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

October 30, 2023

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

RE: Notice of Exempt Modification // Site: BURLINGTON SW CT (ATC: 209185)
87 Monce Road, Burlington, CT 06013
N 41.73919118 // W -72.90781905

Dear Ms. Bachman,

Cellco Partnership d/b/a Verizon Wireless currently maintains nine (9) antenna at the 91-ft level on the existing 120ft Tower, located at 87 Monce Road, Burlington, CT. The tower is owned by American Tower. Verizon Wireless proposed modification involves the installation of 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 12, 2023, by A.T Engineering Services, LLC, a structural analysis dated September 6, 2023, by American Tower Corp., and a structural mount analysis by Colliers Engineering and Design dated August 3, 2023, and Non-Ionizing Electromagnetic Radiation (NIER) Study dated October 18, 2023, by Tower Engineering Professionals.

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

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

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

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

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

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

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

Sincerely,

Derek Maheux

_____

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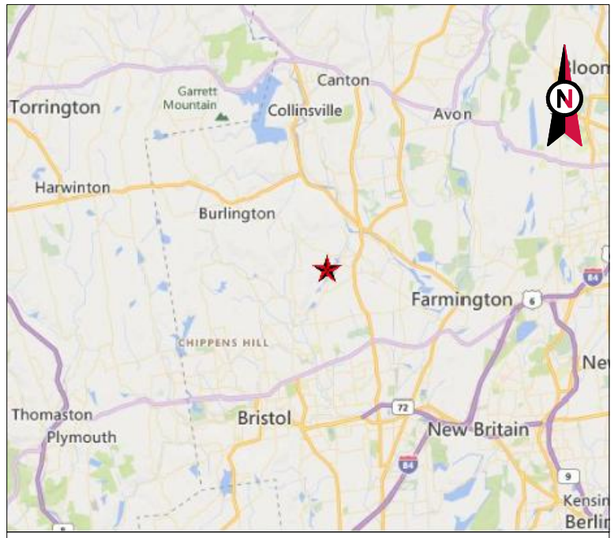
Attachments:
Exhibit 1 – Construction Drawings
Exhibit 2 – Property Card and GIS
Exhibit 3 – Structural Analysis
Exhibit 4 – Mount Analysis
Exhibit 5 – RF Emissions Analysis Report Evaluation
Exhibit 6 – Available Original Tower Approval Records
Exhibit 7 – Notice Deliver Confirmations

cc: Douglas Thompson – First Selectman – Chief Elected Official
Jerry Burns – Zoning Enforcement Officer - as P&Z official
Insite Towers Devt LLC – as ground owner
American Tower Corporation - as tower owner

EXHIBIT 1



VICINITY MAP

AMERICAN TOWER®

ATC SITE NAME: BURLINGTON 2
ATC SITE NUMBER: 209185
VERIZON SITE NAME: BURLINGTON SW CT - A
VERIZON SITE NUMBER: 5000063849
SITE ADDRESS: 87 MONCE ROAD
BURLINGTON, CT 06013

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:	116 MPH (3-SECOND GUST)
BASIC WIND SPEED W/ ICE:	50 MPH (3 SECOND GUST) W/ 1.50" RADIAL ICE CONCURRENT
CODE(S):	ANSI/TIA-222-H / 2021 IBC / 2022 CONNECTICUT STATE BUILDING CODE
EXPOSURE CATEGORY:	C
RISK CATEGORY:	II
TOPO FACTOR PROCEDURE:	METHOD 1
TOPOGRAPHIC CATEGORY:	1
FEATURE:	FLAT
SPECTRAL RESPONSE:	S_S=0.18, S_1=0.05
SITE CLASS:	D - STIFF SOIL - DEFAULT

INFORMATION TAKEN FROM STRUCTURAL ANALYSIS COMPLETED BY ATC, DATED 09/06/23.

UTILITY COMPANIES

POWER COMPANY: UNKNOWN
PHONE: N/A

TELEPHONE COMPANY: UNKNOWN
PHONE: N/A

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

PROJECT SUMMARY

SITE ADDRESS:

87 MONCE ROAD
BURLINGTON, CT 06013
COUNTY: HARTFORD

GEOGRAPHIC COORDINATES:

LATITUDE: 41.73919118
LONGITUDE: -72.90781905
GROUND ELEVATION: 288' 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:

TOWN OF BURLINGTON
87 MONCE ROAD
BURLINGTON, CT 06013

PROJECT DESCRIPTION

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

INSTALL MOUNT MODS, (1) DUAL SWIVEL MOUNT(s), AND (2) FILTER(s)

EXISTING (9) ANTENNA(s), (9) RRH(s), (1) OVP(s), AND (1) 1 5/8" HYBRID CABLE(s) TO REMAIN

PROJECT NOTES

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

PROJECT LOCATION DIRECTIONS

FROM CITY: HARTFORD, CT

TAKE I-84 W/US-6 W TOWARD WATERBURY. TAKE THE US-6 W EXIT, EXIT 38, TOWARD BRISTOL, KEEP LEFT TO TAKE THE RAMP TOWARD BRISTOL. STAY STRAIGHT TO GO ONTO COLT HWY/US-6 W. CONTINUE TO FOLLOW US-6 W. TURN RIGHT ONTO PLAINVILLE AVE/CT-177,TURN LEFT ONTO COPPERMINE RD. COPPERMINE RD BECOMES STAFFORD RD, TURN RIGHT ONTO MONCE RD, DESTINATION ON LEFT.

SHEET INDEX

SHEET NO:	DESCRIPTION:	REV:	DATE:	BY:
G-001	TITLE SHEET	0	9/12/2023	AP
G-002	GENERAL NOTES	0	9/12/2023	AP
C-101	DETAILED SITE PLAN	0	9/12/2023	AP
C-201	TOWER ELEVATION	0	9/12/2023	AP
C-401	ANTENNA INFORMATION & SCHEDULE	0	9/12/2023	AP
C-501	CONSTRUCTION DETAILS	0	9/12/2023	AP
E-501	GROUNDING DETAILS	0	9/12/2023	AP
R-601	SUPPLEMENTAL			
R-602	SUPPLEMENTAL			

CONTRACTOR PMI REQUIREMENTS

PMI ACCESSED AT:	HTTPS://PMI.VZWSMART.COM
SMART TOOL VENDOR PROJECT NUMBER:	10208052
VZW LOCATION CODE (PSLC):	5000063849

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

MOUNT MODIFICATION REQUIRED:	YES
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

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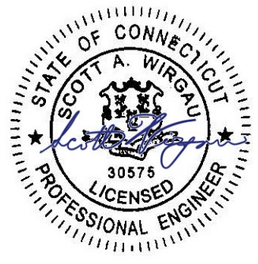

verizon

ATC JOB NO:	14519475_G0
CUSTOMER ID:	BURLINGTON SW CT - A
CUSTOMER #:	5000063849

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	AP	9/12/2023

ATC SITE NUMBER:
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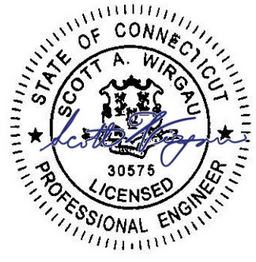
BURLINGTON 2
VERIZON SITE NAME:
BURLINGTON SW CT - A
SITE ADDRESS:
87 MONCE ROAD
BURLINGTON, CT 06013

SEAL:



Digitally Signed: 2023-09-13

verizon

ATC JOB NO:	14519475_G0
CUSTOMER ID:	BURLINGTON SW CT - A
CUSTOMER #:	5000063849

GENERAL NOTES

SHEET NUMBER:	REVISION:
G-002	0

SITE PLAN NOTES:

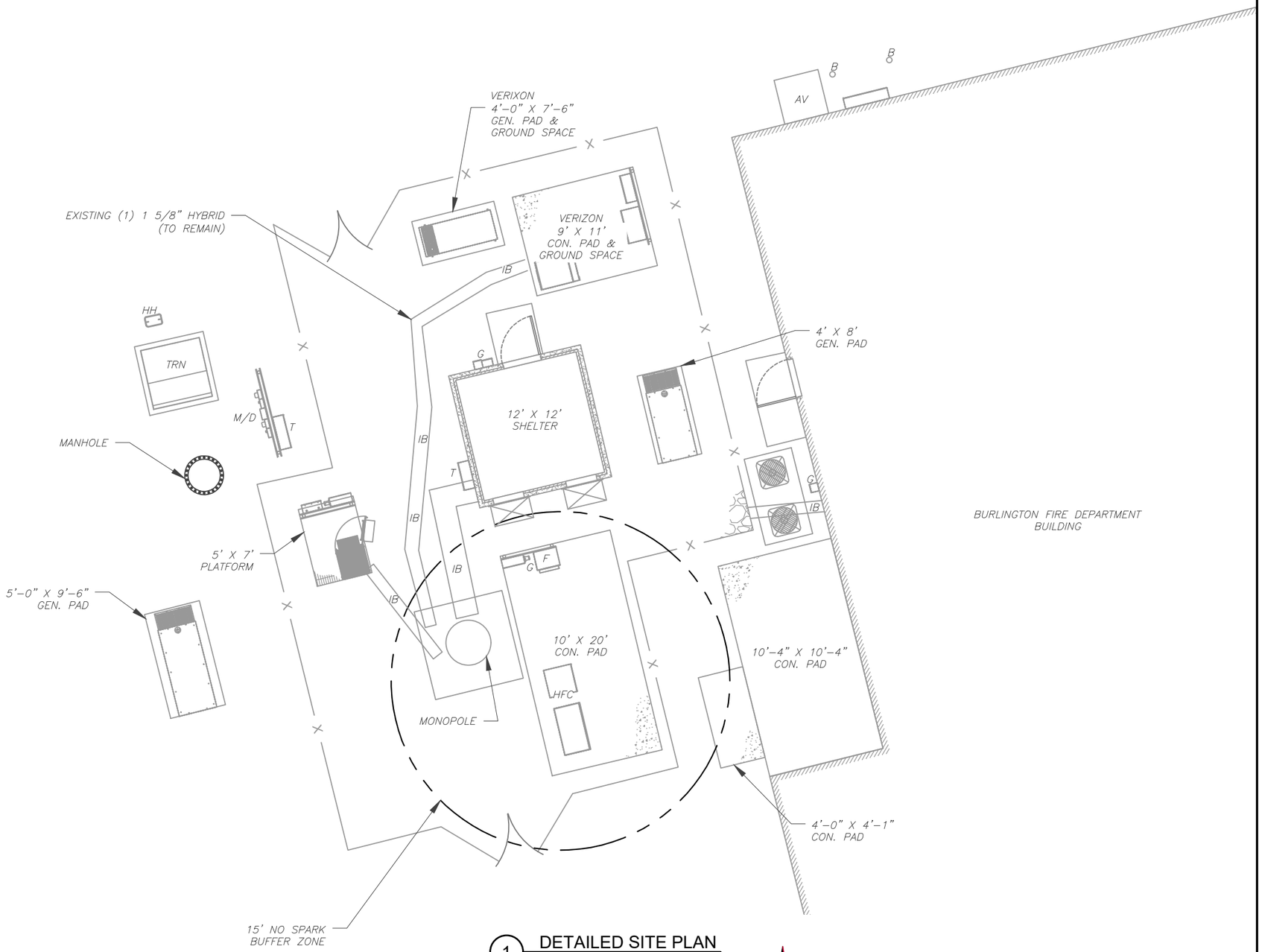
1. THIS SITE PLAN REPRESENTS THE BEST PRESENT KNOWLEDGE AVAILABLE TO THE ENGINEER AT THE TIME OF THIS DESIGN. THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO CONSTRUCTION AND VERIFY ALL EXISTING CONDITIONS RELATED TO THE SCOPE OF WORK FOR THIS PROJECT.

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
0	FOR CONSTRUCTION	AP	9/12/2023

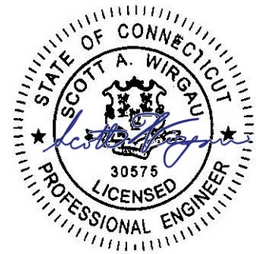
ATC SITE NUMBER:
209185

ATC SITE NAME:
BURLINGTON 2

VERIZON SITE NAME:
BURLINGTON SW CT - A

SITE ADDRESS:
87 MONCE ROAD
BURLINGTON, CT 06013

SEAL:



Digitally Signed: 2023-09-13

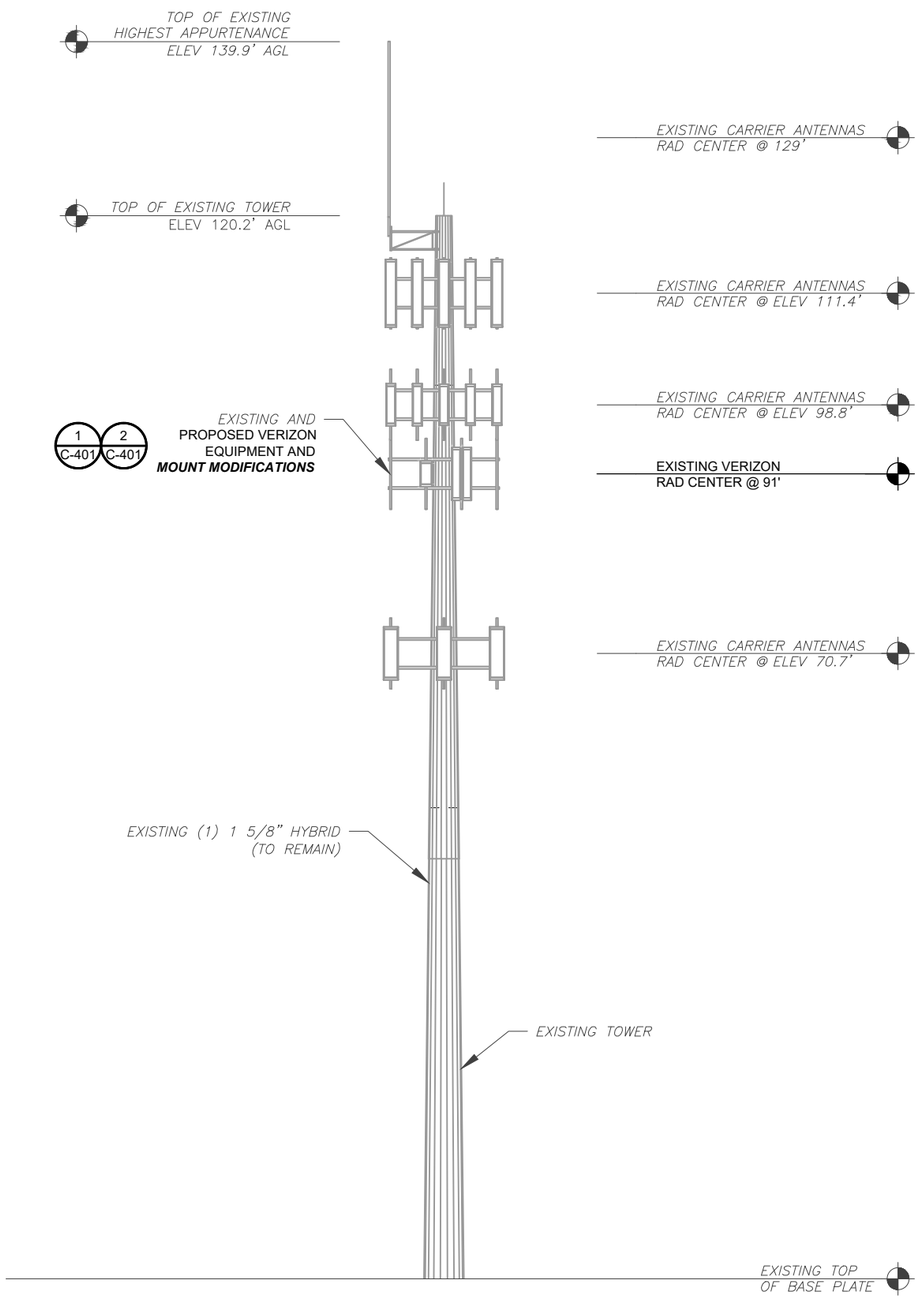
verizon

ATC JOB NO:	14519475_G0
CUSTOMER ID:	BURLINGTON SW CT - A
CUSTOMER #:	5000063849

DETAILED SITE PLAN

SHEET NUMBER:	REVISION:
C-101	0

PER MOUNT ANALYSIS COMPLETED BY COLLIERS ENGINEERING & DESIGN, DATED 08/03/23, THE EXISTING MOUNT MUST BE MODIFIED TO ADEQUATELY SUPPORT THE PROPOSED LOADING. THE MOUNT MODIFICATION PROPOSED IN THE MOUNT ANALYSIS, INCLUDED AT THE END OF THIS PLAN SET, MUST BE INSTALLED PRIOR TO THE INSTALLATION OF THE PROPOSED ANTENNAS AND OTHER EQUIPMENT.



1 TOWER ELEVATION
SCALE: N.T.S.

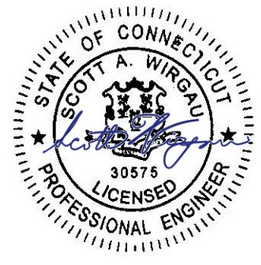
TOWER NOTE:
1. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONFIRM WITH THE PROJECT MANAGER THAT THEY HAVE THE MOST RECENT VERSION OF THE STRUCTURAL ANALYSIS BEFORE COMMENCING WORK. EXISTING AND PROPOSED TOWER APPURTENANCES, MOUNTS, AND ANTENNAS ARE SHOWN BASED ON THE STRUCTURAL ANALYSIS.
2. WHERE APPLICABLE, 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	AP	9/12/2023

ATC SITE NUMBER:
209185
ATC SITE NAME:
BURLINGTON 2
VERIZON SITE NAME:
BURLINGTON SW CT - A
SITE ADDRESS:
87 MONCE ROAD
BURLINGTON, CT 06013

SEAL:



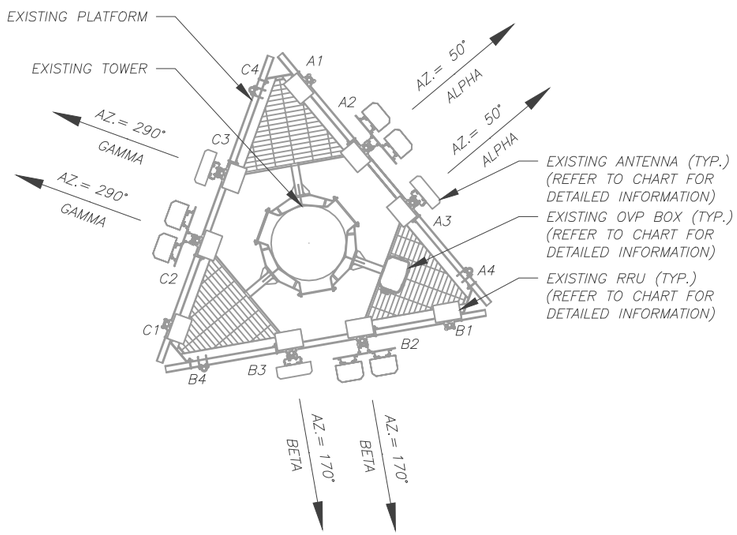
Digitally Signed: 2023-09-13

verizon

ATC JOB NO:	14519475_G0
CUSTOMER ID:	BURLINGTON SW CT - A
CUSTOMER #:	5000063849

TOWER ELEVATION

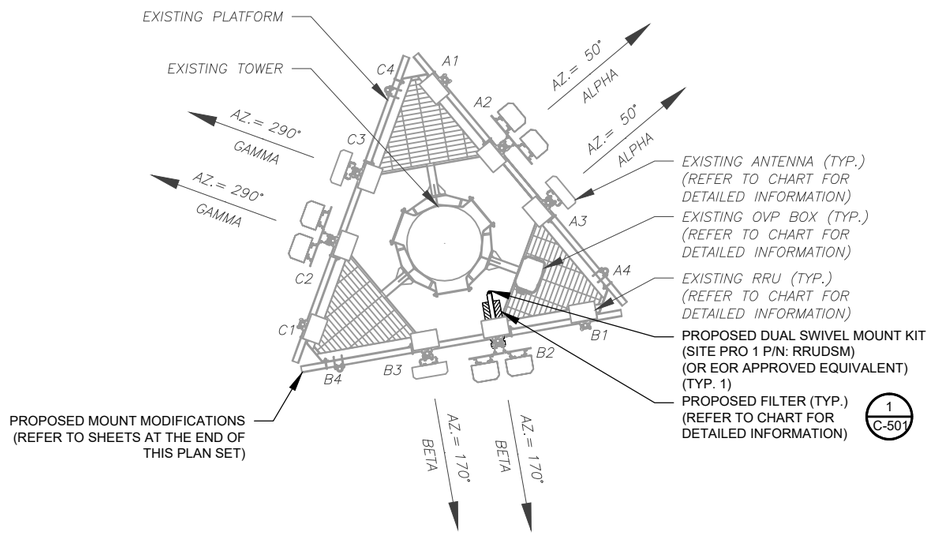
SHEET NUMBER:	REVISION:
C-201	0



1 EXISTING ANTENNA PLAN

SCALE: N.T.S.

PER MOUNT ANALYSIS COMPLETED BY COLLIERS ENGINEERING & DESIGN, DATED 08/03/23, THE EXISTING MOUNT MUST BE MODIFIED TO ADEQUATELY SUPPORT THE PROPOSED LOADING. THE MOUNT MODIFICATION PROPOSED IN THE MOUNT ANALYSIS, INCLUDED AT THE END OF THIS PLAN SET, MUST BE INSTALLED PRIOR TO THE INSTALLATION OF THE PROPOSED ANTENNAS AND OTHER EQUIPMENT.



2 FINAL ANTENNA PLAN

SCALE: N.T.S.

EXISTING ANTENNA SCHEDULE

LOCATION			ANTENNA SUMMARY				NON ANTENNA SUMMARY	
SECTOR	RAD	AZ	POS	ANTENNA	BAND	STATUS	ADDITIONAL TOWER MOUNTED EQUIPMENT	STATUS
ALPHA	91'	50°	A1	–	–	–	B5/B13 RRH–BR04C	RMN
			A2	NHHSS–65B–R2BT4 NHH–65B–R2B	–	RMN RMN	B2/B66A RRH–BR049	RMN
			A3	MT6407–77A	–	RMN	RT4401–48A	RMN
			A4	–	–	–	–	–
BETA	91'	170°	B1	–	–	–	B5/B13 RRH–BR04C	RMN
			B2	NHHSS–65B–R2BT4 NHH–65B–R2B	–	RMN RMN	B2/B66A RRH–BR049	RMN
			B3	MT6407–77A	–	RMN	RT4401–48A	RMN
			B4	–	–	–	–	–
GAMMA	91'	290°	C1	–	–	–	B5/B13 RRH–BR04C	RMN
			C2	NHHSS–65B–R2BT4 NHH–65B–R2B	–	RMN RMN	B2/B66A RRH–BR049	RMN
			C3	MT6407–77A	–	RMN	RT4401–48A	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	91'	50°	A1	-	-	-	B5/B13 RRH–BR04C	RMN
			A2	NHHSS–65B–R2BT4 NHH–65B–R2B	–	RMN RMN	B2/B66A RRH–BR049	RMN
			A3	MT6407–77A	–	RMN	RT4401–48A	RMN
			A4	-	-	-	-	-
BETA	91'	170°	B1	-	-	-	B5/B13 RRH–BR04C	RMN
			B2	NHHSS–65B–R2BT4 NHH–65B–R2B	–	RMN RMN	(2) KA-6030 B2/B66A RRH–BR049	ADD RMN
			B3	MT6407–77A	–	RMN	RT4401–48A	RMN
			B4	-	-	-	-	-
GAMMA	91'	290°	C1	-	-	-	B5/B13 RRH–BR04C	RMN
			C2	NHHSS–65B–R2BT4 NHH–65B–R2B	–	RMN RMN	B2/B66A RRH–BR049	RMN
			C3	MT6407–77A	–	RMN	RT4401–48A	RMN
			C4	-	-	-	-	-

EXISTING FIBER DISTRIBUTION/OVP BOX		EXISTING CABLING SUMMARY	
MODEL NUMBER	STATUS	CABLE QTY, SIZE, TYPE	STATUS
(1) RVZDC–6627–PF–48	RMN	(1) 1 5/8" HYBRID	RMN
–	–	–	–

3 EQUIPMENT SCHEDULES

FINAL FIBER DISTRIBUTION / OVP BOX		FINAL CABLING SUMMARY	
MODEL NUMBER	STATUS	CABLE QTY, SIZE, TYPE	STATUS
(1) RVZDC–6627–PF–48	RMN	(1) 1 5/8" HYBRID	RMN
-	-	-	-

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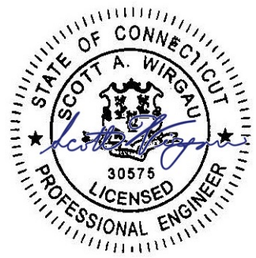
BURLINGTON 2

VERIZON SITE NAME:
BURLINGTON SW CT - A

SITE ADDRESS:
87 MONCE ROAD
BURLINGTON, CT 06013

SEAL:



Digitally Signed: 2023-09-13

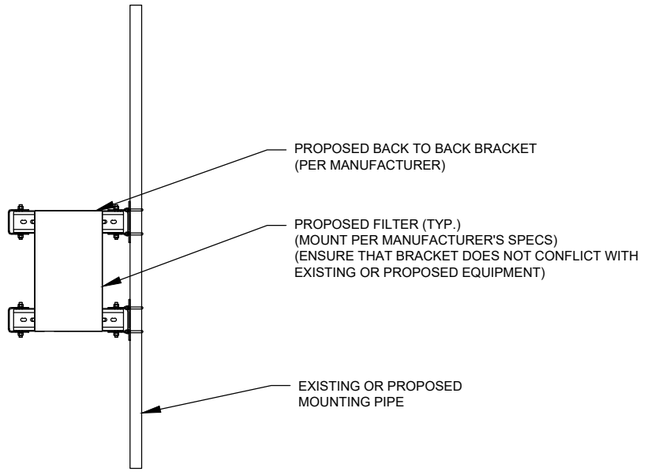
verizon

ATC JOB NO:	14519475_G0
CUSTOMER ID:	BURLINGTON SW CT - A
CUSTOMER #:	5000063849

ANTENNA INFORMATION & SCHEDULE

SHEET NUMBER:	REVISION:
C-401	0

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



1 PROPOSED FILTER MOUNTING DETAIL - TYPICAL

SCALE: N.T.S.

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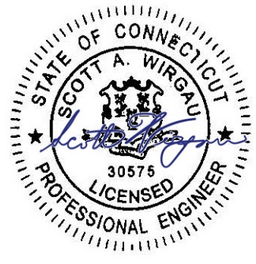

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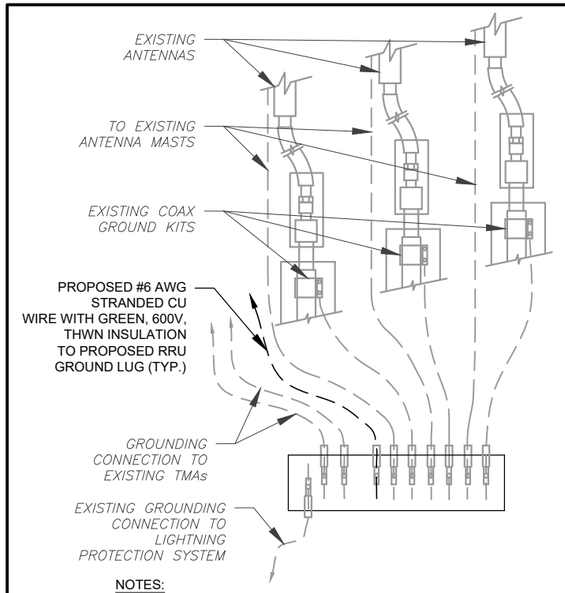
ATC JOB NO:	14519475_G0
CUSTOMER ID:	BURLINGTON SW CT - A
CUSTOMER #:	5000063849

CONSTRUCTION DETAILS

SHEET NUMBER:	REVISION:
C-501	0

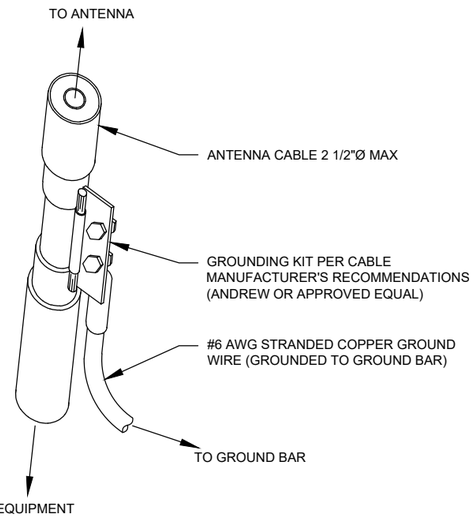


NOTES:

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.

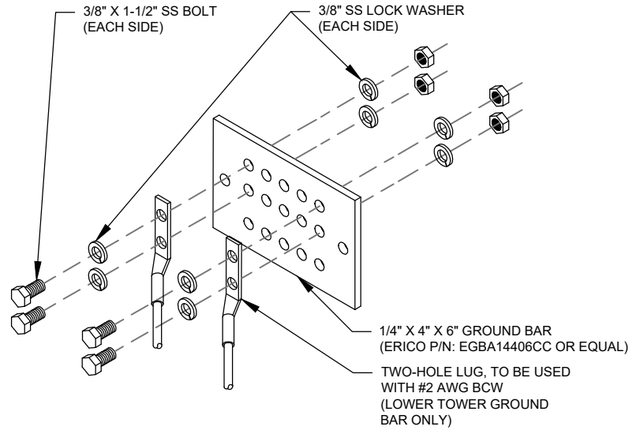


GROUND KIT NOTES:

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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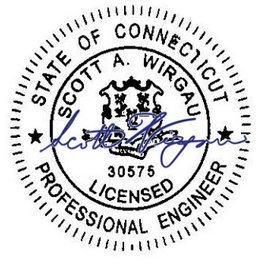


Digitally Signed: 2023-09-13

verizon

ATC JOB NO:	14519475_G0
CUSTOMER ID:	BURLINGTON SW CT - A
CUSTOMER #:	5000063849

GROUNDING DETAILS

SHEET NUMBER: E-501

REVISION: 0

Colliers Engineering & Design CT, P.C.
1055 Washington Boulevard
Stamford, CT 06901
203.324.0800

peter.albano@collierseng.com

Antenna Mount Analysis Report with Hardware Upgrades and PMI Requirements

Mount ReAnalysis

SMART Tool Project #: 10208052
Colliers Engineering & Design CT, P.C. Project #: 23777207

August 3, 2023

Site Information

Site ID:	*5000063849-VZW / BURLINGTON SW CT - A*
Site Name:	*BURLINGTON SW CT - A*
Carrier Name:	*Verizon Wireless*
Address:	*87 Monce Road* *Burlington, Connecticut 06013* *Hartford County*
Latitude:	*41.73913611°*
Longitude:	*-72.90780278°*

Structure Information

Tower Type:	*120-Ft Monopole*
Mount Type:	*12.50-Ft Platform*

FUZE ID # 17123840

Analysis Results

Platform Mount: **37.6% Pass w/ Hardware Upgrades***

*** 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: Ismaias Recinos

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

Requirements:

The existing mount will be **SUFFICIENT** for the final loading configuration shown in attachment 2 upon the completion of the requirements listed below.

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

Contractor shall record all dimensions and member sizes requested in the Mount Geometry Verification Requirements section of the Mount Analysis report. Contractor shall provide the requested information to Colliers Engineering & Design CT, P.C. for structural verification while on site. Contact EOR if these documents are not available to the general contractor.

Contractor shall inspect climbing facilities and safety climb, if present, and ensure they are in good condition. Contractor shall install safety climb wire rope guides in locations where wire rope is rubbing against the mount or mount-to-tower connection steel. Wire brush clean any observed corrosion and protect with two (2) coats of cold galvanization (Zinc Kote or Zinga). Contractor shall provide photos of wire rope guide installation as part of PMI documents. Contact EOR if additional guidance is 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, if required. 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

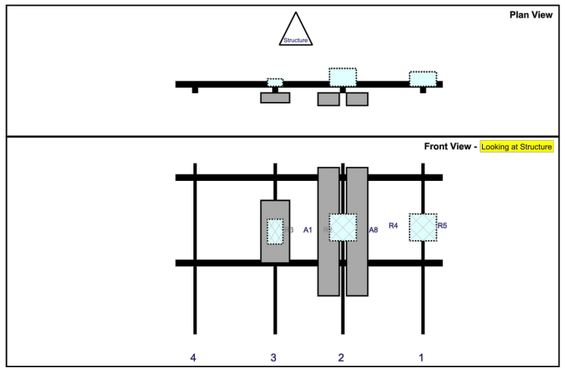
Structure: 5000063849-VZW - BURLINGTON SW CT - A

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

Structure Type: Monopole 10208052

Mount Elev: 89.75 Page: 1

Colliers Engineering & Design



Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
R5	B5/B13 RRH-BR04C (RFV01U-D2A)	15	15	139	1	a	Behind	36	0	Retained	
A1	NHH-65B-R2B	72	11.9	94	2	a	Front	38.4	-8	Retained	
A8	NHHSS-65B-R2BT4	72	11.9	94	2	a	Front	38.4	8	Retained	
R4	B2/B66A RRH-BR049 (RFV01U-D1A)	15	15	94	2	a	Behind	36	0	Retained	
R2	MT6407-77A	35.1	16.1	56	3	a	Front	38.4	0	Retained	
R3	CBRS RRH - RT4401-48A	13.9	8.6	56	3	a	Behind	38.4	0	Retained	

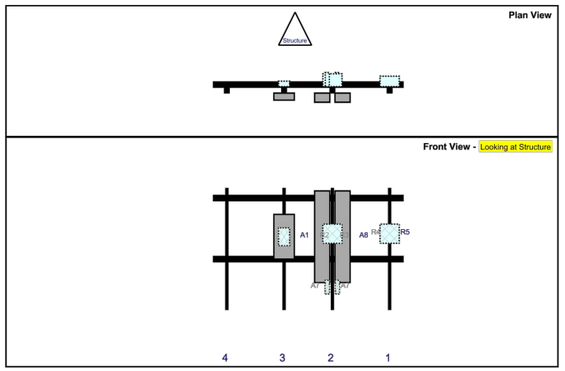
Structure: 5000063849-VZW - BURLINGTON SW CT - A

Sector: **B** 8/3/2023

Structure Type: Monopole 10208052

Mount Elev: 89.75 Page: 2

Colliers Engineering & Design



Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
R5	B5/B13 RRH-BR04C (RFV01U-D2A)	15	15	139	1	a	Behind	36	0	Retained	
A1	NHH-65B-R2B	72	11.9	94	2	a	Front	38.4	-8	Retained	
A8	NHHSS-65B-R2BT4	72	11.9	94	2	a	Front	38.4	8	Retained	
R4	B2/B66A RRH-BR049 (RFV01U-D1A)	15	15	94	2	a	Behind	36	0	Retained	
A7	KA-6030	10.6	3.2	94	2	a	Behind	78	-4	Added	
A7	KA-6030	10.6	3.2	94	2	b	Behind	78	4	Added	
R2	MT6407-77A	35.1	16.1	56	3	a	Front	38.4	0	Retained	
R3	CBRS RRH - RT4401-48A	13.9	8.6	56	3	a	Behind	38.4	0	Retained	

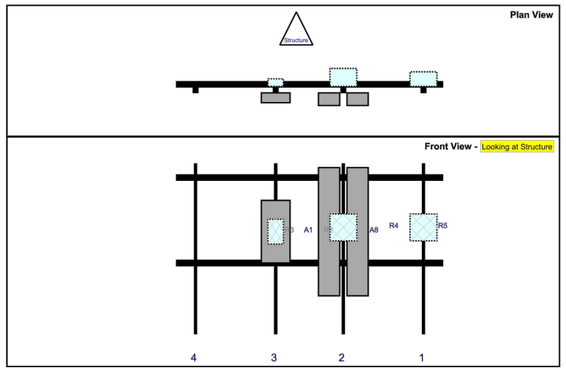
Structure: 5000063849-VZW - BURLINGTON SW CT - A

Sector: **C** 8/3/2023

Structure Type: Monopole 10208052

Mount Elev: 89.75 Page: 3

Colliers Engineering & Design



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R5	B5/B13 RRH-BR04C (RFV01U-D2A)	15	15	139	1	a	Behind	36	0	Retained	
A1	NHH-65B-R2B	72	11.9	94	2	a	Front	38.4	-8	Retained	
A8	NHHSS-65B-R2BT4	72	11.9	94	2	a	Front	38.4	8	Retained	
R4	B2/B66A RRH-BR049 (RFV01U-D1A)	15	15	94	2	a	Behind	36	0	Retained	
R2	MT6407-77A	35.1	16.1	56	3	a	Front	38.4	0	Retained	
R3	CBRS RRH - RT4401-48A	13.9	8.6	56	3	a	Behind	38.4	0	Retained	

1 MOUNT ANALYSIS

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SUPPLEMENTAL

SHEET NUMBER: R-602

REVISION: 0

KA-6030

TWIN BANDSTOP 900MHZ INTERFERENCE MITIGATION FILTER

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

FEATURES

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

TECHNICAL SPECIFICATIONS

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

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

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

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

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

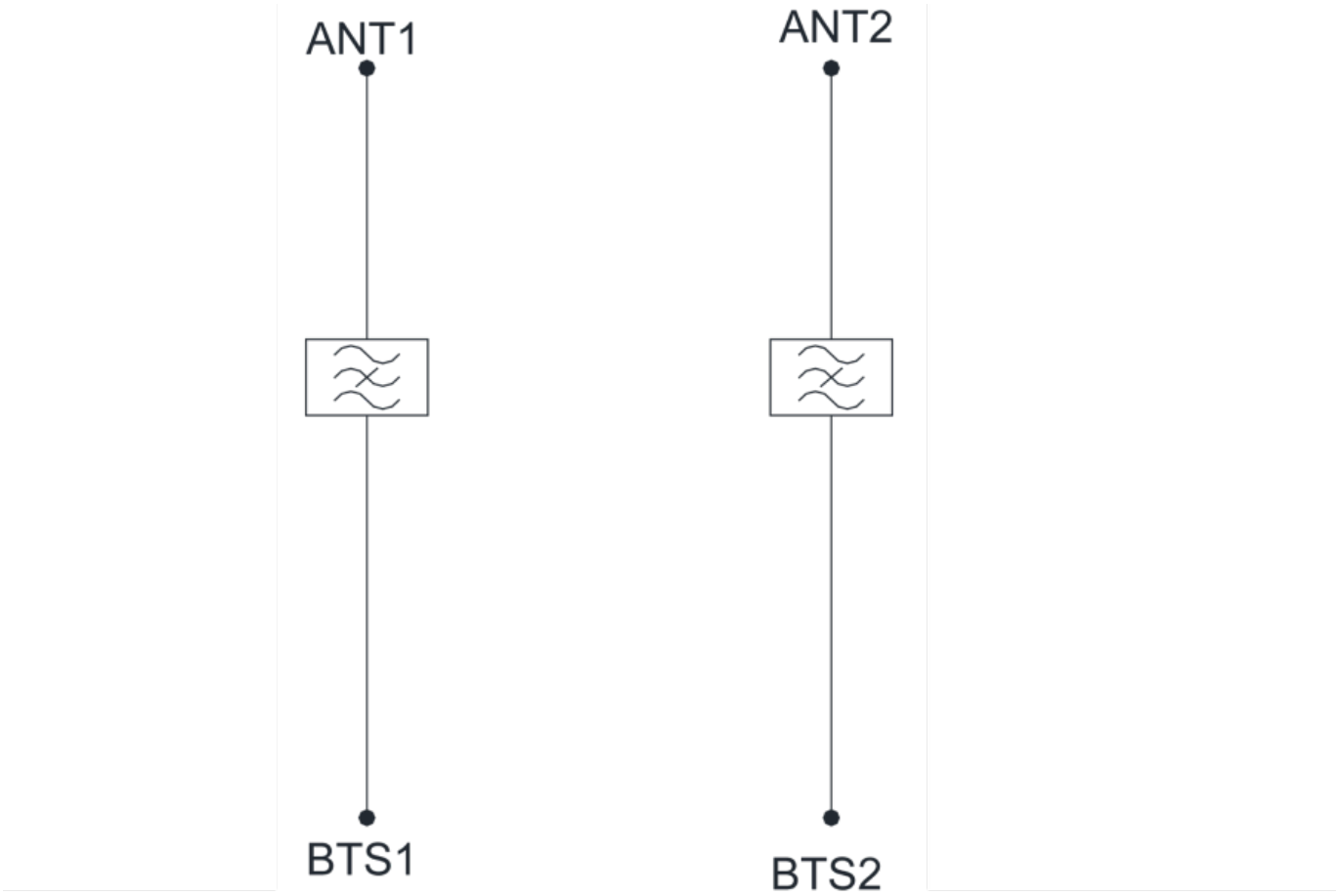
Contact Us: +1 303 768 8080 | +61 (0) 7 3907 1200 | www.kaelus.com

ORDERING INFORMATION

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

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

ELECTRICAL BLOCK DIAGRAM



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

MECHANICAL BLOCK DIAGRAM

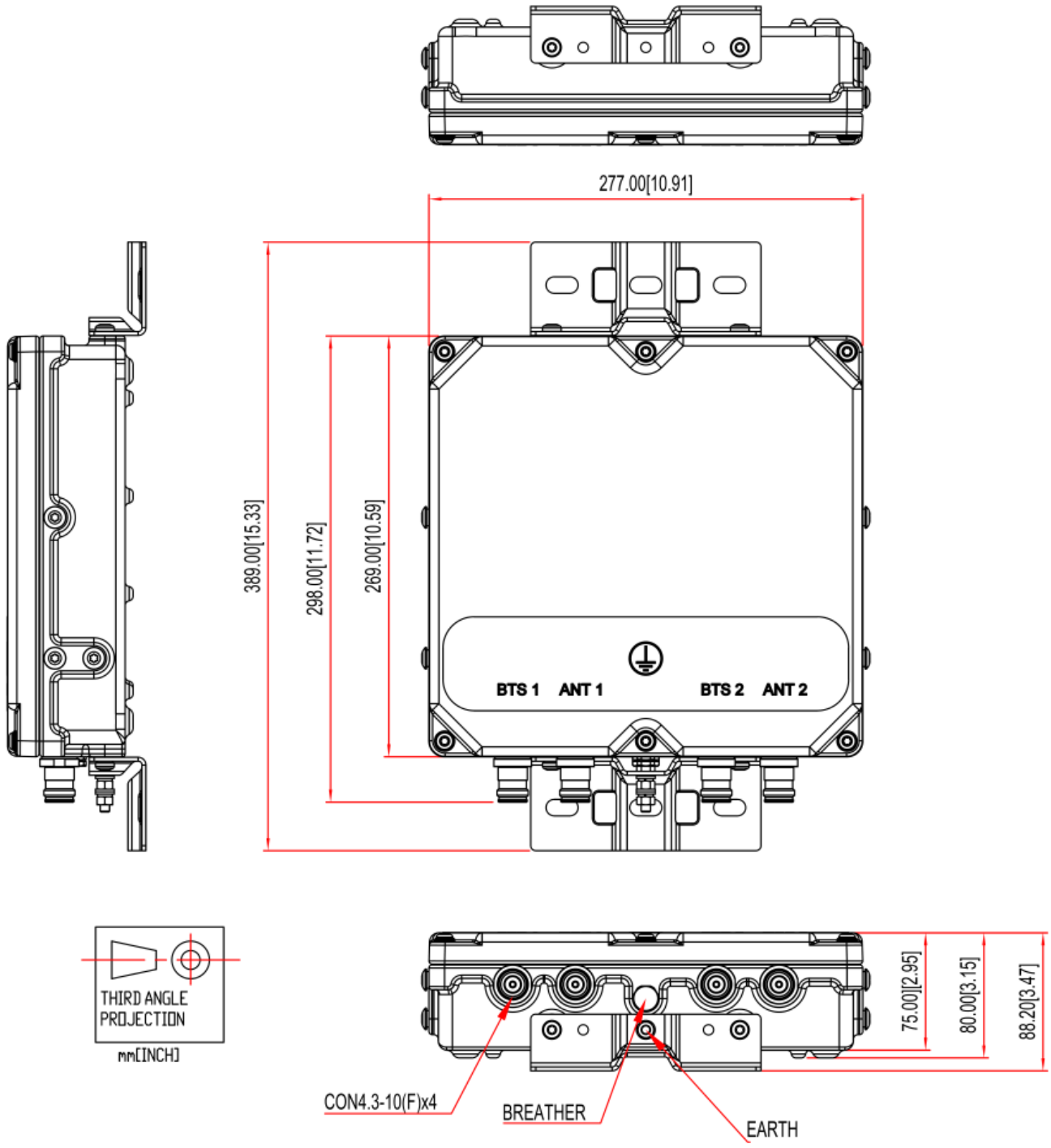


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EXHIBIT 2

Property Location **87 MONCE RD** Map ID 11/06 / 33/CEL / Bldg Name State Use 402V
Vision ID 106281 Account # 00039410 Bldg # 1 Sec # 1 of 1 Card # 1 of 1 Print Date 2/9/2023 3:45:05 AM

CURRENT OWNER	TOPO	UTILITIES	STRT / ROAD	LOCATION
INSITE TOWERS DEVT LLC				
LEGAL DEPT				
CO RYAN PTS DEPT 607				
PO BOX 460389				
HOUSTON TX 77056				

SUPPLEMENTAL DATA

Alt Prcl ID 00039410	
Sub-Div	Section B
WATER LI	2018 REV
490 Penalt	Asking
490 Penalt	Send Notic
GIS ID	Assoc Pid#

CURRENT ASSESSMENT

Description	Code	Appraised	Assessed
IND LAND	3-1	240,000	168,000
	Total	240,000	168,000

BURLINGTON, CT

VISION

RECORD OF OWNERSHIP

	BK-VOL/PAGE		SALE DATE	Q/U	V/I	SALE PRIC	VC
INSITE TOWERS DEVT LL LEGAL DEPT	0335	0780	04-06-2015	U	V	0	04

PREVIOUS ASSESSMENTS (HISTORY)

Year	Code	Assessed	Year	Code	Assessed V	Year	Code	Assessed
2022	3-1	168,000	2021	3-1	168,000	2020	3-1	168,000
	Total	168,000		Total	168,000		Total	168,000

EXEMPTIONS

Year	Code	Description	Amount
		Total	0.00

OTHER ASSESSMENTS

Code	Description	Number	Amount	Comm Int

This signature acknowledges a visit by a Data Collector or Assessor

ASSESSING NEIGHBORHOOD

Nbhd	Nbhd Name	B	Tracing	Batch
0001				

NOTES

CELL SITE
0.23 ACRE FROM ACCT 00039400
100 X 100 CELL SITE AREA
CELL SITE VALUE BASED ON TYPICAL LAND ADDR CH FROM INSITE 4/2021
LEASE $24K A YR -5% VAC -15% EXP =
$19,200 / 0.09 CAP = $240,000 VALUE

APPRAISED VALUE SUMMARY

Appraised Bldg. Value (Card)	0
Appraised Xf (B) Value (Bldg)	0
Appraised Ob (B) Value (Bldg)	0
Appraised Land Value (Bldg)	240,000
Special Land Value	0
Total Appraised Parcel Value	240,000
Valuation Method	C
Total Appraised Parcel Value	240,000

BUILDING PERMIT RECORD

Permit Id	Issue Date	Type	Description	Amount	Insp Date	% Comp	Date Comp	Comments
20-202E	11-18-2020	EL	Electric	21,250		100		INSTALL NEW 200A SERVICE
20-262B		EX	EXTERIOR	96,500		0		CO LOCATE 6 PANEL ANTEN

VISIT / CHANGE HISTORY

Date	Id	Type	Is	Cd	Purpost/Result

LAND LINE VALUATION SECTION

B	Use Code	Description	Zone	Land Type	Land Units		Unit Price	Size Adj	Site Index	Cond.	Nbhd.	Nbhd. Adj	Notes	Location Adjustment		Adj Unit P	Land Value
1	402V	Ind Bldg Mdl-00	R44		0.230	SF	0.00	1.00000	0	1.00		1.000			0.0000	0	0
1	402V	Ind Bldg Mdl-00			1.000		240,000.00	1.00000	0	1.00		1.000	CELL SITE		1.0000	240,000	240,000
		Total Card Land Units			0.230	AC	Parcel Total Land Area			0.230					Total Land Value		240,000

Property Location 87 MONCE RD | Map ID 11/06 / 33/CEL / | Bldg Name | State Use 402V
Vision ID 106281 | Account # 00039410 | Bldg # 1 | Sec # 1 of 1 | Card # 1 of 1 | Print Date 2/9/2023 3:45:06 AM

CONSTRUCTION DETAIL

Element	Cd	Description
Style:	99	Vacant Land
Model	00	Vacant
Grade:		
Stories:		
Occupancy		
Exterior Wall 1		
Exterior Wall 2		
Roof Structure:		
Roof Cover		
Interior Wall 1		
Interior Wall 2		
Interior Flr 1		
Interior Flr 2		
Heat Fuel		
Heat Type:		
AC Type:		
Total Bedrooms		
Total Bthrms:		
Total Half Baths		
Total Xtra Fixtrs		
Total Rooms:		
Bath Style:		
Kitchen Style:		

CONSTRUCTION DETAIL (CONTINUED)

Element	Cd	Description

CONDO DATA

Parcel Id		C		Owne	0.0
		B		S	

Adjust Type	Code	Description	Factor%
Condo Flr			
Condo Unit			

COST / MARKET VALUATION

Building Value New	0
Year Built	0
Effective Year Built	0
Depreciation Code	
Remodel Rating	
Year Remodeled	
Depreciation %	0
Functional Obsol	0
External Obsol	0
Trend Factor	1
Condition	
Condition %	100
Percent Good	98
RCNLD	0
Dep % Ovr	
Dep Ovr Comment	
Misc Imp Ovr	
Misc Imp Ovr Comment	
Cost to Cure Ovr	
Cost to Cure Ovr Comment	

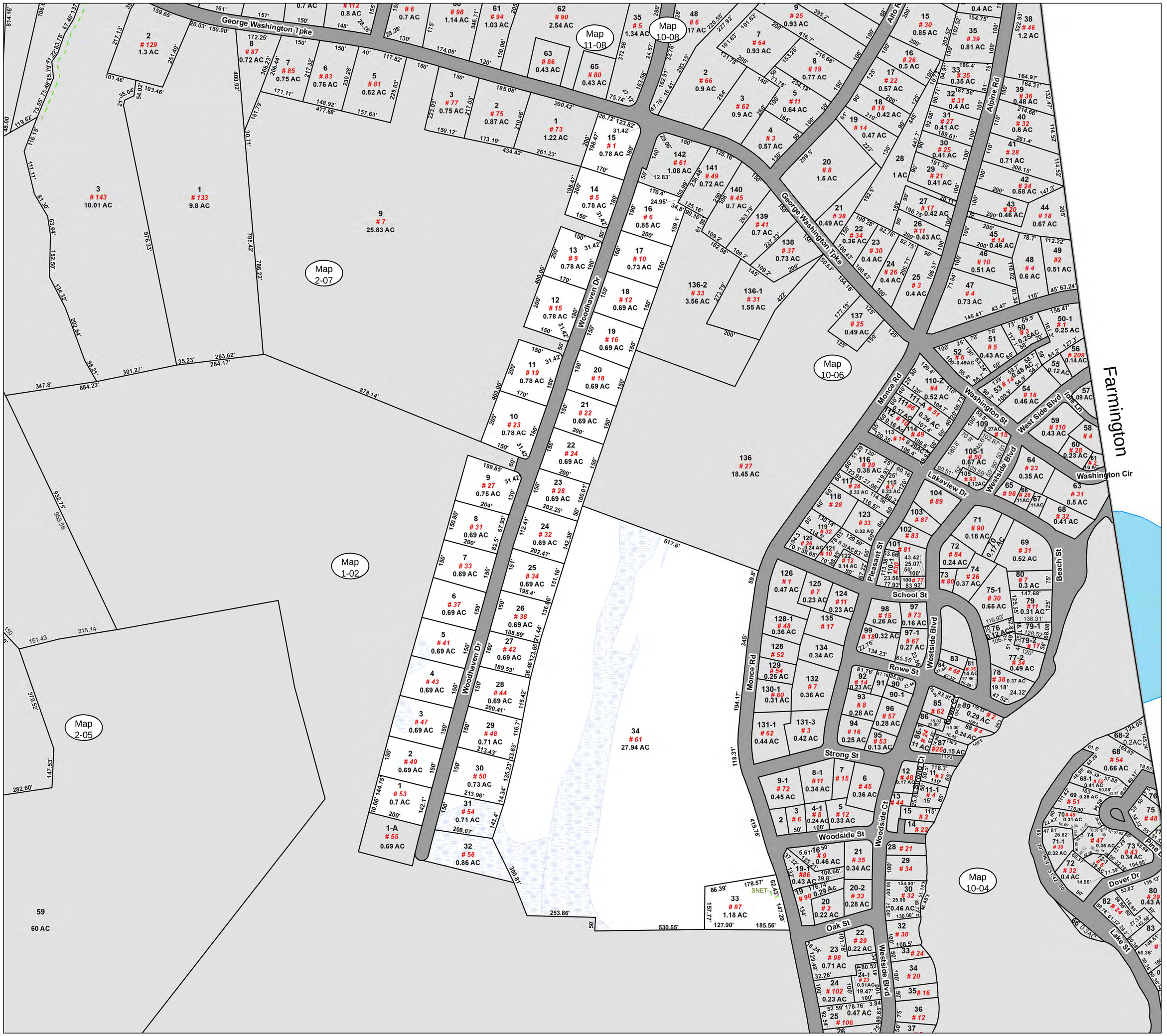
No Sketch

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

Code	Description	L/B	Units	Unit Price	Yr Blt	Cond. Cd	% Gd	Grade	Grade Adj.	Appr. Value

BUILDING SUB-AREA SUMMARY SECTION

Code	Description	Living Area	Floor Area	Eff Area	Unit Cost	Undeprec Value
	Ttl Gross Liv / Lease Area	0	0	0		0



Town of Burlington, Connecticut

2023

Assessment Parcel Map

13	Parcel Lot		Easements
# 17	House Number		Streams
2.4 Ac	Acreage		Water Bodies
246.25	Parcel Dimension		Wetlands
	Parcels		

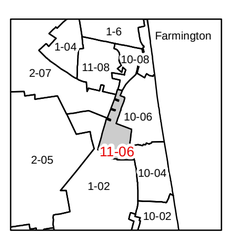
Water features courtesy of CT DEEP

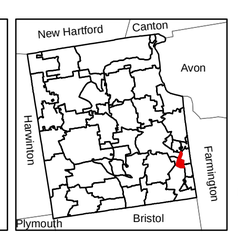
1 inch = 185 feet

Map: 11-06

Print Date: June 2023

Grand List 2022





N
W
E
S

Map Coordinates based on NAD 83 Connecticut State Plane Feet.Parcel Features based on aerial photography dated 2012.

NEGEO
New England Geosystems
www.negeosystems.com

Disclaimer:
This map is for informational purposes only.All information is subject to verification by any user. The Town of Burlington and its mapping contractors assume no legal responsibility for the information contained herein.

EXHIBIT 3

AMERICAN TOWER®
CORPORATION

Structural Analysis Report

Structure	:	119 ft Monopole
ATC Asset Name	:	Burlington 2
ATC Asset Number	:	209185
Engineering Number	:	14519475_C3_02
Proposed Carrier	:	VERIZON WIRELESS
Carrier Site Name	:	BURLINGTON SW CT - A
Carrier Site Number	:	5000063849
Site Location	:	87 Monce Road Burlington, CT 6013-2542 41.7392° N, 72.9078° W
County	:	Hartford
Date	:	September 6, 2023
Max Usage	:	56%
Analysis Result	:	Pass

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:	Sabre Job #160579, dated April 5, 2017
Foundation:	Sabre Job #160579, dated April 5, 2017
Geotechnical:	Geotechnical Report by Dr. Clarence Welti, P.E., dated March 17, 2014

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:	116 mph (3-second gust)
Basic Wind Speed w/ Ice:	50 mph (3-second gust) w/ 1.50" radial ice concurrent
Code(s):	ANSI/TIA-222-H / 2021 IBC / 2022 Connecticut State Building Code
Exposure Category:	C
Risk Category:	II
Topographic Factor Procedure:	Method 1
Topographic Category:	1
Feature:	Flat
Spectral Response:	Ss = 0.18, 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	56.8%	1.2D + 1.0W	Pass
Base Plate @ 0.0 ft	47.3%	Rods	Pass
Pier	45.3%	Flexure [Steel]	Pass
Mat & Pier	48.0%	Moment [Soil]	Pass

Maximum Reactions

Foundation	Moment (k-ft)	Axial (k)	Shear (k)
Monopole Base	2,544.8	45.8	29.1

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
91.0	1	Raycap RVZDC-6627-PF-48	(1) 1 5/8" Hybriflex
	2	Kaelus KA-6030	
	3	Commscope NHH-65B-R2B	
	3	Commscope NHHSS-65B-R2BT4	
	3	Samsung B2/B66A RRH-BR049	
	3	Samsung B5/B13 RRH-BR04C	
	3	Samsung MT6407-77A	
	3	Samsung RT4401-48A	
90.0	1	Platform with Handrails	-
89.0	1	Mount Reinforcement	-

Other Existing/Reserved Loading

Elev (ft)	Qty	Equipment	Lines	Carrier
128.9	2	22' Omni	-	OTHER
123.5	1	12' Omni	-	OTHER
118.0	3	Stand-Off	-	OTHER
110.0	1	Square Platform with Handrails	(2) 0.39" (10mm) Fiber Trunk (8) 0.76" (19.2mm) 8 AWG 6	AT&T MOBILITY
	3	Ericsson RRUS 32 B66A		
	3	Ericsson RRUS-32 (77 lbs)		
	4	Raycap DC6-48-60-18-8F (31.25" Height)		
	6	Ericsson RRUS-11 (19.7”)		
	6	Ericsson RRUS-12 B2		
	12	CCI HPA-65R-BUU-H8		
109.0	1	Mount Reinforcement	-	AT&T MOBILITY
100.0	1	Mount Reinforcement	(2) 1.4" (35.6mm) Hybrid (1) 1.99" (50.7mm) Hybrid	T-MOBILE
	1	Low Profile Platform		
	3	Ericsson 4480 BAND 71		
	3	Ericsson AIR32 B66Aa/B2a		
	3	Ericsson RRUS 11 B4		
	3	RFS APX16DWV-16DWVS-E-A20		
	3	RFS APXVAALL24 43-U-NA20		
70.0	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		
3.0	3	Ericsson RRUS E2	-	AT&T MOBILITY

(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.

