48
34	MP1B	X	0	3.98
35	MP1B	Z	-25.401	3.98
36	MP1B	Mx	.027	3.98
37	MP1C	X	0	.48
38	MP1C	Z	-18.233	.48
39	MP1C	Mx	-.016	.48
40	MP1C	X	0	3.98
41	MP1C	Z	-18.233	3.98
42	MP1C	Mx	-.016	3.98
43	MP1B	X	0	.48
44	MP1B	Z	-25.401	.48
45	MP1B	Mx	-.009	.48
46	MP1B	X	0	3.98
47	MP1B	Z	-25.401	3.98
48	MP1B	Mx	-.009	3.98
49	MP1C	X	0	.48
50	MP1C	Z	-18.233	.48

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
51	MP1C	Mx	-.021	.48
52	MP1C	X	0	3.98
53	MP1C	Z	-18.233	3.98
54	MP1C	Mx	-.021	3.98
55	MP1A	X	0	2.23
56	MP1A	Z	-2.848	2.23
57	MP1A	Mx	0	2.23
58	MP1B	X	0	2.23
59	MP1B	Z	-2.765	2.23
60	MP1B	Mx	-.00069	2.23
61	MP1C	X	0	2.23
62	MP1C	Z	-2.155	2.23
63	MP1C	Mx	.002	2.23
64	MP2A	X	0	2.23
65	MP2A	Z	-11.8	2.23
66	MP2A	Mx	0	2.23
67	MP2B	X	0	2.23
68	MP2B	Z	-11.378	2.23
69	MP2B	Mx	-.003	2.23
70	MP2C	X	0	2.23
71	MP2C	Z	-8.307	2.23
72	MP2C	Mx	.006	2.23
73	MP3A	X	0	2.23
74	MP3A	Z	-11.8	2.23
75	MP3A	Mx	0	2.23
76	MP3B	X	0	2.23
77	MP3B	Z	-11.218	2.23
78	MP3B	Mx	-.002	2.23
79	MP3C	X	0	2.23
80	MP3C	Z	-6.98	2.23
81	MP3C	Mx	.003	2.23
82	MP1B	X	0	6
83	MP1B	Z	-6.001	6
84	MP1B	Mx	.000684	6
85	MP1C	X	0	6
86	MP1C	Z	-2.547	6
87	MP1C	Mx	-.000836	6
88	MP1B	X	0	6
89	MP1B	Z	-6.001	6
90	MP1B	Mx	-.000684	6
91	MP1C	X	0	6
92	MP1C	Z	-2.547	6
93	MP1C	Mx	.000836	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	6.003	1.23
2	MP4A	Z	-10.398	1.23
3	MP4A	Mx	-.003	1.23
4	MP4A	X	6.003	3.23
5	MP4A	Z	-10.398	3.23
6	MP4A	Mx	-.003	3.23
7	MP4B	X	4.645	1.23
8	MP4B	Z	-8.046	1.23
9	MP4B	Mx	.004	1.23
10	MP4B	X	4.645	3.23
11	MP4B	Z	-8.046	3.23
12	MP4B	Mx	.004	3.23

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
13	MP4C	X	4.645	1.23
14	MP4C	Z	-8.046	1.23
15	MP4C	Mx	-.004	1.23
16	MP4C	X	4.645	3.23
17	MP4C	Z	-8.046	3.23
18	MP4C	Mx	-.004	3.23
19	MP1A	X	14.24	.48
20	MP1A	Z	-24.664	.48
21	MP1A	Mx	-.037	.48
22	MP1A	X	14.24	3.98
23	MP1A	Z	-24.664	3.98
24	MP1A	Mx	-.037	3.98
25	MP1A	X	14.24	.48
26	MP1A	Z	-24.664	.48
27	MP1A	Mx	.008	.48
28	MP1A	X	14.24	3.98
29	MP1A	Z	-24.664	3.98
30	MP1A	Mx	.008	3.98
31	MP1B	X	10.726	.48
32	MP1B	Z	-18.578	.48
33	MP1B	Mx	.027	.48
34	MP1B	X	10.726	3.98
35	MP1B	Z	-18.578	3.98
36	MP1B	Mx	.027	3.98
37	MP1C	X	10.726	.48
38	MP1C	Z	-18.578	.48
39	MP1C	Mx	-.007	.48
40	MP1C	X	10.726	3.98
41	MP1C	Z	-18.578	3.98
42	MP1C	Mx	-.007	3.98
43	MP1B	X	10.726	.48
44	MP1B	Z	-18.578	.48
45	MP1B	Mx	.007	.48
46	MP1B	X	10.726	3.98
47	MP1B	Z	-18.578	3.98
48	MP1B	Mx	.007	3.98
49	MP1C	X	10.726	.48
50	MP1C	Z	-18.578	.48
51	MP1C	Mx	-.027	.48
52	MP1C	X	10.726	3.98
53	MP1C	Z	-18.578	3.98
54	MP1C	Mx	-.027	3.98
55	MP1A	X	1.335	2.23
56	MP1A	Z	-2.312	2.23
57	MP1A	Mx	.000973	2.23
58	MP1B	X	1.214	2.23
59	MP1B	Z	-2.103	2.23
60	MP1B	Mx	-.001	2.23
61	MP1C	X	1.214	2.23
62	MP1C	Z	-2.103	2.23
63	MP1C	Mx	.001	2.23
64	MP2A	X	5.45	2.23
65	MP2A	Z	-9.439	2.23
66	MP2A	Mx	.004	2.23
67	MP2B	X	4.843	2.23
68	MP2B	Z	-8.389	2.23
69	MP2B	Mx	-.006	2.23
70	MP2C	X	4.843	2.23
71	MP2C	Z	-8.389	2.23

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
72	MP2C	Mx	.006	2.23
73	MP3A	X	5.279	2.23
74	MP3A	Z	-9.143	2.23
75	MP3A	Mx	.003	2.23
76	MP3B	X	4.442	2.23
77	MP3B	Z	-7.693	2.23
78	MP3B	Mx	-.003	2.23
79	MP3C	X	4.442	2.23
80	MP3C	Z	-7.693	2.23
81	MP3C	Mx	.003	2.23
82	MP1B	X	2.049	6
83	MP1B	Z	-3.549	6
84	MP1B	Mx	.001	6
85	MP1C	X	2.049	6
86	MP1C	Z	-3.549	6
87	MP1C	Mx	-.001	6
88	MP1B	X	2.049	6
89	MP1B	Z	-3.549	6
90	MP1B	Mx	-.001	6
91	MP1C	X	2.049	6
92	MP1C	Z	-3.549	6
93	MP1C	Mx	.001	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	6.906	1.23
2	MP4A	Z	-3.987	1.23
3	MP4A	Mx	-.003	1.23
4	MP4A	X	6.906	3.23
5	MP4A	Z	-3.987	3.23
6	MP4A	Mx	-.003	3.23
7	MP4B	X	5.371	1.23
8	MP4B	Z	-3.101	1.23
9	MP4B	Mx	.003	1.23
10	MP4B	X	5.371	3.23
11	MP4B	Z	-3.101	3.23
12	MP4B	Mx	.003	3.23
13	MP4C	X	11.327	1.23
14	MP4C	Z	-6.539	1.23
15	MP4C	Mx	-.002	1.23
16	MP4C	X	11.327	3.23
17	MP4C	Z	-6.539	3.23
18	MP4C	Mx	-.002	3.23
19	MP1A	X	17.495	.48
20	MP1A	Z	-10.101	.48
21	MP1A	Mx	-.027	.48
22	MP1A	X	17.495	3.98
23	MP1A	Z	-10.101	3.98
24	MP1A	Mx	-.027	3.98
25	MP1A	X	17.495	.48
26	MP1A	Z	-10.101	.48
27	MP1A	Mx	-.009	.48
28	MP1A	X	17.495	3.98
29	MP1A	Z	-10.101	3.98
30	MP1A	Mx	-.009	3.98
31	MP1B	X	15.79	.48
32	MP1B	Z	-9.116	.48
33	MP1B	Mx	.021	.48

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
34	MP1B	X	15.79	3.98
35	MP1B	Z	-9.116	3.98
36	MP1B	Mx	.021	3.98
37	MP1C	X	21.998	.48
38	MP1C	Z	-12.701	.48
39	MP1C	Mx	.009	.48
40	MP1C	X	21.998	3.98
41	MP1C	Z	-12.701	3.98
42	MP1C	Mx	.009	3.98
43	MP1B	X	15.79	.48
44	MP1B	Z	-9.116	.48
45	MP1B	Mx	.016	.48
46	MP1B	X	15.79	3.98
47	MP1B	Z	-9.116	3.98
48	MP1B	Mx	.016	3.98
49	MP1C	X	21.998	.48
50	MP1C	Z	-12.701	.48
51	MP1C	Mx	-.027	.48
52	MP1C	X	21.998	3.98
53	MP1C	Z	-12.701	3.98
54	MP1C	Mx	-.027	3.98
55	MP1A	X	2.002	2.23
56	MP1A	Z	-1.156	2.23
57	MP1A	Mx	.001	2.23
58	MP1B	X	1.866	2.23
59	MP1B	Z	-1.077	2.23
60	MP1B	Mx	-.002	2.23
61	MP1C	X	2.394	2.23
62	MP1C	Z	-1.382	2.23
63	MP1C	Mx	.000689	2.23
64	MP2A	X	7.88	2.23
65	MP2A	Z	-4.549	2.23
66	MP2A	Mx	.006	2.23
67	MP2B	X	7.194	2.23
68	MP2B	Z	-4.154	2.23
69	MP2B	Mx	-.006	2.23
70	MP2C	X	9.854	2.23
71	MP2C	Z	-5.689	2.23
72	MP2C	Mx	.003	2.23
73	MP3A	X	6.991	2.23
74	MP3A	Z	-4.036	2.23
75	MP3A	Mx	.003	2.23
76	MP3B	X	6.045	2.23
77	MP3B	Z	-3.49	2.23
78	MP3B	Mx	-.003	2.23
79	MP3C	X	9.715	2.23
80	MP3C	Z	-5.609	2.23
81	MP3C	Mx	.002	2.23
82	MP1B	X	2.206	6
83	MP1B	Z	-1.274	6
84	MP1B	Mx	.000836	6
85	MP1C	X	5.197	6
86	MP1C	Z	-3	6
87	MP1C	Mx	-.000684	6
88	MP1B	X	2.206	6
89	MP1B	Z	-1.274	6
90	MP1B	Mx	-.000836	6
91	MP1C	X	5.197	6
92	MP1C	Z	-3	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
93	MP1C	Mx	.000684	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	5.959	1.23
2	MP4A	Z	0	1.23
3	MP4A	Mx	-.003	1.23
4	MP4A	X	5.959	3.23
5	MP4A	Z	0	3.23
6	MP4A	Mx	-.003	3.23
7	MP4B	X	6.902	1.23
8	MP4B	Z	0	1.23
9	MP4B	Mx	.003	1.23
10	MP4B	X	6.902	3.23
11	MP4B	Z	0	3.23
12	MP4B	Mx	.003	3.23
13	MP4C	X	13.779	1.23
14	MP4C	Z	0	1.23
15	MP4C	Mx	.001	1.23
16	MP4C	X	13.779	3.23
17	MP4C	Z	0	3.23
18	MP4C	Mx	.001	3.23
19	MP1A	X	16.062	.48
20	MP1A	Z	0	.48
21	MP1A	Mx	-.017	.48
22	MP1A	X	16.062	3.98
23	MP1A	Z	0	3.98
24	MP1A	Mx	-.017	3.98
25	MP1A	X	16.062	.48
26	MP1A	Z	0	.48
27	MP1A	Mx	-.017	.48
28	MP1A	X	16.062	3.98
29	MP1A	Z	0	3.98
30	MP1A	Mx	-.017	3.98
31	MP1B	X	18.963	.48
32	MP1B	Z	0	.48
33	MP1B	Mx	.014	.48
34	MP1B	X	18.963	3.98
35	MP1B	Z	0	3.98
36	MP1B	Mx	.014	3.98
37	MP1C	X	26.131	.48
38	MP1C	Z	0	.48
39	MP1C	Mx	.024	.48
40	MP1C	X	26.131	3.98
41	MP1C	Z	0	3.98
42	MP1C	Mx	.024	3.98
43	MP1B	X	18.963	.48
44	MP1B	Z	0	.48
45	MP1B	Mx	.023	.48
46	MP1B	X	18.963	3.98
47	MP1B	Z	0	3.98
48	MP1B	Mx	.023	3.98
49	MP1C	X	26.131	.48
50	MP1C	Z	0	.48
51	MP1C	Mx	-.015	.48
52	MP1C	X	26.131	3.98
53	MP1C	Z	0	3.98
54	MP1C	Mx	-.015	3.98

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
55	MP1A	X	2.133	2.23
56	MP1A	Z	0	2.23
57	MP1A	Mx	.002	2.23
58	MP1B	X	2.217	2.23
59	MP1B	Z	0	2.23
60	MP1B	Mx	-.002	2.23
61	MP1C	X	2.827	2.23
62	MP1C	Z	0	2.23
63	MP1C	Mx	-.000358	2.23
64	MP2A	X	8.198	2.23
65	MP2A	Z	0	2.23
66	MP2A	Mx	.006	2.23
67	MP2B	X	8.62	2.23
68	MP2B	Z	0	2.23
69	MP2B	Mx	-.006	2.23
70	MP2C	X	11.691	2.23
71	MP2C	Z	0	2.23
72	MP2C	Mx	-.002	2.23
73	MP3A	X	6.83	2.23
74	MP3A	Z	0	2.23
75	MP3A	Mx	.003	2.23
76	MP3B	X	7.411	2.23
77	MP3B	Z	0	2.23
78	MP3B	Mx	-.003	2.23
79	MP3C	X	11.65	2.23
80	MP3C	Z	0	2.23
81	MP3C	Mx	-.001	2.23
82	MP1B	X	2.899	6
83	MP1B	Z	0	6
84	MP1B	Mx	.000908	6
85	MP1C	X	6.352	6
86	MP1C	Z	0	6
87	MP1C	Mx	.000368	6
88	MP1B	X	2.899	6
89	MP1B	Z	0	6
90	MP1B	Mx	-.000908	6
91	MP1C	X	6.352	6
92	MP1C	Z	0	6
93	MP1C	Mx	-.000368	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	6.906	1.23
2	MP4A	Z	3.987	1.23
3	MP4A	Mx	-.003	1.23
4	MP4A	X	6.906	3.23
5	MP4A	Z	3.987	3.23
6	MP4A	Mx	-.003	3.23
7	MP4B	X	9.258	1.23
8	MP4B	Z	5.345	1.23
9	MP4B	Mx	.003	1.23
10	MP4B	X	9.258	3.23
11	MP4B	Z	5.345	3.23
12	MP4B	Mx	.003	3.23
13	MP4C	X	9.258	1.23
14	MP4C	Z	5.345	1.23
15	MP4C	Mx	.003	1.23
16	MP4C	X	9.258	3.23

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
17	MP4C	Z	5.345	3.23
18	MP4C	Mx	.003	3.23
19	MP1A	X	17.495	.48
20	MP1A	Z	10.101	.48
21	MP1A	Mx	-.009	.48
22	MP1A	X	17.495	3.98
23	MP1A	Z	10.101	3.98
24	MP1A	Mx	-.009	3.98
25	MP1A	X	17.495	.48
26	MP1A	Z	10.101	.48
27	MP1A	Mx	-.027	.48
28	MP1A	X	17.495	3.98
29	MP1A	Z	10.101	3.98
30	MP1A	Mx	-.027	3.98
31	MP1B	X	19.842	.48
32	MP1B	Z	11.456	.48
33	MP1B	Mx	.002	.48
34	MP1B	X	19.842	3.98
35	MP1B	Z	11.456	3.98
36	MP1B	Mx	.002	3.98
37	MP1C	X	19.842	.48
38	MP1C	Z	11.456	.48
39	MP1C	Mx	.029	.48
40	MP1C	X	19.842	3.98
41	MP1C	Z	11.456	3.98
42	MP1C	Mx	.029	3.98
43	MP1B	X	19.842	.48
44	MP1B	Z	11.456	.48
45	MP1B	Mx	.029	.48
46	MP1B	X	19.842	3.98
47	MP1B	Z	11.456	3.98
48	MP1B	Mx	.029	3.98
49	MP1C	X	19.842	.48
50	MP1C	Z	11.456	.48
51	MP1C	Mx	.002	.48
52	MP1C	X	19.842	3.98
53	MP1C	Z	11.456	3.98
54	MP1C	Mx	.002	3.98
55	MP1A	X	2.002	2.23
56	MP1A	Z	1.156	2.23
57	MP1A	Mx	.001	2.23
58	MP1B	X	2.211	2.23
59	MP1B	Z	1.276	2.23
60	MP1B	Mx	-.001	2.23
61	MP1C	X	2.211	2.23
62	MP1C	Z	1.276	2.23
63	MP1C	Mx	-.001	2.23
64	MP2A	X	7.88	2.23
65	MP2A	Z	4.549	2.23
66	MP2A	Mx	.006	2.23
67	MP2B	X	8.93	2.23
68	MP2B	Z	5.156	2.23
69	MP2B	Mx	-.005	2.23
70	MP2C	X	8.93	2.23
71	MP2C	Z	5.156	2.23
72	MP2C	Mx	-.005	2.23
73	MP3A	X	6.991	2.23
74	MP3A	Z	4.036	2.23
75	MP3A	Mx	.003	2.23

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
76	MP3B	X	8.441	2.23
77	MP3B	Z	4.873	2.23
78	MP3B	Mx	-.003	2.23
79	MP3C	X	8.441	2.23
80	MP3C	Z	4.873	2.23
81	MP3C	Mx	-.003	2.23
82	MP1B	X	4.158	6
83	MP1B	Z	2.401	6
84	MP1B	Mx	.001	6
85	MP1C	X	4.158	6
86	MP1C	Z	2.401	6
87	MP1C	Mx	.001	6
88	MP1B	X	4.158	6
89	MP1B	Z	2.401	6
90	MP1B	Mx	-.001	6
91	MP1C	X	4.158	6
92	MP1C	Z	2.401	6
93	MP1C	Mx	-.001	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	6.003	1.23
2	MP4A	Z	10.398	1.23
3	MP4A	Mx	-.003	1.23
4	MP4A	X	6.003	3.23
5	MP4A	Z	10.398	3.23
6	MP4A	Mx	-.003	3.23
7	MP4B	X	6.89	1.23
8	MP4B	Z	11.933	1.23
9	MP4B	Mx	.001	1.23
10	MP4B	X	6.89	3.23
11	MP4B	Z	11.933	3.23
12	MP4B	Mx	.001	3.23
13	MP4C	X	3.451	1.23
14	MP4C	Z	5.977	1.23
15	MP4C	Mx	.003	1.23
16	MP4C	X	3.451	3.23
17	MP4C	Z	5.977	3.23
18	MP4C	Mx	.003	3.23
19	MP1A	X	14.24	.48
20	MP1A	Z	24.664	.48
21	MP1A	Mx	.008	.48
22	MP1A	X	14.24	3.98
23	MP1A	Z	24.664	3.98
24	MP1A	Mx	.008	3.98
25	MP1A	X	14.24	.48
26	MP1A	Z	24.664	.48
27	MP1A	Mx	-.037	.48
28	MP1A	X	14.24	3.98
29	MP1A	Z	24.664	3.98
30	MP1A	Mx	-.037	3.98
31	MP1B	X	13.065	.48
32	MP1B	Z	22.63	.48
33	MP1B	Mx	-.015	.48
34	MP1B	X	13.065	3.98
35	MP1B	Z	22.63	3.98
36	MP1B	Mx	-.015	3.98
37	MP1C	X	9.481	.48

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
38	MP1C	Z	16.422	.48
39	MP1C	Mx	.023	.48
40	MP1C	X	9.481	3.98
41	MP1C	Z	16.422	3.98
42	MP1C	Mx	.023	3.98
43	MP1B	X	13.065	.48
44	MP1B	Z	22.63	.48
45	MP1B	Mx	.024	.48
46	MP1B	X	13.065	3.98
47	MP1B	Z	22.63	3.98
48	MP1B	Mx	.024	3.98
49	MP1C	X	9.481	.48
50	MP1C	Z	16.422	.48
51	MP1C	Mx	.014	.48
52	MP1C	X	9.481	3.98
53	MP1C	Z	16.422	3.98
54	MP1C	Mx	.014	3.98
55	MP1A	X	1.335	2.23
56	MP1A	Z	2.312	2.23
57	MP1A	Mx	.000973	2.23
58	MP1B	X	1.413	2.23
59	MP1B	Z	2.448	2.23
60	MP1B	Mx	-.000358	2.23
61	MP1C	X	1.109	2.23
62	MP1C	Z	1.92	2.23
63	MP1C	Mx	-.002	2.23
64	MP2A	X	5.45	2.23
65	MP2A	Z	9.439	2.23
66	MP2A	Mx	.004	2.23
67	MP2B	X	5.845	2.23
68	MP2B	Z	10.125	2.23
69	MP2B	Mx	-.002	2.23
70	MP2C	X	4.31	2.23
71	MP2C	Z	7.465	2.23
72	MP2C	Mx	-.006	2.23
73	MP3A	X	5.279	2.23
74	MP3A	Z	9.143	2.23
75	MP3A	Mx	.003	2.23
76	MP3B	X	5.825	2.23
77	MP3B	Z	10.089	2.23
78	MP3B	Mx	-.001	2.23
79	MP3C	X	3.706	2.23
80	MP3C	Z	6.418	2.23
81	MP3C	Mx	-.003	2.23
82	MP1B	X	3.176	6
83	MP1B	Z	5.501	6
84	MP1B	Mx	.000368	6
85	MP1C	X	1.449	6
86	MP1C	Z	2.51	6
87	MP1C	Mx	.000908	6
88	MP1B	X	3.176	6
89	MP1B	Z	5.501	6
90	MP1B	Mx	-.000368	6
91	MP1C	X	1.449	6
92	MP1C	Z	2.51	6
93	MP1C	Mx	-.000908	6

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

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

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	0	1.23
2	MP4A	Z	14.022	1.23
3	MP4A	Mx	0	1.23
4	MP4A	X	0	3.23
5	MP4A	Z	14.022	3.23
6	MP4A	Mx	0	3.23
7	MP4B	X	0	1.23
8	MP4B	Z	13.079	1.23
9	MP4B	Mx	-.002	1.23
10	MP4B	X	0	3.23
11	MP4B	Z	13.079	3.23
12	MP4B	Mx	-.002	3.23
13	MP4C	X	0	1.23
14	MP4C	Z	6.202	1.23
15	MP4C	Mx	.003	1.23
16	MP4C	X	0	3.23
17	MP4C	Z	6.202	3.23
18	MP4C	Mx	.003	3.23
19	MP1A	X	0	.48
20	MP1A	Z	32.618	.48
21	MP1A	Mx	.03	.48
22	MP1A	X	0	3.98
23	MP1A	Z	32.618	3.98
24	MP1A	Mx	.03	3.98
25	MP1A	X	0	.48
26	MP1A	Z	32.618	.48
27	MP1A	Mx	-.03	.48
28	MP1A	X	0	3.98
29	MP1A	Z	32.618	3.98
30	MP1A	Mx	-.03	3.98
31	MP1B	X	0	.48
32	MP1B	Z	25.401	.48
33	MP1B	Mx	-.027	.48
34	MP1B	X	0	3.98
35	MP1B	Z	25.401	3.98
36	MP1B	Mx	-.027	3.98
37	MP1C	X	0	.48
38	MP1C	Z	18.233	.48
39	MP1C	Mx	.016	.48
40	MP1C	X	0	3.98
41	MP1C	Z	18.233	3.98
42	MP1C	Mx	.016	3.98
43	MP1B	X	0	.48
44	MP1B	Z	25.401	.48
45	MP1B	Mx	.009	.48
46	MP1B	X	0	3.98
47	MP1B	Z	25.401	3.98
48	MP1B	Mx	.009	3.98
49	MP1C	X	0	.48
50	MP1C	Z	18.233	.48
51	MP1C	Mx	.021	.48
52	MP1C	X	0	3.98
53	MP1C	Z	18.233	3.98
54	MP1C	Mx	.021	3.98
55	MP1A	X	0	2.23
56	MP1A	Z	2.848	2.23
57	MP1A	Mx	0	2.23
58	MP1B	X	0	2.23
59	MP1B	Z	2.765	2.23

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
60	MP1B	Mx	.00069	2.23
61	MP1C	X	0	2.23
62	MP1C	Z	2.155	2.23
63	MP1C	Mx	-.002	2.23
64	MP2A	X	0	2.23
65	MP2A	Z	11.8	2.23
66	MP2A	Mx	0	2.23
67	MP2B	X	0	2.23
68	MP2B	Z	11.378	2.23
69	MP2B	Mx	.003	2.23
70	MP2C	X	0	2.23
71	MP2C	Z	8.307	2.23
72	MP2C	Mx	-.006	2.23
73	MP3A	X	0	2.23
74	MP3A	Z	11.8	2.23
75	MP3A	Mx	0	2.23
76	MP3B	X	0	2.23
77	MP3B	Z	11.218	2.23
78	MP3B	Mx	.002	2.23
79	MP3C	X	0	2.23
80	MP3C	Z	6.98	2.23
81	MP3C	Mx	-.003	2.23
82	MP1B	X	0	6
83	MP1B	Z	6.001	6
84	MP1B	Mx	-.000684	6
85	MP1C	X	0	6
86	MP1C	Z	2.547	6
87	MP1C	Mx	.000836	6
88	MP1B	X	0	6
89	MP1B	Z	6.001	6
90	MP1B	Mx	.000684	6
91	MP1C	X	0	6
92	MP1C	Z	2.547	6
93	MP1C	Mx	-.000836	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	-6.003	1.23
2	MP4A	Z	10.398	1.23
3	MP4A	Mx	.003	1.23
4	MP4A	X	-6.003	3.23
5	MP4A	Z	10.398	3.23
6	MP4A	Mx	.003	3.23
7	MP4B	X	-4.645	1.23
8	MP4B	Z	8.046	1.23
9	MP4B	Mx	-.004	1.23
10	MP4B	X	-4.645	3.23
11	MP4B	Z	8.046	3.23
12	MP4B	Mx	-.004	3.23
13	MP4C	X	-4.645	1.23
14	MP4C	Z	8.046	1.23
15	MP4C	Mx	.004	1.23
16	MP4C	X	-4.645	3.23
17	MP4C	Z	8.046	3.23
18	MP4C	Mx	.004	3.23
19	MP1A	X	-14.24	.48
20	MP1A	Z	24.664	.48
21	MP1A	Mx	.037	.48

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
22	MP1A	X	-14.24	3.98
23	MP1A	Z	24.664	3.98
24	MP1A	Mx	.037	3.98
25	MP1A	X	-14.24	.48
26	MP1A	Z	24.664	.48
27	MP1A	Mx	-.008	.48
28	MP1A	X	-14.24	3.98
29	MP1A	Z	24.664	3.98
30	MP1A	Mx	-.008	3.98
31	MP1B	X	-10.726	.48
32	MP1B	Z	18.578	.48
33	MP1B	Mx	-.027	.48
34	MP1B	X	-10.726	3.98
35	MP1B	Z	18.578	3.98
36	MP1B	Mx	-.027	3.98
37	MP1C	X	-10.726	.48
38	MP1C	Z	18.578	.48
39	MP1C	Mx	.007	.48
40	MP1C	X	-10.726	3.98
41	MP1C	Z	18.578	3.98
42	MP1C	Mx	.007	3.98
43	MP1B	X	-10.726	.48
44	MP1B	Z	18.578	.48
45	MP1B	Mx	-.007	.48
46	MP1B	X	-10.726	3.98
47	MP1B	Z	18.578	3.98
48	MP1B	Mx	-.007	3.98
49	MP1C	X	-10.726	.48
50	MP1C	Z	18.578	.48
51	MP1C	Mx	.027	.48
52	MP1C	X	-10.726	3.98
53	MP1C	Z	18.578	3.98
54	MP1C	Mx	.027	3.98
55	MP1A	X	-1.335	2.23
56	MP1A	Z	2.312	2.23
57	MP1A	Mx	-.000973	2.23
58	MP1B	X	-1.214	2.23
59	MP1B	Z	2.103	2.23
60	MP1B	Mx	.001	2.23
61	MP1C	X	-1.214	2.23
62	MP1C	Z	2.103	2.23
63	MP1C	Mx	-.001	2.23
64	MP2A	X	-5.45	2.23
65	MP2A	Z	9.439	2.23
66	MP2A	Mx	-.004	2.23
67	MP2B	X	-4.843	2.23
68	MP2B	Z	8.389	2.23
69	MP2B	Mx	.006	2.23
70	MP2C	X	-4.843	2.23
71	MP2C	Z	8.389	2.23
72	MP2C	Mx	-.006	2.23
73	MP3A	X	-5.279	2.23
74	MP3A	Z	9.143	2.23
75	MP3A	Mx	-.003	2.23
76	MP3B	X	-4.442	2.23
77	MP3B	Z	7.693	2.23
78	MP3B	Mx	.003	2.23
79	MP3C	X	-4.442	2.23
80	MP3C	Z	7.693	2.23

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
81	MP3C	Mx	-.003	2.23
82	MP1B	X	-2.049	6
83	MP1B	Z	3.549	6
84	MP1B	Mx	-.001	6
85	MP1C	X	-2.049	6
86	MP1C	Z	3.549	6
87	MP1C	Mx	.001	6
88	MP1B	X	-2.049	6
89	MP1B	Z	3.549	6
90	MP1B	Mx	.001	6
91	MP1C	X	-2.049	6
92	MP1C	Z	3.549	6
93	MP1C	Mx	-.001	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	-6.906	1.23
2	MP4A	Z	3.987	1.23
3	MP4A	Mx	.003	1.23
4	MP4A	X	-6.906	3.23
5	MP4A	Z	3.987	3.23
6	MP4A	Mx	.003	3.23
7	MP4B	X	-5.371	1.23
8	MP4B	Z	3.101	1.23
9	MP4B	Mx	-.003	1.23
10	MP4B	X	-5.371	3.23
11	MP4B	Z	3.101	3.23
12	MP4B	Mx	-.003	3.23
13	MP4C	X	-11.327	1.23
14	MP4C	Z	6.539	1.23
15	MP4C	Mx	.002	1.23
16	MP4C	X	-11.327	3.23
17	MP4C	Z	6.539	3.23
18	MP4C	Mx	.002	3.23
19	MP1A	X	-17.495	.48
20	MP1A	Z	10.101	.48
21	MP1A	Mx	.027	.48
22	MP1A	X	-17.495	3.98
23	MP1A	Z	10.101	3.98
24	MP1A	Mx	.027	3.98
25	MP1A	X	-17.495	.48
26	MP1A	Z	10.101	.48
27	MP1A	Mx	.009	.48
28	MP1A	X	-17.495	3.98
29	MP1A	Z	10.101	3.98
30	MP1A	Mx	.009	3.98
31	MP1B	X	-15.79	.48
32	MP1B	Z	9.116	.48
33	MP1B	Mx	-.021	.48
34	MP1B	X	-15.79	3.98
35	MP1B	Z	9.116	3.98
36	MP1B	Mx	-.021	3.98
37	MP1C	X	-21.998	.48
38	MP1C	Z	12.701	.48
39	MP1C	Mx	-.009	.48
40	MP1C	X	-21.998	3.98
41	MP1C	Z	12.701	3.98
42	MP1C	Mx	-.009	3.98

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
43	MP1B	X	-15.79	.48
44	MP1B	Z	9.116	.48
45	MP1B	Mx	-.016	.48
46	MP1B	X	-15.79	3.98
47	MP1B	Z	9.116	3.98
48	MP1B	Mx	-.016	3.98
49	MP1C	X	-21.998	.48
50	MP1C	Z	12.701	.48
51	MP1C	Mx	.027	.48
52	MP1C	X	-21.998	3.98
53	MP1C	Z	12.701	3.98
54	MP1C	Mx	.027	3.98
55	MP1A	X	-2.002	2.23
56	MP1A	Z	1.156	2.23
57	MP1A	Mx	-.001	2.23
58	MP1B	X	-1.866	2.23
59	MP1B	Z	1.077	2.23
60	MP1B	Mx	.002	2.23
61	MP1C	X	-2.394	2.23
62	MP1C	Z	1.382	2.23
63	MP1C	Mx	-.000689	2.23
64	MP2A	X	-7.88	2.23
65	MP2A	Z	4.549	2.23
66	MP2A	Mx	-.006	2.23
67	MP2B	X	-7.194	2.23
68	MP2B	Z	4.154	2.23
69	MP2B	Mx	.006	2.23
70	MP2C	X	-9.854	2.23
71	MP2C	Z	5.689	2.23
72	MP2C	Mx	-.003	2.23
73	MP3A	X	-6.991	2.23
74	MP3A	Z	4.036	2.23
75	MP3A	Mx	-.003	2.23
76	MP3B	X	-6.045	2.23
77	MP3B	Z	3.49	2.23
78	MP3B	Mx	.003	2.23
79	MP3C	X	-9.715	2.23
80	MP3C	Z	5.609	2.23
81	MP3C	Mx	-.002	2.23
82	MP1B	X	-2.206	6
83	MP1B	Z	1.274	6
84	MP1B	Mx	-.000836	6
85	MP1C	X	-5.197	6
86	MP1C	Z	3	6
87	MP1C	Mx	.000684	6
88	MP1B	X	-2.206	6
89	MP1B	Z	1.274	6
90	MP1B	Mx	.000836	6
91	MP1C	X	-5.197	6
92	MP1C	Z	3	6
93	MP1C	Mx	-.000684	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	-5.959	1.23
2	MP4A	Z	0	1.23
3	MP4A	Mx	.003	1.23
4	MP4A	X	-5.959	3.23

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
5	MP4A	Z	0	3.23
6	MP4A	Mx	.003	3.23
7	MP4B	X	-6.902	1.23
8	MP4B	Z	0	1.23
9	MP4B	Mx	-.003	1.23
10	MP4B	X	-6.902	3.23
11	MP4B	Z	0	3.23
12	MP4B	Mx	-.003	3.23
13	MP4C	X	-13.779	1.23
14	MP4C	Z	0	1.23
15	MP4C	Mx	-.001	1.23
16	MP4C	X	-13.779	3.23
17	MP4C	Z	0	3.23
18	MP4C	Mx	-.001	3.23
19	MP1A	X	-16.062	.48
20	MP1A	Z	0	.48
21	MP1A	Mx	.017	.48
22	MP1A	X	-16.062	3.98
23	MP1A	Z	0	3.98
24	MP1A	Mx	.017	3.98
25	MP1A	X	-16.062	.48
26	MP1A	Z	0	.48
27	MP1A	Mx	.017	.48
28	MP1A	X	-16.062	3.98
29	MP1A	Z	0	3.98
30	MP1A	Mx	.017	3.98
31	MP1B	X	-18.963	.48
32	MP1B	Z	0	.48
33	MP1B	Mx	-.014	.48
34	MP1B	X	-18.963	3.98
35	MP1B	Z	0	3.98
36	MP1B	Mx	-.014	3.98
37	MP1C	X	-26.131	.48
38	MP1C	Z	0	.48
39	MP1C	Mx	-.024	.48
40	MP1C	X	-26.131	3.98
41	MP1C	Z	0	3.98
42	MP1C	Mx	-.024	3.98
43	MP1B	X	-18.963	.48
44	MP1B	Z	0	.48
45	MP1B	Mx	-.023	.48
46	MP1B	X	-18.963	3.98
47	MP1B	Z	0	3.98
48	MP1B	Mx	-.023	3.98
49	MP1C	X	-26.131	.48
50	MP1C	Z	0	.48
51	MP1C	Mx	.015	.48
52	MP1C	X	-26.131	3.98
53	MP1C	Z	0	3.98
54	MP1C	Mx	.015	3.98
55	MP1A	X	-2.133	2.23
56	MP1A	Z	0	2.23
57	MP1A	Mx	-.002	2.23
58	MP1B	X	-2.217	2.23
59	MP1B	Z	0	2.23
60	MP1B	Mx	.002	2.23
61	MP1C	X	-2.827	2.23
62	MP1C	Z	0	2.23
63	MP1C	Mx	.000358	2.23

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
64	MP2A	X	-8.198	2.23
65	MP2A	Z	0	2.23
66	MP2A	Mx	-.006	2.23
67	MP2B	X	-8.62	2.23
68	MP2B	Z	0	2.23
69	MP2B	Mx	.006	2.23
70	MP2C	X	-11.691	2.23
71	MP2C	Z	0	2.23
72	MP2C	Mx	.002	2.23
73	MP3A	X	-6.83	2.23
74	MP3A	Z	0	2.23
75	MP3A	Mx	-.003	2.23
76	MP3B	X	-7.411	2.23
77	MP3B	Z	0	2.23
78	MP3B	Mx	.003	2.23
79	MP3C	X	-11.65	2.23
80	MP3C	Z	0	2.23
81	MP3C	Mx	.001	2.23
82	MP1B	X	-2.899	6
83	MP1B	Z	0	6
84	MP1B	Mx	-.000908	6
85	MP1C	X	-6.352	6
86	MP1C	Z	0	6
87	MP1C	Mx	-.000368	6
88	MP1B	X	-2.899	6
89	MP1B	Z	0	6
90	MP1B	Mx	.000908	6
91	MP1C	X	-6.352	6
92	MP1C	Z	0	6
93	MP1C	Mx	.000368	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	-6.906	1.23
2	MP4A	Z	-3.987	1.23
3	MP4A	Mx	.003	1.23
4	MP4A	X	-6.906	3.23
5	MP4A	Z	-3.987	3.23
6	MP4A	Mx	.003	3.23
7	MP4B	X	-9.258	1.23
8	MP4B	Z	-5.345	1.23
9	MP4B	Mx	-.003	1.23
10	MP4B	X	-9.258	3.23
11	MP4B	Z	-5.345	3.23
12	MP4B	Mx	-.003	3.23
13	MP4C	X	-9.258	1.23
14	MP4C	Z	-5.345	1.23
15	MP4C	Mx	-.003	1.23
16	MP4C	X	-9.258	3.23
17	MP4C	Z	-5.345	3.23
18	MP4C	Mx	-.003	3.23
19	MP1A	X	-17.495	.48
20	MP1A	Z	-10.101	.48
21	MP1A	Mx	.009	.48
22	MP1A	X	-17.495	3.98
23	MP1A	Z	-10.101	3.98
24	MP1A	Mx	.009	3.98
25	MP1A	X	-17.495	.48

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
26	MP1A	Z	-10.101	.48
27	MP1A	Mx	.027	.48
28	MP1A	X	-17.495	3.98
29	MP1A	Z	-10.101	3.98
30	MP1A	Mx	.027	3.98
31	MP1B	X	-19.842	.48
32	MP1B	Z	-11.456	.48
33	MP1B	Mx	-.002	.48
34	MP1B	X	-19.842	3.98
35	MP1B	Z	-11.456	3.98
36	MP1B	Mx	-.002	3.98
37	MP1C	X	-19.842	.48
38	MP1C	Z	-11.456	.48
39	MP1C	Mx	-.029	.48
40	MP1C	X	-19.842	3.98
41	MP1C	Z	-11.456	3.98
42	MP1C	Mx	-.029	3.98
43	MP1B	X	-19.842	.48
44	MP1B	Z	-11.456	.48
45	MP1B	Mx	-.029	.48
46	MP1B	X	-19.842	3.98
47	MP1B	Z	-11.456	3.98
48	MP1B	Mx	-.029	3.98
49	MP1C	X	-19.842	.48
50	MP1C	Z	-11.456	.48
51	MP1C	Mx	-.002	.48
52	MP1C	X	-19.842	3.98
53	MP1C	Z	-11.456	3.98
54	MP1C	Mx	-.002	3.98
55	MP1A	X	-2.002	2.23
56	MP1A	Z	-1.156	2.23
57	MP1A	Mx	-.001	2.23
58	MP1B	X	-2.211	2.23
59	MP1B	Z	-1.276	2.23
60	MP1B	Mx	.001	2.23
61	MP1C	X	-2.211	2.23
62	MP1C	Z	-1.276	2.23
63	MP1C	Mx	.001	2.23
64	MP2A	X	-7.88	2.23
65	MP2A	Z	-4.549	2.23
66	MP2A	Mx	-.006	2.23
67	MP2B	X	-8.93	2.23
68	MP2B	Z	-5.156	2.23
69	MP2B	Mx	.005	2.23
70	MP2C	X	-8.93	2.23
71	MP2C	Z	-5.156	2.23
72	MP2C	Mx	.005	2.23
73	MP3A	X	-6.991	2.23
74	MP3A	Z	-4.036	2.23
75	MP3A	Mx	-.003	2.23
76	MP3B	X	-8.441	2.23
77	MP3B	Z	-4.873	2.23
78	MP3B	Mx	.003	2.23
79	MP3C	X	-8.441	2.23
80	MP3C	Z	-4.873	2.23
81	MP3C	Mx	.003	2.23
82	MP1B	X	-4.158	6
83	MP1B	Z	-2.401	6
84	MP1B	Mx	-.001	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
85	MP1C	X	-4.158	6
86	MP1C	Z	-2.401	6
87	MP1C	Mx	-.001	6
88	MP1B	X	-4.158	6
89	MP1B	Z	-2.401	6
90	MP1B	Mx	.001	6
91	MP1C	X	-4.158	6
92	MP1C	Z	-2.401	6
93	MP1C	Mx	.001	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	-6.003	1.23
2	MP4A	Z	-10.398	1.23
3	MP4A	Mx	.003	1.23
4	MP4A	X	-6.003	3.23
5	MP4A	Z	-10.398	3.23
6	MP4A	Mx	.003	3.23
7	MP4B	X	-6.89	1.23
8	MP4B	Z	-11.933	1.23
9	MP4B	Mx	-.001	1.23
10	MP4B	X	-6.89	3.23
11	MP4B	Z	-11.933	3.23
12	MP4B	Mx	-.001	3.23
13	MP4C	X	-3.451	1.23
14	MP4C	Z	-5.977	1.23
15	MP4C	Mx	-.003	1.23
16	MP4C	X	-3.451	3.23
17	MP4C	Z	-5.977	3.23
18	MP4C	Mx	-.003	3.23
19	MP1A	X	-14.24	.48
20	MP1A	Z	-24.664	.48
21	MP1A	Mx	-.008	.48
22	MP1A	X	-14.24	3.98
23	MP1A	Z	-24.664	3.98
24	MP1A	Mx	-.008	3.98
25	MP1A	X	-14.24	.48
26	MP1A	Z	-24.664	.48
27	MP1A	Mx	.037	.48
28	MP1A	X	-14.24	3.98
29	MP1A	Z	-24.664	3.98
30	MP1A	Mx	.037	3.98
31	MP1B	X	-13.065	.48
32	MP1B	Z	-22.63	.48
33	MP1B	Mx	.015	.48
34	MP1B	X	-13.065	3.98
35	MP1B	Z	-22.63	3.98
36	MP1B	Mx	.015	3.98
37	MP1C	X	-9.481	.48
38	MP1C	Z	-16.422	.48
39	MP1C	Mx	-.023	.48
40	MP1C	X	-9.481	3.98
41	MP1C	Z	-16.422	3.98
42	MP1C	Mx	-.023	3.98
43	MP1B	X	-13.065	.48
44	MP1B	Z	-22.63	.48
45	MP1B	Mx	-.024	.48
46	MP1B	X	-13.065	3.98