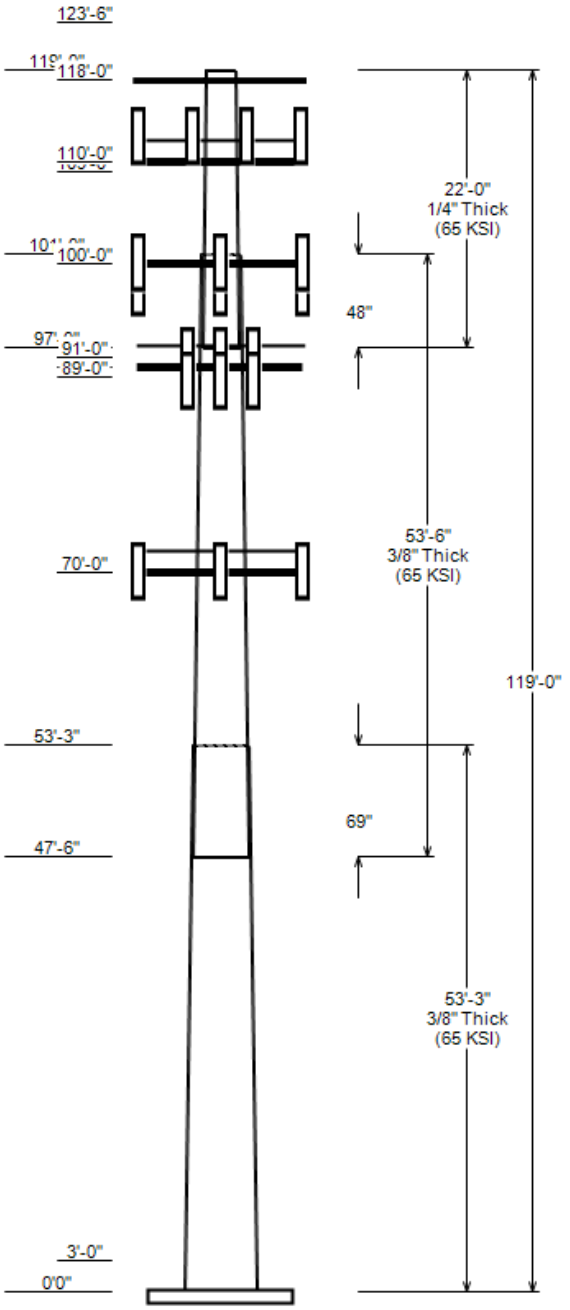
All assets of American Tower Corporation, its affiliates, and subsidiaries (collectively "American Tower") are inspected at regular intervals. Based upon these inspections and in the absence of information to the contrary, American Tower assumes that all structures were constructed in accordance with 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:	116 mph	**Ice Wind:**	50 mph w/ 1.5" ice	**Service Wind:**	60 mph
Risk Category:	II	**Exposure:**	C	**S_s:** 0.184	**S_1:** 0.054
Topo Category:	1	**Topo Factor:**	Method 1	**Topo Feature:**	
Structure Height:	119 ft	**Base Elevation:**	0.00 ft	**Structure Type:**	Taper
Base Diameter:	53.34 in	**Base Rotation:**	0°	**Taper:**	0.2780 (in/ft)



POLE SECTION PROPERTIES

Section	Length (ft)	Flat Diameter (in) Top	Flat Diameter (in) Bottom	Thick (in)	Joint Type	Joint Length (in)	Pole Shape	Yield Strength (ksi)
1	53.250	38.56	53.34	0.375		0.000	18 Sides	65
2	53.500	26.05	40.90	0.375	Slip Joint	69.000	18 Sides	65
3	22.000	21.55	27.66	0.250	Slip Joint	48.000	18 Sides	65

DISCRETE APPURTENANCE

Elev (ft)	Description
128.9	(2) Generic 22' Omni
123.5	(1) Generic 12' Omni
118.0	(3) Generic Flat Stand-Off
110.0	(3) Ericsson RRUS 32 B66A
110.0	(6) Ericsson RRUS-11 (19.7")
110.0	(6) Ericsson RRUS-12 B2
110.0	(3) Ericsson RRUS-32 (77 lbs)
110.0	(4) Raycap DC6-48-60-18-8F (31.25"
110.0	(12) CCI HPA-65R-BUU-H8
110.0	(1) Generic Square Platform with H
109.0	(1) Generic Mount Reinforcement
100.0	(3) Ericsson RRUS 11 B4
100.0	(3) Ericsson 4480 BAND 71
100.0	(3) Ericsson AIR32 B66Aa/B2a
100.0	(3) RFS APX16DWV-16DWVS-E-A20
100.0	(1) Generic Mount Reinforcement
100.0	(3) RFS APXVAALL24 43-U-NA20
100.0	(1) Generic Round Low Profile Plat
91.0	(2) Kaelus KA-6030
91.0	(3) Samsung RT4401-48A
91.0	(3) Samsung B5/B13 RRH-BR04C
91.0	(3) Samsung B2/B66A RRH-BR049
91.0	(1) Raycap RVZDC-6627-PF-48
91.0	(3) Samsung MT6407-77A
91.0	(3) Commscope NHH-65B-R2B
91.0	(3) Commscope NHHSS-65B-R2BT4
90.0	(1) Generic Round Platform with Ha
89.0	(1) Generic Mount Reinforcement
70.0	(1) Commscope RDIDC-9181-PF-48
70.0	(3) Fujitsu TA08025-B605
70.0	(3) Fujitsu TA08025-B604
70.0	(3) JMA Wireless MX08FRO665-21
70.0	(1) Generic Round Platform with Ha
3.0	(3) Ericsson RRUS E2

LINEAR APPURTENANCE

Elev To (ft)	Description
129.0	(3) 7/8" Coax
111.0	(3) 2" conduit
110.0	(8) 0.76" (19.2mm) 8 AWG 6
110.0	(2) 0.39" (10mm) Fiber Trunk
100.0	(1) 1.99" (50.7mm) Hybrid
100.0	(2) 1.4" (35.6mm) Hybrid
91.0	(1) 1 5/8" Hybriflex
70.0	(1) 1.60" (40.6mm) Hybrid

GLOBAL BASE REACTIONS

Load Case	Moment (kip-ft)	Axial (kip)	Shear (kip)
1.2D + 1.0W	2544.83	45.78	29.07
0.9D + 1.0W	2523.28	34.33	29.06
1.2D + 1.0Di + 1.0Wi	819.60	71.24	9.14
1.2D + 1.0Ev + 1.0Eh	116.91	46.42	1.23
0.9D - 1.0Ev + 1.0Eh	115.70	32.24	1.23
1.0D + 1.0W	606.00	38.17	6.96

ANALYSIS PARAMETERS

Location:	Hartford County,CT	**Height:**	119 ft
Type and Shape:	Taper, 18 Sides	**Base Diameter:**	53.34 in
Manufacturer:	Sabre	**Top Diameter:**	21.55 in
K_d (non-service):	0.95	**Taper:**	0.2780 in/ft
K_e:	0.99	**Rotation:**	0.000º

ICE & WIND PARAMETERS

Risk Category:	II	**Design Wind Speed:**	116 mph
Exposure Category:	C	**Design Wind Speed w/ Ice:**	50 mph
Topo Factor Procedure:	Method 1	**Design Ice Thickness:**	1.50 in
Topographic Category:	1	**Service Wind Speed:**	60 mph
Crest Height:	0 ft	**HMSL:**	288.00 ft

SEISMIC PARAMETERS

Analysis Method:	Equivalent Lateral Force Method				
Site Class:	D - Stiff Soil		**Period Based on Rayleigh Method (sec):**		1.79
T_L (sec):	6	**P:**	1	**$C_{s:}$**	0.032
$S_{s:}$	0.184	**$S_{1:}$**	0.054	**C_s Max:**	0.032
$F_{a:}$	1.600	**$F_{v:}$**	2.400	**C_s Min:**	0.030
$S_{ds:}$	0.196	**$S_{d1:}$**	0.086		

LOAD CASES

1.2D + 1.0W	116 mph Wind with No Ice
0.9D + 1.0W	116 mph Wind with No Ice (Reduced DL)
1.2D + 1.0Di + 1.0Wi	50 mph Wind with 1.5" Radial Ice
1.2D + 1.0Ev + 1.0Eh	Seismic
0.9D - 1.0Ev + 1.0Eh	Seismic (Reduced DL)
1.0D + 1.0W	60 mph Wind with No Ice

SHAFT SECTION PROPERTIES

							Bottom						Top						
Section	Length (ft)	Thick (in)	Fy (ksi)	Joint Type	Joint Len (in)	Weight (lb)	Dia (in)	Elev (ft)	Area (in^2)	Ix (in^4)	W/t Ratio	D/t Ratio	Dia (in)	Elev (ft)	Area (in^2)	Ix (in^4)	W/t Ratio	D/t Ratio	Taper (in/ft)
1-18	53.25	0.3750	65		0.00	9,828	53.34	0.000	63.04	22,343.1	23.32	142.24	38.56	53.25	45.44	8,369.4	16.37	102.81	0.2776
2-18	53.50	0.3750	65	Slip	69.00	7,172	40.90	47.500	48.24	10,009.2	17.47	109.07	26.05	101.00	30.56	2,544.4	10.48	69.46	0.2776
3-18	22.00	0.2500	65	Slip	48.00	1,447	27.66	97.000	21.75	2,064.1	17.74	110.63	21.55	119.00	16.90	968.8	13.44	86.20	0.2776
			Total Shaft Weight			**18,447**													

DISCRETE APPURTENANCE PROPERTIES

					No Ice			Ice		
Attach Elev (ft)	Description	Qty	Ka	Vert Ecc (ft)	Weight (lb)	EPAa (sf)	Orientation Factor	Weight (lb)	EPAa (sf)	Orientation Factor
128.90	Generic 22' Omni	2	1.00	0.000	70.00	6.600	1.00	231.75	14.214	1.00
123.50	Generic 12' Omni	1	1.00	0.000	40.00	3.600	1.00	128.86	7.805	1.00
118.00	Generic Flat Stand-Off	3	1.00	0.000	187.50	6.300	0.67	317.68	9.345	0.67
110.00	Ericsson RRUS-12 B2	6	0.75	0.000	58.00	3.145	0.62	136.55	4.270	0.62
110.00	Raycap DC6-48-60-18-8F (31.25"	4	0.75	0.000	32.80	3.340	0.67	127.36	4.761	0.67
110.00	CCI HPA-65R-BUU-H8	12	0.75	1.600	68.00	12.976	0.67	317.50	16.452	0.67
110.00	Generic Square Platform with H	1	1.00	0.000	3790.00	49.300	1.00	8097.15	132.007	1.00
110.00	Ericsson RRUS-32 (77 lbs)	3	0.75	0.000	77.00	3.314	0.71	171.43	4.560	0.71
110.00	Ericsson RRUS 32 B66A	3	0.75	0.000	50.70	2.720	0.67	121.87	3.850	0.67
110.00	Ericsson RRUS-11 (19.7")	6	0.75	0.000	51.00	2.791	0.67	124.90	3.854	0.67
109.00	Generic Mount Reinforcement	1	1.00	0.000	200.00	7.500	1.00	387.49	14.753	1.00
100.00	Generic Round Low Profile Plat	1	1.00	0.000	1875.00	21.700	1.00	2653.10	40.146	1.00
100.00	RFS APXVAALL24 43-U-NA20	3	0.80	0.000	122.80	20.243	0.63	497.03	23.806	0.63
100.00	Generic Mount Reinforcement	1	1.00	0.000	200.00	7.500	1.00	385.94	14.694	1.00
100.00	RFS APX16DWV-16DWVS-E-A20	3	0.80	-0.500	40.70	6.586	0.60	152.94	8.667	0.60
100.00	Ericsson AIR32 B66Aa/B2a	3	0.80	0.000	132.20	6.510	0.71	285.55	8.615	0.71
100.00	Ericsson RRUS 11 B4	3	0.80	0.000	50.70	2.791	0.67	120.27	3.845	0.67
100.00	Ericsson 4480 BAND 71	3	0.80	0.000	81.00	2.878	0.67	154.14	3.957	0.67
91.00	Commscope NHHSS-65B-R2BT4	3	0.75	0.000	51.00	8.079	0.69	216.59	10.744	0.69
91.00	Samsung MT6407-77A	3	0.75	0.000	81.60	4.709	0.61	178.70	6.156	0.61
91.00	Raycap RVZDC-6627-PF-48	1	0.75	0.000	32.00	3.781	0.69	136.47	5.041	0.69
91.00	Samsung B5/B13 RRH-BR04C	3	0.75	0.000	70.30	1.875	0.50	124.80	2.735	0.50
91.00	Samsung B2/B66A RRH-BR049	3	0.75	0.000	84.40	1.875	0.50	145.18	2.735	0.50
91.00	Samsung RT4401-48A	3	0.75	0.000	18.60	0.996	0.50	44.33	1.648	0.50
91.00	Kaelus KA-6030	2	0.80	0.000	17.60	0.963	0.50	40.06	1.586	0.50
91.00	Commscope NHH-65B-R2B	3	0.75	-1.000	43.70	8.079	0.69	209.80	10.733	0.69
90.00	Generic Round Platform with Ha	1	1.00	0.000	2500.00	27.200	1.00	4041.36	50.462	1.00
89.00	Generic Mount Reinforcement	1	1.00	0.000	200.00	7.500	1.00	383.65	14.605	1.00
70.00	Generic Round Platform with Ha	1	1.00	0.000	2500.00	27.200	1.00	3998.49	49.815	1.00
70.00	JMA Wireless MX08FRO665-21	3	0.75	0.000	64.50	12.489	0.64	302.29	15.089	0.64
70.00	Fujitsu TA08025-B605	3	0.75	0.000	75.00	1.962	0.50	132.96	2.813	0.50
70.00	Fujitsu TA08025-B604	3	0.75	0.000	63.90	1.962	0.50	117.85	2.813	0.50
70.00	Commscope RDIDC-9181-PF-48	1	0.75	0.000	21.90	1.867	1.00	74.55	2.700	1.00
3.00	Ericsson RRUS E2	3	1.00	0.000	52.90	2.475	0.67	92.46	3.127	0.67
Totals	**Row Count: 34**	**96**			**17,180.80**			**36,876.43**		

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	129.00	3	7/8" Coax	1.09	0.33	N	0	0	0	0	0	N	OTHER
0.00	111.00	3	2" conduit	2.38	3.65	N	0	0	0	0	0	N	AT&T MOBILITY
0.00	110.00	8	0.76" (19.2mm) 8 AWG	0.76	0.53	N	0	0	0	0	0	N	AT&T MOBILITY
0.00	110.00	2	0.39" (10mm) Fiber Tr	0.39	0.06	N	0	0	0	0	0	N	AT&T MOBILITY
0.00	100.00	2	1.4" (35.6mm) Hybrid	1.4	1.3	N	0	0	0	0	0	N	T-MOBILE
0.00	100.00	1	1.99" (50.7mm) Hybrid	1.99	1.9	N	0	0	0	0	0	N	T-MOBILE
0.00	91.00	1	1 5/8" Hybriflex	1.98	1.3	N	0	0	0	0	0	N	VERIZON WIRELESS
0.00	70.00	1	1.60" (40.6mm) Hybrid	1.6	2.34	N	0	0	0	0	0	N	DISH WIRELESS L.L.C.

SEGMENT PROPERTIES

Seg Top Elev (ft)	Description *(Max Length: 5 ft)*	Thick (in)	Flat Dia (in)	Area (in^2)	Ix (in^4)	W/t Ratio	D/t Ratio	F'y (ksi)	S (in^3)	Z (in^3)	Weight (lb)
0.00		0.3750	53.340	63.039	22,343.10	23.32	142.24	74	825.0	0.0	0.0
3.00		0.3750	52.507	62.048	21,305.40	22.93	140.02	74.4	799.2	0.0	638.5
5.00		0.3750	51.952	61.387	20,631.80	22.66	138.54	74.7	782.2	0.0	420.0
10.00		0.3750	50.564	59.735	19,010.30	22.01	134.84	75.5	740.5	0.0	1,030.4
15.00		0.3750	49.175	58.082	17,476.00	21.36	131.13	76.3	700.0	0.0	1,002.3
20.00		0.3750	47.787	56.430	16,026.60	20.71	127.43	77	660.6	0.0	974.2
25.00		0.3750	46.399	54.778	14,659.70	20.05	123.73	77.8	622.3	0.0	946.0
30.00		0.3750	45.011	53.126	13,372.70	19.40	120.03	78.6	585.2	0.0	917.9
35.00		0.3750	43.622	51.473	12,163.40	18.75	116.33	79.3	549.2	0.0	889.8
40.00		0.3750	42.234	49.821	11,029.20	18.10	112.62	80.1	514.4	0.0	861.7
45.00		0.3750	40.846	48.169	9,967.90	17.44	108.92	80.9	480.7	0.0	833.6
47.50	Bot - Section 2	0.3750	40.152	47.343	9,463.80	17.12	107.07	81.3	464.2	0.0	406.3
50.00		0.3750	39.458	46.516	8,976.90	16.79	105.22	81.7	448.1	0.0	806.0
53.25	Top - Section 1	0.3750	39.305	46.335	8,872.40	16.72	104.81	81.7	444.6	0.0	1,026.8
55.00		0.3750	38.819	45.757	8,544.30	16.49	103.52	82	433.5	0.0	274.2
60.00		0.3750	37.431	44.105	7,651.70	15.84	99.82	82.6	402.6	0.0	764.4
65.00		0.3750	36.043	42.452	6,823.50	15.18	96.11	82.6	372.9	0.0	736.3
70.00		0.3750	34.655	40.800	6,057.40	14.53	92.41	82.6	344.3	0.0	708.2
75.00		0.3750	33.266	39.148	5,350.90	13.88	88.71	82.6	316.8	0.0	680.1
80.00		0.3750	31.878	37.495	4,701.60	13.23	85.01	82.6	290.5	0.0	652.0
85.00		0.3750	30.490	35.843	4,107.00	12.57	81.31	82.6	265.3	0.0	623.9
89.00		0.3750	29.379	34.521	3,669.20	12.05	78.35	82.6	246.0	0.0	478.9
90.00		0.3750	29.102	34.191	3,564.80	11.92	77.60	82.6	241.3	0.0	116.9
91.00		0.3750	28.824	33.860	3,462.40	11.79	76.86	82.6	236.6	0.0	115.8
95.00		0.3750	27.714	32.539	3,072.60	11.27	73.90	82.6	218.4	0.0	451.9
97.00	Bot - Section 3	0.3750	27.158	31.878	2,889.10	11.01	72.42	82.6	209.5	0.0	219.2
100.00		0.3750	26.325	30.886	2,627.90	10.62	70.20	82.6	196.6	0.0	539.0
101.00	Top - Section 2	0.2500	26.548	20.866	1,823.20	16.96	106.19	81.5	135.3	0.0	175.9
105.00		0.2500	25.437	19.985	1,601.80	16.18	101.75	82.4	124.0	0.0	278.0
109.00		0.2500	24.326	19.104	1,399.10	15.39	97.31	82.6	113.3	0.0	266.0
110.00		0.2500	24.049	18.884	1,351.30	15.20	96.20	82.6	110.7	0.0	64.6
115.00		0.2500	22.661	17.782	1,128.40	14.22	90.64	82.6	98.1	0.0	311.9
118.00		0.2500	21.828	17.121	1,007.20	13.63	87.31	82.6	90.9	0.0	178.2
119.00		0.2500	21.550	16.901	968.80	13.44	86.20	82.6	88.5	0.0	57.9
										Total:	**18,446.8**

CALCULATED FORCES

Load Case: 1.2D + 1.0W — 116 mph Wind with No Ice — 21 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	-45.78	-29.07	0.00	-2,544.8	0.00	2,544.83	4,197.01	1,106.34	5,292.54	4,577.40	0	0	0.568
3.00	-44.70	-28.74	0.00	-2,457.6	0.00	2,457.61	4,156.73	1,088.94	5,127.40	4,461.67	0.03	-0.1	0.562
5.00	-44.08	-28.49	0.00	-2,400.1	0.00	2,400.14	4,129.42	1,077.34	5,018.76	4,384.81	0.09	-0.16	0.559
10.00	-42.62	-28.13	0.00	-2,257.7	0.00	2,257.71	4,059.55	1,048.34	4,752.26	4,193.75	0.34	-0.32	0.550
15.00	-41.19	-27.77	0.00	-2,117.1	0.00	2,117.07	3,987.39	1,019.35	4,493.02	4,004.43	0.77	-0.48	0.540
20.00	-39.80	-27.40	0.00	-1,978.2	0.00	1,978.22	3,912.95	990.35	4,241.06	3,817.03	1.36	-0.65	0.529
25.00	-38.45	-27.02	0.00	-1,841.2	0.00	1,841.21	3,836.23	961.35	3,996.37	3,631.76	2.14	-0.82	0.518
30.00	-37.13	-26.62	0.00	-1,706.1	0.00	1,706.13	3,757.23	932.35	3,758.94	3,448.80	3.09	-0.99	0.505
35.00	-35.84	-26.22	0.00	-1,573.0	0.00	1,573.01	3,675.94	903.36	3,528.79	3,268.37	4.22	-1.17	0.492
40.00	-34.59	-25.82	0.00	-1,441.9	0.00	1,441.89	3,592.36	874.36	3,305.91	3,090.65	5.54	-1.34	0.477
45.00	-33.39	-25.51	0.00	-1,312.8	0.00	1,312.79	3,506.51	845.36	3,090.30	2,915.85	7.05	-1.52	0.461
47.50	-32.80	-25.30	0.00	-1,249.0	0.00	1,249.02	3,462.72	830.86	2,985.22	2,829.60	7.87	-1.61	0.452
50.00	-31.72	-25.06	0.00	-1,185.8	0.00	1,185.76	3,418.37	816.36	2,881.95	2,744.16	8.74	-1.7	0.442
53.25	-30.36	-24.82	0.00	-1,104.3	0.00	1,104.33	3,408.56	813.18	2,859.53	2,725.51	9.94	-1.82	0.415
55.00	-29.94	-24.55	0.00	-1,060.9	0.00	1,060.89	3,377.08	803.03	2,788.61	2,666.32	10.62	-1.89	0.408
60.00	-28.83	-24.13	0.00	-938.1	0.00	938.14	3,276.75	774.03	2,590.88	2,492.78	12.69	-2.05	0.386

CALCULATED FORCES

65.00	-27.75	-23.71	0.00	-817.5	0.00	817.49	3,153.99	745.04	2,400.42	2,308.60	14.92	-2.22	0.364
70.00	-23.04	-21.00	0.00	-698.9	0.00	698.93	3,031.23	716.04	2,217.23	2,131.50	17.33	-2.37	0.336
75.00	-22.06	-20.59	0.00	-593.9	0.00	593.91	2,908.48	687.04	2,041.31	1,961.46	19.9	-2.53	0.311
80.00	-21.12	-20.17	0.00	-491.0	0.00	490.99	2,785.72	658.04	1,872.66	1,798.48	22.63	-2.67	0.282
85.00	-20.21	-19.80	0.00	-390.1	0.00	390.13	2,662.96	629.05	1,711.29	1,642.58	25.49	-2.8	0.246
89.00	-19.30	-19.24	0.00	-310.9	0.00	310.92	2,564.76	605.85	1,587.42	1,522.95	27.89	-2.9	0.213
90.00	-16.20	-17.81	0.00	-291.7	0.00	291.68	2,540.21	600.05	1,557.18	1,493.74	28.5	-2.92	0.203
91.00	-14.78	-15.81	0.00	-273.9	0.00	273.87	2,515.65	594.25	1,527.23	1,464.83	29.11	-2.95	0.194
95.00	-14.14	-15.56	0.00	-210.6	0.00	210.64	2,417.45	571.05	1,410.34	1,351.98	31.62	-3.03	0.162
97.00	-13.82	-15.36	0.00	-179.5	0.00	179.53	2,368.35	559.45	1,353.64	1,297.25	32.89	-3.06	0.145
100.00	-9.30	-10.93	0.00	-133.4	0.00	133.45	2,294.69	542.05	1,270.77	1,217.28	34.83	-3.11	0.114
101.00	-9.07	-10.74	0.00	-122.5	0.00	122.51	1,529.64	366.21	869.88	826.32	35.48	-3.12	0.155
105.00	-8.67	-10.44	0.00	-79.6	0.00	79.55	1,481.61	350.74	797.97	766.26	38.12	-3.17	0.111
109.00	-8.06	-9.89	0.00	-37.8	0.00	37.80	1,419.33	335.28	729.16	701.36	40.79	-3.21	0.060
110.00	-1.47	-1.90	0.00	-22.1	0.00	22.13	1,402.96	331.41	712.44	685.20	41.47	-3.22	0.033
115.00	-1.09	-1.61	0.00	-12.7	0.00	12.66	1,321.13	312.08	631.76	607.20	44.84	-3.23	0.022
118.00	-0.24	-0.84	0.00	-7.8	0.00	7.82	1,272.02	300.48	585.68	562.66	46.88	-3.24	0.014
119.00	0.00	-0.83	0.00	-7.0	0.00	6.98	1,255.66	296.61	570.71	548.20	47.56	-3.24	0.013

CALCULATED FORCES

Load Case: 0.9D + 1.0W — 116 mph Wind with No Ice (Reduced DL) — 21 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	-34.33	-29.06	0.00	-2,523.3	0.00	2,523.28	4,197.01	1,106.34	5,292.54	4,577.40	0	0	0.560
3.00	-33.51	-28.71	0.00	-2,436.1	0.00	2,436.09	4,156.73	1,088.94	5,127.40	4,461.67	0.03	-0.09	0.555
5.00	-33.03	-28.44	0.00	-2,378.7	0.00	2,378.67	4,129.42	1,077.34	5,018.76	4,384.81	0.09	-0.16	0.551
10.00	-31.92	-28.05	0.00	-2,236.5	0.00	2,236.48	4,059.55	1,048.34	4,752.26	4,193.75	0.34	-0.32	0.542
15.00	-30.83	-27.66	0.00	-2,096.2	0.00	2,096.23	3,987.39	1,019.35	4,493.02	4,004.43	0.76	-0.48	0.532
20.00	-29.77	-27.27	0.00	-1,957.9	0.00	1,957.91	3,912.95	990.35	4,241.06	3,817.03	1.35	-0.65	0.521
25.00	-28.73	-26.86	0.00	-1,821.6	0.00	1,821.57	3,836.23	961.35	3,996.37	3,631.76	2.12	-0.81	0.510
30.00	-27.73	-26.44	0.00	-1,687.3	0.00	1,687.28	3,757.23	932.35	3,758.94	3,448.80	3.06	-0.98	0.497
35.00	-26.75	-26.02	0.00	-1,555.1	0.00	1,555.08	3,675.94	903.36	3,528.79	3,268.37	4.18	-1.16	0.484
40.00	-25.79	-25.59	0.00	-1,425.0	0.00	1,424.98	3,592.36	874.36	3,305.91	3,090.65	5.49	-1.33	0.469
45.00	-24.88	-25.27	0.00	-1,297.0	0.00	1,297.02	3,506.51	845.36	3,090.30	2,915.85	6.98	-1.51	0.453
47.50	-24.43	-25.05	0.00	-1,233.8	0.00	1,233.85	3,462.72	830.86	2,985.22	2,829.60	7.79	-1.6	0.444
50.00	-23.61	-24.80	0.00	-1,171.2	0.00	1,171.21	3,418.37	816.36	2,881.95	2,744.16	8.65	-1.69	0.435
53.25	-22.59	-24.56	0.00	-1,090.6	0.00	1,090.62	3,408.56	813.18	2,859.53	2,725.51	9.84	-1.8	0.408
55.00	-22.26	-24.28	0.00	-1,047.6	0.00	1,047.64	3,377.08	803.03	2,788.61	2,666.32	10.51	-1.87	0.400
60.00	-21.41	-23.84	0.00	-926.2	0.00	926.25	3,276.75	774.03	2,590.88	2,492.78	12.56	-2.03	0.379
65.00	-20.59	-23.41	0.00	-807.0	0.00	807.03	3,153.99	745.04	2,400.42	2,308.60	14.77	-2.19	0.357
70.00	-17.08	-20.74	0.00	-690.0	0.00	689.96	3,031.23	716.04	2,217.23	2,131.50	17.15	-2.35	0.330
75.00	-16.33	-20.32	0.00	-586.3	0.00	586.26	2,908.48	687.04	2,041.31	1,961.46	19.69	-2.5	0.305
80.00	-15.62	-19.90	0.00	-484.7	0.00	484.68	2,785.72	658.04	1,872.66	1,798.48	22.38	-2.64	0.276
85.00	-14.94	-19.53	0.00	-385.2	0.00	385.18	2,662.96	629.05	1,711.29	1,642.58	25.22	-2.77	0.241
89.00	-14.26	-18.98	0.00	-307.1	0.00	307.06	2,564.76	605.85	1,587.42	1,522.95	27.59	-2.87	0.208
90.00	-11.94	-17.59	0.00	-288.1	0.00	288.09	2,540.21	600.05	1,557.18	1,493.74	28.19	-2.89	0.198
91.00	-10.90	-15.60	0.00	-270.5	0.00	270.50	2,515.65	594.25	1,527.23	1,464.83	28.8	-2.91	0.190
95.00	-10.41	-15.35	0.00	-208.1	0.00	208.11	2,417.45	571.05	1,410.34	1,351.98	31.27	-2.99	0.159
97.00	-10.18	-15.16	0.00	-177.4	0.00	177.41	2,368.35	559.45	1,353.64	1,297.25	32.53	-3.03	0.142
100.00	-6.84	-10.79	0.00	-131.9	0.00	131.94	2,294.69	542.05	1,270.77	1,217.28	34.45	-3.07	0.112
101.00	-6.67	-10.60	0.00	-121.1	0.00	121.14	1,529.64	366.21	869.88	826.32	35.1	-3.09	0.152
105.00	-6.37	-10.31	0.00	-78.7	0.00	78.73	1,481.61	350.74	797.97	766.26	37.7	-3.13	0.108
109.00	-5.92	-9.76	0.00	-37.5	0.00	37.50	1,419.33	335.28	729.16	701.36	40.34	-3.17	0.058
110.00	-1.08	-1.87	0.00	-22.0	0.00	21.96	1,402.96	331.41	712.44	685.20	41.01	-3.18	0.033
115.00	-0.80	-1.59	0.00	-12.6	0.00	12.60	1,321.13	312.08	631.76	607.20	44.35	-3.2	0.021
118.00	-0.17	-0.84	0.00	-7.8	0.00	7.82	1,272.02	300.48	585.68	562.66	46.36	-3.21	0.014
119.00	0.00	-0.83	0.00	-7.0	0.00	6.98	1,255.66	296.61	570.71	548.20	47.03	-3.21	0.013

CALCULATED FORCES

Load Case: 1.2D + 1.0Di + 1.0Wi — 50 mph Wind with 1.5" Radial Ice — 20 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	-71.24	-9.14	0.00	-819.6	0.00	819.60	4,197.01	1,106.34	5,292.54	4,577.40	0	0	0.196
3.00	-69.88	-9.06	0.00	-792.2	0.00	792.18	4,156.73	1,088.94	5,127.40	4,461.67	0.01	-0.03	0.194
5.00	-69.15	-8.99	0.00	-774.1	0.00	774.07	4,129.42	1,077.34	5,018.76	4,384.81	0.03	-0.05	0.193
10.00	-67.33	-8.90	0.00	-729.1	0.00	729.12	4,059.55	1,048.34	4,752.26	4,193.75	0.11	-0.1	0.191
15.00	-65.55	-8.81	0.00	-684.6	0.00	684.63	3,987.39	1,019.35	4,493.02	4,004.43	0.25	-0.16	0.187
20.00	-63.79	-8.71	0.00	-640.6	0.00	640.60	3,912.95	990.35	4,241.06	3,817.03	0.44	-0.21	0.184
25.00	-62.07	-8.60	0.00	-597.1	0.00	597.07	3,836.23	961.35	3,996.37	3,631.76	0.69	-0.27	0.181
30.00	-60.38	-8.50	0.00	-554.0	0.00	554.05	3,757.23	932.35	3,758.94	3,448.80	1	-0.32	0.177
35.00	-58.74	-8.39	0.00	-511.6	0.00	511.57	3,675.94	903.36	3,528.79	3,268.37	1.36	-0.38	0.173
40.00	-57.13	-8.27	0.00	-469.6	0.00	469.65	3,592.36	874.36	3,305.91	3,090.65	1.79	-0.44	0.168
45.00	-55.57	-8.18	0.00	-428.3	0.00	428.28	3,506.51	845.36	3,090.30	2,915.85	2.28	-0.49	0.163
47.50	-54.81	-8.13	0.00	-407.8	0.00	407.82	3,462.72	830.86	2,985.22	2,829.60	2.55	-0.52	0.160
50.00	-53.56	-8.06	0.00	-387.5	0.00	387.50	3,418.37	816.36	2,881.95	2,744.16	2.83	-0.55	0.157
53.25	-51.97	-7.99	0.00	-361.3	0.00	361.32	3,408.56	813.18	2,859.53	2,725.51	3.22	-0.59	0.148
55.00	-51.44	-7.91	0.00	-347.3	0.00	347.34	3,377.08	803.03	2,788.61	2,666.32	3.44	-0.61	0.146
60.00	-49.98	-7.79	0.00	-307.8	0.00	307.79	3,276.75	774.03	2,590.88	2,492.78	4.11	-0.67	0.139
65.00	-48.57	-7.66	0.00	-268.8	0.00	268.85	3,153.99	745.04	2,400.42	2,308.60	4.84	-0.72	0.132
70.00	-41.26	-6.83	0.00	-230.5	0.00	230.54	3,031.23	716.04	2,217.23	2,131.50	5.62	-0.77	0.122
75.00	-39.95	-6.70	0.00	-196.4	0.00	196.37	2,908.48	687.04	2,041.31	1,961.46	6.46	-0.82	0.114
80.00	-38.69	-6.57	0.00	-162.8	0.00	162.85	2,785.72	658.04	1,872.66	1,798.48	7.34	-0.87	0.105
85.00	-37.48	-6.46	0.00	-130.0	0.00	129.97	2,662.96	629.05	1,711.29	1,642.58	8.28	-0.91	0.093
89.00	-36.14	-6.26	0.00	-104.2	0.00	104.15	2,564.76	605.85	1,587.42	1,522.95	9.06	-0.95	0.083
90.00	-31.61	-5.75	0.00	-97.9	0.00	97.89	2,540.21	600.05	1,557.18	1,493.74	9.26	-0.96	0.078
91.00	-28.47	-5.20	0.00	-92.2	0.00	92.15	2,515.65	594.25	1,527.23	1,464.83	9.46	-0.96	0.074
95.00	-27.59	-5.11	0.00	-71.4	0.00	71.36	2,417.45	571.05	1,410.34	1,351.98	10.28	-0.99	0.064
97.00	-27.15	-5.05	0.00	-61.1	0.00	61.14	2,368.35	559.45	1,353.64	1,297.25	10.7	-1	0.059
100.00	-19.43	-3.77	0.00	-46.0	0.00	46.00	2,294.69	542.05	1,270.77	1,217.28	11.33	-1.02	0.046
101.00	-19.14	-3.70	0.00	-42.2	0.00	42.23	1,529.64	366.21	869.88	826.32	11.55	-1.02	0.064
105.00	-18.50	-3.60	0.00	-27.4	0.00	27.42	1,481.61	350.74	797.97	766.26	12.41	-1.04	0.048
109.00	-17.48	-3.40	0.00	-13.0	0.00	13.02	1,419.33	335.28	729.16	701.36	13.29	-1.05	0.031
110.00	-2.70	-0.68	0.00	-8.3	0.00	8.27	1,402.96	331.41	712.44	685.20	13.51	-1.05	0.014
115.00	-2.05	-0.58	0.00	-4.9	0.00	4.87	1,321.13	312.08	631.76	607.20	14.62	-1.06	0.010
118.00	-0.68	-0.34	0.00	-3.1	0.00	3.14	1,272.02	300.48	585.68	562.66	15.29	-1.06	0.006
119.00	0.00	-0.33	0.00	-2.8	0.00	2.79	1,255.66	296.61	570.71	548.20	15.51	-1.07	0.005

CALCULATED FORCES

Load Case: 1.0D + 1.0W — 60 mph Wind with No Ice — 20 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	-38.17	-6.96	0.00	-606.0	0.00	606.00	4,197.01	1,106.34	5,292.54	4,577.40	0	0	0.142
3.00	-37.30	-6.87	0.00	-585.1	0.00	585.13	4,156.73	1,088.94	5,127.40	4,461.67	0.01	-0.02	0.140
5.00	-36.83	-6.81	0.00	-571.4	0.00	571.38	4,129.42	1,077.34	5,018.76	4,384.81	0.02	-0.04	0.139
10.00	-35.67	-6.72	0.00	-537.3	0.00	537.32	4,059.55	1,048.34	4,752.26	4,193.75	0.08	-0.08	0.137
15.00	-34.54	-6.63	0.00	-503.7	0.00	503.72	3,987.39	1,019.35	4,493.02	4,004.43	0.18	-0.12	0.134
20.00	-33.44	-6.54	0.00	-470.6	0.00	470.57	3,912.95	990.35	4,241.06	3,817.03	0.32	-0.16	0.132
25.00	-32.37	-6.44	0.00	-437.9	0.00	437.88	3,836.23	961.35	3,996.37	3,631.76	0.51	-0.2	0.129
30.00	-31.32	-6.34	0.00	-405.7	0.00	405.66	3,757.23	932.35	3,758.94	3,448.80	0.74	-0.24	0.126
35.00	-30.31	-6.25	0.00	-373.9	0.00	373.94	3,675.94	903.36	3,528.79	3,268.37	1.01	-0.28	0.123
40.00	-29.32	-6.15	0.00	-342.7	0.00	342.71	3,592.36	874.36	3,305.91	3,090.65	1.32	-0.32	0.119
45.00	-28.36	-6.07	0.00	-312.0	0.00	311.98	3,506.51	845.36	3,090.30	2,915.85	1.68	-0.36	0.115
47.50	-27.89	-6.02	0.00	-296.8	0.00	296.81	3,462.72	830.86	2,985.22	2,829.60	1.87	-0.38	0.113
50.00	-27.02	-5.96	0.00	-281.8	0.00	281.76	3,418.37	816.36	2,881.95	2,744.16	2.08	-0.41	0.111
53.25	-25.91	-5.90	0.00	-262.4	0.00	262.39	3,408.56	813.18	2,859.53	2,725.51	2.36	-0.43	0.104
55.00	-25.60	-5.84	0.00	-252.1	0.00	252.06	3,377.08	803.03	2,788.61	2,666.32	2.53	-0.45	0.102
60.00	-24.71	-5.73	0.00	-222.9	0.00	222.88	3,276.75	774.03	2,590.88	2,492.78	3.02	-0.49	0.097
65.00	-23.84	-5.63	0.00	-194.2	0.00	194.21	3,153.99	745.04	2,400.42	2,308.60	3.55	-0.53	0.092
70.00	-19.88	-4.99	0.00	-166.0	0.00	166.05	3,031.23	716.04	2,217.23	2,131.50	4.12	-0.56	0.085
75.00	-19.09	-4.89	0.00	-141.1	0.00	141.10	2,908.48	687.04	2,041.31	1,961.46	4.73	-0.6	0.079
80.00	-18.33	-4.79	0.00	-116.7	0.00	116.66	2,785.72	658.04	1,872.66	1,798.48	5.38	-0.63	0.071
85.00	-17.59	-4.70	0.00	-92.7	0.00	92.71	2,662.96	629.05	1,711.29	1,642.58	6.06	-0.67	0.063
89.00	-16.83	-4.57	0.00	-73.9	0.00	73.90	2,564.76	605.85	1,587.42	1,522.95	6.63	-0.69	0.055
90.00	-14.19	-4.23	0.00	-69.3	0.00	69.33	2,540.21	600.05	1,557.18	1,493.74	6.78	-0.7	0.052
91.00	-12.94	-3.75	0.00	-65.1	0.00	65.10	2,515.65	594.25	1,527.23	1,464.83	6.92	-0.7	0.050
95.00	-12.41	-3.70	0.00	-50.1	0.00	50.08	2,417.45	571.05	1,410.34	1,351.98	7.52	-0.72	0.042
97.00	-12.15	-3.65	0.00	-42.7	0.00	42.69	2,368.35	559.45	1,353.64	1,297.25	7.82	-0.73	0.038
100.00	-8.20	-2.60	0.00	-31.7	0.00	31.74	2,294.69	542.05	1,270.77	1,217.28	8.28	-0.74	0.030
101.00	-8.01	-2.55	0.00	-29.1	0.00	29.14	1,529.64	366.21	869.88	826.32	8.44	-0.74	0.041
105.00	-7.66	-2.48	0.00	-18.9	0.00	18.93	1,481.61	350.74	797.97	766.26	9.07	-0.75	0.030
109.00	-7.13	-2.35	0.00	-9.0	0.00	9.01	1,419.33	335.28	729.16	701.36	9.7	-0.76	0.018
110.00	-1.30	-0.45	0.00	-5.3	0.00	5.28	1,402.96	331.41	712.44	685.20	9.86	-0.76	0.009
115.00	-0.98	-0.38	0.00	-3.0	0.00	3.02	1,321.13	312.08	631.76	607.20	10.67	-0.77	0.006
118.00	-0.24	-0.20	0.00	-1.9	0.00	1.87	1,272.02	300.48	585.68	562.66	11.15	-0.77	0.004
119.00	0.00	-0.20	0.00	-1.7	0.00	1.67	1,255.66	296.61	570.71	548.20	11.31	-0.77	0.003

EQUIVALENT LATERAL FORCES METHOD ANALYSIS

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

Spectral Response Acceleration for Short Period (S_S):	0.184
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}):	0.196
Design Spectral Response Acceleration at 1.0 Second Period (S_{d1}):	0.086
Seismic Response Coefficient (C_s):	0.032
Upper Limit C_S:	0.032
Lower Limit C_S:	0.030
Period based on Rayleigh Method (sec):	1.790
Redundancy Factor (p):	1.000
Seismic Force Distribution Exponent (k):	1.640
Total Unfactored Dead Load:	38.170 k
Seismic Base Shear (E):	1.230 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	59	151	0.003	4	73
32	116.5	181	452	0.010	12	224
31	112.5	328	773	0.016	20	406
30	109.5	81	182	0.004	5	100
29	107	331	719	0.015	19	410
28	103	343	700	0.015	18	425
27	100.5	192	376	0.008	10	238
26	98.5	601	1,139	0.024	29	745
25	96	261	474	0.010	12	323
24	93	535	922	0.019	24	663
23	90.5	138	227	0.005	6	171
22	89.5	139	225	0.005	6	172
21	87	567	876	0.018	23	703
20	82.5	734	1,039	0.022	27	910
19	77.5	762	974	0.020	25	945
18	72.5	791	905	0.019	23	980
17	67.5	830	845	0.018	22	1,029
16	62.5	859	770	0.016	20	1,064
15	57.5	887	693	0.015	18	1,099
14	54.125	317	224	0.005	6	393
13	51.625	1,106	724	0.015	19	1,371
12	48.75	867	517	0.011	13	1,075
11	46.25	467	255	0.005	7	579
10	42.5	956	455	0.010	12	1,184
9	37.5	984	381	0.008	10	1,219
8	32.5	1,012	310	0.006	8	1,254
7	27.5	1,040	242	0.005	6	1,289
6	22.5	1,068	179	0.004	5	1,324
5	17.5	1,096	121	0.002	3	1,359
4	12.5	1,124	72	0.002	2	1,393
3	7.5	1,153	32	0.001	1	1,428
2	4	469	5	0.000	0	581
1	1.5	712	1	0.000	0	882
Generic 22' Omni	119	140	362	0.008	9	173
Generic 12' Omni	119	40	103	0.002	3	50
Generic Flat Stand-Off	118	562	1,434	0.030	37	697
Ericsson RRUS 32 B66A	110	152	345	0.007	9	188
Ericsson RRUS-11 (19.7")	110	306	695	0.015	18	379

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-12 B2	110	348	790	0.017	20	431
Ericsson RRUS-32 (77 lbs)	110	231	525	0.011	14	286
Raycap DC6-48-60-18-8F (31.25" Height)	110	131	298	0.006	8	163
CCI HPA-65R-BUU-H8	110	816	1,853	0.039	48	1,011
Generic Square Platform with Handrails	110	3,790	8,608	0.181	222	4,697
Generic Mount Reinforcement	109	200	447	0.009	12	248
Generic Mount Reinforcement	100	200	388	0.008	10	248
Generic Mount Reinforcement	89	200	321	0.007	8	248
Ericsson RRUS 11 B4	100	152	295	0.006	8	188
Ericsson 4480 BAND 71	100	243	472	0.010	12	301
Ericsson AIR32 B66Aa/B2a	100	397	770	0.016	20	491
RFS APX16DWV-16DWVS-E-A20	100	122	237	0.005	6	151
RFS APXVAALL24 43-U-NA20	100	368	715	0.015	18	457
Generic Round Low Profile Platform	100	1,875	3,641	0.076	94	2,324
Kaelus KA-6030	91	35	59	0.001	2	44
Samsung RT4401-48A	91	56	93	0.002	2	69
Samsung B2/B66A RRH-BR049	91	253	421	0.009	11	314
Samsung B5/B13 RRH-BR04C	91	211	351	0.007	9	261
Raycap RVZDC-6627-PF-48	91	32	53	0.001	1	40
Samsung MT6407-77A	91	245	407	0.009	11	303
Commscope NHHSS-65B-R2BT4	91	153	254	0.005	7	190
Commscope NHH-65B-R2B	91	131	218	0.005	6	162
Generic Round Platform with Handrails	90	2,500	4,082	0.086	105	3,098
Generic Round Platform with Handrails	70	2,500	2,701	0.057	70	3,098
Commscope RDIDC-9181-PF-48	70	22	24	0.000	1	27
Fujitsu TA08025-B604	70	192	207	0.004	5	238
Fujitsu TA08025-B605	70	225	243	0.005	6	279
JMA Wireless MX08FRO665-21	70	194	209	0.004	5	240
Ericsson RRUS E2	3	159	1	0.000	0	197
	Totals:	**38,173**	**47,581**	**1.000**	**1,230**	**47,306**

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	59	151	0.003	4	51
32	116.5	181	452	0.010	12	156
31	112.5	328	773	0.016	20	282
30	109.5	81	182	0.004	5	70
29	107	331	719	0.015	19	285
28	103	343	700	0.015	18	295
27	100.5	192	376	0.008	10	165
26	98.5	601	1,139	0.024	29	518
25	96	261	474	0.010	12	224
24	93	535	922	0.019	24	461
23	90.5	138	227	0.005	6	119
22	89.5	139	225	0.005	6	120
21	87	567	876	0.018	23	488
20	82.5	734	1,039	0.022	27	632
19	77.5	762	974	0.020	25	656
18	72.5	791	905	0.019	23	681
17	67.5	830	845	0.018	22	715
16	62.5	859	770	0.016	20	739
15	57.5	887	693	0.015	18	763
14	54.125	317	224	0.005	6	273
13	51.625	1,106	724	0.015	19	952
12	48.75	867	517	0.011	13	746
11	46.25	467	255	0.005	7	402
10	42.5	956	455	0.010	12	823
9	37.5	984	381	0.008	10	847
8	32.5	1,012	310	0.006	8	871

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)
7	27.5	1,040	242	0.005	6	895
6	22.5	1,068	179	0.004	5	919
5	17.5	1,096	121	0.002	3	944
4	12.5	1,124	72	0.002	2	968
3	7.5	1,153	32	0.001	1	992
2	4	469	5	0.000	0	404
1	1.5	712	1	0.000	0	613
Generic 22' Omni	119	140	362	0.008	9	121
Generic 12' Omni	119	40	103	0.002	3	34
Generic Flat Stand-Off	118	562	1,434	0.030	37	484
Ericsson RRUS 32 B66A	110	152	345	0.007	9	131
Ericsson RRUS-11 (19.7")	110	306	695	0.015	18	263
Ericsson RRUS-12 B2	110	348	790	0.017	20	300
Ericsson RRUS-32 (77 lbs)	110	231	525	0.011	14	199
Raycap DC6-48-60-18-8F (31.25" Height)	110	131	298	0.006	8	113
CCI HPA-65R-BUU-H8	110	816	1,853	0.039	48	702
Generic Square Platform with Handrails	110	3,790	8,608	0.181	222	3,262
Generic Mount Reinforcement	109	200	447	0.009	12	172
Generic Mount Reinforcement	100	200	388	0.008	10	172
Generic Mount Reinforcement	89	200	321	0.007	8	172
Ericsson RRUS 11 B4	100	152	295	0.006	8	131
Ericsson 4480 BAND 71	100	243	472	0.010	12	209
Ericsson AIR32 B66Aa/B2a	100	397	770	0.016	20	341
RFS APX16DWV-16DWVS-E-A20	100	122	237	0.005	6	105
RFS APXVAALL24 43-U-NA20	100	368	715	0.015	18	317
Generic Round Low Profile Platform	100	1,875	3,641	0.076	94	1,614
Kaelus KA-6030	91	35	59	0.001	2	30
Samsung RT4401-48A	91	56	93	0.002	2	48
Samsung B2/B66A RRH-BR049	91	253	421	0.009	11	218
Samsung B5/B13 RRH-BR04C	91	211	351	0.007	9	182
Raycap RVZDC-6627-PF-48	91	32	53	0.001	1	28
Samsung MT6407-77A	91	245	407	0.009	11	211
Commscope NHHSS-65B-R2BT4	91	153	254	0.005	7	132
Commscope NHH-65B-R2B	91	131	218	0.005	6	113
Generic Round Platform with Handrails	90	2,500	4,082	0.086	105	2,152
Generic Round Platform with Handrails	70	2,500	2,701	0.057	70	2,152
Commscope RDIDC-9181-PF-48	70	22	24	0.000	1	19
Fujitsu TA08025-B604	70	192	207	0.004	5	165
Fujitsu TA08025-B605	70	225	243	0.005	6	194
JMA Wireless MX08FRO665-21	70	194	209	0.004	5	167
Ericsson RRUS E2	3	159	1	0.000	0	137
	Totals:	**38,173**	**47,581**	**1.000**	**1,230**	**32,857**

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	-46.42	-1.23	0.00	-116.91	0.00	116.91	4,197.01	1,106.34	5,293	4,577.40	0.00	0.00	0.04
3.00	-45.65	-1.23	0.00	-113.22	0.00	113.22	4,156.73	1,088.94	5,127	4,461.67	0.00	0.00	0.04
5.00	-44.22	-1.24	0.00	-110.75	0.00	110.75	4,129.42	1,077.34	5,019	4,384.81	0.00	-0.01	0.04
10.00	-42.82	-1.24	0.00	-104.57	0.00	104.57	4,059.55	1,048.34	4,752	4,193.75	0.02	-0.01	0.04
15.00	-41.46	-1.24	0.00	-98.37	0.00	98.37	3,987.39	1,019.35	4,493	4,004.43	0.04	-0.02	0.04
20.00	-40.14	-1.24	0.00	-92.16	0.00	92.16	3,912.95	990.35	4,241	3,817.03	0.06	-0.03	0.03
25.00	-38.85	-1.24	0.00	-85.95	0.00	85.95	3,836.23	961.35	3,996	3,631.76	0.10	-0.04	0.03
30.00	-37.60	-1.24	0.00	-79.75	0.00	79.75	3,757.23	932.35	3,759	3,448.80	0.14	-0.05	0.03
35.00	-36.38	-1.23	0.00	-73.57	0.00	73.57	3,675.94	903.36	3,529	3,268.37	0.20	-0.05	0.03
40.00	-35.19	-1.22	0.00	-67.41	0.00	67.41	3,592.36	874.36	3,306	3,090.65	0.26	-0.06	0.03
45.00	-34.61	-1.22	0.00	-61.30	0.00	61.30	3,506.51	845.36	3,090	2,915.85	0.33	-0.07	0.03
47.50	-33.54	-1.21	0.00	-58.25	0.00	58.25	3,462.72	830.86	2,985	2,829.60	0.37	-0.08	0.03

CALCULATED FORCES

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (ft-kips)	Mu MZ (fr-kips)	Mu Mx (ft-kips)	Resultant Moment (ft-kips)	Phi Pn (kips)	Phi Vn (kips)	Phi Tn (kips)	Phi Mn (kips)	Total Deflect (in)	Rotation (deg)	Ratio
50.00	-32.17	-1.19	0.00	-55.23	0.00	55.23	3,418.37	816.36	2,882	2,744.16	0.41	-0.08	0.03
53.25	-31.78	-1.19	0.00	-51.36	0.00	51.36	3,408.56	813.18	2,860	2,725.51	0.46	-0.08	0.03
55.00	-30.68	-1.17	0.00	-49.29	0.00	49.29	3,377.08	803.03	2,789	2,666.32	0.49	-0.09	0.03
60.00	-29.61	-1.15	0.00	-43.44	0.00	43.44	3,276.75	774.03	2,591	2,492.78	0.59	-0.10	0.03
65.00	-28.58	-1.13	0.00	-37.69	0.00	37.69	3,153.99	745.04	2,400	2,308.60	0.69	-0.10	0.03
70.00	-23.72	-1.01	0.00	-32.03	0.00	32.03	3,031.23	716.04	2,217	2,131.50	0.81	-0.11	0.02
75.00	-22.78	-0.99	0.00	-26.95	0.00	26.95	2,908.48	687.04	2,041	1,961.46	0.93	-0.12	0.02
80.00	-21.87	-0.96	0.00	-22.00	0.00	22.00	2,785.72	658.04	1,873	1,798.48	1.05	-0.12	0.02
85.00	-21.16	-0.94	0.00	-17.18	0.00	17.18	2,662.96	629.05	1,711	1,642.58	1.18	-0.13	0.02
89.00	-20.74	-0.93	0.00	-13.42	0.00	13.42	2,564.76	605.85	1,587	1,522.95	1.29	-0.13	0.02
90.00	-17.47	-0.81	0.00	-12.49	0.00	12.49	2,540.21	600.05	1,557	1,493.74	1.32	-0.13	0.02
91.00	-15.43	-0.73	0.00	-11.68	0.00	11.68	2,515.65	594.25	1,527	1,464.83	1.35	-0.14	0.01
95.00	-15.11	-0.72	0.00	-8.75	0.00	8.75	2,417.45	571.05	1,410	1,351.98	1.47	-0.14	0.01
97.00	-14.36	-0.69	0.00	-7.31	0.00	7.31	2,368.35	559.45	1,354	1,297.25	1.53	-0.14	0.01
100.00	-9.96	-0.50	0.00	-5.24	0.00	5.24	2,294.69	542.05	1,271	1,217.28	1.61	-0.14	0.01
101.00	-9.54	-0.48	0.00	-4.74	0.00	4.74	1,529.64	366.21	870	826.32	1.64	-0.14	0.01
105.00	-9.13	-0.46	0.00	-2.81	0.00	2.81	1,481.61	350.74	798	766.26	1.77	-0.14	0.01
109.00	-8.78	-0.45	0.00	-0.96	0.00	0.96	1,419.33	335.28	729	701.36	1.89	-0.15	0.01
110.00	-1.22	-0.07	0.00	-0.52	0.00	0.52	1,402.96	331.41	712	685.20	1.92	-0.15	0.00
115.00	-0.99	-0.06	0.00	-0.18	0.00	0.18	1,321.13	312.08	632	607.20	2.07	-0.15	0.00
118.00	-0.22	-0.01	0.00	-0.01	0.00	0.01	1,272.02	300.48	586	562.66	2.16	-0.15	0.00
119.00	0.00	-0.01	0.00	0.00	0.00	0.00	1,255.66	296.61	571	548.20	2.19	-0.15	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	-32.24	-1.23	0.00	-115.70	0.00	115.70	4,197.01	1,106.34	5,293	4,577.40	0.00	0.00	0.03
3.00	-31.70	-1.23	0.00	-112.01	0.00	112.01	4,156.73	1,088.94	5,127	4,461.67	0.00	0.00	0.03
5.00	-30.71	-1.23	0.00	-109.55	0.00	109.55	4,129.42	1,077.34	5,019	4,384.81	0.00	-0.01	0.03
10.00	-29.74	-1.24	0.00	-103.38	0.00	103.38	4,059.55	1,048.34	4,752	4,193.75	0.02	-0.01	0.03
15.00	-28.80	-1.24	0.00	-97.20	0.00	97.20	3,987.39	1,019.35	4,493	4,004.43	0.03	-0.02	0.03
20.00	-27.88	-1.23	0.00	-91.02	0.00	91.02	3,912.95	990.35	4,241	3,817.03	0.06	-0.03	0.03
25.00	-26.98	-1.23	0.00	-84.85	0.00	84.85	3,836.23	961.35	3,996	3,631.76	0.10	-0.04	0.03
30.00	-26.11	-1.23	0.00	-78.69	0.00	78.69	3,757.23	932.35	3,759	3,448.80	0.14	-0.05	0.03
35.00	-25.27	-1.22	0.00	-72.56	0.00	72.56	3,675.94	903.36	3,529	3,268.37	0.19	-0.05	0.03
40.00	-24.44	-1.21	0.00	-66.46	0.00	66.46	3,592.36	874.36	3,306	3,090.65	0.25	-0.06	0.03
45.00	-24.04	-1.21	0.00	-60.41	0.00	60.41	3,506.51	845.36	3,090	2,915.85	0.32	-0.07	0.03
47.50	-23.29	-1.19	0.00	-57.40	0.00	57.40	3,462.72	830.86	2,985	2,829.60	0.36	-0.07	0.03
50.00	-22.34	-1.18	0.00	-54.41	0.00	54.41	3,418.37	816.36	2,882	2,744.16	0.40	-0.08	0.03
53.25	-22.07	-1.17	0.00	-50.59	0.00	50.59	3,408.56	813.18	2,860	2,725.51	0.46	-0.08	0.03
55.00	-21.31	-1.15	0.00	-48.55	0.00	48.55	3,377.08	803.03	2,789	2,666.32	0.49	-0.09	0.03
60.00	-20.57	-1.14	0.00	-42.78	0.00	42.78	3,276.75	774.03	2,591	2,492.78	0.58	-0.09	0.02
65.00	-19.85	-1.11	0.00	-37.10	0.00	37.10	3,153.99	745.04	2,400	2,308.60	0.69	-0.10	0.02
70.00	-16.48	-1.00	0.00	-31.53	0.00	31.53	3,031.23	716.04	2,217	2,131.50	0.80	-0.11	0.02
75.00	-15.82	-0.98	0.00	-26.53	0.00	26.53	2,908.48	687.04	2,041	1,961.46	0.91	-0.12	0.02
80.00	-15.19	-0.95	0.00	-21.65	0.00	21.65	2,785.72	658.04	1,873	1,798.48	1.04	-0.12	0.02
85.00	-14.70	-0.93	0.00	-16.91	0.00	16.91	2,662.96	629.05	1,711	1,642.58	1.17	-0.13	0.02
89.00	-14.41	-0.91	0.00	-13.21	0.00	13.21	2,564.76	605.85	1,587	1,522.95	1.28	-0.13	0.01
90.00	-12.14	-0.80	0.00	-12.29	0.00	12.29	2,540.21	600.05	1,557	1,493.74	1.31	-0.13	0.01
91.00	-10.72	-0.72	0.00	-11.50	0.00	11.50	2,515.65	594.25	1,527	1,464.83	1.33	-0.13	0.01
95.00	-10.49	-0.71	0.00	-8.61	0.00	8.61	2,417.45	571.05	1,410	1,351.98	1.45	-0.14	0.01
97.00	-9.97	-0.68	0.00	-7.20	0.00	7.20	2,368.35	559.45	1,354	1,297.25	1.51	-0.14	0.01
100.00	-6.92	-0.49	0.00	-5.16	0.00	5.16	2,294.69	542.05	1,271	1,217.28	1.59	-0.14	0.01
101.00	-6.62	-0.47	0.00	-4.67	0.00	4.67	1,529.64	366.21	870	826.32	1.62	-0.14	0.01
105.00	-6.34	-0.46	0.00	-2.77	0.00	2.77	1,481.61	350.74	798	766.26	1.74	-0.14	0.01
109.00	-6.10	-0.44	0.00	-0.95	0.00	0.95	1,419.33	335.28	729	701.36	1.86	-0.14	0.01
110.00	-0.85	-0.07	0.00	-0.51	0.00	0.51	1,402.96	331.41	712	685.20	1.89	-0.14	0.00
115.00	-0.69	-0.05	0.00	-0.18	0.00	0.18	1,321.13	312.08	632	607.20	2.04	-0.14	0.00

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
118.00	-0.15	-0.01	0.00	-0.01	0.00	0.01	1,272.02	300.48	586	562.66	2.13	-0.14	0.00
119.00	0.00	-0.01	0.00	0.00	0.00	0.00	1,255.66	296.61	571	548.20	2.17	-0.14	0.00

ANALYSIS SUMMARY

Load Case	Base Reactions						Max Usage	
	Shear FX (kips)	Shear FZ (kips)	Axial FY (kips)	Moment MX (ft-kips)	Moment MY (ft-kips)	Moment MZ (ft-kips)	Elev (ft)	Interaction Ratio
1.2D + 1.0W	29.07	0.00	45.78	0.00	0.00	2544.83	0.00	0.57
0.9D + 1.0W	29.06	0.00	34.33	0.00	0.00	2523.28	0.00	0.56
1.2D + 1.0Di + 1.0Wi	9.14	0.00	71.24	0.00	0.00	819.60	0.00	0.2
1.2D + 1.0Ev + 1.0Eh	1.24	0.00	46.42	0.00	0.00	116.91	0.00	0.04
0.9D - 1.0Ev + 1.0Eh	1.24	0.00	32.24	0.00	0.00	115.70	0.00	0.03
1.0D + 1.0W	6.96	0.00	38.17	0.00	0.00	606.00	0.00	0.14

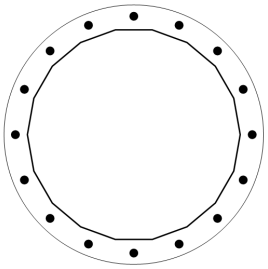
BASE PLATE ANALYSIS @ 0 FT

APPLIED REACTIONS

Moment (k-ft)	Axial (k)	Shear (k)
2544.83	45.78	29.07

PLATE PARAMETERS (ID# 10190)

Width:	65.75	in
Shape:	Round	
Thickness:	2	in
Grade:	A572-50	
Yield Strength:	50	ksi
Tensile Strength:	65	ksi
Rod Detail Type:	d	
Clear Distance	3.25	in
Base Weld Size:	0.125	in
Orientation Offset:	-	°
Analysis Type:	Plastic	
Neutral Axis:	79	°



ANCHOR ROD PARAMETERS

Class	Arrangement	Quantity	Diameter (in)	Circle (in)	Grade	F_y (ksi)	F_u (ksi)	Spacing (in)	Offset (°)
Original [ID#986]	Radial	16	2.25	60	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	53.34"ø x 0.375" (18 Sides)	62.0816	-	-	21772.55	-
Bolt Group	Original (16) 2.25"ø	3.9761	3.2477	0.8393	21395.50	4.5

REACTION DISTRIBUTION

Component	ID	Moment M_u (k-ft)	Axial Load P_u (k)	Shear V_u (k)	Moment Factor
Pole	53.34"ø x 0.375" (18 Sides)	2544.8	45.78	29.07	1.000
Bolt Group	Original (16) 2.25"ø	2544.8	-	29.07	1.000

BASE PLATE BEND LINE ANALYSIS @ 0 FT

POLE PROPERTIES

Flat-to-Flat Diameter:	53.46	in	Flat Width:	9.427	in	Neutral Axis:	79	°
Point-to-Point Diameter:	54.29	in	Flat Radians:	0.349	rad	Bend Line Limits:	2.482 to 3.409	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	34.056	0.00	34.056	374.1	1532.5	24.4%
Corners	32.725	0.00	32.725	264.2	1472.6	17.9%
Circumferential	39.251	0.00	39.251	411.2	1766.3	23.3%

PLASTIC ANCHOR ROD ANALYSIS

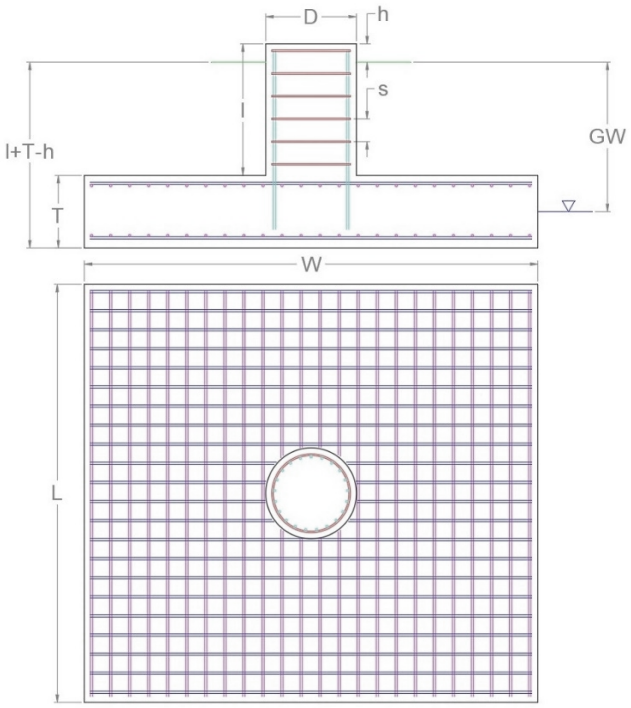
Class	Group Quantity	Rod Diameter (in)	Applied Axial Load P_u (k)	Applied Shear Load V_u (k)	Compressive Capacity ΦP_n (k)	Interaction Result
Original	16	2.25	109.6	2.8	243.6	47.3%

APPLIED GLOBAL REACTIONS

Moment (k-ft)	Axial (k)	Shear (k)
2,544.83	45.78	29.07

FOUNDATION PARAMETERS

Mat Length:	L	24	ft
Mat Width:	W	24	ft
Mat Thickness:	T	1.5	ft
Base Depth:	L+T-h	6	ft
Pier Shape:		Round	
Pier Diameter:	D	8	ft
Pier Height above Grade:	h	0.5	ft
Concrete Compressive Strength:		4,500	psi
Mat Top Rebar:		(52) #8 bars [60 ksi]	
Mat Bottom Rebar:		(52) #8 bars [60 ksi]	
Pier Vertical Rebar:		(48) #8 bars [60 ksi]	
Pier Rebar Ties:	s	#5 bars @ 12.0" c/c [60 ksi]	
Rebar Clear Cover:		3.0	in
Tower Eccentricity:	ecc	0	ft
Tower Leg Count		1	



SOIL PARAMETERS

Water Table Depth [BGL]:	GW		ft
Soil Unit Weight:		125	pcf
Ultimate Skin Friction:			psf
Ultimate Bearing Pressure:		8,000	psf
Bearing Pressure Type:		Net	
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, $M_{u,Design} / \Phi_m M_n$	
2,733.78	5,692.24	**48.0%**	✓

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, $P_{u,net} / \Phi_b P_n$	
1,596.00	6,562.00	Diagonal to Pad Edge	**24.3%**	✓

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, $V_u / \Phi_s V_n$	
29.07	0.00	656.2	23.62	92.89	**31.0%**	✓

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, $V_u / \Phi_c V_n$
117.89	399.08	Diagonal to Pad Edge	**29.5%**

MAT REINFORCING PUNCHING SHEAR ANALYSIS

Punching Shear Design Stress, v_u (psi)	Nominal Punching Shear Capacity, $\Phi_c v_n$ (psi)	Mat Punching Shear Usage, $v_u / \Phi_c v_n$
86.8	182.2	**47.6%**

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, $0.6\ M_{ut} / \Phi M_{sc,f}$
12.50	2.33	0.00	15,638.6	**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, $M_u / \Phi M_n$
604.80	2,412.25	Parallel to Pad Edge	**25.1%**

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, $M_u / \Phi M_n$
984.90	2,412.25	Parallel to Pad Edge	**40.8%**

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
87.75	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, $M_u/\Phi_b M_n$
2,690.18	7,322.04	0.005	**36.7%**

PIER REINFORCING COMPRESSION ANALYSIS

Design Compression, P_u (k)	Nominal Compressive Capacity, $\Phi_p P_n$ (k)	Pier Rebar Compressive Usage, $P_u / \Phi_p P_n$
45.78	14,346.06	**0.3%**

PIER REINFORCING SHEAR ANALYSIS

Design Shear, V_u (k)	Nominal Shear Capacity, $\Phi_v V_n$ (k)	Pier Rebar Shear Usage, $V_u / \Phi_v V_n$
29.07	909.20	**3.2%**

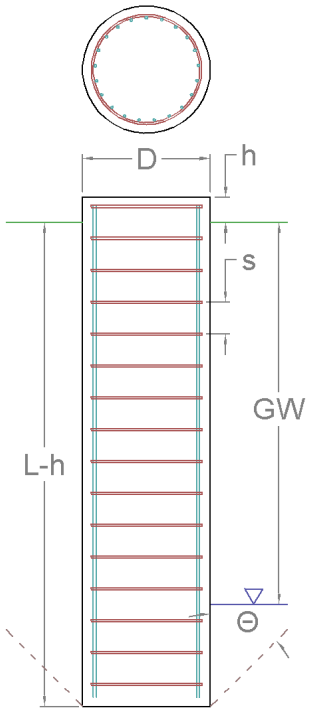
PIER FOUNDATION ANALYSIS

GLOBAL REACTIONS

Moment (k-ft)	Axial (k)	Shear (k)
2,544.83	45.78	29.07

FOUNDATION PARAMETERS

Pier Diameter:	D	7.00	ft
Pier Embedment Depth:	L-h	24.0	ft
Pier Height above Grade:	h	0.50	ft
Concrete Compressive Strength:		4,500	psi
Vertical Rebar:		(34) #9 bars [60 ksi]	
Tie Rebar:	s	#5 bars @ 8.0" c/c [60 ksi]	
Rebar Clear Cover:		3.00	in



SOIL PARAMETERS

Water Table Depth [BGL]: GW 24 ft

Layer Depth (ft) Top	Layer Depth (ft) Bottom	Unit Weight pcf	Cohesion psf	Friction Angle °	Ultimate Skin Friction psf	Ultimate Net Bearing psf
0	3	105	0	0	0	0
3	23.9	120	0	34	0	0
23.9	28.9	130	0	36	0	12,400

SOIL STRENGTH ANALYSIS

Volume of Concrete (ft^3)	Buoyant Weight of Concrete (k)	Skin Friction Resistance (k)	Inflection Point [BGL] (ft)
942.87	141.43	0.00	17.15

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, $M_u / \Phi M_n$
2,104.86	3,057.81	0.00	7,149.14	**42.8%**

SOIL COMPRESSION ANALYSIS

Compressive Bearing Resistance (k)	Compressive Force, P_u (k)	Additional Resistance (k)	Nominal Compressive Capacity, ΦP_n (k)	Soil Compressive Usage, $P_u / \Phi P_n$
477.21	81.35	0.00	357.91	**22.7%**

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
75.622	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, $M_u/\Phi_b M_n$
2,563.12	5,657.91	0.01	**45.3%**

PIER REINFORCING COMPRESSION ANALYSIS

Buoyant Weight of Concrete (k)	Design Compression, P_u (k)	Nominal Compressive Capacity, $\Phi_p P_n$ (k)	Pier Rebar Compressive Usage, $P_u / \Phi_p P_n$
141.43	81.35	12,015.75	**0.7%**

PIER REINFORCING SHEAR ANALYSIS

Design Shear, V_u (k)	Nominal Shear Capacity, $\Phi_v V_n$ (k)	Pier Rebar Shear Usage, $V_u / \Phi_v V_n$
275.81	794.29	**34.7%**

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 with Hardware Upgrades and PMI Requirements

Mount ReAnalysis

SMART Tool Project #: 10208052
Colliers Engineering & Design CT, P.C. Project #: 23777207

August 3, 2023

Site Information	*Site ID:*	*5000063849-VZW / BURLINGTON SW CT - A*
	Site Name:	*BURLINGTON SW CT - A*
	Carrier Name:	*Verizon Wireless*
	Address:	*87 Monce Road* *Burlington, Connecticut 06013* *Hartford County*
	Latitude:	*41.73913611°*
	Longitude:	*-72.90780278°*
Structure Information	*Tower Type:*	*120-Ft Monopole*
	Mount Type:	*12.50-Ft Platform*

FUZE ID # 17123840

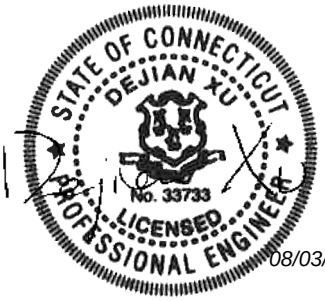
Analysis Results

Platform Mount: **37.6% Pass w/ Hardware Upgrades***

*** 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: Ismaias Recinos



08/03/2023

Executive Summary:

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

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

Sources of Information:

Document Type	Remarks
Radio Frequency Data Sheet (RFDS)	*Verizon RFDS Site ID: 616512833, dated April 22, 2021* *Filter Add Scope Provided by Verizon Wireless*
Desktop Mapping Report	*Colliers Engineering & Design, Project #: 21781103A, dated July 20, 2021*
Previous Mount Analysis	*NB+C, Project #: 100820, dated August 7 2021*

Analysis Criteria:

Codes and Standards:	ANSI/TIA-222-H 2022 Connecticut State Building Code (CSBC), Effective October 1, 2022	
Wind Parameters:	Basic Wind Speed (Ultimate 3-sec. Gust), V_{ULT}:	120 mph
	Ice Wind Speed (3-sec. Gust):	50 mph
	Design Ice Thickness:	1.50 in
	Risk Category:	II
	Exposure Category:	C
	Topographic Category:	1
	Topographic Feature Considered:	N/A
	Topographic Method:	N/A
	Ground Elevation Factor, K_e:	0.990
Seismic Parameters:	S_S:	0.180 g
	S_1:	0.054 g
Maintenance Parameters:	Wind Speed (3-sec. Gust):	30 mph
	Maintenance Live Load, Lv:	250 lbs.
	Maintenance Live Load, Lm:	500 lbs.
Analysis Software:	RISA-3D (V17)	

Final Loading Configuration:

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

Mount Elevation (ft)	Equipment Elevation (ft)	Quantity	Manufacturer	Model	Status
89.75	91.2	3	CommScope	NHHSS-65B-R2BT4	Retained
		3	CommScope	NHH-65B-R2B	
		3	Samsung	MT6407-77A	
		3	Samsung	CBRS RRH - RT4401-48A	
		3	Samsung	B2/B66A RRH-BR049 (RFV01U-D1A)	
		3	Samsung	B5/B13 RRH-BR04C (RFV01U-D2A)	
		1	Raycap	RVZDC-6627-PF-48*	
		2	KAelus	KA-6030	Added

* Equipment is flush mounted directly to the Monopole. It is not mounted on platform mount and is 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	9.8 %	Pass
Corner Plates	26.8 %	Pass
Standoff Horizontal	11.7 %	Pass
Standoff Cross Horizontal	13.8 %	Pass
Grating Angle	13.8 %	Pass
Support Rail	26.5 %	Pass
Support Rail Angle	37.6 %	Pass
Mount Pipe	34.1 %	Pass
Kicker Kit	6.2 %	Pass
Connection	13.7%	Pass

Structure Rating – *(Controlling Utilization of all Components)*	**37.6%**

***** Results valid after hardware upgrades noted in the PMI Requirements are installed.

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	26.8	26.8	43.9	43.9
0.5	34.8	34.8	59.1	59.1
1	42.1	42.1	73.6	73.6

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 will be **SUFFICIENT** for the final loading configuration shown in attachment 2 upon the completion of the requirements listed below.