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
47	MP1B	Z	-22.63	3.98
48	MP1B	Mx	-.024	3.98
49	MP1C	X	-9.481	.48
50	MP1C	Z	-16.422	.48
51	MP1C	Mx	-.014	.48
52	MP1C	X	-9.481	3.98
53	MP1C	Z	-16.422	3.98
54	MP1C	Mx	-.014	3.98
55	MP1A	X	-1.335	2.23
56	MP1A	Z	-2.312	2.23
57	MP1A	Mx	-.000973	2.23
58	MP1B	X	-1.413	2.23
59	MP1B	Z	-2.448	2.23
60	MP1B	Mx	.000358	2.23
61	MP1C	X	-1.109	2.23
62	MP1C	Z	-1.92	2.23
63	MP1C	Mx	.002	2.23
64	MP2A	X	-5.45	2.23
65	MP2A	Z	-9.439	2.23
66	MP2A	Mx	-.004	2.23
67	MP2B	X	-5.845	2.23
68	MP2B	Z	-10.125	2.23
69	MP2B	Mx	.002	2.23
70	MP2C	X	-4.31	2.23
71	MP2C	Z	-7.465	2.23
72	MP2C	Mx	.006	2.23
73	MP3A	X	-5.279	2.23
74	MP3A	Z	-9.143	2.23
75	MP3A	Mx	-.003	2.23
76	MP3B	X	-5.825	2.23
77	MP3B	Z	-10.089	2.23
78	MP3B	Mx	.001	2.23
79	MP3C	X	-3.706	2.23
80	MP3C	Z	-6.418	2.23
81	MP3C	Mx	.003	2.23
82	MP1B	X	-3.176	6
83	MP1B	Z	-5.501	6
84	MP1B	Mx	-.000368	6
85	MP1C	X	-1.449	6
86	MP1C	Z	-2.51	6
87	MP1C	Mx	-.000908	6
88	MP1B	X	-3.176	6
89	MP1B	Z	-5.501	6
90	MP1B	Mx	.000368	6
91	MP1C	X	-1.449	6
92	MP1C	Z	-2.51	6
93	MP1C	Mx	.000908	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	0	1.23
2	MP4A	Z	-3.739	1.23
3	MP4A	Mx	0	1.23
4	MP4A	X	0	3.23
5	MP4A	Z	-3.739	3.23
6	MP4A	Mx	0	3.23
7	MP4B	X	0	1.23
8	MP4B	Z	-3.453	1.23

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
9	MP4B	Mx	.00059	1.23
10	MP4B	X	0	3.23
11	MP4B	Z	-3.453	3.23
12	MP4B	Mx	.00059	3.23
13	MP4C	X	0	1.23
14	MP4C	Z	-1.362	1.23
15	MP4C	Mx	-.000671	1.23
16	MP4C	X	0	3.23
17	MP4C	Z	-1.362	3.23
18	MP4C	Mx	-.000671	3.23
19	MP1A	X	0	.48
20	MP1A	Z	-10.875	.48
21	MP1A	Mx	-.01	.48
22	MP1A	X	0	3.98
23	MP1A	Z	-10.875	3.98
24	MP1A	Mx	-.01	3.98
25	MP1A	X	0	.48
26	MP1A	Z	-10.875	.48
27	MP1A	Mx	.01	.48
28	MP1A	X	0	3.98
29	MP1A	Z	-10.875	3.98
30	MP1A	Mx	.01	3.98
31	MP1B	X	0	.48
32	MP1B	Z	-8.341	.48
33	MP1B	Mx	.009	.48
34	MP1B	X	0	3.98
35	MP1B	Z	-8.341	3.98
36	MP1B	Mx	.009	3.98
37	MP1C	X	0	.48
38	MP1C	Z	-5.797	.48
39	MP1C	Mx	-.005	.48
40	MP1C	X	0	3.98
41	MP1C	Z	-5.797	3.98
42	MP1C	Mx	-.005	3.98
43	MP1B	X	0	.48
44	MP1B	Z	-8.341	.48
45	MP1B	Mx	-.003	.48
46	MP1B	X	0	3.98
47	MP1B	Z	-8.341	3.98
48	MP1B	Mx	-.003	3.98
49	MP1C	X	0	.48
50	MP1C	Z	-5.797	.48
51	MP1C	Mx	-.007	.48
52	MP1C	X	0	3.98
53	MP1C	Z	-5.797	3.98
54	MP1C	Mx	-.007	3.98
55	MP1A	X	0	2.23
56	MP1A	Z	-.706	2.23
57	MP1A	Mx	0	2.23
58	MP1B	X	0	2.23
59	MP1B	Z	-.68	2.23
60	MP1B	Mx	-.00017	2.23
61	MP1C	X	0	2.23
62	MP1C	Z	-.495	2.23
63	MP1C	Mx	.000355	2.23
64	MP2A	X	0	2.23
65	MP2A	Z	-2.957	2.23
66	MP2A	Mx	0	2.23
67	MP2B	X	0	2.23

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
68	MP2B	Z	-2.843	2.23
69	MP2B	Mx	-.00075	2.23
70	MP2C	X	0	2.23
71	MP2C	Z	-2.013	2.23
72	MP2C	Mx	.002	2.23
73	MP3A	X	0	2.23
74	MP3A	Z	-2.957	2.23
75	MP3A	Mx	0	2.23
76	MP3B	X	0	2.23
77	MP3B	Z	-2.801	2.23
78	MP3B	Mx	-.000479	2.23
79	MP3C	X	0	2.23
80	MP3C	Z	-1.662	2.23
81	MP3C	Mx	.000818	2.23
82	MP1B	X	0	6
83	MP1B	Z	-1.682	6
84	MP1B	Mx	.000192	6
85	MP1C	X	0	6
86	MP1C	Z	-.594	6
87	MP1C	Mx	-.000195	6
88	MP1B	X	0	6
89	MP1B	Z	-1.682	6
90	MP1B	Mx	-.000192	6
91	MP1C	X	0	6
92	MP1C	Z	-.594	6
93	MP1C	Mx	.000195	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	1.563	1.23
2	MP4A	Z	-2.708	1.23
3	MP4A	Mx	-.000782	1.23
4	MP4A	X	1.563	3.23
5	MP4A	Z	-2.708	3.23
6	MP4A	Mx	-.000782	3.23
7	MP4B	X	1.15	1.23
8	MP4B	Z	-1.992	1.23
9	MP4B	Mx	.000881	1.23
10	MP4B	X	1.15	3.23
11	MP4B	Z	-1.992	3.23
12	MP4B	Mx	.000881	3.23
13	MP4C	X	1.15	1.23
14	MP4C	Z	-1.992	1.23
15	MP4C	Mx	-.000881	1.23
16	MP4C	X	1.15	3.23
17	MP4C	Z	-1.992	3.23
18	MP4C	Mx	-.000881	3.23
19	MP1A	X	4.708	.48
20	MP1A	Z	-8.154	.48
21	MP1A	Mx	-.012	.48
22	MP1A	X	4.708	3.98
23	MP1A	Z	-8.154	3.98
24	MP1A	Mx	-.012	3.98
25	MP1A	X	4.708	.48
26	MP1A	Z	-8.154	.48
27	MP1A	Mx	.003	.48
28	MP1A	X	4.708	3.98
29	MP1A	Z	-8.154	3.98

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
30	MP1A	Mx	.003	3.98
31	MP1B	X	3.47	.48
32	MP1B	Z	-6.01	.48
33	MP1B	Mx	.009	.48
34	MP1B	X	3.47	3.98
35	MP1B	Z	-6.01	3.98
36	MP1B	Mx	.009	3.98
37	MP1C	X	3.47	.48
38	MP1C	Z	-6.01	.48
39	MP1C	Mx	-.002	.48
40	MP1C	X	3.47	3.98
41	MP1C	Z	-6.01	3.98
42	MP1C	Mx	-.002	3.98
43	MP1B	X	3.47	.48
44	MP1B	Z	-6.01	.48
45	MP1B	Mx	.002	.48
46	MP1B	X	3.47	3.98
47	MP1B	Z	-6.01	3.98
48	MP1B	Mx	.002	3.98
49	MP1C	X	3.47	.48
50	MP1C	Z	-6.01	.48
51	MP1C	Mx	-.009	.48
52	MP1C	X	3.47	3.98
53	MP1C	Z	-6.01	3.98
54	MP1C	Mx	-.009	3.98
55	MP1A	X	.326	2.23
56	MP1A	Z	-.564	2.23
57	MP1A	Mx	.000238	2.23
58	MP1B	X	.289	2.23
59	MP1B	Z	-.501	2.23
60	MP1B	Mx	-.000323	2.23
61	MP1C	X	.289	2.23
62	MP1C	Z	-.501	2.23
63	MP1C	Mx	.000323	2.23
64	MP2A	X	1.357	2.23
65	MP2A	Z	-2.35	2.23
66	MP2A	Mx	.001	2.23
67	MP2B	X	1.193	2.23
68	MP2B	Z	-2.066	2.23
69	MP2B	Mx	-.001	2.23
70	MP2C	X	1.193	2.23
71	MP2C	Z	-2.066	2.23
72	MP2C	Mx	.001	2.23
73	MP3A	X	1.312	2.23
74	MP3A	Z	-2.272	2.23
75	MP3A	Mx	.000656	2.23
76	MP3B	X	1.087	2.23
77	MP3B	Z	-1.882	2.23
78	MP3B	Mx	-.000833	2.23
79	MP3C	X	1.087	2.23
80	MP3C	Z	-1.882	2.23
81	MP3C	Mx	.000832	2.23
82	MP1B	X	.541	6
83	MP1B	Z	-.938	6
84	MP1B	Mx	.000276	6
85	MP1C	X	.541	6
86	MP1C	Z	-.938	6
87	MP1C	Mx	-.000277	6
88	MP1B	X	.541	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
89	MP1B	Z	-.938	6
90	MP1B	Mx	-.000276	6
91	MP1C	X	.541	6
92	MP1C	Z	-.938	6
93	MP1C	Mx	.000277	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	1.646	1.23
2	MP4A	Z	-.95	1.23
3	MP4A	Mx	-.000823	1.23
4	MP4A	X	1.646	3.23
5	MP4A	Z	-.95	3.23
6	MP4A	Mx	-.000823	3.23
7	MP4B	X	1.179	1.23
8	MP4B	Z	-.681	1.23
9	MP4B	Mx	.00067	1.23
10	MP4B	X	1.179	3.23
11	MP4B	Z	-.681	3.23
12	MP4B	Mx	.00067	3.23
13	MP4C	X	2.99	1.23
14	MP4C	Z	-1.726	1.23
15	MP4C	Mx	-.00059	1.23
16	MP4C	X	2.99	3.23
17	MP4C	Z	-1.726	3.23
18	MP4C	Mx	-.00059	3.23
19	MP1A	X	5.628	.48
20	MP1A	Z	-3.249	.48
21	MP1A	Mx	-.009	.48
22	MP1A	X	5.628	3.98
23	MP1A	Z	-3.249	3.98
24	MP1A	Mx	-.009	3.98
25	MP1A	X	5.628	.48
26	MP1A	Z	-3.249	.48
27	MP1A	Mx	-.003	.48
28	MP1A	X	5.628	3.98
29	MP1A	Z	-3.249	3.98
30	MP1A	Mx	-.003	3.98
31	MP1B	X	5.021	.48
32	MP1B	Z	-2.899	.48
33	MP1B	Mx	.007	.48
34	MP1B	X	5.021	3.98
35	MP1B	Z	-2.899	3.98
36	MP1B	Mx	.007	3.98
37	MP1C	X	7.224	.48
38	MP1C	Z	-4.171	.48
39	MP1C	Mx	.003	.48
40	MP1C	X	7.224	3.98
41	MP1C	Z	-4.171	3.98
42	MP1C	Mx	.003	3.98
43	MP1B	X	5.021	.48
44	MP1B	Z	-2.899	.48
45	MP1B	Mx	.005	.48
46	MP1B	X	5.021	3.98
47	MP1B	Z	-2.899	3.98
48	MP1B	Mx	.005	3.98
49	MP1C	X	7.224	.48
50	MP1C	Z	-4.171	.48

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
51	MP1C	Mx	-.009	.48
52	MP1C	X	7.224	3.98
53	MP1C	Z	-4.171	3.98
54	MP1C	Mx	-.009	3.98
55	MP1A	X	.47	2.23
56	MP1A	Z	-.271	2.23
57	MP1A	Mx	.000343	2.23
58	MP1B	X	.429	2.23
59	MP1B	Z	-.247	2.23
60	MP1B	Mx	-.000356	2.23
61	MP1C	X	.589	2.23
62	MP1C	Z	-.34	2.23
63	MP1C	Mx	.00017	2.23
64	MP2A	X	1.929	2.23
65	MP2A	Z	-1.114	2.23
66	MP2A	Mx	.001	2.23
67	MP2B	X	1.744	2.23
68	MP2B	Z	-1.007	2.23
69	MP2B	Mx	-.002	2.23
70	MP2C	X	2.462	2.23
71	MP2C	Z	-1.422	2.23
72	MP2C	Mx	.00075	2.23
73	MP3A	X	1.694	2.23
74	MP3A	Z	-.978	2.23
75	MP3A	Mx	.000847	2.23
76	MP3B	X	1.439	2.23
77	MP3B	Z	-.831	2.23
78	MP3B	Mx	-.000818	2.23
79	MP3C	X	2.426	2.23
80	MP3C	Z	-1.4	2.23
81	MP3C	Mx	.000479	2.23
82	MP1B	X	.514	6
83	MP1B	Z	-.297	6
84	MP1B	Mx	.000195	6
85	MP1C	X	1.457	6
86	MP1C	Z	-.841	6
87	MP1C	Mx	-.000192	6
88	MP1B	X	.514	6
89	MP1B	Z	-.297	6
90	MP1B	Mx	-.000195	6
91	MP1C	X	1.457	6
92	MP1C	Z	-.841	6
93	MP1C	Mx	.000192	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	1.288	1.23
2	MP4A	Z	0	1.23
3	MP4A	Mx	-.000644	1.23
4	MP4A	X	1.288	3.23
5	MP4A	Z	0	3.23
6	MP4A	Mx	-.000644	3.23
7	MP4B	X	1.575	1.23
8	MP4B	Z	0	1.23
9	MP4B	Mx	.00074	1.23
10	MP4B	X	1.575	3.23
11	MP4B	Z	0	3.23
12	MP4B	Mx	.00074	3.23

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
13	MP4C	X	3.665	1.23
14	MP4C	Z	0	1.23
15	MP4C	Mx	.000318	1.23
16	MP4C	X	3.665	3.23
17	MP4C	Z	0	3.23
18	MP4C	Mx	.000318	3.23
19	MP1A	X	5.04	.48
20	MP1A	Z	0	.48
21	MP1A	Mx	-.005	.48
22	MP1A	X	5.04	3.98
23	MP1A	Z	0	3.98
24	MP1A	Mx	-.005	3.98
25	MP1A	X	5.04	.48
26	MP1A	Z	0	.48
27	MP1A	Mx	-.005	.48
28	MP1A	X	5.04	3.98
29	MP1A	Z	0	3.98
30	MP1A	Mx	-.005	3.98
31	MP1B	X	6.056	.48
32	MP1B	Z	0	.48
33	MP1B	Mx	.004	.48
34	MP1B	X	6.056	3.98
35	MP1B	Z	0	3.98
36	MP1B	Mx	.004	3.98
37	MP1C	X	8.6	.48
38	MP1C	Z	0	.48
39	MP1C	Mx	.008	.48
40	MP1C	X	8.6	3.98
41	MP1C	Z	0	3.98
42	MP1C	Mx	.008	3.98
43	MP1B	X	6.056	.48
44	MP1B	Z	0	.48
45	MP1B	Mx	.007	.48
46	MP1B	X	6.056	3.98
47	MP1B	Z	0	3.98
48	MP1B	Mx	.007	3.98
49	MP1C	X	8.6	.48
50	MP1C	Z	0	.48
51	MP1C	Mx	-.005	.48
52	MP1C	X	8.6	3.98
53	MP1C	Z	0	3.98
54	MP1C	Mx	-.005	3.98
55	MP1A	X	.488	2.23
56	MP1A	Z	0	2.23
57	MP1A	Mx	.000356	2.23
58	MP1B	X	.514	2.23
59	MP1B	Z	0	2.23
60	MP1B	Mx	-.000352	2.23
61	MP1C	X	.699	2.23
62	MP1C	Z	0	2.23
63	MP1C	Mx	-8.9e-5	2.23
64	MP2A	X	1.984	2.23
65	MP2A	Z	0	2.23
66	MP2A	Mx	.002	2.23
67	MP2B	X	2.098	2.23
68	MP2B	Z	0	2.23
69	MP2B	Mx	-.002	2.23
70	MP2C	X	2.928	2.23
71	MP2C	Z	0	2.23

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
72	MP2C	Mx	-.000392	2.23
73	MP3A	X	1.622	2.23
74	MP3A	Z	0	2.23
75	MP3A	Mx	.000811	2.23
76	MP3B	X	1.778	2.23
77	MP3B	Z	0	2.23
78	MP3B	Mx	-.000835	2.23
79	MP3C	X	2.917	2.23
80	MP3C	Z	0	2.23
81	MP3C	Mx	-.000253	2.23
82	MP1B	X	.705	6
83	MP1B	Z	0	6
84	MP1B	Mx	.000221	6
85	MP1C	X	1.793	6
86	MP1C	Z	0	6
87	MP1C	Mx	.000104	6
88	MP1B	X	.705	6
89	MP1B	Z	0	6
90	MP1B	Mx	-.000221	6
91	MP1C	X	1.793	6
92	MP1C	Z	0	6
93	MP1C	Mx	-.000104	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	1.646	1.23
2	MP4A	Z	.95	1.23
3	MP4A	Mx	-.000823	1.23
4	MP4A	X	1.646	3.23
5	MP4A	Z	.95	3.23
6	MP4A	Mx	-.000823	3.23
7	MP4B	X	2.361	1.23
8	MP4B	Z	1.363	1.23
9	MP4B	Mx	.000876	1.23
10	MP4B	X	2.361	3.23
11	MP4B	Z	1.363	3.23
12	MP4B	Mx	.000876	3.23
13	MP4C	X	2.361	1.23
14	MP4C	Z	1.363	1.23
15	MP4C	Mx	.000876	1.23
16	MP4C	X	2.361	3.23
17	MP4C	Z	1.363	3.23
18	MP4C	Mx	.000876	3.23
19	MP1A	X	5.628	.48
20	MP1A	Z	3.249	.48
21	MP1A	Mx	-.003	.48
22	MP1A	X	5.628	3.98
23	MP1A	Z	3.249	3.98
24	MP1A	Mx	-.003	3.98
25	MP1A	X	5.628	.48
26	MP1A	Z	3.249	.48
27	MP1A	Mx	-.009	.48
28	MP1A	X	5.628	3.98
29	MP1A	Z	3.249	3.98
30	MP1A	Mx	-.009	3.98
31	MP1B	X	6.459	.48
32	MP1B	Z	3.729	.48
33	MP1B	Mx	.000709	.48

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
34	MP1B	X	6.459	3.98
35	MP1B	Z	3.729	3.98
36	MP1B	Mx	.000709	3.98
37	MP1C	X	6.459	.48
38	MP1C	Z	3.729	.48
39	MP1C	Mx	.009	.48
40	MP1C	X	6.459	3.98
41	MP1C	Z	3.729	3.98
42	MP1C	Mx	.009	3.98
43	MP1B	X	6.459	.48
44	MP1B	Z	3.729	.48
45	MP1B	Mx	.009	.48
46	MP1B	X	6.459	3.98
47	MP1B	Z	3.729	3.98
48	MP1B	Mx	.009	3.98
49	MP1C	X	6.459	.48
50	MP1C	Z	3.729	.48
51	MP1C	Mx	.000709	.48
52	MP1C	X	6.459	3.98
53	MP1C	Z	3.729	3.98
54	MP1C	Mx	.000709	3.98
55	MP1A	X	.47	2.23
56	MP1A	Z	.271	2.23
57	MP1A	Mx	.000343	2.23
58	MP1B	X	.533	2.23
59	MP1B	Z	.308	2.23
60	MP1B	Mx	-.000288	2.23
61	MP1C	X	.533	2.23
62	MP1C	Z	.308	2.23
63	MP1C	Mx	-.000289	2.23
64	MP2A	X	1.929	2.23
65	MP2A	Z	1.114	2.23
66	MP2A	Mx	.001	2.23
67	MP2B	X	2.213	2.23
68	MP2B	Z	1.278	2.23
69	MP2B	Mx	-.001	2.23
70	MP2C	X	2.213	2.23
71	MP2C	Z	1.278	2.23
72	MP2C	Mx	-.001	2.23
73	MP3A	X	1.694	2.23
74	MP3A	Z	.978	2.23
75	MP3A	Mx	.000847	2.23
76	MP3B	X	2.083	2.23
77	MP3B	Z	1.203	2.23
78	MP3B	Mx	-.000773	2.23
79	MP3C	X	2.083	2.23
80	MP3C	Z	1.203	2.23
81	MP3C	Mx	-.000773	2.23
82	MP1B	X	1.13	6
83	MP1B	Z	.652	6
84	MP1B	Mx	.00028	6
85	MP1C	X	1.13	6
86	MP1C	Z	.652	6
87	MP1C	Mx	.000279	6
88	MP1B	X	1.13	6
89	MP1B	Z	.652	6
90	MP1B	Mx	-.00028	6
91	MP1C	X	1.13	6
92	MP1C	Z	.652	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
93	MP1C	Mx	-.000279	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	1.563	1.23
2	MP4A	Z	2.708	1.23
3	MP4A	Mx	-.000782	1.23
4	MP4A	X	1.563	3.23
5	MP4A	Z	2.708	3.23
6	MP4A	Mx	-.000782	3.23
7	MP4B	X	1.833	1.23
8	MP4B	Z	3.174	1.23
9	MP4B	Mx	.000318	1.23
10	MP4B	X	1.833	3.23
11	MP4B	Z	3.174	3.23
12	MP4B	Mx	.000318	3.23
13	MP4C	X	.787	1.23
14	MP4C	Z	1.364	1.23
15	MP4C	Mx	.00074	1.23
16	MP4C	X	.787	3.23
17	MP4C	Z	1.364	3.23
18	MP4C	Mx	.00074	3.23
19	MP1A	X	4.708	.48
20	MP1A	Z	8.154	.48
21	MP1A	Mx	.003	.48
22	MP1A	X	4.708	3.98
23	MP1A	Z	8.154	3.98
24	MP1A	Mx	.003	3.98
25	MP1A	X	4.708	.48
26	MP1A	Z	8.154	.48
27	MP1A	Mx	-.012	.48
28	MP1A	X	4.708	3.98
29	MP1A	Z	8.154	3.98
30	MP1A	Mx	-.012	3.98
31	MP1B	X	4.3	.48
32	MP1B	Z	7.448	.48
33	MP1B	Mx	-.005	.48
34	MP1B	X	4.3	3.98
35	MP1B	Z	7.448	3.98
36	MP1B	Mx	-.005	3.98
37	MP1C	X	3.028	.48
38	MP1C	Z	5.245	.48
39	MP1C	Mx	.007	.48
40	MP1C	X	3.028	3.98
41	MP1C	Z	5.245	3.98
42	MP1C	Mx	.007	3.98
43	MP1B	X	4.3	.48
44	MP1B	Z	7.448	.48
45	MP1B	Mx	.008	.48
46	MP1B	X	4.3	3.98
47	MP1B	Z	7.448	3.98
48	MP1B	Mx	.008	3.98
49	MP1C	X	3.028	.48
50	MP1C	Z	5.245	.48
51	MP1C	Mx	.004	.48
52	MP1C	X	3.028	3.98
53	MP1C	Z	5.245	3.98
54	MP1C	Mx	.004	3.98

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
55	MP1A	X	.326	2.23
56	MP1A	Z	.564	2.23
57	MP1A	Mx	.000238	2.23
58	MP1B	X	.35	2.23
59	MP1B	Z	.606	2.23
60	MP1B	Mx	-8.9e-5	2.23
61	MP1C	X	.257	2.23
62	MP1C	Z	.445	2.23
63	MP1C	Mx	-.000352	2.23
64	MP2A	X	1.357	2.23
65	MP2A	Z	2.35	2.23
66	MP2A	Mx	.001	2.23
67	MP2B	X	1.464	2.23
68	MP2B	Z	2.536	2.23
69	MP2B	Mx	-.000392	2.23
70	MP2C	X	1.049	2.23
71	MP2C	Z	1.817	2.23
72	MP2C	Mx	-.002	2.23
73	MP3A	X	1.312	2.23
74	MP3A	Z	2.272	2.23
75	MP3A	Mx	.000656	2.23
76	MP3B	X	1.458	2.23
77	MP3B	Z	2.526	2.23
78	MP3B	Mx	-.000253	2.23
79	MP3C	X	.889	2.23
80	MP3C	Z	1.54	2.23
81	MP3C	Mx	-.000835	2.23
82	MP1B	X	.897	6
83	MP1B	Z	1.553	6
84	MP1B	Mx	.000104	6
85	MP1C	X	.352	6
86	MP1C	Z	.61	6
87	MP1C	Mx	.000221	6
88	MP1B	X	.897	6
89	MP1B	Z	1.553	6
90	MP1B	Mx	-.000104	6
91	MP1C	X	.352	6
92	MP1C	Z	.61	6
93	MP1C	Mx	-.000221	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	0	1.23
2	MP4A	Z	3.739	1.23
3	MP4A	Mx	0	1.23
4	MP4A	X	0	3.23
5	MP4A	Z	3.739	3.23
6	MP4A	Mx	0	3.23
7	MP4B	X	0	1.23
8	MP4B	Z	3.453	1.23
9	MP4B	Mx	-.00059	1.23
10	MP4B	X	0	3.23
11	MP4B	Z	3.453	3.23
12	MP4B	Mx	-.00059	3.23
13	MP4C	X	0	1.23
14	MP4C	Z	1.362	1.23
15	MP4C	Mx	.000671	1.23
16	MP4C	X	0	3.23

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
17	MP4C	Z	1.362	3.23
18	MP4C	Mx	.000671	3.23
19	MP1A	X	0	.48
20	MP1A	Z	10.875	.48
21	MP1A	Mx	.01	.48
22	MP1A	X	0	3.98
23	MP1A	Z	10.875	3.98
24	MP1A	Mx	.01	3.98
25	MP1A	X	0	.48
26	MP1A	Z	10.875	.48
27	MP1A	Mx	-.01	.48
28	MP1A	X	0	3.98
29	MP1A	Z	10.875	3.98
30	MP1A	Mx	-.01	3.98
31	MP1B	X	0	.48
32	MP1B	Z	8.341	.48
33	MP1B	Mx	-.009	.48
34	MP1B	X	0	3.98
35	MP1B	Z	8.341	3.98
36	MP1B	Mx	-.009	3.98
37	MP1C	X	0	.48
38	MP1C	Z	5.797	.48
39	MP1C	Mx	.005	.48
40	MP1C	X	0	3.98
41	MP1C	Z	5.797	3.98
42	MP1C	Mx	.005	3.98
43	MP1B	X	0	.48
44	MP1B	Z	8.341	.48
45	MP1B	Mx	.003	.48
46	MP1B	X	0	3.98
47	MP1B	Z	8.341	3.98
48	MP1B	Mx	.003	3.98
49	MP1C	X	0	.48
50	MP1C	Z	5.797	.48
51	MP1C	Mx	.007	.48
52	MP1C	X	0	3.98
53	MP1C	Z	5.797	3.98
54	MP1C	Mx	.007	3.98
55	MP1A	X	0	2.23
56	MP1A	Z	.706	2.23
57	MP1A	Mx	0	2.23
58	MP1B	X	0	2.23
59	MP1B	Z	.68	2.23
60	MP1B	Mx	.00017	2.23
61	MP1C	X	0	2.23
62	MP1C	Z	.495	2.23
63	MP1C	Mx	-.000355	2.23
64	MP2A	X	0	2.23
65	MP2A	Z	2.957	2.23
66	MP2A	Mx	0	2.23
67	MP2B	X	0	2.23
68	MP2B	Z	2.843	2.23
69	MP2B	Mx	.00075	2.23
70	MP2C	X	0	2.23
71	MP2C	Z	2.013	2.23
72	MP2C	Mx	-.002	2.23
73	MP3A	X	0	2.23
74	MP3A	Z	2.957	2.23
75	MP3A	Mx	0	2.23

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
76	MP3B	X	0	2.23
77	MP3B	Z	2.801	2.23
78	MP3B	Mx	.000479	2.23
79	MP3C	X	0	2.23
80	MP3C	Z	1.662	2.23
81	MP3C	Mx	-.000818	2.23
82	MP1B	X	0	6
83	MP1B	Z	1.682	6
84	MP1B	Mx	-.000192	6
85	MP1C	X	0	6
86	MP1C	Z	.594	6
87	MP1C	Mx	.000195	6
88	MP1B	X	0	6
89	MP1B	Z	1.682	6
90	MP1B	Mx	.000192	6
91	MP1C	X	0	6
92	MP1C	Z	.594	6
93	MP1C	Mx	-.000195	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	-1.563	1.23
2	MP4A	Z	2.708	1.23
3	MP4A	Mx	.000782	1.23
4	MP4A	X	-1.563	3.23
5	MP4A	Z	2.708	3.23
6	MP4A	Mx	.000782	3.23
7	MP4B	X	-1.15	1.23
8	MP4B	Z	1.992	1.23
9	MP4B	Mx	-.000881	1.23
10	MP4B	X	-1.15	3.23
11	MP4B	Z	1.992	3.23
12	MP4B	Mx	-.000881	3.23
13	MP4C	X	-1.15	1.23
14	MP4C	Z	1.992	1.23
15	MP4C	Mx	.000881	1.23
16	MP4C	X	-1.15	3.23
17	MP4C	Z	1.992	3.23
18	MP4C	Mx	.000881	3.23
19	MP1A	X	-4.708	.48
20	MP1A	Z	8.154	.48
21	MP1A	Mx	.012	.48
22	MP1A	X	-4.708	3.98
23	MP1A	Z	8.154	3.98
24	MP1A	Mx	.012	3.98
25	MP1A	X	-4.708	.48
26	MP1A	Z	8.154	.48
27	MP1A	Mx	-.003	.48
28	MP1A	X	-4.708	3.98
29	MP1A	Z	8.154	3.98
30	MP1A	Mx	-.003	3.98
31	MP1B	X	-3.47	.48
32	MP1B	Z	6.01	.48
33	MP1B	Mx	-.009	.48
34	MP1B	X	-3.47	3.98
35	MP1B	Z	6.01	3.98
36	MP1B	Mx	-.009	3.98
37	MP1C	X	-3.47	.48

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
38	MP1C	Z	6.01	.48
39	MP1C	Mx	.002	.48
40	MP1C	X	-3.47	3.98
41	MP1C	Z	6.01	3.98
42	MP1C	Mx	.002	3.98
43	MP1B	X	-3.47	.48
44	MP1B	Z	6.01	.48
45	MP1B	Mx	-.002	.48
46	MP1B	X	-3.47	3.98
47	MP1B	Z	6.01	3.98
48	MP1B	Mx	-.002	3.98
49	MP1C	X	-3.47	.48
50	MP1C	Z	6.01	.48
51	MP1C	Mx	.009	.48
52	MP1C	X	-3.47	3.98
53	MP1C	Z	6.01	3.98
54	MP1C	Mx	.009	3.98
55	MP1A	X	-.326	2.23
56	MP1A	Z	.564	2.23
57	MP1A	Mx	-.000238	2.23
58	MP1B	X	-.289	2.23
59	MP1B	Z	.501	2.23
60	MP1B	Mx	.000323	2.23
61	MP1C	X	-.289	2.23
62	MP1C	Z	.501	2.23
63	MP1C	Mx	-.000323	2.23
64	MP2A	X	-1.357	2.23
65	MP2A	Z	2.35	2.23
66	MP2A	Mx	-.001	2.23
67	MP2B	X	-1.193	2.23
68	MP2B	Z	2.066	2.23
69	MP2B	Mx	.001	2.23
70	MP2C	X	-1.193	2.23
71	MP2C	Z	2.066	2.23
72	MP2C	Mx	-.001	2.23
73	MP3A	X	-1.312	2.23
74	MP3A	Z	2.272	2.23
75	MP3A	Mx	-.000656	2.23
76	MP3B	X	-1.087	2.23
77	MP3B	Z	1.882	2.23
78	MP3B	Mx	.000833	2.23
79	MP3C	X	-1.087	2.23
80	MP3C	Z	1.882	2.23
81	MP3C	Mx	-.000832	2.23
82	MP1B	X	-.541	6
83	MP1B	Z	.938	6
84	MP1B	Mx	-.000276	6
85	MP1C	X	-.541	6
86	MP1C	Z	.938	6
87	MP1C	Mx	.000277	6
88	MP1B	X	-.541	6
89	MP1B	Z	.938	6
90	MP1B	Mx	.000276	6
91	MP1C	X	-.541	6
92	MP1C	Z	.938	6
93	MP1C	Mx	-.000277	6

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

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

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	-1.646	1.23
2	MP4A	Z	.95	1.23
3	MP4A	Mx	.000823	1.23
4	MP4A	X	-1.646	3.23
5	MP4A	Z	.95	3.23
6	MP4A	Mx	.000823	3.23
7	MP4B	X	-1.179	1.23
8	MP4B	Z	.681	1.23
9	MP4B	Mx	-.00067	1.23
10	MP4B	X	-1.179	3.23
11	MP4B	Z	.681	3.23
12	MP4B	Mx	-.00067	3.23
13	MP4C	X	-2.99	1.23
14	MP4C	Z	1.726	1.23
15	MP4C	Mx	.00059	1.23
16	MP4C	X	-2.99	3.23
17	MP4C	Z	1.726	3.23
18	MP4C	Mx	.00059	3.23
19	MP1A	X	-5.628	.48
20	MP1A	Z	3.249	.48
21	MP1A	Mx	.009	.48
22	MP1A	X	-5.628	3.98
23	MP1A	Z	3.249	3.98
24	MP1A	Mx	.009	3.98
25	MP1A	X	-5.628	.48
26	MP1A	Z	3.249	.48
27	MP1A	Mx	.003	.48
28	MP1A	X	-5.628	3.98
29	MP1A	Z	3.249	3.98
30	MP1A	Mx	.003	3.98
31	MP1B	X	-5.021	.48
32	MP1B	Z	2.899	.48
33	MP1B	Mx	-.007	.48
34	MP1B	X	-5.021	3.98
35	MP1B	Z	2.899	3.98
36	MP1B	Mx	-.007	3.98
37	MP1C	X	-7.224	.48
38	MP1C	Z	4.171	.48
39	MP1C	Mx	-.003	.48
40	MP1C	X	-7.224	3.98
41	MP1C	Z	4.171	3.98
42	MP1C	Mx	-.003	3.98
43	MP1B	X	-5.021	.48
44	MP1B	Z	2.899	.48
45	MP1B	Mx	-.005	.48
46	MP1B	X	-5.021	3.98
47	MP1B	Z	2.899	3.98
48	MP1B	Mx	-.005	3.98
49	MP1C	X	-7.224	.48
50	MP1C	Z	4.171	.48
51	MP1C	Mx	.009	.48
52	MP1C	X	-7.224	3.98
53	MP1C	Z	4.171	3.98
54	MP1C	Mx	.009	3.98
55	MP1A	X	-.47	2.23
56	MP1A	Z	.271	2.23
57	MP1A	Mx	-.000343	2.23
58	MP1B	X	-.429	2.23
59	MP1B	Z	.247	2.23

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
60	MP1B	Mx	.000356	2.23
61	MP1C	X	-.589	2.23
62	MP1C	Z	.34	2.23
63	MP1C	Mx	-.00017	2.23
64	MP2A	X	-1.929	2.23
65	MP2A	Z	1.114	2.23
66	MP2A	Mx	-.001	2.23
67	MP2B	X	-1.744	2.23
68	MP2B	Z	1.007	2.23
69	MP2B	Mx	.002	2.23
70	MP2C	X	-2.462	2.23
71	MP2C	Z	1.422	2.23
72	MP2C	Mx	-.00075	2.23
73	MP3A	X	-1.694	2.23
74	MP3A	Z	.978	2.23
75	MP3A	Mx	-.000847	2.23
76	MP3B	X	-1.439	2.23
77	MP3B	Z	.831	2.23
78	MP3B	Mx	.000818	2.23
79	MP3C	X	-2.426	2.23
80	MP3C	Z	1.4	2.23
81	MP3C	Mx	-.000479	2.23
82	MP1B	X	-.514	6
83	MP1B	Z	.297	6
84	MP1B	Mx	-.000195	6
85	MP1C	X	-1.457	6
86	MP1C	Z	.841	6
87	MP1C	Mx	.000192	6
88	MP1B	X	-.514	6
89	MP1B	Z	.297	6
90	MP1B	Mx	.000195	6
91	MP1C	X	-1.457	6
92	MP1C	Z	.841	6
93	MP1C	Mx	-.000192	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	-1.288	1.23
2	MP4A	Z	0	1.23
3	MP4A	Mx	.000644	1.23
4	MP4A	X	-1.288	3.23
5	MP4A	Z	0	3.23
6	MP4A	Mx	.000644	3.23
7	MP4B	X	-1.575	1.23
8	MP4B	Z	0	1.23
9	MP4B	Mx	-.00074	1.23
10	MP4B	X	-1.575	3.23
11	MP4B	Z	0	3.23
12	MP4B	Mx	-.00074	3.23
13	MP4C	X	-3.665	1.23
14	MP4C	Z	0	1.23
15	MP4C	Mx	-.000318	1.23
16	MP4C	X	-3.665	3.23
17	MP4C	Z	0	3.23
18	MP4C	Mx	-.000318	3.23
19	MP1A	X	-5.04	.48
20	MP1A	Z	0	.48
21	MP1A	Mx	.005	.48

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
22	MP1A	X	-5.04	3.98
23	MP1A	Z	0	3.98
24	MP1A	Mx	.005	3.98
25	MP1A	X	-5.04	.48
26	MP1A	Z	0	.48
27	MP1A	Mx	.005	.48
28	MP1A	X	-5.04	3.98
29	MP1A	Z	0	3.98
30	MP1A	Mx	.005	3.98
31	MP1B	X	-6.056	.48
32	MP1B	Z	0	.48
33	MP1B	Mx	-.004	.48
34	MP1B	X	-6.056	3.98
35	MP1B	Z	0	3.98
36	MP1B	Mx	-.004	3.98
37	MP1C	X	-8.6	.48
38	MP1C	Z	0	.48
39	MP1C	Mx	-.008	.48
40	MP1C	X	-8.6	3.98
41	MP1C	Z	0	3.98
42	MP1C	Mx	-.008	3.98
43	MP1B	X	-6.056	.48
44	MP1B	Z	0	.48
45	MP1B	Mx	-.007	.48
46	MP1B	X	-6.056	3.98
47	MP1B	Z	0	3.98
48	MP1B	Mx	-.007	3.98
49	MP1C	X	-8.6	.48
50	MP1C	Z	0	.48
51	MP1C	Mx	.005	.48
52	MP1C	X	-8.6	3.98
53	MP1C	Z	0	3.98
54	MP1C	Mx	.005	3.98
55	MP1A	X	-.488	2.23
56	MP1A	Z	0	2.23
57	MP1A	Mx	-.000356	2.23
58	MP1B	X	-.514	2.23
59	MP1B	Z	0	2.23
60	MP1B	Mx	.000352	2.23
61	MP1C	X	-.699	2.23
62	MP1C	Z	0	2.23
63	MP1C	Mx	8.9e-5	2.23
64	MP2A	X	-1.984	2.23
65	MP2A	Z	0	2.23
66	MP2A	Mx	-.002	2.23
67	MP2B	X	-2.098	2.23
68	MP2B	Z	0	2.23
69	MP2B	Mx	.002	2.23
70	MP2C	X	-2.928	2.23
71	MP2C	Z	0	2.23
72	MP2C	Mx	.000392	2.23
73	MP3A	X	-1.622	2.23
74	MP3A	Z	0	2.23
75	MP3A	Mx	-.000811	2.23
76	MP3B	X	-1.778	2.23
77	MP3B	Z	0	2.23
78	MP3B	Mx	.000835	2.23
79	MP3C	X	-2.917	2.23
80	MP3C	Z	0	2.23