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

Contractor shall record all dimensions and member sizes requested in the Mount Geometry Verification Requirements section of the Mount Analysis report. Contractor shall provide the requested information to Colliers Engineering & Design CT, P.C. for structural verification while on site. Contact EOR if these documents are not available to the general contractor.

Contractor shall inspect climbing facilities and safety climb, if present, and ensure they are in good condition. Contractor shall install safety climb wire rope guides in locations where wire rope is rubbing against the mount or mount-to-tower connection steel. Wire brush clean any observed corrosion and protect with two (2) coats of cold galvanization (Zinc Kote or Zinga). Contractor shall provide photos of wire rope guide installation as part of PMI documents. Contact EOR if additional guidance is 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, if required. 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 #: 5000063849 SMART Project #: 10208052 Fuze Project ID: 17123840

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

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

Base Requirements:

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

Photo Requirements:

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

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

Antenna & equipment placement and Geometry Confirmation:

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

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

OR

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

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

Issue:

Contractor shall install the proposed filter units on new Site Pro 1 Dual Swivel Mount Kit (Part #: RRUDSM or EOR approved equivalent) in the location shown in the placement diagrams. Contractor shall record all dimensions and member sizes requested in the Mount Geometry Verification Requirements section of the Mount Analysis report. Contractor shall provide the requested information to Colliers Engineering & Design CT, P.C. for structural verification while on site. Contact EOR if these documents are not available to the general contractor. Contractor shall inspect climbing facilities and safety climb, if present, and ensure they are in good condition. Contractor shall install safety climb wire rope guides in locations where wire rope is rubbing against the mount or mount-to-tower connection steel. Wire brush clean any observed corrosion and protect with two (2) coats of cold galvanization (Zinc Kote or Zinga). Contractor shall provide photos of wire rope guide installation as part of PMI documents. Contact EOR if additional guidance is required.

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

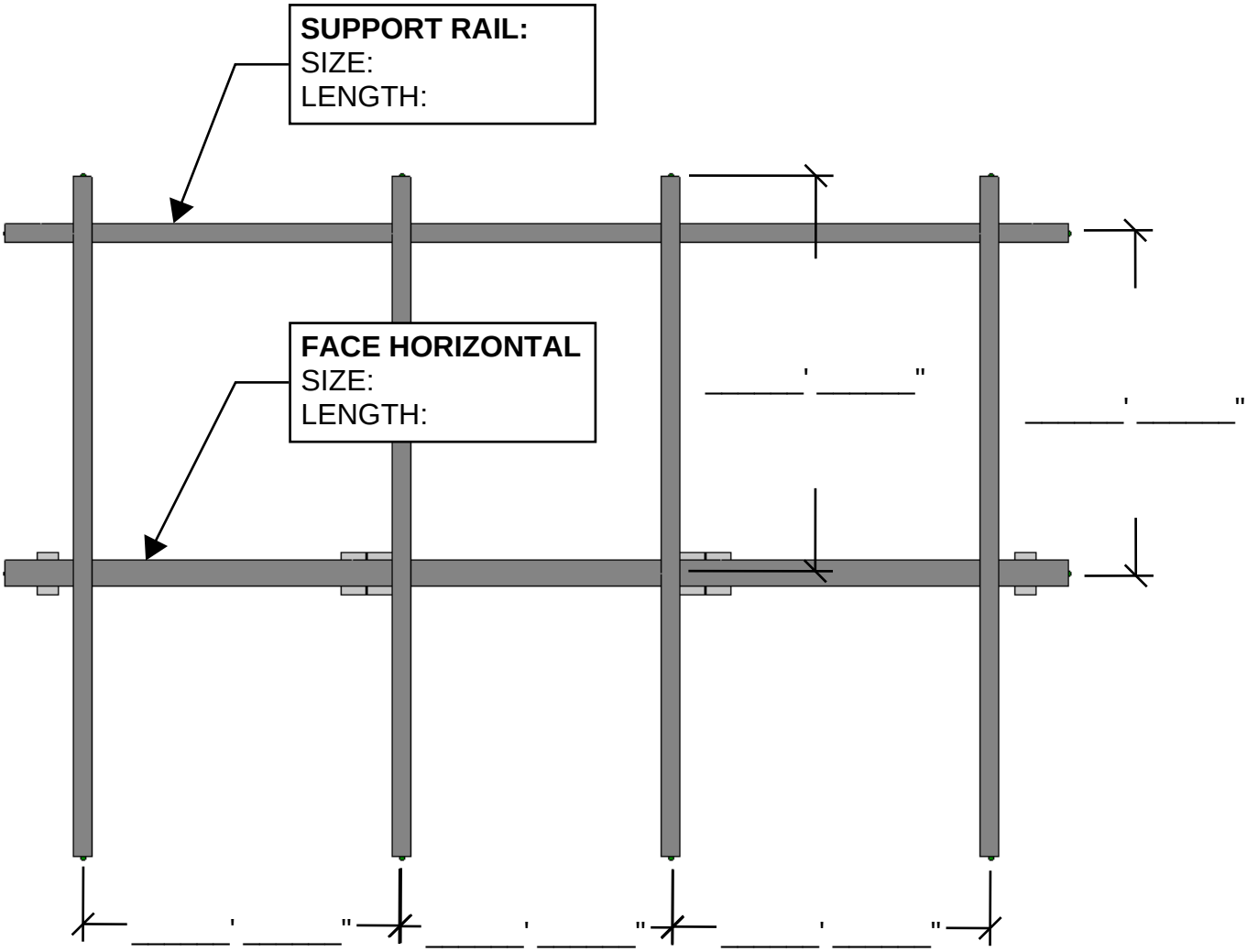
Contractor to certify the condition of the safety climb and verify no damage when leaving the site:

☐ Safety Climb in Good Condition ☐ Safety Climb Damaged

Certifying Individual:

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

MOUNT GEOMETRY VERIFICATION



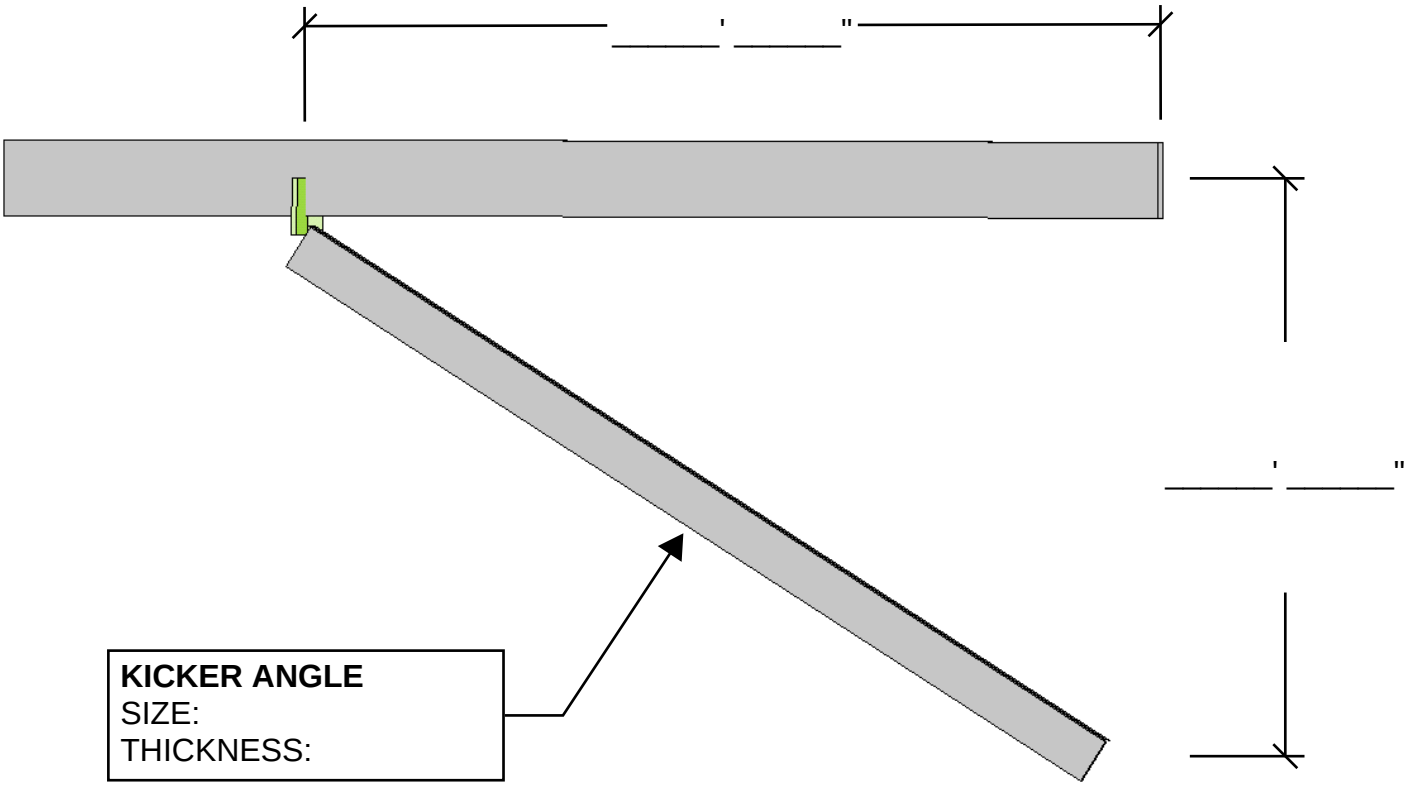
MOUNT FRONT ELEVATION VIEW (TYP. ALL SECTORS)
N.T.S.

TOWER GEOMETRY VERIFICATION

MONOPOLE DIAMETER: _____"

CONTRACTOR SHALL MEASURE ALL DIMENSIONS AND MEMBER SIZES REQUESTED ON THIS SKETCH. RECORD VIA PHOTOS AND MARKUPS ON THIS PAGE. PROVIDE PHOTOS AND MARKED-UP SKETCH TO THE EOR FOR EVALUATION.

MOUNT GEOMETRY VERIFICATION

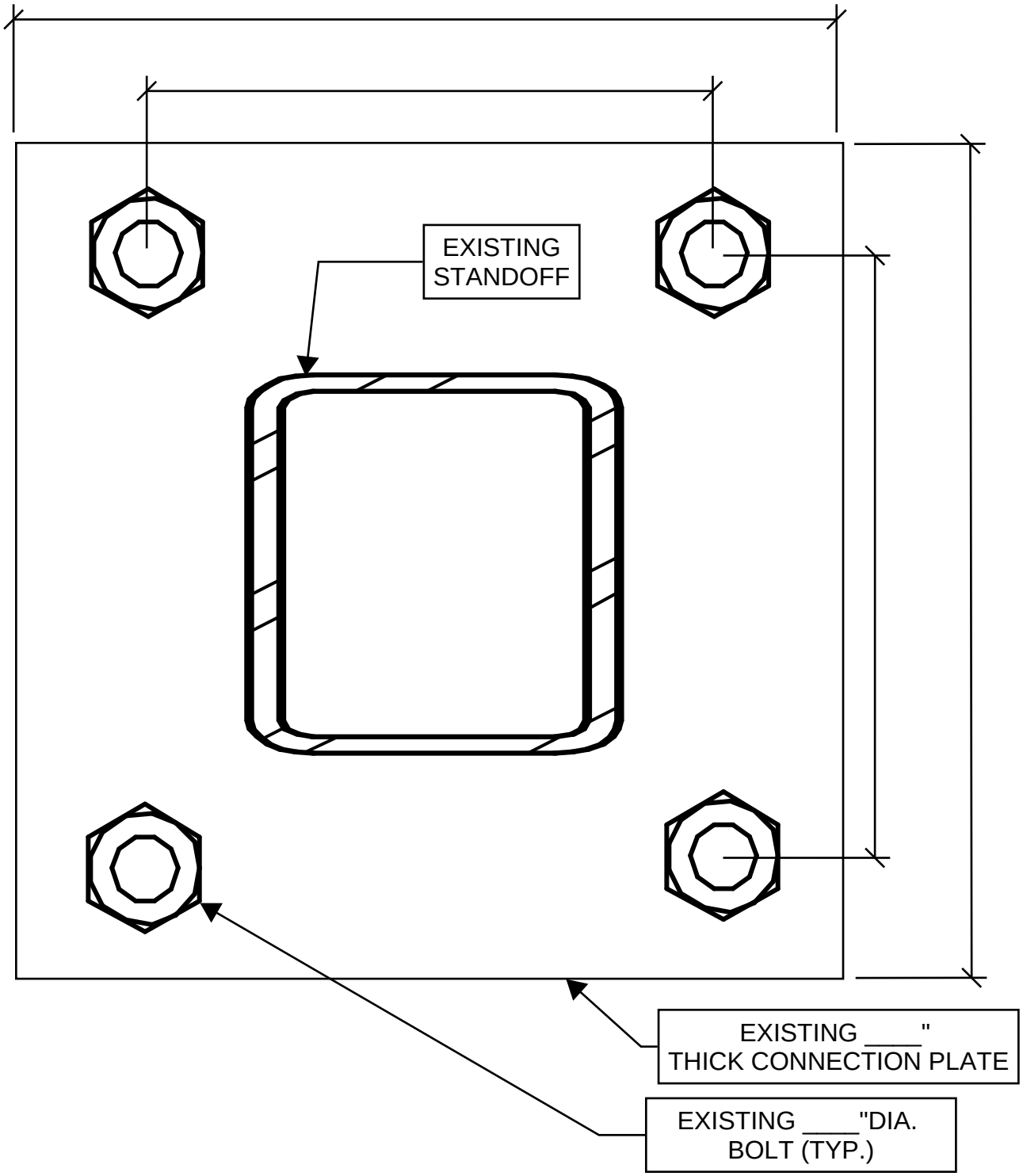


MOUNT SIDE ELEVATION VIEW (TYP. ALL SECTORS)

N.T.S.

CONTRACTOR SHALL MEASURE ALL DIMENSIONS AND MEMBER SIZES REQUESTED ON THIS SKETCH. RECORD VIA PHOTOS AND MARKUPS ON THIS PAGE. PROVIDE PHOTOS AND MARKED-UP SKETCH TO THE EOR FOR EVALUATION.

MOUNT GEOMETRY VERIFICATION



CONNECTION GEOMETRY (TYP. ALL SECTORS)

N.T.S.

CONTRACTOR SHALL MEASURE ALL DIMENSIONS AND MEMBER SIZES REQUESTED ON THIS SKETCH. RECORD VIA PHOTOS AND MARKUPS ON THIS PAGE. PROVIDE PHOTOS AND MARKED-UP SKETCH TO THE EOR FOR EVALUATION.

MOUNT GEOMETRY VERIFICATION

STANDARD PIPE DIMENSIONS				
		THICKNESS (IN.)		
PIPE SIZE	O.D. (IN.)	STD	XSTR	XXSTR
P1 1/2	1.900	0.145	0.200	0.400
P2	2.375	0.154	0.218	0.436
P2 1/2	2.875	0.203	0.276	0.552
P3	3.500	0.216	0.300	0.600
P3 1/2	4.000	0.226	0.318	0.636
P4	4.500	0.237	0.337	0.674
P4 1/2	5.000	0.247	0.355	0.710
P5	5.563	0.258	0.375	0.750
P6	6.625	0.280	0.432	0.864

CONTRACTOR SHALL USE MEMBER SIZES AND DETAILS TO FACILITATE GEOMETRY VERIFICATION. CONTACT EOR FOR ADDITIONAL CLARIFICATION IF NEEDED

Structure: 00006384 -VZW - BURLINGTON SW CT - A

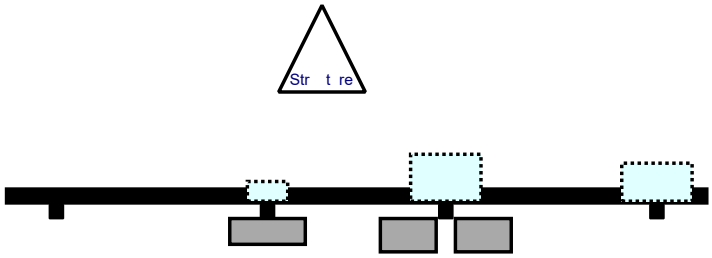
Se tor: **A** 8/3/2023

Str t re Type: Mo opole 10208052

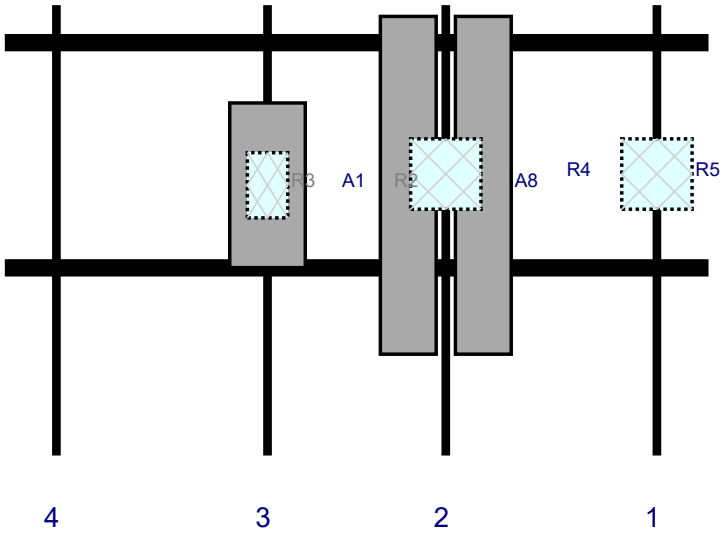
Mo t Elev: 89.75 P ge: 1

Colliers Engineering & Design

Plan View



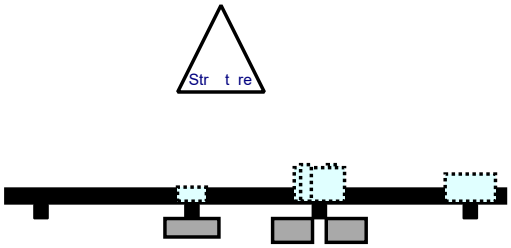
Front View - Loo i g t Str t re



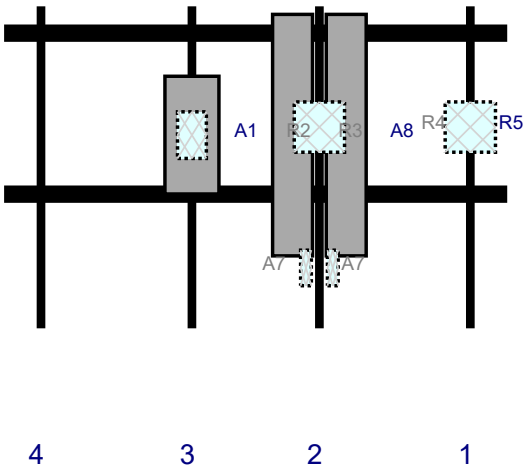
Re #	Model	Height (i)	Width (i)	H Dist Fr L.	Pipe #	Pipe Pos V	A t Pos	C. A t Fr T.	A t H O	St t s	V lid tio
R5	B5/B13 RRH-BR04C (RFV01U-D2A)	15	15	139	1		Behi d	36	0	Ret i ed	
A1	NHH-65B-R2B	72	11.9	94	2		Fro t	38.4	-8	Ret i ed	
A8	NHHSS-65B-R2BT4	72	11.9	94	2		Fro t	38.4	8	Ret i ed	
R4	B2/B66A RRH-BR049 (RFV01U-D1A)	15	15	94	2		Behi d	36	0	Ret i ed	
R2	MT6407-77A	35.1	16.1	56	3		Fro t	38.4	0	Ret i ed	
R3	CBRS RRH - RT4401-48A	13.9	8.6	56	3		Behi d	38.4	0	Ret i ed	

Colliers Engineering & Design

Plan View

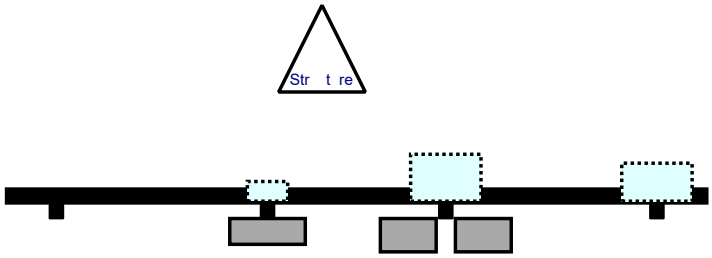


Front View - Loo i g t Str t re

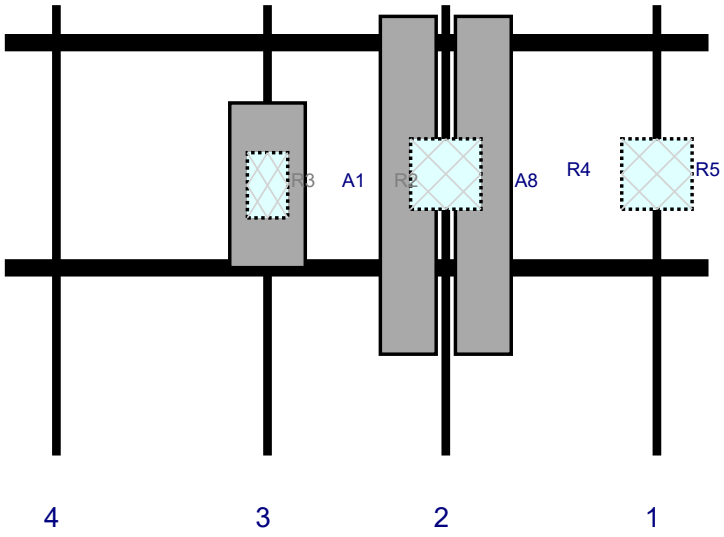


Re #	Model	Height (i)	Width (i)	H Dist Fr L.	Pipe #	Pipe Pos V	A t Pos	C. A t Fr T.	A t H O	St t s	V lid tio
R5	B5/B13 RRH-BR04C (RFV01U-D2A)	15	15	139	1		Behi d	36	0	Ret i ed	
A1	NHH-65B-R2B	72	11.9	94	2		Fro t	38.4	-8	Ret i ed	
A8	NHHSS-65B-R2BT4	72	11.9	94	2		Fro t	38.4	8	Ret i ed	
R4	B2/B66A RRH-BR049 (RFV01U-D1A)	15	15	94	2		Behi d	36	0	Ret i ed	
A7	KA-6030	10.6	3.2	94	2		Behi d	78	-4	Added	
A7	KA-6030	10.6	3.2	94	2		Behi d	78	4	Added	
R2	MT6407-77A	35.1	16.1	56	3		Fro t	38.4	0	Ret i ed	
R3	CBRS RRH - RT4401-48A	13.9	8.6	56	3		Behi d	38.4	0	Ret i ed	

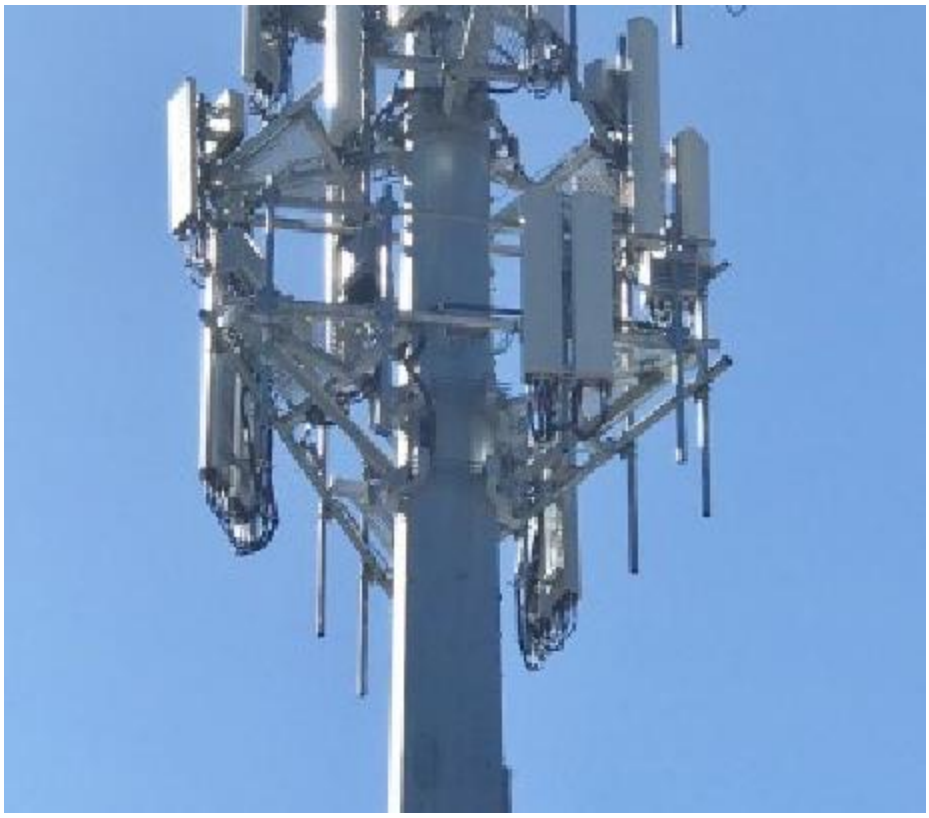
Plan View



Front View - Loo i g t Str t re



Re #	Model	Height (i)	Width (i)	H Dist Fr L.	Pipe #	Pipe Pos V	A t Pos	C. A t Fr T.	A t H O	St t s	V lid tio
R5	B5/B13 RRH-BR04C (RFV01U-D2A)	15	15	139	1		Behi d	36	0	Ret i ed	
A1	NHH-65B-R2B	72	11.9	94	2		Fro t	38.4	-8	Ret i ed	
A8	NHHSS-65B-R2BT4	72	11.9	94	2		Fro t	38.4	8	Ret i ed	
R4	B2/B66A RRH-BR049 (RFV01U-D1A)	15	15	94	2		Behi d	36	0	Ret i ed	
R2	MT6407-77A	35.1	16.1	56	3		Fro t	38.4	0	Ret i ed	
R3	CBRS RRH - RT4401-48A	13.9	8.6	56	3		Behi d	38.4	0	Ret i ed	




United States
Altitude:125.5meter
Speed:0.0km/h

Desktop Mount Mapping Form

Site Name:	BURLINGTON SW CT - A	**Tower Type:**	Monopole
Site ID:		**Tower Owner:**	
PSLC:	479435	**Tower Height (Ft.):**	
Customer:	Verizon Wireless	**Mount Elevation (Ft.):**	
Colliers Project No.	21781103	**Date:**	7/20/2021

Document Type	Provided? (Yes/No)	Source Name	Project No.	Dated	Comments/Remarks
Previous Mount Mapping	No				
Previous Mapping Photos	No				
Previous Mount Analysis	Yes	As Built MA		7/30/2020	Provided and is a primary source of information for MA.
Previous Mount Modifications	No				
Previous Structural Analysis	Yes	As Built SA		5/5/2020	Provided and is a secondary source of information for MA.
Construction Drawings	Yes	As Built CD		8/6/2020	Provided and is a primary source of information for MA. See for mount part numbers and details.
Greenbook	No				
Closeout Photos	Yes	6 Pictures			
Handover Package	No				
New Build 445 Documentation	No				
Other	No				
Previous PMI	No				

The desktop mount mapping is based on the engineering review of the available site documents in FUZE, as listed above, in place of a full mount mapping. It is assumed that the information provided in the documents listed above, provide an accurate representation of the existing mount. EOR reserves the right and will typically require additional clarification and verification as will be included in the PMI requirements. During the Post Modification Inspection (PMI) process, the GC on site will be required to confirm all questions, confirmations, and validations as posed by the EOR. The engineering review for this desktop mount mapping was performed in accordance to the ANSI/TIA-222-H requirements and Verizon's NSTD446 standard.

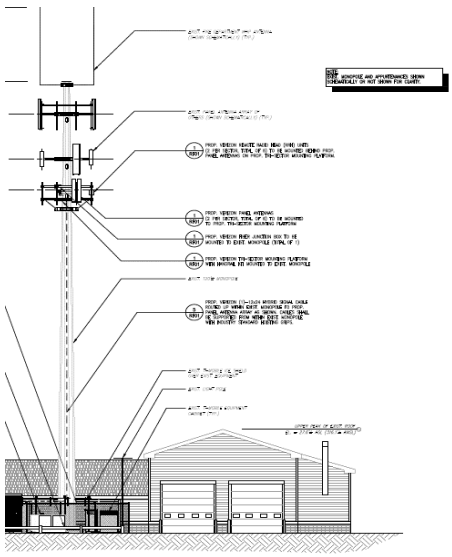


Photo taken from: CDs

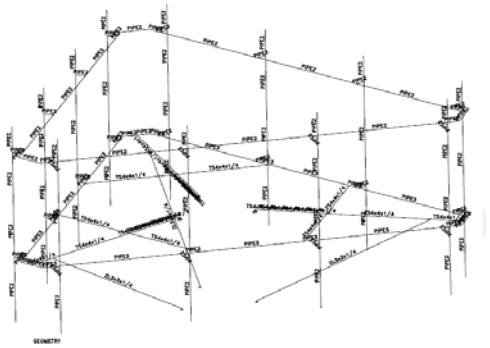
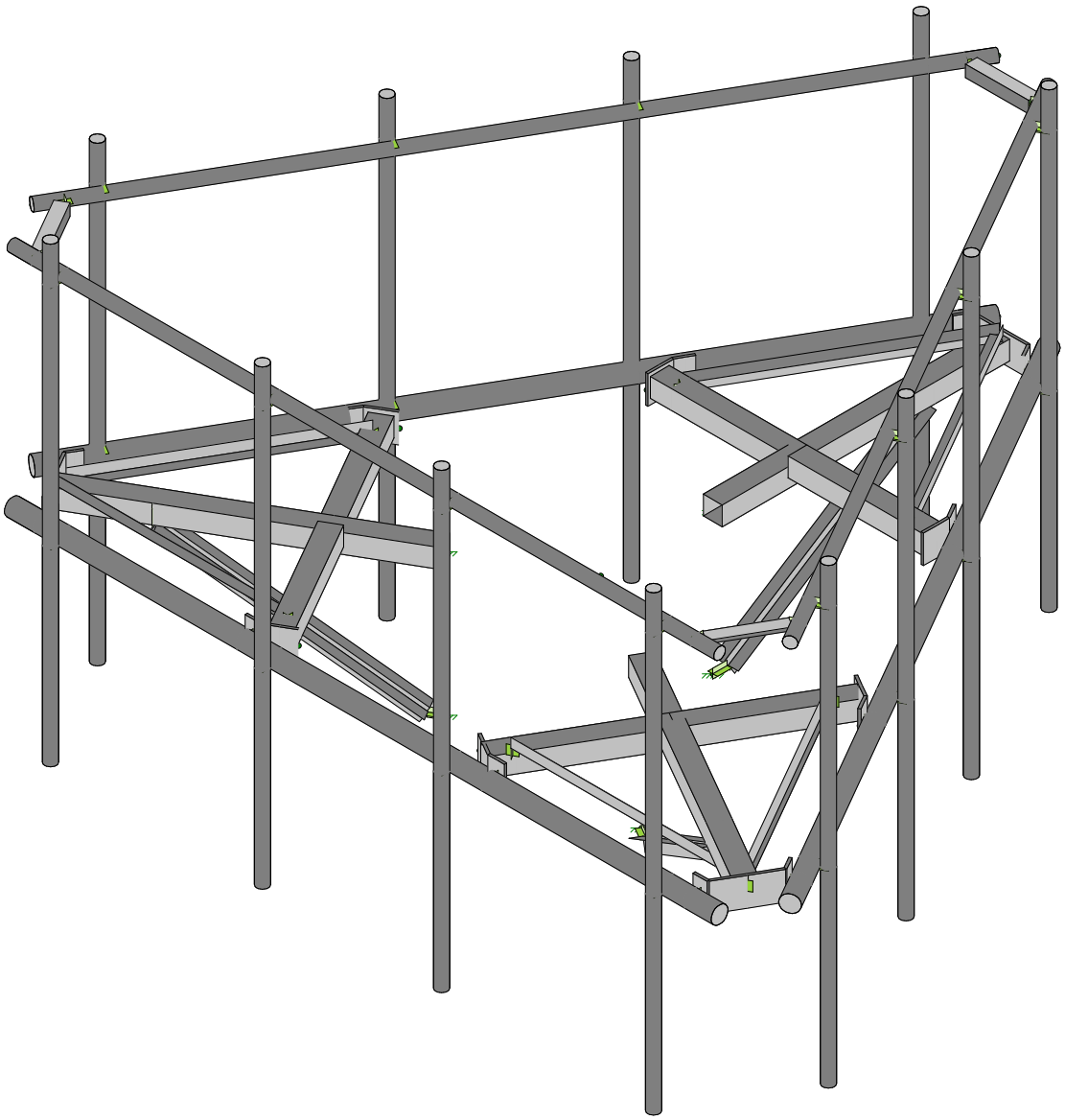
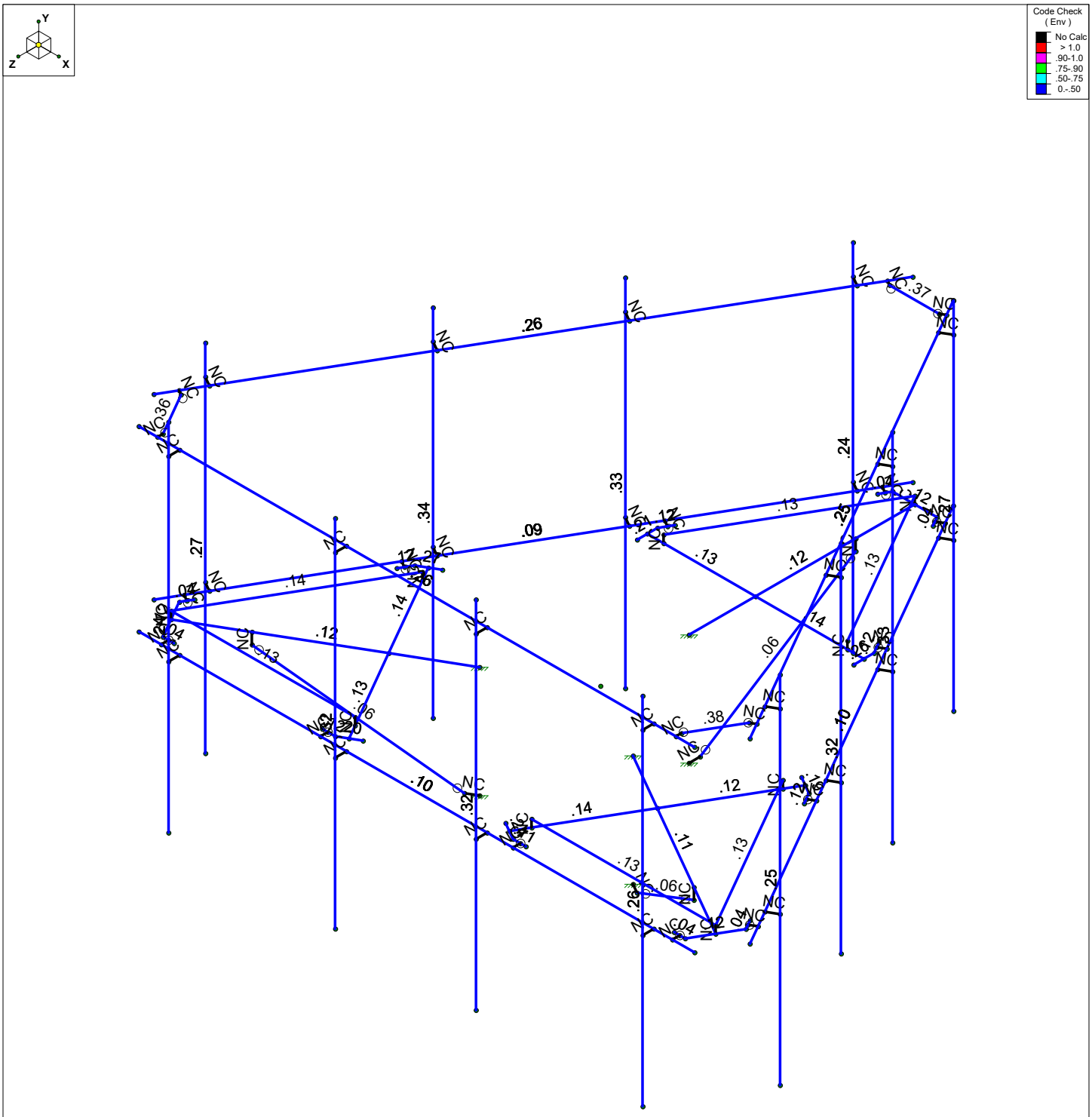


Photo taken from: Previous MA



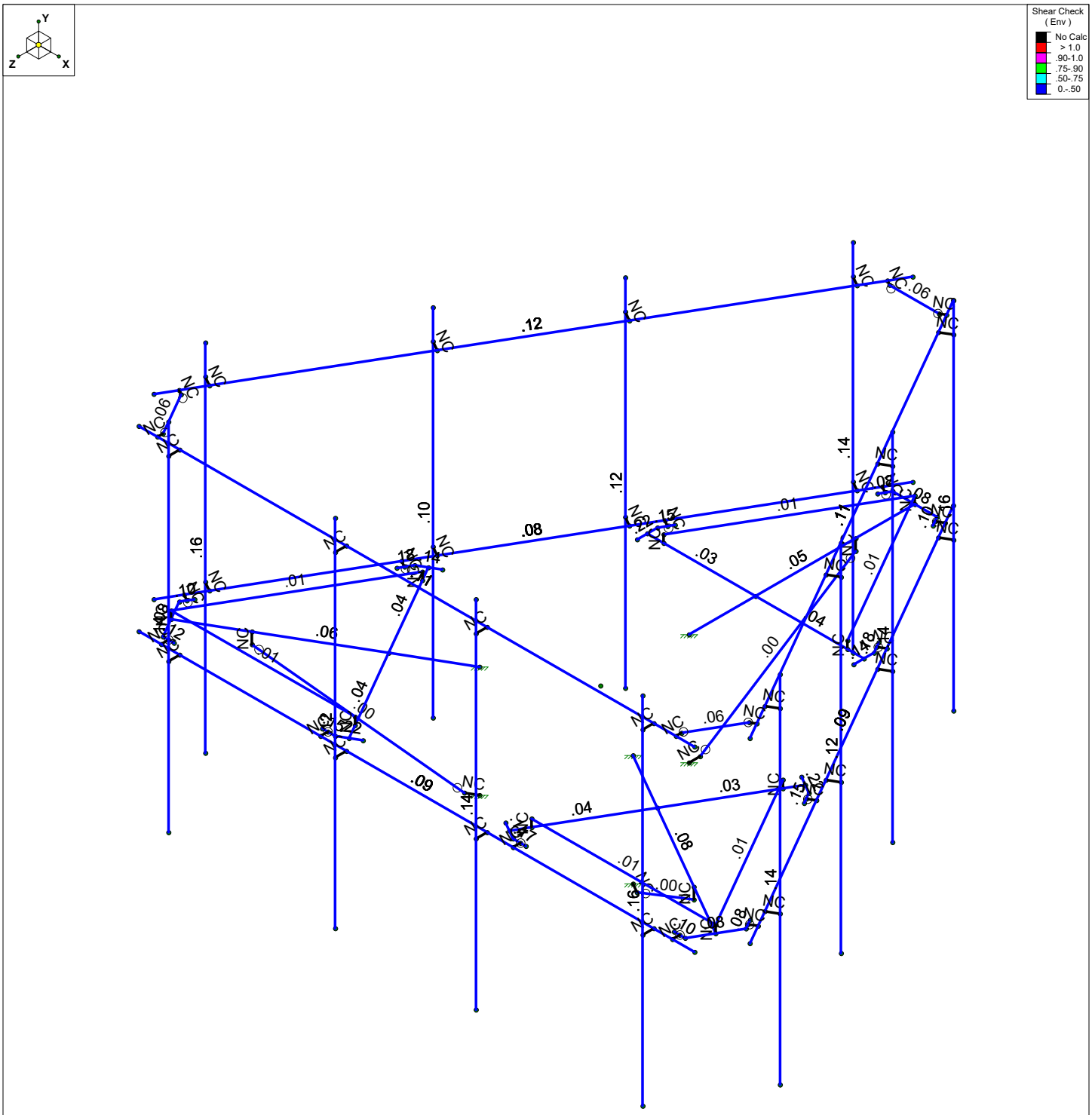
Envelope Only Solution

Colliers Engineering & De...	5000063849-VZW_MT_LO_H	
ILR		Aug 3, 2023 at 1:44 PM
Project No. 10208052		5000063849-VZW_MT_LO_H.r3d



Member Code Checks Displayed (Enveloped)
Envelope Only Solution

Colliers Engineering & De...	5000063849-VZW_MT_LO_H	SK - 1
ILR		Aug 3, 2023 at 2:00 PM
Project No. 10208052		5000063849-VZW_MT_LO_H.r3d



Member Shear Checks Displayed (Enveloped)
Envelope Only Solution

Colliers Engineering & De...	5000063849-VZW_MT_LO_H	
ILR		Aug 3, 2023 at 2:00 PM
Project No. 10208052		5000063849-VZW_MT_LO_H.r3d

Basic Load Cases

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed	Area(Me...	Surface(P...
1	Antenna D	None					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						
40	Structure Di	None						60		
41	Structure Wo (0 Deg)	None						120		
42	Structure Wo (30 Deg)	None						120		
43	Structure Wo (60 Deg)	None						120		
44	Structure Wo (90 Deg)	None						120		
45	Structure Wo (120 D...	None						120		
46	Structure Wo (150 D...	None						120		
47	Structure Wo (180 D...	None						120		
48	Structure Wo (210 D...	None						120		
49	Structure Wo (240 D...	None						120		
50	Structure Wo (270 D...	None						120		
51	Structure Wo (300 D...	None						120		
52	Structure Wo (330 D...	None						120		
53	Structure Wi (0 Deg)	None						120		
54	Structure Wi (30 Deg)	None						120		
55	Structure Wi (60 Deg)	None						120		
56	Structure Wi (90 Deg)	None						120		

Basic Load Cases (Continued)

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed	Area(Me...	Surface(P...
57	Structure Wi (120 De...	None						120		
58	Structure Wi (150 De...	None						120		
59	Structure Wi (180 De...	None						120		
60	Structure Wi (210 De...	None						120		
61	Structure Wi (240 De...	None						120		
62	Structure Wi (270 De...	None						120		
63	Structure Wi (300 De...	None						120		
64	Structure Wi (330 De...	None						120		
65	Structure Wm (0 Deg)	None						120		
66	Structure Wm (30 De...	None						120		
67	Structure Wm (60 De...	None						120		
68	Structure Wm (90 De...	None						120		
69	Structure Wm (120 D...	None						120		
70	Structure Wm (150 D...	None						120		
71	Structure Wm (180 D...	None						120		
72	Structure Wm (210 D...	None						120		
73	Structure Wm (240 D...	None						120		
74	Structure Wm (270 D...	None						120		
75	Structure Wm (300 D...	None						120		
76	Structure Wm (330 D...	None						120		
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								
85	Structure Eh (0 Deg)	ELZ			-.03					
86	Structure Eh (90 Deg)	ELX	.03							

Load Combinations

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

Load Combinations (Continued)

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

Joint Coordinates and Temperatures

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
1	N1	-6.25	0	4.13556	0	
2	N2	6.25	0	4.13556	0	
3	N19	-5.333333	0	4.13556	0	
4	N20	-5.333333	0	4.38556	0	
5	N22B	-1.583333	0	4.13556	0	
6	N23	-1.583333	0	4.38556	0	
7	N26	1.583317	0	4.13556	0	
8	N27	1.583317	0	4.38556	0	
9	N30	5.333333	0	4.13556	0	
10	N31	5.333333	0	4.38556	0	
11	N77	-6.4565	0	2.911866	0	
12	N78	-6.311873	0	2.995367	0	
13	N79	-6.374373	0	3.10362	0	
14	N80	-6.249373	0	2.887113	0	
15	N82	-5.75	0	4.13556	0	
16	N83	-5.75	0	3.96856	0	
17	N84	-5.625	0	3.96856	0	
18	N85	-5.875	0	3.96856	0	
19	N86	-6.124687	0	3.53609	0	
20	N87	-1.724845	0	0.99584	0	
21	N88	-3.021285	0	1.74434	0	
22	N91	-2.166602	0	4.13556	0	
23	N92	-2.166602	0	3.96856	0	
24	N93	-1.999602	0	3.96856	0	
25	N94	-2.291602	0	3.96856	0	
26	N95	-1.602962	0	3.73956	0	
27	N96	-1.802748	0	3.854907	0	
28	N97	-4.664799	0	-0.191451	0	
29	N98	-4.520172	0	-0.107951	0	
30	N99	-4.436672	-0.	-0.252577	0	
31	N100	-4.582672	0.	0.000303	0	
32	N101	-4.040033	-0.	-0.481577	0	
33	N102	-4.239819	-0.	-0.36623	0	
34	N104	-1.986817	0	3.53609	0	
35	N104A	-6.124687	.167	3.53609	0	
36	N106	-1.986817	.167	3.53609	0	
37	N119	-4.05575	0	-0.047413	0	
38	N123	-4.05575	.167	-0.047413	0	
39	N148A	-6.25	4	4.13556	0	
40	N149A	6.25	4	4.13556	0	
41	N150	-5.333333	4	4.13556	0	
42	N151	-5.333333	4	4.38556	0	
43	N152	-1.583333	4	4.13556	0	
44	N153	-1.583333	4	4.38556	0	
45	N154	1.583317	4	4.13556	0	
46	N155	1.583317	4	4.38556	0	
47	N156	5.333333	4	4.13556	0	
48	N157	5.333333	4	4.38556	0	
49	CG	0	0	0	0	
50	N61	6.7065	0	3.344879	0	
51	N62	0.4565	0	-7.480439	0	
52	N81	5.75	0	4.13556	0	
53	N82A	5.75	0	3.968559	0	
54	N83A	5.875	0	3.968559	0	
55	N84A	5.625	0	3.968559	0	
56	N85A	6.4565	0	2.911866	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
57	N86A	6.311874	0	2.995366	0	
58	N87A	6.249374	0	2.887113	0	
59	N88A	6.374374	0	3.103619	0	
60	N89A	6.124687	0	3.53609	0	
61	N90	1.724845	0	0.995839	0	
62	N91A	3.021285	0	1.744339	0	
63	N93A	4.664801	0	-0.191448	0	
64	N94A	4.520175	0	-0.107948	0	
65	N95A	4.436675	0	-0.252574	0	
66	N96A	4.582675	0	0.000306	0	
67	N97A	4.040035	0	-0.481574	0	
68	N98A	4.239821	0	-0.366227	0	
69	N99A	2.166598	0	4.13556	0	
70	N100A	2.166598	0	3.968559	0	
71	N101A	1.999598	-0.	3.968559	0	
72	N102A	2.291598	0.	3.968559	0	
73	N103	1.602959	-0.	3.739559	0	
74	N104B	1.802745	-0.	3.854906	0	
75	N105	4.055752	0	-0.04741	0	
76	N106A	6.124687	.167	3.53609	0	
77	N107	4.055752	.167	-0.04741	0	
78	N108	1.986814	0	3.53609	0	
79	N109	1.986814	.167	3.53609	0	
80	N110	6.7065	4	3.344879	0	
81	N111	0.4565	4	-7.480439	0	
82	N121	-0.4565	0	-7.480439	0	
83	N122	-6.7065	0	3.344879	0	
84	N141	0.7065	0	-7.047426	0	
85	N142	0.561873	0	-6.963926	0	
86	N143	0.499373	0	-7.072179	0	
87	N144	0.624373	0	-6.855673	0	
88	N145	-0.7065	0	-7.047426	0	
89	N146	-0.561874	0	-6.963926	0	
90	N147	-0.624374	0	-6.855673	0	
91	N148	-0.499374	0	-7.072179	0	
92	N149	-0.	0	-7.072179	0	
93	N150A	-0.	0	-1.991679	0	
94	N151A	-0.	0	-3.488679	0	
95	N153A	-2.498199	0	-3.944112	0	
96	N154A	-2.353573	0	-3.860612	0	
97	N155A	-2.437073	0	-3.715986	0	
98	N156A	-2.291073	0	-3.968866	0	
99	N157A	-2.437073	0	-3.257986	0	
100	N158	-2.437073	0	-3.488679	0	
101	N159	2.498201	0	-3.944109	0	
102	N160	2.353574	0	-3.860609	0	
103	N161	2.437074	-0.	-3.715983	0	
104	N162	2.291074	0.	-3.968862	0	
105	N163	2.437074	-0.	-3.257983	0	
106	N164	2.437074	0	-3.488679	0	
107	N165	-2.068935	0	-3.488679	0	
108	N166	-0.	.167	-7.072179	0	
109	N167	-2.068935	.167	-3.488679	0	
110	N168	2.068936	0	-3.488679	0	
111	N169	2.068936	.167	-3.488676	0	
112	N170	-0.4565	4	-7.480439	0	
113	N171	-6.7065	4	3.344879	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
114	N176A	-5.833	4	4.01056	0	
115	N177A	5.833	4	4.01056	0	
116	N179A	6.498	4	2.983746	0	
117	N180	0.665	4	-7.119306	0	
118	N182	-0.665	4	-7.119306	0	
119	N183	-6.498	4	2.983746	0	
120	N188	-0.	0	-5.742179	0	
121	N189	-0.	-2.5	-1.991679	0	
122	N195	-5.333333	4.666667	4.38556	0	
123	N196	-5.333333	-3.333333	4.38556	0	
124	N197	-1.583333	4.666667	4.38556	0	
125	N198	-1.583333	-3.333333	4.38556	0	
126	N199	1.583317	4.666667	4.38556	0	
127	N200	1.583317	-3.333333	4.38556	0	
128	N201	5.333333	4.666667	4.38556	0	
129	N202	5.333333	-3.333333	4.38556	0	
130	N203	-0.	-2.5	-2.241679	0	
131	N204	-0.	-.25	-5.742179	0	
132	N185	-1.941351	-2.5	1.12084	0	
133	N186	-4.972873	0	2.87109	0	
134	N205	-1.724845	-2.5	0.99584	0	
135	N206	-4.972873	-.25	2.87109	0	
136	N207	1.941351	-2.5	1.120839	0	
137	N208	4.972873	0	2.87109	0	
138	N209	1.724845	-2.5	0.995839	0	
139	N210	4.972873	-.25	2.87109	0	
140	N172	6.464673	4.666667	2.426022	0	
141	N173	3.006348	-3.333333	-3.563972	0	
142	N174	1.13134	0	-6.811582	0	
143	N175	4.589673	0	-0.821573	0	
144	N176	3.006348	4	-3.563972	0	
145	N177	3.006348	4.666667	-3.563972	0	
146	N178	6.464673	-3.333333	2.426022	0	
147	N179	4.373167	0	-0.696573	0	
148	N181	4.589673	4	-0.821573	0	
149	N184	4.373167	4	-0.696573	0	
150	N187	4.589673	4.666667	-0.821573	0	
151	N190	4.589673	-3.333333	-0.821573	0	
152	N191	3.006348	0	-3.563972	0	
153	N192	2.789842	0	-3.438972	0	
154	N193	2.789842	4	-3.438972	0	
155	N194	0.914833	0	-6.686582	0	
156	N212	1.13134	4	-6.811582	0	
157	N213	0.914833	4	-6.686582	0	
158	N214	1.13134	4.666667	-6.811582	0	
159	N215	1.13134	-3.333333	-6.811582	0	
160	N216	6.464673	0	2.426022	0	
161	N217	6.248167	0	2.551022	0	
162	N218	6.464673	4	2.426022	0	
163	N219	6.248167	4	2.551022	0	
164	N220	-1.13134	4.666667	-6.811582	0	
165	N221	-4.589665	-3.333333	-0.821588	0	
166	N222	-6.464673	0	2.426022	0	
167	N223	-3.00634	0	-3.563987	0	
168	N224	-4.589665	4	-0.821588	0	
169	N225	-4.589665	4.666667	-0.821588	0	
170	N226	-1.13134	-3.333333	-6.811582	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
171	N227	-2.789833	0	-3.438987	0	
172	N228	-3.00634	4	-3.563987	0	
173	N229	-2.789833	4	-3.438987	0	
174	N230	-3.00634	4.666667	-3.563987	0	
175	N231	-3.00634	-3.333333	-3.563987	0	
176	N232	-4.589665	0	-0.821588	0	
177	N233	-4.373158	0	-0.696588	0	
178	N234	-4.373158	4	-0.696588	0	
179	N235	-6.248167	0	2.551022	0	
180	N236	-6.464673	4	2.426022	0	
181	N237	-6.248167	4	2.551022	0	
182	N238	-6.464673	4.666667	2.426022	0	
183	N239	-6.464673	-3.333333	2.426022	0	
184	N240	-1.13134	0	-6.811582	0	
185	N241	-0.914833	0	-6.686582	0	
186	N242	-1.13134	4	-6.811582	0	
187	N243	-0.914833	4	-6.686582	0	
188	N188A	-5.833	4	4.13556	0	
189	N189A	5.833	4	4.13556	0	
190	N190A	6.389747	4	3.046246	0	
191	N191A	0.556747	4	-7.056806	0	
192	N194A	-0.556747	4	-7.056806	0	
193	N195A	-6.389747	4	3.046246	0	

Hot Rolled Steel Section Sets

	Label	Shape	Type	Design List	Material	Design Rul...	A [in2]	Iyy [in4]	Izz [in4]	J [in4]
1	Standoff Horizontal	HSS4X4X4	Beam	None	A500 Gr.B ...	Typical	3.37	7.8	7.8	12.8
2	Corner Plates	PL1/2x6	Beam	None	A36 Gr.36	Typical	3	.063	9	.237
3	Face Horizontal	PIPE_3.0	Beam	None	A53 Gr.B	Typical	2.07	2.85	2.85	5.69
4	Support Rail	PIPE_2.0	Beam	None	A53 Gr.B	Typical	1.02	.627	.627	1.25
5	Mount Pipe	PIPE_2.0	Column	None	A53 Gr.B	Typical	1.02	.627	.627	1.25
6	Grating Angle	L2x2x3	Beam	None	A36 Gr.36	Typical	.722	.271	.271	.009
7	Standoff Cross Horizontal	HSS4X4X4	Beam	None	A500 Gr.B ...	Typical	3.37	7.8	7.8	12.8
8	Support Rail Angle	L2.5x2.5x3	Beam	None	A36 Gr.36	Typical	.901	.535	.535	.011
9	Kicker Kit	LL2.5x2.5x...	VBrace	None	A36 Gr.36	Typical	1.8	2.46	1.07	.023

Hot Rolled Steel Properties

	Label	E [ksi]	G [ksi]	Nu	Therm (\1E...	Density[k/ft...	Yield[ksi]	Ry	Fu[ksi]	Rt
1	A992	29000	11154	.3	.65	.49	50	1.1	65	1.1
2	A36 Gr.36	29000	11154	.3	.65	.49	36	1.5	58	1.2
3	A572 Gr.50	29000	11154	.3	.65	.49	50	1.1	65	1.1
4	A500 Gr.B RND	29000	11154	.3	.65	.527	42	1.4	58	1.3
5	A500 Gr.B Rect	29000	11154	.3	.65	.527	46	1.4	58	1.3
6	A53 Gr.B	29000	11154	.3	.65	.49	35	1.6	60	1.2
7	A1085	29000	11154	.3	.65	.49	50	1.25	65	1.15
8	A913 Gr.65	29000	11154	.3	.65	.49	65	1.1	80	1.1

Member Primary Data

	Label	I Joint	J Joint	K Joint	Rotate(d...	Section/Sha...	Type	Design List	Material	Design Rules
1	M1	N1	N2			Face Horizo...	Beam	None	A53 Gr.B	Typical
2	M8	N20	N19			RIGID	None	None	RIGID	Typical
3	M10	N23	N22B			RIGID	None	None	RIGID	Typical

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(d...	Section/Sha...	Type	Design List	Material	Design Rules
4	M12	N27	N26			RIGID	None	None	RIGID	Typical
5	M14	N31	N30			RIGID	None	None	RIGID	Typical
6	M40	N78	N77			RIGID	None	None	RIGID	Typical
7	M41	N79	N80			Corner Plates	Beam	None	A36 Gr.36	Typical
8	M42	N83	N82			RIGID	None	None	RIGID	Typical
9	M43	N84	N85			Corner Plates	Beam	None	A36 Gr.36	Typical
10	M44	N85	N79			Corner Plates	Beam	None	A36 Gr.36	Typical
11	M45A	N86	N87			Standoff Ho...	Beam	None	A500 Gr.B Rect	Typical
12	M46A	N88	N96			Standoff Cr...	Beam	None	A500 Gr.B Rect	Typical
13	M47A	N88	N102			Standoff Cr...	Beam	None	A500 Gr.B Rect	Typical
14	M48	N92	N91			RIGID	None	None	RIGID	Typical
15	M49	N93	N94			Corner Plates	Beam	None	A36 Gr.36	Typical
16	M50	N93	N95			Corner Plates	Beam	None	A36 Gr.36	Typical
17	M51	N98	N97			RIGID	None	None	RIGID	Typical
18	M52	N99	N100			Corner Plates	Beam	None	A36 Gr.36	Typical
19	M53	N99	N101			Corner Plates	Beam	None	A36 Gr.36	Typical
20	M56	N104A	N106		270	Grating Angle	Beam	None	A36 Gr.36	Typical
21	M56A	N104A	N86			RIGID	None	None	RIGID	Typical
22	M57A	N106	N104			RIGID	None	None	RIGID	Typical
23	M67	N104A	N123			Grating Angle	Beam	None	A36 Gr.36	Typical
24	M70	N123	N119			RIGID	None	None	RIGID	Typical
25	M88	N148A	N149A			Support Rail	Beam	None	A53 Gr.B	Typical
26	M89	N151	N150			RIGID	None	None	RIGID	Typical
27	M90	N153	N152			RIGID	None	None	RIGID	Typical
28	M91	N155	N154			RIGID	None	None	RIGID	Typical
29	M92	N157	N156			RIGID	None	None	RIGID	Typical
30	M34	N61	N62			Face Horizo...	Beam	None	A53 Gr.B	Typical
31	M43A	N82A	N81			RIGID	None	None	RIGID	Typical
32	M44A	N83A	N84A			Corner Plates	Beam	None	A36 Gr.36	Typical
33	M45	N86A	N85A			RIGID	None	None	RIGID	Typical
34	M46	N87A	N88A			Corner Plates	Beam	None	A36 Gr.36	Typical
35	M47	N88A	N83A			Corner Plates	Beam	None	A36 Gr.36	Typical
36	M48A	N89A	N90			Standoff Ho...	Beam	None	A500 Gr.B Rect	Typical
37	M49A	N91A	N98A			Standoff Cr...	Beam	None	A500 Gr.B Rect	Typical
38	M50A	N91A	N104B			Standoff Cr...	Beam	None	A500 Gr.B Rect	Typical
39	M51A	N94A	N93A			RIGID	None	None	RIGID	Typical
40	M52A	N95A	N96A			Corner Plates	Beam	None	A36 Gr.36	Typical
41	M53A	N95A	N97A			Corner Plates	Beam	None	A36 Gr.36	Typical
42	M54	N100A	N99A			RIGID	None	None	RIGID	Typical
43	M55	N101A	N102A			Corner Plates	Beam	None	A36 Gr.36	Typical
44	M56B	N101A	N103			Corner Plates	Beam	None	A36 Gr.36	Typical
45	M57	N106A	N107		270	Grating Angle	Beam	None	A36 Gr.36	Typical
46	M58	N106A	N89A		240	RIGID	None	None	RIGID	Typical
47	M59	N107	N105		240	RIGID	None	None	RIGID	Typical
48	M60	N106A	N109			Grating Angle	Beam	None	A36 Gr.36	Typical
49	M61	N109	N108		240	RIGID	None	None	RIGID	Typical
50	M62	N110	N111			Support Rail	Beam	None	A53 Gr.B	Typical
51	M67A	N121	N122			Face Horizo...	Beam	None	A53 Gr.B	Typical
52	M76	N142	N141			RIGID	None	None	RIGID	Typical
53	M77	N143	N144			Corner Plates	Beam	None	A36 Gr.36	Typical
54	M78	N146	N145			RIGID	None	None	RIGID	Typical
55	M79	N147	N148			Corner Plates	Beam	None	A36 Gr.36	Typical
56	M80	N148	N143			Corner Plates	Beam	None	A36 Gr.36	Typical
57	M81	N149	N150A			Standoff Ho...	Beam	None	A500 Gr.B Rect	Typical
58	M82	N151A	N158			Standoff Cr...	Beam	None	A500 Gr.B Rect	Typical
59	M83	N151A	N164			Standoff Cr...	Beam	None	A500 Gr.B Rect	Typical
60	M84	N154A	N153A			RIGID	None	None	RIGID	Typical

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(d...	Section/Sha...	Type	Design List	Material	Design Rules
61	M85	N155A	N156A			Corner Plates	Beam	None	A36 Gr.36	Typical
62	M86	N155A	N157A			Corner Plates	Beam	None	A36 Gr.36	Typical
63	M87	N160	N159			RIGID	None	None	RIGID	Typical
64	M88A	N161	N162			Corner Plates	Beam	None	A36 Gr.36	Typical
65	M89A	N161	N163			Corner Plates	Beam	None	A36 Gr.36	Typical
66	M90A	N166	N167		270	Grating Angle	Beam	None	A36 Gr.36	Typical
67	M91A	N166	N149		120	RIGID	None	None	RIGID	Typical
68	M92A	N167	N165		120	RIGID	None	None	RIGID	Typical
69	M93	N166	N169			Grating Angle	Beam	None	A36 Gr.36	Typical
70	M94	N169	N168		120	RIGID	None	None	RIGID	Typical
71	M95	N170	N171			Support Rail	Beam	None	A53 Gr.B	Typical
72	M100	N195A	N176A		90	Support Rail...	Beam	None	A36 Gr.36	Typical
73	M101	N177A	N190A		90	Support Rail...	Beam	None	A36 Gr.36	Typical
74	M102	N191A	N194A		90	Support Rail...	Beam	None	A36 Gr.36	Typical
75	MP4A	N195	N196		240	Mount Pipe	Column	None	A53 Gr.B	Typical
76	MP3A	N197	N198		240	Mount Pipe	Column	None	A53 Gr.B	Typical
77	MP2A	N199	N200		240	Mount Pipe	Column	None	A53 Gr.B	Typical
78	MP1A	N201	N202		240	Mount Pipe	Column	None	A53 Gr.B	Typical
79	M106	N204	N203			Kicker Kit	VBrace	None	A36 Gr.36	Typical
80	M107	N188	N204			RIGID	None	None	RIGID	Typical
81	M108	N203	N189			RIGID	None	None	RIGID	Typical
82	M109	N185	N205			RIGID	None	None	RIGID	Typical
83	M110	N186	N206			RIGID	None	None	RIGID	Typical
84	M111	N206	N185			Kicker Kit	VBrace	None	A36 Gr.36	Typical
85	M112	N207	N209			RIGID	None	None	RIGID	Typical
86	M113	N208	N210			RIGID	None	None	RIGID	Typical
87	M114	N210	N207			Kicker Kit	VBrace	None	A36 Gr.36	Typical
88	M96	N176	N193			RIGID	None	None	RIGID	Typical
89	M97	N175	N179			RIGID	None	None	RIGID	Typical
90	M98	N181	N184			RIGID	None	None	RIGID	Typical
91	MP3C	N187	N190		240	Mount Pipe	Column	None	A53 Gr.B	Typical
92	M103	N191	N192			RIGID	None	None	RIGID	Typical
93	MP2C	N177	N173		240	Mount Pipe	Column	None	A53 Gr.B	Typical
94	M105	N174	N194			RIGID	None	None	RIGID	Typical
95	M116	N212	N213			RIGID	None	None	RIGID	Typical
96	MP1C	N214	N215		240	Mount Pipe	Column	None	A53 Gr.B	Typical
97	M118	N216	N217			RIGID	None	None	RIGID	Typical
98	M119	N218	N219			RIGID	None	None	RIGID	Typical
99	MP4C	N172	N178		240	Mount Pipe	Column	None	A53 Gr.B	Typical
100	M121	N224	N234			RIGID	None	None	RIGID	Typical
101	M122	N223	N227			RIGID	None	None	RIGID	Typical
102	M123	N228	N229			RIGID	None	None	RIGID	Typical
103	MP3B	N230	N231		240	Mount Pipe	Column	None	A53 Gr.B	Typical
104	M125	N232	N233			RIGID	None	None	RIGID	Typical
105	MP2B	N225	N221		240	Mount Pipe	Column	None	A53 Gr.B	Typical
106	M127	N222	N235			RIGID	None	None	RIGID	Typical
107	M128	N236	N237			RIGID	None	None	RIGID	Typical
108	MP1B	N238	N239		240	Mount Pipe	Column	None	A53 Gr.B	Typical
109	M130	N240	N241			RIGID	None	None	RIGID	Typical
110	M131	N242	N243			RIGID	None	None	RIGID	Typical
111	MP4B	N220	N226		240	Mount Pipe	Column	None	A53 Gr.B	Typical
112	M112A	N189A	N177A			RIGID	None	None	RIGID	Typical
113	M113A	N188A	N176A			RIGID	None	None	RIGID	Typical
114	M114A	N180	N191A			RIGID	None	None	RIGID	Typical
115	M115	N179A	N190A			RIGID	None	None	RIGID	Typical
116	M116A	N183	N195A			RIGID	None	None	RIGID	Typical
117	M117	N182	N194A			RIGID	None	None	RIGID	Typical

Member Advanced Data

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
1	M1						Yes				None
2	M8						Yes	** NA **			None
3	M10						Yes	** NA **			None
4	M12						Yes	** NA **			None
5	M14						Yes	** NA **			None
6	M40		BenPIN				Yes	** NA **			None
7	M41						Yes	Default			None
8	M42		BenPIN				Yes	** NA **			None
9	M43						Yes				None
10	M44						Yes				None
11	M45A						Yes				None
12	M46A						Yes	Default			None
13	M47A						Yes				None
14	M48		BenPIN				Yes	** NA **			None
15	M49						Yes				None
16	M50						Yes				None
17	M51		BenPIN				Yes	** NA **			None
18	M52						Yes				None
19	M53						Yes				None
20	M56						Yes				None
21	M56A						Yes	** NA **			None
22	M57A						Yes	** NA **			None
23	M67						Yes				None
24	M70						Yes	** NA **			None
25	M88						Yes				None
26	M89						Yes	** NA **			None
27	M90						Yes	** NA **			None
28	M91						Yes	** NA **			None
29	M92						Yes	** NA **			None
30	M34						Yes				None
31	M43A		BenPIN				Yes	** NA **			None
32	M44A						Yes				None
33	M45		BenPIN				Yes	** NA **			None
34	M46						Yes				None
35	M47						Yes				None
36	M48A						Yes				None
37	M49A						Yes	Default			None
38	M50A						Yes				None
39	M51A		BenPIN				Yes	** NA **			None
40	M52A						Yes				None
41	M53A						Yes				None
42	M54		BenPIN				Yes	** NA **			None
43	M55						Yes				None
44	M56B						Yes				None
45	M57						Yes				None
46	M58						Yes	** NA **			None
47	M59						Yes	** NA **			None
48	M60						Yes				None
49	M61						Yes	** NA **			None
50	M62						Yes				None
51	M67A						Yes				None
52	M76		BenPIN				Yes	** NA **			None
53	M77						Yes				None
54	M78		BenPIN				Yes	** NA **			None
55	M79						Yes				None
56	M80						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...
57	M81						Yes				None
58	M82						Yes	Default			None
59	M83						Yes				None
60	M84		BenPIN				Yes	** NA **			None
61	M85						Yes				None
62	M86						Yes				None
63	M87		BenPIN				Yes	** NA **			None
64	M88A						Yes				None
65	M89A						Yes				None
66	M90A						Yes				None
67	M91A						Yes	** NA **			None
68	M92A						Yes	** NA **			None
69	M93						Yes				None
70	M94						Yes	** NA **			None
71	M95						Yes				None
72	M100						Yes				None
73	M101						Yes				None
74	M102						Yes				None
75	MP4A						Yes	** NA **			None
76	MP3A						Yes	** NA **			None
77	MP2A						Yes	** NA **			None
78	MP1A						Yes	** NA **			None
79	M106	BenPIN	BenPIN				Yes	** NA **			None
80	M107						Yes	** NA **			None
81	M108						Yes	** NA **			None
82	M109						Yes	** NA **			None
83	M110						Yes	** NA **			None
84	M111	BenPIN	BenPIN				Yes	** NA **			None
85	M112						Yes	** NA **			None
86	M113						Yes	** NA **			None
87	M114	BenPIN	BenPIN				Yes	** NA **			None
88	M96						Yes	** NA **			None
89	M97						Yes	** NA **			None
90	M98						Yes	** NA **			None
91	MP3C						Yes	** NA **			None
92	M103						Yes	** NA **			None
93	MP2C						Yes	** NA **			None
94	M105						Yes	** NA **			None
95	M116						Yes	** NA **			None
96	MP1C						Yes	** NA **			None
97	M118						Yes	** NA **			None
98	M119						Yes	** NA **			None
99	MP4C						Yes	** NA **			None
100	M121						Yes	** NA **			None
101	M122						Yes	** NA **			None
102	M123						Yes	** NA **			None
103	MP3B						Yes	** NA **			None
104	M125						Yes	** NA **			None
105	MP2B						Yes	** NA **			None
106	M127						Yes	** NA **			None
107	M128						Yes	** NA **			None
108	MP1B						Yes	** NA **			None
109	M130						Yes	** NA **			None
110	M131						Yes	** NA **			None
111	MP4B						Yes	** NA **			None
112	M112A	OOOOOX					Yes	** NA **			None
113	M113A	OOOOOX					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...
114	M114A	OOOOOX					Yes	** NA **			None
115	M115	OOOOOX					Yes	** NA **			None
116	M116A	OOOOOX					Yes	** NA **			None
117	M117	OOOOOX					Yes	** NA **			None

Member Point Loads (BLC 1 : Antenna D)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	Y	-32.3	1
2	MP2A	My	-.027	1
3	MP2A	Mz	-.022	1
4	MP2A	Y	-32.3	5.4
5	MP2A	My	-.027	5.4
6	MP2A	Mz	-.022	5.4
7	MP2B	Y	-32.3	1
8	MP2B	My	.032	1
9	MP2B	Mz	-.013	1
10	MP2B	Y	-32.3	5.4
11	MP2B	My	.032	5.4
12	MP2B	Mz	-.013	5.4
13	MP2C	Y	-32.3	1
14	MP2C	My	-.011	1
15	MP2C	Mz	.033	1
16	MP2C	Y	-32.3	5.4
17	MP2C	My	-.011	5.4
18	MP2C	Mz	.033	5.4
19	MP2A	Y	-32.3	1
20	MP2A	My	-.027	1
21	MP2A	Mz	.022	1
22	MP2A	Y	-32.3	5.4
23	MP2A	My	-.027	5.4
24	MP2A	Mz	.022	5.4
25	MP2B	Y	-32.3	1
26	MP2B	My	-.005	1
27	MP2B	Mz	-.034	1
28	MP2B	Y	-32.3	5.4
29	MP2B	My	-.005	5.4
30	MP2B	Mz	-.034	5.4
31	MP2C	Y	-32.3	1
32	MP2C	My	.029	1
33	MP2C	Mz	.018	1
34	MP2C	Y	-32.3	5.4
35	MP2C	My	.029	5.4
36	MP2C	Mz	.018	5.4
37	MP3A	Y	-43.55	2.2
38	MP3A	My	-.036	2.2
39	MP3A	Mz	0	2.2
40	MP3A	Y	-43.55	4.2
41	MP3A	My	-.036	4.2
42	MP3A	Mz	0	4.2
43	MP3B	Y	-43.55	2.2
44	MP3B	My	.018	2.2
45	MP3B	Mz	-.031	2.2
46	MP3B	Y	-43.55	4.2
47	MP3B	My	.018	4.2
48	MP3B	Mz	-.031	4.2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
49	MP3C	Y	-43.55	2.2
50	MP3C	My	.012	2.2
51	MP3C	Mz	.034	2.2
52	MP3C	Y	-43.55	4.2
53	MP3C	My	.012	4.2
54	MP3C	Mz	.034	4.2
55	MP3A	Y	-18.7	3.2
56	MP3A	My	.012	3.2
57	MP3A	Mz	0	3.2
58	MP3B	Y	-18.7	3.2
59	MP3B	My	-.006	3.2
60	MP3B	Mz	.011	3.2
61	MP3C	Y	-18.7	3.2
62	MP3C	My	-.004	3.2
63	MP3C	Mz	-.012	3.2
64	MP2A	Y	-84.4	3.75
65	MP2A	My	.056	3.75
66	MP2A	Mz	0	3.75
67	MP2B	Y	-84.4	3.75
68	MP2B	My	-.028	3.75
69	MP2B	Mz	.049	3.75
70	MP2C	Y	-84.4	3.75
71	MP2C	My	-.019	3.75
72	MP2C	Mz	-.053	3.75
73	MP2A	Y	-70.3	2
74	MP2A	My	.047	2
75	MP2A	Mz	0	2
76	MP2B	Y	-70.3	2
77	MP2B	My	-.023	2
78	MP2B	Mz	.041	2
79	MP2C	Y	-70.3	2
80	MP2C	My	-.016	2
81	MP2C	Mz	-.044	2
82	MP2B	Y	-8.8	6
83	MP2B	My	-.002	6
84	MP2B	Mz	.009	6
85	MP2B	Y	-8.8	7
86	MP2B	My	-.002	7
87	MP2B	Mz	.009	7
88	MP2B	Y	-8.8	6
89	MP2B	My	-.007	6
90	MP2B	Mz	.006	6
91	MP2B	Y	-8.8	7
92	MP2B	My	-.007	7
93	MP2B	Mz	.006	7

Member Point Loads (BLC 2 : Antenna Di)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	Y	-91.078	1
2	MP2A	My	-.076	1
3	MP2A	Mz	-.061	1
4	MP2A	Y	-91.078	5.4
5	MP2A	My	-.076	5.4
6	MP2A	Mz	-.061	5.4
7	MP2B	Y	-91.078	1
8	MP2B	My	.091	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
9	MP2B	Mz	-.035	1
10	MP2B	Y	-91.078	5.4
11	MP2B	My	.091	5.4
12	MP2B	Mz	-.035	5.4
13	MP2C	Y	-91.078	1
14	MP2C	My	-.031	1
15	MP2C	Mz	.092	1
16	MP2C	Y	-91.078	5.4
17	MP2C	My	-.031	5.4
18	MP2C	Mz	.092	5.4
19	MP2A	Y	-91.078	1
20	MP2A	My	-.076	1
21	MP2A	Mz	.061	1
22	MP2A	Y	-91.078	5.4
23	MP2A	My	-.076	5.4
24	MP2A	Mz	.061	5.4
25	MP2B	Y	-91.078	1
26	MP2B	My	-.015	1
27	MP2B	Mz	-.096	1
28	MP2B	Y	-91.078	5.4
29	MP2B	My	-.015	5.4
30	MP2B	Mz	-.096	5.4
31	MP2C	Y	-91.078	1
32	MP2C	My	.083	1
33	MP2C	Mz	.051	1
34	MP2C	Y	-91.078	5.4
35	MP2C	My	.083	5.4
36	MP2C	Mz	.051	5.4
37	MP3A	Y	-53.733	2.2
38	MP3A	My	-.045	2.2
39	MP3A	Mz	0	2.2
40	MP3A	Y	-53.733	4.2
41	MP3A	My	-.045	4.2
42	MP3A	Mz	0	4.2
43	MP3B	Y	-53.733	2.2
44	MP3B	My	.022	2.2
45	MP3B	Mz	-.039	2.2
46	MP3B	Y	-53.733	4.2
47	MP3B	My	.022	4.2
48	MP3B	Mz	-.039	4.2
49	MP3C	Y	-53.733	2.2
50	MP3C	My	.015	2.2
51	MP3C	Mz	.042	2.2
52	MP3C	Y	-53.733	4.2
53	MP3C	My	.015	4.2
54	MP3C	Mz	.042	4.2
55	MP3A	Y	-31.089	3.2
56	MP3A	My	.021	3.2
57	MP3A	Mz	0	3.2
58	MP3B	Y	-31.089	3.2
59	MP3B	My	-.01	3.2
60	MP3B	Mz	.018	3.2
61	MP3C	Y	-31.089	3.2
62	MP3C	My	-.007	3.2
63	MP3C	Mz	-.019	3.2
64	MP2A	Y	-68.224	3.75
65	MP2A	My	.045	3.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
66	MP2A	Mz	0	3.75
67	MP2B	Y	-68.224	3.75
68	MP2B	My	-.023	3.75
69	MP2B	Mz	.039	3.75
70	MP2C	Y	-68.224	3.75
71	MP2C	My	-.016	3.75
72	MP2C	Mz	-.043	3.75
73	MP2A	Y	-61.568	2
74	MP2A	My	.041	2
75	MP2A	Mz	0	2
76	MP2B	Y	-61.568	2
77	MP2B	My	-.021	2
78	MP2B	Mz	.036	2
79	MP2C	Y	-61.568	2
80	MP2C	My	-.014	2
81	MP2C	Mz	-.039	2
82	MP2B	Y	3.3	6
83	MP2B	My	.000697	6
84	MP2B	Mz	-.003	6
85	MP2B	Y	3.3	7
86	MP2B	My	.000697	7
87	MP2B	Mz	-.003	7
88	MP2B	Y	3.3	6
89	MP2B	My	.003	6
90	MP2B	Mz	-.002	6
91	MP2B	Y	3.3	7
92	MP2B	My	.003	7
93	MP2B	Mz	-.002	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	1
2	MP2A	Z	-155.323	1
3	MP2A	Mx	.104	1
4	MP2A	X	0	5.4
5	MP2A	Z	-155.323	5.4
6	MP2A	Mx	.104	5.4
7	MP2B	X	0	1
8	MP2B	Z	-116.131	1
9	MP2B	Mx	.045	1
10	MP2B	X	0	5.4
11	MP2B	Z	-116.131	5.4
12	MP2B	Mx	.045	5.4
13	MP2C	X	0	1
14	MP2C	Z	-109.179	1
15	MP2C	Mx	-.11	1
16	MP2C	X	0	5.4
17	MP2C	Z	-109.179	5.4
18	MP2C	Mx	-.11	5.4
19	MP2A	X	0	1
20	MP2A	Z	-155.323	1
21	MP2A	Mx	-.104	1
22	MP2A	X	0	5.4
23	MP2A	Z	-155.323	5.4
24	MP2A	Mx	-.104	5.4
25	MP2B	X	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
26	MP2B	Z	-116.131	1
27	MP2B	Mx	.123	1
28	MP2B	X	0	5.4
29	MP2B	Z	-116.131	5.4
30	MP2B	Mx	.123	5.4
31	MP2C	X	0	1
32	MP2C	Z	-109.179	1
33	MP2C	Mx	-.061	1
34	MP2C	X	0	5.4
35	MP2C	Z	-109.179	5.4
36	MP2C	Mx	-.061	5.4
37	MP3A	X	0	2.2
38	MP3A	Z	-75.636	2.2
39	MP3A	Mx	0	2.2
40	MP3A	X	0	4.2
41	MP3A	Z	-75.636	4.2
42	MP3A	Mx	0	4.2
43	MP3B	X	0	2.2
44	MP3B	Z	-38.445	2.2
45	MP3B	Mx	.028	2.2
46	MP3B	X	0	4.2
47	MP3B	Z	-38.445	4.2
48	MP3B	Mx	.028	4.2
49	MP3C	X	0	2.2
50	MP3C	Z	-31.849	2.2
51	MP3C	Mx	-.025	2.2
52	MP3C	X	0	4.2
53	MP3C	Z	-31.849	4.2
54	MP3C	Mx	-.025	4.2
55	MP3A	X	0	3.2
56	MP3A	Z	-27.784	3.2
57	MP3A	Mx	0	3.2
58	MP3B	X	0	3.2
59	MP3B	Z	-16.786	3.2
60	MP3B	Mx	-.01	3.2
61	MP3C	X	0	3.2
62	MP3C	Z	-14.836	3.2
63	MP3C	Mx	.009	3.2
64	MP2A	X	0	3.75
65	MP2A	Z	-59.814	3.75
66	MP2A	Mx	0	3.75
67	MP2B	X	0	3.75
68	MP2B	Z	-45.053	3.75
69	MP2B	Mx	-.026	3.75
70	MP2C	X	0	3.75
71	MP2C	Z	-42.435	3.75
72	MP2C	Mx	.027	3.75
73	MP2A	X	0	2
74	MP2A	Z	-59.814	2
75	MP2A	Mx	0	2
76	MP2B	X	0	2
77	MP2B	Z	-39.554	2
78	MP2B	Mx	-.023	2
79	MP2C	X	0	2
80	MP2C	Z	-35.961	2
81	MP2C	Mx	.023	2
82	MP2B	X	0	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
83	MP2B	Z	-18.564	6
84	MP2B	Mx	-.019	6
85	MP2B	X	0	7
86	MP2B	Z	-18.564	7
87	MP2B	Mx	-.019	7
88	MP2B	X	0	6
89	MP2B	Z	-18.564	6
90	MP2B	Mx	-.013	6
91	MP2B	X	0	7
92	MP2B	Z	-18.564	7
93	MP2B	Mx	-.013	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	71.129	1
2	MP2A	Z	-123.2	1
3	MP2A	Mx	.023	1
4	MP2A	X	71.129	5.4
5	MP2A	Z	-123.2	5.4
6	MP2A	Mx	.023	5.4
7	MP2B	X	51.533	1
8	MP2B	Z	-89.258	1
9	MP2B	Mx	.086	1
10	MP2B	X	51.533	5.4
11	MP2B	Z	-89.258	5.4
12	MP2B	Mx	.086	5.4
13	MP2C	X	66.866	1
14	MP2C	Z	-115.815	1
15	MP2C	Mx	-.14	1
16	MP2C	X	66.866	5.4
17	MP2C	Z	-115.815	5.4
18	MP2C	Mx	-.14	5.4
19	MP2A	X	71.129	1
20	MP2A	Z	-123.2	1
21	MP2A	Mx	-.141	1
22	MP2A	X	71.129	5.4
23	MP2A	Z	-123.2	5.4
24	MP2A	Mx	-.141	5.4
25	MP2B	X	51.533	1
26	MP2B	Z	-89.258	1
27	MP2B	Mx	.086	1
28	MP2B	X	51.533	5.4
29	MP2B	Z	-89.258	5.4
30	MP2B	Mx	.086	5.4
31	MP2C	X	66.866	1
32	MP2C	Z	-115.815	1
33	MP2C	Mx	-.003	1
34	MP2C	X	66.866	5.4
35	MP2C	Z	-115.815	5.4
36	MP2C	Mx	-.003	5.4
37	MP3A	X	31.619	2.2
38	MP3A	Z	-54.766	2.2
39	MP3A	Mx	-.026	2.2
40	MP3A	X	31.619	4.2
41	MP3A	Z	-54.766	4.2
42	MP3A	Mx	-.026	4.2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
43	MP3B	X	13.024	2.2
44	MP3B	Z	-22.558	2.2
45	MP3B	Mx	.022	2.2
46	MP3B	X	13.024	4.2
47	MP3B	Z	-22.558	4.2
48	MP3B	Mx	.022	4.2
49	MP3C	X	27.574	2.2
50	MP3C	Z	-47.759	2.2
51	MP3C	Mx	-.03	2.2
52	MP3C	X	27.574	4.2
53	MP3C	Z	-47.759	4.2
54	MP3C	Mx	-.03	4.2
55	MP3A	X	12.059	3.2
56	MP3A	Z	-20.887	3.2
57	MP3A	Mx	.008	3.2
58	MP3B	X	6.56	3.2
59	MP3B	Z	-11.363	3.2
60	MP3B	Mx	-.009	3.2
61	MP3C	X	10.863	3.2
62	MP3C	Z	-18.815	3.2
63	MP3C	Mx	.009	3.2
64	MP2A	X	27.447	3.75
65	MP2A	Z	-47.539	3.75
66	MP2A	Mx	.018	3.75
67	MP2B	X	20.067	3.75
68	MP2B	Z	-34.756	3.75
69	MP2B	Mx	-.027	3.75
70	MP2C	X	25.841	3.75
71	MP2C	Z	-44.758	3.75
72	MP2C	Mx	.022	3.75
73	MP2A	X	26.53	2
74	MP2A	Z	-45.952	2
75	MP2A	Mx	.018	2
76	MP2B	X	16.401	2
77	MP2B	Z	-28.407	2
78	MP2B	Mx	-.022	2
79	MP2C	X	24.326	2
80	MP2C	Z	-42.135	2
81	MP2C	Mx	.021	2
82	MP2B	X	9.289	6
83	MP2B	Z	-16.089	6
84	MP2B	Mx	-.019	6
85	MP2B	X	9.289	7
86	MP2B	Z	-16.089	7
87	MP2B	Mx	-.019	7
88	MP2B	X	9.289	6
89	MP2B	Z	-16.089	6
90	MP2B	Mx	-.019	6
91	MP2B	X	9.289	7
92	MP2B	Z	-16.089	7
93	MP2B	Mx	-.019	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	100.572	1
2	MP2A	Z	-58.065	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
3	MP2A	Mx	-.045	1
4	MP2A	X	100.572	5.4
5	MP2A	Z	-58.065	5.4
6	MP2A	Mx	-.045	5.4
7	MP2B	X	100.572	1
8	MP2B	Z	-58.065	1
9	MP2B	Mx	.123	1
10	MP2B	X	100.572	5.4
11	MP2B	Z	-58.065	5.4
12	MP2B	Mx	.123	5.4
13	MP2C	X	133.149	1
14	MP2C	Z	-76.874	1
15	MP2C	Mx	-.123	1
16	MP2C	X	133.149	5.4
17	MP2C	Z	-76.874	5.4
18	MP2C	Mx	-.123	5.4
19	MP2A	X	100.572	1
20	MP2A	Z	-58.065	1
21	MP2A	Mx	-.123	1
22	MP2A	X	100.572	5.4
23	MP2A	Z	-58.065	5.4
24	MP2A	Mx	-.123	5.4
25	MP2B	X	100.572	1
26	MP2B	Z	-58.065	1
27	MP2B	Mx	.045	1
28	MP2B	X	100.572	5.4
29	MP2B	Z	-58.065	5.4
30	MP2B	Mx	.045	5.4
31	MP2C	X	133.149	1
32	MP2C	Z	-76.874	1
33	MP2C	Mx	.079	1
34	MP2C	X	133.149	5.4
35	MP2C	Z	-76.874	5.4
36	MP2C	Mx	.079	5.4
37	MP3A	X	33.294	2.2
38	MP3A	Z	-19.222	2.2
39	MP3A	Mx	-.028	2.2
40	MP3A	X	33.294	4.2
41	MP3A	Z	-19.222	4.2
42	MP3A	Mx	-.028	4.2
43	MP3B	X	33.294	2.2
44	MP3B	Z	-19.222	2.2
45	MP3B	Mx	.028	2.2
46	MP3B	X	33.294	4.2
47	MP3B	Z	-19.222	4.2
48	MP3B	Mx	.028	4.2
49	MP3C	X	64.207	2.2
50	MP3C	Z	-37.07	2.2
51	MP3C	Mx	-.011	2.2
52	MP3C	X	64.207	4.2
53	MP3C	Z	-37.07	4.2
54	MP3C	Mx	-.011	4.2
55	MP3A	X	14.538	3.2
56	MP3A	Z	-8.393	3.2
57	MP3A	Mx	.01	3.2
58	MP3B	X	14.538	3.2
59	MP3B	Z	-8.393	3.2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
60	MP3B	Mx	-.01	3.2
61	MP3C	X	23.679	3.2
62	MP3C	Z	-13.671	3.2
63	MP3C	Mx	.003	3.2
64	MP2A	X	39.017	3.75
65	MP2A	Z	-22.527	3.75
66	MP2A	Mx	.026	3.75
67	MP2B	X	39.017	3.75
68	MP2B	Z	-22.527	3.75
69	MP2B	Mx	-.026	3.75
70	MP2C	X	51.286	3.75
71	MP2C	Z	-29.61	3.75
72	MP2C	Mx	.007	3.75
73	MP2A	X	34.255	2
74	MP2A	Z	-19.777	2
75	MP2A	Mx	.023	2
76	MP2B	X	34.255	2
77	MP2B	Z	-19.777	2
78	MP2B	Mx	-.023	2
79	MP2C	X	51.095	2
80	MP2C	Z	-29.5	2
81	MP2C	Mx	.007	2
82	MP2B	X	16.077	6
83	MP2B	Z	-9.282	6
84	MP2B	Mx	-.013	6
85	MP2B	X	16.077	7
86	MP2B	Z	-9.282	7
87	MP2B	Mx	-.013	7
88	MP2B	X	16.077	6
89	MP2B	Z	-9.282	6
90	MP2B	Mx	-.019	6
91	MP2B	X	16.077	7
92	MP2B	Z	-9.282	7
93	MP2B	Mx	-.019	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	103.066	1
2	MP2A	Z	0	1
3	MP2A	Mx	-.086	1
4	MP2A	X	103.066	5.4
5	MP2A	Z	0	5.4
6	MP2A	Mx	-.086	5.4
7	MP2B	X	142.259	1
8	MP2B	Z	0	1
9	MP2B	Mx	.141	1
10	MP2B	X	142.259	5.4
11	MP2B	Z	0	5.4
12	MP2B	Mx	.141	5.4
13	MP2C	X	149.21	1
14	MP2C	Z	0	1
15	MP2C	Mx	-.051	1
16	MP2C	X	149.21	5.4
17	MP2C	Z	0	5.4
18	MP2C	Mx	-.051	5.4
19	MP2A	X	103.066	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
20	MP2A	Z	0	1
21	MP2A	Mx	-.086	1
22	MP2A	X	103.066	5.4
23	MP2A	Z	0	5.4
24	MP2A	Mx	-.086	5.4
25	MP2B	X	142.259	1
26	MP2B	Z	0	1
27	MP2B	Mx	-.023	1
28	MP2B	X	142.259	5.4
29	MP2B	Z	0	5.4
30	MP2B	Mx	-.023	5.4
31	MP2C	X	149.21	1
32	MP2C	Z	0	1
33	MP2C	Mx	.136	1
34	MP2C	X	149.21	5.4
35	MP2C	Z	0	5.4
36	MP2C	Mx	.136	5.4
37	MP3A	X	26.048	2.2
38	MP3A	Z	0	2.2
39	MP3A	Mx	-.022	2.2
40	MP3A	X	26.048	4.2
41	MP3A	Z	0	4.2
42	MP3A	Mx	-.022	4.2
43	MP3B	X	63.239	2.2
44	MP3B	Z	0	2.2
45	MP3B	Mx	.026	2.2
46	MP3B	X	63.239	4.2
47	MP3B	Z	0	4.2
48	MP3B	Mx	.026	4.2
49	MP3C	X	69.835	2.2
50	MP3C	Z	0	2.2
51	MP3C	Mx	.02	2.2
52	MP3C	X	69.835	4.2
53	MP3C	Z	0	4.2
54	MP3C	Mx	.02	4.2
55	MP3A	X	13.12	3.2
56	MP3A	Z	0	3.2
57	MP3A	Mx	.009	3.2
58	MP3B	X	24.118	3.2
59	MP3B	Z	0	3.2
60	MP3B	Mx	-.008	3.2
61	MP3C	X	26.069	3.2
62	MP3C	Z	0	3.2
63	MP3C	Mx	-.006	3.2
64	MP2A	X	40.133	3.75
65	MP2A	Z	0	3.75
66	MP2A	Mx	.027	3.75
67	MP2B	X	54.894	3.75
68	MP2B	Z	0	3.75
69	MP2B	Mx	-.018	3.75
70	MP2C	X	57.512	3.75
71	MP2C	Z	0	3.75
72	MP2C	Mx	-.013	3.75
73	MP2A	X	32.801	2
74	MP2A	Z	0	2
75	MP2A	Mx	.022	2
76	MP2B	X	53.061	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
77	MP2B	Z	0	2
78	MP2B	Mx	-.018	2
79	MP2C	X	56.654	2
80	MP2C	Z	0	2
81	MP2C	Mx	-.013	2
82	MP2B	X	18.537	6
83	MP2B	Z	0	6
84	MP2B	Mx	-.004	6
85	MP2B	X	18.537	7
86	MP2B	Z	0	7
87	MP2B	Mx	-.004	7
88	MP2B	X	18.537	6
89	MP2B	Z	0	6
90	MP2B	Mx	-.015	6
91	MP2B	X	18.537	7
92	MP2B	Z	0	7
93	MP2B	Mx	-.015	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	100.572	1
2	MP2A	Z	58.065	1
3	MP2A	Mx	-.123	1
4	MP2A	X	100.572	5.4
5	MP2A	Z	58.065	5.4
6	MP2A	Mx	-.123	5.4
7	MP2B	X	134.514	1
8	MP2B	Z	77.662	1
9	MP2B	Mx	.104	1
10	MP2B	X	134.514	5.4
11	MP2B	Z	77.662	5.4
12	MP2B	Mx	.104	5.4
13	MP2C	X	107.957	1
14	MP2C	Z	62.329	1
15	MP2C	Mx	.026	1
16	MP2C	X	107.957	5.4
17	MP2C	Z	62.329	5.4
18	MP2C	Mx	.026	5.4
19	MP2A	X	100.572	1
20	MP2A	Z	58.065	1
21	MP2A	Mx	-.045	1
22	MP2A	X	100.572	5.4
23	MP2A	Z	58.065	5.4
24	MP2A	Mx	-.045	5.4
25	MP2B	X	134.514	1
26	MP2B	Z	77.662	1
27	MP2B	Mx	-.104	1
28	MP2B	X	134.514	5.4
29	MP2B	Z	77.662	5.4
30	MP2B	Mx	-.104	5.4
31	MP2C	X	107.957	1
32	MP2C	Z	62.329	1
33	MP2C	Mx	.133	1
34	MP2C	X	107.957	5.4
35	MP2C	Z	62.329	5.4
36	MP2C	Mx	.133	5.4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
37	MP3A	X	33.294	2.2
38	MP3A	Z	19.222	2.2
39	MP3A	Mx	-.028	2.2
40	MP3A	X	33.294	4.2
41	MP3A	Z	19.222	4.2
42	MP3A	Mx	-.028	4.2
43	MP3B	X	65.502	2.2
44	MP3B	Z	37.818	2.2
45	MP3B	Mx	0	2.2
46	MP3B	X	65.502	4.2
47	MP3B	Z	37.818	4.2
48	MP3B	Mx	0	4.2
49	MP3C	X	40.302	2.2
50	MP3C	Z	23.268	2.2
51	MP3C	Mx	.03	2.2
52	MP3C	X	40.302	4.2
53	MP3C	Z	23.268	4.2
54	MP3C	Mx	.03	4.2
55	MP3A	X	14.538	3.2
56	MP3A	Z	8.393	3.2
57	MP3A	Mx	.01	3.2
58	MP3B	X	24.062	3.2
59	MP3B	Z	13.892	3.2
60	MP3B	Mx	0	3.2
61	MP3C	X	16.61	3.2
62	MP3C	Z	9.59	3.2
63	MP3C	Mx	-.01	3.2
64	MP2A	X	39.017	3.75
65	MP2A	Z	22.527	3.75
66	MP2A	Mx	.026	3.75
67	MP2B	X	51.8	3.75
68	MP2B	Z	29.907	3.75
69	MP2B	Mx	0	3.75
70	MP2C	X	41.798	3.75
71	MP2C	Z	24.132	3.75
72	MP2C	Mx	-.025	3.75
73	MP2A	X	34.255	2
74	MP2A	Z	19.777	2
75	MP2A	Mx	.023	2
76	MP2B	X	51.8	2
77	MP2B	Z	29.907	2
78	MP2B	Mx	0	2
79	MP2C	X	38.072	2
80	MP2C	Z	21.981	2
81	MP2C	Mx	-.022	2
82	MP2B	X	16.041	6
83	MP2B	Z	9.261	6
84	MP2B	Mx	.006	6
85	MP2B	X	16.041	7
86	MP2B	Z	9.261	7
87	MP2B	Mx	.006	7
88	MP2B	X	16.041	6
89	MP2B	Z	9.261	6
90	MP2B	Mx	-.006	6
91	MP2B	X	16.041	7
92	MP2B	Z	9.261	7
93	MP2B	Mx	-.006	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	71.129	1
2	MP2A	Z	123.2	1
3	MP2A	Mx	-.141	1
4	MP2A	X	71.129	5.4
5	MP2A	Z	123.2	5.4
6	MP2A	Mx	-.141	5.4
7	MP2B	X	71.129	1
8	MP2B	Z	123.2	1
9	MP2B	Mx	.023	1
10	MP2B	X	71.129	5.4
11	MP2B	Z	123.2	5.4
12	MP2B	Mx	.023	5.4
13	MP2C	X	52.321	1
14	MP2C	Z	90.623	1
15	MP2C	Mx	.074	1
16	MP2C	X	52.321	5.4
17	MP2C	Z	90.623	5.4
18	MP2C	Mx	.074	5.4
19	MP2A	X	71.129	1
20	MP2A	Z	123.2	1
21	MP2A	Mx	.023	1
22	MP2A	X	71.129	5.4
23	MP2A	Z	123.2	5.4
24	MP2A	Mx	.023	5.4
25	MP2B	X	71.129	1
26	MP2B	Z	123.2	1
27	MP2B	Mx	-.141	1
28	MP2B	X	71.129	5.4
29	MP2B	Z	123.2	5.4
30	MP2B	Mx	-.141	5.4
31	MP2C	X	52.321	1
32	MP2C	Z	90.623	1
33	MP2C	Mx	.098	1
34	MP2C	X	52.321	5.4
35	MP2C	Z	90.623	5.4
36	MP2C	Mx	.098	5.4
37	MP3A	X	31.619	2.2
38	MP3A	Z	54.766	2.2
39	MP3A	Mx	-.026	2.2
40	MP3A	X	31.619	4.2
41	MP3A	Z	54.766	4.2
42	MP3A	Mx	-.026	4.2
43	MP3B	X	31.619	2.2
44	MP3B	Z	54.766	2.2
45	MP3B	Mx	-.026	2.2
46	MP3B	X	31.619	4.2
47	MP3B	Z	54.766	4.2
48	MP3B	Mx	-.026	4.2
49	MP3C	X	13.772	2.2
50	MP3C	Z	23.853	2.2
51	MP3C	Mx	.023	2.2
52	MP3C	X	13.772	4.2
53	MP3C	Z	23.853	4.2
54	MP3C	Mx	.023	4.2
55	MP3A	X	12.059	3.2
56	MP3A	Z	20.887	3.2
57	MP3A	Mx	.008	3.2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3B	X	12.059	3.2
59	MP3B	Z	20.887	3.2
60	MP3B	Mx	.008	3.2
61	MP3C	X	6.781	3.2
62	MP3C	Z	11.746	3.2
63	MP3C	Mx	-.009	3.2
64	MP2A	X	27.447	3.75
65	MP2A	Z	47.539	3.75
66	MP2A	Mx	.018	3.75
67	MP2B	X	27.447	3.75
68	MP2B	Z	47.539	3.75
69	MP2B	Mx	.018	3.75
70	MP2C	X	20.363	3.75
71	MP2C	Z	35.27	3.75
72	MP2C	Mx	-.027	3.75
73	MP2A	X	26.53	2
74	MP2A	Z	45.952	2
75	MP2A	Mx	.018	2
76	MP2B	X	26.53	2
77	MP2B	Z	45.952	2
78	MP2B	Mx	.018	2
79	MP2C	X	16.808	2
80	MP2C	Z	29.112	2
81	MP2C	Mx	-.022	2
82	MP2B	X	9.268	6
83	MP2B	Z	16.053	6
84	MP2B	Mx	.015	6
85	MP2B	X	9.268	7
86	MP2B	Z	16.053	7
87	MP2B	Mx	.015	7
88	MP2B	X	9.268	6
89	MP2B	Z	16.053	6
90	MP2B	Mx	.004	6
91	MP2B	X	9.268	7
92	MP2B	Z	16.053	7
93	MP2B	Mx	.004	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	1
2	MP2A	Z	155.323	1
3	MP2A	Mx	-.104	1
4	MP2A	X	0	5.4
5	MP2A	Z	155.323	5.4
6	MP2A	Mx	-.104	5.4
7	MP2B	X	0	1
8	MP2B	Z	116.131	1
9	MP2B	Mx	-.045	1
10	MP2B	X	0	5.4
11	MP2B	Z	116.131	5.4
12	MP2B	Mx	-.045	5.4
13	MP2C	X	0	1
14	MP2C	Z	109.179	1
15	MP2C	Mx	.11	1
16	MP2C	X	0	5.4
17	MP2C	Z	109.179	5.4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
18	MP2C	Mx	.11	5.4
19	MP2A	X	0	1
20	MP2A	Z	155.323	1
21	MP2A	Mx	.104	1
22	MP2A	X	0	5.4
23	MP2A	Z	155.323	5.4
24	MP2A	Mx	.104	5.4
25	MP2B	X	0	1
26	MP2B	Z	116.131	1
27	MP2B	Mx	-.123	1
28	MP2B	X	0	5.4
29	MP2B	Z	116.131	5.4
30	MP2B	Mx	-.123	5.4
31	MP2C	X	0	1
32	MP2C	Z	109.179	1
33	MP2C	Mx	.061	1
34	MP2C	X	0	5.4
35	MP2C	Z	109.179	5.4
36	MP2C	Mx	.061	5.4
37	MP3A	X	0	2.2
38	MP3A	Z	75.636	2.2
39	MP3A	Mx	0	2.2
40	MP3A	X	0	4.2
41	MP3A	Z	75.636	4.2
42	MP3A	Mx	0	4.2
43	MP3B	X	0	2.2
44	MP3B	Z	38.445	2.2
45	MP3B	Mx	-.028	2.2
46	MP3B	X	0	4.2
47	MP3B	Z	38.445	4.2
48	MP3B	Mx	-.028	4.2
49	MP3C	X	0	2.2
50	MP3C	Z	31.849	2.2
51	MP3C	Mx	.025	2.2
52	MP3C	X	0	4.2
53	MP3C	Z	31.849	4.2
54	MP3C	Mx	.025	4.2
55	MP3A	X	0	3.2
56	MP3A	Z	27.784	3.2
57	MP3A	Mx	0	3.2
58	MP3B	X	0	3.2
59	MP3B	Z	16.786	3.2
60	MP3B	Mx	.01	3.2
61	MP3C	X	0	3.2
62	MP3C	Z	14.836	3.2
63	MP3C	Mx	-.009	3.2
64	MP2A	X	0	3.75
65	MP2A	Z	59.814	3.75
66	MP2A	Mx	0	3.75
67	MP2B	X	0	3.75
68	MP2B	Z	45.053	3.75
69	MP2B	Mx	.026	3.75
70	MP2C	X	0	3.75
71	MP2C	Z	42.435	3.75
72	MP2C	Mx	-.027	3.75
73	MP2A	X	0	2
74	MP2A	Z	59.814	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
75	MP2A	Mx	0	2
76	MP2B	X	0	2
77	MP2B	Z	39.554	2
78	MP2B	Mx	.023	2
79	MP2C	X	0	2
80	MP2C	Z	35.961	2
81	MP2C	Mx	-.023	2
82	MP2B	X	0	6
83	MP2B	Z	18.564	6
84	MP2B	Mx	.019	6
85	MP2B	X	0	7
86	MP2B	Z	18.564	7
87	MP2B	Mx	.019	7
88	MP2B	X	0	6
89	MP2B	Z	18.564	6
90	MP2B	Mx	.013	6
91	MP2B	X	0	7
92	MP2B	Z	18.564	7
93	MP2B	Mx	.013	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-71.129	1
2	MP2A	Z	123.2	1
3	MP2A	Mx	-.023	1
4	MP2A	X	-71.129	5.4
5	MP2A	Z	123.2	5.4
6	MP2A	Mx	-.023	5.4
7	MP2B	X	-51.533	1
8	MP2B	Z	89.258	1
9	MP2B	Mx	-.086	1
10	MP2B	X	-51.533	5.4
11	MP2B	Z	89.258	5.4
12	MP2B	Mx	-.086	5.4
13	MP2C	X	-66.866	1
14	MP2C	Z	115.815	1
15	MP2C	Mx	.14	1
16	MP2C	X	-66.866	5.4
17	MP2C	Z	115.815	5.4
18	MP2C	Mx	.14	5.4
19	MP2A	X	-71.129	1
20	MP2A	Z	123.2	1
21	MP2A	Mx	.141	1
22	MP2A	X	-71.129	5.4
23	MP2A	Z	123.2	5.4
24	MP2A	Mx	.141	5.4
25	MP2B	X	-51.533	1
26	MP2B	Z	89.258	1
27	MP2B	Mx	-.086	1
28	MP2B	X	-51.533	5.4
29	MP2B	Z	89.258	5.4
30	MP2B	Mx	-.086	5.4
31	MP2C	X	-66.866	1
32	MP2C	Z	115.815	1
33	MP2C	Mx	.003	1
34	MP2C	X	-66.866	5.4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
35	MP2C	Z	115.815	5.4
36	MP2C	Mx	.003	5.4
37	MP3A	X	-31.619	2.2
38	MP3A	Z	54.766	2.2
39	MP3A	Mx	.026	2.2
40	MP3A	X	-31.619	4.2
41	MP3A	Z	54.766	4.2
42	MP3A	Mx	.026	4.2
43	MP3B	X	-13.024	2.2
44	MP3B	Z	22.558	2.2
45	MP3B	Mx	-.022	2.2
46	MP3B	X	-13.024	4.2
47	MP3B	Z	22.558	4.2
48	MP3B	Mx	-.022	4.2
49	MP3C	X	-27.574	2.2
50	MP3C	Z	47.759	2.2
51	MP3C	Mx	.03	2.2
52	MP3C	X	-27.574	4.2
53	MP3C	Z	47.759	4.2
54	MP3C	Mx	.03	4.2
55	MP3A	X	-12.059	3.2
56	MP3A	Z	20.887	3.2
57	MP3A	Mx	-.008	3.2
58	MP3B	X	-6.56	3.2
59	MP3B	Z	11.363	3.2
60	MP3B	Mx	.009	3.2
61	MP3C	X	-10.863	3.2
62	MP3C	Z	18.815	3.2
63	MP3C	Mx	-.009	3.2
64	MP2A	X	-27.447	3.75
65	MP2A	Z	47.539	3.75
66	MP2A	Mx	-.018	3.75
67	MP2B	X	-20.067	3.75
68	MP2B	Z	34.756	3.75
69	MP2B	Mx	.027	3.75
70	MP2C	X	-25.841	3.75
71	MP2C	Z	44.758	3.75
72	MP2C	Mx	-.022	3.75
73	MP2A	X	-26.53	2
74	MP2A	Z	45.952	2
75	MP2A	Mx	-.018	2
76	MP2B	X	-16.401	2
77	MP2B	Z	28.407	2
78	MP2B	Mx	.022	2
79	MP2C	X	-24.326	2
80	MP2C	Z	42.135	2
81	MP2C	Mx	-.021	2
82	MP2B	X	-9.289	6
83	MP2B	Z	16.089	6
84	MP2B	Mx	.019	6
85	MP2B	X	-9.289	7
86	MP2B	Z	16.089	7
87	MP2B	Mx	.019	7
88	MP2B	X	-9.289	6
89	MP2B	Z	16.089	6
90	MP2B	Mx	.019	6
91	MP2B	X	-9.289	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
92	MP2B	Z	16.089	7
93	MP2B	Mx	.019	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-100.572	1
2	MP2A	Z	58.065	1
3	MP2A	Mx	.045	1
4	MP2A	X	-100.572	5.4
5	MP2A	Z	58.065	5.4
6	MP2A	Mx	.045	5.4
7	MP2B	X	-100.572	1
8	MP2B	Z	58.065	1
9	MP2B	Mx	-.123	1
10	MP2B	X	-100.572	5.4
11	MP2B	Z	58.065	5.4
12	MP2B	Mx	-.123	5.4
13	MP2C	X	-133.149	1
14	MP2C	Z	76.874	1
15	MP2C	Mx	.123	1
16	MP2C	X	-133.149	5.4
17	MP2C	Z	76.874	5.4
18	MP2C	Mx	.123	5.4
19	MP2A	X	-100.572	1
20	MP2A	Z	58.065	1
21	MP2A	Mx	.123	1
22	MP2A	X	-100.572	5.4
23	MP2A	Z	58.065	5.4
24	MP2A	Mx	.123	5.4
25	MP2B	X	-100.572	1
26	MP2B	Z	58.065	1
27	MP2B	Mx	-.045	1
28	MP2B	X	-100.572	5.4
29	MP2B	Z	58.065	5.4
30	MP2B	Mx	-.045	5.4
31	MP2C	X	-133.149	1
32	MP2C	Z	76.874	1
33	MP2C	Mx	-.079	1
34	MP2C	X	-133.149	5.4
35	MP2C	Z	76.874	5.4
36	MP2C	Mx	-.079	5.4
37	MP3A	X	-33.294	2.2
38	MP3A	Z	19.222	2.2
39	MP3A	Mx	.028	2.2
40	MP3A	X	-33.294	4.2
41	MP3A	Z	19.222	4.2
42	MP3A	Mx	.028	4.2
43	MP3B	X	-33.294	2.2
44	MP3B	Z	19.222	2.2
45	MP3B	Mx	-.028	2.2
46	MP3B	X	-33.294	4.2
47	MP3B	Z	19.222	4.2
48	MP3B	Mx	-.028	4.2
49	MP3C	X	-64.207	2.2
50	MP3C	Z	37.07	2.2
51	MP3C	Mx	.011	2.2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
52	MP3C	X	-64.207	4.2
53	MP3C	Z	37.07	4.2
54	MP3C	Mx	.011	4.2
55	MP3A	X	-14.538	3.2
56	MP3A	Z	8.393	3.2
57	MP3A	Mx	-.01	3.2
58	MP3B	X	-14.538	3.2
59	MP3B	Z	8.393	3.2
60	MP3B	Mx	.01	3.2
61	MP3C	X	-23.679	3.2
62	MP3C	Z	13.671	3.2
63	MP3C	Mx	-.003	3.2
64	MP2A	X	-39.017	3.75
65	MP2A	Z	22.527	3.75
66	MP2A	Mx	-.026	3.75
67	MP2B	X	-39.017	3.75
68	MP2B	Z	22.527	3.75
69	MP2B	Mx	.026	3.75
70	MP2C	X	-51.286	3.75
71	MP2C	Z	29.61	3.75
72	MP2C	Mx	-.007	3.75
73	MP2A	X	-34.255	2
74	MP2A	Z	19.777	2
75	MP2A	Mx	-.023	2
76	MP2B	X	-34.255	2
77	MP2B	Z	19.777	2
78	MP2B	Mx	.023	2
79	MP2C	X	-51.095	2
80	MP2C	Z	29.5	2
81	MP2C	Mx	-.007	2
82	MP2B	X	-16.077	6
83	MP2B	Z	9.282	6
84	MP2B	Mx	.013	6
85	MP2B	X	-16.077	7
86	MP2B	Z	9.282	7
87	MP2B	Mx	.013	7
88	MP2B	X	-16.077	6
89	MP2B	Z	9.282	6
90	MP2B	Mx	.019	6
91	MP2B	X	-16.077	7
92	MP2B	Z	9.282	7
93	MP2B	Mx	.019	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-103.066	1
2	MP2A	Z	0	1
3	MP2A	Mx	.086	1
4	MP2A	X	-103.066	5.4
5	MP2A	Z	0	5.4
6	MP2A	Mx	.086	5.4
7	MP2B	X	-142.259	1
8	MP2B	Z	0	1
9	MP2B	Mx	-.141	1
10	MP2B	X	-142.259	5.4
11	MP2B	Z	0	5.4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
12	MP2B	Mx	-.141	5.4
13	MP2C	X	-149.21	1
14	MP2C	Z	0	1
15	MP2C	Mx	.051	1
16	MP2C	X	-149.21	5.4
17	MP2C	Z	0	5.4
18	MP2C	Mx	.051	5.4
19	MP2A	X	-103.066	1
20	MP2A	Z	0	1
21	MP2A	Mx	.086	1
22	MP2A	X	-103.066	5.4
23	MP2A	Z	0	5.4
24	MP2A	Mx	.086	5.4
25	MP2B	X	-142.259	1
26	MP2B	Z	0	1
27	MP2B	Mx	.023	1
28	MP2B	X	-142.259	5.4
29	MP2B	Z	0	5.4
30	MP2B	Mx	.023	5.4
31	MP2C	X	-149.21	1
32	MP2C	Z	0	1
33	MP2C	Mx	-.136	1
34	MP2C	X	-149.21	5.4
35	MP2C	Z	0	5.4
36	MP2C	Mx	-.136	5.4
37	MP3A	X	-26.048	2.2
38	MP3A	Z	0	2.2
39	MP3A	Mx	.022	2.2
40	MP3A	X	-26.048	4.2
41	MP3A	Z	0	4.2
42	MP3A	Mx	.022	4.2
43	MP3B	X	-63.239	2.2
44	MP3B	Z	0	2.2
45	MP3B	Mx	-.026	2.2
46	MP3B	X	-63.239	4.2
47	MP3B	Z	0	4.2
48	MP3B	Mx	-.026	4.2
49	MP3C	X	-69.835	2.2
50	MP3C	Z	0	2.2
51	MP3C	Mx	-.02	2.2
52	MP3C	X	-69.835	4.2
53	MP3C	Z	0	4.2
54	MP3C	Mx	-.02	4.2
55	MP3A	X	-13.12	3.2
56	MP3A	Z	0	3.2
57	MP3A	Mx	-.009	3.2
58	MP3B	X	-24.118	3.2
59	MP3B	Z	0	3.2
60	MP3B	Mx	.008	3.2
61	MP3C	X	-26.069	3.2
62	MP3C	Z	0	3.2
63	MP3C	Mx	.006	3.2
64	MP2A	X	-40.133	3.75
65	MP2A	Z	0	3.75
66	MP2A	Mx	-.027	3.75
67	MP2B	X	-54.894	3.75
68	MP2B	Z	0	3.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
69	MP2B	Mx	.018	3.75
70	MP2C	X	-57.512	3.75
71	MP2C	Z	0	3.75
72	MP2C	Mx	.013	3.75
73	MP2A	X	-32.801	2
74	MP2A	Z	0	2
75	MP2A	Mx	-.022	2
76	MP2B	X	-53.061	2
77	MP2B	Z	0	2
78	MP2B	Mx	.018	2
79	MP2C	X	-56.654	2
80	MP2C	Z	0	2
81	MP2C	Mx	.013	2
82	MP2B	X	-18.537	6
83	MP2B	Z	0	6
84	MP2B	Mx	.004	6
85	MP2B	X	-18.537	7
86	MP2B	Z	0	7
87	MP2B	Mx	.004	7
88	MP2B	X	-18.537	6
89	MP2B	Z	0	6
90	MP2B	Mx	.015	6
91	MP2B	X	-18.537	7
92	MP2B	Z	0	7
93	MP2B	Mx	.015	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-100.572	1
2	MP2A	Z	-58.065	1
3	MP2A	Mx	.123	1
4	MP2A	X	-100.572	5.4
5	MP2A	Z	-58.065	5.4
6	MP2A	Mx	.123	5.4
7	MP2B	X	-134.514	1
8	MP2B	Z	-77.662	1
9	MP2B	Mx	-.104	1
10	MP2B	X	-134.514	5.4
11	MP2B	Z	-77.662	5.4
12	MP2B	Mx	-.104	5.4
13	MP2C	X	-107.957	1
14	MP2C	Z	-62.329	1
15	MP2C	Mx	-.026	1
16	MP2C	X	-107.957	5.4
17	MP2C	Z	-62.329	5.4
18	MP2C	Mx	-.026	5.4
19	MP2A	X	-100.572	1
20	MP2A	Z	-58.065	1
21	MP2A	Mx	.045	1
22	MP2A	X	-100.572	5.4
23	MP2A	Z	-58.065	5.4
24	MP2A	Mx	.045	5.4
25	MP2B	X	-134.514	1
26	MP2B	Z	-77.662	1
27	MP2B	Mx	.104	1
28	MP2B	X	-134.514	5.4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
29	MP2B	Z	-77.662	5.4
30	MP2B	Mx	.104	5.4
31	MP2C	X	-107.957	1
32	MP2C	Z	-62.329	1
33	MP2C	Mx	-.133	1
34	MP2C	X	-107.957	5.4
35	MP2C	Z	-62.329	5.4
36	MP2C	Mx	-.133	5.4
37	MP3A	X	-33.294	2.2
38	MP3A	Z	-19.222	2.2
39	MP3A	Mx	.028	2.2
40	MP3A	X	-33.294	4.2
41	MP3A	Z	-19.222	4.2
42	MP3A	Mx	.028	4.2
43	MP3B	X	-65.502	2.2
44	MP3B	Z	-37.818	2.2
45	MP3B	Mx	0	2.2
46	MP3B	X	-65.502	4.2
47	MP3B	Z	-37.818	4.2
48	MP3B	Mx	0	4.2
49	MP3C	X	-40.302	2.2
50	MP3C	Z	-23.268	2.2
51	MP3C	Mx	-.03	2.2
52	MP3C	X	-40.302	4.2
53	MP3C	Z	-23.268	4.2
54	MP3C	Mx	-.03	4.2
55	MP3A	X	-14.538	3.2
56	MP3A	Z	-8.393	3.2
57	MP3A	Mx	-.01	3.2
58	MP3B	X	-24.062	3.2
59	MP3B	Z	-13.892	3.2
60	MP3B	Mx	0	3.2
61	MP3C	X	-16.61	3.2
62	MP3C	Z	-9.59	3.2
63	MP3C	Mx	.01	3.2
64	MP2A	X	-39.017	3.75
65	MP2A	Z	-22.527	3.75
66	MP2A	Mx	-.026	3.75
67	MP2B	X	-51.8	3.75
68	MP2B	Z	-29.907	3.75
69	MP2B	Mx	0	3.75
70	MP2C	X	-41.798	3.75
71	MP2C	Z	-24.132	3.75
72	MP2C	Mx	.025	3.75
73	MP2A	X	-34.255	2
74	MP2A	Z	-19.777	2
75	MP2A	Mx	-.023	2
76	MP2B	X	-51.8	2
77	MP2B	Z	-29.907	2
78	MP2B	Mx	0	2
79	MP2C	X	-38.072	2
80	MP2C	Z	-21.981	2
81	MP2C	Mx	.022	2
82	MP2B	X	-16.041	6
83	MP2B	Z	-9.261	6
84	MP2B	Mx	-.006	6
85	MP2B	X	-16.041	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
86	MP2B	Z	-9.261	7
87	MP2B	Mx	-.006	7
88	MP2B	X	-16.041	6
89	MP2B	Z	-9.261	6
90	MP2B	Mx	.006	6
91	MP2B	X	-16.041	7
92	MP2B	Z	-9.261	7
93	MP2B	Mx	.006	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-71.129	1
2	MP2A	Z	-123.2	1
3	MP2A	Mx	.141	1
4	MP2A	X	-71.129	5.4
5	MP2A	Z	-123.2	5.4
6	MP2A	Mx	.141	5.4
7	MP2B	X	-71.129	1
8	MP2B	Z	-123.2	1
9	MP2B	Mx	-.023	1
10	MP2B	X	-71.129	5.4
11	MP2B	Z	-123.2	5.4
12	MP2B	Mx	-.023	5.4
13	MP2C	X	-52.321	1
14	MP2C	Z	-90.623	1
15	MP2C	Mx	-.074	1
16	MP2C	X	-52.321	5.4
17	MP2C	Z	-90.623	5.4
18	MP2C	Mx	-.074	5.4
19	MP2A	X	-71.129	1
20	MP2A	Z	-123.2	1
21	MP2A	Mx	-.023	1
22	MP2A	X	-71.129	5.4
23	MP2A	Z	-123.2	5.4
24	MP2A	Mx	-.023	5.4
25	MP2B	X	-71.129	1
26	MP2B	Z	-123.2	1
27	MP2B	Mx	.141	1
28	MP2B	X	-71.129	5.4
29	MP2B	Z	-123.2	5.4
30	MP2B	Mx	.141	5.4
31	MP2C	X	-52.321	1
32	MP2C	Z	-90.623	1
33	MP2C	Mx	-.098	1
34	MP2C	X	-52.321	5.4
35	MP2C	Z	-90.623	5.4
36	MP2C	Mx	-.098	5.4
37	MP3A	X	-31.619	2.2
38	MP3A	Z	-54.766	2.2
39	MP3A	Mx	.026	2.2
40	MP3A	X	-31.619	4.2
41	MP3A	Z	-54.766	4.2
42	MP3A	Mx	.026	4.2
43	MP3B	X	-31.619	2.2
44	MP3B	Z	-54.766	2.2
45	MP3B	Mx	.026	2.2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
46	MP3B	X	-31.619	4.2
47	MP3B	Z	-54.766	4.2
48	MP3B	Mx	.026	4.2
49	MP3C	X	-13.772	2.2
50	MP3C	Z	-23.853	2.2
51	MP3C	Mx	-.023	2.2
52	MP3C	X	-13.772	4.2
53	MP3C	Z	-23.853	4.2
54	MP3C	Mx	-.023	4.2
55	MP3A	X	-12.059	3.2
56	MP3A	Z	-20.887	3.2
57	MP3A	Mx	-.008	3.2
58	MP3B	X	-12.059	3.2
59	MP3B	Z	-20.887	3.2
60	MP3B	Mx	-.008	3.2
61	MP3C	X	-6.781	3.2
62	MP3C	Z	-11.746	3.2
63	MP3C	Mx	.009	3.2
64	MP2A	X	-27.447	3.75
65	MP2A	Z	-47.539	3.75
66	MP2A	Mx	-.018	3.75
67	MP2B	X	-27.447	3.75
68	MP2B	Z	-47.539	3.75
69	MP2B	Mx	-.018	3.75
70	MP2C	X	-20.363	3.75
71	MP2C	Z	-35.27	3.75
72	MP2C	Mx	.027	3.75
73	MP2A	X	-26.53	2
74	MP2A	Z	-45.952	2
75	MP2A	Mx	-.018	2
76	MP2B	X	-26.53	2
77	MP2B	Z	-45.952	2
78	MP2B	Mx	-.018	2
79	MP2C	X	-16.808	2
80	MP2C	Z	-29.112	2
81	MP2C	Mx	.022	2
82	MP2B	X	-9.268	6
83	MP2B	Z	-16.053	6
84	MP2B	Mx	-.015	6
85	MP2B	X	-9.268	7
86	MP2B	Z	-16.053	7
87	MP2B	Mx	-.015	7
88	MP2B	X	-9.268	6
89	MP2B	Z	-16.053	6
90	MP2B	Mx	-.004	6
91	MP2B	X	-9.268	7
92	MP2B	Z	-16.053	7
93	MP2B	Mx	-.004	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	1
2	MP2A	Z	-31.163	1
3	MP2A	Mx	.021	1
4	MP2A	X	0	5.4
5	MP2A	Z	-31.163	5.4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
6	MP2A	Mx	.021	5.4
7	MP2B	X	0	1
8	MP2B	Z	-24.184	1
9	MP2B	Mx	.009	1
10	MP2B	X	0	5.4
11	MP2B	Z	-24.184	5.4
12	MP2B	Mx	.009	5.4
13	MP2C	X	0	1
14	MP2C	Z	-22.947	1
15	MP2C	Mx	-.023	1
16	MP2C	X	0	5.4
17	MP2C	Z	-22.947	5.4
18	MP2C	Mx	-.023	5.4
19	MP2A	X	0	1
20	MP2A	Z	-31.163	1
21	MP2A	Mx	-.021	1
22	MP2A	X	0	5.4
23	MP2A	Z	-31.163	5.4
24	MP2A	Mx	-.021	5.4
25	MP2B	X	0	1
26	MP2B	Z	-24.184	1
27	MP2B	Mx	.026	1
28	MP2B	X	0	5.4
29	MP2B	Z	-24.184	5.4
30	MP2B	Mx	.026	5.4
31	MP2C	X	0	1
32	MP2C	Z	-22.947	1
33	MP2C	Mx	-.013	1
34	MP2C	X	0	5.4
35	MP2C	Z	-22.947	5.4
36	MP2C	Mx	-.013	5.4
37	MP3A	X	0	2.2
38	MP3A	Z	-18.718	2.2
39	MP3A	Mx	0	2.2
40	MP3A	X	0	4.2
41	MP3A	Z	-18.718	4.2
42	MP3A	Mx	0	4.2
43	MP3B	X	0	2.2
44	MP3B	Z	-10.883	2.2
45	MP3B	Mx	.008	2.2
46	MP3B	X	0	4.2
47	MP3B	Z	-10.883	4.2
48	MP3B	Mx	.008	4.2
49	MP3C	X	0	2.2
50	MP3C	Z	-9.493	2.2
51	MP3C	Mx	-.007	2.2
52	MP3C	X	0	4.2
53	MP3C	Z	-9.493	4.2
54	MP3C	Mx	-.007	4.2
55	MP3A	X	0	3.2
56	MP3A	Z	-9.462	3.2
57	MP3A	Mx	0	3.2
58	MP3B	X	0	3.2
59	MP3B	Z	-6.544	3.2
60	MP3B	Mx	-.004	3.2
61	MP3C	X	0	3.2
62	MP3C	Z	-6.027	3.2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
63	MP3C	Mx	.004	3.2
64	MP2A	X	0	3.75
65	MP2A	Z	-16.159	3.75
66	MP2A	Mx	0	3.75
67	MP2B	X	0	3.75
68	MP2B	Z	-12.614	3.75
69	MP2B	Mx	-.007	3.75
70	MP2C	X	0	3.75
71	MP2C	Z	-11.985	3.75
72	MP2C	Mx	.008	3.75
73	MP2A	X	0	2
74	MP2A	Z	-16.159	2
75	MP2A	Mx	0	2
76	MP2B	X	0	2
77	MP2B	Z	-11.267	2
78	MP2B	Mx	-.007	2
79	MP2C	X	0	2
80	MP2C	Z	-10.399	2
81	MP2C	Mx	.007	2
82	MP2B	X	0	6
83	MP2B	Z	-3.892	6
84	MP2B	Mx	-.004	6
85	MP2B	X	0	7
86	MP2B	Z	-3.892	7
87	MP2B	Mx	-.004	7
88	MP2B	X	0	6
89	MP2B	Z	-3.892	6
90	MP2B	Mx	-.003	6
91	MP2B	X	0	7
92	MP2B	Z	-3.892	7
93	MP2B	Mx	-.003	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	14.418	1
2	MP2A	Z	-24.973	1
3	MP2A	Mx	.005	1
4	MP2A	X	14.418	5.4
5	MP2A	Z	-24.973	5.4
6	MP2A	Mx	.005	5.4
7	MP2B	X	10.929	1
8	MP2B	Z	-18.93	1
9	MP2B	Mx	.018	1
10	MP2B	X	10.929	5.4
11	MP2B	Z	-18.93	5.4
12	MP2B	Mx	.018	5.4
13	MP2C	X	13.659	1
14	MP2C	Z	-23.658	1
15	MP2C	Mx	-.029	1
16	MP2C	X	13.659	5.4
17	MP2C	Z	-23.658	5.4
18	MP2C	Mx	-.029	5.4
19	MP2A	X	14.418	1
20	MP2A	Z	-24.973	1
21	MP2A	Mx	-.029	1
22	MP2A	X	14.418	5.4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
23	MP2A	Z	-24.973	5.4
24	MP2A	Mx	-.029	5.4
25	MP2B	X	10.929	1
26	MP2B	Z	-18.93	1
27	MP2B	Mx	.018	1
28	MP2B	X	10.929	5.4
29	MP2B	Z	-18.93	5.4
30	MP2B	Mx	.018	5.4
31	MP2C	X	13.659	1
32	MP2C	Z	-23.658	1
33	MP2C	Mx	-.000682	1
34	MP2C	X	13.659	5.4
35	MP2C	Z	-23.658	5.4
36	MP2C	Mx	-.000682	5.4
37	MP3A	X	8.053	2.2
38	MP3A	Z	-13.949	2.2
39	MP3A	Mx	-.007	2.2
40	MP3A	X	8.053	4.2
41	MP3A	Z	-13.949	4.2
42	MP3A	Mx	-.007	4.2
43	MP3B	X	4.135	2.2
44	MP3B	Z	-7.163	2.2
45	MP3B	Mx	.007	2.2
46	MP3B	X	4.135	4.2
47	MP3B	Z	-7.163	4.2
48	MP3B	Mx	.007	4.2
49	MP3C	X	7.201	2.2
50	MP3C	Z	-12.472	2.2
51	MP3C	Mx	-.008	2.2
52	MP3C	X	7.201	4.2
53	MP3C	Z	-12.472	4.2
54	MP3C	Mx	-.008	4.2
55	MP3A	X	4.245	3.2
56	MP3A	Z	-7.352	3.2
57	MP3A	Mx	.003	3.2
58	MP3B	X	2.786	3.2
59	MP3B	Z	-4.825	3.2
60	MP3B	Mx	-.004	3.2
61	MP3C	X	3.927	3.2
62	MP3C	Z	-6.802	3.2
63	MP3C	Mx	.003	3.2
64	MP2A	X	7.489	3.75
65	MP2A	Z	-12.971	3.75
66	MP2A	Mx	.005	3.75
67	MP2B	X	5.716	3.75
68	MP2B	Z	-9.9	3.75
69	MP2B	Mx	-.008	3.75
70	MP2C	X	7.103	3.75
71	MP2C	Z	-12.303	3.75
72	MP2C	Mx	.006	3.75
73	MP2A	X	7.264	2
74	MP2A	Z	-12.582	2
75	MP2A	Mx	.005	2
76	MP2B	X	4.818	2
77	MP2B	Z	-8.345	2
78	MP2B	Mx	-.006	2
79	MP2C	X	6.732	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
80	MP2C	Z	-11.66	2
81	MP2C	Mx	.006	2
82	MP2B	X	2.283	6
83	MP2B	Z	-3.954	6
84	MP2B	Mx	-.005	6
85	MP2B	X	2.283	7
86	MP2B	Z	-3.954	7
87	MP2B	Mx	-.005	7
88	MP2B	X	2.283	6
89	MP2B	Z	-3.954	6
90	MP2B	Mx	-.005	6
91	MP2B	X	2.283	7
92	MP2B	Z	-3.954	7
93	MP2B	Mx	-.005	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	20.944	1
2	MP2A	Z	-12.092	1
3	MP2A	Mx	-.009	1
4	MP2A	X	20.944	5.4
5	MP2A	Z	-12.092	5.4
6	MP2A	Mx	-.009	5.4
7	MP2B	X	20.944	1
8	MP2B	Z	-12.092	1
9	MP2B	Mx	.026	1
10	MP2B	X	20.944	5.4
11	MP2B	Z	-12.092	5.4
12	MP2B	Mx	.026	5.4
13	MP2C	X	26.745	1
14	MP2C	Z	-15.441	1
15	MP2C	Mx	-.025	1
16	MP2C	X	26.745	5.4
17	MP2C	Z	-15.441	5.4
18	MP2C	Mx	-.025	5.4
19	MP2A	X	20.944	1
20	MP2A	Z	-12.092	1
21	MP2A	Mx	-.026	1
22	MP2A	X	20.944	5.4
23	MP2A	Z	-12.092	5.4
24	MP2A	Mx	-.026	5.4
25	MP2B	X	20.944	1
26	MP2B	Z	-12.092	1
27	MP2B	Mx	.009	1
28	MP2B	X	20.944	5.4
29	MP2B	Z	-12.092	5.4
30	MP2B	Mx	.009	5.4
31	MP2C	X	26.745	1
32	MP2C	Z	-15.441	1
33	MP2C	Mx	.016	1
34	MP2C	X	26.745	5.4
35	MP2C	Z	-15.441	5.4
36	MP2C	Mx	.016	5.4
37	MP3A	X	9.425	2.2
38	MP3A	Z	-5.441	2.2
39	MP3A	Mx	-.008	2.2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
40	MP3A	X	9.425	4.2
41	MP3A	Z	-5.441	4.2
42	MP3A	Mx	-.008	4.2
43	MP3B	X	9.425	2.2
44	MP3B	Z	-5.441	2.2
45	MP3B	Mx	.008	2.2
46	MP3B	X	9.425	4.2
47	MP3B	Z	-5.441	4.2
48	MP3B	Mx	.008	4.2
49	MP3C	X	15.938	2.2
50	MP3C	Z	-9.202	2.2
51	MP3C	Mx	-.003	2.2
52	MP3C	X	15.938	4.2
53	MP3C	Z	-9.202	4.2
54	MP3C	Mx	-.003	4.2
55	MP3A	X	5.668	3.2
56	MP3A	Z	-3.272	3.2
57	MP3A	Mx	.004	3.2
58	MP3B	X	5.668	3.2
59	MP3B	Z	-3.272	3.2
60	MP3B	Mx	-.004	3.2
61	MP3C	X	8.092	3.2
62	MP3C	Z	-4.672	3.2
63	MP3C	Mx	.001	3.2
64	MP2A	X	10.924	3.75
65	MP2A	Z	-6.307	3.75
66	MP2A	Mx	.007	3.75
67	MP2B	X	10.924	3.75
68	MP2B	Z	-6.307	3.75
69	MP2B	Mx	-.007	3.75
70	MP2C	X	13.871	3.75
71	MP2C	Z	-8.008	3.75
72	MP2C	Mx	.002	3.75
73	MP2A	X	9.757	2
74	MP2A	Z	-5.633	2
75	MP2A	Mx	.007	2
76	MP2B	X	9.757	2
77	MP2B	Z	-5.633	2
78	MP2B	Mx	-.007	2
79	MP2C	X	13.824	2
80	MP2C	Z	-7.981	2
81	MP2C	Mx	.002	2
82	MP2B	X	3.37	6
83	MP2B	Z	-1.946	6
84	MP2B	Mx	-.003	6
85	MP2B	X	3.37	7
86	MP2B	Z	-1.946	7
87	MP2B	Mx	-.003	7
88	MP2B	X	3.37	6
89	MP2B	Z	-1.946	6
90	MP2B	Mx	-.004	6
91	MP2B	X	3.37	7
92	MP2B	Z	-1.946	7
93	MP2B	Mx	-.004	7