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
81	MP3C	Mx	.000253	2.23
82	MP1B	X	-.705	6
83	MP1B	Z	0	6
84	MP1B	Mx	-.000221	6
85	MP1C	X	-1.793	6
86	MP1C	Z	0	6
87	MP1C	Mx	-.000104	6
88	MP1B	X	-.705	6
89	MP1B	Z	0	6
90	MP1B	Mx	.000221	6
91	MP1C	X	-1.793	6
92	MP1C	Z	0	6
93	MP1C	Mx	.000104	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	-1.646	1.23
2	MP4A	Z	-.95	1.23
3	MP4A	Mx	.000823	1.23
4	MP4A	X	-1.646	3.23
5	MP4A	Z	-.95	3.23
6	MP4A	Mx	.000823	3.23
7	MP4B	X	-2.361	1.23
8	MP4B	Z	-1.363	1.23
9	MP4B	Mx	-.000876	1.23
10	MP4B	X	-2.361	3.23
11	MP4B	Z	-1.363	3.23
12	MP4B	Mx	-.000876	3.23
13	MP4C	X	-2.361	1.23
14	MP4C	Z	-1.363	1.23
15	MP4C	Mx	-.000876	1.23
16	MP4C	X	-2.361	3.23
17	MP4C	Z	-1.363	3.23
18	MP4C	Mx	-.000876	3.23
19	MP1A	X	-5.628	.48
20	MP1A	Z	-3.249	.48
21	MP1A	Mx	.003	.48
22	MP1A	X	-5.628	3.98
23	MP1A	Z	-3.249	3.98
24	MP1A	Mx	.003	3.98
25	MP1A	X	-5.628	.48
26	MP1A	Z	-3.249	.48
27	MP1A	Mx	.009	.48
28	MP1A	X	-5.628	3.98
29	MP1A	Z	-3.249	3.98
30	MP1A	Mx	.009	3.98
31	MP1B	X	-6.459	.48
32	MP1B	Z	-3.729	.48
33	MP1B	Mx	-.000709	.48
34	MP1B	X	-6.459	3.98
35	MP1B	Z	-3.729	3.98
36	MP1B	Mx	-.000709	3.98
37	MP1C	X	-6.459	.48
38	MP1C	Z	-3.729	.48
39	MP1C	Mx	-.009	.48
40	MP1C	X	-6.459	3.98
41	MP1C	Z	-3.729	3.98
42	MP1C	Mx	-.009	3.98

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
43	MP1B	X	-6.459	.48
44	MP1B	Z	-3.729	.48
45	MP1B	Mx	-.009	.48
46	MP1B	X	-6.459	3.98
47	MP1B	Z	-3.729	3.98
48	MP1B	Mx	-.009	3.98
49	MP1C	X	-6.459	.48
50	MP1C	Z	-3.729	.48
51	MP1C	Mx	-.000709	.48
52	MP1C	X	-6.459	3.98
53	MP1C	Z	-3.729	3.98
54	MP1C	Mx	-.000709	3.98
55	MP1A	X	-.47	2.23
56	MP1A	Z	-.271	2.23
57	MP1A	Mx	-.000343	2.23
58	MP1B	X	-.533	2.23
59	MP1B	Z	-.308	2.23
60	MP1B	Mx	.000288	2.23
61	MP1C	X	-.533	2.23
62	MP1C	Z	-.308	2.23
63	MP1C	Mx	.000289	2.23
64	MP2A	X	-1.929	2.23
65	MP2A	Z	-1.114	2.23
66	MP2A	Mx	-.001	2.23
67	MP2B	X	-2.213	2.23
68	MP2B	Z	-1.278	2.23
69	MP2B	Mx	.001	2.23
70	MP2C	X	-2.213	2.23
71	MP2C	Z	-1.278	2.23
72	MP2C	Mx	.001	2.23
73	MP3A	X	-1.694	2.23
74	MP3A	Z	-.978	2.23
75	MP3A	Mx	-.000847	2.23
76	MP3B	X	-2.083	2.23
77	MP3B	Z	-1.203	2.23
78	MP3B	Mx	.000773	2.23
79	MP3C	X	-2.083	2.23
80	MP3C	Z	-1.203	2.23
81	MP3C	Mx	.000773	2.23
82	MP1B	X	-1.13	6
83	MP1B	Z	-.652	6
84	MP1B	Mx	-.00028	6
85	MP1C	X	-1.13	6
86	MP1C	Z	-.652	6
87	MP1C	Mx	-.000279	6
88	MP1B	X	-1.13	6
89	MP1B	Z	-.652	6
90	MP1B	Mx	.00028	6
91	MP1C	X	-1.13	6
92	MP1C	Z	-.652	6
93	MP1C	Mx	.000279	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	-1.563	1.23
2	MP4A	Z	-2.708	1.23
3	MP4A	Mx	.000782	1.23
4	MP4A	X	-1.563	3.23

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
5	MP4A	Z	-2.708	3.23
6	MP4A	Mx	.000782	3.23
7	MP4B	X	-1.833	1.23
8	MP4B	Z	-3.174	1.23
9	MP4B	Mx	-.000318	1.23
10	MP4B	X	-1.833	3.23
11	MP4B	Z	-3.174	3.23
12	MP4B	Mx	-.000318	3.23
13	MP4C	X	-.787	1.23
14	MP4C	Z	-1.364	1.23
15	MP4C	Mx	-.00074	1.23
16	MP4C	X	-.787	3.23
17	MP4C	Z	-1.364	3.23
18	MP4C	Mx	-.00074	3.23
19	MP1A	X	-4.708	.48
20	MP1A	Z	-8.154	.48
21	MP1A	Mx	-.003	.48
22	MP1A	X	-4.708	3.98
23	MP1A	Z	-8.154	3.98
24	MP1A	Mx	-.003	3.98
25	MP1A	X	-4.708	.48
26	MP1A	Z	-8.154	.48
27	MP1A	Mx	.012	.48
28	MP1A	X	-4.708	3.98
29	MP1A	Z	-8.154	3.98
30	MP1A	Mx	.012	3.98
31	MP1B	X	-4.3	.48
32	MP1B	Z	-7.448	.48
33	MP1B	Mx	.005	.48
34	MP1B	X	-4.3	3.98
35	MP1B	Z	-7.448	3.98
36	MP1B	Mx	.005	3.98
37	MP1C	X	-3.028	.48
38	MP1C	Z	-5.245	.48
39	MP1C	Mx	-.007	.48
40	MP1C	X	-3.028	3.98
41	MP1C	Z	-5.245	3.98
42	MP1C	Mx	-.007	3.98
43	MP1B	X	-4.3	.48
44	MP1B	Z	-7.448	.48
45	MP1B	Mx	-.008	.48
46	MP1B	X	-4.3	3.98
47	MP1B	Z	-7.448	3.98
48	MP1B	Mx	-.008	3.98
49	MP1C	X	-3.028	.48
50	MP1C	Z	-5.245	.48
51	MP1C	Mx	-.004	.48
52	MP1C	X	-3.028	3.98
53	MP1C	Z	-5.245	3.98
54	MP1C	Mx	-.004	3.98
55	MP1A	X	-.326	2.23
56	MP1A	Z	-.564	2.23
57	MP1A	Mx	-.000238	2.23
58	MP1B	X	-.35	2.23
59	MP1B	Z	-.606	2.23
60	MP1B	Mx	8.9e-5	2.23
61	MP1C	X	-.257	2.23
62	MP1C	Z	-.445	2.23
63	MP1C	Mx	.000352	2.23

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
64	MP2A	X	-1.357	2.23
65	MP2A	Z	-2.35	2.23
66	MP2A	Mx	-.001	2.23
67	MP2B	X	-1.464	2.23
68	MP2B	Z	-2.536	2.23
69	MP2B	Mx	.000392	2.23
70	MP2C	X	-1.049	2.23
71	MP2C	Z	-1.817	2.23
72	MP2C	Mx	.002	2.23
73	MP3A	X	-1.312	2.23
74	MP3A	Z	-2.272	2.23
75	MP3A	Mx	-.000656	2.23
76	MP3B	X	-1.458	2.23
77	MP3B	Z	-2.526	2.23
78	MP3B	Mx	.000253	2.23
79	MP3C	X	-.889	2.23
80	MP3C	Z	-1.54	2.23
81	MP3C	Mx	.000835	2.23
82	MP1B	X	-.897	6
83	MP1B	Z	-1.553	6
84	MP1B	Mx	-.000104	6
85	MP1C	X	-.352	6
86	MP1C	Z	-.61	6
87	MP1C	Mx	-.000221	6
88	MP1B	X	-.897	6
89	MP1B	Z	-1.553	6
90	MP1B	Mx	.000104	6
91	MP1C	X	-.352	6
92	MP1C	Z	-.61	6
93	MP1C	Mx	.000221	6

Member Point Loads (BLC 77 : Lm1)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M19	Y	-500	0

Member Point Loads (BLC 78 : Lm2)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M20	Y	-500	0

Member Point Loads (BLC 79 : Lv1)

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

Member Point Loads (BLC 80 : Lv2)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M1	Y	-250	%100

Member Point Loads (BLC 81 : Antenna Ev)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	Y	-1.83	1.23
2	MP4A	My	-.000915	1.23
3	MP4A	Mz	0	1.23
4	MP4A	Y	-1.83	3.23
5	MP4A	My	-.000915	3.23
6	MP4A	Mz	0	3.23
7	MP4B	Y	-1.83	1.23

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
8	MP4B	My	.00086	1.23
9	MP4B	Mz	-.000313	1.23
10	MP4B	Y	-1.83	3.23
11	MP4B	My	.00086	3.23
12	MP4B	Mz	-.000313	3.23
13	MP4C	Y	-1.83	1.23
14	MP4C	My	.000159	1.23
15	MP4C	Mz	.000901	1.23
16	MP4C	Y	-1.83	3.23
17	MP4C	My	.000159	3.23
18	MP4C	Mz	.000901	3.23
19	MP1A	Y	-1.923	.48
20	MP1A	My	-.002	.48
21	MP1A	Mz	.002	.48
22	MP1A	Y	-1.923	3.98
23	MP1A	My	-.002	3.98
24	MP1A	Mz	.002	3.98
25	MP1A	Y	-1.923	.48
26	MP1A	My	-.002	.48
27	MP1A	Mz	-.002	.48
28	MP1A	Y	-1.923	3.98
29	MP1A	My	-.002	3.98
30	MP1A	Mz	-.002	3.98
31	MP1B	Y	-1.33	.48
32	MP1B	My	.000961	.48
33	MP1B	Mz	-.001	.48
34	MP1B	Y	-1.33	3.98
35	MP1B	My	.000961	3.98
36	MP1B	Mz	-.001	3.98
37	MP1C	Y	-1.33	.48
38	MP1C	My	.001	.48
39	MP1C	Mz	.001	.48
40	MP1C	Y	-1.33	3.98
41	MP1C	My	.001	3.98
42	MP1C	Mz	.001	3.98
43	MP1B	Y	-1.33	.48
44	MP1B	My	.002	.48
45	MP1B	Mz	.000464	.48
46	MP1B	Y	-1.33	3.98
47	MP1B	My	.002	3.98
48	MP1B	Mz	.000464	3.98
49	MP1C	Y	-1.33	.48
50	MP1C	My	-.000742	.48
51	MP1C	Mz	.002	.48
52	MP1C	Y	-1.33	3.98
53	MP1C	My	-.000742	3.98
54	MP1C	Mz	.002	3.98
55	MP1A	Y	-.437	2.23
56	MP1A	My	.000319	2.23
57	MP1A	Mz	0	2.23
58	MP1B	Y	-.437	2.23
59	MP1B	My	-.000299	2.23
60	MP1B	Mz	.000109	2.23
61	MP1C	Y	-.437	2.23
62	MP1C	My	-5.5e-5	2.23
63	MP1C	Mz	-.000314	2.23
64	MP2A	Y	-3.547	2.23
65	MP2A	My	.003	2.23
66	MP2A	Mz	0	2.23

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
67	MP2B	Y	-3.547	2.23
68	MP2B	My	-.003	2.23
69	MP2B	Mz	.000935	2.23
70	MP2C	Y	-3.547	2.23
71	MP2C	My	-.000475	2.23
72	MP2C	Mz	-.003	2.23
73	MP3A	Y	-2.954	2.23
74	MP3A	My	.001	2.23
75	MP3A	Mz	0	2.23
76	MP3B	Y	-2.954	2.23
77	MP3B	My	-.001	2.23
78	MP3B	Mz	.000505	2.23
79	MP3C	Y	-2.954	2.23
80	MP3C	My	-.000257	2.23
81	MP3C	Mz	-.001	2.23
82	MP1B	Y	-.74	6
83	MP1B	My	.000232	6
84	MP1B	Mz	-8.4e-5	6
85	MP1C	Y	-.74	6
86	MP1C	My	4.3e-5	6
87	MP1C	Mz	.000243	6
88	MP1B	Y	-.74	6
89	MP1B	My	-.000232	6
90	MP1B	Mz	8.4e-5	6
91	MP1C	Y	-.74	6
92	MP1C	My	-4.3e-5	6
93	MP1C	Mz	-.000243	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	Z	-4.576	1.23
2	MP4A	Mx	0	1.23
3	MP4A	Z	-4.576	3.23
4	MP4A	Mx	0	3.23
5	MP4B	Z	-4.576	1.23
6	MP4B	Mx	.000782	1.23
7	MP4B	Z	-4.576	3.23
8	MP4B	Mx	.000782	3.23
9	MP4C	Z	-4.576	1.23
10	MP4C	Mx	-.002	1.23
11	MP4C	Z	-4.576	3.23
12	MP4C	Mx	-.002	3.23
13	MP1A	Z	-4.807	.48
14	MP1A	Mx	-.004	.48
15	MP1A	Z	-4.807	3.98
16	MP1A	Mx	-.004	3.98
17	MP1A	Z	-4.807	.48
18	MP1A	Mx	.004	.48
19	MP1A	Z	-4.807	3.98
20	MP1A	Mx	.004	3.98
21	MP1B	Z	-3.325	.48
22	MP1B	Mx	.004	.48
23	MP1B	Z	-3.325	3.98
24	MP1B	Mx	.004	3.98
25	MP1C	Z	-3.325	.48
26	MP1C	Mx	-.003	.48
27	MP1C	Z	-3.325	3.98
28	MP1C	Mx	-.003	3.98

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
29	MP1B	Z	-3.325	.48
30	MP1B	Mx	-.001	.48
31	MP1B	Z	-3.325	3.98
32	MP1B	Mx	-.001	3.98
33	MP1C	Z	-3.325	.48
34	MP1C	Mx	-.004	.48
35	MP1C	Z	-3.325	3.98
36	MP1C	Mx	-.004	3.98
37	MP1A	Z	-1.093	2.23
38	MP1A	Mx	0	2.23
39	MP1B	Z	-1.093	2.23
40	MP1B	Mx	-.000273	2.23
41	MP1C	Z	-1.093	2.23
42	MP1C	Mx	.000785	2.23
43	MP2A	Z	-8.868	2.23
44	MP2A	Mx	0	2.23
45	MP2B	Z	-8.868	2.23
46	MP2B	Mx	-.002	2.23
47	MP2C	Z	-8.868	2.23
48	MP2C	Mx	.007	2.23
49	MP3A	Z	-7.386	2.23
50	MP3A	Mx	0	2.23
51	MP3B	Z	-7.386	2.23
52	MP3B	Mx	-.001	2.23
53	MP3C	Z	-7.386	2.23
54	MP3C	Mx	.004	2.23
55	MP1B	Z	-1.849	6
56	MP1B	Mx	.000211	6
57	MP1C	Z	-1.849	6
58	MP1C	Mx	-.000607	6
59	MP1B	Z	-1.849	6
60	MP1B	Mx	-.000211	6
61	MP1C	Z	-1.849	6
62	MP1C	Mx	.000607	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	4.576	1.23
2	MP4A	Mx	-.002	1.23
3	MP4A	X	4.576	3.23
4	MP4A	Mx	-.002	3.23
5	MP4B	X	4.576	1.23
6	MP4B	Mx	.002	1.23
7	MP4B	X	4.576	3.23
8	MP4B	Mx	.002	3.23
9	MP4C	X	4.576	1.23
10	MP4C	Mx	.000397	1.23
11	MP4C	X	4.576	3.23
12	MP4C	Mx	.000397	3.23
13	MP1A	X	4.807	.48
14	MP1A	Mx	-.005	.48
15	MP1A	X	4.807	3.98
16	MP1A	Mx	-.005	3.98
17	MP1A	X	4.807	.48
18	MP1A	Mx	-.005	.48
19	MP1A	X	4.807	3.98
20	MP1A	Mx	-.005	3.98
21	MP1B	X	3.325	.48

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
22	MP1B	Mx	.002	.48
23	MP1B	X	3.325	3.98
24	MP1B	Mx	.002	3.98
25	MP1C	X	3.325	.48
26	MP1C	Mx	.003	.48
27	MP1C	X	3.325	3.98
28	MP1C	Mx	.003	3.98
29	MP1B	X	3.325	.48
30	MP1B	Mx	.004	.48
31	MP1B	X	3.325	3.98
32	MP1B	Mx	.004	3.98
33	MP1C	X	3.325	.48
34	MP1C	Mx	-.002	.48
35	MP1C	X	3.325	3.98
36	MP1C	Mx	-.002	3.98
37	MP1A	X	1.093	2.23
38	MP1A	Mx	.000797	2.23
39	MP1B	X	1.093	2.23
40	MP1B	Mx	-.000749	2.23
41	MP1C	X	1.093	2.23
42	MP1C	Mx	-.000138	2.23
43	MP2A	X	8.868	2.23
44	MP2A	Mx	.007	2.23
45	MP2B	X	8.868	2.23
46	MP2B	Mx	-.006	2.23
47	MP2C	X	8.868	2.23
48	MP2C	Mx	-.001	2.23
49	MP3A	X	7.386	2.23
50	MP3A	Mx	.004	2.23
51	MP3B	X	7.386	2.23
52	MP3B	Mx	-.003	2.23
53	MP3C	X	7.386	2.23
54	MP3C	Mx	-.000641	2.23
55	MP1B	X	1.849	6
56	MP1B	Mx	.000579	6
57	MP1C	X	1.849	6
58	MP1C	Mx	.000107	6
59	MP1B	X	1.849	6
60	MP1B	Mx	-.000579	6
61	MP1C	X	1.849	6
62	MP1C	Mx	-.000107	6