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

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

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	21.858	1
2	MP2A	Z	0	1
3	MP2A	Mx	-.018	1
4	MP2A	X	21.858	5.4
5	MP2A	Z	0	5.4
6	MP2A	Mx	-.018	5.4
7	MP2B	X	28.837	1
8	MP2B	Z	0	1
9	MP2B	Mx	.029	1
10	MP2B	X	28.837	5.4
11	MP2B	Z	0	5.4
12	MP2B	Mx	.029	5.4
13	MP2C	X	30.074	1
14	MP2C	Z	0	1
15	MP2C	Mx	-.01	1
16	MP2C	X	30.074	5.4
17	MP2C	Z	0	5.4
18	MP2C	Mx	-.01	5.4
19	MP2A	X	21.858	1
20	MP2A	Z	0	1
21	MP2A	Mx	-.018	1
22	MP2A	X	21.858	5.4
23	MP2A	Z	0	5.4
24	MP2A	Mx	-.018	5.4
25	MP2B	X	28.837	1
26	MP2B	Z	0	1
27	MP2B	Mx	-.005	1
28	MP2B	X	28.837	5.4
29	MP2B	Z	0	5.4
30	MP2B	Mx	-.005	5.4
31	MP2C	X	30.074	1
32	MP2C	Z	0	1
33	MP2C	Mx	.027	1
34	MP2C	X	30.074	5.4
35	MP2C	Z	0	5.4
36	MP2C	Mx	.027	5.4
37	MP3A	X	8.271	2.2
38	MP3A	Z	0	2.2
39	MP3A	Mx	-.007	2.2
40	MP3A	X	8.271	4.2
41	MP3A	Z	0	4.2
42	MP3A	Mx	-.007	4.2
43	MP3B	X	16.106	2.2
44	MP3B	Z	0	2.2
45	MP3B	Mx	.007	2.2
46	MP3B	X	16.106	4.2
47	MP3B	Z	0	4.2
48	MP3B	Mx	.007	4.2
49	MP3C	X	17.496	2.2
50	MP3C	Z	0	2.2
51	MP3C	Mx	.005	2.2
52	MP3C	X	17.496	4.2
53	MP3C	Z	0	4.2
54	MP3C	Mx	.005	4.2
55	MP3A	X	5.572	3.2
56	MP3A	Z	0	3.2
57	MP3A	Mx	.004	3.2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3B	X	8.489	3.2
59	MP3B	Z	0	3.2
60	MP3B	Mx	-.003	3.2
61	MP3C	X	9.007	3.2
62	MP3C	Z	0	3.2
63	MP3C	Mx	-.002	3.2
64	MP2A	X	11.432	3.75
65	MP2A	Z	0	3.75
66	MP2A	Mx	.008	3.75
67	MP2B	X	14.977	3.75
68	MP2B	Z	0	3.75
69	MP2B	Mx	-.005	3.75
70	MP2C	X	15.606	3.75
71	MP2C	Z	0	3.75
72	MP2C	Mx	-.004	3.75
73	MP2A	X	9.636	2
74	MP2A	Z	0	2
75	MP2A	Mx	.006	2
76	MP2B	X	14.528	2
77	MP2B	Z	0	2
78	MP2B	Mx	-.005	2
79	MP2C	X	15.396	2
80	MP2C	Z	0	2
81	MP2C	Mx	-.004	2
82	MP2B	X	2.545	6
83	MP2B	Z	0	6
84	MP2B	Mx	-.000538	6
85	MP2B	X	2.545	7
86	MP2B	Z	0	7
87	MP2B	Mx	-.000538	7
88	MP2B	X	2.545	6
89	MP2B	Z	0	6
90	MP2B	Mx	-.002	6
91	MP2B	X	2.545	7
92	MP2B	Z	0	7
93	MP2B	Mx	-.002	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	20.944	1
2	MP2A	Z	12.092	1
3	MP2A	Mx	-.026	1
4	MP2A	X	20.944	5.4
5	MP2A	Z	12.092	5.4
6	MP2A	Mx	-.026	5.4
7	MP2B	X	26.988	1
8	MP2B	Z	15.581	1
9	MP2B	Mx	.021	1
10	MP2B	X	26.988	5.4
11	MP2B	Z	15.581	5.4
12	MP2B	Mx	.021	5.4
13	MP2C	X	22.259	1
14	MP2C	Z	12.851	1
15	MP2C	Mx	.005	1
16	MP2C	X	22.259	5.4
17	MP2C	Z	12.851	5.4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
18	MP2C	Mx	.005	5.4
19	MP2A	X	20.944	1
20	MP2A	Z	12.092	1
21	MP2A	Mx	-.009	1
22	MP2A	X	20.944	5.4
23	MP2A	Z	12.092	5.4
24	MP2A	Mx	-.009	5.4
25	MP2B	X	26.988	1
26	MP2B	Z	15.581	1
27	MP2B	Mx	-.021	1
28	MP2B	X	26.988	5.4
29	MP2B	Z	15.581	5.4
30	MP2B	Mx	-.021	5.4
31	MP2C	X	22.259	1
32	MP2C	Z	12.851	1
33	MP2C	Mx	.027	1
34	MP2C	X	22.259	5.4
35	MP2C	Z	12.851	5.4
36	MP2C	Mx	.027	5.4
37	MP3A	X	9.425	2.2
38	MP3A	Z	5.441	2.2
39	MP3A	Mx	-.008	2.2
40	MP3A	X	9.425	4.2
41	MP3A	Z	5.441	4.2
42	MP3A	Mx	-.008	4.2
43	MP3B	X	16.211	2.2
44	MP3B	Z	9.359	2.2
45	MP3B	Mx	0	2.2
46	MP3B	X	16.211	4.2
47	MP3B	Z	9.359	4.2
48	MP3B	Mx	0	4.2
49	MP3C	X	10.901	2.2
50	MP3C	Z	6.294	2.2
51	MP3C	Mx	.008	2.2
52	MP3C	X	10.901	4.2
53	MP3C	Z	6.294	4.2
54	MP3C	Mx	.008	4.2
55	MP3A	X	5.668	3.2
56	MP3A	Z	3.272	3.2
57	MP3A	Mx	.004	3.2
58	MP3B	X	8.194	3.2
59	MP3B	Z	4.731	3.2
60	MP3B	Mx	0	3.2
61	MP3C	X	6.217	3.2
62	MP3C	Z	3.59	3.2
63	MP3C	Mx	-.004	3.2
64	MP2A	X	10.924	3.75
65	MP2A	Z	6.307	3.75
66	MP2A	Mx	.007	3.75
67	MP2B	X	13.994	3.75
68	MP2B	Z	8.08	3.75
69	MP2B	Mx	0	3.75
70	MP2C	X	11.592	3.75
71	MP2C	Z	6.693	3.75
72	MP2C	Mx	-.007	3.75
73	MP2A	X	9.757	2
74	MP2A	Z	5.633	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
75	MP2A	Mx	.007	2
76	MP2B	X	13.994	2
77	MP2B	Z	8.08	2
78	MP2B	Mx	0	2
79	MP2C	X	10.679	2
80	MP2C	Z	6.166	2
81	MP2C	Mx	-.006	2
82	MP2B	X	1.62	6
83	MP2B	Z	.935	6
84	MP2B	Mx	.000623	6
85	MP2B	X	1.62	7
86	MP2B	Z	.935	7
87	MP2B	Mx	.000623	7
88	MP2B	X	1.62	6
89	MP2B	Z	.935	6
90	MP2B	Mx	-.000624	6
91	MP2B	X	1.62	7
92	MP2B	Z	.935	7
93	MP2B	Mx	-.000624	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	14.418	1
2	MP2A	Z	24.973	1
3	MP2A	Mx	-.029	1
4	MP2A	X	14.418	5.4
5	MP2A	Z	24.973	5.4
6	MP2A	Mx	-.029	5.4
7	MP2B	X	14.418	1
8	MP2B	Z	24.973	1
9	MP2B	Mx	.005	1
10	MP2B	X	14.418	5.4
11	MP2B	Z	24.973	5.4
12	MP2B	Mx	.005	5.4
13	MP2C	X	11.069	1
14	MP2C	Z	19.173	1
15	MP2C	Mx	.016	1
16	MP2C	X	11.069	5.4
17	MP2C	Z	19.173	5.4
18	MP2C	Mx	.016	5.4
19	MP2A	X	14.418	1
20	MP2A	Z	24.973	1
21	MP2A	Mx	.005	1
22	MP2A	X	14.418	5.4
23	MP2A	Z	24.973	5.4
24	MP2A	Mx	.005	5.4
25	MP2B	X	14.418	1
26	MP2B	Z	24.973	1
27	MP2B	Mx	-.029	1
28	MP2B	X	14.418	5.4
29	MP2B	Z	24.973	5.4
30	MP2B	Mx	-.029	5.4
31	MP2C	X	11.069	1
32	MP2C	Z	19.173	1
33	MP2C	Mx	.021	1
34	MP2C	X	11.069	5.4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
35	MP2C	Z	19.173	5.4
36	MP2C	Mx	.021	5.4
37	MP3A	X	8.053	2.2
38	MP3A	Z	13.949	2.2
39	MP3A	Mx	-.007	2.2
40	MP3A	X	8.053	4.2
41	MP3A	Z	13.949	4.2
42	MP3A	Mx	-.007	4.2
43	MP3B	X	8.053	2.2
44	MP3B	Z	13.949	2.2
45	MP3B	Mx	-.007	2.2
46	MP3B	X	8.053	4.2
47	MP3B	Z	13.949	4.2
48	MP3B	Mx	-.007	4.2
49	MP3C	X	4.293	2.2
50	MP3C	Z	7.435	2.2
51	MP3C	Mx	.007	2.2
52	MP3C	X	4.293	4.2
53	MP3C	Z	7.435	4.2
54	MP3C	Mx	.007	4.2
55	MP3A	X	4.245	3.2
56	MP3A	Z	7.352	3.2
57	MP3A	Mx	.003	3.2
58	MP3B	X	4.245	3.2
59	MP3B	Z	7.352	3.2
60	MP3B	Mx	.003	3.2
61	MP3C	X	2.845	3.2
62	MP3C	Z	4.927	3.2
63	MP3C	Mx	-.004	3.2
64	MP2A	X	7.489	3.75
65	MP2A	Z	12.971	3.75
66	MP2A	Mx	.005	3.75
67	MP2B	X	7.489	3.75
68	MP2B	Z	12.971	3.75
69	MP2B	Mx	.005	3.75
70	MP2C	X	5.787	3.75
71	MP2C	Z	10.024	3.75
72	MP2C	Mx	-.008	3.75
73	MP2A	X	7.264	2
74	MP2A	Z	12.582	2
75	MP2A	Mx	.005	2
76	MP2B	X	7.264	2
77	MP2B	Z	12.582	2
78	MP2B	Mx	.005	2
79	MP2C	X	4.916	2
80	MP2C	Z	8.515	2
81	MP2C	Mx	-.006	2
82	MP2B	X	1.272	6
83	MP2B	Z	2.204	6
84	MP2B	Mx	.002	6
85	MP2B	X	1.272	7
86	MP2B	Z	2.204	7
87	MP2B	Mx	.002	7
88	MP2B	X	1.272	6
89	MP2B	Z	2.204	6
90	MP2B	Mx	.000538	6
91	MP2B	X	1.272	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
92	MP2B	Z	2.204	7
93	MP2B	Mx	.000538	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	1
2	MP2A	Z	31.163	1
3	MP2A	Mx	-.021	1
4	MP2A	X	0	5.4
5	MP2A	Z	31.163	5.4
6	MP2A	Mx	-.021	5.4
7	MP2B	X	0	1
8	MP2B	Z	24.184	1
9	MP2B	Mx	-.009	1
10	MP2B	X	0	5.4
11	MP2B	Z	24.184	5.4
12	MP2B	Mx	-.009	5.4
13	MP2C	X	0	1
14	MP2C	Z	22.947	1
15	MP2C	Mx	.023	1
16	MP2C	X	0	5.4
17	MP2C	Z	22.947	5.4
18	MP2C	Mx	.023	5.4
19	MP2A	X	0	1
20	MP2A	Z	31.163	1
21	MP2A	Mx	.021	1
22	MP2A	X	0	5.4
23	MP2A	Z	31.163	5.4
24	MP2A	Mx	.021	5.4
25	MP2B	X	0	1
26	MP2B	Z	24.184	1
27	MP2B	Mx	-.026	1
28	MP2B	X	0	5.4
29	MP2B	Z	24.184	5.4
30	MP2B	Mx	-.026	5.4
31	MP2C	X	0	1
32	MP2C	Z	22.947	1
33	MP2C	Mx	.013	1
34	MP2C	X	0	5.4
35	MP2C	Z	22.947	5.4
36	MP2C	Mx	.013	5.4
37	MP3A	X	0	2.2
38	MP3A	Z	18.718	2.2
39	MP3A	Mx	0	2.2
40	MP3A	X	0	4.2
41	MP3A	Z	18.718	4.2
42	MP3A	Mx	0	4.2
43	MP3B	X	0	2.2
44	MP3B	Z	10.883	2.2
45	MP3B	Mx	-.008	2.2
46	MP3B	X	0	4.2
47	MP3B	Z	10.883	4.2
48	MP3B	Mx	-.008	4.2
49	MP3C	X	0	2.2
50	MP3C	Z	9.493	2.2
51	MP3C	Mx	.007	2.2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
52	MP3C	X	0	4.2
53	MP3C	Z	9.493	4.2
54	MP3C	Mx	.007	4.2
55	MP3A	X	0	3.2
56	MP3A	Z	9.462	3.2
57	MP3A	Mx	0	3.2
58	MP3B	X	0	3.2
59	MP3B	Z	6.544	3.2
60	MP3B	Mx	.004	3.2
61	MP3C	X	0	3.2
62	MP3C	Z	6.027	3.2
63	MP3C	Mx	-.004	3.2
64	MP2A	X	0	3.75
65	MP2A	Z	16.159	3.75
66	MP2A	Mx	0	3.75
67	MP2B	X	0	3.75
68	MP2B	Z	12.614	3.75
69	MP2B	Mx	.007	3.75
70	MP2C	X	0	3.75
71	MP2C	Z	11.985	3.75
72	MP2C	Mx	-.008	3.75
73	MP2A	X	0	2
74	MP2A	Z	16.159	2
75	MP2A	Mx	0	2
76	MP2B	X	0	2
77	MP2B	Z	11.267	2
78	MP2B	Mx	.007	2
79	MP2C	X	0	2
80	MP2C	Z	10.399	2
81	MP2C	Mx	-.007	2
82	MP2B	X	0	6
83	MP2B	Z	3.892	6
84	MP2B	Mx	.004	6
85	MP2B	X	0	7
86	MP2B	Z	3.892	7
87	MP2B	Mx	.004	7
88	MP2B	X	0	6
89	MP2B	Z	3.892	6
90	MP2B	Mx	.003	6
91	MP2B	X	0	7
92	MP2B	Z	3.892	7
93	MP2B	Mx	.003	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-14.418	1
2	MP2A	Z	24.973	1
3	MP2A	Mx	-.005	1
4	MP2A	X	-14.418	5.4
5	MP2A	Z	24.973	5.4
6	MP2A	Mx	-.005	5.4
7	MP2B	X	-10.929	1
8	MP2B	Z	18.93	1
9	MP2B	Mx	-.018	1
10	MP2B	X	-10.929	5.4
11	MP2B	Z	18.93	5.4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
12	MP2B	Mx	-.018	5.4
13	MP2C	X	-13.659	1
14	MP2C	Z	23.658	1
15	MP2C	Mx	.029	1
16	MP2C	X	-13.659	5.4
17	MP2C	Z	23.658	5.4
18	MP2C	Mx	.029	5.4
19	MP2A	X	-14.418	1
20	MP2A	Z	24.973	1
21	MP2A	Mx	.029	1
22	MP2A	X	-14.418	5.4
23	MP2A	Z	24.973	5.4
24	MP2A	Mx	.029	5.4
25	MP2B	X	-10.929	1
26	MP2B	Z	18.93	1
27	MP2B	Mx	-.018	1
28	MP2B	X	-10.929	5.4
29	MP2B	Z	18.93	5.4
30	MP2B	Mx	-.018	5.4
31	MP2C	X	-13.659	1
32	MP2C	Z	23.658	1
33	MP2C	Mx	.000682	1
34	MP2C	X	-13.659	5.4
35	MP2C	Z	23.658	5.4
36	MP2C	Mx	.000682	5.4
37	MP3A	X	-8.053	2.2
38	MP3A	Z	13.949	2.2
39	MP3A	Mx	.007	2.2
40	MP3A	X	-8.053	4.2
41	MP3A	Z	13.949	4.2
42	MP3A	Mx	.007	4.2
43	MP3B	X	-4.135	2.2
44	MP3B	Z	7.163	2.2
45	MP3B	Mx	-.007	2.2
46	MP3B	X	-4.135	4.2
47	MP3B	Z	7.163	4.2
48	MP3B	Mx	-.007	4.2
49	MP3C	X	-7.201	2.2
50	MP3C	Z	12.472	2.2
51	MP3C	Mx	.008	2.2
52	MP3C	X	-7.201	4.2
53	MP3C	Z	12.472	4.2
54	MP3C	Mx	.008	4.2
55	MP3A	X	-4.245	3.2
56	MP3A	Z	7.352	3.2
57	MP3A	Mx	-.003	3.2
58	MP3B	X	-2.786	3.2
59	MP3B	Z	4.825	3.2
60	MP3B	Mx	.004	3.2
61	MP3C	X	-3.927	3.2
62	MP3C	Z	6.802	3.2
63	MP3C	Mx	-.003	3.2
64	MP2A	X	-7.489	3.75
65	MP2A	Z	12.971	3.75
66	MP2A	Mx	-.005	3.75
67	MP2B	X	-5.716	3.75
68	MP2B	Z	9.9	3.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
69	MP2B	Mx	.008	3.75
70	MP2C	X	-7.103	3.75
71	MP2C	Z	12.303	3.75
72	MP2C	Mx	-.006	3.75
73	MP2A	X	-7.264	2
74	MP2A	Z	12.582	2
75	MP2A	Mx	-.005	2
76	MP2B	X	-4.818	2
77	MP2B	Z	8.345	2
78	MP2B	Mx	.006	2
79	MP2C	X	-6.732	2
80	MP2C	Z	11.66	2
81	MP2C	Mx	-.006	2
82	MP2B	X	-2.283	6
83	MP2B	Z	3.954	6
84	MP2B	Mx	.005	6
85	MP2B	X	-2.283	7
86	MP2B	Z	3.954	7
87	MP2B	Mx	.005	7
88	MP2B	X	-2.283	6
89	MP2B	Z	3.954	6
90	MP2B	Mx	.005	6
91	MP2B	X	-2.283	7
92	MP2B	Z	3.954	7
93	MP2B	Mx	.005	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-20.944	1
2	MP2A	Z	12.092	1
3	MP2A	Mx	.009	1
4	MP2A	X	-20.944	5.4
5	MP2A	Z	12.092	5.4
6	MP2A	Mx	.009	5.4
7	MP2B	X	-20.944	1
8	MP2B	Z	12.092	1
9	MP2B	Mx	-.026	1
10	MP2B	X	-20.944	5.4
11	MP2B	Z	12.092	5.4
12	MP2B	Mx	-.026	5.4
13	MP2C	X	-26.745	1
14	MP2C	Z	15.441	1
15	MP2C	Mx	.025	1
16	MP2C	X	-26.745	5.4
17	MP2C	Z	15.441	5.4
18	MP2C	Mx	.025	5.4
19	MP2A	X	-20.944	1
20	MP2A	Z	12.092	1
21	MP2A	Mx	.026	1
22	MP2A	X	-20.944	5.4
23	MP2A	Z	12.092	5.4
24	MP2A	Mx	.026	5.4
25	MP2B	X	-20.944	1
26	MP2B	Z	12.092	1
27	MP2B	Mx	-.009	1
28	MP2B	X	-20.944	5.4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
29	MP2B	Z	12.092	5.4
30	MP2B	Mx	-.009	5.4
31	MP2C	X	-26.745	1
32	MP2C	Z	15.441	1
33	MP2C	Mx	-.016	1
34	MP2C	X	-26.745	5.4
35	MP2C	Z	15.441	5.4
36	MP2C	Mx	-.016	5.4
37	MP3A	X	-9.425	2.2
38	MP3A	Z	5.441	2.2
39	MP3A	Mx	.008	2.2
40	MP3A	X	-9.425	4.2
41	MP3A	Z	5.441	4.2
42	MP3A	Mx	.008	4.2
43	MP3B	X	-9.425	2.2
44	MP3B	Z	5.441	2.2
45	MP3B	Mx	-.008	2.2
46	MP3B	X	-9.425	4.2
47	MP3B	Z	5.441	4.2
48	MP3B	Mx	-.008	4.2
49	MP3C	X	-15.938	2.2
50	MP3C	Z	9.202	2.2
51	MP3C	Mx	.003	2.2
52	MP3C	X	-15.938	4.2
53	MP3C	Z	9.202	4.2
54	MP3C	Mx	.003	4.2
55	MP3A	X	-5.668	3.2
56	MP3A	Z	3.272	3.2
57	MP3A	Mx	-.004	3.2
58	MP3B	X	-5.668	3.2
59	MP3B	Z	3.272	3.2
60	MP3B	Mx	.004	3.2
61	MP3C	X	-8.092	3.2
62	MP3C	Z	4.672	3.2
63	MP3C	Mx	-.001	3.2
64	MP2A	X	-10.924	3.75
65	MP2A	Z	6.307	3.75
66	MP2A	Mx	-.007	3.75
67	MP2B	X	-10.924	3.75
68	MP2B	Z	6.307	3.75
69	MP2B	Mx	.007	3.75
70	MP2C	X	-13.871	3.75
71	MP2C	Z	8.008	3.75
72	MP2C	Mx	-.002	3.75
73	MP2A	X	-9.757	2
74	MP2A	Z	5.633	2
75	MP2A	Mx	-.007	2
76	MP2B	X	-9.757	2
77	MP2B	Z	5.633	2
78	MP2B	Mx	.007	2
79	MP2C	X	-13.824	2
80	MP2C	Z	7.981	2
81	MP2C	Mx	-.002	2
82	MP2B	X	-3.37	6
83	MP2B	Z	1.946	6
84	MP2B	Mx	.003	6
85	MP2B	X	-3.37	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
86	MP2B	Z	1.946	7
87	MP2B	Mx	.003	7
88	MP2B	X	-3.37	6
89	MP2B	Z	1.946	6
90	MP2B	Mx	.004	6
91	MP2B	X	-3.37	7
92	MP2B	Z	1.946	7
93	MP2B	Mx	.004	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-21.858	1
2	MP2A	Z	0	1
3	MP2A	Mx	.018	1
4	MP2A	X	-21.858	5.4
5	MP2A	Z	0	5.4
6	MP2A	Mx	.018	5.4
7	MP2B	X	-28.837	1
8	MP2B	Z	0	1
9	MP2B	Mx	-.029	1
10	MP2B	X	-28.837	5.4
11	MP2B	Z	0	5.4
12	MP2B	Mx	-.029	5.4
13	MP2C	X	-30.074	1
14	MP2C	Z	0	1
15	MP2C	Mx	.01	1
16	MP2C	X	-30.074	5.4
17	MP2C	Z	0	5.4
18	MP2C	Mx	.01	5.4
19	MP2A	X	-21.858	1
20	MP2A	Z	0	1
21	MP2A	Mx	.018	1
22	MP2A	X	-21.858	5.4
23	MP2A	Z	0	5.4
24	MP2A	Mx	.018	5.4
25	MP2B	X	-28.837	1
26	MP2B	Z	0	1
27	MP2B	Mx	.005	1
28	MP2B	X	-28.837	5.4
29	MP2B	Z	0	5.4
30	MP2B	Mx	.005	5.4
31	MP2C	X	-30.074	1
32	MP2C	Z	0	1
33	MP2C	Mx	-.027	1
34	MP2C	X	-30.074	5.4
35	MP2C	Z	0	5.4
36	MP2C	Mx	-.027	5.4
37	MP3A	X	-8.271	2.2
38	MP3A	Z	0	2.2
39	MP3A	Mx	.007	2.2
40	MP3A	X	-8.271	4.2
41	MP3A	Z	0	4.2
42	MP3A	Mx	.007	4.2
43	MP3B	X	-16.106	2.2
44	MP3B	Z	0	2.2
45	MP3B	Mx	-.007	2.2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
46	MP3B	X	-16.106	4.2
47	MP3B	Z	0	4.2
48	MP3B	Mx	-.007	4.2
49	MP3C	X	-17.496	2.2
50	MP3C	Z	0	2.2
51	MP3C	Mx	-.005	2.2
52	MP3C	X	-17.496	4.2
53	MP3C	Z	0	4.2
54	MP3C	Mx	-.005	4.2
55	MP3A	X	-5.572	3.2
56	MP3A	Z	0	3.2
57	MP3A	Mx	-.004	3.2
58	MP3B	X	-8.489	3.2
59	MP3B	Z	0	3.2
60	MP3B	Mx	.003	3.2
61	MP3C	X	-9.007	3.2
62	MP3C	Z	0	3.2
63	MP3C	Mx	.002	3.2
64	MP2A	X	-11.432	3.75
65	MP2A	Z	0	3.75
66	MP2A	Mx	-.008	3.75
67	MP2B	X	-14.977	3.75
68	MP2B	Z	0	3.75
69	MP2B	Mx	.005	3.75
70	MP2C	X	-15.606	3.75
71	MP2C	Z	0	3.75
72	MP2C	Mx	.004	3.75
73	MP2A	X	-9.636	2
74	MP2A	Z	0	2
75	MP2A	Mx	-.006	2
76	MP2B	X	-14.528	2
77	MP2B	Z	0	2
78	MP2B	Mx	.005	2
79	MP2C	X	-15.396	2
80	MP2C	Z	0	2
81	MP2C	Mx	.004	2
82	MP2B	X	-2.545	6
83	MP2B	Z	0	6
84	MP2B	Mx	.000538	6
85	MP2B	X	-2.545	7
86	MP2B	Z	0	7
87	MP2B	Mx	.000538	7
88	MP2B	X	-2.545	6
89	MP2B	Z	0	6
90	MP2B	Mx	.002	6
91	MP2B	X	-2.545	7
92	MP2B	Z	0	7
93	MP2B	Mx	.002	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-20.944	1
2	MP2A	Z	-12.092	1
3	MP2A	Mx	.026	1
4	MP2A	X	-20.944	5.4
5	MP2A	Z	-12.092	5.4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
6	MP2A	Mx	.026	5.4
7	MP2B	X	-26.988	1
8	MP2B	Z	-15.581	1
9	MP2B	Mx	-.021	1
10	MP2B	X	-26.988	5.4
11	MP2B	Z	-15.581	5.4
12	MP2B	Mx	-.021	5.4
13	MP2C	X	-22.259	1
14	MP2C	Z	-12.851	1
15	MP2C	Mx	-.005	1
16	MP2C	X	-22.259	5.4
17	MP2C	Z	-12.851	5.4
18	MP2C	Mx	-.005	5.4
19	MP2A	X	-20.944	1
20	MP2A	Z	-12.092	1
21	MP2A	Mx	.009	1
22	MP2A	X	-20.944	5.4
23	MP2A	Z	-12.092	5.4
24	MP2A	Mx	.009	5.4
25	MP2B	X	-26.988	1
26	MP2B	Z	-15.581	1
27	MP2B	Mx	.021	1
28	MP2B	X	-26.988	5.4
29	MP2B	Z	-15.581	5.4
30	MP2B	Mx	.021	5.4
31	MP2C	X	-22.259	1
32	MP2C	Z	-12.851	1
33	MP2C	Mx	-.027	1
34	MP2C	X	-22.259	5.4
35	MP2C	Z	-12.851	5.4
36	MP2C	Mx	-.027	5.4
37	MP3A	X	-9.425	2.2
38	MP3A	Z	-5.441	2.2
39	MP3A	Mx	.008	2.2
40	MP3A	X	-9.425	4.2
41	MP3A	Z	-5.441	4.2
42	MP3A	Mx	.008	4.2
43	MP3B	X	-16.211	2.2
44	MP3B	Z	-9.359	2.2
45	MP3B	Mx	0	2.2
46	MP3B	X	-16.211	4.2
47	MP3B	Z	-9.359	4.2
48	MP3B	Mx	0	4.2
49	MP3C	X	-10.901	2.2
50	MP3C	Z	-6.294	2.2
51	MP3C	Mx	-.008	2.2
52	MP3C	X	-10.901	4.2
53	MP3C	Z	-6.294	4.2
54	MP3C	Mx	-.008	4.2
55	MP3A	X	-5.668	3.2
56	MP3A	Z	-3.272	3.2
57	MP3A	Mx	-.004	3.2
58	MP3B	X	-8.194	3.2
59	MP3B	Z	-4.731	3.2
60	MP3B	Mx	0	3.2
61	MP3C	X	-6.217	3.2
62	MP3C	Z	-3.59	3.2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
63	MP3C	Mx	.004	3.2
64	MP2A	X	-10.924	3.75
65	MP2A	Z	-6.307	3.75
66	MP2A	Mx	-.007	3.75
67	MP2B	X	-13.994	3.75
68	MP2B	Z	-8.08	3.75
69	MP2B	Mx	0	3.75
70	MP2C	X	-11.592	3.75
71	MP2C	Z	-6.693	3.75
72	MP2C	Mx	.007	3.75
73	MP2A	X	-9.757	2
74	MP2A	Z	-5.633	2
75	MP2A	Mx	-.007	2
76	MP2B	X	-13.994	2
77	MP2B	Z	-8.08	2
78	MP2B	Mx	0	2
79	MP2C	X	-10.679	2
80	MP2C	Z	-6.166	2
81	MP2C	Mx	.006	2
82	MP2B	X	-1.62	6
83	MP2B	Z	-.935	6
84	MP2B	Mx	-.000623	6
85	MP2B	X	-1.62	7
86	MP2B	Z	-.935	7
87	MP2B	Mx	-.000623	7
88	MP2B	X	-1.62	6
89	MP2B	Z	-.935	6
90	MP2B	Mx	.000624	6
91	MP2B	X	-1.62	7
92	MP2B	Z	-.935	7
93	MP2B	Mx	.000624	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-14.418	1
2	MP2A	Z	-24.973	1
3	MP2A	Mx	.029	1
4	MP2A	X	-14.418	5.4
5	MP2A	Z	-24.973	5.4
6	MP2A	Mx	.029	5.4
7	MP2B	X	-14.418	1
8	MP2B	Z	-24.973	1
9	MP2B	Mx	-.005	1
10	MP2B	X	-14.418	5.4
11	MP2B	Z	-24.973	5.4
12	MP2B	Mx	-.005	5.4
13	MP2C	X	-11.069	1
14	MP2C	Z	-19.173	1
15	MP2C	Mx	-.016	1
16	MP2C	X	-11.069	5.4
17	MP2C	Z	-19.173	5.4
18	MP2C	Mx	-.016	5.4
19	MP2A	X	-14.418	1
20	MP2A	Z	-24.973	1
21	MP2A	Mx	-.005	1
22	MP2A	X	-14.418	5.4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
23	MP2A	Z	-24.973	5.4
24	MP2A	Mx	-.005	5.4
25	MP2B	X	-14.418	1
26	MP2B	Z	-24.973	1
27	MP2B	Mx	.029	1
28	MP2B	X	-14.418	5.4
29	MP2B	Z	-24.973	5.4
30	MP2B	Mx	.029	5.4
31	MP2C	X	-11.069	1
32	MP2C	Z	-19.173	1
33	MP2C	Mx	-.021	1
34	MP2C	X	-11.069	5.4
35	MP2C	Z	-19.173	5.4
36	MP2C	Mx	-.021	5.4
37	MP3A	X	-8.053	2.2
38	MP3A	Z	-13.949	2.2
39	MP3A	Mx	.007	2.2
40	MP3A	X	-8.053	4.2
41	MP3A	Z	-13.949	4.2
42	MP3A	Mx	.007	4.2
43	MP3B	X	-8.053	2.2
44	MP3B	Z	-13.949	2.2
45	MP3B	Mx	.007	2.2
46	MP3B	X	-8.053	4.2
47	MP3B	Z	-13.949	4.2
48	MP3B	Mx	.007	4.2
49	MP3C	X	-4.293	2.2
50	MP3C	Z	-7.435	2.2
51	MP3C	Mx	-.007	2.2
52	MP3C	X	-4.293	4.2
53	MP3C	Z	-7.435	4.2
54	MP3C	Mx	-.007	4.2
55	MP3A	X	-4.245	3.2
56	MP3A	Z	-7.352	3.2
57	MP3A	Mx	-.003	3.2
58	MP3B	X	-4.245	3.2
59	MP3B	Z	-7.352	3.2
60	MP3B	Mx	-.003	3.2
61	MP3C	X	-2.845	3.2
62	MP3C	Z	-4.927	3.2
63	MP3C	Mx	.004	3.2
64	MP2A	X	-7.489	3.75
65	MP2A	Z	-12.971	3.75
66	MP2A	Mx	-.005	3.75
67	MP2B	X	-7.489	3.75
68	MP2B	Z	-12.971	3.75
69	MP2B	Mx	-.005	3.75
70	MP2C	X	-5.787	3.75
71	MP2C	Z	-10.024	3.75
72	MP2C	Mx	.008	3.75
73	MP2A	X	-7.264	2
74	MP2A	Z	-12.582	2
75	MP2A	Mx	-.005	2
76	MP2B	X	-7.264	2
77	MP2B	Z	-12.582	2
78	MP2B	Mx	-.005	2
79	MP2C	X	-4.916	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
80	MP2C	Z	-8.515	2
81	MP2C	Mx	.006	2
82	MP2B	X	-1.272	6
83	MP2B	Z	-2.204	6
84	MP2B	Mx	-.002	6
85	MP2B	X	-1.272	7
86	MP2B	Z	-2.204	7
87	MP2B	Mx	-.002	7
88	MP2B	X	-1.272	6
89	MP2B	Z	-2.204	6
90	MP2B	Mx	-.000538	6
91	MP2B	X	-1.272	7
92	MP2B	Z	-2.204	7
93	MP2B	Mx	-.000538	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	1
2	MP2A	Z	-9.708	1
3	MP2A	Mx	.006	1
4	MP2A	X	0	5.4
5	MP2A	Z	-9.708	5.4
6	MP2A	Mx	.006	5.4
7	MP2B	X	0	1
8	MP2B	Z	-7.258	1
9	MP2B	Mx	.003	1
10	MP2B	X	0	5.4
11	MP2B	Z	-7.258	5.4
12	MP2B	Mx	.003	5.4
13	MP2C	X	0	1
14	MP2C	Z	-6.824	1
15	MP2C	Mx	-.007	1
16	MP2C	X	0	5.4
17	MP2C	Z	-6.824	5.4
18	MP2C	Mx	-.007	5.4
19	MP2A	X	0	1
20	MP2A	Z	-9.708	1
21	MP2A	Mx	-.006	1
22	MP2A	X	0	5.4
23	MP2A	Z	-9.708	5.4
24	MP2A	Mx	-.006	5.4
25	MP2B	X	0	1
26	MP2B	Z	-7.258	1
27	MP2B	Mx	.008	1
28	MP2B	X	0	5.4
29	MP2B	Z	-7.258	5.4
30	MP2B	Mx	.008	5.4
31	MP2C	X	0	1
32	MP2C	Z	-6.824	1
33	MP2C	Mx	-.004	1
34	MP2C	X	0	5.4
35	MP2C	Z	-6.824	5.4
36	MP2C	Mx	-.004	5.4
37	MP3A	X	0	2.2
38	MP3A	Z	-4.727	2.2
39	MP3A	Mx	0	2.2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
40	MP3A	X	0	4.2
41	MP3A	Z	-4.727	4.2
42	MP3A	Mx	0	4.2
43	MP3B	X	0	2.2
44	MP3B	Z	-2.403	2.2
45	MP3B	Mx	.002	2.2
46	MP3B	X	0	4.2
47	MP3B	Z	-2.403	4.2
48	MP3B	Mx	.002	4.2
49	MP3C	X	0	2.2
50	MP3C	Z	-1.991	2.2
51	MP3C	Mx	-.002	2.2
52	MP3C	X	0	4.2
53	MP3C	Z	-1.991	4.2
54	MP3C	Mx	-.002	4.2
55	MP3A	X	0	3.2
56	MP3A	Z	-1.737	3.2
57	MP3A	Mx	0	3.2
58	MP3B	X	0	3.2
59	MP3B	Z	-1.049	3.2
60	MP3B	Mx	-.000606	3.2
61	MP3C	X	0	3.2
62	MP3C	Z	-.927	3.2
63	MP3C	Mx	.000581	3.2
64	MP2A	X	0	3.75
65	MP2A	Z	-3.738	3.75
66	MP2A	Mx	0	3.75
67	MP2B	X	0	3.75
68	MP2B	Z	-2.816	3.75
69	MP2B	Mx	-.002	3.75
70	MP2C	X	0	3.75
71	MP2C	Z	-2.652	3.75
72	MP2C	Mx	.002	3.75
73	MP2A	X	0	2
74	MP2A	Z	-3.738	2
75	MP2A	Mx	0	2
76	MP2B	X	0	2
77	MP2B	Z	-2.472	2
78	MP2B	Mx	-.001	2
79	MP2C	X	0	2
80	MP2C	Z	-2.248	2
81	MP2C	Mx	.001	2
82	MP2B	X	0	6
83	MP2B	Z	-1.16	6
84	MP2B	Mx	-.001	6
85	MP2B	X	0	7
86	MP2B	Z	-1.16	7
87	MP2B	Mx	-.001	7
88	MP2B	X	0	6
89	MP2B	Z	-1.16	6
90	MP2B	Mx	-.000811	6
91	MP2B	X	0	7
92	MP2B	Z	-1.16	7
93	MP2B	Mx	-.000811	7

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

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

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	4.446	1
2	MP2A	Z	-7.7	1
3	MP2A	Mx	.001	1
4	MP2A	X	4.446	5.4
5	MP2A	Z	-7.7	5.4
6	MP2A	Mx	.001	5.4
7	MP2B	X	3.221	1
8	MP2B	Z	-5.579	1
9	MP2B	Mx	.005	1
10	MP2B	X	3.221	5.4
11	MP2B	Z	-5.579	5.4
12	MP2B	Mx	.005	5.4
13	MP2C	X	4.179	1
14	MP2C	Z	-7.238	1
15	MP2C	Mx	-.009	1
16	MP2C	X	4.179	5.4
17	MP2C	Z	-7.238	5.4
18	MP2C	Mx	-.009	5.4
19	MP2A	X	4.446	1
20	MP2A	Z	-7.7	1
21	MP2A	Mx	-.009	1
22	MP2A	X	4.446	5.4
23	MP2A	Z	-7.7	5.4
24	MP2A	Mx	-.009	5.4
25	MP2B	X	3.221	1
26	MP2B	Z	-5.579	1
27	MP2B	Mx	.005	1
28	MP2B	X	3.221	5.4
29	MP2B	Z	-5.579	5.4
30	MP2B	Mx	.005	5.4
31	MP2C	X	4.179	1
32	MP2C	Z	-7.238	1
33	MP2C	Mx	-.000208	1
34	MP2C	X	4.179	5.4
35	MP2C	Z	-7.238	5.4
36	MP2C	Mx	-.000208	5.4
37	MP3A	X	1.976	2.2
38	MP3A	Z	-3.423	2.2
39	MP3A	Mx	-.002	2.2
40	MP3A	X	1.976	4.2
41	MP3A	Z	-3.423	4.2
42	MP3A	Mx	-.002	4.2
43	MP3B	X	.814	2.2
44	MP3B	Z	-1.41	2.2
45	MP3B	Mx	.001	2.2
46	MP3B	X	.814	4.2
47	MP3B	Z	-1.41	4.2
48	MP3B	Mx	.001	4.2
49	MP3C	X	1.723	2.2
50	MP3C	Z	-2.985	2.2
51	MP3C	Mx	-.002	2.2
52	MP3C	X	1.723	4.2
53	MP3C	Z	-2.985	4.2
54	MP3C	Mx	-.002	4.2
55	MP3A	X	.754	3.2
56	MP3A	Z	-1.305	3.2
57	MP3A	Mx	.000503	3.2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3B	X	.41	3.2
59	MP3B	Z	-.71	3.2
60	MP3B	Mx	-.000547	3.2
61	MP3C	X	.679	3.2
62	MP3C	Z	-1.176	3.2
63	MP3C	Mx	.000582	3.2
64	MP2A	X	1.715	3.75
65	MP2A	Z	-2.971	3.75
66	MP2A	Mx	.001	3.75
67	MP2B	X	1.254	3.75
68	MP2B	Z	-2.172	3.75
69	MP2B	Mx	-.002	3.75
70	MP2C	X	1.615	3.75
71	MP2C	Z	-2.797	3.75
72	MP2C	Mx	.001	3.75
73	MP2A	X	1.658	2
74	MP2A	Z	-2.872	2
75	MP2A	Mx	.001	2
76	MP2B	X	1.025	2
77	MP2B	Z	-1.775	2
78	MP2B	Mx	-.001	2
79	MP2C	X	1.52	2
80	MP2C	Z	-2.633	2
81	MP2C	Mx	.001	2
82	MP2B	X	.581	6
83	MP2B	Z	-1.006	6
84	MP2B	Mx	-.001	6
85	MP2B	X	.581	7
86	MP2B	Z	-1.006	7
87	MP2B	Mx	-.001	7
88	MP2B	X	.581	6
89	MP2B	Z	-1.006	6
90	MP2B	Mx	-.001	6
91	MP2B	X	.581	7
92	MP2B	Z	-1.006	7
93	MP2B	Mx	-.001	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	6.286	1
2	MP2A	Z	-3.629	1
3	MP2A	Mx	-.003	1
4	MP2A	X	6.286	5.4
5	MP2A	Z	-3.629	5.4
6	MP2A	Mx	-.003	5.4
7	MP2B	X	6.286	1
8	MP2B	Z	-3.629	1
9	MP2B	Mx	.008	1
10	MP2B	X	6.286	5.4
11	MP2B	Z	-3.629	5.4
12	MP2B	Mx	.008	5.4
13	MP2C	X	8.322	1
14	MP2C	Z	-4.805	1
15	MP2C	Mx	-.008	1
16	MP2C	X	8.322	5.4
17	MP2C	Z	-4.805	5.4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
18	MP2C	Mx	-.008	5.4
19	MP2A	X	6.286	1
20	MP2A	Z	-3.629	1
21	MP2A	Mx	-.008	1
22	MP2A	X	6.286	5.4
23	MP2A	Z	-3.629	5.4
24	MP2A	Mx	-.008	5.4
25	MP2B	X	6.286	1
26	MP2B	Z	-3.629	1
27	MP2B	Mx	.003	1
28	MP2B	X	6.286	5.4
29	MP2B	Z	-3.629	5.4
30	MP2B	Mx	.003	5.4
31	MP2C	X	8.322	1
32	MP2C	Z	-4.805	1
33	MP2C	Mx	.005	1
34	MP2C	X	8.322	5.4
35	MP2C	Z	-4.805	5.4
36	MP2C	Mx	.005	5.4
37	MP3A	X	2.081	2.2
38	MP3A	Z	-1.201	2.2
39	MP3A	Mx	-.002	2.2
40	MP3A	X	2.081	4.2
41	MP3A	Z	-1.201	4.2
42	MP3A	Mx	-.002	4.2
43	MP3B	X	2.081	2.2
44	MP3B	Z	-1.201	2.2
45	MP3B	Mx	.002	2.2
46	MP3B	X	2.081	4.2
47	MP3B	Z	-1.201	4.2
48	MP3B	Mx	.002	4.2
49	MP3C	X	4.013	2.2
50	MP3C	Z	-2.317	2.2
51	MP3C	Mx	-.000671	2.2
52	MP3C	X	4.013	4.2
53	MP3C	Z	-2.317	4.2
54	MP3C	Mx	-.000671	4.2
55	MP3A	X	.909	3.2
56	MP3A	Z	-.525	3.2
57	MP3A	Mx	.000606	3.2
58	MP3B	X	.909	3.2
59	MP3B	Z	-.525	3.2
60	MP3B	Mx	-.000606	3.2
61	MP3C	X	1.48	3.2
62	MP3C	Z	-.854	3.2
63	MP3C	Mx	.000198	3.2
64	MP2A	X	2.439	3.75
65	MP2A	Z	-1.408	3.75
66	MP2A	Mx	.002	3.75
67	MP2B	X	2.439	3.75
68	MP2B	Z	-1.408	3.75
69	MP2B	Mx	-.002	3.75
70	MP2C	X	3.205	3.75
71	MP2C	Z	-1.851	3.75
72	MP2C	Mx	.000429	3.75
73	MP2A	X	2.141	2
74	MP2A	Z	-1.236	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
75	MP2A	Mx	.001	2
76	MP2B	X	2.141	2
77	MP2B	Z	-1.236	2
78	MP2B	Mx	-.001	2
79	MP2C	X	3.193	2
80	MP2C	Z	-1.844	2
81	MP2C	Mx	.000427	2
82	MP2B	X	1.005	6
83	MP2B	Z	-.58	6
84	MP2B	Mx	-.000811	6
85	MP2B	X	1.005	7
86	MP2B	Z	-.58	7
87	MP2B	Mx	-.000811	7
88	MP2B	X	1.005	6
89	MP2B	Z	-.58	6
90	MP2B	Mx	-.001	6
91	MP2B	X	1.005	7
92	MP2B	Z	-.58	7
93	MP2B	Mx	-.001	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	6.442	1
2	MP2A	Z	0	1
3	MP2A	Mx	-.005	1
4	MP2A	X	6.442	5.4
5	MP2A	Z	0	5.4
6	MP2A	Mx	-.005	5.4
7	MP2B	X	8.891	1
8	MP2B	Z	0	1
9	MP2B	Mx	.009	1
10	MP2B	X	8.891	5.4
11	MP2B	Z	0	5.4
12	MP2B	Mx	.009	5.4
13	MP2C	X	9.326	1
14	MP2C	Z	0	1
15	MP2C	Mx	-.003	1
16	MP2C	X	9.326	5.4
17	MP2C	Z	0	5.4
18	MP2C	Mx	-.003	5.4
19	MP2A	X	6.442	1
20	MP2A	Z	0	1
21	MP2A	Mx	-.005	1
22	MP2A	X	6.442	5.4
23	MP2A	Z	0	5.4
24	MP2A	Mx	-.005	5.4
25	MP2B	X	8.891	1
26	MP2B	Z	0	1
27	MP2B	Mx	-.001	1
28	MP2B	X	8.891	5.4
29	MP2B	Z	0	5.4
30	MP2B	Mx	-.001	5.4
31	MP2C	X	9.326	1
32	MP2C	Z	0	1
33	MP2C	Mx	.009	1
34	MP2C	X	9.326	5.4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
35	MP2C	Z	0	5.4
36	MP2C	Mx	.009	5.4
37	MP3A	X	1.628	2.2
38	MP3A	Z	0	2.2
39	MP3A	Mx	-.001	2.2
40	MP3A	X	1.628	4.2
41	MP3A	Z	0	4.2
42	MP3A	Mx	-.001	4.2
43	MP3B	X	3.952	2.2
44	MP3B	Z	0	2.2
45	MP3B	Mx	.002	2.2
46	MP3B	X	3.952	4.2
47	MP3B	Z	0	4.2
48	MP3B	Mx	.002	4.2
49	MP3C	X	4.365	2.2
50	MP3C	Z	0	2.2
51	MP3C	Mx	.001	2.2
52	MP3C	X	4.365	4.2
53	MP3C	Z	0	4.2
54	MP3C	Mx	.001	4.2
55	MP3A	X	.82	3.2
56	MP3A	Z	0	3.2
57	MP3A	Mx	.000547	3.2
58	MP3B	X	1.507	3.2
59	MP3B	Z	0	3.2
60	MP3B	Mx	-.000502	3.2
61	MP3C	X	1.629	3.2
62	MP3C	Z	0	3.2
63	MP3C	Mx	-.000371	3.2
64	MP2A	X	2.508	3.75
65	MP2A	Z	0	3.75
66	MP2A	Mx	.002	3.75
67	MP2B	X	3.431	3.75
68	MP2B	Z	0	3.75
69	MP2B	Mx	-.001	3.75
70	MP2C	X	3.594	3.75
71	MP2C	Z	0	3.75
72	MP2C	Mx	-.000819	3.75
73	MP2A	X	2.05	2
74	MP2A	Z	0	2
75	MP2A	Mx	.001	2
76	MP2B	X	3.316	2
77	MP2B	Z	0	2
78	MP2B	Mx	-.001	2
79	MP2C	X	3.541	2
80	MP2C	Z	0	2
81	MP2C	Mx	-.000807	2
82	MP2B	X	1.159	6
83	MP2B	Z	0	6
84	MP2B	Mx	-.000245	6
85	MP2B	X	1.159	7
86	MP2B	Z	0	7
87	MP2B	Mx	-.000245	7
88	MP2B	X	1.159	6
89	MP2B	Z	0	6
90	MP2B	Mx	-.000914	6
91	MP2B	X	1.159	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
92	MP2B	Z	0	7
93	MP2B	Mx	-.000914	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	6.286	1
2	MP2A	Z	3.629	1
3	MP2A	Mx	-.008	1
4	MP2A	X	6.286	5.4
5	MP2A	Z	3.629	5.4
6	MP2A	Mx	-.008	5.4
7	MP2B	X	8.407	1
8	MP2B	Z	4.854	1
9	MP2B	Mx	.006	1
10	MP2B	X	8.407	5.4
11	MP2B	Z	4.854	5.4
12	MP2B	Mx	.006	5.4
13	MP2C	X	6.747	1
14	MP2C	Z	3.896	1
15	MP2C	Mx	.002	1
16	MP2C	X	6.747	5.4
17	MP2C	Z	3.896	5.4
18	MP2C	Mx	.002	5.4
19	MP2A	X	6.286	1
20	MP2A	Z	3.629	1
21	MP2A	Mx	-.003	1
22	MP2A	X	6.286	5.4
23	MP2A	Z	3.629	5.4
24	MP2A	Mx	-.003	5.4
25	MP2B	X	8.407	1
26	MP2B	Z	4.854	1
27	MP2B	Mx	-.006	1
28	MP2B	X	8.407	5.4
29	MP2B	Z	4.854	5.4
30	MP2B	Mx	-.006	5.4
31	MP2C	X	6.747	1
32	MP2C	Z	3.896	1
33	MP2C	Mx	.008	1
34	MP2C	X	6.747	5.4
35	MP2C	Z	3.896	5.4
36	MP2C	Mx	.008	5.4
37	MP3A	X	2.081	2.2
38	MP3A	Z	1.201	2.2
39	MP3A	Mx	-.002	2.2
40	MP3A	X	2.081	4.2
41	MP3A	Z	1.201	4.2
42	MP3A	Mx	-.002	4.2
43	MP3B	X	4.094	2.2
44	MP3B	Z	2.364	2.2
45	MP3B	Mx	0	2.2
46	MP3B	X	4.094	4.2
47	MP3B	Z	2.364	4.2
48	MP3B	Mx	0	4.2
49	MP3C	X	2.519	2.2
50	MP3C	Z	1.454	2.2
51	MP3C	Mx	.002	2.2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
52	MP3C	X	2.519	4.2
53	MP3C	Z	1.454	4.2
54	MP3C	Mx	.002	4.2
55	MP3A	X	.909	3.2
56	MP3A	Z	.525	3.2
57	MP3A	Mx	.000606	3.2
58	MP3B	X	1.504	3.2
59	MP3B	Z	.868	3.2
60	MP3B	Mx	0	3.2
61	MP3C	X	1.038	3.2
62	MP3C	Z	.599	3.2
63	MP3C	Mx	-.000612	3.2
64	MP2A	X	2.439	3.75
65	MP2A	Z	1.408	3.75
66	MP2A	Mx	.002	3.75
67	MP2B	X	3.238	3.75
68	MP2B	Z	1.869	3.75
69	MP2B	Mx	0	3.75
70	MP2C	X	2.612	3.75
71	MP2C	Z	1.508	3.75
72	MP2C	Mx	-.002	3.75
73	MP2A	X	2.141	2
74	MP2A	Z	1.236	2
75	MP2A	Mx	.001	2
76	MP2B	X	3.238	2
77	MP2B	Z	1.869	2
78	MP2B	Mx	0	2
79	MP2C	X	2.38	2
80	MP2C	Z	1.374	2
81	MP2C	Mx	-.001	2
82	MP2B	X	1.003	6
83	MP2B	Z	.579	6
84	MP2B	Mx	.000386	6
85	MP2B	X	1.003	7
86	MP2B	Z	.579	7
87	MP2B	Mx	.000386	7
88	MP2B	X	1.003	6
89	MP2B	Z	.579	6
90	MP2B	Mx	-.000386	6
91	MP2B	X	1.003	7
92	MP2B	Z	.579	7
93	MP2B	Mx	-.000386	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	4.446	1
2	MP2A	Z	7.7	1
3	MP2A	Mx	-.009	1
4	MP2A	X	4.446	5.4
5	MP2A	Z	7.7	5.4
6	MP2A	Mx	-.009	5.4
7	MP2B	X	4.446	1
8	MP2B	Z	7.7	1
9	MP2B	Mx	.001	1
10	MP2B	X	4.446	5.4
11	MP2B	Z	7.7	5.4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
12	MP2B	Mx	.001	5.4
13	MP2C	X	3.27	1
14	MP2C	Z	5.664	1
15	MP2C	Mx	.005	1
16	MP2C	X	3.27	5.4
17	MP2C	Z	5.664	5.4
18	MP2C	Mx	.005	5.4
19	MP2A	X	4.446	1
20	MP2A	Z	7.7	1
21	MP2A	Mx	.001	1
22	MP2A	X	4.446	5.4
23	MP2A	Z	7.7	5.4
24	MP2A	Mx	.001	5.4
25	MP2B	X	4.446	1
26	MP2B	Z	7.7	1
27	MP2B	Mx	-.009	1
28	MP2B	X	4.446	5.4
29	MP2B	Z	7.7	5.4
30	MP2B	Mx	-.009	5.4
31	MP2C	X	3.27	1
32	MP2C	Z	5.664	1
33	MP2C	Mx	.006	1
34	MP2C	X	3.27	5.4
35	MP2C	Z	5.664	5.4
36	MP2C	Mx	.006	5.4
37	MP3A	X	1.976	2.2
38	MP3A	Z	3.423	2.2
39	MP3A	Mx	-.002	2.2
40	MP3A	X	1.976	4.2
41	MP3A	Z	3.423	4.2
42	MP3A	Mx	-.002	4.2
43	MP3B	X	1.976	2.2
44	MP3B	Z	3.423	2.2
45	MP3B	Mx	-.002	2.2
46	MP3B	X	1.976	4.2
47	MP3B	Z	3.423	4.2
48	MP3B	Mx	-.002	4.2
49	MP3C	X	.861	2.2
50	MP3C	Z	1.491	2.2
51	MP3C	Mx	.001	2.2
52	MP3C	X	.861	4.2
53	MP3C	Z	1.491	4.2
54	MP3C	Mx	.001	4.2
55	MP3A	X	.754	3.2
56	MP3A	Z	1.305	3.2
57	MP3A	Mx	.000503	3.2
58	MP3B	X	.754	3.2
59	MP3B	Z	1.305	3.2
60	MP3B	Mx	.000502	3.2
61	MP3C	X	.424	3.2
62	MP3C	Z	.734	3.2
63	MP3C	Mx	-.000557	3.2
64	MP2A	X	1.715	3.75
65	MP2A	Z	2.971	3.75
66	MP2A	Mx	.001	3.75
67	MP2B	X	1.715	3.75
68	MP2B	Z	2.971	3.75

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
69	MP2B	Mx	.001	3.75
70	MP2C	X	1.273	3.75
71	MP2C	Z	2.204	3.75
72	MP2C	Mx	-.002	3.75
73	MP2A	X	1.658	2
74	MP2A	Z	2.872	2
75	MP2A	Mx	.001	2
76	MP2B	X	1.658	2
77	MP2B	Z	2.872	2
78	MP2B	Mx	.001	2
79	MP2C	X	1.05	2
80	MP2C	Z	1.82	2
81	MP2C	Mx	-.001	2
82	MP2B	X	.579	6
83	MP2B	Z	1.003	6
84	MP2B	Mx	.000913	6
85	MP2B	X	.579	7
86	MP2B	Z	1.003	7
87	MP2B	Mx	.000913	7
88	MP2B	X	.579	6
89	MP2B	Z	1.003	6
90	MP2B	Mx	.000245	6
91	MP2B	X	.579	7
92	MP2B	Z	1.003	7
93	MP2B	Mx	.000245	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	1
2	MP2A	Z	9.708	1
3	MP2A	Mx	-.006	1
4	MP2A	X	0	5.4
5	MP2A	Z	9.708	5.4
6	MP2A	Mx	-.006	5.4
7	MP2B	X	0	1
8	MP2B	Z	7.258	1
9	MP2B	Mx	-.003	1
10	MP2B	X	0	5.4
11	MP2B	Z	7.258	5.4
12	MP2B	Mx	-.003	5.4
13	MP2C	X	0	1
14	MP2C	Z	6.824	1
15	MP2C	Mx	.007	1
16	MP2C	X	0	5.4
17	MP2C	Z	6.824	5.4
18	MP2C	Mx	.007	5.4
19	MP2A	X	0	1
20	MP2A	Z	9.708	1
21	MP2A	Mx	.006	1
22	MP2A	X	0	5.4
23	MP2A	Z	9.708	5.4
24	MP2A	Mx	.006	5.4
25	MP2B	X	0	1
26	MP2B	Z	7.258	1
27	MP2B	Mx	-.008	1
28	MP2B	X	0	5.4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
29	MP2B	Z	7.258	5.4
30	MP2B	Mx	-.008	5.4
31	MP2C	X	0	1
32	MP2C	Z	6.824	1
33	MP2C	Mx	.004	1
34	MP2C	X	0	5.4
35	MP2C	Z	6.824	5.4
36	MP2C	Mx	.004	5.4
37	MP3A	X	0	2.2
38	MP3A	Z	4.727	2.2
39	MP3A	Mx	0	2.2
40	MP3A	X	0	4.2
41	MP3A	Z	4.727	4.2
42	MP3A	Mx	0	4.2
43	MP3B	X	0	2.2
44	MP3B	Z	2.403	2.2
45	MP3B	Mx	-.002	2.2
46	MP3B	X	0	4.2
47	MP3B	Z	2.403	4.2
48	MP3B	Mx	-.002	4.2
49	MP3C	X	0	2.2
50	MP3C	Z	1.991	2.2
51	MP3C	Mx	.002	2.2
52	MP3C	X	0	4.2
53	MP3C	Z	1.991	4.2
54	MP3C	Mx	.002	4.2
55	MP3A	X	0	3.2
56	MP3A	Z	1.737	3.2
57	MP3A	Mx	0	3.2
58	MP3B	X	0	3.2
59	MP3B	Z	1.049	3.2
60	MP3B	Mx	.000606	3.2
61	MP3C	X	0	3.2
62	MP3C	Z	.927	3.2
63	MP3C	Mx	-.000581	3.2
64	MP2A	X	0	3.75
65	MP2A	Z	3.738	3.75
66	MP2A	Mx	0	3.75
67	MP2B	X	0	3.75
68	MP2B	Z	2.816	3.75
69	MP2B	Mx	.002	3.75
70	MP2C	X	0	3.75
71	MP2C	Z	2.652	3.75
72	MP2C	Mx	-.002	3.75
73	MP2A	X	0	2
74	MP2A	Z	3.738	2
75	MP2A	Mx	0	2
76	MP2B	X	0	2
77	MP2B	Z	2.472	2
78	MP2B	Mx	.001	2
79	MP2C	X	0	2
80	MP2C	Z	2.248	2
81	MP2C	Mx	-.001	2
82	MP2B	X	0	6
83	MP2B	Z	1.16	6
84	MP2B	Mx	.001	6
85	MP2B	X	0	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
86	MP2B	Z	1.16	7
87	MP2B	Mx	.001	7
88	MP2B	X	0	6
89	MP2B	Z	1.16	6
90	MP2B	Mx	.000811	6
91	MP2B	X	0	7
92	MP2B	Z	1.16	7
93	MP2B	Mx	.000811	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-4.446	1
2	MP2A	Z	7.7	1
3	MP2A	Mx	-.001	1
4	MP2A	X	-4.446	5.4
5	MP2A	Z	7.7	5.4
6	MP2A	Mx	-.001	5.4
7	MP2B	X	-3.221	1
8	MP2B	Z	5.579	1
9	MP2B	Mx	-.005	1
10	MP2B	X	-3.221	5.4
11	MP2B	Z	5.579	5.4
12	MP2B	Mx	-.005	5.4
13	MP2C	X	-4.179	1
14	MP2C	Z	7.238	1
15	MP2C	Mx	.009	1
16	MP2C	X	-4.179	5.4
17	MP2C	Z	7.238	5.4
18	MP2C	Mx	.009	5.4
19	MP2A	X	-4.446	1
20	MP2A	Z	7.7	1
21	MP2A	Mx	.009	1
22	MP2A	X	-4.446	5.4
23	MP2A	Z	7.7	5.4
24	MP2A	Mx	.009	5.4
25	MP2B	X	-3.221	1
26	MP2B	Z	5.579	1
27	MP2B	Mx	-.005	1
28	MP2B	X	-3.221	5.4
29	MP2B	Z	5.579	5.4
30	MP2B	Mx	-.005	5.4
31	MP2C	X	-4.179	1
32	MP2C	Z	7.238	1
33	MP2C	Mx	.000208	1
34	MP2C	X	-4.179	5.4
35	MP2C	Z	7.238	5.4
36	MP2C	Mx	.000208	5.4
37	MP3A	X	-1.976	2.2
38	MP3A	Z	3.423	2.2
39	MP3A	Mx	.002	2.2
40	MP3A	X	-1.976	4.2
41	MP3A	Z	3.423	4.2
42	MP3A	Mx	.002	4.2
43	MP3B	X	-.814	2.2
44	MP3B	Z	1.41	2.2
45	MP3B	Mx	-.001	2.2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
46	MP3B	X	-.814	4.2
47	MP3B	Z	1.41	4.2
48	MP3B	Mx	-.001	4.2
49	MP3C	X	-1.723	2.2
50	MP3C	Z	2.985	2.2
51	MP3C	Mx	.002	2.2
52	MP3C	X	-1.723	4.2
53	MP3C	Z	2.985	4.2
54	MP3C	Mx	.002	4.2
55	MP3A	X	-.754	3.2
56	MP3A	Z	1.305	3.2
57	MP3A	Mx	-.000503	3.2
58	MP3B	X	-.41	3.2
59	MP3B	Z	.71	3.2
60	MP3B	Mx	.000547	3.2
61	MP3C	X	-.679	3.2
62	MP3C	Z	1.176	3.2
63	MP3C	Mx	-.000582	3.2
64	MP2A	X	-1.715	3.75
65	MP2A	Z	2.971	3.75
66	MP2A	Mx	-.001	3.75
67	MP2B	X	-1.254	3.75
68	MP2B	Z	2.172	3.75
69	MP2B	Mx	.002	3.75
70	MP2C	X	-1.615	3.75
71	MP2C	Z	2.797	3.75
72	MP2C	Mx	-.001	3.75
73	MP2A	X	-1.658	2
74	MP2A	Z	2.872	2
75	MP2A	Mx	-.001	2
76	MP2B	X	-1.025	2
77	MP2B	Z	1.775	2
78	MP2B	Mx	.001	2
79	MP2C	X	-1.52	2
80	MP2C	Z	2.633	2
81	MP2C	Mx	-.001	2
82	MP2B	X	-.581	6
83	MP2B	Z	1.006	6
84	MP2B	Mx	.001	6
85	MP2B	X	-.581	7
86	MP2B	Z	1.006	7
87	MP2B	Mx	.001	7
88	MP2B	X	-.581	6
89	MP2B	Z	1.006	6
90	MP2B	Mx	.001	6
91	MP2B	X	-.581	7
92	MP2B	Z	1.006	7
93	MP2B	Mx	.001	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-6.286	1
2	MP2A	Z	3.629	1
3	MP2A	Mx	.003	1
4	MP2A	X	-6.286	5.4
5	MP2A	Z	3.629	5.4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
6	MP2A	Mx	.003	5.4
7	MP2B	X	-6.286	1
8	MP2B	Z	3.629	1
9	MP2B	Mx	-.008	1
10	MP2B	X	-6.286	5.4
11	MP2B	Z	3.629	5.4
12	MP2B	Mx	-.008	5.4
13	MP2C	X	-8.322	1
14	MP2C	Z	4.805	1
15	MP2C	Mx	.008	1
16	MP2C	X	-8.322	5.4
17	MP2C	Z	4.805	5.4
18	MP2C	Mx	.008	5.4
19	MP2A	X	-6.286	1
20	MP2A	Z	3.629	1
21	MP2A	Mx	.008	1
22	MP2A	X	-6.286	5.4
23	MP2A	Z	3.629	5.4
24	MP2A	Mx	.008	5.4
25	MP2B	X	-6.286	1
26	MP2B	Z	3.629	1
27	MP2B	Mx	-.003	1
28	MP2B	X	-6.286	5.4
29	MP2B	Z	3.629	5.4
30	MP2B	Mx	-.003	5.4
31	MP2C	X	-8.322	1
32	MP2C	Z	4.805	1
33	MP2C	Mx	-.005	1
34	MP2C	X	-8.322	5.4
35	MP2C	Z	4.805	5.4
36	MP2C	Mx	-.005	5.4
37	MP3A	X	-2.081	2.2
38	MP3A	Z	1.201	2.2
39	MP3A	Mx	.002	2.2
40	MP3A	X	-2.081	4.2
41	MP3A	Z	1.201	4.2
42	MP3A	Mx	.002	4.2
43	MP3B	X	-2.081	2.2
44	MP3B	Z	1.201	2.2
45	MP3B	Mx	-.002	2.2
46	MP3B	X	-2.081	4.2
47	MP3B	Z	1.201	4.2
48	MP3B	Mx	-.002	4.2
49	MP3C	X	-4.013	2.2
50	MP3C	Z	2.317	2.2
51	MP3C	Mx	.000671	2.2
52	MP3C	X	-4.013	4.2
53	MP3C	Z	2.317	4.2
54	MP3C	Mx	.000671	4.2
55	MP3A	X	-.909	3.2
56	MP3A	Z	.525	3.2
57	MP3A	Mx	-.000606	3.2
58	MP3B	X	-.909	3.2
59	MP3B	Z	.525	3.2
60	MP3B	Mx	.000606	3.2
61	MP3C	X	-1.48	3.2
62	MP3C	Z	.854	3.2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
63	MP3C	Mx	-.000198	3.2
64	MP2A	X	-2.439	3.75
65	MP2A	Z	1.408	3.75
66	MP2A	Mx	-.002	3.75
67	MP2B	X	-2.439	3.75
68	MP2B	Z	1.408	3.75
69	MP2B	Mx	.002	3.75
70	MP2C	X	-3.205	3.75
71	MP2C	Z	1.851	3.75
72	MP2C	Mx	-.000429	3.75
73	MP2A	X	-2.141	2
74	MP2A	Z	1.236	2
75	MP2A	Mx	-.001	2
76	MP2B	X	-2.141	2
77	MP2B	Z	1.236	2
78	MP2B	Mx	.001	2
79	MP2C	X	-3.193	2
80	MP2C	Z	1.844	2
81	MP2C	Mx	-.000427	2
82	MP2B	X	-1.005	6
83	MP2B	Z	.58	6
84	MP2B	Mx	.000811	6
85	MP2B	X	-1.005	7
86	MP2B	Z	.58	7
87	MP2B	Mx	.000811	7
88	MP2B	X	-1.005	6
89	MP2B	Z	.58	6
90	MP2B	Mx	.001	6
91	MP2B	X	-1.005	7
92	MP2B	Z	.58	7
93	MP2B	Mx	.001	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-6.442	1
2	MP2A	Z	0	1
3	MP2A	Mx	.005	1
4	MP2A	X	-6.442	5.4
5	MP2A	Z	0	5.4
6	MP2A	Mx	.005	5.4
7	MP2B	X	-8.891	1
8	MP2B	Z	0	1
9	MP2B	Mx	-.009	1
10	MP2B	X	-8.891	5.4
11	MP2B	Z	0	5.4
12	MP2B	Mx	-.009	5.4
13	MP2C	X	-9.326	1
14	MP2C	Z	0	1
15	MP2C	Mx	.003	1
16	MP2C	X	-9.326	5.4
17	MP2C	Z	0	5.4
18	MP2C	Mx	.003	5.4
19	MP2A	X	-6.442	1
20	MP2A	Z	0	1
21	MP2A	Mx	.005	1
22	MP2A	X	-6.442	5.4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
23	MP2A	Z	0	5.4
24	MP2A	Mx	.005	5.4
25	MP2B	X	-8.891	1
26	MP2B	Z	0	1
27	MP2B	Mx	.001	1
28	MP2B	X	-8.891	5.4
29	MP2B	Z	0	5.4
30	MP2B	Mx	.001	5.4
31	MP2C	X	-9.326	1
32	MP2C	Z	0	1
33	MP2C	Mx	-.009	1
34	MP2C	X	-9.326	5.4
35	MP2C	Z	0	5.4
36	MP2C	Mx	-.009	5.4
37	MP3A	X	-1.628	2.2
38	MP3A	Z	0	2.2
39	MP3A	Mx	.001	2.2
40	MP3A	X	-1.628	4.2
41	MP3A	Z	0	4.2
42	MP3A	Mx	.001	4.2
43	MP3B	X	-3.952	2.2
44	MP3B	Z	0	2.2
45	MP3B	Mx	-.002	2.2
46	MP3B	X	-3.952	4.2
47	MP3B	Z	0	4.2
48	MP3B	Mx	-.002	4.2
49	MP3C	X	-4.365	2.2
50	MP3C	Z	0	2.2
51	MP3C	Mx	-.001	2.2
52	MP3C	X	-4.365	4.2
53	MP3C	Z	0	4.2
54	MP3C	Mx	-.001	4.2
55	MP3A	X	-.82	3.2
56	MP3A	Z	0	3.2
57	MP3A	Mx	-.000547	3.2
58	MP3B	X	-1.507	3.2
59	MP3B	Z	0	3.2
60	MP3B	Mx	.000502	3.2
61	MP3C	X	-1.629	3.2
62	MP3C	Z	0	3.2
63	MP3C	Mx	.000371	3.2
64	MP2A	X	-2.508	3.75
65	MP2A	Z	0	3.75
66	MP2A	Mx	-.002	3.75
67	MP2B	X	-3.431	3.75
68	MP2B	Z	0	3.75
69	MP2B	Mx	.001	3.75
70	MP2C	X	-3.594	3.75
71	MP2C	Z	0	3.75
72	MP2C	Mx	.000819	3.75
73	MP2A	X	-2.05	2
74	MP2A	Z	0	2
75	MP2A	Mx	-.001	2
76	MP2B	X	-3.316	2
77	MP2B	Z	0	2
78	MP2B	Mx	.001	2
79	MP2C	X	-3.541	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
80	MP2C	Z	0	2
81	MP2C	Mx	.000807	2
82	MP2B	X	-1.159	6
83	MP2B	Z	0	6
84	MP2B	Mx	.000245	6
85	MP2B	X	-1.159	7
86	MP2B	Z	0	7
87	MP2B	Mx	.000245	7
88	MP2B	X	-1.159	6
89	MP2B	Z	0	6
90	MP2B	Mx	.000914	6
91	MP2B	X	-1.159	7
92	MP2B	Z	0	7
93	MP2B	Mx	.000914	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-6.286	1
2	MP2A	Z	-3.629	1
3	MP2A	Mx	.008	1
4	MP2A	X	-6.286	5.4
5	MP2A	Z	-3.629	5.4
6	MP2A	Mx	.008	5.4
7	MP2B	X	-8.407	1
8	MP2B	Z	-4.854	1
9	MP2B	Mx	-.006	1
10	MP2B	X	-8.407	5.4
11	MP2B	Z	-4.854	5.4
12	MP2B	Mx	-.006	5.4
13	MP2C	X	-6.747	1
14	MP2C	Z	-3.896	1
15	MP2C	Mx	-.002	1
16	MP2C	X	-6.747	5.4
17	MP2C	Z	-3.896	5.4
18	MP2C	Mx	-.002	5.4
19	MP2A	X	-6.286	1
20	MP2A	Z	-3.629	1
21	MP2A	Mx	.003	1
22	MP2A	X	-6.286	5.4
23	MP2A	Z	-3.629	5.4
24	MP2A	Mx	.003	5.4
25	MP2B	X	-8.407	1
26	MP2B	Z	-4.854	1
27	MP2B	Mx	.006	1
28	MP2B	X	-8.407	5.4
29	MP2B	Z	-4.854	5.4
30	MP2B	Mx	.006	5.4
31	MP2C	X	-6.747	1
32	MP2C	Z	-3.896	1
33	MP2C	Mx	-.008	1
34	MP2C	X	-6.747	5.4
35	MP2C	Z	-3.896	5.4
36	MP2C	Mx	-.008	5.4
37	MP3A	X	-2.081	2.2
38	MP3A	Z	-1.201	2.2
39	MP3A	Mx	.002	2.2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
40	MP3A	X	-2.081	4.2
41	MP3A	Z	-1.201	4.2
42	MP3A	Mx	.002	4.2
43	MP3B	X	-4.094	2.2
44	MP3B	Z	-2.364	2.2
45	MP3B	Mx	0	2.2
46	MP3B	X	-4.094	4.2
47	MP3B	Z	-2.364	4.2
48	MP3B	Mx	0	4.2
49	MP3C	X	-2.519	2.2
50	MP3C	Z	-1.454	2.2
51	MP3C	Mx	-.002	2.2
52	MP3C	X	-2.519	4.2
53	MP3C	Z	-1.454	4.2
54	MP3C	Mx	-.002	4.2
55	MP3A	X	-.909	3.2
56	MP3A	Z	-.525	3.2
57	MP3A	Mx	-.000606	3.2
58	MP3B	X	-1.504	3.2
59	MP3B	Z	-.868	3.2
60	MP3B	Mx	0	3.2
61	MP3C	X	-1.038	3.2
62	MP3C	Z	-.599	3.2
63	MP3C	Mx	.000612	3.2
64	MP2A	X	-2.439	3.75
65	MP2A	Z	-1.408	3.75
66	MP2A	Mx	-.002	3.75
67	MP2B	X	-3.238	3.75
68	MP2B	Z	-1.869	3.75
69	MP2B	Mx	0	3.75
70	MP2C	X	-2.612	3.75
71	MP2C	Z	-1.508	3.75
72	MP2C	Mx	.002	3.75
73	MP2A	X	-2.141	2
74	MP2A	Z	-1.236	2
75	MP2A	Mx	-.001	2
76	MP2B	X	-3.238	2
77	MP2B	Z	-1.869	2
78	MP2B	Mx	0	2
79	MP2C	X	-2.38	2
80	MP2C	Z	-1.374	2
81	MP2C	Mx	.001	2
82	MP2B	X	-1.003	6
83	MP2B	Z	-.579	6
84	MP2B	Mx	-.000386	6
85	MP2B	X	-1.003	7
86	MP2B	Z	-.579	7
87	MP2B	Mx	-.000386	7
88	MP2B	X	-1.003	6
89	MP2B	Z	-.579	6
90	MP2B	Mx	.000386	6
91	MP2B	X	-1.003	7
92	MP2B	Z	-.579	7
93	MP2B	Mx	.000386	7

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

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

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-4.446	1
2	MP2A	Z	-7.7	1
3	MP2A	Mx	.009	1
4	MP2A	X	-4.446	5.4
5	MP2A	Z	-7.7	5.4
6	MP2A	Mx	.009	5.4
7	MP2B	X	-4.446	1
8	MP2B	Z	-7.7	1
9	MP2B	Mx	-.001	1
10	MP2B	X	-4.446	5.4
11	MP2B	Z	-7.7	5.4
12	MP2B	Mx	-.001	5.4
13	MP2C	X	-3.27	1
14	MP2C	Z	-5.664	1
15	MP2C	Mx	-.005	1
16	MP2C	X	-3.27	5.4
17	MP2C	Z	-5.664	5.4
18	MP2C	Mx	-.005	5.4
19	MP2A	X	-4.446	1
20	MP2A	Z	-7.7	1
21	MP2A	Mx	-.001	1
22	MP2A	X	-4.446	5.4
23	MP2A	Z	-7.7	5.4
24	MP2A	Mx	-.001	5.4
25	MP2B	X	-4.446	1
26	MP2B	Z	-7.7	1
27	MP2B	Mx	.009	1
28	MP2B	X	-4.446	5.4
29	MP2B	Z	-7.7	5.4
30	MP2B	Mx	.009	5.4
31	MP2C	X	-3.27	1
32	MP2C	Z	-5.664	1
33	MP2C	Mx	-.006	1
34	MP2C	X	-3.27	5.4
35	MP2C	Z	-5.664	5.4
36	MP2C	Mx	-.006	5.4
37	MP3A	X	-1.976	2.2
38	MP3A	Z	-3.423	2.2
39	MP3A	Mx	.002	2.2
40	MP3A	X	-1.976	4.2
41	MP3A	Z	-3.423	4.2
42	MP3A	Mx	.002	4.2
43	MP3B	X	-1.976	2.2
44	MP3B	Z	-3.423	2.2
45	MP3B	Mx	.002	2.2
46	MP3B	X	-1.976	4.2
47	MP3B	Z	-3.423	4.2
48	MP3B	Mx	.002	4.2
49	MP3C	X	-.861	2.2
50	MP3C	Z	-1.491	2.2
51	MP3C	Mx	-.001	2.2
52	MP3C	X	-.861	4.2
53	MP3C	Z	-1.491	4.2
54	MP3C	Mx	-.001	4.2
55	MP3A	X	-.754	3.2
56	MP3A	Z	-1.305	3.2
57	MP3A	Mx	-.000503	3.2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3B	X	-.754	3.2
59	MP3B	Z	-1.305	3.2
60	MP3B	Mx	-.000502	3.2
61	MP3C	X	-.424	3.2
62	MP3C	Z	-.734	3.2
63	MP3C	Mx	.000557	3.2
64	MP2A	X	-1.715	3.75
65	MP2A	Z	-2.971	3.75
66	MP2A	Mx	-.001	3.75
67	MP2B	X	-1.715	3.75
68	MP2B	Z	-2.971	3.75
69	MP2B	Mx	-.001	3.75
70	MP2C	X	-1.273	3.75
71	MP2C	Z	-2.204	3.75
72	MP2C	Mx	.002	3.75
73	MP2A	X	-1.658	2
74	MP2A	Z	-2.872	2
75	MP2A	Mx	-.001	2
76	MP2B	X	-1.658	2
77	MP2B	Z	-2.872	2
78	MP2B	Mx	-.001	2
79	MP2C	X	-1.05	2
80	MP2C	Z	-1.82	2
81	MP2C	Mx	.001	2
82	MP2B	X	-.579	6
83	MP2B	Z	-1.003	6
84	MP2B	Mx	-.000913	6
85	MP2B	X	-.579	7
86	MP2B	Z	-1.003	7
87	MP2B	Mx	-.000913	7
88	MP2B	X	-.579	6
89	MP2B	Z	-1.003	6
90	MP2B	Mx	-.000245	6
91	MP2B	X	-.579	7
92	MP2B	Z	-1.003	7
93	MP2B	Mx	-.000245	7

Member Point Loads (BLC 77 : Lm1)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M1	Y	-500	%20

Member Point Loads (BLC 78 : Lm2)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M1	Y	-500	%70

Member Point Loads (BLC 79 : Lv1)

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

Member Point Loads (BLC 80 : Lv2)

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

Member Point Loads (BLC 81 : Antenna Ev)

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

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	Y	0	1
2	MP2A	My	0	1
3	MP2A	Mz	0	1
4	MP2A	Y	0	5.4
5	MP2A	My	0	5.4
6	MP2A	Mz	0	5.4
7	MP2B	Y	0	1
8	MP2B	My	0	1
9	MP2B	Mz	0	1
10	MP2B	Y	0	5.4
11	MP2B	My	0	5.4
12	MP2B	Mz	0	5.4
13	MP2C	Y	0	1
14	MP2C	My	0	1
15	MP2C	Mz	0	1
16	MP2C	Y	0	5.4
17	MP2C	My	0	5.4
18	MP2C	Mz	0	5.4
19	MP2A	Y	0	1
20	MP2A	My	0	1
21	MP2A	Mz	0	1
22	MP2A	Y	0	5.4
23	MP2A	My	0	5.4
24	MP2A	Mz	0	5.4
25	MP2B	Y	0	1
26	MP2B	My	0	1
27	MP2B	Mz	0	1
28	MP2B	Y	0	5.4
29	MP2B	My	0	5.4
30	MP2B	Mz	0	5.4
31	MP2C	Y	0	1
32	MP2C	My	0	1
33	MP2C	Mz	0	1
34	MP2C	Y	0	5.4
35	MP2C	My	0	5.4
36	MP2C	Mz	0	5.4
37	MP3A	Y	0	2.2
38	MP3A	My	0	2.2
39	MP3A	Mz	0	2.2
40	MP3A	Y	0	4.2
41	MP3A	My	0	4.2
42	MP3A	Mz	0	4.2
43	MP3B	Y	0	2.2
44	MP3B	My	0	2.2
45	MP3B	Mz	0	2.2
46	MP3B	Y	0	4.2
47	MP3B	My	0	4.2
48	MP3B	Mz	0	4.2
49	MP3C	Y	0	2.2
50	MP3C	My	0	2.2
51	MP3C	Mz	0	2.2
52	MP3C	Y	0	4.2
53	MP3C	My	0	4.2
54	MP3C	Mz	0	4.2
55	MP3A	Y	0	3.2
56	MP3A	My	0	3.2
57	MP3A	Mz	0	3.2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3B	Y	0	3.2
59	MP3B	My	0	3.2
60	MP3B	Mz	0	3.2
61	MP3C	Y	0	3.2
62	MP3C	My	0	3.2
63	MP3C	Mz	0	3.2
64	MP2A	Y	0	3.75
65	MP2A	My	0	3.75
66	MP2A	Mz	0	3.75
67	MP2B	Y	0	3.75
68	MP2B	My	0	3.75
69	MP2B	Mz	0	3.75
70	MP2C	Y	0	3.75
71	MP2C	My	0	3.75
72	MP2C	Mz	0	3.75
73	MP2A	Y	0	2
74	MP2A	My	0	2
75	MP2A	Mz	0	2
76	MP2B	Y	0	2
77	MP2B	My	0	2
78	MP2B	Mz	0	2
79	MP2C	Y	0	2
80	MP2C	My	0	2
81	MP2C	Mz	0	2
82	MP2B	Y	0	6
83	MP2B	My	0	6
84	MP2B	Mz	0	6
85	MP2B	Y	0	7
86	MP2B	My	0	7
87	MP2B	Mz	0	7
88	MP2B	Y	0	6
89	MP2B	My	0	6
90	MP2B	Mz	0	6
91	MP2B	Y	0	7
92	MP2B	My	0	7
93	MP2B	Mz	0	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	Z	-.969	1
2	MP2A	Mx	.000646	1
3	MP2A	Z	-.969	5.4
4	MP2A	Mx	.000646	5.4
5	MP2B	Z	-.969	1
6	MP2B	Mx	.000376	1
7	MP2B	Z	-.969	5.4
8	MP2B	Mx	.000376	5.4
9	MP2C	Z	-.969	1
10	MP2C	Mx	-.00098	1
11	MP2C	Z	-.969	5.4
12	MP2C	Mx	-.00098	5.4
13	MP2A	Z	-.969	1
14	MP2A	Mx	-.000646	1
15	MP2A	Z	-.969	5.4
16	MP2A	Mx	-.000646	5.4
17	MP2B	Z	-.969	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
18	MP2B	Mx	.001	1
19	MP2B	Z	-.969	5.4
20	MP2B	Mx	.001	5.4
21	MP2C	Z	-.969	1
22	MP2C	Mx	-.000538	1
23	MP2C	Z	-.969	5.4
24	MP2C	Mx	-.000538	5.4
25	MP3A	Z	-1.306	2.2
26	MP3A	Mx	0	2.2
27	MP3A	Z	-1.306	4.2
28	MP3A	Mx	0	4.2
29	MP3B	Z	-1.306	2.2
30	MP3B	Mx	.000943	2.2
31	MP3B	Z	-1.306	4.2
32	MP3B	Mx	.000943	4.2
33	MP3C	Z	-1.306	2.2
34	MP3C	Mx	-.001	2.2
35	MP3C	Z	-1.306	4.2
36	MP3C	Mx	-.001	4.2
37	MP3A	Z	-.561	3.2
38	MP3A	Mx	0	3.2
39	MP3B	Z	-.561	3.2
40	MP3B	Mx	-.000324	3.2
41	MP3C	Z	-.561	3.2
42	MP3C	Mx	.000351	3.2
43	MP2A	Z	-2.532	3.75
44	MP2A	Mx	0	3.75
45	MP2B	Z	-2.532	3.75
46	MP2B	Mx	-.001	3.75
47	MP2C	Z	-2.532	3.75
48	MP2C	Mx	.002	3.75
49	MP2A	Z	-2.109	2
50	MP2A	Mx	0	2
51	MP2B	Z	-2.109	2
52	MP2B	Mx	-.001	2
53	MP2C	Z	-2.109	2
54	MP2C	Mx	.001	2
55	MP2B	Z	-.264	6
56	MP2B	Mx	-.000273	6
57	MP2B	Z	-.264	7
58	MP2B	Mx	-.000273	7
59	MP2B	Z	-.264	6
60	MP2B	Mx	-.000185	6
61	MP2B	Z	-.264	7
62	MP2B	Mx	-.000185	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	.969	1
2	MP2A	Mx	-.000808	1
3	MP2A	X	.969	5.4
4	MP2A	Mx	-.000808	5.4
5	MP2B	X	.969	1
6	MP2B	Mx	.000963	1
7	MP2B	X	.969	5.4
8	MP2B	Mx	.000963	5.4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
9	MP2C	X	.969	1
10	MP2C	Mx	-.000331	1
11	MP2C	X	.969	5.4
12	MP2C	Mx	-.000331	5.4
13	MP2A	X	.969	1
14	MP2A	Mx	-.000808	1
15	MP2A	X	.969	5.4
16	MP2A	Mx	-.000808	5.4
17	MP2B	X	.969	1
18	MP2B	Mx	-.000156	1
19	MP2B	X	.969	5.4
20	MP2B	Mx	-.000156	5.4
21	MP2C	X	.969	1
22	MP2C	Mx	.000883	1
23	MP2C	X	.969	5.4
24	MP2C	Mx	.000883	5.4
25	MP3A	X	1.306	2.2
26	MP3A	Mx	-.001	2.2
27	MP3A	X	1.306	4.2
28	MP3A	Mx	-.001	4.2
29	MP3B	X	1.306	2.2
30	MP3B	Mx	.000544	2.2
31	MP3B	X	1.306	4.2
32	MP3B	Mx	.000544	4.2
33	MP3C	X	1.306	2.2
34	MP3C	Mx	.000372	2.2
35	MP3C	X	1.306	4.2
36	MP3C	Mx	.000372	4.2
37	MP3A	X	.561	3.2
38	MP3A	Mx	.000374	3.2
39	MP3B	X	.561	3.2
40	MP3B	Mx	-.000187	3.2
41	MP3C	X	.561	3.2
42	MP3C	Mx	-.000128	3.2
43	MP2A	X	2.532	3.75
44	MP2A	Mx	.002	3.75
45	MP2B	X	2.532	3.75
46	MP2B	Mx	-.000844	3.75
47	MP2C	X	2.532	3.75
48	MP2C	Mx	-.000577	3.75
49	MP2A	X	2.109	2
50	MP2A	Mx	.001	2
51	MP2B	X	2.109	2
52	MP2B	Mx	-.000703	2
53	MP2C	X	2.109	2
54	MP2C	Mx	-.000481	2
55	MP2B	X	.264	6
56	MP2B	Mx	-5.6e-5	6
57	MP2B	X	.264	7
58	MP2B	Mx	-5.6e-5	7
59	MP2B	X	.264	6
60	MP2B	Mx	-.000208	6
61	MP2B	X	.264	7
62	MP2B	Mx	-.000208	7

Member Distributed Loads (BLC 40 : Structure Di)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	Y	-10.447	-10.447	0	%100
2	M41	Y	-15.553	-15.553	0	%100
3	M43	Y	-15.553	-15.553	0	%100
4	M44	Y	-15.553	-15.553	0	%100
5	M45A	Y	-14.815	-14.815	0	%100
6	M46A	Y	-14.815	-14.815	0	%100
7	M47A	Y	-14.815	-14.815	0	%100
8	M49	Y	-15.553	-15.553	0	%100
9	M50	Y	-15.553	-15.553	0	%100
10	M52	Y	-15.553	-15.553	0	%100
11	M53	Y	-15.553	-15.553	0	%100
12	M56	Y	-9.087	-9.087	0	%100
13	M67	Y	-9.087	-9.087	0	%100
14	M88	Y	-8.168	-8.168	0	%100
15	M34	Y	-10.447	-10.447	0	%100
16	M44A	Y	-15.553	-15.553	0	%100
17	M46	Y	-15.553	-15.553	0	%100
18	M47	Y	-15.553	-15.553	0	%100
19	M48A	Y	-14.815	-14.815	0	%100
20	M49A	Y	-14.815	-14.815	0	%100
21	M50A	Y	-14.815	-14.815	0	%100
22	M52A	Y	-15.553	-15.553	0	%100
23	M53A	Y	-15.553	-15.553	0	%100
24	M55	Y	-15.553	-15.553	0	%100
25	M56B	Y	-15.553	-15.553	0	%100
26	M57	Y	-9.087	-9.087	0	%100
27	M60	Y	-9.087	-9.087	0	%100
28	M62	Y	-8.168	-8.168	0	%100
29	M67A	Y	-10.447	-10.447	0	%100
30	M77	Y	-15.553	-15.553	0	%100
31	M79	Y	-15.553	-15.553	0	%100
32	M80	Y	-15.553	-15.553	0	%100
33	M81	Y	-14.815	-14.815	0	%100
34	M82	Y	-14.815	-14.815	0	%100
35	M83	Y	-14.815	-14.815	0	%100
36	M85	Y	-15.553	-15.553	0	%100
37	M86	Y	-15.553	-15.553	0	%100
38	M88A	Y	-15.553	-15.553	0	%100
39	M89A	Y	-15.553	-15.553	0	%100
40	M90A	Y	-9.087	-9.087	0	%100
41	M93	Y	-9.087	-9.087	0	%100
42	M95	Y	-8.168	-8.168	0	%100
43	M100	Y	-10.519	-10.519	0	%100
44	M101	Y	-10.519	-10.519	0	%100
45	M102	Y	-10.519	-10.519	0	%100
46	MP4A	Y	-8.168	-8.168	0	%100
47	MP3A	Y	-8.168	-8.168	0	%100
48	MP2A	Y	-8.168	-8.168	0	%100
49	MP1A	Y	-8.168	-8.168	0	%100
50	M106	Y	-14.245	-14.245	0	%100
51	M111	Y	-14.245	-14.245	0	%100
52	M114	Y	-14.245	-14.245	0	%100
53	MP3C	Y	-8.168	-8.168	0	%100
54	MP2C	Y	-8.168	-8.168	0	%100
55	MP1C	Y	-8.168	-8.168	0	%100
56	MP4C	Y	-8.168	-8.168	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
57	MP3B	Y	-8.168	-8.168	0	%100
58	MP2B	Y	-8.168	-8.168	0	%100
59	MP1B	Y	-8.168	-8.168	0	%100
60	MP4B	Y	-8.168	-8.168	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	-13.506	-13.506	0	%100
3	M41	X	0	0	0	%100
4	M41	Z	-5.788	-5.788	0	%100
5	M43	X	0	0	0	%100
6	M43	Z	-23.154	-23.154	0	%100
7	M44	X	0	0	0	%100
8	M44	Z	-5.788	-5.788	0	%100
9	M45A	X	0	0	0	%100
10	M45A	Z	-10.229	-10.229	0	%100
11	M46A	X	0	0	0	%100
12	M46A	Z	-2.914	-2.914	0	%100
13	M47A	X	0	0	0	%100
14	M47A	Z	-2.914	-2.914	0	%100
15	M49	X	0	0	0	%100
16	M49	Z	-23.154	-23.154	0	%100
17	M50	X	0	0	0	%100
18	M50	Z	-17.365	-17.365	0	%100
19	M52	X	0	0	0	%100
20	M52	Z	-5.788	-5.788	0	%100
21	M53	X	0	0	0	%100
22	M53	Z	-17.365	-17.365	0	%100
23	M56	X	0	0	0	%100
24	M56	Z	-12.826	-12.826	0	%100
25	M67	X	0	0	0	%100
26	M67	Z	-3.207	-3.207	0	%100
27	M88	X	0	0	0	%100
28	M88	Z	-9.165	-9.165	0	%100
29	M34	X	0	0	0	%100
30	M34	Z	-3.377	-3.377	0	%100
31	M44A	X	0	0	0	%100
32	M44A	Z	-23.154	-23.154	0	%100
33	M46	X	0	0	0	%100
34	M46	Z	-5.788	-5.788	0	%100
35	M47	X	0	0	0	%100
36	M47	Z	-5.788	-5.788	0	%100
37	M48A	X	0	0	0	%100
38	M48A	Z	-10.229	-10.229	0	%100
39	M49A	X	0	0	0	%100
40	M49A	Z	-2.914	-2.914	0	%100
41	M50A	X	0	0	0	%100
42	M50A	Z	-2.914	-2.914	0	%100
43	M52A	X	0	0	0	%100
44	M52A	Z	-5.788	-5.788	0	%100
45	M53A	X	0	0	0	%100
46	M53A	Z	-17.365	-17.365	0	%100
47	M55	X	0	0	0	%100
48	M55	Z	-23.154	-23.154	0	%100
49	M56B	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
50	M56B	Z	-17.365	-17.365	0	%100
51	M57	X	0	0	0	%100
52	M57	Z	-3.207	-3.207	0	%100
53	M60	X	0	0	0	%100
54	M60	Z	-12.826	-12.826	0	%100
55	M62	X	0	0	0	%100
56	M62	Z	-2.291	-2.291	0	%100
57	M67A	X	0	0	0	%100
58	M67A	Z	-3.377	-3.377	0	%100
59	M77	X	0	0	0	%100
60	M77	Z	-5.788	-5.788	0	%100
61	M79	X	0	0	0	%100
62	M79	Z	-5.788	-5.788	0	%100
63	M80	X	0	0	0	%100
64	M80	Z	-23.154	-23.154	0	%100
65	M81	X	0	0	0	%100
66	M81	Z	0	0	0	%100
67	M82	X	0	0	0	%100
68	M82	Z	-11.655	-11.655	0	%100
69	M83	X	0	0	0	%100
70	M83	Z	-11.655	-11.655	0	%100
71	M85	X	0	0	0	%100
72	M85	Z	-5.788	-5.788	0	%100
73	M86	X	0	0	0	%100
74	M86	Z	0	0	0	%100
75	M88A	X	0	0	0	%100
76	M88A	Z	-5.788	-5.788	0	%100
77	M89A	X	0	0	0	%100
78	M89A	Z	0	0	0	%100
79	M90A	X	0	0	0	%100
80	M90A	Z	-3.207	-3.207	0	%100
81	M93	X	0	0	0	%100
82	M93	Z	-3.207	-3.207	0	%100
83	M95	X	0	0	0	%100
84	M95	Z	-2.291	-2.291	0	%100
85	M100	X	0	0	0	%100
86	M100	Z	-2.666	-2.666	0	%100
87	M101	X	0	0	0	%100
88	M101	Z	-2.666	-2.666	0	%100
89	M102	X	0	0	0	%100
90	M102	Z	-10.664	-10.664	0	%100
91	MP4A	X	0	0	0	%100
92	MP4A	Z	-9.165	-9.165	0	%100
93	MP3A	X	0	0	0	%100
94	MP3A	Z	-9.165	-9.165	0	%100
95	MP2A	X	0	0	0	%100
96	MP2A	Z	-9.165	-9.165	0	%100
97	MP1A	X	0	0	0	%100
98	MP1A	Z	-9.165	-9.165	0	%100
99	M106	X	0	0	0	%100
100	M106	Z	-7.461	-7.461	0	%100
101	M111	X	0	0	0	%100
102	M111	Z	-12.914	-12.914	0	%100
103	M114	X	0	0	0	%100
104	M114	Z	-12.914	-12.914	0	%100
105	MP3C	X	0	0	0	%100
106	MP3C	Z	-9.165	-9.165	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
107	MP2C	X	0	0	0	%100
108	MP2C	Z	-9.165	-9.165	0	%100
109	MP1C	X	0	0	0	%100
110	MP1C	Z	-9.165	-9.165	0	%100
111	MP4C	X	0	0	0	%100
112	MP4C	Z	-9.165	-9.165	0	%100
113	MP3B	X	0	0	0	%100
114	MP3B	Z	-9.165	-9.165	0	%100
115	MP2B	X	0	0	0	%100
116	MP2B	Z	-9.165	-9.165	0	%100
117	MP1B	X	0	0	0	%100
118	MP1B	Z	-9.165	-9.165	0	%100
119	MP4B	X	0	0	0	%100
120	MP4B	Z	-9.165	-9.165	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	5.065	5.065	0	%100
2	M1	Z	-8.773	-8.773	0	%100
3	M41	X	0	0	0	%100
4	M41	Z	0	0	0	%100
5	M43	X	8.683	8.683	0	%100
6	M43	Z	-15.039	-15.039	0	%100
7	M44	X	8.683	8.683	0	%100
8	M44	Z	-15.039	-15.039	0	%100
9	M45A	X	1.705	1.705	0	%100
10	M45A	Z	-2.953	-2.953	0	%100
11	M46A	X	4.371	4.371	0	%100
12	M46A	Z	-7.57	-7.57	0	%100
13	M47A	X	4.371	4.371	0	%100
14	M47A	Z	-7.57	-7.57	0	%100
15	M49	X	8.683	8.683	0	%100
16	M49	Z	-15.039	-15.039	0	%100
17	M50	X	2.894	2.894	0	%100
18	M50	Z	-5.013	-5.013	0	%100
19	M52	X	0	0	0	%100
20	M52	Z	0	0	0	%100
21	M53	X	2.894	2.894	0	%100
22	M53	Z	-5.013	-5.013	0	%100
23	M56	X	4.81	4.81	0	%100
24	M56	Z	-8.331	-8.331	0	%100
25	M67	X	0	0	0	%100
26	M67	Z	0	0	0	%100
27	M88	X	3.437	3.437	0	%100
28	M88	Z	-5.953	-5.953	0	%100
29	M34	X	5.065	5.065	0	%100
30	M34	Z	-8.773	-8.773	0	%100
31	M44A	X	8.683	8.683	0	%100
32	M44A	Z	-15.039	-15.039	0	%100
33	M46	X	8.683	8.683	0	%100
34	M46	Z	-15.039	-15.039	0	%100
35	M47	X	0	0	0	%100
36	M47	Z	0	0	0	%100
37	M48A	X	6.819	6.819	0	%100
38	M48A	Z	-11.811	-11.811	0	%100
39	M49A	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
40	M49A	Z	0	0	0	%100
41	M50A	X	0	0	0	%100
42	M50A	Z	0	0	0	%100
43	M52A	X	8.683	8.683	0	%100
44	M52A	Z	-15.039	-15.039	0	%100
45	M53A	X	11.577	11.577	0	%100
46	M53A	Z	-20.052	-20.052	0	%100
47	M55	X	8.683	8.683	0	%100
48	M55	Z	-15.039	-15.039	0	%100
49	M56B	X	11.577	11.577	0	%100
50	M56B	Z	-20.052	-20.052	0	%100
51	M57	X	4.81	4.81	0	%100
52	M57	Z	-8.331	-8.331	0	%100
53	M60	X	4.81	4.81	0	%100
54	M60	Z	-8.331	-8.331	0	%100
55	M62	X	3.437	3.437	0	%100
56	M62	Z	-5.953	-5.953	0	%100
57	M67A	X	0	0	0	%100
58	M67A	Z	0	0	0	%100
59	M77	X	8.683	8.683	0	%100
60	M77	Z	-15.039	-15.039	0	%100
61	M79	X	0	0	0	%100
62	M79	Z	0	0	0	%100
63	M80	X	8.683	8.683	0	%100
64	M80	Z	-15.039	-15.039	0	%100
65	M81	X	1.705	1.705	0	%100
66	M81	Z	-2.953	-2.953	0	%100
67	M82	X	4.371	4.371	0	%100
68	M82	Z	-7.57	-7.57	0	%100
69	M83	X	4.371	4.371	0	%100
70	M83	Z	-7.57	-7.57	0	%100
71	M85	X	0	0	0	%100
72	M85	Z	0	0	0	%100
73	M86	X	2.894	2.894	0	%100
74	M86	Z	-5.013	-5.013	0	%100
75	M88A	X	8.683	8.683	0	%100
76	M88A	Z	-15.039	-15.039	0	%100
77	M89A	X	2.894	2.894	0	%100
78	M89A	Z	-5.013	-5.013	0	%100
79	M90A	X	0	0	0	%100
80	M90A	Z	0	0	0	%100
81	M93	X	4.81	4.81	0	%100
82	M93	Z	-8.331	-8.331	0	%100
83	M95	X	0	0	0	%100
84	M95	Z	0	0	0	%100
85	M100	X	3.999	3.999	0	%100
86	M100	Z	-6.926	-6.926	0	%100
87	M101	X	0	0	0	%100
88	M101	Z	0	0	0	%100
89	M102	X	3.999	3.999	0	%100
90	M102	Z	-6.926	-6.926	0	%100
91	MP4A	X	4.583	4.583	0	%100
92	MP4A	Z	-7.937	-7.937	0	%100
93	MP3A	X	4.583	4.583	0	%100
94	MP3A	Z	-7.937	-7.937	0	%100
95	MP2A	X	4.583	4.583	0	%100
96	MP2A	Z	-7.937	-7.937	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
97	MP1A	X	4.583	4.583	0	%100
98	MP1A	Z	-7.937	-7.937	0	%100
99	M106	X	4.639	4.639	0	%100
100	M106	Z	-8.035	-8.035	0	%100
101	M111	X	4.639	4.639	0	%100
102	M111	Z	-8.035	-8.035	0	%100
103	M114	X	7.366	7.366	0	%100
104	M114	Z	-12.758	-12.758	0	%100
105	MP3C	X	4.583	4.583	0	%100
106	MP3C	Z	-7.937	-7.937	0	%100
107	MP2C	X	4.583	4.583	0	%100
108	MP2C	Z	-7.937	-7.937	0	%100
109	MP1C	X	4.583	4.583	0	%100
110	MP1C	Z	-7.937	-7.937	0	%100
111	MP4C	X	4.583	4.583	0	%100
112	MP4C	Z	-7.937	-7.937	0	%100
113	MP3B	X	4.583	4.583	0	%100
114	MP3B	Z	-7.937	-7.937	0	%100
115	MP2B	X	4.583	4.583	0	%100
116	MP2B	Z	-7.937	-7.937	0	%100
117	MP1B	X	4.583	4.583	0	%100
118	MP1B	Z	-7.937	-7.937	0	%100
119	MP4B	X	4.583	4.583	0	%100
120	MP4B	Z	-7.937	-7.937	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	2.924	2.924	0	%100
2	M1	Z	-1.688	-1.688	0	%100
3	M41	X	5.013	5.013	0	%100
4	M41	Z	-2.894	-2.894	0	%100
5	M43	X	5.013	5.013	0	%100
6	M43	Z	-2.894	-2.894	0	%100
7	M44	X	20.052	20.052	0	%100
8	M44	Z	-11.577	-11.577	0	%100
9	M45A	X	0	0	0	%100
10	M45A	Z	0	0	0	%100
11	M46A	X	10.093	10.093	0	%100
12	M46A	Z	-5.827	-5.827	0	%100
13	M47A	X	10.093	10.093	0	%100
14	M47A	Z	-5.827	-5.827	0	%100
15	M49	X	5.013	5.013	0	%100
16	M49	Z	-2.894	-2.894	0	%100
17	M50	X	0	0	0	%100
18	M50	Z	0	0	0	%100
19	M52	X	5.013	5.013	0	%100
20	M52	Z	-2.894	-2.894	0	%100
21	M53	X	0	0	0	%100
22	M53	Z	0	0	0	%100
23	M56	X	2.777	2.777	0	%100
24	M56	Z	-1.603	-1.603	0	%100
25	M67	X	2.777	2.777	0	%100
26	M67	Z	-1.603	-1.603	0	%100
27	M88	X	1.984	1.984	0	%100
28	M88	Z	-1.146	-1.146	0	%100
29	M34	X	11.697	11.697	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
30	M34	Z	-6.753	-6.753	0	%100
31	M44A	X	5.013	5.013	0	%100
32	M44A	Z	-2.894	-2.894	0	%100
33	M46	X	20.052	20.052	0	%100
34	M46	Z	-11.577	-11.577	0	%100
35	M47	X	5.013	5.013	0	%100
36	M47	Z	-2.894	-2.894	0	%100
37	M48A	X	8.858	8.858	0	%100
38	M48A	Z	-5.114	-5.114	0	%100
39	M49A	X	2.523	2.523	0	%100
40	M49A	Z	-1.457	-1.457	0	%100
41	M50A	X	2.523	2.523	0	%100
42	M50A	Z	-1.457	-1.457	0	%100
43	M52A	X	20.052	20.052	0	%100
44	M52A	Z	-11.577	-11.577	0	%100
45	M53A	X	15.039	15.039	0	%100
46	M53A	Z	-8.683	-8.683	0	%100
47	M55	X	5.013	5.013	0	%100
48	M55	Z	-2.894	-2.894	0	%100
49	M56B	X	15.039	15.039	0	%100
50	M56B	Z	-8.683	-8.683	0	%100
51	M57	X	11.108	11.108	0	%100
52	M57	Z	-6.413	-6.413	0	%100
53	M60	X	2.777	2.777	0	%100
54	M60	Z	-1.603	-1.603	0	%100
55	M62	X	7.937	7.937	0	%100
56	M62	Z	-4.583	-4.583	0	%100
57	M67A	X	2.924	2.924	0	%100
58	M67A	Z	-1.688	-1.688	0	%100
59	M77	X	20.052	20.052	0	%100
60	M77	Z	-11.577	-11.577	0	%100
61	M79	X	5.013	5.013	0	%100
62	M79	Z	-2.894	-2.894	0	%100
63	M80	X	5.013	5.013	0	%100
64	M80	Z	-2.894	-2.894	0	%100
65	M81	X	8.858	8.858	0	%100
66	M81	Z	-5.114	-5.114	0	%100
67	M82	X	2.523	2.523	0	%100
68	M82	Z	-1.457	-1.457	0	%100
69	M83	X	2.523	2.523	0	%100
70	M83	Z	-1.457	-1.457	0	%100
71	M85	X	5.013	5.013	0	%100
72	M85	Z	-2.894	-2.894	0	%100
73	M86	X	15.039	15.039	0	%100
74	M86	Z	-8.683	-8.683	0	%100
75	M88A	X	20.052	20.052	0	%100
76	M88A	Z	-11.577	-11.577	0	%100
77	M89A	X	15.039	15.039	0	%100
78	M89A	Z	-8.683	-8.683	0	%100
79	M90A	X	2.777	2.777	0	%100
80	M90A	Z	-1.603	-1.603	0	%100
81	M93	X	11.108	11.108	0	%100
82	M93	Z	-6.413	-6.413	0	%100
83	M95	X	1.984	1.984	0	%100
84	M95	Z	-1.146	-1.146	0	%100
85	M100	X	9.235	9.235	0	%100
86	M100	Z	-5.332	-5.332	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
87	M101	X	2.309	2.309	0	%100
88	M101	Z	-1.333	-1.333	0	%100
89	M102	X	2.309	2.309	0	%100
90	M102	Z	-1.333	-1.333	0	%100
91	MP4A	X	7.937	7.937	0	%100
92	MP4A	Z	-4.583	-4.583	0	%100
93	MP3A	X	7.937	7.937	0	%100
94	MP3A	Z	-4.583	-4.583	0	%100
95	MP2A	X	7.937	7.937	0	%100
96	MP2A	Z	-4.583	-4.583	0	%100
97	MP1A	X	7.937	7.937	0	%100
98	MP1A	Z	-4.583	-4.583	0	%100
99	M106	X	11.184	11.184	0	%100
100	M106	Z	-6.457	-6.457	0	%100
101	M111	X	6.461	6.461	0	%100
102	M111	Z	-3.73	-3.73	0	%100
103	M114	X	11.184	11.184	0	%100
104	M114	Z	-6.457	-6.457	0	%100
105	MP3C	X	7.937	7.937	0	%100
106	MP3C	Z	-4.583	-4.583	0	%100
107	MP2C	X	7.937	7.937	0	%100
108	MP2C	Z	-4.583	-4.583	0	%100
109	MP1C	X	7.937	7.937	0	%100
110	MP1C	Z	-4.583	-4.583	0	%100
111	MP4C	X	7.937	7.937	0	%100
112	MP4C	Z	-4.583	-4.583	0	%100
113	MP3B	X	7.937	7.937	0	%100
114	MP3B	Z	-4.583	-4.583	0	%100
115	MP2B	X	7.937	7.937	0	%100
116	MP2B	Z	-4.583	-4.583	0	%100
117	MP1B	X	7.937	7.937	0	%100
118	MP1B	Z	-4.583	-4.583	0	%100
119	MP4B	X	7.937	7.937	0	%100
120	MP4B	Z	-4.583	-4.583	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M41	X	17.365	17.365	0	%100
4	M41	Z	0	0	0	%100
5	M43	X	0	0	0	%100
6	M43	Z	0	0	0	%100
7	M44	X	17.365	17.365	0	%100
8	M44	Z	0	0	0	%100
9	M45A	X	3.41	3.41	0	%100
10	M45A	Z	0	0	0	%100
11	M46A	X	8.741	8.741	0	%100
12	M46A	Z	0	0	0	%100
13	M47A	X	8.741	8.741	0	%100
14	M47A	Z	0	0	0	%100
15	M49	X	0	0	0	%100
16	M49	Z	0	0	0	%100
17	M50	X	5.788	5.788	0	%100
18	M50	Z	0	0	0	%100
19	M52	X	17.365	17.365	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
20	M52	Z	0	0	0	%100
21	M53	X	5.788	5.788	0	%100
22	M53	Z	0	0	0	%100
23	M56	X	0	0	0	%100
24	M56	Z	0	0	0	%100
25	M67	X	9.62	9.62	0	%100
26	M67	Z	0	0	0	%100
27	M88	X	0	0	0	%100
28	M88	Z	0	0	0	%100
29	M34	X	10.13	10.13	0	%100
30	M34	Z	0	0	0	%100
31	M44A	X	0	0	0	%100
32	M44A	Z	0	0	0	%100
33	M46	X	17.365	17.365	0	%100
34	M46	Z	0	0	0	%100
35	M47	X	17.365	17.365	0	%100
36	M47	Z	0	0	0	%100
37	M48A	X	3.41	3.41	0	%100
38	M48A	Z	0	0	0	%100
39	M49A	X	8.741	8.741	0	%100
40	M49A	Z	0	0	0	%100
41	M50A	X	8.741	8.741	0	%100
42	M50A	Z	0	0	0	%100
43	M52A	X	17.365	17.365	0	%100
44	M52A	Z	0	0	0	%100
45	M53A	X	5.788	5.788	0	%100
46	M53A	Z	0	0	0	%100
47	M55	X	0	0	0	%100
48	M55	Z	0	0	0	%100
49	M56B	X	5.788	5.788	0	%100
50	M56B	Z	0	0	0	%100
51	M57	X	9.62	9.62	0	%100
52	M57	Z	0	0	0	%100
53	M60	X	0	0	0	%100
54	M60	Z	0	0	0	%100
55	M62	X	6.874	6.874	0	%100
56	M62	Z	0	0	0	%100
57	M67A	X	10.13	10.13	0	%100
58	M67A	Z	0	0	0	%100
59	M77	X	17.365	17.365	0	%100
60	M77	Z	0	0	0	%100
61	M79	X	17.365	17.365	0	%100
62	M79	Z	0	0	0	%100
63	M80	X	0	0	0	%100
64	M80	Z	0	0	0	%100
65	M81	X	13.638	13.638	0	%100
66	M81	Z	0	0	0	%100
67	M82	X	0	0	0	%100
68	M82	Z	0	0	0	%100
69	M83	X	0	0	0	%100
70	M83	Z	0	0	0	%100
71	M85	X	17.365	17.365	0	%100
72	M85	Z	0	0	0	%100
73	M86	X	23.154	23.154	0	%100
74	M86	Z	0	0	0	%100
75	M88A	X	17.365	17.365	0	%100
76	M88A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
77	M89A	X	23.154	23.154	0	%100
78	M89A	Z	0	0	0	%100
79	M90A	X	9.62	9.62	0	%100
80	M90A	Z	0	0	0	%100
81	M93	X	9.62	9.62	0	%100
82	M93	Z	0	0	0	%100
83	M95	X	6.874	6.874	0	%100
84	M95	Z	0	0	0	%100
85	M100	X	7.998	7.998	0	%100
86	M100	Z	0	0	0	%100
87	M101	X	7.998	7.998	0	%100
88	M101	Z	0	0	0	%100
89	M102	X	0	0	0	%100
90	M102	Z	0	0	0	%100
91	MP4A	X	9.165	9.165	0	%100
92	MP4A	Z	0	0	0	%100
93	MP3A	X	9.165	9.165	0	%100
94	MP3A	Z	0	0	0	%100
95	MP2A	X	9.165	9.165	0	%100
96	MP2A	Z	0	0	0	%100
97	MP1A	X	9.165	9.165	0	%100
98	MP1A	Z	0	0	0	%100
99	M106	X	14.732	14.732	0	%100
100	M106	Z	0	0	0	%100
101	M111	X	9.278	9.278	0	%100
102	M111	Z	0	0	0	%100
103	M114	X	9.278	9.278	0	%100
104	M114	Z	0	0	0	%100
105	MP3C	X	9.165	9.165	0	%100
106	MP3C	Z	0	0	0	%100
107	MP2C	X	9.165	9.165	0	%100
108	MP2C	Z	0	0	0	%100
109	MP1C	X	9.165	9.165	0	%100
110	MP1C	Z	0	0	0	%100
111	MP4C	X	9.165	9.165	0	%100
112	MP4C	Z	0	0	0	%100
113	MP3B	X	9.165	9.165	0	%100
114	MP3B	Z	0	0	0	%100
115	MP2B	X	9.165	9.165	0	%100
116	MP2B	Z	0	0	0	%100
117	MP1B	X	9.165	9.165	0	%100
118	MP1B	Z	0	0	0	%100
119	MP4B	X	9.165	9.165	0	%100
120	MP4B	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	2.924	2.924	0	%100
2	M1	Z	1.688	1.688	0	%100
3	M41	X	20.052	20.052	0	%100
4	M41	Z	11.577	11.577	0	%100
5	M43	X	5.013	5.013	0	%100
6	M43	Z	2.894	2.894	0	%100
7	M44	X	5.013	5.013	0	%100
8	M44	Z	2.894	2.894	0	%100
9	M45A	X	8.858	8.858	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
10	M45A	Z	5.114	5.114	0	%100
11	M46A	X	2.523	2.523	0	%100
12	M46A	Z	1.457	1.457	0	%100
13	M47A	X	2.523	2.523	0	%100
14	M47A	Z	1.457	1.457	0	%100
15	M49	X	5.013	5.013	0	%100
16	M49	Z	2.894	2.894	0	%100
17	M50	X	15.039	15.039	0	%100
18	M50	Z	8.683	8.683	0	%100
19	M52	X	20.052	20.052	0	%100
20	M52	Z	11.577	11.577	0	%100
21	M53	X	15.039	15.039	0	%100
22	M53	Z	8.683	8.683	0	%100
23	M56	X	2.777	2.777	0	%100
24	M56	Z	1.603	1.603	0	%100
25	M67	X	11.108	11.108	0	%100
26	M67	Z	6.413	6.413	0	%100
27	M88	X	1.984	1.984	0	%100
28	M88	Z	1.146	1.146	0	%100
29	M34	X	2.924	2.924	0	%100
30	M34	Z	1.688	1.688	0	%100
31	M44A	X	5.013	5.013	0	%100
32	M44A	Z	2.894	2.894	0	%100
33	M46	X	5.013	5.013	0	%100
34	M46	Z	2.894	2.894	0	%100
35	M47	X	20.052	20.052	0	%100
36	M47	Z	11.577	11.577	0	%100
37	M48A	X	0	0	0	%100
38	M48A	Z	0	0	0	%100
39	M49A	X	10.093	10.093	0	%100
40	M49A	Z	5.827	5.827	0	%100
41	M50A	X	10.093	10.093	0	%100
42	M50A	Z	5.827	5.827	0	%100
43	M52A	X	5.013	5.013	0	%100
44	M52A	Z	2.894	2.894	0	%100
45	M53A	X	0	0	0	%100
46	M53A	Z	0	0	0	%100
47	M55	X	5.013	5.013	0	%100
48	M55	Z	2.894	2.894	0	%100
49	M56B	X	0	0	0	%100
50	M56B	Z	0	0	0	%100
51	M57	X	2.777	2.777	0	%100
52	M57	Z	1.603	1.603	0	%100
53	M60	X	2.777	2.777	0	%100
54	M60	Z	1.603	1.603	0	%100
55	M62	X	1.984	1.984	0	%100
56	M62	Z	1.146	1.146	0	%100
57	M67A	X	11.697	11.697	0	%100
58	M67A	Z	6.753	6.753	0	%100
59	M77	X	5.013	5.013	0	%100
60	M77	Z	2.894	2.894	0	%100
61	M79	X	20.052	20.052	0	%100
62	M79	Z	11.577	11.577	0	%100
63	M80	X	5.013	5.013	0	%100
64	M80	Z	2.894	2.894	0	%100
65	M81	X	8.858	8.858	0	%100
66	M81	Z	5.114	5.114	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
67	M82	X	2.523	2.523	0	%100
68	M82	Z	1.457	1.457	0	%100
69	M83	X	2.523	2.523	0	%100
70	M83	Z	1.457	1.457	0	%100
71	M85	X	20.052	20.052	0	%100
72	M85	Z	11.577	11.577	0	%100
73	M86	X	15.039	15.039	0	%100
74	M86	Z	8.683	8.683	0	%100
75	M88A	X	5.013	5.013	0	%100
76	M88A	Z	2.894	2.894	0	%100
77	M89A	X	15.039	15.039	0	%100
78	M89A	Z	8.683	8.683	0	%100
79	M90A	X	11.108	11.108	0	%100
80	M90A	Z	6.413	6.413	0	%100
81	M93	X	2.777	2.777	0	%100
82	M93	Z	1.603	1.603	0	%100
83	M95	X	7.937	7.937	0	%100
84	M95	Z	4.583	4.583	0	%100
85	M100	X	2.309	2.309	0	%100
86	M100	Z	1.333	1.333	0	%100
87	M101	X	9.235	9.235	0	%100
88	M101	Z	5.332	5.332	0	%100
89	M102	X	2.309	2.309	0	%100
90	M102	Z	1.333	1.333	0	%100
91	MP4A	X	7.937	7.937	0	%100
92	MP4A	Z	4.583	4.583	0	%100
93	MP3A	X	7.937	7.937	0	%100
94	MP3A	Z	4.583	4.583	0	%100
95	MP2A	X	7.937	7.937	0	%100
96	MP2A	Z	4.583	4.583	0	%100
97	MP1A	X	7.937	7.937	0	%100
98	MP1A	Z	4.583	4.583	0	%100
99	M106	X	11.184	11.184	0	%100
100	M106	Z	6.457	6.457	0	%100
101	M111	X	11.184	11.184	0	%100
102	M111	Z	6.457	6.457	0	%100
103	M114	X	6.461	6.461	0	%100
104	M114	Z	3.73	3.73	0	%100
105	MP3C	X	7.937	7.937	0	%100
106	MP3C	Z	4.583	4.583	0	%100
107	MP2C	X	7.937	7.937	0	%100
108	MP2C	Z	4.583	4.583	0	%100
109	MP1C	X	7.937	7.937	0	%100
110	MP1C	Z	4.583	4.583	0	%100
111	MP4C	X	7.937	7.937	0	%100
112	MP4C	Z	4.583	4.583	0	%100
113	MP3B	X	7.937	7.937	0	%100
114	MP3B	Z	4.583	4.583	0	%100
115	MP2B	X	7.937	7.937	0	%100
116	MP2B	Z	4.583	4.583	0	%100
117	MP1B	X	7.937	7.937	0	%100
118	MP1B	Z	4.583	4.583	0	%100
119	MP4B	X	7.937	7.937	0	%100
120	MP4B	Z	4.583	4.583	0	%100