Member Distributed Loads (BLC 40 : Structure Di)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	Y	-6.332	-6.332	0	%100
2	M4	Y	-9.287	-9.287	0	%100
3	M10	Y	-9.287	-9.287	0	%100
4	MP3A	Y	-4.791	-4.791	0	%100
5	MP4A	Y	-4.791	-4.791	0	%100
6	MP2A	Y	-4.791	-4.791	0	%100
7	MP1A	Y	-4.791	-4.791	0	%100
8	M43	Y	-9.287	-9.287	0	%100
9	M46	Y	-9.786	-9.786	0	%100
10	M51B	Y	-5.412	-5.412	0	%100
11	M52B	Y	-5.412	-5.412	0	%100
12	M76	Y	-9.773	-9.773	0	%100
13	M77	Y	-9.773	-9.773	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
14	M80	Y	-9.786	-9.786	0	%100
15	M84	Y	-9.773	-9.773	0	%100
16	M85	Y	-9.773	-9.773	0	%100
17	M91	Y	-9.786	-9.786	0	%100
18	M34	Y	-9.287	-9.287	0	%100
19	M35	Y	-9.287	-9.287	0	%100
20	M36	Y	-9.287	-9.287	0	%100
21	M37	Y	-9.786	-9.786	0	%100
22	M40	Y	-5.412	-5.412	0	%100
23	M41	Y	-5.412	-5.412	0	%100
24	M45	Y	-9.773	-9.773	0	%100
25	M46A	Y	-9.773	-9.773	0	%100
26	M48	Y	-9.786	-9.786	0	%100
27	M50A	Y	-9.773	-9.773	0	%100
28	M51C	Y	-9.773	-9.773	0	%100
29	M53	Y	-9.786	-9.786	0	%100
30	M58A	Y	-9.287	-9.287	0	%100
31	M59A	Y	-9.287	-9.287	0	%100
32	M60	Y	-9.287	-9.287	0	%100
33	M61	Y	-9.786	-9.786	0	%100
34	M64	Y	-5.412	-5.412	0	%100
35	M65	Y	-5.412	-5.412	0	%100
36	M69	Y	-9.773	-9.773	0	%100
37	M70	Y	-9.773	-9.773	0	%100
38	M72	Y	-9.786	-9.786	0	%100
39	M74	Y	-9.773	-9.773	0	%100
40	M75	Y	-9.773	-9.773	0	%100
41	M77A	Y	-9.786	-9.786	0	%100
42	M82	Y	-6.332	-6.332	0	%100
43	MP3C	Y	-4.791	-4.791	0	%100
44	MP4C	Y	-4.791	-4.791	0	%100
45	MP2C	Y	-4.791	-4.791	0	%100
46	MP1C	Y	-4.791	-4.791	0	%100
47	M91A	Y	-6.332	-6.332	0	%100
48	MP3B	Y	-4.791	-4.791	0	%100
49	MP4B	Y	-4.791	-4.791	0	%100
50	MP2B	Y	-4.791	-4.791	0	%100
51	MP1B	Y	-4.791	-4.791	0	%100
52	M100	Y	-5.476	-5.476	0	%100
53	M105	Y	-5.476	-5.476	0	%100
54	M110	Y	-5.476	-5.476	0	%100
55	M121	Y	-7.349	-7.349	0	%100
56	M122	Y	-7.349	-7.349	0	%100
57	M123	Y	-7.349	-7.349	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	-10.684	-10.684	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	-9.182	-9.182	0	%100
7	MP3A	X	0	0	0	%100
8	MP3A	Z	-7.25	-7.25	0	%100
9	MP4A	X	0	0	0	%100
10	MP4A	Z	-7.25	-7.25	0	%100
11	MP2A	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
12	MP2A	Z	-7.25	-7.25	0	%100
13	MP1A	X	0	0	0	%100
14	MP1A	Z	-7.25	-7.25	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	-9.182	-9.182	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	-18.315	-18.315	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	-2.542	-2.542	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	-2.542	-2.542	0	%100
23	M76	X	0	0	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	0	0	0	%100
26	M77	Z	-4.664	-4.664	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	-4.912	-4.912	0	%100
29	M84	X	0	0	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	0	0	0	%100
32	M85	Z	-4.664	-4.664	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	-4.912	-4.912	0	%100
35	M34	X	0	0	0	%100
36	M34	Z	-8.139	-8.139	0	%100
37	M35	X	0	0	0	%100
38	M35	Z	-2.296	-2.296	0	%100
39	M36	X	0	0	0	%100
40	M36	Z	-2.296	-2.296	0	%100
41	M37	X	0	0	0	%100
42	M37	Z	-4.579	-4.579	0	%100
43	M40	X	0	0	0	%100
44	M40	Z	-2.542	-2.542	0	%100
45	M41	X	0	0	0	%100
46	M41	Z	-10.17	-10.17	0	%100
47	M45	X	0	0	0	%100
48	M45	Z	-13.736	-13.736	0	%100
49	M46A	X	0	0	0	%100
50	M46A	Z	-4.664	-4.664	0	%100
51	M48	X	0	0	0	%100
52	M48	Z	-4.912	-4.912	0	%100
53	M50A	X	0	0	0	%100
54	M50A	Z	-13.736	-13.736	0	%100
55	M51C	X	0	0	0	%100
56	M51C	Z	-18.654	-18.654	0	%100
57	M53	X	0	0	0	%100
58	M53	Z	-19.648	-19.648	0	%100
59	M58A	X	0	0	0	%100
60	M58A	Z	-8.139	-8.139	0	%100
61	M59A	X	0	0	0	%100
62	M59A	Z	-2.296	-2.296	0	%100
63	M60	X	0	0	0	%100
64	M60	Z	-2.296	-2.296	0	%100
65	M61	X	0	0	0	%100
66	M61	Z	-4.579	-4.579	0	%100
67	M64	X	0	0	0	%100
68	M64	Z	-10.17	-10.17	0	%100
69	M65	X	0	0	0	%100
70	M65	Z	-2.542	-2.542	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
71	M69	X	0	0	0	%100
72	M69	Z	-13.736	-13.736	0	%100
73	M70	X	0	0	0	%100
74	M70	Z	-18.654	-18.654	0	%100
75	M72	X	0	0	0	%100
76	M72	Z	-19.648	-19.648	0	%100
77	M74	X	0	0	0	%100
78	M74	Z	-13.736	-13.736	0	%100
79	M75	X	0	0	0	%100
80	M75	Z	-4.664	-4.664	0	%100
81	M77A	X	0	0	0	%100
82	M77A	Z	-4.912	-4.912	0	%100
83	M82	X	0	0	0	%100
84	M82	Z	-2.671	-2.671	0	%100
85	MP3C	X	0	0	0	%100
86	MP3C	Z	-7.25	-7.25	0	%100
87	MP4C	X	0	0	0	%100
88	MP4C	Z	-7.25	-7.25	0	%100
89	MP2C	X	0	0	0	%100
90	MP2C	Z	-7.25	-7.25	0	%100
91	MP1C	X	0	0	0	%100
92	MP1C	Z	-7.25	-7.25	0	%100
93	M91A	X	0	0	0	%100
94	M91A	Z	-2.671	-2.671	0	%100
95	MP3B	X	0	0	0	%100
96	MP3B	Z	-7.25	-7.25	0	%100
97	MP4B	X	0	0	0	%100
98	MP4B	Z	-7.25	-7.25	0	%100
99	MP2B	X	0	0	0	%100
100	MP2B	Z	-7.25	-7.25	0	%100
101	MP1B	X	0	0	0	%100
102	MP1B	Z	-7.25	-7.25	0	%100
103	M100	X	0	0	0	%100
104	M100	Z	-8.776	-8.776	0	%100
105	M105	X	0	0	0	%100
106	M105	Z	-2.194	-2.194	0	%100
107	M110	X	0	0	0	%100
108	M110	Z	-2.194	-2.194	0	%100
109	M121	X	0	0	0	%100
110	M121	Z	-2.673	-2.673	0	%100
111	M122	X	0	0	0	%100
112	M122	Z	-2.673	-2.673	0	%100
113	M123	X	0	0	0	%100
114	M123	Z	-10.694	-10.694	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	4.006	4.006	0	%100
2	M1	Z	-6.939	-6.939	0	%100
3	M4	X	1.356	1.356	0	%100
4	M4	Z	-2.349	-2.349	0	%100
5	M10	X	3.443	3.443	0	%100
6	M10	Z	-5.964	-5.964	0	%100
7	MP3A	X	3.625	3.625	0	%100
8	MP3A	Z	-6.278	-6.278	0	%100
9	MP4A	X	3.625	3.625	0	%100
10	MP4A	Z	-6.278	-6.278	0	%100
11	MP2A	X	3.625	3.625	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
12	MP2A	Z	-6.278	-6.278	0	%100
13	MP1A	X	3.625	3.625	0	%100
14	MP1A	Z	-6.278	-6.278	0	%100
15	M43	X	3.443	3.443	0	%100
16	M43	Z	-5.964	-5.964	0	%100
17	M46	X	6.868	6.868	0	%100
18	M46	Z	-11.896	-11.896	0	%100
19	M51B	X	3.814	3.814	0	%100
20	M51B	Z	-6.606	-6.606	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	2.289	2.289	0	%100
24	M76	Z	-3.965	-3.965	0	%100
25	M77	X	6.995	6.995	0	%100
26	M77	Z	-12.116	-12.116	0	%100
27	M80	X	7.368	7.368	0	%100
28	M80	Z	-12.762	-12.762	0	%100
29	M84	X	2.289	2.289	0	%100
30	M84	Z	-3.965	-3.965	0	%100
31	M85	X	0	0	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	0	0	0	%100
35	M34	X	1.356	1.356	0	%100
36	M34	Z	-2.349	-2.349	0	%100
37	M35	X	3.443	3.443	0	%100
38	M35	Z	-5.964	-5.964	0	%100
39	M36	X	3.443	3.443	0	%100
40	M36	Z	-5.964	-5.964	0	%100
41	M37	X	6.868	6.868	0	%100
42	M37	Z	-11.896	-11.896	0	%100
43	M40	X	0	0	0	%100
44	M40	Z	0	0	0	%100
45	M41	X	3.814	3.814	0	%100
46	M41	Z	-6.606	-6.606	0	%100
47	M45	X	2.289	2.289	0	%100
48	M45	Z	-3.965	-3.965	0	%100
49	M46A	X	0	0	0	%100
50	M46A	Z	0	0	0	%100
51	M48	X	0	0	0	%100
52	M48	Z	0	0	0	%100
53	M50A	X	2.289	2.289	0	%100
54	M50A	Z	-3.965	-3.965	0	%100
55	M51C	X	6.995	6.995	0	%100
56	M51C	Z	-12.116	-12.116	0	%100
57	M53	X	7.368	7.368	0	%100
58	M53	Z	-12.762	-12.762	0	%100
59	M58A	X	5.426	5.426	0	%100
60	M58A	Z	-9.398	-9.398	0	%100
61	M59A	X	0	0	0	%100
62	M59A	Z	0	0	0	%100
63	M60	X	0	0	0	%100
64	M60	Z	0	0	0	%100
65	M61	X	0	0	0	%100
66	M61	Z	0	0	0	%100
67	M64	X	3.814	3.814	0	%100
68	M64	Z	-6.606	-6.606	0	%100
69	M65	X	3.814	3.814	0	%100
70	M65	Z	-6.606	-6.606	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
71	M69	X	9.158	9.158	0	%100
72	M69	Z	-15.861	-15.861	0	%100
73	M70	X	6.995	6.995	0	%100
74	M70	Z	-12.116	-12.116	0	%100
75	M72	X	7.368	7.368	0	%100
76	M72	Z	-12.762	-12.762	0	%100
77	M74	X	9.158	9.158	0	%100
78	M74	Z	-15.861	-15.861	0	%100
79	M75	X	6.995	6.995	0	%100
80	M75	Z	-12.116	-12.116	0	%100
81	M77A	X	7.368	7.368	0	%100
82	M77A	Z	-12.762	-12.762	0	%100
83	M82	X	4.006	4.006	0	%100
84	M82	Z	-6.939	-6.939	0	%100
85	MP3C	X	3.625	3.625	0	%100
86	MP3C	Z	-6.278	-6.278	0	%100
87	MP4C	X	3.625	3.625	0	%100
88	MP4C	Z	-6.278	-6.278	0	%100
89	MP2C	X	3.625	3.625	0	%100
90	MP2C	Z	-6.278	-6.278	0	%100
91	MP1C	X	3.625	3.625	0	%100
92	MP1C	Z	-6.278	-6.278	0	%100
93	M91A	X	0	0	0	%100
94	M91A	Z	0	0	0	%100
95	MP3B	X	3.625	3.625	0	%100
96	MP3B	Z	-6.278	-6.278	0	%100
97	MP4B	X	3.625	3.625	0	%100
98	MP4B	Z	-6.278	-6.278	0	%100
99	MP2B	X	3.625	3.625	0	%100
100	MP2B	Z	-6.278	-6.278	0	%100
101	MP1B	X	3.625	3.625	0	%100
102	MP1B	Z	-6.278	-6.278	0	%100
103	M100	X	3.291	3.291	0	%100
104	M100	Z	-5.7	-5.7	0	%100
105	M105	X	3.291	3.291	0	%100
106	M105	Z	-5.7	-5.7	0	%100
107	M110	X	0	0	0	%100
108	M110	Z	0	0	0	%100
109	M121	X	4.01	4.01	0	%100
110	M121	Z	-6.946	-6.946	0	%100
111	M122	X	0	0	0	%100
112	M122	Z	0	0	0	%100
113	M123	X	4.01	4.01	0	%100
114	M123	Z	-6.946	-6.946	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	2.313	2.313	0	%100
2	M1	Z	-1.335	-1.335	0	%100
3	M4	X	7.048	7.048	0	%100
4	M4	Z	-4.069	-4.069	0	%100
5	M10	X	1.988	1.988	0	%100
6	M10	Z	-1.148	-1.148	0	%100
7	MP3A	X	6.278	6.278	0	%100
8	MP3A	Z	-3.625	-3.625	0	%100
9	MP4A	X	6.278	6.278	0	%100
10	MP4A	Z	-3.625	-3.625	0	%100
11	MP2A	X	6.278	6.278	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
12	MP2A	Z	-3.625	-3.625	0	%100
13	MP1A	X	6.278	6.278	0	%100
14	MP1A	Z	-3.625	-3.625	0	%100
15	M43	X	1.988	1.988	0	%100
16	M43	Z	-1.148	-1.148	0	%100
17	M46	X	3.965	3.965	0	%100
18	M46	Z	-2.289	-2.289	0	%100
19	M51B	X	8.807	8.807	0	%100
20	M51B	Z	-5.085	-5.085	0	%100
21	M52B	X	2.202	2.202	0	%100
22	M52B	Z	-1.271	-1.271	0	%100
23	M76	X	11.896	11.896	0	%100
24	M76	Z	-6.868	-6.868	0	%100
25	M77	X	16.155	16.155	0	%100
26	M77	Z	-9.327	-9.327	0	%100
27	M80	X	17.016	17.016	0	%100
28	M80	Z	-9.824	-9.824	0	%100
29	M84	X	11.896	11.896	0	%100
30	M84	Z	-6.868	-6.868	0	%100
31	M85	X	4.039	4.039	0	%100
32	M85	Z	-2.332	-2.332	0	%100
33	M91	X	4.254	4.254	0	%100
34	M91	Z	-2.456	-2.456	0	%100
35	M34	X	0	0	0	%100
36	M34	Z	0	0	0	%100
37	M35	X	7.952	7.952	0	%100
38	M35	Z	-4.591	-4.591	0	%100
39	M36	X	7.952	7.952	0	%100
40	M36	Z	-4.591	-4.591	0	%100
41	M37	X	15.861	15.861	0	%100
42	M37	Z	-9.158	-9.158	0	%100
43	M40	X	2.202	2.202	0	%100
44	M40	Z	-1.271	-1.271	0	%100
45	M41	X	2.202	2.202	0	%100
46	M41	Z	-1.271	-1.271	0	%100
47	M45	X	0	0	0	%100
48	M45	Z	0	0	0	%100
49	M46A	X	4.039	4.039	0	%100
50	M46A	Z	-2.332	-2.332	0	%100
51	M48	X	4.254	4.254	0	%100
52	M48	Z	-2.456	-2.456	0	%100
53	M50A	X	0	0	0	%100
54	M50A	Z	0	0	0	%100
55	M51C	X	4.039	4.039	0	%100
56	M51C	Z	-2.332	-2.332	0	%100
57	M53	X	4.254	4.254	0	%100
58	M53	Z	-2.456	-2.456	0	%100
59	M58A	X	7.048	7.048	0	%100
60	M58A	Z	-4.069	-4.069	0	%100
61	M59A	X	1.988	1.988	0	%100
62	M59A	Z	-1.148	-1.148	0	%100
63	M60	X	1.988	1.988	0	%100
64	M60	Z	-1.148	-1.148	0	%100
65	M61	X	3.965	3.965	0	%100
66	M61	Z	-2.289	-2.289	0	%100
67	M64	X	2.202	2.202	0	%100
68	M64	Z	-1.271	-1.271	0	%100
69	M65	X	8.807	8.807	0	%100
70	M65	Z	-5.085	-5.085	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
71	M69	X	11.896	11.896	0	%100
72	M69	Z	-6.868	-6.868	0	%100
73	M70	X	4.039	4.039	0	%100
74	M70	Z	-2.332	-2.332	0	%100
75	M72	X	4.254	4.254	0	%100
76	M72	Z	-2.456	-2.456	0	%100
77	M74	X	11.896	11.896	0	%100
78	M74	Z	-6.868	-6.868	0	%100
79	M75	X	16.155	16.155	0	%100
80	M75	Z	-9.327	-9.327	0	%100
81	M77A	X	17.016	17.016	0	%100
82	M77A	Z	-9.824	-9.824	0	%100
83	M82	X	9.252	9.252	0	%100
84	M82	Z	-5.342	-5.342	0	%100
85	MP3C	X	6.278	6.278	0	%100
86	MP3C	Z	-3.625	-3.625	0	%100
87	MP4C	X	6.278	6.278	0	%100
88	MP4C	Z	-3.625	-3.625	0	%100
89	MP2C	X	6.278	6.278	0	%100
90	MP2C	Z	-3.625	-3.625	0	%100
91	MP1C	X	6.278	6.278	0	%100
92	MP1C	Z	-3.625	-3.625	0	%100
93	M91A	X	2.313	2.313	0	%100
94	M91A	Z	-1.335	-1.335	0	%100
95	MP3B	X	6.278	6.278	0	%100
96	MP3B	Z	-3.625	-3.625	0	%100
97	MP4B	X	6.278	6.278	0	%100
98	MP4B	Z	-3.625	-3.625	0	%100
99	MP2B	X	6.278	6.278	0	%100
100	MP2B	Z	-3.625	-3.625	0	%100
101	MP1B	X	6.278	6.278	0	%100
102	MP1B	Z	-3.625	-3.625	0	%100
103	M100	X	1.9	1.9	0	%100
104	M100	Z	-1.097	-1.097	0	%100
105	M105	X	7.6	7.6	0	%100
106	M105	Z	-4.388	-4.388	0	%100
107	M110	X	1.9	1.9	0	%100
108	M110	Z	-1.097	-1.097	0	%100
109	M121	X	9.261	9.261	0	%100
110	M121	Z	-5.347	-5.347	0	%100
111	M122	X	2.315	2.315	0	%100
112	M122	Z	-1.337	-1.337	0	%100
113	M123	X	2.315	2.315	0	%100
114	M123	Z	-1.337	-1.337	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	10.852	10.852	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	MP3A	X	7.25	7.25	0	%100
8	MP3A	Z	0	0	0	%100
9	MP4A	X	7.25	7.25	0	%100
10	MP4A	Z	0	0	0	%100
11	MP2A	X	7.25	7.25	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
12	MP2A	Z	0	0	0	%100
13	MP1A	X	7.25	7.25	0	%100
14	MP1A	Z	0	0	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	0	0	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	0	0	0	%100
19	M51B	X	7.627	7.627	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	7.627	7.627	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	18.315	18.315	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	13.991	13.991	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	14.736	14.736	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	18.315	18.315	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	13.991	13.991	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	14.736	14.736	0	%100
34	M91	Z	0	0	0	%100
35	M34	X	2.713	2.713	0	%100
36	M34	Z	0	0	0	%100
37	M35	X	6.887	6.887	0	%100
38	M35	Z	0	0	0	%100
39	M36	X	6.887	6.887	0	%100
40	M36	Z	0	0	0	%100
41	M37	X	13.736	13.736	0	%100
42	M37	Z	0	0	0	%100
43	M40	X	7.627	7.627	0	%100
44	M40	Z	0	0	0	%100
45	M41	X	0	0	0	%100
46	M41	Z	0	0	0	%100
47	M45	X	4.579	4.579	0	%100
48	M45	Z	0	0	0	%100
49	M46A	X	13.991	13.991	0	%100
50	M46A	Z	0	0	0	%100
51	M48	X	14.736	14.736	0	%100
52	M48	Z	0	0	0	%100
53	M50A	X	4.579	4.579	0	%100
54	M50A	Z	0	0	0	%100
55	M51C	X	0	0	0	%100
56	M51C	Z	0	0	0	%100
57	M53	X	0	0	0	%100
58	M53	Z	0	0	0	%100
59	M58A	X	2.713	2.713	0	%100
60	M58A	Z	0	0	0	%100
61	M59A	X	6.887	6.887	0	%100
62	M59A	Z	0	0	0	%100
63	M60	X	6.887	6.887	0	%100
64	M60	Z	0	0	0	%100
65	M61	X	13.736	13.736	0	%100
66	M61	Z	0	0	0	%100
67	M64	X	0	0	0	%100
68	M64	Z	0	0	0	%100
69	M65	X	7.627	7.627	0	%100
70	M65	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
71	M69	X	4.579	4.579	0	%100
72	M69	Z	0	0	0	%100
73	M70	X	0	0	0	%100
74	M70	Z	0	0	0	%100
75	M72	X	0	0	0	%100
76	M72	Z	0	0	0	%100
77	M74	X	4.579	4.579	0	%100
78	M74	Z	0	0	0	%100
79	M75	X	13.991	13.991	0	%100
80	M75	Z	0	0	0	%100
81	M77A	X	14.736	14.736	0	%100
82	M77A	Z	0	0	0	%100
83	M82	X	8.013	8.013	0	%100
84	M82	Z	0	0	0	%100
85	MP3C	X	7.25	7.25	0	%100
86	MP3C	Z	0	0	0	%100
87	MP4C	X	7.25	7.25	0	%100
88	MP4C	Z	0	0	0	%100
89	MP2C	X	7.25	7.25	0	%100
90	MP2C	Z	0	0	0	%100
91	MP1C	X	7.25	7.25	0	%100
92	MP1C	Z	0	0	0	%100
93	M91A	X	8.013	8.013	0	%100
94	M91A	Z	0	0	0	%100
95	MP3B	X	7.25	7.25	0	%100
96	MP3B	Z	0	0	0	%100
97	MP4B	X	7.25	7.25	0	%100
98	MP4B	Z	0	0	0	%100
99	MP2B	X	7.25	7.25	0	%100
100	MP2B	Z	0	0	0	%100
101	MP1B	X	7.25	7.25	0	%100
102	MP1B	Z	0	0	0	%100
103	M100	X	0	0	0	%100
104	M100	Z	0	0	0	%100
105	M105	X	6.582	6.582	0	%100
106	M105	Z	0	0	0	%100
107	M110	X	6.582	6.582	0	%100
108	M110	Z	0	0	0	%100
109	M121	X	8.02	8.02	0	%100
110	M121	Z	0	0	0	%100
111	M122	X	8.02	8.02	0	%100
112	M122	Z	0	0	0	%100
113	M123	X	0	0	0	%100
114	M123	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	2.313	2.313	0	%100
2	M1	Z	1.335	1.335	0	%100
3	M4	X	7.048	7.048	0	%100
4	M4	Z	4.069	4.069	0	%100
5	M10	X	1.988	1.988	0	%100
6	M10	Z	1.148	1.148	0	%100
7	MP3A	X	6.278	6.278	0	%100
8	MP3A	Z	3.625	3.625	0	%100
9	MP4A	X	6.278	6.278	0	%100
10	MP4A	Z	3.625	3.625	0	%100
11	MP2A	X	6.278	6.278	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
12	MP2A	Z	3.625	3.625	0	%100
13	MP1A	X	6.278	6.278	0	%100
14	MP1A	Z	3.625	3.625	0	%100
15	M43	X	1.988	1.988	0	%100
16	M43	Z	1.148	1.148	0	%100
17	M46	X	3.965	3.965	0	%100
18	M46	Z	2.289	2.289	0	%100
19	M51B	X	2.202	2.202	0	%100
20	M51B	Z	1.271	1.271	0	%100
21	M52B	X	8.807	8.807	0	%100
22	M52B	Z	5.085	5.085	0	%100
23	M76	X	11.896	11.896	0	%100
24	M76	Z	6.868	6.868	0	%100
25	M77	X	4.039	4.039	0	%100
26	M77	Z	2.332	2.332	0	%100
27	M80	X	4.254	4.254	0	%100
28	M80	Z	2.456	2.456	0	%100
29	M84	X	11.896	11.896	0	%100
30	M84	Z	6.868	6.868	0	%100
31	M85	X	16.155	16.155	0	%100
32	M85	Z	9.327	9.327	0	%100
33	M91	X	17.016	17.016	0	%100
34	M91	Z	9.824	9.824	0	%100
35	M34	X	7.048	7.048	0	%100
36	M34	Z	4.069	4.069	0	%100
37	M35	X	1.988	1.988	0	%100
38	M35	Z	1.148	1.148	0	%100
39	M36	X	1.988	1.988	0	%100
40	M36	Z	1.148	1.148	0	%100
41	M37	X	3.965	3.965	0	%100
42	M37	Z	2.289	2.289	0	%100
43	M40	X	8.807	8.807	0	%100
44	M40	Z	5.085	5.085	0	%100
45	M41	X	2.202	2.202	0	%100
46	M41	Z	1.271	1.271	0	%100
47	M45	X	11.896	11.896	0	%100
48	M45	Z	6.868	6.868	0	%100
49	M46A	X	16.155	16.155	0	%100
50	M46A	Z	9.327	9.327	0	%100
51	M48	X	17.016	17.016	0	%100
52	M48	Z	9.824	9.824	0	%100
53	M50A	X	11.896	11.896	0	%100
54	M50A	Z	6.868	6.868	0	%100
55	M51C	X	4.039	4.039	0	%100
56	M51C	Z	2.332	2.332	0	%100
57	M53	X	4.254	4.254	0	%100
58	M53	Z	2.456	2.456	0	%100
59	M58A	X	0	0	0	%100
60	M58A	Z	0	0	0	%100
61	M59A	X	7.952	7.952	0	%100
62	M59A	Z	4.591	4.591	0	%100
63	M60	X	7.952	7.952	0	%100
64	M60	Z	4.591	4.591	0	%100
65	M61	X	15.861	15.861	0	%100
66	M61	Z	9.158	9.158	0	%100
67	M64	X	2.202	2.202	0	%100
68	M64	Z	1.271	1.271	0	%100
69	M65	X	2.202	2.202	0	%100
70	M65	Z	1.271	1.271	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
71	M69	X	0	0	0	%100
72	M69	Z	0	0	0	%100
73	M70	X	4.039	4.039	0	%100
74	M70	Z	2.332	2.332	0	%100
75	M72	X	4.254	4.254	0	%100
76	M72	Z	2.456	2.456	0	%100
77	M74	X	0	0	0	%100
78	M74	Z	0	0	0	%100
79	M75	X	4.039	4.039	0	%100
80	M75	Z	2.332	2.332	0	%100
81	M77A	X	4.254	4.254	0	%100
82	M77A	Z	2.456	2.456	0	%100
83	M82	X	2.313	2.313	0	%100
84	M82	Z	1.335	1.335	0	%100
85	MP3C	X	6.278	6.278	0	%100
86	MP3C	Z	3.625	3.625	0	%100
87	MP4C	X	6.278	6.278	0	%100
88	MP4C	Z	3.625	3.625	0	%100
89	MP2C	X	6.278	6.278	0	%100
90	MP2C	Z	3.625	3.625	0	%100
91	MP1C	X	6.278	6.278	0	%100
92	MP1C	Z	3.625	3.625	0	%100
93	M91A	X	9.252	9.252	0	%100
94	M91A	Z	5.342	5.342	0	%100
95	MP3B	X	6.278	6.278	0	%100
96	MP3B	Z	3.625	3.625	0	%100
97	MP4B	X	6.278	6.278	0	%100
98	MP4B	Z	3.625	3.625	0	%100
99	MP2B	X	6.278	6.278	0	%100
100	MP2B	Z	3.625	3.625	0	%100
101	MP1B	X	6.278	6.278	0	%100
102	MP1B	Z	3.625	3.625	0	%100
103	M100	X	1.9	1.9	0	%100
104	M100	Z	1.097	1.097	0	%100
105	M105	X	1.9	1.9	0	%100
106	M105	Z	1.097	1.097	0	%100
107	M110	X	7.6	7.6	0	%100
108	M110	Z	4.388	4.388	0	%100
109	M121	X	2.315	2.315	0	%100
110	M121	Z	1.337	1.337	0	%100
111	M122	X	9.261	9.261	0	%100
112	M122	Z	5.347	5.347	0	%100
113	M123	X	2.315	2.315	0	%100
114	M123	Z	1.337	1.337	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	4.006	4.006	0	%100
2	M1	Z	6.939	6.939	0	%100
3	M4	X	1.356	1.356	0	%100
4	M4	Z	2.349	2.349	0	%100
5	M10	X	3.443	3.443	0	%100
6	M10	Z	5.964	5.964	0	%100
7	MP3A	X	3.625	3.625	0	%100
8	MP3A	Z	6.278	6.278	0	%100
9	MP4A	X	3.625	3.625	0	%100
10	MP4A	Z	6.278	6.278	0	%100
11	MP2A	X	3.625	3.625	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
12	MP2A	Z	6.278	6.278	0	%100
13	MP1A	X	3.625	3.625	0	%100
14	MP1A	Z	6.278	6.278	0	%100
15	M43	X	3.443	3.443	0	%100
16	M43	Z	5.964	5.964	0	%100
17	M46	X	6.868	6.868	0	%100
18	M46	Z	11.896	11.896	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	3.814	3.814	0	%100
22	M52B	Z	6.606	6.606	0	%100
23	M76	X	2.289	2.289	0	%100
24	M76	Z	3.965	3.965	0	%100
25	M77	X	0	0	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	2.289	2.289	0	%100
30	M84	Z	3.965	3.965	0	%100
31	M85	X	6.995	6.995	0	%100
32	M85	Z	12.116	12.116	0	%100
33	M91	X	7.368	7.368	0	%100
34	M91	Z	12.762	12.762	0	%100
35	M34	X	5.426	5.426	0	%100
36	M34	Z	9.398	9.398	0	%100
37	M35	X	0	0	0	%100
38	M35	Z	0	0	0	%100
39	M36	X	0	0	0	%100
40	M36	Z	0	0	0	%100
41	M37	X	0	0	0	%100
42	M37	Z	0	0	0	%100
43	M40	X	3.814	3.814	0	%100
44	M40	Z	6.606	6.606	0	%100
45	M41	X	3.814	3.814	0	%100
46	M41	Z	6.606	6.606	0	%100
47	M45	X	9.158	9.158	0	%100
48	M45	Z	15.861	15.861	0	%100
49	M46A	X	6.995	6.995	0	%100
50	M46A	Z	12.116	12.116	0	%100
51	M48	X	7.368	7.368	0	%100
52	M48	Z	12.762	12.762	0	%100
53	M50A	X	9.158	9.158	0	%100
54	M50A	Z	15.861	15.861	0	%100
55	M51C	X	6.995	6.995	0	%100
56	M51C	Z	12.116	12.116	0	%100
57	M53	X	7.368	7.368	0	%100
58	M53	Z	12.762	12.762	0	%100
59	M58A	X	1.356	1.356	0	%100
60	M58A	Z	2.349	2.349	0	%100
61	M59A	X	3.443	3.443	0	%100
62	M59A	Z	5.964	5.964	0	%100
63	M60	X	3.443	3.443	0	%100
64	M60	Z	5.964	5.964	0	%100
65	M61	X	6.868	6.868	0	%100
66	M61	Z	11.896	11.896	0	%100
67	M64	X	3.814	3.814	0	%100
68	M64	Z	6.606	6.606	0	%100
69	M65	X	0	0	0	%100
70	M65	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
71	M69	X	2.289	2.289	0	%100
72	M69	Z	3.965	3.965	0	%100
73	M70	X	6.995	6.995	0	%100
74	M70	Z	12.116	12.116	0	%100
75	M72	X	7.368	7.368	0	%100
76	M72	Z	12.762	12.762	0	%100
77	M74	X	2.289	2.289	0	%100
78	M74	Z	3.965	3.965	0	%100
79	M75	X	0	0	0	%100
80	M75	Z	0	0	0	%100
81	M77A	X	0	0	0	%100
82	M77A	Z	0	0	0	%100
83	M82	X	0	0	0	%100
84	M82	Z	0	0	0	%100
85	MP3C	X	3.625	3.625	0	%100
86	MP3C	Z	6.278	6.278	0	%100
87	MP4C	X	3.625	3.625	0	%100
88	MP4C	Z	6.278	6.278	0	%100
89	MP2C	X	3.625	3.625	0	%100
90	MP2C	Z	6.278	6.278	0	%100
91	MP1C	X	3.625	3.625	0	%100
92	MP1C	Z	6.278	6.278	0	%100
93	M91A	X	4.006	4.006	0	%100
94	M91A	Z	6.939	6.939	0	%100
95	MP3B	X	3.625	3.625	0	%100
96	MP3B	Z	6.278	6.278	0	%100
97	MP4B	X	3.625	3.625	0	%100
98	MP4B	Z	6.278	6.278	0	%100
99	MP2B	X	3.625	3.625	0	%100
100	MP2B	Z	6.278	6.278	0	%100
101	MP1B	X	3.625	3.625	0	%100
102	MP1B	Z	6.278	6.278	0	%100
103	M100	X	3.291	3.291	0	%100
104	M100	Z	5.7	5.7	0	%100
105	M105	X	0	0	0	%100
106	M105	Z	0	0	0	%100
107	M110	X	3.291	3.291	0	%100
108	M110	Z	5.7	5.7	0	%100
109	M121	X	0	0	0	%100
110	M121	Z	0	0	0	%100
111	M122	X	4.01	4.01	0	%100
112	M122	Z	6.946	6.946	0	%100
113	M123	X	4.01	4.01	0	%100
114	M123	Z	6.946	6.946	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	10.684	10.684	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	9.182	9.182	0	%100
7	MP3A	X	0	0	0	%100
8	MP3A	Z	7.25	7.25	0	%100
9	MP4A	X	0	0	0	%100
10	MP4A	Z	7.25	7.25	0	%100
11	MP2A	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
12	MP2A	Z	7.25	7.25	0	%100
13	MP1A	X	0	0	0	%100
14	MP1A	Z	7.25	7.25	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	9.182	9.182	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	18.315	18.315	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	2.542	2.542	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	2.542	2.542	0	%100
23	M76	X	0	0	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	0	0	0	%100
26	M77	Z	4.664	4.664	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	4.912	4.912	0	%100
29	M84	X	0	0	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	0	0	0	%100
32	M85	Z	4.664	4.664	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	4.912	4.912	0	%100
35	M34	X	0	0	0	%100
36	M34	Z	8.139	8.139	0	%100
37	M35	X	0	0	0	%100
38	M35	Z	2.296	2.296	0	%100
39	M36	X	0	0	0	%100
40	M36	Z	2.296	2.296	0	%100
41	M37	X	0	0	0	%100
42	M37	Z	4.579	4.579	0	%100
43	M40	X	0	0	0	%100
44	M40	Z	2.542	2.542	0	%100
45	M41	X	0	0	0	%100
46	M41	Z	10.17	10.17	0	%100
47	M45	X	0	0	0	%100
48	M45	Z	13.736	13.736	0	%100
49	M46A	X	0	0	0	%100
50	M46A	Z	4.664	4.664	0	%100
51	M48	X	0	0	0	%100
52	M48	Z	4.912	4.912	0	%100
53	M50A	X	0	0	0	%100
54	M50A	Z	13.736	13.736	0	%100
55	M51C	X	0	0	0	%100
56	M51C	Z	18.654	18.654	0	%100
57	M53	X	0	0	0	%100
58	M53	Z	19.648	19.648	0	%100
59	M58A	X	0	0	0	%100
60	M58A	Z	8.139	8.139	0	%100
61	M59A	X	0	0	0	%100
62	M59A	Z	2.296	2.296	0	%100
63	M60	X	0	0	0	%100
64	M60	Z	2.296	2.296	0	%100
65	M61	X	0	0	0	%100
66	M61	Z	4.579	4.579	0	%100
67	M64	X	0	0	0	%100
68	M64	Z	10.17	10.17	0	%100
69	M65	X	0	0	0	%100
70	M65	Z	2.542	2.542	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
71	M69	X	0	0	0	%100
72	M69	Z	13.736	13.736	0	%100
73	M70	X	0	0	0	%100
74	M70	Z	18.654	18.654	0	%100
75	M72	X	0	0	0	%100
76	M72	Z	19.648	19.648	0	%100
77	M74	X	0	0	0	%100
78	M74	Z	13.736	13.736	0	%100
79	M75	X	0	0	0	%100
80	M75	Z	4.664	4.664	0	%100
81	M77A	X	0	0	0	%100
82	M77A	Z	4.912	4.912	0	%100
83	M82	X	0	0	0	%100
84	M82	Z	2.671	2.671	0	%100
85	MP3C	X	0	0	0	%100
86	MP3C	Z	7.25	7.25	0	%100
87	MP4C	X	0	0	0	%100
88	MP4C	Z	7.25	7.25	0	%100
89	MP2C	X	0	0	0	%100
90	MP2C	Z	7.25	7.25	0	%100
91	MP1C	X	0	0	0	%100
92	MP1C	Z	7.25	7.25	0	%100
93	M91A	X	0	0	0	%100
94	M91A	Z	2.671	2.671	0	%100
95	MP3B	X	0	0	0	%100
96	MP3B	Z	7.25	7.25	0	%100
97	MP4B	X	0	0	0	%100
98	MP4B	Z	7.25	7.25	0	%100
99	MP2B	X	0	0	0	%100
100	MP2B	Z	7.25	7.25	0	%100
101	MP1B	X	0	0	0	%100
102	MP1B	Z	7.25	7.25	0	%100
103	M100	X	0	0	0	%100
104	M100	Z	8.776	8.776	0	%100
105	M105	X	0	0	0	%100
106	M105	Z	2.194	2.194	0	%100
107	M110	X	0	0	0	%100
108	M110	Z	2.194	2.194	0	%100
109	M121	X	0	0	0	%100
110	M121	Z	2.673	2.673	0	%100
111	M122	X	0	0	0	%100
112	M122	Z	2.673	2.673	0	%100
113	M123	X	0	0	0	%100
114	M123	Z	10.694	10.694	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-4.006	-4.006	0	%100
2	M1	Z	6.939	6.939	0	%100
3	M4	X	-1.356	-1.356	0	%100
4	M4	Z	2.349	2.349	0	%100
5	M10	X	-3.443	-3.443	0	%100
6	M10	Z	5.964	5.964	0	%100
7	MP3A	X	-3.625	-3.625	0	%100
8	MP3A	Z	6.278	6.278	0	%100
9	MP4A	X	-3.625	-3.625	0	%100
10	MP4A	Z	6.278	6.278	0	%100
11	MP2A	X	-3.625	-3.625	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
12	MP2A	Z	6.278	6.278	0	%100
13	MP1A	X	-3.625	-3.625	0	%100
14	MP1A	Z	6.278	6.278	0	%100
15	M43	X	-3.443	-3.443	0	%100
16	M43	Z	5.964	5.964	0	%100
17	M46	X	-6.868	-6.868	0	%100
18	M46	Z	11.896	11.896	0	%100
19	M51B	X	-3.814	-3.814	0	%100
20	M51B	Z	6.606	6.606	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	-2.289	-2.289	0	%100
24	M76	Z	3.965	3.965	0	%100
25	M77	X	-6.995	-6.995	0	%100
26	M77	Z	12.116	12.116	0	%100
27	M80	X	-7.368	-7.368	0	%100
28	M80	Z	12.762	12.762	0	%100
29	M84	X	-2.289	-2.289	0	%100
30	M84	Z	3.965	3.965	0	%100
31	M85	X	0	0	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	0	0	0	%100
35	M34	X	-1.356	-1.356	0	%100
36	M34	Z	2.349	2.349	0	%100
37	M35	X	-3.443	-3.443	0	%100
38	M35	Z	5.964	5.964	0	%100
39	M36	X	-3.443	-3.443	0	%100
40	M36	Z	5.964	5.964	0	%100
41	M37	X	-6.868	-6.868	0	%100
42	M37	Z	11.896	11.896	0	%100
43	M40	X	0	0	0	%100
44	M40	Z	0	0	0	%100
45	M41	X	-3.814	-3.814	0	%100
46	M41	Z	6.606	6.606	0	%100
47	M45	X	-2.289	-2.289	0	%100
48	M45	Z	3.965	3.965	0	%100
49	M46A	X	0	0	0	%100
50	M46A	Z	0	0	0	%100
51	M48	X	0	0	0	%100
52	M48	Z	0	0	0	%100
53	M50A	X	-2.289	-2.289	0	%100
54	M50A	Z	3.965	3.965	0	%100
55	M51C	X	-6.995	-6.995	0	%100
56	M51C	Z	12.116	12.116	0	%100
57	M53	X	-7.368	-7.368	0	%100
58	M53	Z	12.762	12.762	0	%100
59	M58A	X	-5.426	-5.426	0	%100
60	M58A	Z	9.398	9.398	0	%100
61	M59A	X	0	0	0	%100
62	M59A	Z	0	0	0	%100
63	M60	X	0	0	0	%100
64	M60	Z	0	0	0	%100
65	M61	X	0	0	0	%100
66	M61	Z	0	0	0	%100
67	M64	X	-3.814	-3.814	0	%100
68	M64	Z	6.606	6.606	0	%100
69	M65	X	-3.814	-3.814	0	%100
70	M65	Z	6.606	6.606	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
71	M69	X	-9.158	-9.158	0	%100
72	M69	Z	15.861	15.861	0	%100
73	M70	X	-6.995	-6.995	0	%100
74	M70	Z	12.116	12.116	0	%100
75	M72	X	-7.368	-7.368	0	%100
76	M72	Z	12.762	12.762	0	%100
77	M74	X	-9.158	-9.158	0	%100
78	M74	Z	15.861	15.861	0	%100
79	M75	X	-6.995	-6.995	0	%100
80	M75	Z	12.116	12.116	0	%100
81	M77A	X	-7.368	-7.368	0	%100
82	M77A	Z	12.762	12.762	0	%100
83	M82	X	-4.006	-4.006	0	%100
84	M82	Z	6.939	6.939	0	%100
85	MP3C	X	-3.625	-3.625	0	%100
86	MP3C	Z	6.278	6.278	0	%100
87	MP4C	X	-3.625	-3.625	0	%100
88	MP4C	Z	6.278	6.278	0	%100
89	MP2C	X	-3.625	-3.625	0	%100
90	MP2C	Z	6.278	6.278	0	%100
91	MP1C	X	-3.625	-3.625	0	%100
92	MP1C	Z	6.278	6.278	0	%100
93	M91A	X	0	0	0	%100
94	M91A	Z	0	0	0	%100
95	MP3B	X	-3.625	-3.625	0	%100
96	MP3B	Z	6.278	6.278	0	%100
97	MP4B	X	-3.625	-3.625	0	%100
98	MP4B	Z	6.278	6.278	0	%100
99	MP2B	X	-3.625	-3.625	0	%100
100	MP2B	Z	6.278	6.278	0	%100
101	MP1B	X	-3.625	-3.625	0	%100
102	MP1B	Z	6.278	6.278	0	%100
103	M100	X	-3.291	-3.291	0	%100
104	M100	Z	5.7	5.7	0	%100
105	M105	X	-3.291	-3.291	0	%100
106	M105	Z	5.7	5.7	0	%100
107	M110	X	0	0	0	%100
108	M110	Z	0	0	0	%100
109	M121	X	-4.01	-4.01	0	%100
110	M121	Z	6.946	6.946	0	%100
111	M122	X	0	0	0	%100
112	M122	Z	0	0	0	%100
113	M123	X	-4.01	-4.01	0	%100
114	M123	Z	6.946	6.946	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-2.313	-2.313	0	%100
2	M1	Z	1.335	1.335	0	%100
3	M4	X	-7.048	-7.048	0	%100
4	M4	Z	4.069	4.069	0	%100
5	M10	X	-1.988	-1.988	0	%100
6	M10	Z	1.148	1.148	0	%100
7	MP3A	X	-6.278	-6.278	0	%100
8	MP3A	Z	3.625	3.625	0	%100
9	MP4A	X	-6.278	-6.278	0	%100
10	MP4A	Z	3.625	3.625	0	%100
11	MP2A	X	-6.278	-6.278	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
12	MP2A	Z	3.625	3.625	0	%100
13	MP1A	X	-6.278	-6.278	0	%100
14	MP1A	Z	3.625	3.625	0	%100
15	M43	X	-1.988	-1.988	0	%100
16	M43	Z	1.148	1.148	0	%100
17	M46	X	-3.965	-3.965	0	%100
18	M46	Z	2.289	2.289	0	%100
19	M51B	X	-8.807	-8.807	0	%100
20	M51B	Z	5.085	5.085	0	%100
21	M52B	X	-2.202	-2.202	0	%100
22	M52B	Z	1.271	1.271	0	%100
23	M76	X	-11.896	-11.896	0	%100
24	M76	Z	6.868	6.868	0	%100
25	M77	X	-16.155	-16.155	0	%100
26	M77	Z	9.327	9.327	0	%100
27	M80	X	-17.016	-17.016	0	%100
28	M80	Z	9.824	9.824	0	%100
29	M84	X	-11.896	-11.896	0	%100
30	M84	Z	6.868	6.868	0	%100
31	M85	X	-4.039	-4.039	0	%100
32	M85	Z	2.332	2.332	0	%100
33	M91	X	-4.254	-4.254	0	%100
34	M91	Z	2.456	2.456	0	%100
35	M34	X	0	0	0	%100
36	M34	Z	0	0	0	%100
37	M35	X	-7.952	-7.952	0	%100
38	M35	Z	4.591	4.591	0	%100
39	M36	X	-7.952	-7.952	0	%100
40	M36	Z	4.591	4.591	0	%100
41	M37	X	-15.861	-15.861	0	%100
42	M37	Z	9.158	9.158	0	%100
43	M40	X	-2.202	-2.202	0	%100
44	M40	Z	1.271	1.271	0	%100
45	M41	X	-2.202	-2.202	0	%100
46	M41	Z	1.271	1.271	0	%100
47	M45	X	0	0	0	%100
48	M45	Z	0	0	0	%100
49	M46A	X	-4.039	-4.039	0	%100
50	M46A	Z	2.332	2.332	0	%100
51	M48	X	-4.254	-4.254	0	%100
52	M48	Z	2.456	2.456	0	%100
53	M50A	X	0	0	0	%100
54	M50A	Z	0	0	0	%100
55	M51C	X	-4.039	-4.039	0	%100
56	M51C	Z	2.332	2.332	0	%100
57	M53	X	-4.254	-4.254	0	%100
58	M53	Z	2.456	2.456	0	%100
59	M58A	X	-7.048	-7.048	0	%100
60	M58A	Z	4.069	4.069	0	%100
61	M59A	X	-1.988	-1.988	0	%100
62	M59A	Z	1.148	1.148	0	%100
63	M60	X	-1.988	-1.988	0	%100
64	M60	Z	1.148	1.148	0	%100
65	M61	X	-3.965	-3.965	0	%100
66	M61	Z	2.289	2.289	0	%100
67	M64	X	-2.202	-2.202	0	%100
68	M64	Z	1.271	1.271	0	%100
69	M65	X	-8.807	-8.807	0	%100
70	M65	Z	5.085	5.085	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
71	M69	X	-11.896	-11.896	0	%100
72	M69	Z	6.868	6.868	0	%100
73	M70	X	-4.039	-4.039	0	%100
74	M70	Z	2.332	2.332	0	%100
75	M72	X	-4.254	-4.254	0	%100
76	M72	Z	2.456	2.456	0	%100
77	M74	X	-11.896	-11.896	0	%100
78	M74	Z	6.868	6.868	0	%100
79	M75	X	-16.155	-16.155	0	%100
80	M75	Z	9.327	9.327	0	%100
81	M77A	X	-17.016	-17.016	0	%100
82	M77A	Z	9.824	9.824	0	%100
83	M82	X	-9.252	-9.252	0	%100
84	M82	Z	5.342	5.342	0	%100
85	MP3C	X	-6.278	-6.278	0	%100
86	MP3C	Z	3.625	3.625	0	%100
87	MP4C	X	-6.278	-6.278	0	%100
88	MP4C	Z	3.625	3.625	0	%100
89	MP2C	X	-6.278	-6.278	0	%100
90	MP2C	Z	3.625	3.625	0	%100
91	MP1C	X	-6.278	-6.278	0	%100
92	MP1C	Z	3.625	3.625	0	%100
93	M91A	X	-2.313	-2.313	0	%100
94	M91A	Z	1.335	1.335	0	%100
95	MP3B	X	-6.278	-6.278	0	%100
96	MP3B	Z	3.625	3.625	0	%100
97	MP4B	X	-6.278	-6.278	0	%100
98	MP4B	Z	3.625	3.625	0	%100
99	MP2B	X	-6.278	-6.278	0	%100
100	MP2B	Z	3.625	3.625	0	%100
101	MP1B	X	-6.278	-6.278	0	%100
102	MP1B	Z	3.625	3.625	0	%100
103	M100	X	-1.9	-1.9	0	%100
104	M100	Z	1.097	1.097	0	%100
105	M105	X	-7.6	-7.6	0	%100
106	M105	Z	4.388	4.388	0	%100
107	M110	X	-1.9	-1.9	0	%100
108	M110	Z	1.097	1.097	0	%100
109	M121	X	-9.261	-9.261	0	%100
110	M121	Z	5.347	5.347	0	%100
111	M122	X	-2.315	-2.315	0	%100
112	M122	Z	1.337	1.337	0	%100
113	M123	X	-2.315	-2.315	0	%100
114	M123	Z	1.337	1.337	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	-10.852	-10.852	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	MP3A	X	-7.25	-7.25	0	%100
8	MP3A	Z	0	0	0	%100
9	MP4A	X	-7.25	-7.25	0	%100
10	MP4A	Z	0	0	0	%100
11	MP2A	X	-7.25	-7.25	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
12	MP2A	Z	0	0	0	%100
13	MP1A	X	-7.25	-7.25	0	%100
14	MP1A	Z	0	0	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	0	0	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	0	0	0	%100
19	M51B	X	-7.627	-7.627	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	-7.627	-7.627	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	-18.315	-18.315	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	-13.991	-13.991	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	-14.736	-14.736	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	-18.315	-18.315	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	-13.991	-13.991	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	-14.736	-14.736	0	%100
34	M91	Z	0	0	0	%100
35	M34	X	-2.713	-2.713	0	%100
36	M34	Z	0	0	0	%100
37	M35	X	-6.887	-6.887	0	%100
38	M35	Z	0	0	0	%100
39	M36	X	-6.887	-6.887	0	%100
40	M36	Z	0	0	0	%100
41	M37	X	-13.736	-13.736	0	%100
42	M37	Z	0	0	0	%100
43	M40	X	-7.627	-7.627	0	%100
44	M40	Z	0	0	0	%100
45	M41	X	0	0	0	%100
46	M41	Z	0	0	0	%100
47	M45	X	-4.579	-4.579	0	%100
48	M45	Z	0	0	0	%100
49	M46A	X	-13.991	-13.991	0	%100
50	M46A	Z	0	0	0	%100
51	M48	X	-14.736	-14.736	0	%100
52	M48	Z	0	0	0	%100
53	M50A	X	-4.579	-4.579	0	%100
54	M50A	Z	0	0	0	%100
55	M51C	X	0	0	0	%100
56	M51C	Z	0	0	0	%100
57	M53	X	0	0	0	%100
58	M53	Z	0	0	0	%100
59	M58A	X	-2.713	-2.713	0	%100
60	M58A	Z	0	0	0	%100
61	M59A	X	-6.887	-6.887	0	%100
62	M59A	Z	0	0	0	%100
63	M60	X	-6.887	-6.887	0	%100
64	M60	Z	0	0	0	%100
65	M61	X	-13.736	-13.736	0	%100
66	M61	Z	0	0	0	%100
67	M64	X	0	0	0	%100
68	M64	Z	0	0	0	%100
69	M65	X	-7.627	-7.627	0	%100
70	M65	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
71	M69	X	-4.579	-4.579	0	%100
72	M69	Z	0	0	0	%100
73	M70	X	0	0	0	%100
74	M70	Z	0	0	0	%100
75	M72	X	0	0	0	%100
76	M72	Z	0	0	0	%100
77	M74	X	-4.579	-4.579	0	%100
78	M74	Z	0	0	0	%100
79	M75	X	-13.991	-13.991	0	%100
80	M75	Z	0	0	0	%100
81	M77A	X	-14.736	-14.736	0	%100
82	M77A	Z	0	0	0	%100
83	M82	X	-8.013	-8.013	0	%100
84	M82	Z	0	0	0	%100
85	MP3C	X	-7.25	-7.25	0	%100
86	MP3C	Z	0	0	0	%100
87	MP4C	X	-7.25	-7.25	0	%100
88	MP4C	Z	0	0	0	%100
89	MP2C	X	-7.25	-7.25	0	%100
90	MP2C	Z	0	0	0	%100
91	MP1C	X	-7.25	-7.25	0	%100
92	MP1C	Z	0	0	0	%100
93	M91A	X	-8.013	-8.013	0	%100
94	M91A	Z	0	0	0	%100
95	MP3B	X	-7.25	-7.25	0	%100
96	MP3B	Z	0	0	0	%100
97	MP4B	X	-7.25	-7.25	0	%100
98	MP4B	Z	0	0	0	%100
99	MP2B	X	-7.25	-7.25	0	%100
100	MP2B	Z	0	0	0	%100
101	MP1B	X	-7.25	-7.25	0	%100
102	MP1B	Z	0	0	0	%100
103	M100	X	0	0	0	%100
104	M100	Z	0	0	0	%100
105	M105	X	-6.582	-6.582	0	%100
106	M105	Z	0	0	0	%100
107	M110	X	-6.582	-6.582	0	%100
108	M110	Z	0	0	0	%100
109	M121	X	-8.02	-8.02	0	%100
110	M121	Z	0	0	0	%100
111	M122	X	-8.02	-8.02	0	%100
112	M122	Z	0	0	0	%100
113	M123	X	0	0	0	%100
114	M123	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-2.313	-2.313	0	%100
2	M1	Z	-1.335	-1.335	0	%100
3	M4	X	-7.048	-7.048	0	%100
4	M4	Z	-4.069	-4.069	0	%100
5	M10	X	-1.988	-1.988	0	%100
6	M10	Z	-1.148	-1.148	0	%100
7	MP3A	X	-6.278	-6.278	0	%100
8	MP3A	Z	-3.625	-3.625	0	%100
9	MP4A	X	-6.278	-6.278	0	%100
10	MP4A	Z	-3.625	-3.625	0	%100
11	MP2A	X	-6.278	-6.278	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
12	MP2A	Z	-3.625	-3.625	0	%100
13	MP1A	X	-6.278	-6.278	0	%100
14	MP1A	Z	-3.625	-3.625	0	%100
15	M43	X	-1.988	-1.988	0	%100
16	M43	Z	-1.148	-1.148	0	%100
17	M46	X	-3.965	-3.965	0	%100
18	M46	Z	-2.289	-2.289	0	%100
19	M51B	X	-2.202	-2.202	0	%100
20	M51B	Z	-1.271	-1.271	0	%100
21	M52B	X	-8.807	-8.807	0	%100
22	M52B	Z	-5.085	-5.085	0	%100
23	M76	X	-11.896	-11.896	0	%100
24	M76	Z	-6.868	-6.868	0	%100
25	M77	X	-4.039	-4.039	0	%100
26	M77	Z	-2.332	-2.332	0	%100
27	M80	X	-4.254	-4.254	0	%100
28	M80	Z	-2.456	-2.456	0	%100
29	M84	X	-11.896	-11.896	0	%100
30	M84	Z	-6.868	-6.868	0	%100
31	M85	X	-16.155	-16.155	0	%100
32	M85	Z	-9.327	-9.327	0	%100
33	M91	X	-17.016	-17.016	0	%100
34	M91	Z	-9.824	-9.824	0	%100
35	M34	X	-7.048	-7.048	0	%100
36	M34	Z	-4.069	-4.069	0	%100
37	M35	X	-1.988	-1.988	0	%100
38	M35	Z	-1.148	-1.148	0	%100
39	M36	X	-1.988	-1.988	0	%100
40	M36	Z	-1.148	-1.148	0	%100
41	M37	X	-3.965	-3.965	0	%100
42	M37	Z	-2.289	-2.289	0	%100
43	M40	X	-8.807	-8.807	0	%100
44	M40	Z	-5.085	-5.085	0	%100
45	M41	X	-2.202	-2.202	0	%100
46	M41	Z	-1.271	-1.271	0	%100
47	M45	X	-11.896	-11.896	0	%100
48	M45	Z	-6.868	-6.868	0	%100
49	M46A	X	-16.155	-16.155	0	%100
50	M46A	Z	-9.327	-9.327	0	%100
51	M48	X	-17.016	-17.016	0	%100
52	M48	Z	-9.824	-9.824	0	%100
53	M50A	X	-11.896	-11.896	0	%100
54	M50A	Z	-6.868	-6.868	0	%100
55	M51C	X	-4.039	-4.039	0	%100
56	M51C	Z	-2.332	-2.332	0	%100
57	M53	X	-4.254	-4.254	0	%100
58	M53	Z	-2.456	-2.456	0	%100
59	M58A	X	0	0	0	%100
60	M58A	Z	0	0	0	%100
61	M59A	X	-7.952	-7.952	0	%100
62	M59A	Z	-4.591	-4.591	0	%100
63	M60	X	-7.952	-7.952	0	%100
64	M60	Z	-4.591	-4.591	0	%100
65	M61	X	-15.861	-15.861	0	%100
66	M61	Z	-9.158	-9.158	0	%100
67	M64	X	-2.202	-2.202	0	%100
68	M64	Z	-1.271	-1.271	0	%100
69	M65	X	-2.202	-2.202	0	%100
70	M65	Z	-1.271	-1.271	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
71	M69	X	0	0	0	%100
72	M69	Z	0	0	0	%100
73	M70	X	-4.039	-4.039	0	%100
74	M70	Z	-2.332	-2.332	0	%100
75	M72	X	-4.254	-4.254	0	%100
76	M72	Z	-2.456	-2.456	0	%100
77	M74	X	0	0	0	%100
78	M74	Z	0	0	0	%100
79	M75	X	-4.039	-4.039	0	%100
80	M75	Z	-2.332	-2.332	0	%100
81	M77A	X	-4.254	-4.254	0	%100
82	M77A	Z	-2.456	-2.456	0	%100
83	M82	X	-2.313	-2.313	0	%100
84	M82	Z	-1.335	-1.335	0	%100
85	MP3C	X	-6.278	-6.278	0	%100
86	MP3C	Z	-3.625	-3.625	0	%100
87	MP4C	X	-6.278	-6.278	0	%100
88	MP4C	Z	-3.625	-3.625	0	%100
89	MP2C	X	-6.278	-6.278	0	%100
90	MP2C	Z	-3.625	-3.625	0	%100
91	MP1C	X	-6.278	-6.278	0	%100
92	MP1C	Z	-3.625	-3.625	0	%100
93	M91A	X	-9.252	-9.252	0	%100
94	M91A	Z	-5.342	-5.342	0	%100
95	MP3B	X	-6.278	-6.278	0	%100
96	MP3B	Z	-3.625	-3.625	0	%100
97	MP4B	X	-6.278	-6.278	0	%100
98	MP4B	Z	-3.625	-3.625	0	%100
99	MP2B	X	-6.278	-6.278	0	%100
100	MP2B	Z	-3.625	-3.625	0	%100
101	MP1B	X	-6.278	-6.278	0	%100
102	MP1B	Z	-3.625	-3.625	0	%100
103	M100	X	-1.9	-1.9	0	%100
104	M100	Z	-1.097	-1.097	0	%100
105	M105	X	-1.9	-1.9	0	%100
106	M105	Z	-1.097	-1.097	0	%100
107	M110	X	-7.6	-7.6	0	%100
108	M110	Z	-4.388	-4.388	0	%100
109	M121	X	-2.315	-2.315	0	%100
110	M121	Z	-1.337	-1.337	0	%100
111	M122	X	-9.261	-9.261	0	%100
112	M122	Z	-5.347	-5.347	0	%100
113	M123	X	-2.315	-2.315	0	%100
114	M123	Z	-1.337	-1.337	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-4.006	-4.006	0	%100
2	M1	Z	-6.939	-6.939	0	%100
3	M4	X	-1.356	-1.356	0	%100
4	M4	Z	-2.349	-2.349	0	%100
5	M10	X	-3.443	-3.443	0	%100
6	M10	Z	-5.964	-5.964	0	%100
7	MP3A	X	-3.625	-3.625	0	%100
8	MP3A	Z	-6.278	-6.278	0	%100
9	MP4A	X	-3.625	-3.625	0	%100
10	MP4A	Z	-6.278	-6.278	0	%100
11	MP2A	X	-3.625	-3.625	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
12	MP2A	Z	-6.278	-6.278	0	%100
13	MP1A	X	-3.625	-3.625	0	%100
14	MP1A	Z	-6.278	-6.278	0	%100
15	M43	X	-3.443	-3.443	0	%100
16	M43	Z	-5.964	-5.964	0	%100
17	M46	X	-6.868	-6.868	0	%100
18	M46	Z	-11.896	-11.896	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	-3.814	-3.814	0	%100
22	M52B	Z	-6.606	-6.606	0	%100
23	M76	X	-2.289	-2.289	0	%100
24	M76	Z	-3.965	-3.965	0	%100
25	M77	X	0	0	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	-2.289	-2.289	0	%100
30	M84	Z	-3.965	-3.965	0	%100
31	M85	X	-6.995	-6.995	0	%100
32	M85	Z	-12.116	-12.116	0	%100
33	M91	X	-7.368	-7.368	0	%100
34	M91	Z	-12.762	-12.762	0	%100
35	M34	X	-5.426	-5.426	0	%100
36	M34	Z	-9.398	-9.398	0	%100
37	M35	X	0	0	0	%100
38	M35	Z	0	0	0	%100
39	M36	X	0	0	0	%100
40	M36	Z	0	0	0	%100
41	M37	X	0	0	0	%100
42	M37	Z	0	0	0	%100
43	M40	X	-3.814	-3.814	0	%100
44	M40	Z	-6.606	-6.606	0	%100
45	M41	X	-3.814	-3.814	0	%100
46	M41	Z	-6.606	-6.606	0	%100
47	M45	X	-9.158	-9.158	0	%100
48	M45	Z	-15.861	-15.861	0	%100
49	M46A	X	-6.995	-6.995	0	%100
50	M46A	Z	-12.116	-12.116	0	%100
51	M48	X	-7.368	-7.368	0	%100
52	M48	Z	-12.762	-12.762	0	%100
53	M50A	X	-9.158	-9.158	0	%100
54	M50A	Z	-15.861	-15.861	0	%100
55	M51C	X	-6.995	-6.995	0	%100
56	M51C	Z	-12.116	-12.116	0	%100
57	M53	X	-7.368	-7.368	0	%100
58	M53	Z	-12.762	-12.762	0	%100
59	M58A	X	-1.356	-1.356	0	%100
60	M58A	Z	-2.349	-2.349	0	%100
61	M59A	X	-3.443	-3.443	0	%100
62	M59A	Z	-5.964	-5.964	0	%100
63	M60	X	-3.443	-3.443	0	%100
64	M60	Z	-5.964	-5.964	0	%100
65	M61	X	-6.868	-6.868	0	%100
66	M61	Z	-11.896	-11.896	0	%100
67	M64	X	-3.814	-3.814	0	%100
68	M64	Z	-6.606	-6.606	0	%100
69	M65	X	0	0	0	%100
70	M65	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,...	Start Location[ft,%]	End Location[ft,%]
71	M69	X	-2.289	-2.289	0	%100
72	M69	Z	-3.965	-3.965	0	%100
73	M70	X	-6.995	-6.995	0	%100
74	M70	Z	-12.116	-12.116	0	%100
75	M72	X	-7.368	-7.368	0	%100
76	M72	Z	-12.762	-12.762	0	%100
77	M74	X	-2.289	-2.289	0	%100
78	M74	Z	-3.965	-3.965	0	%100
79	M75	X	0	0	0	%100
80	M75	Z	0	0	0	%100
81	M77A	X	0	0	0	%100
82	M77A	Z	0	0	0	%100
83	M82	X	0	0	0	%100
84	M82	Z	0	0	0	%100
85	MP3C	X	-3.625	-3.625	0	%100
86	MP3C	Z	-6.278	-6.278	0	%100
87	MP4C	X	-3.625	-3.625	0	%100
88	MP4C	Z	-6.278	-6.278	0	%100
89	MP2C	X	-3.625	-3.625	0	%100
90	MP2C	Z	-6.278	-6.278	0	%100
91	MP1C	X	-3.625	-3.625	0	%100
92	MP1C	Z	-6.278	-6.278	0	%100
93	M91A	X	-4.006	-4.006	0	%100
94	M91A	Z	-6.939	-6.939	0	%100
95	MP3B	X	-3.625	-3.625	0	%100
96	MP3B	Z	-6.278	-6.278	0	%100
97	MP4B	X	-3.625	-3.625	0	%100
98	MP4B	Z	-6.278	-6.278	0	%100
99	MP2B	X	-3.625	-3.625	0	%100
100	MP2B	Z	-6.278	-6.278	0	%100
101	MP1B	X	-3.625	-3.625	0	%100
102	MP1B	Z	-6.278	-6.278	0	%100
103	M100	X	-3.291	-3.291	0	%100
104	M100	Z	-5.7	-5.7	0	%100
105	M105	X	0	0	0	%100
106	M105	Z	0	0	0	%100
107	M110	X	-3.291	-3.291	0	%100
108	M110	Z	-5.7	-5.7	0	%100
109	M121	X	0	0	0	%100
110	M121	Z	0	0	0	%100
111	M122	X	-4.01	-4.01	0	%100
112	M122	Z	-6.946	-6.946	0	%100
113	M123	X	-4.01	-4.01	0	%100
114	M123	Z	-6.946	-6.946	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	-3.043	-3.043	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	-2.512	-2.512	0	%100
7	MP3A	X	0	0	0	%100
8	MP3A	Z	-2.447	-2.447	0	%100
9	MP4A	X	0	0	0	%100
10	MP4A	Z	-2.447	-2.447	0	%100
11	MP2A	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
12	MP2A	Z	-2.447	-2.447	0	%100
13	MP1A	X	0	0	0	%100
14	MP1A	Z	-2.447	-2.447	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	-2.512	-2.512	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	-3.939	-3.939	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	-.724	-.724	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	-.724	-.724	0	%100
23	M76	X	0	0	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	0	0	0	%100
26	M77	Z	-.983	-.983	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	-1.026	-1.026	0	%100
29	M84	X	0	0	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	0	0	0	%100
32	M85	Z	-.983	-.983	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	-1.026	-1.026	0	%100
35	M34	X	0	0	0	%100
36	M34	Z	-2.304	-2.304	0	%100
37	M35	X	0	0	0	%100
38	M35	Z	-.628	-.628	0	%100
39	M36	X	0	0	0	%100
40	M36	Z	-.628	-.628	0	%100
41	M37	X	0	0	0	%100
42	M37	Z	-.985	-.985	0	%100
43	M40	X	0	0	0	%100
44	M40	Z	-.724	-.724	0	%100
45	M41	X	0	0	0	%100
46	M41	Z	-2.894	-2.894	0	%100
47	M45	X	0	0	0	%100
48	M45	Z	-2.905	-2.905	0	%100
49	M46A	X	0	0	0	%100
50	M46A	Z	-.983	-.983	0	%100
51	M48	X	0	0	0	%100
52	M48	Z	-1.026	-1.026	0	%100
53	M50A	X	0	0	0	%100
54	M50A	Z	-2.905	-2.905	0	%100
55	M51C	X	0	0	0	%100
56	M51C	Z	-3.932	-3.932	0	%100
57	M53	X	0	0	0	%100
58	M53	Z	-4.104	-4.104	0	%100
59	M58A	X	0	0	0	%100
60	M58A	Z	-2.304	-2.304	0	%100
61	M59A	X	0	0	0	%100
62	M59A	Z	-.628	-.628	0	%100
63	M60	X	0	0	0	%100
64	M60	Z	-.628	-.628	0	%100
65	M61	X	0	0	0	%100
66	M61	Z	-.985	-.985	0	%100
67	M64	X	0	0	0	%100
68	M64	Z	-2.894	-2.894	0	%100
69	M65	X	0	0	0	%100
70	M65	Z	-.724	-.724	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
71	M69	X	0	0	0	%100
72	M69	Z	-2.905	-2.905	0	%100
73	M70	X	0	0	0	%100
74	M70	Z	-3.932	-3.932	0	%100
75	M72	X	0	0	0	%100
76	M72	Z	-4.104	-4.104	0	%100
77	M74	X	0	0	0	%100
78	M74	Z	-2.905	-2.905	0	%100
79	M75	X	0	0	0	%100
80	M75	Z	-.983	-.983	0	%100
81	M77A	X	0	0	0	%100
82	M77A	Z	-1.026	-1.026	0	%100
83	M82	X	0	0	0	%100
84	M82	Z	-.761	-.761	0	%100
85	MP3C	X	0	0	0	%100
86	MP3C	Z	-2.447	-2.447	0	%100
87	MP4C	X	0	0	0	%100
88	MP4C	Z	-2.447	-2.447	0	%100
89	MP2C	X	0	0	0	%100
90	MP2C	Z	-2.447	-2.447	0	%100
91	MP1C	X	0	0	0	%100
92	MP1C	Z	-2.447	-2.447	0	%100
93	M91A	X	0	0	0	%100
94	M91A	Z	-.761	-.761	0	%100
95	MP3B	X	0	0	0	%100
96	MP3B	Z	-2.447	-2.447	0	%100
97	MP4B	X	0	0	0	%100
98	MP4B	Z	-2.447	-2.447	0	%100
99	MP2B	X	0	0	0	%100
100	MP2B	Z	-2.447	-2.447	0	%100
101	MP1B	X	0	0	0	%100
102	MP1B	Z	-2.447	-2.447	0	%100
103	M100	X	0	0	0	%100
104	M100	Z	-2.712	-2.712	0	%100
105	M105	X	0	0	0	%100
106	M105	Z	-.678	-.678	0	%100
107	M110	X	0	0	0	%100
108	M110	Z	-.678	-.678	0	%100
109	M121	X	0	0	0	%100
110	M121	Z	-.676	-.676	0	%100
111	M122	X	0	0	0	%100
112	M122	Z	-.676	-.676	0	%100
113	M123	X	0	0	0	%100
114	M123	Z	-2.702	-2.702	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	1.141	1.141	0	%100
2	M1	Z	-1.977	-1.977	0	%100
3	M4	X	.384	.384	0	%100
4	M4	Z	-.665	-.665	0	%100
5	M10	X	.942	.942	0	%100
6	M10	Z	-1.632	-1.632	0	%100
7	MP3A	X	1.224	1.224	0	%100
8	MP3A	Z	-2.119	-2.119	0	%100
9	MP4A	X	1.224	1.224	0	%100
10	MP4A	Z	-2.119	-2.119	0	%100
11	MP2A	X	1.224	1.224	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
12	MP2A	Z	-2.119	-2.119	0	%100
13	MP1A	X	1.224	1.224	0	%100
14	MP1A	Z	-2.119	-2.119	0	%100
15	M43	X	.942	.942	0	%100
16	M43	Z	-1.632	-1.632	0	%100
17	M46	X	1.477	1.477	0	%100
18	M46	Z	-2.559	-2.559	0	%100
19	M51B	X	1.085	1.085	0	%100
20	M51B	Z	-1.88	-1.88	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	.484	.484	0	%100
24	M76	Z	-.839	-.839	0	%100
25	M77	X	1.474	1.474	0	%100
26	M77	Z	-2.554	-2.554	0	%100
27	M80	X	1.539	1.539	0	%100
28	M80	Z	-2.666	-2.666	0	%100
29	M84	X	.484	.484	0	%100
30	M84	Z	-.839	-.839	0	%100
31	M85	X	0	0	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	0	0	0	%100
35	M34	X	.384	.384	0	%100
36	M34	Z	-.665	-.665	0	%100
37	M35	X	.942	.942	0	%100
38	M35	Z	-1.632	-1.632	0	%100
39	M36	X	.942	.942	0	%100
40	M36	Z	-1.632	-1.632	0	%100
41	M37	X	1.477	1.477	0	%100
42	M37	Z	-2.559	-2.559	0	%100
43	M40	X	0	0	0	%100
44	M40	Z	0	0	0	%100
45	M41	X	1.085	1.085	0	%100
46	M41	Z	-1.88	-1.88	0	%100
47	M45	X	.484	.484	0	%100
48	M45	Z	-.839	-.839	0	%100
49	M46A	X	0	0	0	%100
50	M46A	Z	0	0	0	%100
51	M48	X	0	0	0	%100
52	M48	Z	0	0	0	%100
53	M50A	X	.484	.484	0	%100
54	M50A	Z	-.839	-.839	0	%100
55	M51C	X	1.474	1.474	0	%100
56	M51C	Z	-2.554	-2.554	0	%100
57	M53	X	1.539	1.539	0	%100
58	M53	Z	-2.666	-2.666	0	%100
59	M58A	X	1.536	1.536	0	%100
60	M58A	Z	-2.661	-2.661	0	%100
61	M59A	X	0	0	0	%100
62	M59A	Z	0	0	0	%100
63	M60	X	0	0	0	%100
64	M60	Z	0	0	0	%100
65	M61	X	0	0	0	%100
66	M61	Z	0	0	0	%100
67	M64	X	1.085	1.085	0	%100
68	M64	Z	-1.88	-1.88	0	%100
69	M65	X	1.085	1.085	0	%100
70	M65	Z	-1.88	-1.88	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
71	M69	X	1.937	1.937	0	%100
72	M69	Z	-3.354	-3.354	0	%100
73	M70	X	1.474	1.474	0	%100
74	M70	Z	-2.554	-2.554	0	%100
75	M72	X	1.539	1.539	0	%100
76	M72	Z	-2.666	-2.666	0	%100
77	M74	X	1.937	1.937	0	%100
78	M74	Z	-3.354	-3.354	0	%100
79	M75	X	1.474	1.474	0	%100
80	M75	Z	-2.554	-2.554	0	%100
81	M77A	X	1.539	1.539	0	%100
82	M77A	Z	-2.666	-2.666	0	%100
83	M82	X	1.141	1.141	0	%100
84	M82	Z	-1.977	-1.977	0	%100
85	MP3C	X	1.224	1.224	0	%100
86	MP3C	Z	-2.119	-2.119	0	%100
87	MP4C	X	1.224	1.224	0	%100
88	MP4C	Z	-2.119	-2.119	0	%100
89	MP2C	X	1.224	1.224	0	%100
90	MP2C	Z	-2.119	-2.119	0	%100
91	MP1C	X	1.224	1.224	0	%100
92	MP1C	Z	-2.119	-2.119	0	%100
93	M91A	X	0	0	0	%100
94	M91A	Z	0	0	0	%100
95	MP3B	X	1.224	1.224	0	%100
96	MP3B	Z	-2.119	-2.119	0	%100
97	MP4B	X	1.224	1.224	0	%100
98	MP4B	Z	-2.119	-2.119	0	%100
99	MP2B	X	1.224	1.224	0	%100
100	MP2B	Z	-2.119	-2.119	0	%100
101	MP1B	X	1.224	1.224	0	%100
102	MP1B	Z	-2.119	-2.119	0	%100
103	M100	X	1.017	1.017	0	%100
104	M100	Z	-1.762	-1.762	0	%100
105	M105	X	1.017	1.017	0	%100
106	M105	Z	-1.762	-1.762	0	%100
107	M110	X	0	0	0	%100
108	M110	Z	0	0	0	%100
109	M121	X	1.013	1.013	0	%100
110	M121	Z	-1.755	-1.755	0	%100
111	M122	X	0	0	0	%100
112	M122	Z	0	0	0	%100
113	M123	X	1.013	1.013	0	%100
114	M123	Z	-1.755	-1.755	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.659	.659	0	%100
2	M1	Z	-.38	-.38	0	%100
3	M4	X	1.996	1.996	0	%100
4	M4	Z	-1.152	-1.152	0	%100
5	M10	X	.544	.544	0	%100
6	M10	Z	-.314	-.314	0	%100
7	MP3A	X	2.119	2.119	0	%100
8	MP3A	Z	-1.224	-1.224	0	%100
9	MP4A	X	2.119	2.119	0	%100
10	MP4A	Z	-1.224	-1.224	0	%100
11	MP2A	X	2.119	2.119	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
12	MP2A	Z	-1.224	-1.224	0	%100
13	MP1A	X	2.119	2.119	0	%100
14	MP1A	Z	-1.224	-1.224	0	%100
15	M43	X	.544	.544	0	%100
16	M43	Z	-.314	-.314	0	%100
17	M46	X	.853	.853	0	%100
18	M46	Z	-.492	-.492	0	%100
19	M51B	X	2.506	2.506	0	%100
20	M51B	Z	-1.447	-1.447	0	%100
21	M52B	X	.627	.627	0	%100
22	M52B	Z	-.362	-.362	0	%100
23	M76	X	2.516	2.516	0	%100
24	M76	Z	-1.452	-1.452	0	%100
25	M77	X	3.405	3.405	0	%100
26	M77	Z	-1.966	-1.966	0	%100
27	M80	X	3.555	3.555	0	%100
28	M80	Z	-2.052	-2.052	0	%100
29	M84	X	2.516	2.516	0	%100
30	M84	Z	-1.452	-1.452	0	%100
31	M85	X	.851	.851	0	%100
32	M85	Z	-.491	-.491	0	%100
33	M91	X	.889	.889	0	%100
34	M91	Z	-.513	-.513	0	%100
35	M34	X	0	0	0	%100
36	M34	Z	0	0	0	%100
37	M35	X	2.176	2.176	0	%100
38	M35	Z	-1.256	-1.256	0	%100
39	M36	X	2.176	2.176	0	%100
40	M36	Z	-1.256	-1.256	0	%100
41	M37	X	3.412	3.412	0	%100
42	M37	Z	-1.97	-1.97	0	%100
43	M40	X	.627	.627	0	%100
44	M40	Z	-.362	-.362	0	%100
45	M41	X	.627	.627	0	%100
46	M41	Z	-.362	-.362	0	%100
47	M45	X	0	0	0	%100
48	M45	Z	0	0	0	%100
49	M46A	X	.851	.851	0	%100
50	M46A	Z	-.491	-.491	0	%100
51	M48	X	.889	.889	0	%100
52	M48	Z	-.513	-.513	0	%100
53	M50A	X	0	0	0	%100
54	M50A	Z	0	0	0	%100
55	M51C	X	.851	.851	0	%100
56	M51C	Z	-.491	-.491	0	%100
57	M53	X	.889	.889	0	%100
58	M53	Z	-.513	-.513	0	%100
59	M58A	X	1.996	1.996	0	%100
60	M58A	Z	-1.152	-1.152	0	%100
61	M59A	X	.544	.544	0	%100
62	M59A	Z	-.314	-.314	0	%100
63	M60	X	.544	.544	0	%100
64	M60	Z	-.314	-.314	0	%100
65	M61	X	.853	.853	0	%100
66	M61	Z	-.492	-.492	0	%100
67	M64	X	.627	.627	0	%100
68	M64	Z	-.362	-.362	0	%100
69	M65	X	2.506	2.506	0	%100
70	M65	Z	-1.447	-1.447	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
71	M69	X	2.516	2.516	0	%100
72	M69	Z	-1.452	-1.452	0	%100
73	M70	X	.851	.851	0	%100
74	M70	Z	-.491	-.491	0	%100
75	M72	X	.889	.889	0	%100
76	M72	Z	-.513	-.513	0	%100
77	M74	X	2.516	2.516	0	%100
78	M74	Z	-1.452	-1.452	0	%100
79	M75	X	3.405	3.405	0	%100
80	M75	Z	-1.966	-1.966	0	%100
81	M77A	X	3.555	3.555	0	%100
82	M77A	Z	-2.052	-2.052	0	%100
83	M82	X	2.636	2.636	0	%100
84	M82	Z	-1.522	-1.522	0	%100
85	MP3C	X	2.119	2.119	0	%100
86	MP3C	Z	-1.224	-1.224	0	%100
87	MP4C	X	2.119	2.119	0	%100
88	MP4C	Z	-1.224	-1.224	0	%100
89	MP2C	X	2.119	2.119	0	%100
90	MP2C	Z	-1.224	-1.224	0	%100
91	MP1C	X	2.119	2.119	0	%100
92	MP1C	Z	-1.224	-1.224	0	%100
93	M91A	X	.659	.659	0	%100
94	M91A	Z	-.38	-.38	0	%100
95	MP3B	X	2.119	2.119	0	%100
96	MP3B	Z	-1.224	-1.224	0	%100
97	MP4B	X	2.119	2.119	0	%100
98	MP4B	Z	-1.224	-1.224	0	%100
99	MP2B	X	2.119	2.119	0	%100
100	MP2B	Z	-1.224	-1.224	0	%100
101	MP1B	X	2.119	2.119	0	%100
102	MP1B	Z	-1.224	-1.224	0	%100
103	M100	X	.587	.587	0	%100
104	M100	Z	-.339	-.339	0	%100
105	M105	X	2.349	2.349	0	%100
106	M105	Z	-1.356	-1.356	0	%100
107	M110	X	.587	.587	0	%100
108	M110	Z	-.339	-.339	0	%100
109	M121	X	2.34	2.34	0	%100
110	M121	Z	-1.351	-1.351	0	%100
111	M122	X	.585	.585	0	%100
112	M122	Z	-.338	-.338	0	%100
113	M123	X	.585	.585	0	%100
114	M123	Z	-.338	-.338	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	3.073	3.073	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	MP3A	X	2.447	2.447	0	%100
8	MP3A	Z	0	0	0	%100
9	MP4A	X	2.447	2.447	0	%100
10	MP4A	Z	0	0	0	%100
11	MP2A	X	2.447	2.447	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
12	MP2A	Z	0	0	0	%100
13	MP1A	X	2.447	2.447	0	%100
14	MP1A	Z	0	0	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	0	0	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	0	0	0	%100
19	M51B	X	2.171	2.171	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	2.171	2.171	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	3.873	3.873	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	2.949	2.949	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	3.078	3.078	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	3.873	3.873	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	2.949	2.949	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	3.078	3.078	0	%100
34	M91	Z	0	0	0	%100
35	M34	X	.768	.768	0	%100
36	M34	Z	0	0	0	%100
37	M35	X	1.884	1.884	0	%100
38	M35	Z	0	0	0	%100
39	M36	X	1.884	1.884	0	%100
40	M36	Z	0	0	0	%100
41	M37	X	2.955	2.955	0	%100
42	M37	Z	0	0	0	%100
43	M40	X	2.171	2.171	0	%100
44	M40	Z	0	0	0	%100
45	M41	X	0	0	0	%100
46	M41	Z	0	0	0	%100
47	M45	X	.968	.968	0	%100
48	M45	Z	0	0	0	%100
49	M46A	X	2.949	2.949	0	%100
50	M46A	Z	0	0	0	%100
51	M48	X	3.078	3.078	0	%100
52	M48	Z	0	0	0	%100
53	M50A	X	.968	.968	0	%100
54	M50A	Z	0	0	0	%100
55	M51C	X	0	0	0	%100
56	M51C	Z	0	0	0	%100
57	M53	X	0	0	0	%100
58	M53	Z	0	0	0	%100
59	M58A	X	.768	.768	0	%100
60	M58A	Z	0	0	0	%100
61	M59A	X	1.884	1.884	0	%100
62	M59A	Z	0	0	0	%100
63	M60	X	1.884	1.884	0	%100
64	M60	Z	0	0	0	%100
65	M61	X	2.955	2.955	0	%100
66	M61	Z	0	0	0	%100
67	M64	X	0	0	0	%100
68	M64	Z	0	0	0	%100
69	M65	X	2.171	2.171	0	%100
70	M65	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
71	M69	X	.968	.968	0	%100
72	M69	Z	0	0	0	%100
73	M70	X	0	0	0	%100
74	M70	Z	0	0	0	%100
75	M72	X	0	0	0	%100
76	M72	Z	0	0	0	%100
77	M74	X	.968	.968	0	%100
78	M74	Z	0	0	0	%100
79	M75	X	2.949	2.949	0	%100
80	M75	Z	0	0	0	%100
81	M77A	X	3.078	3.078	0	%100
82	M77A	Z	0	0	0	%100
83	M82	X	2.283	2.283	0	%100
84	M82	Z	0	0	0	%100
85	MP3C	X	2.447	2.447	0	%100
86	MP3C	Z	0	0	0	%100
87	MP4C	X	2.447	2.447	0	%100
88	MP4C	Z	0	0	0	%100
89	MP2C	X	2.447	2.447	0	%100
90	MP2C	Z	0	0	0	%100
91	MP1C	X	2.447	2.447	0	%100
92	MP1C	Z	0	0	0	%100
93	M91A	X	2.283	2.283	0	%100
94	M91A	Z	0	0	0	%100
95	MP3B	X	2.447	2.447	0	%100
96	MP3B	Z	0	0	0	%100
97	MP4B	X	2.447	2.447	0	%100
98	MP4B	Z	0	0	0	%100
99	MP2B	X	2.447	2.447	0	%100
100	MP2B	Z	0	0	0	%100
101	MP1B	X	2.447	2.447	0	%100
102	MP1B	Z	0	0	0	%100
103	M100	X	0	0	0	%100
104	M100	Z	0	0	0	%100
105	M105	X	2.034	2.034	0	%100
106	M105	Z	0	0	0	%100
107	M110	X	2.034	2.034	0	%100
108	M110	Z	0	0	0	%100
109	M121	X	2.027	2.027	0	%100
110	M121	Z	0	0	0	%100
111	M122	X	2.027	2.027	0	%100
112	M122	Z	0	0	0	%100
113	M123	X	0	0	0	%100
114	M123	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.659	.659	0	%100
2	M1	Z	.38	.38	0	%100
3	M4	X	1.996	1.996	0	%100
4	M4	Z	1.152	1.152	0	%100
5	M10	X	.544	.544	0	%100
6	M10	Z	.314	.314	0	%100
7	MP3A	X	2.119	2.119	0	%100
8	MP3A	Z	1.224	1.224	0	%100
9	MP4A	X	2.119	2.119	0	%100
10	MP4A	Z	1.224	1.224	0	%100
11	MP2A	X	2.119	2.119	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
12	MP2A	Z	1.224	1.224	0	%100
13	MP1A	X	2.119	2.119	0	%100
14	MP1A	Z	1.224	1.224	0	%100
15	M43	X	.544	.544	0	%100
16	M43	Z	.314	.314	0	%100
17	M46	X	.853	.853	0	%100
18	M46	Z	.492	.492	0	%100
19	M51B	X	.627	.627	0	%100
20	M51B	Z	.362	.362	0	%100
21	M52B	X	2.506	2.506	0	%100
22	M52B	Z	1.447	1.447	0	%100
23	M76	X	2.516	2.516	0	%100
24	M76	Z	1.452	1.452	0	%100
25	M77	X	.851	.851	0	%100
26	M77	Z	.491	.491	0	%100
27	M80	X	.889	.889	0	%100
28	M80	Z	.513	.513	0	%100
29	M84	X	2.516	2.516	0	%100
30	M84	Z	1.452	1.452	0	%100
31	M85	X	3.405	3.405	0	%100
32	M85	Z	1.966	1.966	0	%100
33	M91	X	3.555	3.555	0	%100
34	M91	Z	2.052	2.052	0	%100
35	M34	X	1.996	1.996	0	%100
36	M34	Z	1.152	1.152	0	%100
37	M35	X	.544	.544	0	%100
38	M35	Z	.314	.314	0	%100
39	M36	X	.544	.544	0	%100
40	M36	Z	.314	.314	0	%100
41	M37	X	.853	.853	0	%100
42	M37	Z	.492	.492	0	%100
43	M40	X	2.506	2.506	0	%100
44	M40	Z	1.447	1.447	0	%100
45	M41	X	.627	.627	0	%100
46	M41	Z	.362	.362	0	%100
47	M45	X	2.516	2.516	0	%100
48	M45	Z	1.452	1.452	0	%100
49	M46A	X	3.405	3.405	0	%100
50	M46A	Z	1.966	1.966	0	%100
51	M48	X	3.555	3.555	0	%100
52	M48	Z	2.052	2.052	0	%100
53	M50A	X	2.516	2.516	0	%100
54	M50A	Z	1.452	1.452	0	%100
55	M51C	X	.851	.851	0	%100
56	M51C	Z	.491	.491	0	%100
57	M53	X	.889	.889	0	%100
58	M53	Z	.513	.513	0	%100
59	M58A	X	0	0	0	%100
60	M58A	Z	0	0	0	%100
61	M59A	X	2.176	2.176	0	%100
62	M59A	Z	1.256	1.256	0	%100
63	M60	X	2.176	2.176	0	%100
64	M60	Z	1.256	1.256	0	%100
65	M61	X	3.412	3.412	0	%100
66	M61	Z	1.97	1.97	0	%100
67	M64	X	.627	.627	0	%100
68	M64	Z	.362	.362	0	%100
69	M65	X	.627	.627	0	%100
70	M65	Z	.362	.362	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
71	M69	X	0	0	0	%100
72	M69	Z	0	0	0	%100
73	M70	X	.851	.851	0	%100
74	M70	Z	.491	.491	0	%100
75	M72	X	.889	.889	0	%100
76	M72	Z	.513	.513	0	%100
77	M74	X	0	0	0	%100
78	M74	Z	0	0	0	%100
79	M75	X	.851	.851	0	%100
80	M75	Z	.491	.491	0	%100
81	M77A	X	.889	.889	0	%100
82	M77A	Z	.513	.513	0	%100
83	M82	X	.659	.659	0	%100
84	M82	Z	.38	.38	0	%100
85	MP3C	X	2.119	2.119	0	%100
86	MP3C	Z	1.224	1.224	0	%100
87	MP4C	X	2.119	2.119	0	%100
88	MP4C	Z	1.224	1.224	0	%100
89	MP2C	X	2.119	2.119	0	%100
90	MP2C	Z	1.224	1.224	0	%100
91	MP1C	X	2.119	2.119	0	%100
92	MP1C	Z	1.224	1.224	0	%100
93	M91A	X	2.636	2.636	0	%100
94	M91A	Z	1.522	1.522	0	%100
95	MP3B	X	2.119	2.119	0	%100
96	MP3B	Z	1.224	1.224	0	%100
97	MP4B	X	2.119	2.119	0	%100
98	MP4B	Z	1.224	1.224	0	%100
99	MP2B	X	2.119	2.119	0	%100
100	MP2B	Z	1.224	1.224	0	%100
101	MP1B	X	2.119	2.119	0	%100
102	MP1B	Z	1.224	1.224	0	%100
103	M100	X	.587	.587	0	%100
104	M100	Z	.339	.339	0	%100
105	M105	X	.587	.587	0	%100
106	M105	Z	.339	.339	0	%100
107	M110	X	2.349	2.349	0	%100
108	M110	Z	1.356	1.356	0	%100
109	M121	X	.585	.585	0	%100
110	M121	Z	.338	.338	0	%100
111	M122	X	2.34	2.34	0	%100
112	M122	Z	1.351	1.351	0	%100
113	M123	X	.585	.585	0	%100
114	M123	Z	.338	.338	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	1.141	1.141	0	%100
2	M1	Z	1.977	1.977	0	%100
3	M4	X	.384	.384	0	%100
4	M4	Z	.665	.665	0	%100
5	M10	X	.942	.942	0	%100
6	M10	Z	1.632	1.632	0	%100
7	MP3A	X	1.224	1.224	0	%100
8	MP3A	Z	2.119	2.119	0	%100
9	MP4A	X	1.224	1.224	0	%100
10	MP4A	Z	2.119	2.119	0	%100
11	MP2A	X	1.224	1.224	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
12	MP2A	Z	2.119	2.119	0	%100
13	MP1A	X	1.224	1.224	0	%100
14	MP1A	Z	2.119	2.119	0	%100
15	M43	X	.942	.942	0	%100
16	M43	Z	1.632	1.632	0	%100
17	M46	X	1.477	1.477	0	%100
18	M46	Z	2.559	2.559	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	1.085	1.085	0	%100
22	M52B	Z	1.88	1.88	0	%100
23	M76	X	.484	.484	0	%100
24	M76	Z	.839	.839	0	%100
25	M77	X	0	0	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	.484	.484	0	%100
30	M84	Z	.839	.839	0	%100
31	M85	X	1.474	1.474	0	%100
32	M85	Z	2.554	2.554	0	%100
33	M91	X	1.539	1.539	0	%100
34	M91	Z	2.666	2.666	0	%100
35	M34	X	1.536	1.536	0	%100
36	M34	Z	2.661	2.661	0	%100
37	M35	X	0	0	0	%100
38	M35	Z	0	0	0	%100
39	M36	X	0	0	0	%100
40	M36	Z	0	0	0	%100
41	M37	X	0	0	0	%100
42	M37	Z	0	0	0	%100
43	M40	X	1.085	1.085	0	%100
44	M40	Z	1.88	1.88	0	%100
45	M41	X	1.085	1.085	0	%100
46	M41	Z	1.88	1.88	0	%100
47	M45	X	1.937	1.937	0	%100
48	M45	Z	3.354	3.354	0	%100
49	M46A	X	1.474	1.474	0	%100
50	M46A	Z	2.554	2.554	0	%100
51	M48	X	1.539	1.539	0	%100
52	M48	Z	2.666	2.666	0	%100
53	M50A	X	1.937	1.937	0	%100
54	M50A	Z	3.354	3.354	0	%100
55	M51C	X	1.474	1.474	0	%100
56	M51C	Z	2.554	2.554	0	%100
57	M53	X	1.539	1.539	0	%100
58	M53	Z	2.666	2.666	0	%100
59	M58A	X	.384	.384	0	%100
60	M58A	Z	.665	.665	0	%100
61	M59A	X	.942	.942	0	%100
62	M59A	Z	1.632	1.632	0	%100
63	M60	X	.942	.942	0	%100
64	M60	Z	1.632	1.632	0	%100
65	M61	X	1.477	1.477	0	%100
66	M61	Z	2.559	2.559	0	%100
67	M64	X	1.085	1.085	0	%100
68	M64	Z	1.88	1.88	0	%100
69	M65	X	0	0	0	%100
70	M65	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
71	M69	X	.484	.484	0	%100
72	M69	Z	.839	.839	0	%100
73	M70	X	1.474	1.474	0	%100
74	M70	Z	2.554	2.554	0	%100
75	M72	X	1.539	1.539	0	%100
76	M72	Z	2.666	2.666	0	%100
77	M74	X	.484	.484	0	%100
78	M74	Z	.839	.839	0	%100
79	M75	X	0	0	0	%100
80	M75	Z	0	0	0	%100
81	M77A	X	0	0	0	%100
82	M77A	Z	0	0	0	%100
83	M82	X	0	0	0	%100
84	M82	Z	0	0	0	%100
85	MP3C	X	1.224	1.224	0	%100
86	MP3C	Z	2.119	2.119	0	%100
87	MP4C	X	1.224	1.224	0	%100
88	MP4C	Z	2.119	2.119	0	%100
89	MP2C	X	1.224	1.224	0	%100
90	MP2C	Z	2.119	2.119	0	%100
91	MP1C	X	1.224	1.224	0	%100
92	MP1C	Z	2.119	2.119	0	%100
93	M91A	X	1.141	1.141	0	%100
94	M91A	Z	1.977	1.977	0	%100
95	MP3B	X	1.224	1.224	0	%100
96	MP3B	Z	2.119	2.119	0	%100
97	MP4B	X	1.224	1.224	0	%100
98	MP4B	Z	2.119	2.119	0	%100
99	MP2B	X	1.224	1.224	0	%100
100	MP2B	Z	2.119	2.119	0	%100
101	MP1B	X	1.224	1.224	0	%100
102	MP1B	Z	2.119	2.119	0	%100
103	M100	X	1.017	1.017	0	%100
104	M100	Z	1.762	1.762	0	%100
105	M105	X	0	0	0	%100
106	M105	Z	0	0	0	%100
107	M110	X	1.017	1.017	0	%100
108	M110	Z	1.762	1.762	0	%100
109	M121	X	0	0	0	%100
110	M121	Z	0	0	0	%100
111	M122	X	1.013	1.013	0	%100
112	M122	Z	1.755	1.755	0	%100
113	M123	X	1.013	1.013	0	%100
114	M123	Z	1.755	1.755	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	3.043	3.043	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	2.512	2.512	0	%100
7	MP3A	X	0	0	0	%100
8	MP3A	Z	2.447	2.447	0	%100
9	MP4A	X	0	0	0	%100
10	MP4A	Z	2.447	2.447	0	%100
11	MP2A	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
12	MP2A	Z	2.447	2.447	0	%100
13	MP1A	X	0	0	0	%100
14	MP1A	Z	2.447	2.447	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	2.512	2.512	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	3.939	3.939	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	.724	.724	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	.724	.724	0	%100
23	M76	X	0	0	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	0	0	0	%100
26	M77	Z	.983	.983	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	1.026	1.026	0	%100
29	M84	X	0	0	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	0	0	0	%100
32	M85	Z	.983	.983	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	1.026	1.026	0	%100
35	M34	X	0	0	0	%100
36	M34	Z	2.304	2.304	0	%100
37	M35	X	0	0	0	%100
38	M35	Z	.628	.628	0	%100
39	M36	X	0	0	0	%100
40	M36	Z	.628	.628	0	%100
41	M37	X	0	0	0	%100
42	M37	Z	.985	.985	0	%100
43	M40	X	0	0	0	%100
44	M40	Z	.724	.724	0	%100
45	M41	X	0	0	0	%100
46	M41	Z	2.894	2.894	0	%100
47	M45	X	0	0	0	%100
48	M45	Z	2.905	2.905	0	%100
49	M46A	X	0	0	0	%100
50	M46A	Z	.983	.983	0	%100
51	M48	X	0	0	0	%100
52	M48	Z	1.026	1.026	0	%100
53	M50A	X	0	0	0	%100
54	M50A	Z	2.905	2.905	0	%100
55	M51C	X	0	0	0	%100
56	M51C	Z	3.932	3.932	0	%100
57	M53	X	0	0	0	%100
58	M53	Z	4.104	4.104	0	%100
59	M58A	X	0	0	0	%100
60	M58A	Z	2.304	2.304	0	%100
61	M59A	X	0	0	0	%100
62	M59A	Z	.628	.628	0	%100
63	M60	X	0	0	0	%100
64	M60	Z	.628	.628	0	%100
65	M61	X	0	0	0	%100
66	M61	Z	.985	.985	0	%100
67	M64	X	0	0	0	%100
68	M64	Z	2.894	2.894	0	%100
69	M65	X	0	0	0	%100
70	M65	Z	.724	.724	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
71	M69	X	0	0	0	%100
72	M69	Z	2.905	2.905	0	%100
73	M70	X	0	0	0	%100
74	M70	Z	3.932	3.932	0	%100
75	M72	X	0	0	0	%100
76	M72	Z	4.104	4.104	0	%100
77	M74	X	0	0	0	%100
78	M74	Z	2.905	2.905	0	%100
79	M75	X	0	0	0	%100
80	M75	Z	.983	.983	0	%100
81	M77A	X	0	0	0	%100
82	M77A	Z	1.026	1.026	0	%100
83	M82	X	0	0	0	%100
84	M82	Z	.761	.761	0	%100
85	MP3C	X	0	0	0	%100
86	MP3C	Z	2.447	2.447	0	%100
87	MP4C	X	0	0	0	%100
88	MP4C	Z	2.447	2.447	0	%100
89	MP2C	X	0	0	0	%100
90	MP2C	Z	2.447	2.447	0	%100
91	MP1C	X	0	0	0	%100
92	MP1C	Z	2.447	2.447	0	%100
93	M91A	X	0	0	0	%100
94	M91A	Z	.761	.761	0	%100
95	MP3B	X	0	0	0	%100
96	MP3B	Z	2.447	2.447	0	%100
97	MP4B	X	0	0	0	%100
98	MP4B	Z	2.447	2.447	0	%100
99	MP2B	X	0	0	0	%100
100	MP2B	Z	2.447	2.447	0	%100
101	MP1B	X	0	0	0	%100
102	MP1B	Z	2.447	2.447	0	%100
103	M100	X	0	0	0	%100
104	M100	Z	2.712	2.712	0	%100
105	M105	X	0	0	0	%100
106	M105	Z	.678	.678	0	%100
107	M110	X	0	0	0	%100
108	M110	Z	.678	.678	0	%100
109	M121	X	0	0	0	%100
110	M121	Z	.676	.676	0	%100
111	M122	X	0	0	0	%100
112	M122	Z	.676	.676	0	%100
113	M123	X	0	0	0	%100
114	M123	Z	2.702	2.702	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-1.141	-1.141	0	%100
2	M1	Z	1.977	1.977	0	%100
3	M4	X	-.384	-.384	0	%100
4	M4	Z	.665	.665	0	%100
5	M10	X	-.942	-.942	0	%100
6	M10	Z	1.632	1.632	0	%100
7	MP3A	X	-1.224	-1.224	0	%100
8	MP3A	Z	2.119	2.119	0	%100
9	MP4A	X	-1.224	-1.224	0	%100
10	MP4A	Z	2.119	2.119	0	%100
11	MP2A	X	-1.224	-1.224	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
12	MP2A	Z	2.119	2.119	0	%100
13	MP1A	X	-1.224	-1.224	0	%100
14	MP1A	Z	2.119	2.119	0	%100
15	M43	X	-.942	-.942	0	%100
16	M43	Z	1.632	1.632	0	%100
17	M46	X	-1.477	-1.477	0	%100
18	M46	Z	2.559	2.559	0	%100
19	M51B	X	-1.085	-1.085	0	%100
20	M51B	Z	1.88	1.88	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	-.484	-.484	0	%100
24	M76	Z	.839	.839	0	%100
25	M77	X	-1.474	-1.474	0	%100
26	M77	Z	2.554	2.554	0	%100
27	M80	X	-1.539	-1.539	0	%100
28	M80	Z	2.666	2.666	0	%100
29	M84	X	-.484	-.484	0	%100
30	M84	Z	.839	.839	0	%100
31	M85	X	0	0	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	0	0	0	%100
35	M34	X	-.384	-.384	0	%100
36	M34	Z	.665	.665	0	%100
37	M35	X	-.942	-.942	0	%100
38	M35	Z	1.632	1.632	0	%100
39	M36	X	-.942	-.942	0	%100
40	M36	Z	1.632	1.632	0	%100
41	M37	X	-1.477	-1.477	0	%100
42	M37	Z	2.559	2.559	0	%100
43	M40	X	0	0	0	%100
44	M40	Z	0	0	0	%100
45	M41	X	-1.085	-1.085	0	%100
46	M41	Z	1.88	1.88	0	%100
47	M45	X	-.484	-.484	0	%100
48	M45	Z	.839	.839	0	%100
49	M46A	X	0	0	0	%100
50	M46A	Z	0	0	0	%100
51	M48	X	0	0	0	%100
52	M48	Z	0	0	0	%100
53	M50A	X	-.484	-.484	0	%100
54	M50A	Z	.839	.839	0	%100
55	M51C	X	-1.474	-1.474	0	%100
56	M51C	Z	2.554	2.554	0	%100
57	M53	X	-1.539	-1.539	0	%100
58	M53	Z	2.666	2.666	0	%100
59	M58A	X	-1.536	-1.536	0	%100
60	M58A	Z	2.661	2.661	0	%100
61	M59A	X	0	0	0	%100
62	M59A	Z	0	0	0	%100
63	M60	X	0	0	0	%100
64	M60	Z	0	0	0	%100
65	M61	X	0	0	0	%100
66	M61	Z	0	0	0	%100
67	M64	X	-1.085	-1.085	0	%100
68	M64	Z	1.88	1.88	0	%100
69	M65	X	-1.085	-1.085	0	%100
70	M65	Z	1.88	1.88	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
71	M69	X	-1.937	-1.937	0	%100
72	M69	Z	3.354	3.354	0	%100
73	M70	X	-1.474	-1.474	0	%100
74	M70	Z	2.554	2.554	0	%100
75	M72	X	-1.539	-1.539	0	%100
76	M72	Z	2.666	2.666	0	%100
77	M74	X	-1.937	-1.937	0	%100
78	M74	Z	3.354	3.354	0	%100
79	M75	X	-1.474	-1.474	0	%100
80	M75	Z	2.554	2.554	0	%100
81	M77A	X	-1.539	-1.539	0	%100
82	M77A	Z	2.666	2.666	0	%100
83	M82	X	-1.141	-1.141	0	%100
84	M82	Z	1.977	1.977	0	%100
85	MP3C	X	-1.224	-1.224	0	%100
86	MP3C	Z	2.119	2.119	0	%100
87	MP4C	X	-1.224	-1.224	0	%100
88	MP4C	Z	2.119	2.119	0	%100
89	MP2C	X	-1.224	-1.224	0	%100
90	MP2C	Z	2.119	2.119	0	%100
91	MP1C	X	-1.224	-1.224	0	%100
92	MP1C	Z	2.119	2.119	0	%100
93	M91A	X	0	0	0	%100
94	M91A	Z	0	0	0	%100
95	MP3B	X	-1.224	-1.224	0	%100
96	MP3B	Z	2.119	2.119	0	%100
97	MP4B	X	-1.224	-1.224	0	%100
98	MP4B	Z	2.119	2.119	0	%100
99	MP2B	X	-1.224	-1.224	0	%100
100	MP2B	Z	2.119	2.119	0	%100
101	MP1B	X	-1.224	-1.224	0	%100
102	MP1B	Z	2.119	2.119	0	%100
103	M100	X	-1.017	-1.017	0	%100
104	M100	Z	1.762	1.762	0	%100
105	M105	X	-1.017	-1.017	0	%100
106	M105	Z	1.762	1.762	0	%100
107	M110	X	0	0	0	%100
108	M110	Z	0	0	0	%100
109	M121	X	-1.013	-1.013	0	%100
110	M121	Z	1.755	1.755	0	%100
111	M122	X	0	0	0	%100
112	M122	Z	0	0	0	%100
113	M123	X	-1.013	-1.013	0	%100
114	M123	Z	1.755	1.755	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-.659	-.659	0	%100
2	M1	Z	.38	.38	0	%100
3	M4	X	-1.996	-1.996	0	%100
4	M4	Z	1.152	1.152	0	%100
5	M10	X	-.544	-.544	0	%100
6	M10	Z	.314	.314	0	%100
7	MP3A	X	-2.119	-2.119	0	%100
8	MP3A	Z	1.224	1.224	0	%100
9	MP4A	X	-2.119	-2.119	0	%100
10	MP4A	Z	1.224	1.224	0	%100
11	MP2A	X	-2.119	-2.119	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
12	MP2A	Z	1.224	1.224	0	%100
13	MP1A	X	-2.119	-2.119	0	%100
14	MP1A	Z	1.224	1.224	0	%100
15	M43	X	-.544	-.544	0	%100
16	M43	Z	.314	.314	0	%100
17	M46	X	-.853	-.853	0	%100
18	M46	Z	.492	.492	0	%100
19	M51B	X	-2.506	-2.506	0	%100
20	M51B	Z	1.447	1.447	0	%100
21	M52B	X	-.627	-.627	0	%100
22	M52B	Z	.362	.362	0	%100
23	M76	X	-2.516	-2.516	0	%100
24	M76	Z	1.452	1.452	0	%100
25	M77	X	-3.405	-3.405	0	%100
26	M77	Z	1.966	1.966	0	%100
27	M80	X	-3.555	-3.555	0	%100
28	M80	Z	2.052	2.052	0	%100
29	M84	X	-2.516	-2.516	0	%100
30	M84	Z	1.452	1.452	0	%100
31	M85	X	-.851	-.851	0	%100
32	M85	Z	.491	.491	0	%100
33	M91	X	-.889	-.889	0	%100
34	M91	Z	.513	.513	0	%100
35	M34	X	0	0	0	%100
36	M34	Z	0	0	0	%100
37	M35	X	-2.176	-2.176	0	%100
38	M35	Z	1.256	1.256	0	%100
39	M36	X	-2.176	-2.176	0	%100
40	M36	Z	1.256	1.256	0	%100
41	M37	X	-3.412	-3.412	0	%100
42	M37	Z	1.97	1.97	0	%100
43	M40	X	-.627	-.627	0	%100
44	M40	Z	.362	.362	0	%100
45	M41	X	-.627	-.627	0	%100
46	M41	Z	.362	.362	0	%100
47	M45	X	0	0	0	%100
48	M45	Z	0	0	0	%100
49	M46A	X	-.851	-.851	0	%100
50	M46A	Z	.491	.491	0	%100
51	M48	X	-.889	-.889	0	%100
52	M48	Z	.513	.513	0	%100
53	M50A	X	0	0	0	%100
54	M50A	Z	0	0	0	%100
55	M51C	X	-.851	-.851	0	%100
56	M51C	Z	.491	.491	0	%100
57	M53	X	-.889	-.889	0	%100
58	M53	Z	.513	.513	0	%100
59	M58A	X	-1.996	-1.996	0	%100
60	M58A	Z	1.152	1.152	0	%100
61	M59A	X	-.544	-.544	0	%100
62	M59A	Z	.314	.314	0	%100
63	M60	X	-.544	-.544	0	%100
64	M60	Z	.314	.314	0	%100
65	M61	X	-.853	-.853	0	%100
66	M61	Z	.492	.492	0	%100
67	M64	X	-.627	-.627	0	%100
68	M64	Z	.362	.362	0	%100
69	M65	X	-2.506	-2.506	0	%100
70	M65	Z	1.447	1.447	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
71	M69	X	-2.516	-2.516	0	%100
72	M69	Z	1.452	1.452	0	%100
73	M70	X	-.851	-.851	0	%100
74	M70	Z	.491	.491	0	%100
75	M72	X	-.889	-.889	0	%100
76	M72	Z	.513	.513	0	%100
77	M74	X	-2.516	-2.516	0	%100
78	M74	Z	1.452	1.452	0	%100
79	M75	X	-3.405	-3.405	0	%100
80	M75	Z	1.966	1.966	0	%100
81	M77A	X	-3.555	-3.555	0	%100
82	M77A	Z	2.052	2.052	0	%100
83	M82	X	-2.636	-2.636	0	%100
84	M82	Z	1.522	1.522	0	%100
85	MP3C	X	-2.119	-2.119	0	%100
86	MP3C	Z	1.224	1.224	0	%100
87	MP4C	X	-2.119	-2.119	0	%100
88	MP4C	Z	1.224	1.224	0	%100
89	MP2C	X	-2.119	-2.119	0	%100
90	MP2C	Z	1.224	1.224	0	%100
91	MP1C	X	-2.119	-2.119	0	%100
92	MP1C	Z	1.224	1.224	0	%100
93	M91A	X	-.659	-.659	0	%100
94	M91A	Z	.38	.38	0	%100
95	MP3B	X	-2.119	-2.119	0	%100
96	MP3B	Z	1.224	1.224	0	%100
97	MP4B	X	-2.119	-2.119	0	%100
98	MP4B	Z	1.224	1.224	0	%100
99	MP2B	X	-2.119	-2.119	0	%100
100	MP2B	Z	1.224	1.224	0	%100
101	MP1B	X	-2.119	-2.119	0	%100
102	MP1B	Z	1.224	1.224	0	%100
103	M100	X	-.587	-.587	0	%100
104	M100	Z	.339	.339	0	%100
105	M105	X	-2.349	-2.349	0	%100
106	M105	Z	1.356	1.356	0	%100
107	M110	X	-.587	-.587	0	%100
108	M110	Z	.339	.339	0	%100
109	M121	X	-2.34	-2.34	0	%100
110	M121	Z	1.351	1.351	0	%100
111	M122	X	-.585	-.585	0	%100
112	M122	Z	.338	.338	0	%100
113	M123	X	-.585	-.585	0	%100
114	M123	Z	.338	.338	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	-3.073	-3.073	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	MP3A	X	-2.447	-2.447	0	%100
8	MP3A	Z	0	0	0	%100
9	MP4A	X	-2.447	-2.447	0	%100
10	MP4A	Z	0	0	0	%100
11	MP2A	X	-2.447	-2.447	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
12	MP2A	Z	0	0	0	%100
13	MP1A	X	-2.447	-2.447	0	%100
14	MP1A	Z	0	0	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	0	0	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	0	0	0	%100
19	M51B	X	-2.171	-2.171	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	-2.171	-2.171	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	-3.873	-3.873	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	-2.949	-2.949	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	-3.078	-3.078	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	-3.873	-3.873	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	-2.949	-2.949	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	-3.078	-3.078	0	%100
34	M91	Z	0	0	0	%100
35	M34	X	-.768	-.768	0	%100
36	M34	Z	0	0	0	%100
37	M35	X	-1.884	-1.884	0	%100
38	M35	Z	0	0	0	%100
39	M36	X	-1.884	-1.884	0	%100
40	M36	Z	0	0	0	%100
41	M37	X	-2.955	-2.955	0	%100
42	M37	Z	0	0	0	%100
43	M40	X	-2.171	-2.171	0	%100
44	M40	Z	0	0	0	%100
45	M41	X	0	0	0	%100
46	M41	Z	0	0	0	%100
47	M45	X	-.968	-.968	0	%100
48	M45	Z	0	0	0	%100
49	M46A	X	-2.949	-2.949	0	%100
50	M46A	Z	0	0	0	%100
51	M48	X	-3.078	-3.078	0	%100
52	M48	Z	0	0	0	%100
53	M50A	X	-.968	-.968	0	%100
54	M50A	Z	0	0	0	%100
55	M51C	X	0	0	0	%100
56	M51C	Z	0	0	0	%100
57	M53	X	0	0	0	%100
58	M53	Z	0	0	0	%100
59	M58A	X	-.768	-.768	0	%100
60	M58A	Z	0	0	0	%100
61	M59A	X	-1.884	-1.884	0	%100
62	M59A	Z	0	0	0	%100
63	M60	X	-1.884	-1.884	0	%100
64	M60	Z	0	0	0	%100
65	M61	X	-2.955	-2.955	0	%100
66	M61	Z	0	0	0	%100
67	M64	X	0	0	0	%100
68	M64	Z	0	0	0	%100
69	M65	X	-2.171	-2.171	0	%100
70	M65	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
71	M69	X	-.968	-.968	0	%100
72	M69	Z	0	0	0	%100
73	M70	X	0	0	0	%100
74	M70	Z	0	0	0	%100
75	M72	X	0	0	0	%100
76	M72	Z	0	0	0	%100
77	M74	X	-.968	-.968	0	%100
78	M74	Z	0	0	0	%100
79	M75	X	-2.949	-2.949	0	%100
80	M75	Z	0	0	0	%100
81	M77A	X	-3.078	-3.078	0	%100
82	M77A	Z	0	0	0	%100
83	M82	X	-2.283	-2.283	0	%100
84	M82	Z	0	0	0	%100
85	MP3C	X	-2.447	-2.447	0	%100
86	MP3C	Z	0	0	0	%100
87	MP4C	X	-2.447	-2.447	0	%100
88	MP4C	Z	0	0	0	%100
89	MP2C	X	-2.447	-2.447	0	%100
90	MP2C	Z	0	0	0	%100
91	MP1C	X	-2.447	-2.447	0	%100
92	MP1C	Z	0	0	0	%100
93	M91A	X	-2.283	-2.283	0	%100
94	M91A	Z	0	0	0	%100
95	MP3B	X	-2.447	-2.447	0	%100
96	MP3B	Z	0	0	0	%100
97	MP4B	X	-2.447	-2.447	0	%100
98	MP4B	Z	0	0	0	%100
99	MP2B	X	-2.447	-2.447	0	%100
100	MP2B	Z	0	0	0	%100
101	MP1B	X	-2.447	-2.447	0	%100
102	MP1B	Z	0	0	0	%100
103	M100	X	0	0	0	%100
104	M100	Z	0	0	0	%100
105	M105	X	-2.034	-2.034	0	%100
106	M105	Z	0	0	0	%100
107	M110	X	-2.034	-2.034	0	%100
108	M110	Z	0	0	0	%100
109	M121	X	-2.027	-2.027	0	%100
110	M121	Z	0	0	0	%100
111	M122	X	-2.027	-2.027	0	%100
112	M122	Z	0	0	0	%100
113	M123	X	0	0	0	%100
114	M123	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-.659	-.659	0	%100
2	M1	Z	-.38	-.38	0	%100
3	M4	X	-1.996	-1.996	0	%100
4	M4	Z	-1.152	-1.152	0	%100
5	M10	X	-.544	-.544	0	%100
6	M10	Z	-.314	-.314	0	%100
7	MP3A	X	-2.119	-2.119	0	%100
8	MP3A	Z	-1.224	-1.224	0	%100
9	MP4A	X	-2.119	-2.119	0	%100
10	MP4A	Z	-1.224	-1.224	0	%100
11	MP2A	X	-2.119	-2.119	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
12	MP2A	Z	-1.224	-1.224	0	%100
13	MP1A	X	-2.119	-2.119	0	%100
14	MP1A	Z	-1.224	-1.224	0	%100
15	M43	X	-.544	-.544	0	%100
16	M43	Z	-.314	-.314	0	%100
17	M46	X	-.853	-.853	0	%100
18	M46	Z	-.492	-.492	0	%100
19	M51B	X	-.627	-.627	0	%100
20	M51B	Z	-.362	-.362	0	%100
21	M52B	X	-2.506	-2.506	0	%100
22	M52B	Z	-1.447	-1.447	0	%100
23	M76	X	-2.516	-2.516	0	%100
24	M76	Z	-1.452	-1.452	0	%100
25	M77	X	-.851	-.851	0	%100
26	M77	Z	-.491	-.491	0	%100
27	M80	X	-.889	-.889	0	%100
28	M80	Z	-.513	-.513	0	%100
29	M84	X	-2.516	-2.516	0	%100
30	M84	Z	-1.452	-1.452	0	%100
31	M85	X	-3.405	-3.405	0	%100
32	M85	Z	-1.966	-1.966	0	%100
33	M91	X	-3.555	-3.555	0	%100
34	M91	Z	-2.052	-2.052	0	%100
35	M34	X	-1.996	-1.996	0	%100
36	M34	Z	-1.152	-1.152	0	%100
37	M35	X	-.544	-.544	0	%100
38	M35	Z	-.314	-.314	0	%100
39	M36	X	-.544	-.544	0	%100
40	M36	Z	-.314	-.314	0	%100
41	M37	X	-.853	-.853	0	%100
42	M37	Z	-.492	-.492	0	%100
43	M40	X	-2.506	-2.506	0	%100
44	M40	Z	-1.447	-1.447	0	%100
45	M41	X	-.627	-.627	0	%100
46	M41	Z	-.362	-.362	0	%100
47	M45	X	-2.516	-2.516	0	%100
48	M45	Z	-1.452	-1.452	0	%100
49	M46A	X	-3.405	-3.405	0	%100
50	M46A	Z	-1.966	-1.966	0	%100
51	M48	X	-3.555	-3.555	0	%100
52	M48	Z	-2.052	-2.052	0	%100
53	M50A	X	-2.516	-2.516	0	%100
54	M50A	Z	-1.452	-1.452	0	%100
55	M51C	X	-.851	-.851	0	%100
56	M51C	Z	-.491	-.491	0	%100
57	M53	X	-.889	-.889	0	%100
58	M53	Z	-.513	-.513	0	%100
59	M58A	X	0	0	0	%100
60	M58A	Z	0	0	0	%100
61	M59A	X	-2.176	-2.176	0	%100
62	M59A	Z	-1.256	-1.256	0	%100
63	M60	X	-2.176	-2.176	0	%100
64	M60	Z	-1.256	-1.256	0	%100
65	M61	X	-3.412	-3.412	0	%100
66	M61	Z	-1.97	-1.97	0	%100
67	M64	X	-.627	-.627	0	%100
68	M64	Z	-.362	-.362	0	%100
69	M65	X	-.627	-.627	0	%100
70	M65	Z	-.362	-.362	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
71	M69	X	0	0	0	%100
72	M69	Z	0	0	0	%100
73	M70	X	-.851	-.851	0	%100
74	M70	Z	-.491	-.491	0	%100
75	M72	X	-.889	-.889	0	%100
76	M72	Z	-.513	-.513	0	%100
77	M74	X	0	0	0	%100
78	M74	Z	0	0	0	%100
79	M75	X	-.851	-.851	0	%100
80	M75	Z	-.491	-.491	0	%100
81	M77A	X	-.889	-.889	0	%100
82	M77A	Z	-.513	-.513	0	%100
83	M82	X	-.659	-.659	0	%100
84	M82	Z	-.38	-.38	0	%100
85	MP3C	X	-2.119	-2.119	0	%100
86	MP3C	Z	-1.224	-1.224	0	%100
87	MP4C	X	-2.119	-2.119	0	%100
88	MP4C	Z	-1.224	-1.224	0	%100
89	MP2C	X	-2.119	-2.119	0	%100
90	MP2C	Z	-1.224	-1.224	0	%100
91	MP1C	X	-2.119	-2.119	0	%100
92	MP1C	Z	-1.224	-1.224	0	%100
93	M91A	X	-2.636	-2.636	0	%100
94	M91A	Z	-1.522	-1.522	0	%100
95	MP3B	X	-2.119	-2.119	0	%100
96	MP3B	Z	-1.224	-1.224	0	%100
97	MP4B	X	-2.119	-2.119	0	%100
98	MP4B	Z	-1.224	-1.224	0	%100
99	MP2B	X	-2.119	-2.119	0	%100
100	MP2B	Z	-1.224	-1.224	0	%100
101	MP1B	X	-2.119	-2.119	0	%100
102	MP1B	Z	-1.224	-1.224	0	%100
103	M100	X	-.587	-.587	0	%100
104	M100	Z	-.339	-.339	0	%100
105	M105	X	-.587	-.587	0	%100
106	M105	Z	-.339	-.339	0	%100
107	M110	X	-2.349	-2.349	0	%100
108	M110	Z	-1.356	-1.356	0	%100
109	M121	X	-.585	-.585	0	%100
110	M121	Z	-.338	-.338	0	%100
111	M122	X	-2.34	-2.34	0	%100
112	M122	Z	-1.351	-1.351	0	%100
113	M123	X	-.585	-.585	0	%100
114	M123	Z	-.338	-.338	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-1.141	-1.141	0	%100
2	M1	Z	-1.977	-1.977	0	%100
3	M4	X	-.384	-.384	0	%100
4	M4	Z	-.665	-.665	0	%100
5	M10	X	-.942	-.942	0	%100
6	M10	Z	-1.632	-1.632	0	%100
7	MP3A	X	-1.224	-1.224	0	%100
8	MP3A	Z	-2.119	-2.119	0	%100
9	MP4A	X	-1.224	-1.224	0	%100
10	MP4A	Z	-2.119	-2.119	0	%100
11	MP2A	X	-1.224	-1.224	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
12	MP2A	Z	-2.119	-2.119	0	%100
13	MP1A	X	-1.224	-1.224	0	%100
14	MP1A	Z	-2.119	-2.119	0	%100
15	M43	X	-.942	-.942	0	%100
16	M43	Z	-1.632	-1.632	0	%100
17	M46	X	-1.477	-1.477	0	%100
18	M46	Z	-2.559	-2.559	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	-1.085	-1.085	0	%100
22	M52B	Z	-1.88	-1.88	0	%100
23	M76	X	-.484	-.484	0	%100
24	M76	Z	-.839	-.839	0	%100
25	M77	X	0	0	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	-.484	-.484	0	%100
30	M84	Z	-.839	-.839	0	%100
31	M85	X	-1.474	-1.474	0	%100
32	M85	Z	-2.554	-2.554	0	%100
33	M91	X	-1.539	-1.539	0	%100
34	M91	Z	-2.666	-2.666	0	%100
35	M34	X	-1.536	-1.536	0	%100
36	M34	Z	-2.661	-2.661	0	%100
37	M35	X	0	0	0	%100
38	M35	Z	0	0	0	%100
39	M36	X	0	0	0	%100
40	M36	Z	0	0	0	%100
41	M37	X	0	0	0	%100
42	M37	Z	0	0	0	%100
43	M40	X	-1.085	-1.085	0	%100
44	M40	Z	-1.88	-1.88	0	%100
45	M41	X	-1.085	-1.085	0	%100
46	M41	Z	-1.88	-1.88	0	%100
47	M45	X	-1.937	-1.937	0	%100
48	M45	Z	-3.354	-3.354	0	%100
49	M46A	X	-1.474	-1.474	0	%100
50	M46A	Z	-2.554	-2.554	0	%100
51	M48	X	-1.539	-1.539	0	%100
52	M48	Z	-2.666	-2.666	0	%100
53	M50A	X	-1.937	-1.937	0	%100
54	M50A	Z	-3.354	-3.354	0	%100
55	M51C	X	-1.474	-1.474	0	%100
56	M51C	Z	-2.554	-2.554	0	%100
57	M53	X	-1.539	-1.539	0	%100
58	M53	Z	-2.666	-2.666	0	%100
59	M58A	X	-.384	-.384	0	%100
60	M58A	Z	-.665	-.665	0	%100
61	M59A	X	-.942	-.942	0	%100
62	M59A	Z	-1.632	-1.632	0	%100