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

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

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	5.065	5.065	0	%100
2	M1	Z	8.773	8.773	0	%100
3	M41	X	8.683	8.683	0	%100
4	M41	Z	15.039	15.039	0	%100
5	M43	X	8.683	8.683	0	%100
6	M43	Z	15.039	15.039	0	%100
7	M44	X	0	0	0	%100
8	M44	Z	0	0	0	%100
9	M45A	X	6.819	6.819	0	%100
10	M45A	Z	11.811	11.811	0	%100
11	M46A	X	0	0	0	%100
12	M46A	Z	0	0	0	%100
13	M47A	X	0	0	0	%100
14	M47A	Z	0	0	0	%100
15	M49	X	8.683	8.683	0	%100
16	M49	Z	15.039	15.039	0	%100
17	M50	X	11.577	11.577	0	%100
18	M50	Z	20.052	20.052	0	%100
19	M52	X	8.683	8.683	0	%100
20	M52	Z	15.039	15.039	0	%100
21	M53	X	11.577	11.577	0	%100
22	M53	Z	20.052	20.052	0	%100
23	M56	X	4.81	4.81	0	%100
24	M56	Z	8.331	8.331	0	%100
25	M67	X	4.81	4.81	0	%100
26	M67	Z	8.331	8.331	0	%100
27	M88	X	3.437	3.437	0	%100
28	M88	Z	5.953	5.953	0	%100
29	M34	X	0	0	0	%100
30	M34	Z	0	0	0	%100
31	M44A	X	8.683	8.683	0	%100
32	M44A	Z	15.039	15.039	0	%100
33	M46	X	0	0	0	%100
34	M46	Z	0	0	0	%100
35	M47	X	8.683	8.683	0	%100
36	M47	Z	15.039	15.039	0	%100
37	M48A	X	1.705	1.705	0	%100
38	M48A	Z	2.953	2.953	0	%100
39	M49A	X	4.371	4.371	0	%100
40	M49A	Z	7.57	7.57	0	%100
41	M50A	X	4.371	4.371	0	%100
42	M50A	Z	7.57	7.57	0	%100
43	M52A	X	0	0	0	%100
44	M52A	Z	0	0	0	%100
45	M53A	X	2.894	2.894	0	%100
46	M53A	Z	5.013	5.013	0	%100
47	M55	X	8.683	8.683	0	%100
48	M55	Z	15.039	15.039	0	%100
49	M56B	X	2.894	2.894	0	%100
50	M56B	Z	5.013	5.013	0	%100
51	M57	X	0	0	0	%100
52	M57	Z	0	0	0	%100
53	M60	X	4.81	4.81	0	%100
54	M60	Z	8.331	8.331	0	%100
55	M62	X	0	0	0	%100
56	M62	Z	0	0	0	%100
57	M67A	X	5.065	5.065	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	M67A	Z	8.773	8.773	0	%100
59	M77	X	0	0	0	%100
60	M77	Z	0	0	0	%100
61	M79	X	8.683	8.683	0	%100
62	M79	Z	15.039	15.039	0	%100
63	M80	X	8.683	8.683	0	%100
64	M80	Z	15.039	15.039	0	%100
65	M81	X	1.705	1.705	0	%100
66	M81	Z	2.953	2.953	0	%100
67	M82	X	4.371	4.371	0	%100
68	M82	Z	7.57	7.57	0	%100
69	M83	X	4.371	4.371	0	%100
70	M83	Z	7.57	7.57	0	%100
71	M85	X	8.683	8.683	0	%100
72	M85	Z	15.039	15.039	0	%100
73	M86	X	2.894	2.894	0	%100
74	M86	Z	5.013	5.013	0	%100
75	M88A	X	0	0	0	%100
76	M88A	Z	0	0	0	%100
77	M89A	X	2.894	2.894	0	%100
78	M89A	Z	5.013	5.013	0	%100
79	M90A	X	4.81	4.81	0	%100
80	M90A	Z	8.331	8.331	0	%100
81	M93	X	0	0	0	%100
82	M93	Z	0	0	0	%100
83	M95	X	3.437	3.437	0	%100
84	M95	Z	5.953	5.953	0	%100
85	M100	X	0	0	0	%100
86	M100	Z	0	0	0	%100
87	M101	X	3.999	3.999	0	%100
88	M101	Z	6.926	6.926	0	%100
89	M102	X	3.999	3.999	0	%100
90	M102	Z	6.926	6.926	0	%100
91	MP4A	X	4.583	4.583	0	%100
92	MP4A	Z	7.937	7.937	0	%100
93	MP3A	X	4.583	4.583	0	%100
94	MP3A	Z	7.937	7.937	0	%100
95	MP2A	X	4.583	4.583	0	%100
96	MP2A	Z	7.937	7.937	0	%100
97	MP1A	X	4.583	4.583	0	%100
98	MP1A	Z	7.937	7.937	0	%100
99	M106	X	4.639	4.639	0	%100
100	M106	Z	8.035	8.035	0	%100
101	M111	X	7.366	7.366	0	%100
102	M111	Z	12.758	12.758	0	%100
103	M114	X	4.639	4.639	0	%100
104	M114	Z	8.035	8.035	0	%100
105	MP3C	X	4.583	4.583	0	%100
106	MP3C	Z	7.937	7.937	0	%100
107	MP2C	X	4.583	4.583	0	%100
108	MP2C	Z	7.937	7.937	0	%100
109	MP1C	X	4.583	4.583	0	%100
110	MP1C	Z	7.937	7.937	0	%100
111	MP4C	X	4.583	4.583	0	%100
112	MP4C	Z	7.937	7.937	0	%100
113	MP3B	X	4.583	4.583	0	%100
114	MP3B	Z	7.937	7.937	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
115	MP2B	X	4.583	4.583	0	%100
116	MP2B	Z	7.937	7.937	0	%100
117	MP1B	X	4.583	4.583	0	%100
118	MP1B	Z	7.937	7.937	0	%100
119	MP4B	X	4.583	4.583	0	%100
120	MP4B	Z	7.937	7.937	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	13.506	13.506	0	%100
3	M41	X	0	0	0	%100
4	M41	Z	5.788	5.788	0	%100
5	M43	X	0	0	0	%100
6	M43	Z	23.154	23.154	0	%100
7	M44	X	0	0	0	%100
8	M44	Z	5.788	5.788	0	%100
9	M45A	X	0	0	0	%100
10	M45A	Z	10.229	10.229	0	%100
11	M46A	X	0	0	0	%100
12	M46A	Z	2.914	2.914	0	%100
13	M47A	X	0	0	0	%100
14	M47A	Z	2.914	2.914	0	%100
15	M49	X	0	0	0	%100
16	M49	Z	23.154	23.154	0	%100
17	M50	X	0	0	0	%100
18	M50	Z	17.365	17.365	0	%100
19	M52	X	0	0	0	%100
20	M52	Z	5.788	5.788	0	%100
21	M53	X	0	0	0	%100
22	M53	Z	17.365	17.365	0	%100
23	M56	X	0	0	0	%100
24	M56	Z	12.826	12.826	0	%100
25	M67	X	0	0	0	%100
26	M67	Z	3.207	3.207	0	%100
27	M88	X	0	0	0	%100
28	M88	Z	9.165	9.165	0	%100
29	M34	X	0	0	0	%100
30	M34	Z	3.377	3.377	0	%100
31	M44A	X	0	0	0	%100
32	M44A	Z	23.154	23.154	0	%100
33	M46	X	0	0	0	%100
34	M46	Z	5.788	5.788	0	%100
35	M47	X	0	0	0	%100
36	M47	Z	5.788	5.788	0	%100
37	M48A	X	0	0	0	%100
38	M48A	Z	10.229	10.229	0	%100
39	M49A	X	0	0	0	%100
40	M49A	Z	2.914	2.914	0	%100
41	M50A	X	0	0	0	%100
42	M50A	Z	2.914	2.914	0	%100
43	M52A	X	0	0	0	%100
44	M52A	Z	5.788	5.788	0	%100
45	M53A	X	0	0	0	%100
46	M53A	Z	17.365	17.365	0	%100
47	M55	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
48	M55	Z	23.154	23.154	0	%100
49	M56B	X	0	0	0	%100
50	M56B	Z	17.365	17.365	0	%100
51	M57	X	0	0	0	%100
52	M57	Z	3.207	3.207	0	%100
53	M60	X	0	0	0	%100
54	M60	Z	12.826	12.826	0	%100
55	M62	X	0	0	0	%100
56	M62	Z	2.291	2.291	0	%100
57	M67A	X	0	0	0	%100
58	M67A	Z	3.377	3.377	0	%100
59	M77	X	0	0	0	%100
60	M77	Z	5.788	5.788	0	%100
61	M79	X	0	0	0	%100
62	M79	Z	5.788	5.788	0	%100
63	M80	X	0	0	0	%100
64	M80	Z	23.154	23.154	0	%100
65	M81	X	0	0	0	%100
66	M81	Z	0	0	0	%100
67	M82	X	0	0	0	%100
68	M82	Z	11.655	11.655	0	%100
69	M83	X	0	0	0	%100
70	M83	Z	11.655	11.655	0	%100
71	M85	X	0	0	0	%100
72	M85	Z	5.788	5.788	0	%100
73	M86	X	0	0	0	%100
74	M86	Z	0	0	0	%100
75	M88A	X	0	0	0	%100
76	M88A	Z	5.788	5.788	0	%100
77	M89A	X	0	0	0	%100
78	M89A	Z	0	0	0	%100
79	M90A	X	0	0	0	%100
80	M90A	Z	3.207	3.207	0	%100
81	M93	X	0	0	0	%100
82	M93	Z	3.207	3.207	0	%100
83	M95	X	0	0	0	%100
84	M95	Z	2.291	2.291	0	%100
85	M100	X	0	0	0	%100
86	M100	Z	2.666	2.666	0	%100
87	M101	X	0	0	0	%100
88	M101	Z	2.666	2.666	0	%100
89	M102	X	0	0	0	%100
90	M102	Z	10.664	10.664	0	%100
91	MP4A	X	0	0	0	%100
92	MP4A	Z	9.165	9.165	0	%100
93	MP3A	X	0	0	0	%100
94	MP3A	Z	9.165	9.165	0	%100
95	MP2A	X	0	0	0	%100
96	MP2A	Z	9.165	9.165	0	%100
97	MP1A	X	0	0	0	%100
98	MP1A	Z	9.165	9.165	0	%100
99	M106	X	0	0	0	%100
100	M106	Z	7.461	7.461	0	%100
101	M111	X	0	0	0	%100
102	M111	Z	12.914	12.914	0	%100
103	M114	X	0	0	0	%100
104	M114	Z	12.914	12.914	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
105	MP3C	X	0	0	0	%100
106	MP3C	Z	9.165	9.165	0	%100
107	MP2C	X	0	0	0	%100
108	MP2C	Z	9.165	9.165	0	%100
109	MP1C	X	0	0	0	%100
110	MP1C	Z	9.165	9.165	0	%100
111	MP4C	X	0	0	0	%100
112	MP4C	Z	9.165	9.165	0	%100
113	MP3B	X	0	0	0	%100
114	MP3B	Z	9.165	9.165	0	%100
115	MP2B	X	0	0	0	%100
116	MP2B	Z	9.165	9.165	0	%100
117	MP1B	X	0	0	0	%100
118	MP1B	Z	9.165	9.165	0	%100
119	MP4B	X	0	0	0	%100
120	MP4B	Z	9.165	9.165	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-5.065	-5.065	0	%100
2	M1	Z	8.773	8.773	0	%100
3	M41	X	0	0	0	%100
4	M41	Z	0	0	0	%100
5	M43	X	-8.683	-8.683	0	%100
6	M43	Z	15.039	15.039	0	%100
7	M44	X	-8.683	-8.683	0	%100
8	M44	Z	15.039	15.039	0	%100
9	M45A	X	-1.705	-1.705	0	%100
10	M45A	Z	2.953	2.953	0	%100
11	M46A	X	-4.371	-4.371	0	%100
12	M46A	Z	7.57	7.57	0	%100
13	M47A	X	-4.371	-4.371	0	%100
14	M47A	Z	7.57	7.57	0	%100
15	M49	X	-8.683	-8.683	0	%100
16	M49	Z	15.039	15.039	0	%100
17	M50	X	-2.894	-2.894	0	%100
18	M50	Z	5.013	5.013	0	%100
19	M52	X	0	0	0	%100
20	M52	Z	0	0	0	%100
21	M53	X	-2.894	-2.894	0	%100
22	M53	Z	5.013	5.013	0	%100
23	M56	X	-4.81	-4.81	0	%100
24	M56	Z	8.331	8.331	0	%100
25	M67	X	0	0	0	%100
26	M67	Z	0	0	0	%100
27	M88	X	-3.437	-3.437	0	%100
28	M88	Z	5.953	5.953	0	%100
29	M34	X	-5.065	-5.065	0	%100
30	M34	Z	8.773	8.773	0	%100
31	M44A	X	-8.683	-8.683	0	%100
32	M44A	Z	15.039	15.039	0	%100
33	M46	X	-8.683	-8.683	0	%100
34	M46	Z	15.039	15.039	0	%100
35	M47	X	0	0	0	%100
36	M47	Z	0	0	0	%100
37	M48A	X	-6.819	-6.819	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
38	M48A	Z	11.811	11.811	0	%100
39	M49A	X	0	0	0	%100
40	M49A	Z	0	0	0	%100
41	M50A	X	0	0	0	%100
42	M50A	Z	0	0	0	%100
43	M52A	X	-8.683	-8.683	0	%100
44	M52A	Z	15.039	15.039	0	%100
45	M53A	X	-11.577	-11.577	0	%100
46	M53A	Z	20.052	20.052	0	%100
47	M55	X	-8.683	-8.683	0	%100
48	M55	Z	15.039	15.039	0	%100
49	M56B	X	-11.577	-11.577	0	%100
50	M56B	Z	20.052	20.052	0	%100
51	M57	X	-4.81	-4.81	0	%100
52	M57	Z	8.331	8.331	0	%100
53	M60	X	-4.81	-4.81	0	%100
54	M60	Z	8.331	8.331	0	%100
55	M62	X	-3.437	-3.437	0	%100
56	M62	Z	5.953	5.953	0	%100
57	M67A	X	0	0	0	%100
58	M67A	Z	0	0	0	%100
59	M77	X	-8.683	-8.683	0	%100
60	M77	Z	15.039	15.039	0	%100
61	M79	X	0	0	0	%100
62	M79	Z	0	0	0	%100
63	M80	X	-8.683	-8.683	0	%100
64	M80	Z	15.039	15.039	0	%100
65	M81	X	-1.705	-1.705	0	%100
66	M81	Z	2.953	2.953	0	%100
67	M82	X	-4.371	-4.371	0	%100
68	M82	Z	7.57	7.57	0	%100
69	M83	X	-4.371	-4.371	0	%100
70	M83	Z	7.57	7.57	0	%100
71	M85	X	0	0	0	%100
72	M85	Z	0	0	0	%100
73	M86	X	-2.894	-2.894	0	%100
74	M86	Z	5.013	5.013	0	%100
75	M88A	X	-8.683	-8.683	0	%100
76	M88A	Z	15.039	15.039	0	%100
77	M89A	X	-2.894	-2.894	0	%100
78	M89A	Z	5.013	5.013	0	%100
79	M90A	X	0	0	0	%100
80	M90A	Z	0	0	0	%100
81	M93	X	-4.81	-4.81	0	%100
82	M93	Z	8.331	8.331	0	%100
83	M95	X	0	0	0	%100
84	M95	Z	0	0	0	%100
85	M100	X	-3.999	-3.999	0	%100
86	M100	Z	6.926	6.926	0	%100
87	M101	X	0	0	0	%100
88	M101	Z	0	0	0	%100
89	M102	X	-3.999	-3.999	0	%100
90	M102	Z	6.926	6.926	0	%100
91	MP4A	X	-4.583	-4.583	0	%100
92	MP4A	Z	7.937	7.937	0	%100
93	MP3A	X	-4.583	-4.583	0	%100
94	MP3A	Z	7.937	7.937	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
95	MP2A	X	-4.583	-4.583	0	%100
96	MP2A	Z	7.937	7.937	0	%100
97	MP1A	X	-4.583	-4.583	0	%100
98	MP1A	Z	7.937	7.937	0	%100
99	M106	X	-4.639	-4.639	0	%100
100	M106	Z	8.035	8.035	0	%100
101	M111	X	-4.639	-4.639	0	%100
102	M111	Z	8.035	8.035	0	%100
103	M114	X	-7.366	-7.366	0	%100
104	M114	Z	12.758	12.758	0	%100
105	MP3C	X	-4.583	-4.583	0	%100
106	MP3C	Z	7.937	7.937	0	%100
107	MP2C	X	-4.583	-4.583	0	%100
108	MP2C	Z	7.937	7.937	0	%100
109	MP1C	X	-4.583	-4.583	0	%100
110	MP1C	Z	7.937	7.937	0	%100
111	MP4C	X	-4.583	-4.583	0	%100
112	MP4C	Z	7.937	7.937	0	%100
113	MP3B	X	-4.583	-4.583	0	%100
114	MP3B	Z	7.937	7.937	0	%100
115	MP2B	X	-4.583	-4.583	0	%100
116	MP2B	Z	7.937	7.937	0	%100
117	MP1B	X	-4.583	-4.583	0	%100
118	MP1B	Z	7.937	7.937	0	%100
119	MP4B	X	-4.583	-4.583	0	%100
120	MP4B	Z	7.937	7.937	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-2.924	-2.924	0	%100
2	M1	Z	1.688	1.688	0	%100
3	M41	X	-5.013	-5.013	0	%100
4	M41	Z	2.894	2.894	0	%100
5	M43	X	-5.013	-5.013	0	%100
6	M43	Z	2.894	2.894	0	%100
7	M44	X	-20.052	-20.052	0	%100
8	M44	Z	11.577	11.577	0	%100
9	M45A	X	0	0	0	%100
10	M45A	Z	0	0	0	%100
11	M46A	X	-10.093	-10.093	0	%100
12	M46A	Z	5.827	5.827	0	%100
13	M47A	X	-10.093	-10.093	0	%100
14	M47A	Z	5.827	5.827	0	%100
15	M49	X	-5.013	-5.013	0	%100
16	M49	Z	2.894	2.894	0	%100
17	M50	X	0	0	0	%100
18	M50	Z	0	0	0	%100
19	M52	X	-5.013	-5.013	0	%100
20	M52	Z	2.894	2.894	0	%100
21	M53	X	0	0	0	%100
22	M53	Z	0	0	0	%100
23	M56	X	-2.777	-2.777	0	%100
24	M56	Z	1.603	1.603	0	%100
25	M67	X	-2.777	-2.777	0	%100
26	M67	Z	1.603	1.603	0	%100
27	M88	X	-1.984	-1.984	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
28	M88	Z	1.146	1.146	0	%100
29	M34	X	-11.697	-11.697	0	%100
30	M34	Z	6.753	6.753	0	%100
31	M44A	X	-5.013	-5.013	0	%100
32	M44A	Z	2.894	2.894	0	%100
33	M46	X	-20.052	-20.052	0	%100
34	M46	Z	11.577	11.577	0	%100
35	M47	X	-5.013	-5.013	0	%100
36	M47	Z	2.894	2.894	0	%100
37	M48A	X	-8.858	-8.858	0	%100
38	M48A	Z	5.114	5.114	0	%100
39	M49A	X	-2.523	-2.523	0	%100
40	M49A	Z	1.457	1.457	0	%100
41	M50A	X	-2.523	-2.523	0	%100
42	M50A	Z	1.457	1.457	0	%100
43	M52A	X	-20.052	-20.052	0	%100
44	M52A	Z	11.577	11.577	0	%100
45	M53A	X	-15.039	-15.039	0	%100
46	M53A	Z	8.683	8.683	0	%100
47	M55	X	-5.013	-5.013	0	%100
48	M55	Z	2.894	2.894	0	%100
49	M56B	X	-15.039	-15.039	0	%100
50	M56B	Z	8.683	8.683	0	%100
51	M57	X	-11.108	-11.108	0	%100
52	M57	Z	6.413	6.413	0	%100
53	M60	X	-2.777	-2.777	0	%100
54	M60	Z	1.603	1.603	0	%100
55	M62	X	-7.937	-7.937	0	%100
56	M62	Z	4.583	4.583	0	%100
57	M67A	X	-2.924	-2.924	0	%100
58	M67A	Z	1.688	1.688	0	%100
59	M77	X	-20.052	-20.052	0	%100
60	M77	Z	11.577	11.577	0	%100
61	M79	X	-5.013	-5.013	0	%100
62	M79	Z	2.894	2.894	0	%100
63	M80	X	-5.013	-5.013	0	%100
64	M80	Z	2.894	2.894	0	%100
65	M81	X	-8.858	-8.858	0	%100
66	M81	Z	5.114	5.114	0	%100
67	M82	X	-2.523	-2.523	0	%100
68	M82	Z	1.457	1.457	0	%100
69	M83	X	-2.523	-2.523	0	%100
70	M83	Z	1.457	1.457	0	%100
71	M85	X	-5.013	-5.013	0	%100
72	M85	Z	2.894	2.894	0	%100
73	M86	X	-15.039	-15.039	0	%100
74	M86	Z	8.683	8.683	0	%100
75	M88A	X	-20.052	-20.052	0	%100
76	M88A	Z	11.577	11.577	0	%100
77	M89A	X	-15.039	-15.039	0	%100
78	M89A	Z	8.683	8.683	0	%100
79	M90A	X	-2.777	-2.777	0	%100
80	M90A	Z	1.603	1.603	0	%100
81	M93	X	-11.108	-11.108	0	%100
82	M93	Z	6.413	6.413	0	%100
83	M95	X	-1.984	-1.984	0	%100
84	M95	Z	1.146	1.146	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
85	M100	X	-9.235	-9.235	0	%100
86	M100	Z	5.332	5.332	0	%100
87	M101	X	-2.309	-2.309	0	%100
88	M101	Z	1.333	1.333	0	%100
89	M102	X	-2.309	-2.309	0	%100
90	M102	Z	1.333	1.333	0	%100
91	MP4A	X	-7.937	-7.937	0	%100
92	MP4A	Z	4.583	4.583	0	%100
93	MP3A	X	-7.937	-7.937	0	%100
94	MP3A	Z	4.583	4.583	0	%100
95	MP2A	X	-7.937	-7.937	0	%100
96	MP2A	Z	4.583	4.583	0	%100
97	MP1A	X	-7.937	-7.937	0	%100
98	MP1A	Z	4.583	4.583	0	%100
99	M106	X	-11.184	-11.184	0	%100
100	M106	Z	6.457	6.457	0	%100
101	M111	X	-6.461	-6.461	0	%100
102	M111	Z	3.73	3.73	0	%100
103	M114	X	-11.184	-11.184	0	%100
104	M114	Z	6.457	6.457	0	%100
105	MP3C	X	-7.937	-7.937	0	%100
106	MP3C	Z	4.583	4.583	0	%100
107	MP2C	X	-7.937	-7.937	0	%100
108	MP2C	Z	4.583	4.583	0	%100
109	MP1C	X	-7.937	-7.937	0	%100
110	MP1C	Z	4.583	4.583	0	%100
111	MP4C	X	-7.937	-7.937	0	%100
112	MP4C	Z	4.583	4.583	0	%100
113	MP3B	X	-7.937	-7.937	0	%100
114	MP3B	Z	4.583	4.583	0	%100
115	MP2B	X	-7.937	-7.937	0	%100
116	MP2B	Z	4.583	4.583	0	%100
117	MP1B	X	-7.937	-7.937	0	%100
118	MP1B	Z	4.583	4.583	0	%100
119	MP4B	X	-7.937	-7.937	0	%100
120	MP4B	Z	4.583	4.583	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M41	X	-17.365	-17.365	0	%100
4	M41	Z	0	0	0	%100
5	M43	X	0	0	0	%100
6	M43	Z	0	0	0	%100
7	M44	X	-17.365	-17.365	0	%100
8	M44	Z	0	0	0	%100
9	M45A	X	-3.41	-3.41	0	%100
10	M45A	Z	0	0	0	%100
11	M46A	X	-8.741	-8.741	0	%100
12	M46A	Z	0	0	0	%100
13	M47A	X	-8.741	-8.741	0	%100
14	M47A	Z	0	0	0	%100
15	M49	X	0	0	0	%100
16	M49	Z	0	0	0	%100
17	M50	X	-5.788	-5.788	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
18	M50	Z	0	0	0	%100
19	M52	X	-17.365	-17.365	0	%100
20	M52	Z	0	0	0	%100
21	M53	X	-5.788	-5.788	0	%100
22	M53	Z	0	0	0	%100
23	M56	X	0	0	0	%100
24	M56	Z	0	0	0	%100
25	M67	X	-9.62	-9.62	0	%100
26	M67	Z	0	0	0	%100
27	M88	X	0	0	0	%100
28	M88	Z	0	0	0	%100
29	M34	X	-10.13	-10.13	0	%100
30	M34	Z	0	0	0	%100
31	M44A	X	0	0	0	%100
32	M44A	Z	0	0	0	%100
33	M46	X	-17.365	-17.365	0	%100
34	M46	Z	0	0	0	%100
35	M47	X	-17.365	-17.365	0	%100
36	M47	Z	0	0	0	%100
37	M48A	X	-3.41	-3.41	0	%100
38	M48A	Z	0	0	0	%100
39	M49A	X	-8.741	-8.741	0	%100
40	M49A	Z	0	0	0	%100
41	M50A	X	-8.741	-8.741	0	%100
42	M50A	Z	0	0	0	%100
43	M52A	X	-17.365	-17.365	0	%100
44	M52A	Z	0	0	0	%100
45	M53A	X	-5.788	-5.788	0	%100
46	M53A	Z	0	0	0	%100
47	M55	X	0	0	0	%100
48	M55	Z	0	0	0	%100
49	M56B	X	-5.788	-5.788	0	%100
50	M56B	Z	0	0	0	%100
51	M57	X	-9.62	-9.62	0	%100
52	M57	Z	0	0	0	%100
53	M60	X	0	0	0	%100
54	M60	Z	0	0	0	%100
55	M62	X	-6.874	-6.874	0	%100
56	M62	Z	0	0	0	%100
57	M67A	X	-10.13	-10.13	0	%100
58	M67A	Z	0	0	0	%100
59	M77	X	-17.365	-17.365	0	%100
60	M77	Z	0	0	0	%100
61	M79	X	-17.365	-17.365	0	%100
62	M79	Z	0	0	0	%100
63	M80	X	0	0	0	%100
64	M80	Z	0	0	0	%100
65	M81	X	-13.638	-13.638	0	%100
66	M81	Z	0	0	0	%100
67	M82	X	0	0	0	%100
68	M82	Z	0	0	0	%100
69	M83	X	0	0	0	%100
70	M83	Z	0	0	0	%100
71	M85	X	-17.365	-17.365	0	%100
72	M85	Z	0	0	0	%100
73	M86	X	-23.154	-23.154	0	%100
74	M86	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
75	M88A	X	-17.365	-17.365	0	%100
76	M88A	Z	0	0	0	%100
77	M89A	X	-23.154	-23.154	0	%100
78	M89A	Z	0	0	0	%100
79	M90A	X	-9.62	-9.62	0	%100
80	M90A	Z	0	0	0	%100
81	M93	X	-9.62	-9.62	0	%100
82	M93	Z	0	0	0	%100
83	M95	X	-6.874	-6.874	0	%100
84	M95	Z	0	0	0	%100
85	M100	X	-7.998	-7.998	0	%100
86	M100	Z	0	0	0	%100
87	M101	X	-7.998	-7.998	0	%100
88	M101	Z	0	0	0	%100
89	M102	X	0	0	0	%100
90	M102	Z	0	0	0	%100
91	MP4A	X	-9.165	-9.165	0	%100
92	MP4A	Z	0	0	0	%100
93	MP3A	X	-9.165	-9.165	0	%100
94	MP3A	Z	0	0	0	%100
95	MP2A	X	-9.165	-9.165	0	%100
96	MP2A	Z	0	0	0	%100
97	MP1A	X	-9.165	-9.165	0	%100
98	MP1A	Z	0	0	0	%100
99	M106	X	-14.732	-14.732	0	%100
100	M106	Z	0	0	0	%100
101	M111	X	-9.278	-9.278	0	%100
102	M111	Z	0	0	0	%100
103	M114	X	-9.278	-9.278	0	%100
104	M114	Z	0	0	0	%100
105	MP3C	X	-9.165	-9.165	0	%100
106	MP3C	Z	0	0	0	%100
107	MP2C	X	-9.165	-9.165	0	%100
108	MP2C	Z	0	0	0	%100
109	MP1C	X	-9.165	-9.165	0	%100
110	MP1C	Z	0	0	0	%100
111	MP4C	X	-9.165	-9.165	0	%100
112	MP4C	Z	0	0	0	%100
113	MP3B	X	-9.165	-9.165	0	%100
114	MP3B	Z	0	0	0	%100
115	MP2B	X	-9.165	-9.165	0	%100
116	MP2B	Z	0	0	0	%100
117	MP1B	X	-9.165	-9.165	0	%100
118	MP1B	Z	0	0	0	%100
119	MP4B	X	-9.165	-9.165	0	%100
120	MP4B	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-2.924	-2.924	0	%100
2	M1	Z	-1.688	-1.688	0	%100
3	M41	X	-20.052	-20.052	0	%100
4	M41	Z	-11.577	-11.577	0	%100
5	M43	X	-5.013	-5.013	0	%100
6	M43	Z	-2.894	-2.894	0	%100
7	M44	X	-5.013	-5.013	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
8	M44	Z	-2.894	-2.894	0	%100
9	M45A	X	-8.858	-8.858	0	%100
10	M45A	Z	-5.114	-5.114	0	%100
11	M46A	X	-2.523	-2.523	0	%100
12	M46A	Z	-1.457	-1.457	0	%100
13	M47A	X	-2.523	-2.523	0	%100
14	M47A	Z	-1.457	-1.457	0	%100
15	M49	X	-5.013	-5.013	0	%100
16	M49	Z	-2.894	-2.894	0	%100
17	M50	X	-15.039	-15.039	0	%100
18	M50	Z	-8.683	-8.683	0	%100
19	M52	X	-20.052	-20.052	0	%100
20	M52	Z	-11.577	-11.577	0	%100
21	M53	X	-15.039	-15.039	0	%100
22	M53	Z	-8.683	-8.683	0	%100
23	M56	X	-2.777	-2.777	0	%100
24	M56	Z	-1.603	-1.603	0	%100
25	M67	X	-11.108	-11.108	0	%100
26	M67	Z	-6.413	-6.413	0	%100
27	M88	X	-1.984	-1.984	0	%100
28	M88	Z	-1.146	-1.146	0	%100
29	M34	X	-2.924	-2.924	0	%100
30	M34	Z	-1.688	-1.688	0	%100
31	M44A	X	-5.013	-5.013	0	%100
32	M44A	Z	-2.894	-2.894	0	%100
33	M46	X	-5.013	-5.013	0	%100
34	M46	Z	-2.894	-2.894	0	%100
35	M47	X	-20.052	-20.052	0	%100
36	M47	Z	-11.577	-11.577	0	%100
37	M48A	X	0	0	0	%100
38	M48A	Z	0	0	0	%100
39	M49A	X	-10.093	-10.093	0	%100
40	M49A	Z	-5.827	-5.827	0	%100
41	M50A	X	-10.093	-10.093	0	%100
42	M50A	Z	-5.827	-5.827	0	%100
43	M52A	X	-5.013	-5.013	0	%100
44	M52A	Z	-2.894	-2.894	0	%100
45	M53A	X	0	0	0	%100
46	M53A	Z	0	0	0	%100
47	M55	X	-5.013	-5.013	0	%100
48	M55	Z	-2.894	-2.894	0	%100
49	M56B	X	0	0	0	%100
50	M56B	Z	0	0	0	%100
51	M57	X	-2.777	-2.777	0	%100
52	M57	Z	-1.603	-1.603	0	%100
53	M60	X	-2.777	-2.777	0	%100
54	M60	Z	-1.603	-1.603	0	%100
55	M62	X	-1.984	-1.984	0	%100
56	M62	Z	-1.146	-1.146	0	%100
57	M67A	X	-11.697	-11.697	0	%100
58	M67A	Z	-6.753	-6.753	0	%100
59	M77	X	-5.013	-5.013	0	%100
60	M77	Z	-2.894	-2.894	0	%100
61	M79	X	-20.052	-20.052	0	%100
62	M79	Z	-11.577	-11.577	0	%100
63	M80	X	-5.013	-5.013	0	%100
64	M80	Z	-2.894	-2.894	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
65	M81	X	-8.858	-8.858	0	%100
66	M81	Z	-5.114	-5.114	0	%100
67	M82	X	-2.523	-2.523	0	%100
68	M82	Z	-1.457	-1.457	0	%100
69	M83	X	-2.523	-2.523	0	%100
70	M83	Z	-1.457	-1.457	0	%100
71	M85	X	-20.052	-20.052	0	%100
72	M85	Z	-11.577	-11.577	0	%100
73	M86	X	-15.039	-15.039	0	%100
74	M86	Z	-8.683	-8.683	0	%100
75	M88A	X	-5.013	-5.013	0	%100
76	M88A	Z	-2.894	-2.894	0	%100
77	M89A	X	-15.039	-15.039	0	%100
78	M89A	Z	-8.683	-8.683	0	%100
79	M90A	X	-11.108	-11.108	0	%100
80	M90A	Z	-6.413	-6.413	0	%100
81	M93	X	-2.777	-2.777	0	%100
82	M93	Z	-1.603	-1.603	0	%100
83	M95	X	-7.937	-7.937	0	%100
84	M95	Z	-4.583	-4.583	0	%100
85	M100	X	-2.309	-2.309	0	%100
86	M100	Z	-1.333	-1.333	0	%100
87	M101	X	-9.235	-9.235	0	%100
88	M101	Z	-5.332	-5.332	0	%100
89	M102	X	-2.309	-2.309	0	%100
90	M102	Z	-1.333	-1.333	0	%100
91	MP4A	X	-7.937	-7.937	0	%100
92	MP4A	Z	-4.583	-4.583	0	%100
93	MP3A	X	-7.937	-7.937	0	%100
94	MP3A	Z	-4.583	-4.583	0	%100
95	MP2A	X	-7.937	-7.937	0	%100
96	MP2A	Z	-4.583	-4.583	0	%100
97	MP1A	X	-7.937	-7.937	0	%100
98	MP1A	Z	-4.583	-4.583	0	%100
99	M106	X	-11.184	-11.184	0	%100
100	M106	Z	-6.457	-6.457	0	%100
101	M111	X	-11.184	-11.184	0	%100
102	M111	Z	-6.457	-6.457	0	%100
103	M114	X	-6.461	-6.461	0	%100
104	M114	Z	-3.73	-3.73	0	%100
105	MP3C	X	-7.937	-7.937	0	%100
106	MP3C	Z	-4.583	-4.583	0	%100
107	MP2C	X	-7.937	-7.937	0	%100
108	MP2C	Z	-4.583	-4.583	0	%100
109	MP1C	X	-7.937	-7.937	0	%100
110	MP1C	Z	-4.583	-4.583	0	%100
111	MP4C	X	-7.937	-7.937	0	%100
112	MP4C	Z	-4.583	-4.583	0	%100
113	MP3B	X	-7.937	-7.937	0	%100
114	MP3B	Z	-4.583	-4.583	0	%100
115	MP2B	X	-7.937	-7.937	0	%100
116	MP2B	Z	-4.583	-4.583	0	%100
117	MP1B	X	-7.937	-7.937	0	%100
118	MP1B	Z	-4.583	-4.583	0	%100
119	MP4B	X	-7.937	-7.937	0	%100
120	MP4B	Z	-4.583	-4.583	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-5.065	-5.065	0	%100
2	M1	Z	-8.773	-8.773	0	%100
3	M41	X	-8.683	-8.683	0	%100
4	M41	Z	-15.039	-15.039	0	%100
5	M43	X	-8.683	-8.683	0	%100
6	M43	Z	-15.039	-15.039	0	%100
7	M44	X	0	0	0	%100
8	M44	Z	0	0	0	%100
9	M45A	X	-6.819	-6.819	0	%100
10	M45A	Z	-11.811	-11.811	0	%100
11	M46A	X	0	0	0	%100
12	M46A	Z	0	0	0	%100
13	M47A	X	0	0	0	%100
14	M47A	Z	0	0	0	%100
15	M49	X	-8.683	-8.683	0	%100
16	M49	Z	-15.039	-15.039	0	%100
17	M50	X	-11.577	-11.577	0	%100
18	M50	Z	-20.052	-20.052	0	%100
19	M52	X	-8.683	-8.683	0	%100
20	M52	Z	-15.039	-15.039	0	%100
21	M53	X	-11.577	-11.577	0	%100
22	M53	Z	-20.052	-20.052	0	%100
23	M56	X	-4.81	-4.81	0	%100
24	M56	Z	-8.331	-8.331	0	%100
25	M67	X	-4.81	-4.81	0	%100
26	M67	Z	-8.331	-8.331	0	%100
27	M88	X	-3.437	-3.437	0	%100
28	M88	Z	-5.953	-5.953	0	%100
29	M34	X	0	0	0	%100
30	M34	Z	0	0	0	%100
31	M44A	X	-8.683	-8.683	0	%100
32	M44A	Z	-15.039	-15.039	0	%100
33	M46	X	0	0	0	%100
34	M46	Z	0	0	0	%100
35	M47	X	-8.683	-8.683	0	%100
36	M47	Z	-15.039	-15.039	0	%100
37	M48A	X	-1.705	-1.705	0	%100
38	M48A	Z	-2.953	-2.953	0	%100
39	M49A	X	-4.371	-4.371	0	%100
40	M49A	Z	-7.57	-7.57	0	%100
41	M50A	X	-4.371	-4.371	0	%100
42	M50A	Z	-7.57	-7.57	0	%100
43	M52A	X	0	0	0	%100
44	M52A	Z	0	0	0	%100
45	M53A	X	-2.894	-2.894	0	%100
46	M53A	Z	-5.013	-5.013	0	%100
47	M55	X	-8.683	-8.683	0	%100
48	M55	Z	-15.039	-15.039	0	%100
49	M56B	X	-2.894	-2.894	0	%100
50	M56B	Z	-5.013	-5.013	0	%100
51	M57	X	0	0	0	%100
52	M57	Z	0	0	0	%100
53	M60	X	-4.81	-4.81	0	%100
54	M60	Z	-8.331	-8.331	0	%100
55	M62	X	0	0	0	%100
56	M62	Z	0	0	0	%100
57	M67A	X	-5.065	-5.065	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	M67A	Z	-8.773	-8.773	0	%100
59	M77	X	0	0	0	%100
60	M77	Z	0	0	0	%100
61	M79	X	-8.683	-8.683	0	%100
62	M79	Z	-15.039	-15.039	0	%100
63	M80	X	-8.683	-8.683	0	%100
64	M80	Z	-15.039	-15.039	0	%100
65	M81	X	-1.705	-1.705	0	%100
66	M81	Z	-2.953	-2.953	0	%100
67	M82	X	-4.371	-4.371	0	%100
68	M82	Z	-7.57	-7.57	0	%100
69	M83	X	-4.371	-4.371	0	%100
70	M83	Z	-7.57	-7.57	0	%100
71	M85	X	-8.683	-8.683	0	%100
72	M85	Z	-15.039	-15.039	0	%100
73	M86	X	-2.894	-2.894	0	%100
74	M86	Z	-5.013	-5.013	0	%100
75	M88A	X	0	0	0	%100
76	M88A	Z	0	0	0	%100
77	M89A	X	-2.894	-2.894	0	%100
78	M89A	Z	-5.013	-5.013	0	%100
79	M90A	X	-4.81	-4.81	0	%100
80	M90A	Z	-8.331	-8.331	0	%100
81	M93	X	0	0	0	%100
82	M93	Z	0	0	0	%100
83	M95	X	-3.437	-3.437	0	%100
84	M95	Z	-5.953	-5.953	0	%100
85	M100	X	0	0	0	%100
86	M100	Z	0	0	0	%100
87	M101	X	-3.999	-3.999	0	%100
88	M101	Z	-6.926	-6.926	0	%100
89	M102	X	-3.999	-3.999	0	%100
90	M102	Z	-6.926	-6.926	0	%100
91	MP4A	X	-4.583	-4.583	0	%100
92	MP4A	Z	-7.937	-7.937	0	%100
93	MP3A	X	-4.583	-4.583	0	%100
94	MP3A	Z	-7.937	-7.937	0	%100
95	MP2A	X	-4.583	-4.583	0	%100
96	MP2A	Z	-7.937	-7.937	0	%100
97	MP1A	X	-4.583	-4.583	0	%100
98	MP1A	Z	-7.937	-7.937	0	%100
99	M106	X	-4.639	-4.639	0	%100
100	M106	Z	-8.035	-8.035	0	%100
101	M111	X	-7.366	-7.366	0	%100
102	M111	Z	-12.758	-12.758	0	%100
103	M114	X	-4.639	-4.639	0	%100
104	M114	Z	-8.035	-8.035	0	%100
105	MP3C	X	-4.583	-4.583	0	%100
106	MP3C	Z	-7.937	-7.937	0	%100
107	MP2C	X	-4.583	-4.583	0	%100
108	MP2C	Z	-7.937	-7.937	0	%100
109	MP1C	X	-4.583	-4.583	0	%100
110	MP1C	Z	-7.937	-7.937	0	%100
111	MP4C	X	-4.583	-4.583	0	%100
112	MP4C	Z	-7.937	-7.937	0	%100
113	MP3B	X	-4.583	-4.583	0	%100
114	MP3B	Z	-7.937	-7.937	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
115	MP2B	X	-4.583	-4.583	0	%100
116	MP2B	Z	-7.937	-7.937	0	%100
117	MP1B	X	-4.583	-4.583	0	%100
118	MP1B	Z	-7.937	-7.937	0	%100
119	MP4B	X	-4.583	-4.583	0	%100
120	MP4B	Z	-7.937	-7.937	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	-4.566	-4.566	0	%100
3	M41	X	0	0	0	%100
4	M41	Z	-1.329	-1.329	0	%100
5	M43	X	0	0	0	%100
6	M43	Z	-5.316	-5.316	0	%100
7	M44	X	0	0	0	%100
8	M44	Z	-1.34	-1.34	0	%100
9	M45A	X	0	0	0	%100
10	M45A	Z	-3.238	-3.238	0	%100
11	M46A	X	0	0	0	%100
12	M46A	Z	-.895	-.895	0	%100
13	M47A	X	0	0	0	%100
14	M47A	Z	-.895	-.895	0	%100
15	M49	X	0	0	0	%100
16	M49	Z	-5.316	-5.316	0	%100
17	M50	X	0	0	0	%100
18	M50	Z	-3.987	-3.987	0	%100
19	M52	X	0	0	0	%100
20	M52	Z	-1.329	-1.329	0	%100
21	M53	X	0	0	0	%100
22	M53	Z	-3.987	-3.987	0	%100
23	M56	X	0	0	0	%100
24	M56	Z	-4.036	-4.036	0	%100
25	M67	X	0	0	0	%100
26	M67	Z	-1.009	-1.009	0	%100
27	M88	X	0	0	0	%100
28	M88	Z	-3.813	-3.813	0	%100
29	M34	X	0	0	0	%100
30	M34	Z	-1.142	-1.142	0	%100
31	M44A	X	0	0	0	%100
32	M44A	Z	-5.316	-5.316	0	%100
33	M46	X	0	0	0	%100
34	M46	Z	-1.329	-1.329	0	%100
35	M47	X	0	0	0	%100
36	M47	Z	-1.34	-1.34	0	%100
37	M48A	X	0	0	0	%100
38	M48A	Z	-3.238	-3.238	0	%100
39	M49A	X	0	0	0	%100
40	M49A	Z	-.895	-.895	0	%100
41	M50A	X	0	0	0	%100
42	M50A	Z	-.895	-.895	0	%100
43	M52A	X	0	0	0	%100
44	M52A	Z	-1.329	-1.329	0	%100
45	M53A	X	0	0	0	%100
46	M53A	Z	-3.987	-3.987	0	%100
47	M55	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
48	M55	Z	-5.316	-5.316	0	%100
49	M56B	X	0	0	0	%100
50	M56B	Z	-3.987	-3.987	0	%100
51	M57	X	0	0	0	%100
52	M57	Z	-1.009	-1.009	0	%100
53	M60	X	0	0	0	%100
54	M60	Z	-4.036	-4.036	0	%100
55	M62	X	0	0	0	%100
56	M62	Z	-.953	-.953	0	%100
57	M67A	X	0	0	0	%100
58	M67A	Z	-1.142	-1.142	0	%100
59	M77	X	0	0	0	%100
60	M77	Z	-1.329	-1.329	0	%100
61	M79	X	0	0	0	%100
62	M79	Z	-1.329	-1.329	0	%100
63	M80	X	0	0	0	%100
64	M80	Z	-5.361	-5.361	0	%100
65	M81	X	0	0	0	%100
66	M81	Z	0	0	0	%100
67	M82	X	0	0	0	%100
68	M82	Z	-3.579	-3.579	0	%100
69	M83	X	0	0	0	%100
70	M83	Z	-3.579	-3.579	0	%100
71	M85	X	0	0	0	%100
72	M85	Z	-1.329	-1.329	0	%100
73	M86	X	0	0	0	%100
74	M86	Z	0	0	0	%100
75	M88A	X	0	0	0	%100
76	M88A	Z	-1.329	-1.329	0	%100
77	M89A	X	0	0	0	%100
78	M89A	Z	0	0	0	%100
79	M90A	X	0	0	0	%100
80	M90A	Z	-1.009	-1.009	0	%100
81	M93	X	0	0	0	%100
82	M93	Z	-1.009	-1.009	0	%100
83	M95	X	0	0	0	%100
84	M95	Z	-.953	-.953	0	%100
85	M100	X	0	0	0	%100
86	M100	Z	-.803	-.803	0	%100
87	M101	X	0	0	0	%100
88	M101	Z	-.803	-.803	0	%100
89	M102	X	0	0	0	%100
90	M102	Z	-3.21	-3.21	0	%100
91	MP4A	X	0	0	0	%100
92	MP4A	Z	-3.813	-3.813	0	%100
93	MP3A	X	0	0	0	%100
94	MP3A	Z	-3.813	-3.813	0	%100
95	MP2A	X	0	0	0	%100
96	MP2A	Z	-3.813	-3.813	0	%100
97	MP1A	X	0	0	0	%100
98	MP1A	Z	-3.813	-3.813	0	%100
99	M106	X	0	0	0	%100
100	M106	Z	-1.825	-1.825	0	%100
101	M111	X	0	0	0	%100
102	M111	Z	-3.734	-3.734	0	%100
103	M114	X	0	0	0	%100
104	M114	Z	-3.734	-3.734	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
105	MP3C	X	0	0	0	%100
106	MP3C	Z	-3.813	-3.813	0	%100
107	MP2C	X	0	0	0	%100
108	MP2C	Z	-3.813	-3.813	0	%100
109	MP1C	X	0	0	0	%100
110	MP1C	Z	-3.813	-3.813	0	%100
111	MP4C	X	0	0	0	%100
112	MP4C	Z	-3.813	-3.813	0	%100
113	MP3B	X	0	0	0	%100
114	MP3B	Z	-3.813	-3.813	0	%100
115	MP2B	X	0	0	0	%100
116	MP2B	Z	-3.813	-3.813	0	%100
117	MP1B	X	0	0	0	%100
118	MP1B	Z	-3.813	-3.813	0	%100
119	MP4B	X	0	0	0	%100
120	MP4B	Z	-3.813	-3.813	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	1.712	1.712	0	%100
2	M1	Z	-2.966	-2.966	0	%100
3	M41	X	0	0	0	%100
4	M41	Z	0	0	0	%100
5	M43	X	1.993	1.993	0	%100
6	M43	Z	-3.453	-3.453	0	%100
7	M44	X	2.011	2.011	0	%100
8	M44	Z	-3.482	-3.482	0	%100
9	M45A	X	.54	.54	0	%100
10	M45A	Z	-.935	-.935	0	%100
11	M46A	X	1.342	1.342	0	%100
12	M46A	Z	-2.325	-2.325	0	%100
13	M47A	X	1.342	1.342	0	%100
14	M47A	Z	-2.325	-2.325	0	%100
15	M49	X	1.993	1.993	0	%100
16	M49	Z	-3.453	-3.453	0	%100
17	M50	X	.664	.664	0	%100
18	M50	Z	-1.151	-1.151	0	%100
19	M52	X	0	0	0	%100
20	M52	Z	0	0	0	%100
21	M53	X	.664	.664	0	%100
22	M53	Z	-1.151	-1.151	0	%100
23	M56	X	1.513	1.513	0	%100
24	M56	Z	-2.621	-2.621	0	%100
25	M67	X	0	0	0	%100
26	M67	Z	0	0	0	%100
27	M88	X	1.43	1.43	0	%100
28	M88	Z	-2.476	-2.476	0	%100
29	M34	X	1.712	1.712	0	%100
30	M34	Z	-2.966	-2.966	0	%100
31	M44A	X	1.993	1.993	0	%100
32	M44A	Z	-3.453	-3.453	0	%100
33	M46	X	1.993	1.993	0	%100
34	M46	Z	-3.453	-3.453	0	%100
35	M47	X	0	0	0	%100
36	M47	Z	0	0	0	%100
37	M48A	X	2.159	2.159	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
38	M48A	Z	-3.739	-3.739	0	%100
39	M49A	X	0	0	0	%100
40	M49A	Z	0	0	0	%100
41	M50A	X	0	0	0	%100
42	M50A	Z	0	0	0	%100
43	M52A	X	1.993	1.993	0	%100
44	M52A	Z	-3.453	-3.453	0	%100
45	M53A	X	2.658	2.658	0	%100
46	M53A	Z	-4.603	-4.603	0	%100
47	M55	X	1.993	1.993	0	%100
48	M55	Z	-3.453	-3.453	0	%100
49	M56B	X	2.658	2.658	0	%100
50	M56B	Z	-4.603	-4.603	0	%100
51	M57	X	1.513	1.513	0	%100
52	M57	Z	-2.621	-2.621	0	%100
53	M60	X	1.513	1.513	0	%100
54	M60	Z	-2.621	-2.621	0	%100
55	M62	X	1.43	1.43	0	%100
56	M62	Z	-2.476	-2.476	0	%100
57	M67A	X	0	0	0	%100
58	M67A	Z	0	0	0	%100
59	M77	X	1.993	1.993	0	%100
60	M77	Z	-3.453	-3.453	0	%100
61	M79	X	0	0	0	%100
62	M79	Z	0	0	0	%100
63	M80	X	2.011	2.011	0	%100
64	M80	Z	-3.482	-3.482	0	%100
65	M81	X	.54	.54	0	%100
66	M81	Z	-.935	-.935	0	%100
67	M82	X	1.342	1.342	0	%100
68	M82	Z	-2.325	-2.325	0	%100
69	M83	X	1.342	1.342	0	%100
70	M83	Z	-2.325	-2.325	0	%100
71	M85	X	0	0	0	%100
72	M85	Z	0	0	0	%100
73	M86	X	.664	.664	0	%100
74	M86	Z	-1.151	-1.151	0	%100
75	M88A	X	1.993	1.993	0	%100
76	M88A	Z	-3.453	-3.453	0	%100
77	M89A	X	.664	.664	0	%100
78	M89A	Z	-1.151	-1.151	0	%100
79	M90A	X	0	0	0	%100
80	M90A	Z	0	0	0	%100
81	M93	X	1.513	1.513	0	%100
82	M93	Z	-2.621	-2.621	0	%100
83	M95	X	0	0	0	%100
84	M95	Z	0	0	0	%100
85	M100	X	1.204	1.204	0	%100
86	M100	Z	-2.085	-2.085	0	%100
87	M101	X	0	0	0	%100
88	M101	Z	0	0	0	%100
89	M102	X	1.204	1.204	0	%100
90	M102	Z	-2.085	-2.085	0	%100
91	MP4A	X	1.906	1.906	0	%100
92	MP4A	Z	-3.302	-3.302	0	%100
93	MP3A	X	1.906	1.906	0	%100
94	MP3A	Z	-3.302	-3.302	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
95	MP2A	X	1.906	1.906	0	%100
96	MP2A	Z	-3.302	-3.302	0	%100
97	MP1A	X	1.906	1.906	0	%100
98	MP1A	Z	-3.302	-3.302	0	%100
99	M106	X	1.231	1.231	0	%100
100	M106	Z	-2.132	-2.132	0	%100
101	M111	X	1.231	1.231	0	%100
102	M111	Z	-2.132	-2.132	0	%100
103	M114	X	2.185	2.185	0	%100
104	M114	Z	-3.785	-3.785	0	%100
105	MP3C	X	1.906	1.906	0	%100
106	MP3C	Z	-3.302	-3.302	0	%100
107	MP2C	X	1.906	1.906	0	%100
108	MP2C	Z	-3.302	-3.302	0	%100
109	MP1C	X	1.906	1.906	0	%100
110	MP1C	Z	-3.302	-3.302	0	%100
111	MP4C	X	1.906	1.906	0	%100
112	MP4C	Z	-3.302	-3.302	0	%100
113	MP3B	X	1.906	1.906	0	%100
114	MP3B	Z	-3.302	-3.302	0	%100
115	MP2B	X	1.906	1.906	0	%100
116	MP2B	Z	-3.302	-3.302	0	%100
117	MP1B	X	1.906	1.906	0	%100
118	MP1B	Z	-3.302	-3.302	0	%100
119	MP4B	X	1.906	1.906	0	%100
120	MP4B	Z	-3.302	-3.302	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.989	.989	0	%100
2	M1	Z	-.571	-.571	0	%100
3	M41	X	1.151	1.151	0	%100
4	M41	Z	-.664	-.664	0	%100
5	M43	X	1.151	1.151	0	%100
6	M43	Z	-.664	-.664	0	%100
7	M44	X	4.643	4.643	0	%100
8	M44	Z	-2.681	-2.681	0	%100
9	M45A	X	0	0	0	%100
10	M45A	Z	0	0	0	%100
11	M46A	X	3.1	3.1	0	%100
12	M46A	Z	-1.79	-1.79	0	%100
13	M47A	X	3.1	3.1	0	%100
14	M47A	Z	-1.79	-1.79	0	%100
15	M49	X	1.151	1.151	0	%100
16	M49	Z	-.664	-.664	0	%100
17	M50	X	0	0	0	%100
18	M50	Z	0	0	0	%100
19	M52	X	1.151	1.151	0	%100
20	M52	Z	-.664	-.664	0	%100
21	M53	X	0	0	0	%100
22	M53	Z	0	0	0	%100
23	M56	X	.874	.874	0	%100
24	M56	Z	-.504	-.504	0	%100
25	M67	X	.874	.874	0	%100
26	M67	Z	-.504	-.504	0	%100
27	M88	X	.825	.825	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
28	M88	Z	-.477	-.477	0	%100
29	M34	X	3.954	3.954	0	%100
30	M34	Z	-2.283	-2.283	0	%100
31	M44A	X	1.151	1.151	0	%100
32	M44A	Z	-.664	-.664	0	%100
33	M46	X	4.603	4.603	0	%100
34	M46	Z	-2.658	-2.658	0	%100
35	M47	X	1.161	1.161	0	%100
36	M47	Z	-.67	-.67	0	%100
37	M48A	X	2.804	2.804	0	%100
38	M48A	Z	-1.619	-1.619	0	%100
39	M49A	X	.775	.775	0	%100
40	M49A	Z	-.447	-.447	0	%100
41	M50A	X	.775	.775	0	%100
42	M50A	Z	-.447	-.447	0	%100
43	M52A	X	4.603	4.603	0	%100
44	M52A	Z	-2.658	-2.658	0	%100
45	M53A	X	3.453	3.453	0	%100
46	M53A	Z	-1.993	-1.993	0	%100
47	M55	X	1.151	1.151	0	%100
48	M55	Z	-.664	-.664	0	%100
49	M56B	X	3.453	3.453	0	%100
50	M56B	Z	-1.993	-1.993	0	%100
51	M57	X	3.495	3.495	0	%100
52	M57	Z	-2.018	-2.018	0	%100
53	M60	X	.874	.874	0	%100
54	M60	Z	-.504	-.504	0	%100
55	M62	X	3.302	3.302	0	%100
56	M62	Z	-1.906	-1.906	0	%100
57	M67A	X	.989	.989	0	%100
58	M67A	Z	-.571	-.571	0	%100
59	M77	X	4.603	4.603	0	%100
60	M77	Z	-2.658	-2.658	0	%100
61	M79	X	1.151	1.151	0	%100
62	M79	Z	-.664	-.664	0	%100
63	M80	X	1.161	1.161	0	%100
64	M80	Z	-.67	-.67	0	%100
65	M81	X	2.804	2.804	0	%100
66	M81	Z	-1.619	-1.619	0	%100
67	M82	X	.775	.775	0	%100