63	M60	X	-.942	-.942	0	%100
64	M60	Z	-1.632	-1.632	0	%100
65	M61	X	-1.477	-1.477	0	%100
66	M61	Z	-2.559	-2.559	0	%100
67	M64	X	-1.085	-1.085	0	%100
68	M64	Z	-1.88	-1.88	0	%100
69	M65	X	0	0	0	%100
70	M65	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
71	M69	X	-.484	-.484	0	%100
72	M69	Z	-.839	-.839	0	%100
73	M70	X	-1.474	-1.474	0	%100
74	M70	Z	-2.554	-2.554	0	%100
75	M72	X	-1.539	-1.539	0	%100
76	M72	Z	-2.666	-2.666	0	%100
77	M74	X	-.484	-.484	0	%100
78	M74	Z	-.839	-.839	0	%100
79	M75	X	0	0	0	%100
80	M75	Z	0	0	0	%100
81	M77A	X	0	0	0	%100
82	M77A	Z	0	0	0	%100
83	M82	X	0	0	0	%100
84	M82	Z	0	0	0	%100
85	MP3C	X	-1.224	-1.224	0	%100
86	MP3C	Z	-2.119	-2.119	0	%100
87	MP4C	X	-1.224	-1.224	0	%100
88	MP4C	Z	-2.119	-2.119	0	%100
89	MP2C	X	-1.224	-1.224	0	%100
90	MP2C	Z	-2.119	-2.119	0	%100
91	MP1C	X	-1.224	-1.224	0	%100
92	MP1C	Z	-2.119	-2.119	0	%100
93	M91A	X	-1.141	-1.141	0	%100
94	M91A	Z	-1.977	-1.977	0	%100
95	MP3B	X	-1.224	-1.224	0	%100
96	MP3B	Z	-2.119	-2.119	0	%100
97	MP4B	X	-1.224	-1.224	0	%100
98	MP4B	Z	-2.119	-2.119	0	%100
99	MP2B	X	-1.224	-1.224	0	%100
100	MP2B	Z	-2.119	-2.119	0	%100
101	MP1B	X	-1.224	-1.224	0	%100
102	MP1B	Z	-2.119	-2.119	0	%100
103	M100	X	-1.017	-1.017	0	%100
104	M100	Z	-1.762	-1.762	0	%100
105	M105	X	0	0	0	%100
106	M105	Z	0	0	0	%100
107	M110	X	-1.017	-1.017	0	%100
108	M110	Z	-1.762	-1.762	0	%100
109	M121	X	0	0	0	%100
110	M121	Z	0	0	0	%100
111	M122	X	-1.013	-1.013	0	%100
112	M122	Z	-1.755	-1.755	0	%100
113	M123	X	-1.013	-1.013	0	%100
114	M123	Z	-1.755	-1.755	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	-.668	-.668	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	-.574	-.574	0	%100
7	MP3A	X	0	0	0	%100
8	MP3A	Z	-.453	-.453	0	%100
9	MP4A	X	0	0	0	%100
10	MP4A	Z	-.453	-.453	0	%100
11	MP2A	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
12	MP2A	Z	-.453	-.453	0	%100
13	MP1A	X	0	0	0	%100
14	MP1A	Z	-.453	-.453	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	-.574	-.574	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	-1.145	-1.145	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	-.159	-.159	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	-.159	-.159	0	%100
23	M76	X	0	0	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	0	0	0	%100
26	M77	Z	-.291	-.291	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	-.307	-.307	0	%100
29	M84	X	0	0	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	0	0	0	%100
32	M85	Z	-.291	-.291	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	-.307	-.307	0	%100
35	M34	X	0	0	0	%100
36	M34	Z	-.509	-.509	0	%100
37	M35	X	0	0	0	%100
38	M35	Z	-.143	-.143	0	%100
39	M36	X	0	0	0	%100
40	M36	Z	-.143	-.143	0	%100
41	M37	X	0	0	0	%100
42	M37	Z	-.286	-.286	0	%100
43	M40	X	0	0	0	%100
44	M40	Z	-.159	-.159	0	%100
45	M41	X	0	0	0	%100
46	M41	Z	-.636	-.636	0	%100
47	M45	X	0	0	0	%100
48	M45	Z	-.859	-.859	0	%100
49	M46A	X	0	0	0	%100
50	M46A	Z	-.291	-.291	0	%100
51	M48	X	0	0	0	%100
52	M48	Z	-.307	-.307	0	%100
53	M50A	X	0	0	0	%100
54	M50A	Z	-.859	-.859	0	%100
55	M51C	X	0	0	0	%100
56	M51C	Z	-1.166	-1.166	0	%100
57	M53	X	0	0	0	%100
58	M53	Z	-1.228	-1.228	0	%100
59	M58A	X	0	0	0	%100
60	M58A	Z	-.509	-.509	0	%100
61	M59A	X	0	0	0	%100
62	M59A	Z	-.143	-.143	0	%100
63	M60	X	0	0	0	%100
64	M60	Z	-.143	-.143	0	%100
65	M61	X	0	0	0	%100
66	M61	Z	-.286	-.286	0	%100
67	M64	X	0	0	0	%100
68	M64	Z	-.636	-.636	0	%100
69	M65	X	0	0	0	%100
70	M65	Z	-.159	-.159	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
71	M69	X	0	0	0	%100
72	M69	Z	-.859	-.859	0	%100
73	M70	X	0	0	0	%100
74	M70	Z	-1.166	-1.166	0	%100
75	M72	X	0	0	0	%100
76	M72	Z	-1.228	-1.228	0	%100
77	M74	X	0	0	0	%100
78	M74	Z	-.859	-.859	0	%100
79	M75	X	0	0	0	%100
80	M75	Z	-.291	-.291	0	%100
81	M77A	X	0	0	0	%100
82	M77A	Z	-.307	-.307	0	%100
83	M82	X	0	0	0	%100
84	M82	Z	-.167	-.167	0	%100
85	MP3C	X	0	0	0	%100
86	MP3C	Z	-.453	-.453	0	%100
87	MP4C	X	0	0	0	%100
88	MP4C	Z	-.453	-.453	0	%100
89	MP2C	X	0	0	0	%100
90	MP2C	Z	-.453	-.453	0	%100
91	MP1C	X	0	0	0	%100
92	MP1C	Z	-.453	-.453	0	%100
93	M91A	X	0	0	0	%100
94	M91A	Z	-.167	-.167	0	%100
95	MP3B	X	0	0	0	%100
96	MP3B	Z	-.453	-.453	0	%100
97	MP4B	X	0	0	0	%100
98	MP4B	Z	-.453	-.453	0	%100
99	MP2B	X	0	0	0	%100
100	MP2B	Z	-.453	-.453	0	%100
101	MP1B	X	0	0	0	%100
102	MP1B	Z	-.453	-.453	0	%100
103	M100	X	0	0	0	%100
104	M100	Z	-.548	-.548	0	%100
105	M105	X	0	0	0	%100
106	M105	Z	-.137	-.137	0	%100
107	M110	X	0	0	0	%100
108	M110	Z	-.137	-.137	0	%100
109	M121	X	0	0	0	%100
110	M121	Z	-.167	-.167	0	%100
111	M122	X	0	0	0	%100
112	M122	Z	-.167	-.167	0	%100
113	M123	X	0	0	0	%100
114	M123	Z	-.668	-.668	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.25	.25	0	%100
2	M1	Z	-.434	-.434	0	%100
3	M4	X	.085	.085	0	%100
4	M4	Z	-.147	-.147	0	%100
5	M10	X	.215	.215	0	%100
6	M10	Z	-.373	-.373	0	%100
7	MP3A	X	.227	.227	0	%100
8	MP3A	Z	-.392	-.392	0	%100
9	MP4A	X	.227	.227	0	%100
10	MP4A	Z	-.392	-.392	0	%100
11	MP2A	X	.227	.227	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
12	MP2A	Z	-.392	-.392	0	%100
13	MP1A	X	.227	.227	0	%100
14	MP1A	Z	-.392	-.392	0	%100
15	M43	X	.215	.215	0	%100
16	M43	Z	-.373	-.373	0	%100
17	M46	X	.429	.429	0	%100
18	M46	Z	-.743	-.743	0	%100
19	M51B	X	.238	.238	0	%100
20	M51B	Z	-.413	-.413	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	.143	.143	0	%100
24	M76	Z	-.248	-.248	0	%100
25	M77	X	.437	.437	0	%100
26	M77	Z	-.757	-.757	0	%100
27	M80	X	.461	.461	0	%100
28	M80	Z	-.798	-.798	0	%100
29	M84	X	.143	.143	0	%100
30	M84	Z	-.248	-.248	0	%100
31	M85	X	0	0	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	0	0	0	%100
35	M34	X	.085	.085	0	%100
36	M34	Z	-.147	-.147	0	%100
37	M35	X	.215	.215	0	%100
38	M35	Z	-.373	-.373	0	%100
39	M36	X	.215	.215	0	%100
40	M36	Z	-.373	-.373	0	%100
41	M37	X	.429	.429	0	%100
42	M37	Z	-.743	-.743	0	%100
43	M40	X	0	0	0	%100
44	M40	Z	0	0	0	%100
45	M41	X	.238	.238	0	%100
46	M41	Z	-.413	-.413	0	%100
47	M45	X	.143	.143	0	%100
48	M45	Z	-.248	-.248	0	%100
49	M46A	X	0	0	0	%100
50	M46A	Z	0	0	0	%100
51	M48	X	0	0	0	%100
52	M48	Z	0	0	0	%100
53	M50A	X	.143	.143	0	%100
54	M50A	Z	-.248	-.248	0	%100
55	M51C	X	.437	.437	0	%100
56	M51C	Z	-.757	-.757	0	%100
57	M53	X	.461	.461	0	%100
58	M53	Z	-.798	-.798	0	%100
59	M58A	X	.339	.339	0	%100
60	M58A	Z	-.587	-.587	0	%100
61	M59A	X	0	0	0	%100
62	M59A	Z	0	0	0	%100
63	M60	X	0	0	0	%100
64	M60	Z	0	0	0	%100
65	M61	X	0	0	0	%100
66	M61	Z	0	0	0	%100
67	M64	X	.238	.238	0	%100
68	M64	Z	-.413	-.413	0	%100
69	M65	X	.238	.238	0	%100
70	M65	Z	-.413	-.413	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
71	M69	X	.572	.572	0	%100
72	M69	Z	-.991	-.991	0	%100
73	M70	X	.437	.437	0	%100
74	M70	Z	-.757	-.757	0	%100
75	M72	X	.461	.461	0	%100
76	M72	Z	-.798	-.798	0	%100
77	M74	X	.572	.572	0	%100
78	M74	Z	-.991	-.991	0	%100
79	M75	X	.437	.437	0	%100
80	M75	Z	-.757	-.757	0	%100
81	M77A	X	.461	.461	0	%100
82	M77A	Z	-.798	-.798	0	%100
83	M82	X	.25	.25	0	%100
84	M82	Z	-.434	-.434	0	%100
85	MP3C	X	.227	.227	0	%100
86	MP3C	Z	-.392	-.392	0	%100
87	MP4C	X	.227	.227	0	%100
88	MP4C	Z	-.392	-.392	0	%100
89	MP2C	X	.227	.227	0	%100
90	MP2C	Z	-.392	-.392	0	%100
91	MP1C	X	.227	.227	0	%100
92	MP1C	Z	-.392	-.392	0	%100
93	M91A	X	0	0	0	%100
94	M91A	Z	0	0	0	%100
95	MP3B	X	.227	.227	0	%100
96	MP3B	Z	-.392	-.392	0	%100
97	MP4B	X	.227	.227	0	%100
98	MP4B	Z	-.392	-.392	0	%100
99	MP2B	X	.227	.227	0	%100
100	MP2B	Z	-.392	-.392	0	%100
101	MP1B	X	.227	.227	0	%100
102	MP1B	Z	-.392	-.392	0	%100
103	M100	X	.206	.206	0	%100
104	M100	Z	-.356	-.356	0	%100
105	M105	X	.206	.206	0	%100
106	M105	Z	-.356	-.356	0	%100
107	M110	X	0	0	0	%100
108	M110	Z	0	0	0	%100
109	M121	X	.251	.251	0	%100
110	M121	Z	-.434	-.434	0	%100
111	M122	X	0	0	0	%100
112	M122	Z	0	0	0	%100
113	M123	X	.251	.251	0	%100
114	M123	Z	-.434	-.434	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.145	.145	0	%100
2	M1	Z	-.083	-.083	0	%100
3	M4	X	.441	.441	0	%100
4	M4	Z	-.254	-.254	0	%100
5	M10	X	.124	.124	0	%100
6	M10	Z	-.072	-.072	0	%100
7	MP3A	X	.392	.392	0	%100
8	MP3A	Z	-.227	-.227	0	%100
9	MP4A	X	.392	.392	0	%100
10	MP4A	Z	-.227	-.227	0	%100
11	MP2A	X	.392	.392	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
12	MP2A	Z	-.227	-.227	0	%100
13	MP1A	X	.392	.392	0	%100
14	MP1A	Z	-.227	-.227	0	%100
15	M43	X	.124	.124	0	%100
16	M43	Z	-.072	-.072	0	%100
17	M46	X	.248	.248	0	%100
18	M46	Z	-.143	-.143	0	%100
19	M51B	X	.55	.55	0	%100
20	M51B	Z	-.318	-.318	0	%100
21	M52B	X	.138	.138	0	%100
22	M52B	Z	-.079	-.079	0	%100
23	M76	X	.743	.743	0	%100
24	M76	Z	-.429	-.429	0	%100
25	M77	X	1.01	1.01	0	%100
26	M77	Z	-.583	-.583	0	%100
27	M80	X	1.063	1.063	0	%100
28	M80	Z	-.614	-.614	0	%100
29	M84	X	.743	.743	0	%100
30	M84	Z	-.429	-.429	0	%100
31	M85	X	.252	.252	0	%100
32	M85	Z	-.146	-.146	0	%100
33	M91	X	.266	.266	0	%100
34	M91	Z	-.153	-.153	0	%100
35	M34	X	0	0	0	%100
36	M34	Z	0	0	0	%100
37	M35	X	.497	.497	0	%100
38	M35	Z	-.287	-.287	0	%100
39	M36	X	.497	.497	0	%100
40	M36	Z	-.287	-.287	0	%100
41	M37	X	.991	.991	0	%100
42	M37	Z	-.572	-.572	0	%100
43	M40	X	.138	.138	0	%100
44	M40	Z	-.079	-.079	0	%100
45	M41	X	.138	.138	0	%100
46	M41	Z	-.079	-.079	0	%100
47	M45	X	0	0	0	%100
48	M45	Z	0	0	0	%100
49	M46A	X	.252	.252	0	%100
50	M46A	Z	-.146	-.146	0	%100
51	M48	X	.266	.266	0	%100
52	M48	Z	-.153	-.153	0	%100
53	M50A	X	0	0	0	%100
54	M50A	Z	0	0	0	%100
55	M51C	X	.252	.252	0	%100
56	M51C	Z	-.146	-.146	0	%100
57	M53	X	.266	.266	0	%100
58	M53	Z	-.153	-.153	0	%100
59	M58A	X	.441	.441	0	%100
60	M58A	Z	-.254	-.254	0	%100
61	M59A	X	.124	.124	0	%100
62	M59A	Z	-.072	-.072	0	%100
63	M60	X	.124	.124	0	%100
64	M60	Z	-.072	-.072	0	%100
65	M61	X	.248	.248	0	%100
66	M61	Z	-.143	-.143	0	%100
67	M64	X	.138	.138	0	%100
68	M64	Z	-.079	-.079	0	%100
69	M65	X	.55	.55	0	%100
70	M65	Z	-.318	-.318	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
71	M69	X	.743	.743	0	%100
72	M69	Z	-.429	-.429	0	%100
73	M70	X	.252	.252	0	%100
74	M70	Z	-.146	-.146	0	%100
75	M72	X	.266	.266	0	%100
76	M72	Z	-.153	-.153	0	%100
77	M74	X	.743	.743	0	%100
78	M74	Z	-.429	-.429	0	%100
79	M75	X	1.01	1.01	0	%100
80	M75	Z	-.583	-.583	0	%100
81	M77A	X	1.063	1.063	0	%100
82	M77A	Z	-.614	-.614	0	%100
83	M82	X	.578	.578	0	%100
84	M82	Z	-.334	-.334	0	%100
85	MP3C	X	.392	.392	0	%100
86	MP3C	Z	-.227	-.227	0	%100
87	MP4C	X	.392	.392	0	%100
88	MP4C	Z	-.227	-.227	0	%100
89	MP2C	X	.392	.392	0	%100
90	MP2C	Z	-.227	-.227	0	%100
91	MP1C	X	.392	.392	0	%100
92	MP1C	Z	-.227	-.227	0	%100
93	M91A	X	.145	.145	0	%100
94	M91A	Z	-.083	-.083	0	%100
95	MP3B	X	.392	.392	0	%100
96	MP3B	Z	-.227	-.227	0	%100
97	MP4B	X	.392	.392	0	%100
98	MP4B	Z	-.227	-.227	0	%100
99	MP2B	X	.392	.392	0	%100
100	MP2B	Z	-.227	-.227	0	%100
101	MP1B	X	.392	.392	0	%100
102	MP1B	Z	-.227	-.227	0	%100
103	M100	X	.119	.119	0	%100
104	M100	Z	-.069	-.069	0	%100
105	M105	X	.475	.475	0	%100
106	M105	Z	-.274	-.274	0	%100
107	M110	X	.119	.119	0	%100
108	M110	Z	-.069	-.069	0	%100
109	M121	X	.579	.579	0	%100
110	M121	Z	-.334	-.334	0	%100
111	M122	X	.145	.145	0	%100
112	M122	Z	-.084	-.084	0	%100
113	M123	X	.145	.145	0	%100
114	M123	Z	-.084	-.084	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	.678	.678	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	MP3A	X	.453	.453	0	%100
8	MP3A	Z	0	0	0	%100
9	MP4A	X	.453	.453	0	%100
10	MP4A	Z	0	0	0	%100
11	MP2A	X	.453	.453	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
12	MP2A	Z	0	0	0	%100
13	MP1A	X	.453	.453	0	%100
14	MP1A	Z	0	0	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	0	0	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	0	0	0	%100
19	M51B	X	.477	.477	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	.477	.477	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	1.145	1.145	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	.874	.874	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	.921	.921	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	1.145	1.145	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	.874	.874	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	.921	.921	0	%100
34	M91	Z	0	0	0	%100
35	M34	X	.17	.17	0	%100
36	M34	Z	0	0	0	%100
37	M35	X	.43	.43	0	%100
38	M35	Z	0	0	0	%100
39	M36	X	.43	.43	0	%100
40	M36	Z	0	0	0	%100
41	M37	X	.859	.859	0	%100
42	M37	Z	0	0	0	%100
43	M40	X	.477	.477	0	%100
44	M40	Z	0	0	0	%100
45	M41	X	0	0	0	%100
46	M41	Z	0	0	0	%100
47	M45	X	.286	.286	0	%100
48	M45	Z	0	0	0	%100
49	M46A	X	.874	.874	0	%100
50	M46A	Z	0	0	0	%100
51	M48	X	.921	.921	0	%100
52	M48	Z	0	0	0	%100
53	M50A	X	.286	.286	0	%100
54	M50A	Z	0	0	0	%100
55	M51C	X	0	0	0	%100
56	M51C	Z	0	0	0	%100
57	M53	X	0	0	0	%100
58	M53	Z	0	0	0	%100
59	M58A	X	.17	.17	0	%100
60	M58A	Z	0	0	0	%100
61	M59A	X	.43	.43	0	%100
62	M59A	Z	0	0	0	%100
63	M60	X	.43	.43	0	%100
64	M60	Z	0	0	0	%100
65	M61	X	.859	.859	0	%100
66	M61	Z	0	0	0	%100
67	M64	X	0	0	0	%100
68	M64	Z	0	0	0	%100
69	M65	X	.477	.477	0	%100
70	M65	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
71	M69	X	.286	.286	0	%100
72	M69	Z	0	0	0	%100
73	M70	X	0	0	0	%100
74	M70	Z	0	0	0	%100
75	M72	X	0	0	0	%100
76	M72	Z	0	0	0	%100
77	M74	X	.286	.286	0	%100
78	M74	Z	0	0	0	%100
79	M75	X	.874	.874	0	%100
80	M75	Z	0	0	0	%100
81	M77A	X	.921	.921	0	%100
82	M77A	Z	0	0	0	%100
83	M82	X	.501	.501	0	%100
84	M82	Z	0	0	0	%100
85	MP3C	X	.453	.453	0	%100
86	MP3C	Z	0	0	0	%100
87	MP4C	X	.453	.453	0	%100
88	MP4C	Z	0	0	0	%100
89	MP2C	X	.453	.453	0	%100
90	MP2C	Z	0	0	0	%100
91	MP1C	X	.453	.453	0	%100
92	MP1C	Z	0	0	0	%100
93	M91A	X	.501	.501	0	%100
94	M91A	Z	0	0	0	%100
95	MP3B	X	.453	.453	0	%100
96	MP3B	Z	0	0	0	%100
97	MP4B	X	.453	.453	0	%100
98	MP4B	Z	0	0	0	%100
99	MP2B	X	.453	.453	0	%100
100	MP2B	Z	0	0	0	%100
101	MP1B	X	.453	.453	0	%100
102	MP1B	Z	0	0	0	%100
103	M100	X	0	0	0	%100
104	M100	Z	0	0	0	%100
105	M105	X	.411	.411	0	%100
106	M105	Z	0	0	0	%100
107	M110	X	.411	.411	0	%100
108	M110	Z	0	0	0	%100
109	M121	X	.501	.501	0	%100
110	M121	Z	0	0	0	%100
111	M122	X	.501	.501	0	%100
112	M122	Z	0	0	0	%100
113	M123	X	0	0	0	%100
114	M123	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.145	.145	0	%100
2	M1	Z	.083	.083	0	%100
3	M4	X	.441	.441	0	%100
4	M4	Z	.254	.254	0	%100
5	M10	X	.124	.124	0	%100
6	M10	Z	.072	.072	0	%100
7	MP3A	X	.392	.392	0	%100
8	MP3A	Z	.227	.227	0	%100
9	MP4A	X	.392	.392	0	%100
10	MP4A	Z	.227	.227	0	%100
11	MP2A	X	.392	.392	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
12	MP2A	Z	.227	.227	0	%100
13	MP1A	X	.392	.392	0	%100
14	MP1A	Z	.227	.227	0	%100
15	M43	X	.124	.124	0	%100
16	M43	Z	.072	.072	0	%100
17	M46	X	.248	.248	0	%100
18	M46	Z	.143	.143	0	%100
19	M51B	X	.138	.138	0	%100
20	M51B	Z	.079	.079	0	%100
21	M52B	X	.55	.55	0	%100
22	M52B	Z	.318	.318	0	%100
23	M76	X	.743	.743	0	%100
24	M76	Z	.429	.429	0	%100
25	M77	X	.252	.252	0	%100
26	M77	Z	.146	.146	0	%100
27	M80	X	.266	.266	0	%100
28	M80	Z	.153	.153	0	%100
29	M84	X	.743	.743	0	%100
30	M84	Z	.429	.429	0	%100
31	M85	X	1.01	1.01	0	%100
32	M85	Z	.583	.583	0	%100
33	M91	X	1.063	1.063	0	%100
34	M91	Z	.614	.614	0	%100
35	M34	X	.441	.441	0	%100
36	M34	Z	.254	.254	0	%100
37	M35	X	.124	.124	0	%100
38	M35	Z	.072	.072	0	%100
39	M36	X	.124	.124	0	%100
40	M36	Z	.072	.072	0	%100
41	M37	X	.248	.248	0	%100
42	M37	Z	.143	.143	0	%100
43	M40	X	.55	.55	0	%100
44	M40	Z	.318	.318	0	%100
45	M41	X	.138	.138	0	%100
46	M41	Z	.079	.079	0	%100
47	M45	X	.743	.743	0	%100
48	M45	Z	.429	.429	0	%100
49	M46A	X	1.01	1.01	0	%100
50	M46A	Z	.583	.583	0	%100
51	M48	X	1.063	1.063	0	%100
52	M48	Z	.614	.614	0	%100
53	M50A	X	.743	.743	0	%100
54	M50A	Z	.429	.429	0	%100
55	M51C	X	.252	.252	0	%100
56	M51C	Z	.146	.146	0	%100
57	M53	X	.266	.266	0	%100
58	M53	Z	.153	.153	0	%100
59	M58A	X	0	0	0	%100
60	M58A	Z	0	0	0	%100
61	M59A	X	.497	.497	0	%100
62	M59A	Z	.287	.287	0	%100
63	M60	X	.497	.497	0	%100
64	M60	Z	.287	.287	0	%100
65	M61	X	.991	.991	0	%100
66	M61	Z	.572	.572	0	%100
67	M64	X	.138	.138	0	%100
68	M64	Z	.079	.079	0	%100
69	M65	X	.138	.138	0	%100
70	M65	Z	.079	.079	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
71	M69	X	0	0	0	%100
72	M69	Z	0	0	0	%100
73	M70	X	.252	.252	0	%100
74	M70	Z	.146	.146	0	%100
75	M72	X	.266	.266	0	%100
76	M72	Z	.153	.153	0	%100
77	M74	X	0	0	0	%100
78	M74	Z	0	0	0	%100
79	M75	X	.252	.252	0	%100
80	M75	Z	.146	.146	0	%100
81	M77A	X	.266	.266	0	%100
82	M77A	Z	.153	.153	0	%100
83	M82	X	.145	.145	0	%100
84	M82	Z	.083	.083	0	%100
85	MP3C	X	.392	.392	0	%100
86	MP3C	Z	.227	.227	0	%100
87	MP4C	X	.392	.392	0	%100
88	MP4C	Z	.227	.227	0	%100
89	MP2C	X	.392	.392	0	%100
90	MP2C	Z	.227	.227	0	%100
91	MP1C	X	.392	.392	0	%100
92	MP1C	Z	.227	.227	0	%100
93	M91A	X	.578	.578	0	%100
94	M91A	Z	.334	.334	0	%100
95	MP3B	X	.392	.392	0	%100
96	MP3B	Z	.227	.227	0	%100
97	MP4B	X	.392	.392	0	%100
98	MP4B	Z	.227	.227	0	%100
99	MP2B	X	.392	.392	0	%100
100	MP2B	Z	.227	.227	0	%100
101	MP1B	X	.392	.392	0	%100
102	MP1B	Z	.227	.227	0	%100
103	M100	X	.119	.119	0	%100
104	M100	Z	.069	.069	0	%100
105	M105	X	.119	.119	0	%100
106	M105	Z	.069	.069	0	%100
107	M110	X	.475	.475	0	%100
108	M110	Z	.274	.274	0	%100
109	M121	X	.145	.145	0	%100
110	M121	Z	.084	.084	0	%100
111	M122	X	.579	.579	0	%100
112	M122	Z	.334	.334	0	%100
113	M123	X	.145	.145	0	%100
114	M123	Z	.084	.084	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.25	.25	0	%100
2	M1	Z	.434	.434	0	%100
3	M4	X	.085	.085	0	%100
4	M4	Z	.147	.147	0	%100
5	M10	X	.215	.215	0	%100
6	M10	Z	.373	.373	0	%100
7	MP3A	X	.227	.227	0	%100
8	MP3A	Z	.392	.392	0	%100
9	MP4A	X	.227	.227	0	%100
10	MP4A	Z	.392	.392	0	%100
11	MP2A	X	.227	.227	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
12	MP2A	Z	.392	.392	0	%100
13	MP1A	X	.227	.227	0	%100
14	MP1A	Z	.392	.392	0	%100
15	M43	X	.215	.215	0	%100
16	M43	Z	.373	.373	0	%100
17	M46	X	.429	.429	0	%100
18	M46	Z	.743	.743	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	.238	.238	0	%100
22	M52B	Z	.413	.413	0	%100
23	M76	X	.143	.143	0	%100
24	M76	Z	.248	.248	0	%100
25	M77	X	0	0	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	.143	.143	0	%100
30	M84	Z	.248	.248	0	%100
31	M85	X	.437	.437	0	%100
32	M85	Z	.757	.757	0	%100
33	M91	X	.461	.461	0	%100
34	M91	Z	.798	.798	0	%100
35	M34	X	.339	.339	0	%100
36	M34	Z	.587	.587	0	%100
37	M35	X	0	0	0	%100
38	M35	Z	0	0	0	%100
39	M36	X	0	0	0	%100
40	M36	Z	0	0	0	%100
41	M37	X	0	0	0	%100
42	M37	Z	0	0	0	%100
43	M40	X	.238	.238	0	%100
44	M40	Z	.413	.413	0	%100
45	M41	X	.238	.238	0	%100
46	M41	Z	.413	.413	0	%100
47	M45	X	.572	.572	0	%100
48	M45	Z	.991	.991	0	%100
49	M46A	X	.437	.437	0	%100
50	M46A	Z	.757	.757	0	%100
51	M48	X	.461	.461	0	%100
52	M48	Z	.798	.798	0	%100
53	M50A	X	.572	.572	0	%100
54	M50A	Z	.991	.991	0	%100
55	M51C	X	.437	.437	0	%100
56	M51C	Z	.757	.757	0	%100
57	M53	X	.461	.461	0	%100
58	M53	Z	.798	.798	0	%100
59	M58A	X	.085	.085	0	%100
60	M58A	Z	.147	.147	0	%100
61	M59A	X	.215	.215	0	%100
62	M59A	Z	.373	.373	0	%100
63	M60	X	.215	.215	0	%100
64	M60	Z	.373	.373	0	%100
65	M61	X	.429	.429	0	%100
66	M61	Z	.743	.743	0	%100
67	M64	X	.238	.238	0	%100
68	M64	Z	.413	.413	0	%100
69	M65	X	0	0	0	%100
70	M65	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
71	M69	X	.143	.143	0	%100
72	M69	Z	.248	.248	0	%100
73	M70	X	.437	.437	0	%100
74	M70	Z	.757	.757	0	%100
75	M72	X	.461	.461	0	%100
76	M72	Z	.798	.798	0	%100
77	M74	X	.143	.143	0	%100
78	M74	Z	.248	.248	0	%100
79	M75	X	0	0	0	%100
80	M75	Z	0	0	0	%100
81	M77A	X	0	0	0	%100
82	M77A	Z	0	0	0	%100
83	M82	X	0	0	0	%100
84	M82	Z	0	0	0	%100
85	MP3C	X	.227	.227	0	%100
86	MP3C	Z	.392	.392	0	%100
87	MP4C	X	.227	.227	0	%100
88	MP4C	Z	.392	.392	0	%100
89	MP2C	X	.227	.227	0	%100
90	MP2C	Z	.392	.392	0	%100
91	MP1C	X	.227	.227	0	%100
92	MP1C	Z	.392	.392	0	%100
93	M91A	X	.25	.25	0	%100
94	M91A	Z	.434	.434	0	%100
95	MP3B	X	.227	.227	0	%100
96	MP3B	Z	.392	.392	0	%100
97	MP4B	X	.227	.227	0	%100
98	MP4B	Z	.392	.392	0	%100
99	MP2B	X	.227	.227	0	%100
100	MP2B	Z	.392	.392	0	%100
101	MP1B	X	.227	.227	0	%100
102	MP1B	Z	.392	.392	0	%100
103	M100	X	.206	.206	0	%100
104	M100	Z	.356	.356	0	%100
105	M105	X	0	0	0	%100
106	M105	Z	0	0	0	%100
107	M110	X	.206	.206	0	%100
108	M110	Z	.356	.356	0	%100
109	M121	X	0	0	0	%100
110	M121	Z	0	0	0	%100
111	M122	X	.251	.251	0	%100
112	M122	Z	.434	.434	0	%100
113	M123	X	.251	.251	0	%100
114	M123	Z	.434	.434	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	.668	.668	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	.574	.574	0	%100
7	MP3A	X	0	0	0	%100
8	MP3A	Z	.453	.453	0	%100
9	MP4A	X	0	0	0	%100
10	MP4A	Z	.453	.453	0	%100
11	MP2A	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
12	MP2A	Z	.453	.453	0	%100
13	MP1A	X	0	0	0	%100
14	MP1A	Z	.453	.453	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	.574	.574	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	1.145	1.145	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	.159	.159	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	.159	.159	0	%100
23	M76	X	0	0	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	0	0	0	%100
26	M77	Z	.291	.291	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	.307	.307	0	%100
29	M84	X	0	0	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	0	0	0	%100
32	M85	Z	.291	.291	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	.307	.307	0	%100
35	M34	X	0	0	0	%100
36	M34	Z	.509	.509	0	%100
37	M35	X	0	0	0	%100
38	M35	Z	.143	.143	0	%100
39	M36	X	0	0	0	%100
40	M36	Z	.143	.143	0	%100
41	M37	X	0	0	0	%100
42	M37	Z	.286	.286	0	%100
43	M40	X	0	0	0	%100
44	M40	Z	.159	.159	0	%100
45	M41	X	0	0	0	%100
46	M41	Z	.636	.636	0	%100
47	M45	X	0	0	0	%100
48	M45	Z	.859	.859	0	%100
49	M46A	X	0	0	0	%100
50	M46A	Z	.291	.291	0	%100
51	M48	X	0	0	0	%100
52	M48	Z	.307	.307	0	%100
53	M50A	X	0	0	0	%100
54	M50A	Z	.859	.859	0	%100
55	M51C	X	0	0	0	%100
56	M51C	Z	1.166	1.166	0	%100
57	M53	X	0	0	0	%100
58	M53	Z	1.228	1.228	0	%100
59	M58A	X	0	0	0	%100
60	M58A	Z	.509	.509	0	%100
61	M59A	X	0	0	0	%100
62	M59A	Z	.143	.143	0	%100
63	M60	X	0	0	0	%100
64	M60	Z	.143	.143	0	%100
65	M61	X	0	0	0	%100
66	M61	Z	.286	.286	0	%100
67	M64	X	0	0	0	%100
68	M64	Z	.636	.636	0	%100
69	M65	X	0	0	0	%100
70	M65	Z	.159	.159	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
71	M69	X	0	0	0	%100
72	M69	Z	.859	.859	0	%100
73	M70	X	0	0	0	%100
74	M70	Z	1.166	1.166	0	%100
75	M72	X	0	0	0	%100
76	M72	Z	1.228	1.228	0	%100
77	M74	X	0	0	0	%100
78	M74	Z	.859	.859	0	%100
79	M75	X	0	0	0	%100
80	M75	Z	.291	.291	0	%100
81	M77A	X	0	0	0	%100
82	M77A	Z	.307	.307	0	%100
83	M82	X	0	0	0	%100
84	M82	Z	.167	.167	0	%100
85	MP3C	X	0	0	0	%100
86	MP3C	Z	.453	.453	0	%100
87	MP4C	X	0	0	0	%100
88	MP4C	Z	.453	.453	0	%100
89	MP2C	X	0	0	0	%100
90	MP2C	Z	.453	.453	0	%100
91	MP1C	X	0	0	0	%100
92	MP1C	Z	.453	.453	0	%100
93	M91A	X	0	0	0	%100
94	M91A	Z	.167	.167	0	%100
95	MP3B	X	0	0	0	%100
96	MP3B	Z	.453	.453	0	%100
97	MP4B	X	0	0	0	%100
98	MP4B	Z	.453	.453	0	%100
99	MP2B	X	0	0	0	%100
100	MP2B	Z	.453	.453	0	%100
101	MP1B	X	0	0	0	%100
102	MP1B	Z	.453	.453	0	%100
103	M100	X	0	0	0	%100
104	M100	Z	.548	.548	0	%100
105	M105	X	0	0	0	%100
106	M105	Z	.137	.137	0	%100
107	M110	X	0	0	0	%100
108	M110	Z	.137	.137	0	%100
109	M121	X	0	0	0	%100
110	M121	Z	.167	.167	0	%100
111	M122	X	0	0	0	%100
112	M122	Z	.167	.167	0	%100
113	M123	X	0	0	0	%100
114	M123	Z	.668	.668	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-.25	-.25	0	%100
2	M1	Z	.434	.434	0	%100
3	M4	X	-.085	-.085	0	%100
4	M4	Z	.147	.147	0	%100
5	M10	X	-.215	-.215	0	%100
6	M10	Z	.373	.373	0	%100
7	MP3A	X	-.227	-.227	0	%100
8	MP3A	Z	.392	.392	0	%100
9	MP4A	X	-.227	-.227	0	%100
10	MP4A	Z	.392	.392	0	%100
11	MP2A	X	-.227	-.227	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
12	MP2A	Z	.392	.392	0	%100
13	MP1A	X	-.227	-.227	0	%100
14	MP1A	Z	.392	.392	0	%100
15	M43	X	-.215	-.215	0	%100
16	M43	Z	.373	.373	0	%100
17	M46	X	-.429	-.429	0	%100
18	M46	Z	.743	.743	0	%100
19	M51B	X	-.238	-.238	0	%100
20	M51B	Z	.413	.413	0	%100
21	M52B	X	0	0	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	-.143	-.143	0	%100
24	M76	Z	.248	.248	0	%100
25	M77	X	-.437	-.437	0	%100
26	M77	Z	.757	.757	0	%100
27	M80	X	-.461	-.461	0	%100
28	M80	Z	.798	.798	0	%100
29	M84	X	-.143	-.143	0	%100
30	M84	Z	.248	.248	0	%100
31	M85	X	0	0	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	0	0	0	%100
34	M91	Z	0	0	0	%100
35	M34	X	-.085	-.085	0	%100
36	M34	Z	.147	.147	0	%100
37	M35	X	-.215	-.215	0	%100
38	M35	Z	.373	.373	0	%100
39	M36	X	-.215	-.215	0	%100
40	M36	Z	.373	.373	0	%100
41	M37	X	-.429	-.429	0	%100
42	M37	Z	.743	.743	0	%100
43	M40	X	0	0	0	%100
44	M40	Z	0	0	0	%100
45	M41	X	-.238	-.238	0	%100
46	M41	Z	.413	.413	0	%100
47	M45	X	-.143	-.143	0	%100
48	M45	Z	.248	.248	0	%100
49	M46A	X	0	0	0	%100
50	M46A	Z	0	0	0	%100
51	M48	X	0	0	0	%100
52	M48	Z	0	0	0	%100
53	M50A	X	-.143	-.143	0	%100
54	M50A	Z	.248	.248	0	%100
55	M51C	X	-.437	-.437	0	%100
56	M51C	Z	.757	.757	0	%100
57	M53	X	-.461	-.461	0	%100
58	M53	Z	.798	.798	0	%100
59	M58A	X	-.339	-.339	0	%100
60	M58A	Z	.587	.587	0	%100
61	M59A	X	0	0	0	%100
62	M59A	Z	0	0	0	%100
63	M60	X	0	0	0	%100
64	M60	Z	0	0	0	%100
65	M61	X	0	0	0	%100
66	M61	Z	0	0	0	%100
67	M64	X	-.238	-.238	0	%100
68	M64	Z	.413	.413	0	%100
69	M65	X	-.238	-.238	0	%100
70	M65	Z	.413	.413	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
71	M69	X	-.572	-.572	0	%100
72	M69	Z	.991	.991	0	%100
73	M70	X	-.437	-.437	0	%100
74	M70	Z	.757	.757	0	%100
75	M72	X	-.461	-.461	0	%100
76	M72	Z	.798	.798	0	%100
77	M74	X	-.572	-.572	0	%100
78	M74	Z	.991	.991	0	%100
79	M75	X	-.437	-.437	0	%100
80	M75	Z	.757	.757	0	%100
81	M77A	X	-.461	-.461	0	%100
82	M77A	Z	.798	.798	0	%100
83	M82	X	-.25	-.25	0	%100
84	M82	Z	.434	.434	0	%100
85	MP3C	X	-.227	-.227	0	%100
86	MP3C	Z	.392	.392	0	%100
87	MP4C	X	-.227	-.227	0	%100
88	MP4C	Z	.392	.392	0	%100
89	MP2C	X	-.227	-.227	0	%100
90	MP2C	Z	.392	.392	0	%100
91	MP1C	X	-.227	-.227	0	%100
92	MP1C	Z	.392	.392	0	%100
93	M91A	X	0	0	0	%100
94	M91A	Z	0	0	0	%100
95	MP3B	X	-.227	-.227	0	%100
96	MP3B	Z	.392	.392	0	%100
97	MP4B	X	-.227	-.227	0	%100
98	MP4B	Z	.392	.392	0	%100
99	MP2B	X	-.227	-.227	0	%100
100	MP2B	Z	.392	.392	0	%100
101	MP1B	X	-.227	-.227	0	%100
102	MP1B	Z	.392	.392	0	%100
103	M100	X	-.206	-.206	0	%100
104	M100	Z	.356	.356	0	%100
105	M105	X	-.206	-.206	0	%100
106	M105	Z	.356	.356	0	%100
107	M110	X	0	0	0	%100
108	M110	Z	0	0	0	%100
109	M121	X	-.251	-.251	0	%100
110	M121	Z	.434	.434	0	%100
111	M122	X	0	0	0	%100
112	M122	Z	0	0	0	%100
113	M123	X	-.251	-.251	0	%100
114	M123	Z	.434	.434	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-.145	-.145	0	%100
2	M1	Z	.083	.083	0	%100
3	M4	X	-.441	-.441	0	%100
4	M4	Z	.254	.254	0	%100
5	M10	X	-.124	-.124	0	%100
6	M10	Z	.072	.072	0	%100
7	MP3A	X	-.392	-.392	0	%100
8	MP3A	Z	.227	.227	0	%100
9	MP4A	X	-.392	-.392	0	%100
10	MP4A	Z	.227	.227	0	%100
11	MP2A	X	-.392	-.392	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
12	MP2A	Z	.227	.227	0	%100
13	MP1A	X	-.392	-.392	0	%100
14	MP1A	Z	.227	.227	0	%100
15	M43	X	-.124	-.124	0	%100
16	M43	Z	.072	.072	0	%100
17	M46	X	-.248	-.248	0	%100
18	M46	Z	.143	.143	0	%100
19	M51B	X	-.55	-.55	0	%100
20	M51B	Z	.318	.318	0	%100
21	M52B	X	-.138	-.138	0	%100
22	M52B	Z	.079	.079	0	%100
23	M76	X	-.743	-.743	0	%100
24	M76	Z	.429	.429	0	%100
25	M77	X	-1.01	-1.01	0	%100
26	M77	Z	.583	.583	0	%100
27	M80	X	-1.063	-1.063	0	%100
28	M80	Z	.614	.614	0	%100
29	M84	X	-.743	-.743	0	%100
30	M84	Z	.429	.429	0	%100
31	M85	X	-.252	-.252	0	%100
32	M85	Z	.146	.146	0	%100
33	M91	X	-.266	-.266	0	%100
34	M91	Z	.153	.153	0	%100
35	M34	X	0	0	0	%100
36	M34	Z	0	0	0	%100
37	M35	X	-.497	-.497	0	%100
38	M35	Z	.287	.287	0	%100
39	M36	X	-.497	-.497	0	%100
40	M36	Z	.287	.287	0	%100
41	M37	X	-.991	-.991	0	%100
42	M37	Z	.572	.572	0	%100
43	M40	X	-.138	-.138	0	%100
44	M40	Z	.079	.079	0	%100
45	M41	X	-.138	-.138	0	%100
46	M41	Z	.079	.079	0	%100
47	M45	X	0	0	0	%100
48	M45	Z	0	0	0	%100
49	M46A	X	-.252	-.252	0	%100
50	M46A	Z	.146	.146	0	%100
51	M48	X	-.266	-.266	0	%100
52	M48	Z	.153	.153	0	%100
53	M50A	X	0	0	0	%100
54	M50A	Z	0	0	0	%100
55	M51C	X	-.252	-.252	0	%100
56	M51C	Z	.146	.146	0	%100
57	M53	X	-.266	-.266	0	%100
58	M53	Z	.153	.153	0	%100
59	M58A	X	-.441	-.441	0	%100
60	M58A	Z	.254	.254	0	%100
61	M59A	X	-.124	-.124	0	%100
62	M59A	Z	.072	.072	0	%100
63	M60	X	-.124	-.124	0	%100
64	M60	Z	.072	.072	0	%100
65	M61	X	-.248	-.248	0	%100
66	M61	Z	.143	.143	0	%100
67	M64	X	-.138	-.138	0	%100
68	M64	Z	.079	.079	0	%100
69	M65	X	-.55	-.55	0	%100
70	M65	Z	.318	.318	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
71	M69	X	-.743	-.743	0	%100
72	M69	Z	.429	.429	0	%100
73	M70	X	-.252	-.252	0	%100
74	M70	Z	.146	.146	0	%100
75	M72	X	-.266	-.266	0	%100
76	M72	Z	.153	.153	0	%100
77	M74	X	-.743	-.743	0	%100
78	M74	Z	.429	.429	0	%100
79	M75	X	-1.01	-1.01	0	%100
80	M75	Z	.583	.583	0	%100
81	M77A	X	-1.063	-1.063	0	%100
82	M77A	Z	.614	.614	0	%100
83	M82	X	-.578	-.578	0	%100
84	M82	Z	.334	.334	0	%100
85	MP3C	X	-.392	-.392	0	%100
86	MP3C	Z	.227	.227	0	%100
87	MP4C	X	-.392	-.392	0	%100
88	MP4C	Z	.227	.227	0	%100
89	MP2C	X	-.392	-.392	0	%100
90	MP2C	Z	.227	.227	0	%100
91	MP1C	X	-.392	-.392	0	%100
92	MP1C	Z	.227	.227	0	%100
93	M91A	X	-.145	-.145	0	%100
94	M91A	Z	.083	.083	0	%100
95	MP3B	X	-.392	-.392	0	%100
96	MP3B	Z	.227	.227	0	%100
97	MP4B	X	-.392	-.392	0	%100
98	MP4B	Z	.227	.227	0	%100
99	MP2B	X	-.392	-.392	0	%100
100	MP2B	Z	.227	.227	0	%100
101	MP1B	X	-.392	-.392	0	%100
102	MP1B	Z	.227	.227	0	%100
103	M100	X	-.119	-.119	0	%100
104	M100	Z	.069	.069	0	%100
105	M105	X	-.475	-.475	0	%100
106	M105	Z	.274	.274	0	%100
107	M110	X	-.119	-.119	0	%100
108	M110	Z	.069	.069	0	%100
109	M121	X	-.579	-.579	0	%100
110	M121	Z	.334	.334	0	%100
111	M122	X	-.145	-.145	0	%100
112	M122	Z	.084	.084	0	%100
113	M123	X	-.145	-.145	0	%100
114	M123	Z	.084	.084	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	-.678	-.678	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	MP3A	X	-.453	-.453	0	%100
8	MP3A	Z	0	0	0	%100
9	MP4A	X	-.453	-.453	0	%100
10	MP4A	Z	0	0	0	%100
11	MP2A	X	-.453	-.453	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
12	MP2A	Z	0	0	0	%100
13	MP1A	X	-.453	-.453	0	%100
14	MP1A	Z	0	0	0	%100
15	M43	X	0	0	0	%100
16	M43	Z	0	0	0	%100
17	M46	X	0	0	0	%100
18	M46	Z	0	0	0	%100
19	M51B	X	-.477	-.477	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	-.477	-.477	0	%100
22	M52B	Z	0	0	0	%100
23	M76	X	-1.145	-1.145	0	%100
24	M76	Z	0	0	0	%100
25	M77	X	-.874	-.874	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	-.921	-.921	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	-1.145	-1.145	0	%100
30	M84	Z	0	0	0	%100
31	M85	X	-.874	-.874	0	%100
32	M85	Z	0	0	0	%100
33	M91	X	-.921	-.921	0	%100
34	M91	Z	0	0	0	%100
35	M34	X	-.17	-.17	0	%100
36	M34	Z	0	0	0	%100
37	M35	X	-.43	-.43	0	%100
38	M35	Z	0	0	0	%100
39	M36	X	-.43	-.43	0	%100
40	M36	Z	0	0	0	%100
41	M37	X	-.859	-.859	0	%100
42	M37	Z	0	0	0	%100
43	M40	X	-.477	-.477	0	%100
44	M40	Z	0	0	0	%100
45	M41	X	0	0	0	%100
46	M41	Z	0	0	0	%100
47	M45	X	-.286	-.286	0	%100
48	M45	Z	0	0	0	%100
49	M46A	X	-.874	-.874	0	%100
50	M46A	Z	0	0	0	%100
51	M48	X	-.921	-.921	0	%100
52	M48	Z	0	0	0	%100
53	M50A	X	-.286	-.286	0	%100
54	M50A	Z	0	0	0	%100
55	M51C	X	0	0	0	%100
56	M51C	Z	0	0	0	%100
57	M53	X	0	0	0	%100
58	M53	Z	0	0	0	%100
59	M58A	X	-.17	-.17	0	%100
60	M58A	Z	0	0	0	%100
61	M59A	X	-.43	-.43	0	%100
62	M59A	Z	0	0	0	%100
63	M60	X	-.43	-.43	0	%100
64	M60	Z	0	0	0	%100
65	M61	X	-.859	-.859	0	%100
66	M61	Z	0	0	0	%100
67	M64	X	0	0	0	%100
68	M64	Z	0	0	0	%100
69	M65	X	-.477	-.477	0	%100
70	M65	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
71	M69	X	-.286	-.286	0	%100
72	M69	Z	0	0	0	%100
73	M70	X	0	0	0	%100
74	M70	Z	0	0	0	%100
75	M72	X	0	0	0	%100
76	M72	Z	0	0	0	%100
77	M74	X	-.286	-.286	0	%100
78	M74	Z	0	0	0	%100
79	M75	X	-.874	-.874	0	%100
80	M75	Z	0	0	0	%100
81	M77A	X	-.921	-.921	0	%100
82	M77A	Z	0	0	0	%100
83	M82	X	-.501	-.501	0	%100
84	M82	Z	0	0	0	%100
85	MP3C	X	-.453	-.453	0	%100
86	MP3C	Z	0	0	0	%100
87	MP4C	X	-.453	-.453	0	%100
88	MP4C	Z	0	0	0	%100
89	MP2C	X	-.453	-.453	0	%100
90	MP2C	Z	0	0	0	%100
91	MP1C	X	-.453	-.453	0	%100
92	MP1C	Z	0	0	0	%100
93	M91A	X	-.501	-.501	0	%100
94	M91A	Z	0	0	0	%100
95	MP3B	X	-.453	-.453	0	%100
96	MP3B	Z	0	0	0	%100
97	MP4B	X	-.453	-.453	0	%100
98	MP4B	Z	0	0	0	%100
99	MP2B	X	-.453	-.453	0	%100
100	MP2B	Z	0	0	0	%100
101	MP1B	X	-.453	-.453	0	%100
102	MP1B	Z	0	0	0	%100
103	M100	X	0	0	0	%100
104	M100	Z	0	0	0	%100
105	M105	X	-.411	-.411	0	%100
106	M105	Z	0	0	0	%100
107	M110	X	-.411	-.411	0	%100
108	M110	Z	0	0	0	%100
109	M121	X	-.501	-.501	0	%100
110	M121	Z	0	0	0	%100
111	M122	X	-.501	-.501	0	%100
112	M122	Z	0	0	0	%100
113	M123	X	0	0	0	%100
114	M123	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-.145	-.145	0	%100
2	M1	Z	-.083	-.083	0	%100
3	M4	X	-.441	-.441	0	%100
4	M4	Z	-.254	-.254	0	%100
5	M10	X	-.124	-.124	0	%100
6	M10	Z	-.072	-.072	0	%100
7	MP3A	X	-.392	-.392	0	%100
8	MP3A	Z	-.227	-.227	0	%100
9	MP4A	X	-.392	-.392	0	%100
10	MP4A	Z	-.227	-.227	0	%100
11	MP2A	X	-.392	-.392	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
12	MP2A	Z	-.227	-.227	0	%100
13	MP1A	X	-.392	-.392	0	%100
14	MP1A	Z	-.227	-.227	0	%100
15	M43	X	-.124	-.124	0	%100
16	M43	Z	-.072	-.072	0	%100
17	M46	X	-.248	-.248	0	%100
18	M46	Z	-.143	-.143	0	%100
19	M51B	X	-.138	-.138	0	%100
20	M51B	Z	-.079	-.079	0	%100
21	M52B	X	-.55	-.55	0	%100
22	M52B	Z	-.318	-.318	0	%100
23	M76	X	-.743	-.743	0	%100
24	M76	Z	-.429	-.429	0	%100
25	M77	X	-.252	-.252	0	%100
26	M77	Z	-.146	-.146	0	%100
27	M80	X	-.266	-.266	0	%100
28	M80	Z	-.153	-.153	0	%100
29	M84	X	-.743	-.743	0	%100
30	M84	Z	-.429	-.429	0	%100
31	M85	X	-1.01	-1.01	0	%100
32	M85	Z	-.583	-.583	0	%100
33	M91	X	-1.063	-1.063	0	%100
34	M91	Z	-.614	-.614	0	%100
35	M34	X	-.441	-.441	0	%100
36	M34	Z	-.254	-.254	0	%100
37	M35	X	-.124	-.124	0	%100
38	M35	Z	-.072	-.072	0	%100
39	M36	X	-.124	-.124	0	%100
40	M36	Z	-.072	-.072	0	%100
41	M37	X	-.248	-.248	0	%100
42	M37	Z	-.143	-.143	0	%100
43	M40	X	-.55	-.55	0	%100
44	M40	Z	-.318	-.318	0	%100
45	M41	X	-.138	-.138	0	%100
46	M41	Z	-.079	-.079	0	%100
47	M45	X	-.743	-.743	0	%100
48	M45	Z	-.429	-.429	0	%100
49	M46A	X	-1.01	-1.01	0	%100
50	M46A	Z	-.583	-.583	0	%100
51	M48	X	-1.063	-1.063	0	%100
52	M48	Z	-.614	-.614	0	%100
53	M50A	X	-.743	-.743	0	%100
54	M50A	Z	-.429	-.429	0	%100
55	M51C	X	-.252	-.252	0	%100
56	M51C	Z	-.146	-.146	0	%100
57	M53	X	-.266	-.266	0	%100
58	M53	Z	-.153	-.153	0	%100
59	M58A	X	0	0	0	%100
60	M58A	Z	0	0	0	%100
61	M59A	X	-.497	-.497	0	%100
62	M59A	Z	-.287	-.287	0	%100
63	M60	X	-.497	-.497	0	%100
64	M60	Z	-.287	-.287	0	%100
65	M61	X	-.991	-.991	0	%100
66	M61	Z	-.572	-.572	0	%100
67	M64	X	-.138	-.138	0	%100
68	M64	Z	-.079	-.079	0	%100
69	M65	X	-.138	-.138	0	%100
70	M65	Z	-.079	-.079	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
71	M69	X	0	0	0	%100
72	M69	Z	0	0	0	%100
73	M70	X	-.252	-.252	0	%100
74	M70	Z	-.146	-.146	0	%100
75	M72	X	-.266	-.266	0	%100
76	M72	Z	-.153	-.153	0	%100
77	M74	X	0	0	0	%100
78	M74	Z	0	0	0	%100
79	M75	X	-.252	-.252	0	%100
80	M75	Z	-.146	-.146	0	%100
81	M77A	X	-.266	-.266	0	%100
82	M77A	Z	-.153	-.153	0	%100
83	M82	X	-.145	-.145	0	%100
84	M82	Z	-.083	-.083	0	%100
85	MP3C	X	-.392	-.392	0	%100
86	MP3C	Z	-.227	-.227	0	%100
87	MP4C	X	-.392	-.392	0	%100
88	MP4C	Z	-.227	-.227	0	%100
89	MP2C	X	-.392	-.392	0	%100
90	MP2C	Z	-.227	-.227	0	%100
91	MP1C	X	-.392	-.392	0	%100
92	MP1C	Z	-.227	-.227	0	%100
93	M91A	X	-.578	-.578	0	%100
94	M91A	Z	-.334	-.334	0	%100
95	MP3B	X	-.392	-.392	0	%100
96	MP3B	Z	-.227	-.227	0	%100
97	MP4B	X	-.392	-.392	0	%100
98	MP4B	Z	-.227	-.227	0	%100
99	MP2B	X	-.392	-.392	0	%100
100	MP2B	Z	-.227	-.227	0	%100
101	MP1B	X	-.392	-.392	0	%100
102	MP1B	Z	-.227	-.227	0	%100
103	M100	X	-.119	-.119	0	%100
104	M100	Z	-.069	-.069	0	%100
105	M105	X	-.119	-.119	0	%100
106	M105	Z	-.069	-.069	0	%100
107	M110	X	-.475	-.475	0	%100
108	M110	Z	-.274	-.274	0	%100
109	M121	X	-.145	-.145	0	%100
110	M121	Z	-.084	-.084	0	%100
111	M122	X	-.579	-.579	0	%100
112	M122	Z	-.334	-.334	0	%100
113	M123	X	-.145	-.145	0	%100
114	M123	Z	-.084	-.084	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-.25	-.25	0	%100
2	M1	Z	-.434	-.434	0	%100
3	M4	X	-.085	-.085	0	%100
4	M4	Z	-.147	-.147	0	%100
5	M10	X	-.215	-.215	0	%100
6	M10	Z	-.373	-.373	0	%100
7	MP3A	X	-.227	-.227	0	%100
8	MP3A	Z	-.392	-.392	0	%100
9	MP4A	X	-.227	-.227	0	%100
10	MP4A	Z	-.392	-.392	0	%100
11	MP2A	X	-.227	-.227	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
12	MP2A	Z	-.392	-.392	0	%100
13	MP1A	X	-.227	-.227	0	%100
14	MP1A	Z	-.392	-.392	0	%100
15	M43	X	-.215	-.215	0	%100
16	M43	Z	-.373	-.373	0	%100
17	M46	X	-.429	-.429	0	%100
18	M46	Z	-.743	-.743	0	%100
19	M51B	X	0	0	0	%100
20	M51B	Z	0	0	0	%100
21	M52B	X	-.238	-.238	0	%100
22	M52B	Z	-.413	-.413	0	%100
23	M76	X	-.143	-.143	0	%100
24	M76	Z	-.248	-.248	0	%100
25	M77	X	0	0	0	%100
26	M77	Z	0	0	0	%100
27	M80	X	0	0	0	%100
28	M80	Z	0	0	0	%100
29	M84	X	-.143	-.143	0	%100
30	M84	Z	-.248	-.248	0	%100
31	M85	X	-.437	-.437	0	%100
32	M85	Z	-.757	-.757	0	%100
33	M91	X	-.461	-.461	0	%100
34	M91	Z	-.798	-.798	0	%100
35	M34	X	-.339	-.339	0	%100
36	M34	Z	-.587	-.587	0	%100
37	M35	X	0	0	0	%100
38	M35	Z	0	0	0	%100
39	M36	X	0	0	0	%100
40	M36	Z	0	0	0	%100
41	M37	X	0	0	0	%100
42	M37	Z	0	0	0	%100
43	M40	X	-.238	-.238	0	%100
44	M40	Z	-.413	-.413	0	%100
45	M41	X	-.238	-.238	0	%100
46	M41	Z	-.413	-.413	0	%100
47	M45	X	-.572	-.572	0	%100
48	M45	Z	-.991	-.991	0	%100
49	M46A	X	-.437	-.437	0	%100
50	M46A	Z	-.757	-.757	0	%100
51	M48	X	-.461	-.461	0	%100
52	M48	Z	-.798	-.798	0	%100
53	M50A	X	-.572	-.572	0	%100
54	M50A	Z	-.991	-.991	0	%100
55	M51C	X	-.437	-.437	0	%100
56	M51C	Z	-.757	-.757	0	%100
57	M53	X	-.461	-.461	0	%100
58	M53	Z	-.798	-.798	0	%100
59	M58A	X	-.085	-.085	0	%100
60	M58A	Z	-.147	-.147	0	%100
61	M59A	X	-.215	-.215	0	%100
62	M59A	Z	-.373	-.373	0	%100
63	M60	X	-.215	-.215	0	%100
64	M60	Z	-.373	-.373	0	%100
65	M61	X	-.429	-.429	0	%100
66	M61	Z	-.743	-.743	0	%100
67	M64	X	-.238	-.238	0	%100
68	M64	Z	-.413	-.413	0	%100
69	M65	X	0	0	0	%100
70	M65	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
71	M69	X	-.143	-.143	0	%100
72	M69	Z	-.248	-.248	0	%100
73	M70	X	-.437	-.437	0	%100
74	M70	Z	-.757	-.757	0	%100
75	M72	X	-.461	-.461	0	%100
76	M72	Z	-.798	-.798	0	%100
77	M74	X	-.143	-.143	0	%100
78	M74	Z	-.248	-.248	0	%100
79	M75	X	0	0	0	%100
80	M75	Z	0	0	0	%100
81	M77A	X	0	0	0	%100
82	M77A	Z	0	0	0	%100
83	M82	X	0	0	0	%100
84	M82	Z	0	0	0	%100
85	MP3C	X	-.227	-.227	0	%100
86	MP3C	Z	-.392	-.392	0	%100
87	MP4C	X	-.227	-.227	0	%100
88	MP4C	Z	-.392	-.392	0	%100
89	MP2C	X	-.227	-.227	0	%100
90	MP2C	Z	-.392	-.392	0	%100
91	MP1C	X	-.227	-.227	0	%100
92	MP1C	Z	-.392	-.392	0	%100
93	M91A	X	-.25	-.25	0	%100
94	M91A	Z	-.434	-.434	0	%100
95	MP3B	X	-.227	-.227	0	%100
96	MP3B	Z	-.392	-.392	0	%100
97	MP4B	X	-.227	-.227	0	%100
98	MP4B	Z	-.392	-.392	0	%100
99	MP2B	X	-.227	-.227	0	%100
100	MP2B	Z	-.392	-.392	0	%100
101	MP1B	X	-.227	-.227	0	%100
102	MP1B	Z	-.392	-.392	0	%100
103	M100	X	-.206	-.206	0	%100
104	M100	Z	-.356	-.356	0	%100
105	M105	X	0	0	0	%100
106	M105	Z	0	0	0	%100
107	M110	X	-.206	-.206	0	%100
108	M110	Z	-.356	-.356	0	%100
109	M121	X	0	0	0	%100
110	M121	Z	0	0	0	%100
111	M122	X	-.251	-.251	0	%100
112	M122	Z	-.434	-.434	0	%100
113	M123	X	-.251	-.251	0	%100
114	M123	Z	-.434	-.434	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M40	Y	-1.879	-4.428	0	.832
2	M40	Y	-4.428	-7.042	.832	1.665
3	M40	Y	-7.042	-8.256	1.665	2.497
4	M40	Y	-8.256	-6.578	2.497	3.329
5	M40	Y	-6.578	-3.47	3.329	4.162
6	M41	Y	-3.463	-6.545	0	.832
7	M41	Y	-6.545	-8.189	.832	1.665
8	M41	Y	-8.189	-6.9	1.665	2.497
9	M41	Y	-6.9	-4.227	2.497	3.329
10	M41	Y	-4.227	-1.665	3.329	4.162
11	M51B	Y	-1.879	-4.428	0	.832

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
12	M51B	Y	-4.428	-7.042	.832	1.665
13	M51B	Y	-7.042	-8.256	1.665	2.497
14	M51B	Y	-8.256	-6.578	2.497	3.329
15	M51B	Y	-6.578	-3.47	3.329	4.162
16	M52B	Y	-3.463	-6.545	0	.832
17	M52B	Y	-6.545	-8.189	.832	1.665
18	M52B	Y	-8.189	-6.9	1.665	2.497
19	M52B	Y	-6.9	-4.227	2.497	3.329
20	M52B	Y	-4.227	-1.665	3.329	4.162
21	M64	Y	-1.664	-4.227	0	.832
22	M64	Y	-4.227	-6.899	.832	1.665
23	M64	Y	-6.899	-8.187	1.665	2.497
24	M64	Y	-8.187	-6.544	2.497	3.329
25	M64	Y	-6.544	-3.463	3.329	4.162
26	M65	Y	-3.462	-6.572	0	.832
27	M65	Y	-6.572	-8.261	.832	1.665
28	M65	Y	-8.261	-7.048	1.665	2.497
29	M65	Y	-7.048	-4.428	2.497	3.329
30	M65	Y	-4.428	-1.883	3.329	4.162

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M40	Y	-3.578	-8.431	0	.832
2	M40	Y	-8.431	-13.406	.832	1.665
3	M40	Y	-13.406	-15.719	1.665	2.497
4	M40	Y	-15.719	-12.523	2.497	3.329
5	M40	Y	-12.523	-6.606	3.329	4.162
6	M41	Y	-6.593	-12.46	0	.832
7	M41	Y	-12.46	-15.59	.832	1.665
8	M41	Y	-15.59	-13.136	1.665	2.497
9	M41	Y	-13.136	-8.047	2.497	3.329
10	M41	Y	-8.047	-3.171	3.329	4.162
11	M51B	Y	-3.578	-8.431	0	.832
12	M51B	Y	-8.431	-13.406	.832	1.665
13	M51B	Y	-13.406	-15.719	1.665	2.497
14	M51B	Y	-15.719	-12.523	2.497	3.329
15	M51B	Y	-12.523	-6.606	3.329	4.162
16	M52B	Y	-6.593	-12.46	0	.832
17	M52B	Y	-12.46	-15.59	.832	1.665
18	M52B	Y	-15.59	-13.136	1.665	2.497
19	M52B	Y	-13.136	-8.047	2.497	3.329
20	M52B	Y	-8.047	-3.171	3.329	4.162
21	M64	Y	-3.167	-8.048	0	.832
22	M64	Y	-8.048	-13.135	.832	1.665
23	M64	Y	-13.135	-15.587	1.665	2.497
24	M64	Y	-15.587	-12.459	2.497	3.329
25	M64	Y	-12.459	-6.593	3.329	4.162
26	M65	Y	-6.592	-12.512	0	.832
27	M65	Y	-12.512	-15.728	.832	1.665
28	M65	Y	-15.728	-13.418	1.665	2.497
29	M65	Y	-13.418	-8.43	2.497	3.329
30	M65	Y	-8.43	-3.584	3.329	4.162

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M40	Y	-.079	-.186	0	.832
2	M40	Y	-.186	-.297	.832	1.665
3	M40	Y	-.297	-.348	1.665	2.497

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
4	M40	Y	-.348	-.277	2.497	3.329
5	M40	Y	-.277	-.146	3.329	4.162
6	M41	Y	-.146	-.276	0	.832
7	M41	Y	-.276	-.345	.832	1.665
8	M41	Y	-.345	-.291	1.665	2.497
9	M41	Y	-.291	-.178	2.497	3.329
10	M41	Y	-.178	-.07	3.329	4.162
11	M51B	Y	-.079	-.186	0	.832
12	M51B	Y	-.186	-.297	.832	1.665
13	M51B	Y	-.297	-.348	1.665	2.497
14	M51B	Y	-.348	-.277	2.497	3.329
15	M51B	Y	-.277	-.146	3.329	4.162
16	M52B	Y	-.146	-.276	0	.832
17	M52B	Y	-.276	-.345	.832	1.665
18	M52B	Y	-.345	-.291	1.665	2.497
19	M52B	Y	-.291	-.178	2.497	3.329
20	M52B	Y	-.178	-.07	3.329	4.162
21	M64	Y	-.07	-.178	0	.832
22	M64	Y	-.178	-.291	.832	1.665
23	M64	Y	-.291	-.345	1.665	2.497
24	M64	Y	-.345	-.276	2.497	3.329
25	M64	Y	-.276	-.146	3.329	4.162
26	M65	Y	-.146	-.277	0	.832
27	M65	Y	-.277	-.348	.832	1.665
28	M65	Y	-.348	-.297	1.665	2.497
29	M65	Y	-.297	-.186	2.497	3.329
30	M65	Y	-.186	-.079	3.329	4.162

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M40	Z	-.197	-.465	0	.832
2	M40	Z	-.465	-.739	.832	1.665
3	M40	Z	-.739	-.867	1.665	2.497
4	M40	Z	-.867	-.691	2.497	3.329
5	M40	Z	-.691	-.364	3.329	4.162
6	M41	Z	-.364	-.687	0	.832
7	M41	Z	-.687	-.86	.832	1.665
8	M41	Z	-.86	-.724	1.665	2.497
9	M41	Z	-.724	-.444	2.497	3.329
10	M41	Z	-.444	-.175	3.329	4.162
11	M51B	Z	-.197	-.465	0	.832
12	M51B	Z	-.465	-.739	.832	1.665
13	M51B	Z	-.739	-.867	1.665	2.497
14	M51B	Z	-.867	-.691	2.497	3.329
15	M51B	Z	-.691	-.364	3.329	4.162
16	M52B	Z	-.364	-.687	0	.832
17	M52B	Z	-.687	-.86	.832	1.665
18	M52B	Z	-.86	-.724	1.665	2.497
19	M52B	Z	-.724	-.444	2.497	3.329
20	M52B	Z	-.444	-.175	3.329	4.162
21	M64	Z	-.175	-.444	0	.832
22	M64	Z	-.444	-.724	.832	1.665
23	M64	Z	-.724	-.86	1.665	2.497
24	M64	Z	-.86	-.687	2.497	3.329
25	M64	Z	-.687	-.364	3.329	4.162
26	M65	Z	-.364	-.69	0	.832
27	M65	Z	-.69	-.867	.832	1.665
28	M65	Z	-.867	-.74	1.665	2.497

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
29	M65	Z	-.74	-.465	2.497	3.329
30	M65	Z	-.465	-.198	3.329	4.162

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft,%]	End Location[ft,%]
1	M40	X	.197	.465	0	.832
2	M40	X	.465	.739	.832	1.665
3	M40	X	.739	.867	1.665	2.497
4	M40	X	.867	.691	2.497	3.329
5	M40	X	.691	.364	3.329	4.162
6	M41	X	.364	.687	0	.832
7	M41	X	.687	.86	.832	1.665
8	M41	X	.86	.724	1.665	2.497
9	M41	X	.724	.444	2.497	3.329
10	M41	X	.444	.175	3.329	4.162
11	M51B	X	.197	.465	0	.832
12	M51B	X	.465	.739	.832	1.665
13	M51B	X	.739	.867	1.665	2.497
14	M51B	X	.867	.691	2.497	3.329
15	M51B	X	.691	.364	3.329	4.162
16	M52B	X	.364	.687	0	.832
17	M52B	X	.687	.86	.832	1.665
18	M52B	X	.86	.724	1.665	2.497
19	M52B	X	.724	.444	2.497	3.329
20	M52B	X	.444	.175	3.329	4.162
21	M64	X	.175	.444	0	.832
22	M64	X	.444	.724	.832	1.665
23	M64	X	.724	.86	1.665	2.497
24	M64	X	.86	.687	2.497	3.329
25	M64	X	.687	.364	3.329	4.162
26	M65	X	.364	.69	0	.832
27	M65	X	.69	.867	.832	1.665
28	M65	X	.867	.74	1.665	2.497
29	M65	X	.74	.465	2.497	3.329
30	M65	X	.465	.198	3.329	4.162

Member Area Loads (BLC 39 : Structure D)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N59	N83	N81	N58	Y	Two Way	-.005
2	N7	N87B	N87C	N6	Y	Two Way	-.005
3	N88	N112	N110	N87	Y	Two Way	-.005

Member Area Loads (BLC 40 : Structure Di)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N59	N83	N81	N58	Y	Two Way	-.01
2	N7	N87B	N87C	N6	Y	Two Way	-.01
3	N88	N112	N110	N87	Y	Two Way	-.01

Member Area Loads (BLC 84 : Structure Ev)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N59	N83	N81	N58	Y	Two Way	-.000219
2	N7	N87B	N87C	N6	Y	Two Way	-.000219
3	N88	N112	N110	N87	Y	Two Way	-.000219

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

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]

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

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N59	N83	N81	N58	Z	Two Way	-.000546
2	N7	N87B	N87C	N6	Z	Two Way	-.000546
3	N88	N112	N110	N87	Z	Two Way	-.000546

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

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N59	N83	N81	N58	X	Two Way	.000546
2	N7	N87B	N87C	N6	X	Two Way	.000546
3	N88	N112	N110	N87	X	Two Way	.000546

Envelope Joint Reactions

	Joint		X [lb]	LC	Y [lb]	LC	Z [lb]	LC	MX [k-ft]	LC	MY [k-ft]	LC	MZ [k-ft]	LC
1	N3	max	654.446	10	2188.805	13	1759.913	1	4.733	13	1.153	4	.072	12
2		min	-685.557	4	310.93	7	-1976.415	7	-.303	7	-1.154	10	-.202	6
3	N56	max	1386.249	9	2233.026	21	891.977	1	-.188	3	1.099	12	-.016	3
4		min	-1497.248	3	447.635	3	-788.883	7	-3.003	45	-1.073	6	-4.201	45
5	N85	max	1474.787	11	2334.444	17	1060.501	12	.026	11	1.028	8	4.448	17
6		min	-1333.477	5	456.293	11	-944.468	6	-2.802	29	-1.103	2	.196	11
7	Totals:	max	3212.144	10	6279.848	22	3643.431	1						
8		min	-3212.146	4	2350.184	67	-3643.43	7						

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

	Member	Shape	Code C...	Loc[ft]	LC	Shear ...	Loc[ft]	Dir	LC	phi*Pnc [l...	phi*Pnt [lb]	phi*Mn y-...	phi*Mn z-...	Cb	Eqn
1	M1	PIPE_3.0	.140	4.427	18	.064	8.203		7	28250.554	65205	5.749	5.749	2....	H1-1b
2	M4	HSS4X4X4	.302	0	1	.061	0	y	13	124657.7...	139518	16.181	16.181	2....	H1-1b
3	M10	HSS4X4X4	.144	2.375	13	.045	2.375	y	24	136263.03	139518	16.181	16.181	1....	H1-1b
4	MP3A	PIPE_2.0	.289	4.333	5	.084	4.333		6	14916.096	32130	1.872	1.872	1....	H1-1b
5	MP4A	PIPE_2.0	.244	4.333	5	.099	.667		6	14916.096	32130	1.872	1.872	1....	H1-1b
6	MP2A	PIPE_2.0	.290	4.333	10	.059	2.167		9	14916.096	32130	1.872	1.872	1....	H1-1b
7	MP1A	PIPE_2.0	.373	4.333	9	.202	4.333		12	14916.096	32130	1.872	1.872	2....	H1-1b
8	M43	HSS4X4X4	.148	0	24	.048	0	y	13	136263.03	139518	16.181	16.181	1....	H1-1b
9	M46	PL1/2X6	.153	.516	1	.094	0	y	10	66009.234	97200	1.012	12.15	1....	H1-1b
10	M51B	L2x2x4	.098	4.162	2	.010	4.162	y	17	12728.563	30585.6	.691	1.467	1....	H2-1
11	M52B	L2x2x4	.094	0	1	.011	4.162	y	21	12728.563	30585.6	.691	1.463	1....	H2-1
12	M76	PL3/8x6	.131	0	1	.183	0	y	18	70677.939	72900	.57	9.113	1....	H1-1b
13	M77	PL3/8x6	.200	.167	8	.286	0	y	13	71601.728	72900	.57	9.113	1....	H1-1b
14	M80	PL1/2X6	.048	.112	1	.055	0	y	11	96757.507	97200	1.012	12.15	1....	H1-1b
15	M84	PL3/8x6	.201	0	1	.182	0	y	21	70677.939	72900	.57	9.113	1....	H1-1b
16	M85	PL3/8x6	.203	.167	7	.301	0	y	24	71601.728	72900	.57	9.113	1....	H1-1b
17	M91	PL1/2X6	.051	.112	7	.072	0	y	3	96757.507	97200	1.012	12.15	1....	H1-1b
18	M34	HSS4X4X4	.318	0	45	.090	0	y	45	124657.7...	139518	16.181	16.181	2....	H1-1b
19	M35	HSS4X4X4	.151	2.375	22	.046	2.375	y	20	136263.03	139518	16.181	16.181	1....	H1-1b
20	M36	HSS4X4X4	.153	0	20	.051	0	y	44	136263.03	139518	16.181	16.181	1....	H1-1b
21	M37	PL1/2X6	.143	.516	2	.103	0	y	6	66009.234	97200	1.012	12.15	1....	H1-1b
22	M40	L2x2x4	.093	0	11	.010	4.162	y	24	12728.563	30585.6	.691	1.486	1....	H2-1
23	M41	L2x2x4	.093	4.162	7	.012	4.162	y	18	12728.563	30585.6	.691	1.489	1....	H2-1
24	M45	PL3/8x6	.129	0	7	.211	0	y	37	70677.939	72900	.57	9.113	1....	H1-1b
25	M46A	PL3/8x6	.171	.167	4	.299	0	y	21	71601.728	72900	.57	9.113	1....	H1-1b
26	M48	PL1/2X6	.040	.112	9	.061	0	y	7	96757.507	97200	1.012	12.15	1....	H1-1b
27	M50A	PL3/8x6	.189	0	2	.201	0	y	17	70677.939	72900	.57	9.113	1....	H1-1b
28	M51C	PL3/8x6	.191	.167	2	.312	0	y	20	71601.728	72900	.57	9.113	1....	H1-1b
29	M53	PL1/2X6	.045	.112	8	.122	0	y	47	96757.507	97200	1.012	12.15	1....	H1-1b
30	M58A	HSS4X4X4	.326	0	18	.091	0	y	29	124657.7...	139518	16.181	16.181	2....	H1-1b
31	M59A	HSS4X4X4	.156	2.375	18	.055	2.375	y	29	136263.03	139518	16.181	16.181	1....	H1-1b
32	M60	HSS4X4X4	.155	0	16	.049	0	y	17	136263.03	139518	16.181	16.181	1....	H1-1b

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

	Member	Shape	Code C...	Loc[ft]	LC	Shear ...	Loc[ft]	Dir	LC	phi*Pnc [l...	phi*Pnt [lb]	phi*Mn y-...	phi*Mn z-...	Cb	Eqn
33	M61	PL1/2X6	.145	.516	5	.108	.516	y	26	66009.234	97200	1.012	12.15	1....	H1-1b
34	M64	L2x2x4	.097	4.162	6	.010	4.162	y	20	12728.563	30585.6	.691	1.467	1....	H2-1
35	M65	L2x2x4	.089	0	5	.011	4.162	y	13	12728.563	30585.6	.691	1.463	1....	H2-1
36	M69	PL3/8x6	.119	0	6	.179	0	y	45	70677.939	72900	.57	9.113	1....	H1-1b
37	M70	PL3/8x6	.202	.167	12	.313	0	y	17	71601.728	72900	.57	9.113	1....	H1-1b
38	M72	PL1/2X6	.045	.112	5	.090	0	y	26	96757.507	97200	1.012	12.15	1....	H1-1b
39	M74	PL3/8x6	.191	0	5	.189	0	y	13	70677.939	72900	.57	9.113	1....	H1-1b
40	M75	PL3/8x6	.180	.167	11	.309	0	y	16	71601.728	72900	.57	9.113	1....	H1-1b
41	M77A	PL1/2X6	.047	.112	5	.089	0	y	7	96757.507	97200	1.012	12.15	1....	H1-1b
42	M82	PIPE_3.0	.136	4.427	14	.053	8.203		3	28250.554	65205	5.749	5.749	2....	H1-1b
43	MP3C	PIPE_2.0	.313	4.333	1	.079	4.333		2	14916.096	32130	1.872	1.872	1....	H1-1b
44	MP4C	PIPE_2.0	.253	4.333	1	.090	.667		2	14916.096	32130	1.872	1.872	1....	H1-1b
45	MP2C	PIPE_2.0	.347	4.333	6	.058	2.167		5	14916.096	32130	1.872	1.872	1....	H1-1b
46	MP1C	PIPE_2.0	.390	4.333	5	.207	4.333		7	14916.096	32130	1.872	1.872	2....	H1-1b
47	M91A	PIPE_3.0	.140	4.427	46	.055	8.073		12	28250.554	65205	5.749	5.749	2....	H1-1b
48	MP3B	PIPE_2.0	.305	4.333	8	.074	4.333		11	14916.096	32130	1.872	1.872	1....	H1-1b
49	MP4B	PIPE_2.0	.245	4.333	8	.088	1.167		10	14916.096	32130	1.872	1.872	1....	H1-1b
50	MP2B	PIPE_2.0	.321	4.333	2	.058	2.167		1	14916.096	32130	1.872	1.872	1....	H1-1b
51	MP1B	PIPE_2.0	.418	4.333	1	.196	4.333		4	14916.096	32130	1.872	1.872	2....	H1-1b
52	M100	PIPE_2.5	.172	2.214	9	.060	11.068		7	14558.792	50715	3.596	3.596	1....	H1-1b
53	M105	PIPE_2.5	.169	2.214	5	.054	6.38		6	14558.792	50715	3.596	3.596	1....	H1-1b
54	M110	PIPE_2.5	.191	2.214	1	.058	6.51		6	14558.792	50715	3.596	3.596	1....	H1-1b
55	M121	L3X3X4	.256	0	7	.047	0	z	12	43562.642	46656	1.688	3.756	2....	H2-1
56	M122	L3X3X4	.286	1.76	7	.051	0	z	8	43562.642	46656	1.688	3.756	2....	H2-1
57	M123	L3X3X4	.233	0	11	.043	.037	z	4	43562.642	46656	1.688	3.756	2....	H2-1

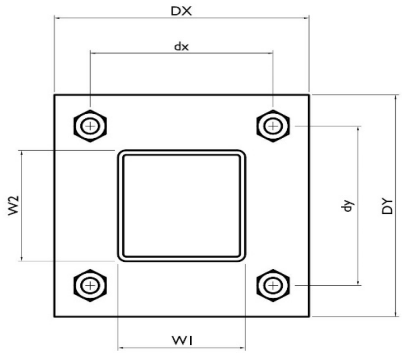
VzW SMART Tool© Vendor

Client:	Verizon Wireless	Date:	7/21/2023
Site Name:	NAUGATUCK WEST CT		
MDG #:	5000382990		
Fuze ID #:	17123834	Page:	1

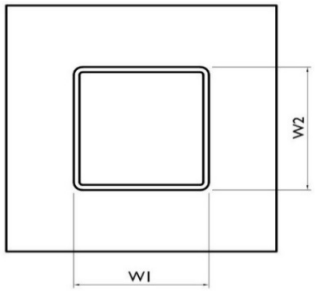
Version 1.01

I. Mount-to-Tower Connection Check

Custom Orientation Required	No
Tower Connection Bolt Checks	Yes
Bolt Orientation	Parallel
Bolt Quantity per Reaction:	4
d_x (in) *(Delta X of typ. bolt config. sketch)* :	6
d_y (in) *(Delta Y of typ. bolt config. sketch)* :	6
Bolt Type:	A325N
Bolt Diameter (in):	0.625
Required Tensile Strength / bolt (kips):	5.3
Required Shear Strength / bolt (kips):	0.6
Tensile Capacity / bolt (kips):	20.7
Shear Capacity / bolt (kips):	12.4
Bolt Overall Utilization:	**25.7%**



Tower Connection Baseplate Checks	Yes
Connecting Standoff Member Shape:	Rect Tube
Weld Stiffener Configuration:	No Stiffeners
Plate Width, D_x (in):	8
Plate Height, D_y (in):	8
W1(in):	4
W2 (in):	4
Member Thickness (in):	0.25
Stiffener location a_1 (in):	
Stiffener location b_1 (in):	
Stiffener location a_2 (in):	
Stiffener location b_2 (in):	
F_y (ksi, plate):	36
Plate Thickness (in):	0.75
Length of Yield Line, L_y (in):	5.85
Bolt Eccentricity, e (in):	1.65
M_u (kip-in):	8.78
Phi*M_n (kip-in):	26.65
Plate Bending Utilization:	**32.9%**



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Client:	Verizon Wireless	Date:	7/21/2023
Site Name:	NAUGATUCK WEST CT		
MDG #:	5000382990		
Fuze ID #:	17123834	Page:	2

Version 1.01

Tower Connection Weld Checks	Yes

Weld Shape:	Rectangle
Weld Stiffener Configuration:	None
Weld Size (1/16 in):	5
W1 (in):	4
W2 (in):	4
Weld Total Length (in):	16.00
Z_x (in^3/in):	21.33
Z_y (in^3/in):	21.33
J_p (in^4/in):	85.33
c_x (in)	2.25
c_y (in)	2.25
Required combined strength (kip/in):	1.99
Weld Capacity (kip/in):	6.96
Weld Utilization:	**28.6%**

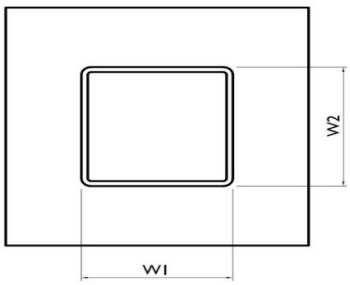

EXHIBIT 5

TOWER ENGINEERING PROFESSIONALS

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Non-Ionizing Electromagnetic Radiation (NIER) Study

Site Number:
283423

Site Name:
Naugatuck CT

Location:
Naugatuck, Connecticut

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

Prepared For:

American Tower, Inc.
Woburn, Massachusetts

October 17th, 2023

82817 P408689

Prepared By:

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

Approved By:

10/18/23

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Non-Ionizing Electromagnetic Radiation (NIER) Study

283423 Naugatuck CT
Naugatuck, 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 283423 Naugatuck CT is located at 8809 Andrew Mountain Rd., in Naugatuck, Connecticut at coordinates 41.484450, -73.089788. The support structure is 120' monopole. An aerial view of the tower can be found in Appendix 1, Site Photos. The tenants are AT&T Mobility (AT&T), Dish Wireless (Dish), & Verizon Wireless (VZW). A table listing all antennae and effective radiated power (ERP) levels that were used in this study may be found in Appendix 2, Antenna Inventory.

POWER DENSITY CALCULATIONS

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

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

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

- ATC furnished data and does not include other unidentified communication facilities.
- Load List at Load List at 283423 Naugatuck CT.RF NIER Study 10/05/23.
- 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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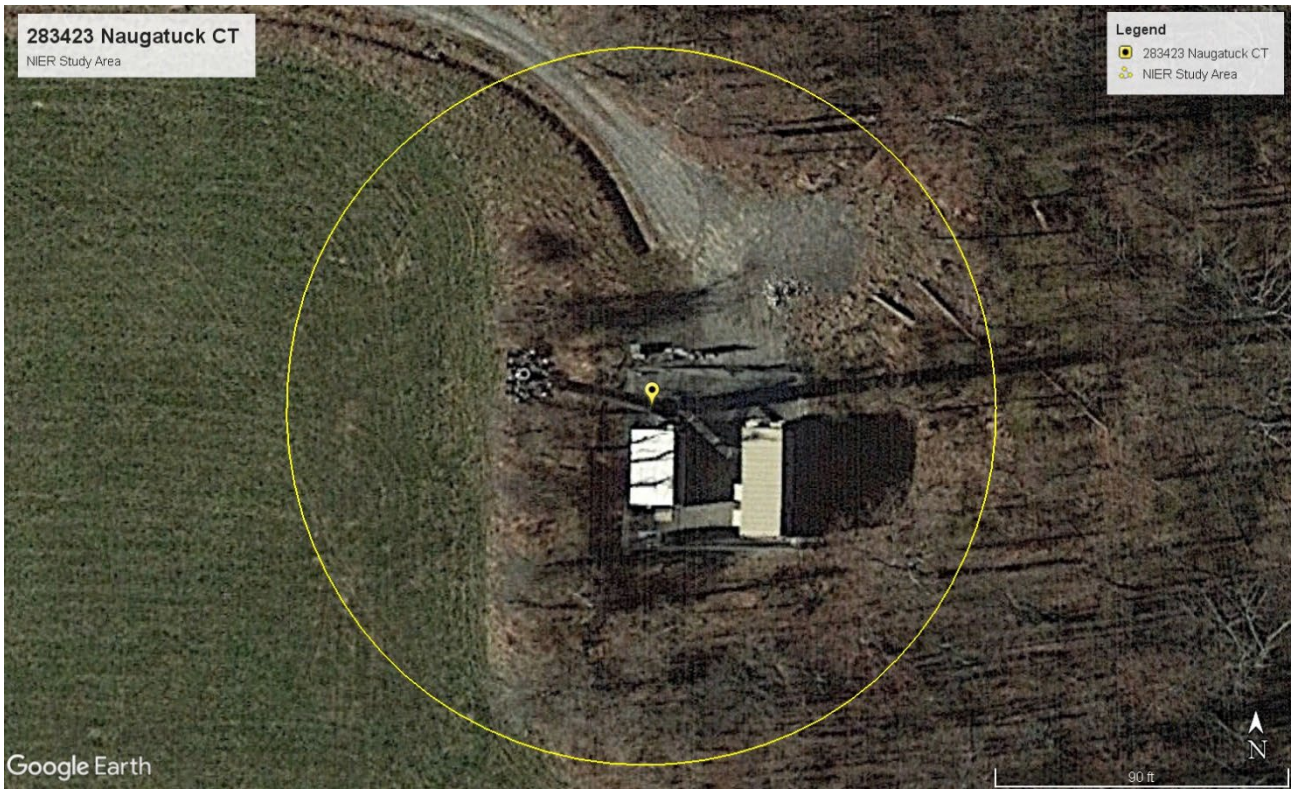
APPENDIX 1 Site Photos



Aerial View of Site

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Appendix 2 Antenna Inventory

283423 Naugatuck CT							
Antenna Inventory							
Antenna #	Carrier	Antenna Manufacturer	Antenna Model	Frequency Band (MHz)	Azmiuth (°)	Effective Radiated Power (W)	Radiation Center (ft)
1	AT&T	Ericsson	Air 6419	3700-3900	030	71639	121.0
2	AT&T	Ericsson	Air 6419	3700-3900	150	71639	121.0
3	AT&T	Ericsson	Air 6419	3700-3900	270	71639	121.0
4	AT&T	Quintel	QD8616-7	700/1900/2100	030	33222	119.0
5	AT&T	Quintel	QD8616-7	700/1900/2100	150	33222	119.0
6	AT&T	Quintel	QD8616-7	700/1900/2100	270	33222	119.0
7	AT&T	CCI	DMP65R-BU8D	700/800	030	18373	119.0
8	AT&T	CCI	DMP65R-BU8D	700/800	150	18373	119.0
9	AT&T	CCI	DMP65R-BU8D	700/800/	270	18373	119.0
10	AT&T	Ericsson	Air 6449	3700-3900	040	71639	117.0
11	AT&T	Ericsson	Air 6449	3700-3900	160	71639	117.0
12	AT&T	Ericsson	Air 6449	3700-3900	280	71639	117.0
13	Verizon	Samsung	MT6407	3700/3800/3900	028	18286	106.0
14	Verizon	Samsung	MT6407	3700/3800/3900	156	18286	106.0
15	Verizon	Samsung	MT6407	3700/3800/3900	262	18286	106.0
16	Verizon	Commscope	JAHH-45B-R3B	700	040	400	106.0
17	Verizon	Commscope	JAHH-45B-R3B	700	040	400	106.0
18	Verizon	Commscope	JAHH-65B-R3B	700/2100	200	16690	106.0
19	Verizon	Commscope	JAHH-45B-R3B	700/2100	300	16690	106.0
20	Verizon	Commscope	JAHH-65B-R3B	700/2100	200	16690	106.0
21	Verizon	Commscope	JAHH-65B-R3B	700/2100	300	16690	140.0
22	Dish	JMA	MX08FRO665-21	600/1900/2000/2100	000	48332	96.0
23	Dish	JMA	MX08FRO665-21	600/1900/2000/2100	120	48332	96.0
24	Dish	JMA	MX08FRO665-21	600/1900/2000/2100	240	48332	96.0

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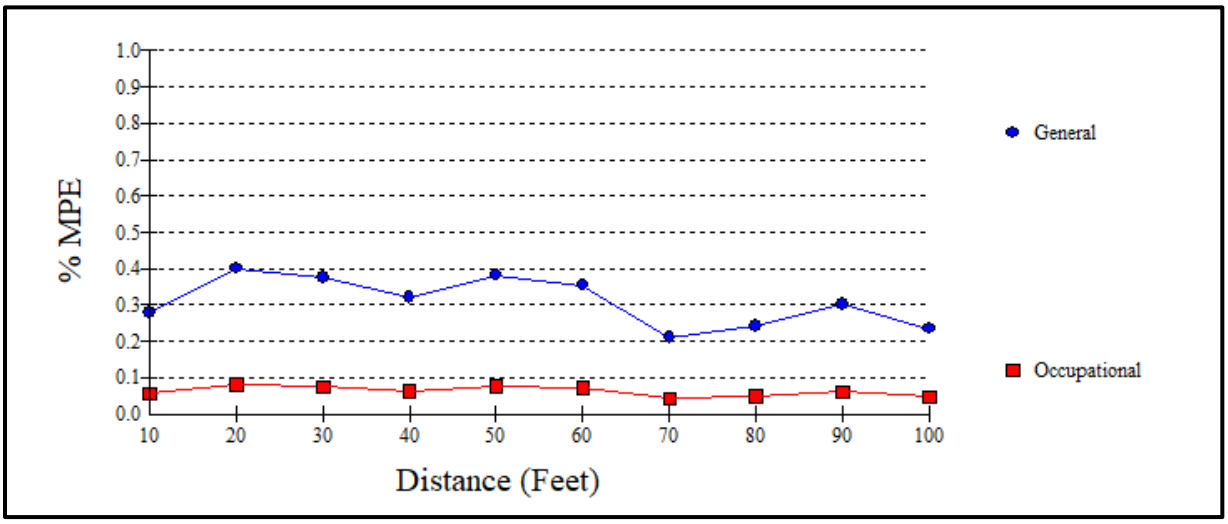
Appendix 3.1 MPE Limit Study



Maximum Power Density (@20'):	0.0025 mW/cm²
General Population MPE (@20'):	0.4001%
Occupational MPE (@20'):	0.0800%

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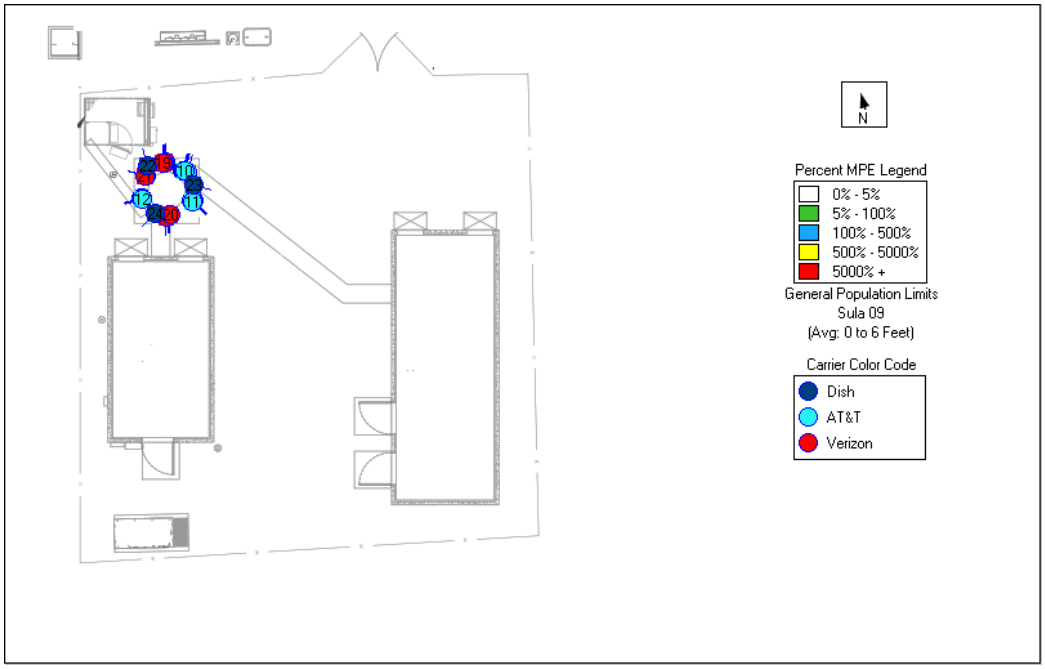
Appendix 3.2 MPE Limit Study



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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

PETITION NO. 973 – North Atlantic Towers, LLC and New Cingular Wireless PCS, LLC petition for a declaratory ruling that no Certificate of Environmental Compatibility and Public Need is required to replace and expand an existing structure located at 880 Andrew Mountain Road, Naugatuck, Connecticut.	}	Connecticut Siting Council April 28, 2011

Decision and Order

Pursuant to the foregoing Findings of Fact and Opinion, the Connecticut Siting Council (Council) finds that the installation of a telecommunications facility at 880 Andrew Mountain Road in Naugatuck, Connecticut will not have a substantial adverse environmental effect, and pursuant to General Statutes § 16-50k(a), and hereby declares that the project will not require a Certificate of Environmental Compatibility and Public Need.

Unless otherwise approved by the Council, the facility shall be constructed, operated, and maintained substantially as specified in the Council's record in this matter, and subject to the following conditions:

1. The tower shall be constructed as a monopole, no taller than necessary to provide the proposed telecommunications services, sufficient to accommodate the antennas of New Cingular Wireless PCS, LLC (AT&T) and other entities, both public and private, but such tower shall not exceed a height of 120 feet above ground level. The height at the top of the AT&T's antennas shall not exceed 120 feet above ground level.

2. The compound associated with the facility shall be constructed within a 50-foot by 50-foot area located as far south as possible within the leased area.

3. The access drive shall be constructed in the originally proposed location approximately 50 feet from the northern property boundary.

4. The Petitioner shall prepare a Development and Management (D&M) Plan for this site in compliance with Sections 16-50j-75 through 16-50j-77 of the Regulations of Connecticut State Agencies. The D&M Plan shall be served on the Town of Naugatuck for comment, and all parties and intervenors as listed in the service list, and submitted to and approved by the Council prior to the commencement of facility construction and shall include:
    a) a final site plan(s) of site development to include specifications for the tower, tower foundation, antennas, equipment compound, radio equipment, access road, utility line, and landscaping;
    b) potential tower painting or tower material options that would mitigate visual impact to the surrounding area; and
    c) construction plans for site clearing, grading, landscaping, water drainage, and erosion and sedimentation controls consistent with the 2002 Connecticut Guidelines for Soil Erosion and Sediment Control, as amended.

5. Prior to the commencement of operation, the Petitioner shall provide the Council worst-case modeling of the electromagnetic radio frequency power density of all proposed entities' antennas at the closest point of uncontrolled access to the tower base, consistent with Federal Communications Commission, Office of Engineering and Technology, Bulletin No. 65, August 1997. The Petitioner shall ensure a recalculated report of the electromagnetic radio frequency power density be submitted to the Council if and when circumstances in operation cause a change in power density above the levels calculated and provided pursuant to this Decision and Order.

6. Upon the establishment of any new State or federal radio frequency standards applicable to frequencies of this facility, the facility granted herein shall be brought into compliance with such standards.

7. The Petitioner shall permit public or private entities to share space on the proposed tower for fair consideration, or shall provide any requesting entity with specific legal, technical, environmental, or economic reasons precluding such tower sharing.

8. The Petitioner shall provide reasonable space on the tower for no compensation for any Town of Naugatuck public safety services (police, fire and medical services), provided such use can be accommodated and is compatible with the structural integrity of the tower.

9. Unless otherwise approved by the Council, if the facility authorized herein is not fully constructed with at least one fully operational wireless telecommunications carrier providing wireless service within eighteen months from the date of the mailing of the Council's Findings of Fact, Opinion, and Decision and Order (collectively called "Final Decision"), this Decision and Order shall be void, and the Petitioner shall dismantle the tower and remove all associated equipment or reapply for any continued or new use to the Council before any such use is made. The time between the filing and resolution of any appeals of the Council's Final Decision shall not be counted in calculating this deadline. Authority to monitor and modify this schedule, as necessary, is delegated to the Executive Director. The Petitioner shall provide written notice to the Executive Director of any schedule changes as soon as is practicable.

10. Any request for extension of the time period referred to in Condition 9 shall be filed with the Council not later than 60 days prior to the expiration date of this Certificate and shall be served on all parties and intervenors, as listed in the service list, and the Town of Naugatuck. Any proposed modifications to this Decision and Order shall likewise be so served.

11. If the facility ceases to provide wireless services for a period of one year, this Decision and Order shall be void, and the Petitioner shall dismantle the tower and remove all associated equipment or reapply for any continued or new use to the Council before any such use is made.

12. Any nonfunctioning antenna, and associated antenna mounting equipment, on this facility shall be removed within 60 days of the date the antenna ceased to function.

13. In accordance with Section 16-50j-77 of the Regulations of Connecticut State Agencies, the Petitioner shall provide the Council with written notice two weeks prior to the commencement of site construction activities. In addition, the Petitioner shall provide the Council with written notice of the completion of site construction, and the commencement of site operation.

14. The Petitioner shall remit timely payments associated with annual assessments and invoices submitted by the Council for expenses attributable to the facility under Conn. Gen. Stat. §16-50v.

15. This declaratory ruling may be transferred in accordance with Conn. Gen. Stat. §16-50k(b), provided both the Petitioner/transferor and the transferee are current with payments to the Council for their respective annual assessments and invoices under Conn. Gen. Stat. §16-50v. In addition, both the Petitioner/transferor and the transferee shall provide the Council a written agreement as to the entity responsible for any quarterly assessment charges under Conn. Gen. Stat. §16-50v(b)(2) that may be associated with this facility.

16. The Petitioner shall maintain the facility and associated equipment, including but not limited to, the tower, tower foundation, antennas, equipment compound, radio equipment, access road, utility line and landscaping in a reasonable physical and operational condition that is consistent with this Decision and Order and a Development and Management Plan to be approved by the Council.

17. If the Petitioner is a wholly-owned subsidiary of a corporation or other entity and is sold/transferred to another corporation or other entity, the Council shall be notified of such sale and/or transfer and of any change in contact information for the individual or representative responsible for management and operations of the Petitioner within 30 days of the sale and/or transfer.

Pursuant to General Statutes § 16-50p, the Council hereby directs that a copy of the Findings of Fact, Opinion, and Decision and Order be served on each person listed below, and notice of issuance shall be published in the Republican-American and the Citizen's News.

By this Decision and Order, the Council disposes of the legal rights, duties, and privileges of each party named or admitted to the proceeding in accordance with Section 16-50j-17 of the Regulations of Connecticut State Agencies.

The parties and intervenors to this proceeding are:

Petitioner	**Its Representative**
North Atlantic Towers, LLC and New Cingular Wireless PCS LLC	Lucia Chiocchio. Esq. Christopher B. Fisher, Esq. Cuddy & Feder LLP 445 Hamilton Avenue, 14th Floor White Plains, NY 10601

EXHIBIT 7

From: UPS
To: Barbara Kassabian
Subject: UPS Delivery Notification, Tracking Number 1Z9Y45030318905020
Date: Thursday, November 2, 2023 12:41:41 PM

Hello, your package has been delivered.

Delivery Date: Thursday, 11/02/2023
Delivery Time: 12:40 PM
Signed by: WEBSTER

CENTERLINE SITE ACQUISITION

Tracking Number:	1Z9Y45030318905020
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:	14519450

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From: UPS
To: Barbara Kassabian
Subject: UPS Delivery Notification, Tracking Number 1Z9Y45030318900016
Date: Thursday, November 2, 2023 9:57:49 AM

Hello, your package has been delivered.

Delivery Date: Thursday, 11/02/2023
Delivery Time: 9:56 AM
Signed by: JIM

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CENTERLINE SITE ACQUISITION

Tracking Number:	1Z9Y45030318900016
Ship To:	NAUGATUCK TOWN HALL 229 CHURCH STREET 4TH FLOOR NAUGATUCK, CT 067704145 US
Number of Packages:	1
UPS Service:	UPS Ground
Package Weight:	1.0 LBS
Reference Number:	14519450

From: UPS
To: Barbara Kassabian
Subject: UPS Delivery Notification, Tracking Number 1Z9Y45030330859807
Date: Thursday, November 2, 2023 1:22:00 PM

Hello, your package has been delivered.

Delivery Date: Thursday, 11/02/2023

Delivery Time: 1:19 PM

Left At: OTHER-RELEAS

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CENTERLINE SITE ACQUISITION

Tracking Number:	1Z9Y45030330859807
Ship To:	MAJORIE PIERCE 111 BIRCH LANE NAUGATUCK, CT 067702527 US
Number of Packages:	1
UPS Service:	UPS Ground
Package Weight:	1.0 LBS
Reference Number:	14519450

From: UPS
To: Barbara Kassabian
Subject: UPS Delivery Notification, Tracking Number 1Z9Y45030329693195
Date: Thursday, November 2, 2023 9:56:58 AM

Hello, your package has been delivered.

Delivery Date: Thursday, 11/02/2023
Delivery Time: 9:55 AM
Signed by: MICHELLE

CENTERLINE SITE ACQUISITION

Tracking Number:	1Z9Y45030329693195
Ship To:	NAUGATUCK TOWN HALL 229 CHURCH ST NAUGATUCK, CT 06770 US
Number of Packages:	1
UPS Service:	UPS Ground
Package Weight:	1.0 LBS
Reference Number:	14519450

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