68	M82	Z	-.447	-.447	0	%100
69	M83	X	.775	.775	0	%100
70	M83	Z	-.447	-.447	0	%100
71	M85	X	1.151	1.151	0	%100
72	M85	Z	-.664	-.664	0	%100
73	M86	X	3.453	3.453	0	%100
74	M86	Z	-1.993	-1.993	0	%100
75	M88A	X	4.603	4.603	0	%100
76	M88A	Z	-2.658	-2.658	0	%100
77	M89A	X	3.453	3.453	0	%100
78	M89A	Z	-1.993	-1.993	0	%100
79	M90A	X	.874	.874	0	%100
80	M90A	Z	-.504	-.504	0	%100
81	M93	X	3.495	3.495	0	%100
82	M93	Z	-2.018	-2.018	0	%100
83	M95	X	.825	.825	0	%100
84	M95	Z	-.477	-.477	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
85	M100	X	2.78	2.78	0	%100
86	M100	Z	-1.605	-1.605	0	%100
87	M101	X	.695	.695	0	%100
88	M101	Z	-.401	-.401	0	%100
89	M102	X	.695	.695	0	%100
90	M102	Z	-.401	-.401	0	%100
91	MP4A	X	3.302	3.302	0	%100
92	MP4A	Z	-1.906	-1.906	0	%100
93	MP3A	X	3.302	3.302	0	%100
94	MP3A	Z	-1.906	-1.906	0	%100
95	MP2A	X	3.302	3.302	0	%100
96	MP2A	Z	-1.906	-1.906	0	%100
97	MP1A	X	3.302	3.302	0	%100
98	MP1A	Z	-1.906	-1.906	0	%100
99	M106	X	3.234	3.234	0	%100
100	M106	Z	-1.867	-1.867	0	%100
101	M111	X	1.581	1.581	0	%100
102	M111	Z	-.913	-.913	0	%100
103	M114	X	3.234	3.234	0	%100
104	M114	Z	-1.867	-1.867	0	%100
105	MP3C	X	3.302	3.302	0	%100
106	MP3C	Z	-1.906	-1.906	0	%100
107	MP2C	X	3.302	3.302	0	%100
108	MP2C	Z	-1.906	-1.906	0	%100
109	MP1C	X	3.302	3.302	0	%100
110	MP1C	Z	-1.906	-1.906	0	%100
111	MP4C	X	3.302	3.302	0	%100
112	MP4C	Z	-1.906	-1.906	0	%100
113	MP3B	X	3.302	3.302	0	%100
114	MP3B	Z	-1.906	-1.906	0	%100
115	MP2B	X	3.302	3.302	0	%100
116	MP2B	Z	-1.906	-1.906	0	%100
117	MP1B	X	3.302	3.302	0	%100
118	MP1B	Z	-1.906	-1.906	0	%100
119	MP4B	X	3.302	3.302	0	%100
120	MP4B	Z	-1.906	-1.906	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M41	X	3.987	3.987	0	%100
4	M41	Z	0	0	0	%100
5	M43	X	0	0	0	%100
6	M43	Z	0	0	0	%100
7	M44	X	4.021	4.021	0	%100
8	M44	Z	0	0	0	%100
9	M45A	X	1.079	1.079	0	%100
10	M45A	Z	0	0	0	%100
11	M46A	X	2.684	2.684	0	%100
12	M46A	Z	0	0	0	%100
13	M47A	X	2.684	2.684	0	%100
14	M47A	Z	0	0	0	%100
15	M49	X	0	0	0	%100
16	M49	Z	0	0	0	%100
17	M50	X	1.329	1.329	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
18	M50	Z	0	0	0	%100
19	M52	X	3.987	3.987	0	%100
20	M52	Z	0	0	0	%100
21	M53	X	1.329	1.329	0	%100
22	M53	Z	0	0	0	%100
23	M56	X	0	0	0	%100
24	M56	Z	0	0	0	%100
25	M67	X	3.027	3.027	0	%100
26	M67	Z	0	0	0	%100
27	M88	X	0	0	0	%100
28	M88	Z	0	0	0	%100
29	M34	X	3.425	3.425	0	%100
30	M34	Z	0	0	0	%100
31	M44A	X	0	0	0	%100
32	M44A	Z	0	0	0	%100
33	M46	X	3.987	3.987	0	%100
34	M46	Z	0	0	0	%100
35	M47	X	4.021	4.021	0	%100
36	M47	Z	0	0	0	%100
37	M48A	X	1.079	1.079	0	%100
38	M48A	Z	0	0	0	%100
39	M49A	X	2.684	2.684	0	%100
40	M49A	Z	0	0	0	%100
41	M50A	X	2.684	2.684	0	%100
42	M50A	Z	0	0	0	%100
43	M52A	X	3.987	3.987	0	%100
44	M52A	Z	0	0	0	%100
45	M53A	X	1.329	1.329	0	%100
46	M53A	Z	0	0	0	%100
47	M55	X	0	0	0	%100
48	M55	Z	0	0	0	%100
49	M56B	X	1.329	1.329	0	%100
50	M56B	Z	0	0	0	%100
51	M57	X	3.027	3.027	0	%100
52	M57	Z	0	0	0	%100
53	M60	X	0	0	0	%100
54	M60	Z	0	0	0	%100
55	M62	X	2.859	2.859	0	%100
56	M62	Z	0	0	0	%100
57	M67A	X	3.425	3.425	0	%100
58	M67A	Z	0	0	0	%100
59	M77	X	3.987	3.987	0	%100
60	M77	Z	0	0	0	%100
61	M79	X	3.987	3.987	0	%100
62	M79	Z	0	0	0	%100
63	M80	X	0	0	0	%100
64	M80	Z	0	0	0	%100
65	M81	X	4.317	4.317	0	%100
66	M81	Z	0	0	0	%100
67	M82	X	0	0	0	%100
68	M82	Z	0	0	0	%100
69	M83	X	0	0	0	%100
70	M83	Z	0	0	0	%100
71	M85	X	3.987	3.987	0	%100
72	M85	Z	0	0	0	%100
73	M86	X	5.316	5.316	0	%100
74	M86	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
75	M88A	X	3.987	3.987	0	%100
76	M88A	Z	0	0	0	%100
77	M89A	X	5.316	5.316	0	%100
78	M89A	Z	0	0	0	%100
79	M90A	X	3.027	3.027	0	%100
80	M90A	Z	0	0	0	%100
81	M93	X	3.027	3.027	0	%100
82	M93	Z	0	0	0	%100
83	M95	X	2.859	2.859	0	%100
84	M95	Z	0	0	0	%100
85	M100	X	2.408	2.408	0	%100
86	M100	Z	0	0	0	%100
87	M101	X	2.408	2.408	0	%100
88	M101	Z	0	0	0	%100
89	M102	X	0	0	0	%100
90	M102	Z	0	0	0	%100
91	MP4A	X	3.813	3.813	0	%100
92	MP4A	Z	0	0	0	%100
93	MP3A	X	3.813	3.813	0	%100
94	MP3A	Z	0	0	0	%100
95	MP2A	X	3.813	3.813	0	%100
96	MP2A	Z	0	0	0	%100
97	MP1A	X	3.813	3.813	0	%100
98	MP1A	Z	0	0	0	%100
99	M106	X	4.37	4.37	0	%100
100	M106	Z	0	0	0	%100
101	M111	X	2.461	2.461	0	%100
102	M111	Z	0	0	0	%100
103	M114	X	2.461	2.461	0	%100
104	M114	Z	0	0	0	%100
105	MP3C	X	3.813	3.813	0	%100
106	MP3C	Z	0	0	0	%100
107	MP2C	X	3.813	3.813	0	%100
108	MP2C	Z	0	0	0	%100
109	MP1C	X	3.813	3.813	0	%100
110	MP1C	Z	0	0	0	%100
111	MP4C	X	3.813	3.813	0	%100
112	MP4C	Z	0	0	0	%100
113	MP3B	X	3.813	3.813	0	%100
114	MP3B	Z	0	0	0	%100
115	MP2B	X	3.813	3.813	0	%100
116	MP2B	Z	0	0	0	%100
117	MP1B	X	3.813	3.813	0	%100
118	MP1B	Z	0	0	0	%100
119	MP4B	X	3.813	3.813	0	%100
120	MP4B	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.989	.989	0	%100
2	M1	Z	.571	.571	0	%100
3	M41	X	4.603	4.603	0	%100
4	M41	Z	2.658	2.658	0	%100
5	M43	X	1.151	1.151	0	%100
6	M43	Z	.664	.664	0	%100
7	M44	X	1.161	1.161	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
8	M44	Z	.67	.67	0	%100
9	M45A	X	2.804	2.804	0	%100
10	M45A	Z	1.619	1.619	0	%100
11	M46A	X	.775	.775	0	%100
12	M46A	Z	.447	.447	0	%100
13	M47A	X	.775	.775	0	%100
14	M47A	Z	.447	.447	0	%100
15	M49	X	1.151	1.151	0	%100
16	M49	Z	.664	.664	0	%100
17	M50	X	3.453	3.453	0	%100
18	M50	Z	1.993	1.993	0	%100
19	M52	X	4.603	4.603	0	%100
20	M52	Z	2.658	2.658	0	%100
21	M53	X	3.453	3.453	0	%100
22	M53	Z	1.993	1.993	0	%100
23	M56	X	.874	.874	0	%100
24	M56	Z	.504	.504	0	%100
25	M67	X	3.495	3.495	0	%100
26	M67	Z	2.018	2.018	0	%100
27	M88	X	.825	.825	0	%100
28	M88	Z	.477	.477	0	%100
29	M34	X	.989	.989	0	%100
30	M34	Z	.571	.571	0	%100
31	M44A	X	1.151	1.151	0	%100
32	M44A	Z	.664	.664	0	%100
33	M46	X	1.151	1.151	0	%100
34	M46	Z	.664	.664	0	%100
35	M47	X	4.643	4.643	0	%100
36	M47	Z	2.681	2.681	0	%100
37	M48A	X	0	0	0	%100
38	M48A	Z	0	0	0	%100
39	M49A	X	3.1	3.1	0	%100
40	M49A	Z	1.79	1.79	0	%100
41	M50A	X	3.1	3.1	0	%100
42	M50A	Z	1.79	1.79	0	%100
43	M52A	X	1.151	1.151	0	%100
44	M52A	Z	.664	.664	0	%100
45	M53A	X	0	0	0	%100
46	M53A	Z	0	0	0	%100
47	M55	X	1.151	1.151	0	%100
48	M55	Z	.664	.664	0	%100
49	M56B	X	0	0	0	%100
50	M56B	Z	0	0	0	%100
51	M57	X	.874	.874	0	%100
52	M57	Z	.504	.504	0	%100
53	M60	X	.874	.874	0	%100
54	M60	Z	.504	.504	0	%100
55	M62	X	.825	.825	0	%100
56	M62	Z	.477	.477	0	%100
57	M67A	X	3.954	3.954	0	%100
58	M67A	Z	2.283	2.283	0	%100
59	M77	X	1.151	1.151	0	%100
60	M77	Z	.664	.664	0	%100
61	M79	X	4.603	4.603	0	%100
62	M79	Z	2.658	2.658	0	%100
63	M80	X	1.161	1.161	0	%100
64	M80	Z	.67	.67	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
65	M81	X	2.804	2.804	0	%100
66	M81	Z	1.619	1.619	0	%100
67	M82	X	.775	.775	0	%100
68	M82	Z	.447	.447	0	%100
69	M83	X	.775	.775	0	%100
70	M83	Z	.447	.447	0	%100
71	M85	X	4.603	4.603	0	%100
72	M85	Z	2.658	2.658	0	%100
73	M86	X	3.453	3.453	0	%100
74	M86	Z	1.993	1.993	0	%100
75	M88A	X	1.151	1.151	0	%100
76	M88A	Z	.664	.664	0	%100
77	M89A	X	3.453	3.453	0	%100
78	M89A	Z	1.993	1.993	0	%100
79	M90A	X	3.495	3.495	0	%100
80	M90A	Z	2.018	2.018	0	%100
81	M93	X	.874	.874	0	%100
82	M93	Z	.504	.504	0	%100
83	M95	X	3.302	3.302	0	%100
84	M95	Z	1.906	1.906	0	%100
85	M100	X	.695	.695	0	%100
86	M100	Z	.401	.401	0	%100
87	M101	X	2.78	2.78	0	%100
88	M101	Z	1.605	1.605	0	%100
89	M102	X	.695	.695	0	%100
90	M102	Z	.401	.401	0	%100
91	MP4A	X	3.302	3.302	0	%100
92	MP4A	Z	1.906	1.906	0	%100
93	MP3A	X	3.302	3.302	0	%100
94	MP3A	Z	1.906	1.906	0	%100
95	MP2A	X	3.302	3.302	0	%100
96	MP2A	Z	1.906	1.906	0	%100
97	MP1A	X	3.302	3.302	0	%100
98	MP1A	Z	1.906	1.906	0	%100
99	M106	X	3.234	3.234	0	%100
100	M106	Z	1.867	1.867	0	%100
101	M111	X	3.234	3.234	0	%100
102	M111	Z	1.867	1.867	0	%100
103	M114	X	1.581	1.581	0	%100
104	M114	Z	.913	.913	0	%100
105	MP3C	X	3.302	3.302	0	%100
106	MP3C	Z	1.906	1.906	0	%100
107	MP2C	X	3.302	3.302	0	%100
108	MP2C	Z	1.906	1.906	0	%100
109	MP1C	X	3.302	3.302	0	%100
110	MP1C	Z	1.906	1.906	0	%100
111	MP4C	X	3.302	3.302	0	%100
112	MP4C	Z	1.906	1.906	0	%100
113	MP3B	X	3.302	3.302	0	%100
114	MP3B	Z	1.906	1.906	0	%100
115	MP2B	X	3.302	3.302	0	%100
116	MP2B	Z	1.906	1.906	0	%100
117	MP1B	X	3.302	3.302	0	%100
118	MP1B	Z	1.906	1.906	0	%100
119	MP4B	X	3.302	3.302	0	%100
120	MP4B	Z	1.906	1.906	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	1.712	1.712	0	%100
2	M1	Z	2.966	2.966	0	%100
3	M41	X	1.993	1.993	0	%100
4	M41	Z	3.453	3.453	0	%100
5	M43	X	1.993	1.993	0	%100
6	M43	Z	3.453	3.453	0	%100
7	M44	X	0	0	0	%100
8	M44	Z	0	0	0	%100
9	M45A	X	2.159	2.159	0	%100
10	M45A	Z	3.739	3.739	0	%100
11	M46A	X	0	0	0	%100
12	M46A	Z	0	0	0	%100
13	M47A	X	0	0	0	%100
14	M47A	Z	0	0	0	%100
15	M49	X	1.993	1.993	0	%100
16	M49	Z	3.453	3.453	0	%100
17	M50	X	2.658	2.658	0	%100
18	M50	Z	4.603	4.603	0	%100
19	M52	X	1.993	1.993	0	%100
20	M52	Z	3.453	3.453	0	%100
21	M53	X	2.658	2.658	0	%100
22	M53	Z	4.603	4.603	0	%100
23	M56	X	1.513	1.513	0	%100
24	M56	Z	2.621	2.621	0	%100
25	M67	X	1.513	1.513	0	%100
26	M67	Z	2.621	2.621	0	%100
27	M88	X	1.43	1.43	0	%100
28	M88	Z	2.476	2.476	0	%100
29	M34	X	0	0	0	%100
30	M34	Z	0	0	0	%100
31	M44A	X	1.993	1.993	0	%100
32	M44A	Z	3.453	3.453	0	%100
33	M46	X	0	0	0	%100
34	M46	Z	0	0	0	%100
35	M47	X	2.011	2.011	0	%100
36	M47	Z	3.482	3.482	0	%100
37	M48A	X	.54	.54	0	%100
38	M48A	Z	.935	.935	0	%100
39	M49A	X	1.342	1.342	0	%100
40	M49A	Z	2.325	2.325	0	%100
41	M50A	X	1.342	1.342	0	%100
42	M50A	Z	2.325	2.325	0	%100
43	M52A	X	0	0	0	%100
44	M52A	Z	0	0	0	%100
45	M53A	X	.664	.664	0	%100
46	M53A	Z	1.151	1.151	0	%100
47	M55	X	1.993	1.993	0	%100
48	M55	Z	3.453	3.453	0	%100
49	M56B	X	.664	.664	0	%100
50	M56B	Z	1.151	1.151	0	%100
51	M57	X	0	0	0	%100
52	M57	Z	0	0	0	%100
53	M60	X	1.513	1.513	0	%100
54	M60	Z	2.621	2.621	0	%100
55	M62	X	0	0	0	%100
56	M62	Z	0	0	0	%100
57	M67A	X	1.712	1.712	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	M67A	Z	2.966	2.966	0	%100
59	M77	X	0	0	0	%100
60	M77	Z	0	0	0	%100
61	M79	X	1.993	1.993	0	%100
62	M79	Z	3.453	3.453	0	%100
63	M80	X	2.011	2.011	0	%100
64	M80	Z	3.482	3.482	0	%100
65	M81	X	.54	.54	0	%100
66	M81	Z	.935	.935	0	%100
67	M82	X	1.342	1.342	0	%100
68	M82	Z	2.325	2.325	0	%100
69	M83	X	1.342	1.342	0	%100
70	M83	Z	2.325	2.325	0	%100
71	M85	X	1.993	1.993	0	%100
72	M85	Z	3.453	3.453	0	%100
73	M86	X	.664	.664	0	%100
74	M86	Z	1.151	1.151	0	%100
75	M88A	X	0	0	0	%100
76	M88A	Z	0	0	0	%100
77	M89A	X	.664	.664	0	%100
78	M89A	Z	1.151	1.151	0	%100
79	M90A	X	1.513	1.513	0	%100
80	M90A	Z	2.621	2.621	0	%100
81	M93	X	0	0	0	%100
82	M93	Z	0	0	0	%100
83	M95	X	1.43	1.43	0	%100
84	M95	Z	2.476	2.476	0	%100
85	M100	X	0	0	0	%100
86	M100	Z	0	0	0	%100
87	M101	X	1.204	1.204	0	%100
88	M101	Z	2.085	2.085	0	%100
89	M102	X	1.204	1.204	0	%100
90	M102	Z	2.085	2.085	0	%100
91	MP4A	X	1.906	1.906	0	%100
92	MP4A	Z	3.302	3.302	0	%100
93	MP3A	X	1.906	1.906	0	%100
94	MP3A	Z	3.302	3.302	0	%100
95	MP2A	X	1.906	1.906	0	%100
96	MP2A	Z	3.302	3.302	0	%100
97	MP1A	X	1.906	1.906	0	%100
98	MP1A	Z	3.302	3.302	0	%100
99	M106	X	1.231	1.231	0	%100
100	M106	Z	2.132	2.132	0	%100
101	M111	X	2.185	2.185	0	%100
102	M111	Z	3.785	3.785	0	%100
103	M114	X	1.231	1.231	0	%100
104	M114	Z	2.132	2.132	0	%100
105	MP3C	X	1.906	1.906	0	%100
106	MP3C	Z	3.302	3.302	0	%100
107	MP2C	X	1.906	1.906	0	%100
108	MP2C	Z	3.302	3.302	0	%100
109	MP1C	X	1.906	1.906	0	%100
110	MP1C	Z	3.302	3.302	0	%100
111	MP4C	X	1.906	1.906	0	%100
112	MP4C	Z	3.302	3.302	0	%100
113	MP3B	X	1.906	1.906	0	%100
114	MP3B	Z	3.302	3.302	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
115	MP2B	X	1.906	1.906	0	%100
116	MP2B	Z	3.302	3.302	0	%100
117	MP1B	X	1.906	1.906	0	%100
118	MP1B	Z	3.302	3.302	0	%100
119	MP4B	X	1.906	1.906	0	%100
120	MP4B	Z	3.302	3.302	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	4.566	4.566	0	%100
3	M41	X	0	0	0	%100
4	M41	Z	1.329	1.329	0	%100
5	M43	X	0	0	0	%100
6	M43	Z	5.316	5.316	0	%100
7	M44	X	0	0	0	%100
8	M44	Z	1.34	1.34	0	%100
9	M45A	X	0	0	0	%100
10	M45A	Z	3.238	3.238	0	%100
11	M46A	X	0	0	0	%100
12	M46A	Z	.895	.895	0	%100
13	M47A	X	0	0	0	%100
14	M47A	Z	.895	.895	0	%100
15	M49	X	0	0	0	%100
16	M49	Z	5.316	5.316	0	%100
17	M50	X	0	0	0	%100
18	M50	Z	3.987	3.987	0	%100
19	M52	X	0	0	0	%100
20	M52	Z	1.329	1.329	0	%100
21	M53	X	0	0	0	%100
22	M53	Z	3.987	3.987	0	%100
23	M56	X	0	0	0	%100
24	M56	Z	4.036	4.036	0	%100
25	M67	X	0	0	0	%100
26	M67	Z	1.009	1.009	0	%100
27	M88	X	0	0	0	%100
28	M88	Z	3.813	3.813	0	%100
29	M34	X	0	0	0	%100
30	M34	Z	1.142	1.142	0	%100
31	M44A	X	0	0	0	%100
32	M44A	Z	5.316	5.316	0	%100
33	M46	X	0	0	0	%100
34	M46	Z	1.329	1.329	0	%100
35	M47	X	0	0	0	%100
36	M47	Z	1.34	1.34	0	%100
37	M48A	X	0	0	0	%100
38	M48A	Z	3.238	3.238	0	%100
39	M49A	X	0	0	0	%100
40	M49A	Z	.895	.895	0	%100
41	M50A	X	0	0	0	%100
42	M50A	Z	.895	.895	0	%100
43	M52A	X	0	0	0	%100
44	M52A	Z	1.329	1.329	0	%100
45	M53A	X	0	0	0	%100
46	M53A	Z	3.987	3.987	0	%100
47	M55	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
48	M55	Z	5.316	5.316	0	%100
49	M56B	X	0	0	0	%100
50	M56B	Z	3.987	3.987	0	%100
51	M57	X	0	0	0	%100
52	M57	Z	1.009	1.009	0	%100
53	M60	X	0	0	0	%100
54	M60	Z	4.036	4.036	0	%100
55	M62	X	0	0	0	%100
56	M62	Z	.953	.953	0	%100
57	M67A	X	0	0	0	%100
58	M67A	Z	1.142	1.142	0	%100
59	M77	X	0	0	0	%100
60	M77	Z	1.329	1.329	0	%100
61	M79	X	0	0	0	%100
62	M79	Z	1.329	1.329	0	%100
63	M80	X	0	0	0	%100
64	M80	Z	5.361	5.361	0	%100
65	M81	X	0	0	0	%100
66	M81	Z	0	0	0	%100
67	M82	X	0	0	0	%100
68	M82	Z	3.579	3.579	0	%100
69	M83	X	0	0	0	%100
70	M83	Z	3.579	3.579	0	%100
71	M85	X	0	0	0	%100
72	M85	Z	1.329	1.329	0	%100
73	M86	X	0	0	0	%100
74	M86	Z	0	0	0	%100
75	M88A	X	0	0	0	%100
76	M88A	Z	1.329	1.329	0	%100
77	M89A	X	0	0	0	%100
78	M89A	Z	0	0	0	%100
79	M90A	X	0	0	0	%100
80	M90A	Z	1.009	1.009	0	%100
81	M93	X	0	0	0	%100
82	M93	Z	1.009	1.009	0	%100
83	M95	X	0	0	0	%100
84	M95	Z	.953	.953	0	%100
85	M100	X	0	0	0	%100
86	M100	Z	.803	.803	0	%100
87	M101	X	0	0	0	%100
88	M101	Z	.803	.803	0	%100
89	M102	X	0	0	0	%100
90	M102	Z	3.21	3.21	0	%100
91	MP4A	X	0	0	0	%100
92	MP4A	Z	3.813	3.813	0	%100
93	MP3A	X	0	0	0	%100
94	MP3A	Z	3.813	3.813	0	%100
95	MP2A	X	0	0	0	%100
96	MP2A	Z	3.813	3.813	0	%100
97	MP1A	X	0	0	0	%100
98	MP1A	Z	3.813	3.813	0	%100
99	M106	X	0	0	0	%100
100	M106	Z	1.825	1.825	0	%100
101	M111	X	0	0	0	%100
102	M111	Z	3.734	3.734	0	%100
103	M114	X	0	0	0	%100
104	M114	Z	3.734	3.734	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
105	MP3C	X	0	0	0	%100
106	MP3C	Z	3.813	3.813	0	%100
107	MP2C	X	0	0	0	%100
108	MP2C	Z	3.813	3.813	0	%100
109	MP1C	X	0	0	0	%100
110	MP1C	Z	3.813	3.813	0	%100
111	MP4C	X	0	0	0	%100
112	MP4C	Z	3.813	3.813	0	%100
113	MP3B	X	0	0	0	%100
114	MP3B	Z	3.813	3.813	0	%100
115	MP2B	X	0	0	0	%100
116	MP2B	Z	3.813	3.813	0	%100
117	MP1B	X	0	0	0	%100
118	MP1B	Z	3.813	3.813	0	%100
119	MP4B	X	0	0	0	%100
120	MP4B	Z	3.813	3.813	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-1.712	-1.712	0	%100
2	M1	Z	2.966	2.966	0	%100
3	M41	X	0	0	0	%100
4	M41	Z	0	0	0	%100
5	M43	X	-1.993	-1.993	0	%100
6	M43	Z	3.453	3.453	0	%100
7	M44	X	-2.011	-2.011	0	%100
8	M44	Z	3.482	3.482	0	%100
9	M45A	X	-.54	-.54	0	%100
10	M45A	Z	.935	.935	0	%100
11	M46A	X	-1.342	-1.342	0	%100
12	M46A	Z	2.325	2.325	0	%100
13	M47A	X	-1.342	-1.342	0	%100
14	M47A	Z	2.325	2.325	0	%100
15	M49	X	-1.993	-1.993	0	%100
16	M49	Z	3.453	3.453	0	%100
17	M50	X	-.664	-.664	0	%100
18	M50	Z	1.151	1.151	0	%100
19	M52	X	0	0	0	%100
20	M52	Z	0	0	0	%100
21	M53	X	-.664	-.664	0	%100
22	M53	Z	1.151	1.151	0	%100
23	M56	X	-1.513	-1.513	0	%100
24	M56	Z	2.621	2.621	0	%100
25	M67	X	0	0	0	%100
26	M67	Z	0	0	0	%100
27	M88	X	-1.43	-1.43	0	%100
28	M88	Z	2.476	2.476	0	%100
29	M34	X	-1.712	-1.712	0	%100
30	M34	Z	2.966	2.966	0	%100
31	M44A	X	-1.993	-1.993	0	%100
32	M44A	Z	3.453	3.453	0	%100
33	M46	X	-1.993	-1.993	0	%100
34	M46	Z	3.453	3.453	0	%100
35	M47	X	0	0	0	%100
36	M47	Z	0	0	0	%100
37	M48A	X	-2.159	-2.159	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
38	M48A	Z	3.739	3.739	0	%100
39	M49A	X	0	0	0	%100
40	M49A	Z	0	0	0	%100
41	M50A	X	0	0	0	%100
42	M50A	Z	0	0	0	%100
43	M52A	X	-1.993	-1.993	0	%100
44	M52A	Z	3.453	3.453	0	%100
45	M53A	X	-2.658	-2.658	0	%100
46	M53A	Z	4.603	4.603	0	%100
47	M55	X	-1.993	-1.993	0	%100
48	M55	Z	3.453	3.453	0	%100
49	M56B	X	-2.658	-2.658	0	%100
50	M56B	Z	4.603	4.603	0	%100
51	M57	X	-1.513	-1.513	0	%100
52	M57	Z	2.621	2.621	0	%100
53	M60	X	-1.513	-1.513	0	%100
54	M60	Z	2.621	2.621	0	%100
55	M62	X	-1.43	-1.43	0	%100
56	M62	Z	2.476	2.476	0	%100
57	M67A	X	0	0	0	%100
58	M67A	Z	0	0	0	%100
59	M77	X	-1.993	-1.993	0	%100
60	M77	Z	3.453	3.453	0	%100
61	M79	X	0	0	0	%100
62	M79	Z	0	0	0	%100
63	M80	X	-2.011	-2.011	0	%100
64	M80	Z	3.482	3.482	0	%100
65	M81	X	-.54	-.54	0	%100
66	M81	Z	.935	.935	0	%100
67	M82	X	-1.342	-1.342	0	%100
68	M82	Z	2.325	2.325	0	%100
69	M83	X	-1.342	-1.342	0	%100
70	M83	Z	2.325	2.325	0	%100
71	M85	X	0	0	0	%100
72	M85	Z	0	0	0	%100
73	M86	X	-.664	-.664	0	%100
74	M86	Z	1.151	1.151	0	%100
75	M88A	X	-1.993	-1.993	0	%100
76	M88A	Z	3.453	3.453	0	%100
77	M89A	X	-.664	-.664	0	%100
78	M89A	Z	1.151	1.151	0	%100
79	M90A	X	0	0	0	%100
80	M90A	Z	0	0	0	%100
81	M93	X	-1.513	-1.513	0	%100
82	M93	Z	2.621	2.621	0	%100
83	M95	X	0	0	0	%100
84	M95	Z	0	0	0	%100
85	M100	X	-1.204	-1.204	0	%100
86	M100	Z	2.085	2.085	0	%100
87	M101	X	0	0	0	%100
88	M101	Z	0	0	0	%100
89	M102	X	-1.204	-1.204	0	%100
90	M102	Z	2.085	2.085	0	%100
91	MP4A	X	-1.906	-1.906	0	%100
92	MP4A	Z	3.302	3.302	0	%100
93	MP3A	X	-1.906	-1.906	0	%100
94	MP3A	Z	3.302	3.302	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
95	MP2A	X	-1.906	-1.906	0	%100
96	MP2A	Z	3.302	3.302	0	%100
97	MP1A	X	-1.906	-1.906	0	%100
98	MP1A	Z	3.302	3.302	0	%100
99	M106	X	-1.231	-1.231	0	%100
100	M106	Z	2.132	2.132	0	%100
101	M111	X	-1.231	-1.231	0	%100
102	M111	Z	2.132	2.132	0	%100
103	M114	X	-2.185	-2.185	0	%100
104	M114	Z	3.785	3.785	0	%100
105	MP3C	X	-1.906	-1.906	0	%100
106	MP3C	Z	3.302	3.302	0	%100
107	MP2C	X	-1.906	-1.906	0	%100
108	MP2C	Z	3.302	3.302	0	%100
109	MP1C	X	-1.906	-1.906	0	%100
110	MP1C	Z	3.302	3.302	0	%100
111	MP4C	X	-1.906	-1.906	0	%100
112	MP4C	Z	3.302	3.302	0	%100
113	MP3B	X	-1.906	-1.906	0	%100
114	MP3B	Z	3.302	3.302	0	%100
115	MP2B	X	-1.906	-1.906	0	%100
116	MP2B	Z	3.302	3.302	0	%100
117	MP1B	X	-1.906	-1.906	0	%100
118	MP1B	Z	3.302	3.302	0	%100
119	MP4B	X	-1.906	-1.906	0	%100
120	MP4B	Z	3.302	3.302	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-.989	-.989	0	%100
2	M1	Z	.571	.571	0	%100
3	M41	X	-1.151	-1.151	0	%100
4	M41	Z	.664	.664	0	%100
5	M43	X	-1.151	-1.151	0	%100
6	M43	Z	.664	.664	0	%100
7	M44	X	-4.643	-4.643	0	%100
8	M44	Z	2.681	2.681	0	%100
9	M45A	X	0	0	0	%100
10	M45A	Z	0	0	0	%100
11	M46A	X	-3.1	-3.1	0	%100
12	M46A	Z	1.79	1.79	0	%100
13	M47A	X	-3.1	-3.1	0	%100
14	M47A	Z	1.79	1.79	0	%100
15	M49	X	-1.151	-1.151	0	%100
16	M49	Z	.664	.664	0	%100
17	M50	X	0	0	0	%100
18	M50	Z	0	0	0	%100
19	M52	X	-1.151	-1.151	0	%100
20	M52	Z	.664	.664	0	%100
21	M53	X	0	0	0	%100
22	M53	Z	0	0	0	%100
23	M56	X	-.874	-.874	0	%100
24	M56	Z	.504	.504	0	%100
25	M67	X	-.874	-.874	0	%100
26	M67	Z	.504	.504	0	%100
27	M88	X	-.825	-.825	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
28	M88	Z	.477	.477	0	%100
29	M34	X	-3.954	-3.954	0	%100
30	M34	Z	2.283	2.283	0	%100
31	M44A	X	-1.151	-1.151	0	%100
32	M44A	Z	.664	.664	0	%100
33	M46	X	-4.603	-4.603	0	%100
34	M46	Z	2.658	2.658	0	%100
35	M47	X	-1.161	-1.161	0	%100
36	M47	Z	.67	.67	0	%100
37	M48A	X	-2.804	-2.804	0	%100
38	M48A	Z	1.619	1.619	0	%100
39	M49A	X	-.775	-.775	0	%100
40	M49A	Z	.447	.447	0	%100
41	M50A	X	-.775	-.775	0	%100
42	M50A	Z	.447	.447	0	%100
43	M52A	X	-4.603	-4.603	0	%100
44	M52A	Z	2.658	2.658	0	%100
45	M53A	X	-3.453	-3.453	0	%100
46	M53A	Z	1.993	1.993	0	%100
47	M55	X	-1.151	-1.151	0	%100
48	M55	Z	.664	.664	0	%100
49	M56B	X	-3.453	-3.453	0	%100
50	M56B	Z	1.993	1.993	0	%100
51	M57	X	-3.495	-3.495	0	%100
52	M57	Z	2.018	2.018	0	%100
53	M60	X	-.874	-.874	0	%100
54	M60	Z	.504	.504	0	%100
55	M62	X	-3.302	-3.302	0	%100
56	M62	Z	1.906	1.906	0	%100
57	M67A	X	-.989	-.989	0	%100
58	M67A	Z	.571	.571	0	%100
59	M77	X	-4.603	-4.603	0	%100
60	M77	Z	2.658	2.658	0	%100
61	M79	X	-1.151	-1.151	0	%100
62	M79	Z	.664	.664	0	%100
63	M80	X	-1.161	-1.161	0	%100
64	M80	Z	.67	.67	0	%100
65	M81	X	-2.804	-2.804	0	%100
66	M81	Z	1.619	1.619	0	%100
67	M82	X	-.775	-.775	0	%100
68	M82	Z	.447	.447	0	%100
69	M83	X	-.775	-.775	0	%100
70	M83	Z	.447	.447	0	%100
71	M85	X	-1.151	-1.151	0	%100
72	M85	Z	.664	.664	0	%100
73	M86	X	-3.453	-3.453	0	%100
74	M86	Z	1.993	1.993	0	%100
75	M88A	X	-4.603	-4.603	0	%100
76	M88A	Z	2.658	2.658	0	%100
77	M89A	X	-3.453	-3.453	0	%100
78	M89A	Z	1.993	1.993	0	%100
79	M90A	X	-.874	-.874	0	%100
80	M90A	Z	.504	.504	0	%100
81	M93	X	-3.495	-3.495	0	%100
82	M93	Z	2.018	2.018	0	%100
83	M95	X	-.825	-.825	0	%100
84	M95	Z	.477	.477	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
85	M100	X	-2.78	-2.78	0	%100
86	M100	Z	1.605	1.605	0	%100
87	M101	X	-.695	-.695	0	%100
88	M101	Z	.401	.401	0	%100
89	M102	X	-.695	-.695	0	%100
90	M102	Z	.401	.401	0	%100
91	MP4A	X	-3.302	-3.302	0	%100
92	MP4A	Z	1.906	1.906	0	%100
93	MP3A	X	-3.302	-3.302	0	%100
94	MP3A	Z	1.906	1.906	0	%100
95	MP2A	X	-3.302	-3.302	0	%100
96	MP2A	Z	1.906	1.906	0	%100
97	MP1A	X	-3.302	-3.302	0	%100
98	MP1A	Z	1.906	1.906	0	%100
99	M106	X	-3.234	-3.234	0	%100
100	M106	Z	1.867	1.867	0	%100
101	M111	X	-1.581	-1.581	0	%100
102	M111	Z	.913	.913	0	%100
103	M114	X	-3.234	-3.234	0	%100
104	M114	Z	1.867	1.867	0	%100
105	MP3C	X	-3.302	-3.302	0	%100
106	MP3C	Z	1.906	1.906	0	%100
107	MP2C	X	-3.302	-3.302	0	%100
108	MP2C	Z	1.906	1.906	0	%100
109	MP1C	X	-3.302	-3.302	0	%100
110	MP1C	Z	1.906	1.906	0	%100
111	MP4C	X	-3.302	-3.302	0	%100
112	MP4C	Z	1.906	1.906	0	%100
113	MP3B	X	-3.302	-3.302	0	%100
114	MP3B	Z	1.906	1.906	0	%100
115	MP2B	X	-3.302	-3.302	0	%100
116	MP2B	Z	1.906	1.906	0	%100
117	MP1B	X	-3.302	-3.302	0	%100
118	MP1B	Z	1.906	1.906	0	%100
119	MP4B	X	-3.302	-3.302	0	%100
120	MP4B	Z	1.906	1.906	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M41	X	-3.987	-3.987	0	%100
4	M41	Z	0	0	0	%100
5	M43	X	0	0	0	%100
6	M43	Z	0	0	0	%100
7	M44	X	-4.021	-4.021	0	%100
8	M44	Z	0	0	0	%100
9	M45A	X	-1.079	-1.079	0	%100
10	M45A	Z	0	0	0	%100
11	M46A	X	-2.684	-2.684	0	%100
12	M46A	Z	0	0	0	%100
13	M47A	X	-2.684	-2.684	0	%100
14	M47A	Z	0	0	0	%100
15	M49	X	0	0	0	%100
16	M49	Z	0	0	0	%100
17	M50	X	-1.329	-1.329	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
18	M50	Z	0	0	0	%100
19	M52	X	-3.987	-3.987	0	%100
20	M52	Z	0	0	0	%100
21	M53	X	-1.329	-1.329	0	%100
22	M53	Z	0	0	0	%100
23	M56	X	0	0	0	%100
24	M56	Z	0	0	0	%100
25	M67	X	-3.027	-3.027	0	%100
26	M67	Z	0	0	0	%100
27	M88	X	0	0	0	%100
28	M88	Z	0	0	0	%100
29	M34	X	-3.425	-3.425	0	%100
30	M34	Z	0	0	0	%100
31	M44A	X	0	0	0	%100
32	M44A	Z	0	0	0	%100
33	M46	X	-3.987	-3.987	0	%100
34	M46	Z	0	0	0	%100
35	M47	X	-4.021	-4.021	0	%100
36	M47	Z	0	0	0	%100
37	M48A	X	-1.079	-1.079	0	%100
38	M48A	Z	0	0	0	%100
39	M49A	X	-2.684	-2.684	0	%100
40	M49A	Z	0	0	0	%100
41	M50A	X	-2.684	-2.684	0	%100
42	M50A	Z	0	0	0	%100
43	M52A	X	-3.987	-3.987	0	%100
44	M52A	Z	0	0	0	%100
45	M53A	X	-1.329	-1.329	0	%100
46	M53A	Z	0	0	0	%100
47	M55	X	0	0	0	%100
48	M55	Z	0	0	0	%100
49	M56B	X	-1.329	-1.329	0	%100
50	M56B	Z	0	0	0	%100
51	M57	X	-3.027	-3.027	0	%100
52	M57	Z	0	0	0	%100
53	M60	X	0	0	0	%100
54	M60	Z	0	0	0	%100
55	M62	X	-2.859	-2.859	0	%100
56	M62	Z	0	0	0	%100
57	M67A	X	-3.425	-3.425	0	%100
58	M67A	Z	0	0	0	%100
59	M77	X	-3.987	-3.987	0	%100
60	M77	Z	0	0	0	%100
61	M79	X	-3.987	-3.987	0	%100
62	M79	Z	0	0	0	%100
63	M80	X	0	0	0	%100
64	M80	Z	0	0	0	%100
65	M81	X	-4.317	-4.317	0	%100
66	M81	Z	0	0	0	%100
67	M82	X	0	0	0	%100
68	M82	Z	0	0	0	%100
69	M83	X	0	0	0	%100
70	M83	Z	0	0	0	%100
71	M85	X	-3.987	-3.987	0	%100
72	M85	Z	0	0	0	%100
73	M86	X	-5.316	-5.316	0	%100
74	M86	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
75	M88A	X	-3.987	-3.987	0	%100
76	M88A	Z	0	0	0	%100
77	M89A	X	-5.316	-5.316	0	%100
78	M89A	Z	0	0	0	%100
79	M90A	X	-3.027	-3.027	0	%100
80	M90A	Z	0	0	0	%100
81	M93	X	-3.027	-3.027	0	%100
82	M93	Z	0	0	0	%100
83	M95	X	-2.859	-2.859	0	%100
84	M95	Z	0	0	0	%100
85	M100	X	-2.408	-2.408	0	%100
86	M100	Z	0	0	0	%100
87	M101	X	-2.408	-2.408	0	%100
88	M101	Z	0	0	0	%100
89	M102	X	0	0	0	%100
90	M102	Z	0	0	0	%100
91	MP4A	X	-3.813	-3.813	0	%100
92	MP4A	Z	0	0	0	%100
93	MP3A	X	-3.813	-3.813	0	%100
94	MP3A	Z	0	0	0	%100
95	MP2A	X	-3.813	-3.813	0	%100
96	MP2A	Z	0	0	0	%100
97	MP1A	X	-3.813	-3.813	0	%100
98	MP1A	Z	0	0	0	%100
99	M106	X	-4.37	-4.37	0	%100
100	M106	Z	0	0	0	%100
101	M111	X	-2.461	-2.461	0	%100
102	M111	Z	0	0	0	%100
103	M114	X	-2.461	-2.461	0	%100
104	M114	Z	0	0	0	%100
105	MP3C	X	-3.813	-3.813	0	%100
106	MP3C	Z	0	0	0	%100
107	MP2C	X	-3.813	-3.813	0	%100
108	MP2C	Z	0	0	0	%100
109	MP1C	X	-3.813	-3.813	0	%100
110	MP1C	Z	0	0	0	%100
111	MP4C	X	-3.813	-3.813	0	%100
112	MP4C	Z	0	0	0	%100
113	MP3B	X	-3.813	-3.813	0	%100
114	MP3B	Z	0	0	0	%100
115	MP2B	X	-3.813	-3.813	0	%100
116	MP2B	Z	0	0	0	%100
117	MP1B	X	-3.813	-3.813	0	%100
118	MP1B	Z	0	0	0	%100
119	MP4B	X	-3.813	-3.813	0	%100
120	MP4B	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-.989	-.989	0	%100
2	M1	Z	-.571	-.571	0	%100
3	M41	X	-4.603	-4.603	0	%100
4	M41	Z	-2.658	-2.658	0	%100
5	M43	X	-1.151	-1.151	0	%100
6	M43	Z	-.664	-.664	0	%100
7	M44	X	-1.161	-1.161	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
8	M44	Z	-.67	-.67	0	%100
9	M45A	X	-2.804	-2.804	0	%100
10	M45A	Z	-1.619	-1.619	0	%100
11	M46A	X	-.775	-.775	0	%100
12	M46A	Z	-.447	-.447	0	%100
13	M47A	X	-.775	-.775	0	%100
14	M47A	Z	-.447	-.447	0	%100
15	M49	X	-1.151	-1.151	0	%100
16	M49	Z	-.664	-.664	0	%100
17	M50	X	-3.453	-3.453	0	%100
18	M50	Z	-1.993	-1.993	0	%100
19	M52	X	-4.603	-4.603	0	%100
20	M52	Z	-2.658	-2.658	0	%100
21	M53	X	-3.453	-3.453	0	%100
22	M53	Z	-1.993	-1.993	0	%100
23	M56	X	-.874	-.874	0	%100
24	M56	Z	-.504	-.504	0	%100
25	M67	X	-3.495	-3.495	0	%100
26	M67	Z	-2.018	-2.018	0	%100
27	M88	X	-.825	-.825	0	%100
28	M88	Z	-.477	-.477	0	%100
29	M34	X	-.989	-.989	0	%100
30	M34	Z	-.571	-.571	0	%100
31	M44A	X	-1.151	-1.151	0	%100
32	M44A	Z	-.664	-.664	0	%100
33	M46	X	-1.151	-1.151	0	%100
34	M46	Z	-.664	-.664	0	%100
35	M47	X	-4.643	-4.643	0	%100
36	M47	Z	-2.681	-2.681	0	%100
37	M48A	X	0	0	0	%100
38	M48A	Z	0	0	0	%100
39	M49A	X	-3.1	-3.1	0	%100
40	M49A	Z	-1.79	-1.79	0	%100
41	M50A	X	-3.1	-3.1	0	%100
42	M50A	Z	-1.79	-1.79	0	%100
43	M52A	X	-1.151	-1.151	0	%100
44	M52A	Z	-.664	-.664	0	%100
45	M53A	X	0	0	0	%100
46	M53A	Z	0	0	0	%100
47	M55	X	-1.151	-1.151	0	%100
48	M55	Z	-.664	-.664	0	%100
49	M56B	X	0	0	0	%100
50	M56B	Z	0	0	0	%100
51	M57	X	-.874	-.874	0	%100
52	M57	Z	-.504	-.504	0	%100
53	M60	X	-.874	-.874	0	%100
54	M60	Z	-.504	-.504	0	%100
55	M62	X	-.825	-.825	0	%100
56	M62	Z	-.477	-.477	0	%100
57	M67A	X	-3.954	-3.954	0	%100
58	M67A	Z	-2.283	-2.283	0	%100
59	M77	X	-1.151	-1.151	0	%100
60	M77	Z	-.664	-.664	0	%100
61	M79	X	-4.603	-4.603	0	%100
62	M79	Z	-2.658	-2.658	0	%100
63	M80	X	-1.161	-1.161	0	%100
64	M80	Z	-.67	-.67	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
65	M81	X	-2.804	-2.804	0	%100
66	M81	Z	-1.619	-1.619	0	%100
67	M82	X	-.775	-.775	0	%100
68	M82	Z	-.447	-.447	0	%100
69	M83	X	-.775	-.775	0	%100
70	M83	Z	-.447	-.447	0	%100
71	M85	X	-4.603	-4.603	0	%100
72	M85	Z	-2.658	-2.658	0	%100
73	M86	X	-3.453	-3.453	0	%100
74	M86	Z	-1.993	-1.993	0	%100
75	M88A	X	-1.151	-1.151	0	%100
76	M88A	Z	-.664	-.664	0	%100
77	M89A	X	-3.453	-3.453	0	%100
78	M89A	Z	-1.993	-1.993	0	%100
79	M90A	X	-3.495	-3.495	0	%100
80	M90A	Z	-2.018	-2.018	0	%100
81	M93	X	-.874	-.874	0	%100
82	M93	Z	-.504	-.504	0	%100
83	M95	X	-3.302	-3.302	0	%100
84	M95	Z	-1.906	-1.906	0	%100
85	M100	X	-.695	-.695	0	%100
86	M100	Z	-.401	-.401	0	%100
87	M101	X	-2.78	-2.78	0	%100
88	M101	Z	-1.605	-1.605	0	%100
89	M102	X	-.695	-.695	0	%100
90	M102	Z	-.401	-.401	0	%100
91	MP4A	X	-3.302	-3.302	0	%100
92	MP4A	Z	-1.906	-1.906	0	%100
93	MP3A	X	-3.302	-3.302	0	%100
94	MP3A	Z	-1.906	-1.906	0	%100
95	MP2A	X	-3.302	-3.302	0	%100
96	MP2A	Z	-1.906	-1.906	0	%100
97	MP1A	X	-3.302	-3.302	0	%100
98	MP1A	Z	-1.906	-1.906	0	%100
99	M106	X	-3.234	-3.234	0	%100
100	M106	Z	-1.867	-1.867	0	%100
101	M111	X	-3.234	-3.234	0	%100
102	M111	Z	-1.867	-1.867	0	%100
103	M114	X	-1.581	-1.581	0	%100
104	M114	Z	-.913	-.913	0	%100
105	MP3C	X	-3.302	-3.302	0	%100
106	MP3C	Z	-1.906	-1.906	0	%100
107	MP2C	X	-3.302	-3.302	0	%100
108	MP2C	Z	-1.906	-1.906	0	%100
109	MP1C	X	-3.302	-3.302	0	%100
110	MP1C	Z	-1.906	-1.906	0	%100
111	MP4C	X	-3.302	-3.302	0	%100
112	MP4C	Z	-1.906	-1.906	0	%100
113	MP3B	X	-3.302	-3.302	0	%100
114	MP3B	Z	-1.906	-1.906	0	%100
115	MP2B	X	-3.302	-3.302	0	%100
116	MP2B	Z	-1.906	-1.906	0	%100
117	MP1B	X	-3.302	-3.302	0	%100
118	MP1B	Z	-1.906	-1.906	0	%100
119	MP4B	X	-3.302	-3.302	0	%100
120	MP4B	Z	-1.906	-1.906	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-1.712	-1.712	0	%100
2	M1	Z	-2.966	-2.966	0	%100
3	M41	X	-1.993	-1.993	0	%100
4	M41	Z	-3.453	-3.453	0	%100
5	M43	X	-1.993	-1.993	0	%100
6	M43	Z	-3.453	-3.453	0	%100
7	M44	X	0	0	0	%100
8	M44	Z	0	0	0	%100
9	M45A	X	-2.159	-2.159	0	%100
10	M45A	Z	-3.739	-3.739	0	%100
11	M46A	X	0	0	0	%100
12	M46A	Z	0	0	0	%100
13	M47A	X	0	0	0	%100
14	M47A	Z	0	0	0	%100
15	M49	X	-1.993	-1.993	0	%100
16	M49	Z	-3.453	-3.453	0	%100
17	M50	X	-2.658	-2.658	0	%100
18	M50	Z	-4.603	-4.603	0	%100
19	M52	X	-1.993	-1.993	0	%100
20	M52	Z	-3.453	-3.453	0	%100
21	M53	X	-2.658	-2.658	0	%100
22	M53	Z	-4.603	-4.603	0	%100
23	M56	X	-1.513	-1.513	0	%100
24	M56	Z	-2.621	-2.621	0	%100
25	M67	X	-1.513	-1.513	0	%100
26	M67	Z	-2.621	-2.621	0	%100
27	M88	X	-1.43	-1.43	0	%100
28	M88	Z	-2.476	-2.476	0	%100
29	M34	X	0	0	0	%100
30	M34	Z	0	0	0	%100
31	M44A	X	-1.993	-1.993	0	%100
32	M44A	Z	-3.453	-3.453	0	%100
33	M46	X	0	0	0	%100
34	M46	Z	0	0	0	%100
35	M47	X	-2.011	-2.011	0	%100
36	M47	Z	-3.482	-3.482	0	%100
37	M48A	X	-.54	-.54	0	%100
38	M48A	Z	-.935	-.935	0	%100
39	M49A	X	-1.342	-1.342	0	%100
40	M49A	Z	-2.325	-2.325	0	%100
41	M50A	X	-1.342	-1.342	0	%100
42	M50A	Z	-2.325	-2.325	0	%100
43	M52A	X	0	0	0	%100
44	M52A	Z	0	0	0	%100
45	M53A	X	-.664	-.664	0	%100
46	M53A	Z	-1.151	-1.151	0	%100
47	M55	X	-1.993	-1.993	0	%100
48	M55	Z	-3.453	-3.453	0	%100
49	M56B	X	-.664	-.664	0	%100
50	M56B	Z	-1.151	-1.151	0	%100
51	M57	X	0	0	0	%100
52	M57	Z	0	0	0	%100
53	M60	X	-1.513	-1.513	0	%100
54	M60	Z	-2.621	-2.621	0	%100
55	M62	X	0	0	0	%100
56	M62	Z	0	0	0	%100
57	M67A	X	-1.712	-1.712	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	M67A	Z	-2.966	-2.966	0	%100
59	M77	X	0	0	0	%100
60	M77	Z	0	0	0	%100
61	M79	X	-1.993	-1.993	0	%100
62	M79	Z	-3.453	-3.453	0	%100
63	M80	X	-2.011	-2.011	0	%100
64	M80	Z	-3.482	-3.482	0	%100
65	M81	X	-.54	-.54	0	%100
66	M81	Z	-.935	-.935	0	%100
67	M82	X	-1.342	-1.342	0	%100
68	M82	Z	-2.325	-2.325	0	%100
69	M83	X	-1.342	-1.342	0	%100
70	M83	Z	-2.325	-2.325	0	%100
71	M85	X	-1.993	-1.993	0	%100
72	M85	Z	-3.453	-3.453	0	%100
73	M86	X	-.664	-.664	0	%100
74	M86	Z	-1.151	-1.151	0	%100
75	M88A	X	0	0	0	%100
76	M88A	Z	0	0	0	%100
77	M89A	X	-.664	-.664	0	%100
78	M89A	Z	-1.151	-1.151	0	%100
79	M90A	X	-1.513	-1.513	0	%100
80	M90A	Z	-2.621	-2.621	0	%100
81	M93	X	0	0	0	%100
82	M93	Z	0	0	0	%100
83	M95	X	-1.43	-1.43	0	%100
84	M95	Z	-2.476	-2.476	0	%100
85	M100	X	0	0	0	%100
86	M100	Z	0	0	0	%100
87	M101	X	-1.204	-1.204	0	%100
88	M101	Z	-2.085	-2.085	0	%100
89	M102	X	-1.204	-1.204	0	%100
90	M102	Z	-2.085	-2.085	0	%100
91	MP4A	X	-1.906	-1.906	0	%100
92	MP4A	Z	-3.302	-3.302	0	%100
93	MP3A	X	-1.906	-1.906	0	%100
94	MP3A	Z	-3.302	-3.302	0	%100
95	MP2A	X	-1.906	-1.906	0	%100
96	MP2A	Z	-3.302	-3.302	0	%100
97	MP1A	X	-1.906	-1.906	0	%100
98	MP1A	Z	-3.302	-3.302	0	%100
99	M106	X	-1.231	-1.231	0	%100
100	M106	Z	-2.132	-2.132	0	%100
101	M111	X	-2.185	-2.185	0	%100
102	M111	Z	-3.785	-3.785	0	%100
103	M114	X	-1.231	-1.231	0	%100
104	M114	Z	-2.132	-2.132	0	%100
105	MP3C	X	-1.906	-1.906	0	%100
106	MP3C	Z	-3.302	-3.302	0	%100
107	MP2C	X	-1.906	-1.906	0	%100
108	MP2C	Z	-3.302	-3.302	0	%100
109	MP1C	X	-1.906	-1.906	0	%100
110	MP1C	Z	-3.302	-3.302	0	%100
111	MP4C	X	-1.906	-1.906	0	%100
112	MP4C	Z	-3.302	-3.302	0	%100
113	MP3B	X	-1.906	-1.906	0	%100
114	MP3B	Z	-3.302	-3.302	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
115	MP2B	X	-1.906	-1.906	0	%100
116	MP2B	Z	-3.302	-3.302	0	%100
117	MP1B	X	-1.906	-1.906	0	%100
118	MP1B	Z	-3.302	-3.302	0	%100
119	MP4B	X	-1.906	-1.906	0	%100
120	MP4B	Z	-3.302	-3.302	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	-.844	-.844	0	%100
3	M41	X	0	0	0	%100
4	M41	Z	-.362	-.362	0	%100
5	M43	X	0	0	0	%100
6	M43	Z	-1.447	-1.447	0	%100
7	M44	X	0	0	0	%100
8	M44	Z	-.362	-.362	0	%100
9	M45A	X	0	0	0	%100
10	M45A	Z	-.639	-.639	0	%100
11	M46A	X	0	0	0	%100
12	M46A	Z	-.182	-.182	0	%100
13	M47A	X	0	0	0	%100
14	M47A	Z	-.182	-.182	0	%100
15	M49	X	0	0	0	%100
16	M49	Z	-1.447	-1.447	0	%100
17	M50	X	0	0	0	%100
18	M50	Z	-1.085	-1.085	0	%100
19	M52	X	0	0	0	%100
20	M52	Z	-.362	-.362	0	%100
21	M53	X	0	0	0	%100
22	M53	Z	-1.085	-1.085	0	%100
23	M56	X	0	0	0	%100
24	M56	Z	-.802	-.802	0	%100
25	M67	X	0	0	0	%100
26	M67	Z	-.2	-.2	0	%100
27	M88	X	0	0	0	%100
28	M88	Z	-.573	-.573	0	%100
29	M34	X	0	0	0	%100
30	M34	Z	-.211	-.211	0	%100
31	M44A	X	0	0	0	%100
32	M44A	Z	-1.447	-1.447	0	%100
33	M46	X	0	0	0	%100
34	M46	Z	-.362	-.362	0	%100
35	M47	X	0	0	0	%100
36	M47	Z	-.362	-.362	0	%100
37	M48A	X	0	0	0	%100
38	M48A	Z	-.639	-.639	0	%100
39	M49A	X	0	0	0	%100
40	M49A	Z	-.182	-.182	0	%100
41	M50A	X	0	0	0	%100
42	M50A	Z	-.182	-.182	0	%100
43	M52A	X	0	0	0	%100
44	M52A	Z	-.362	-.362	0	%100
45	M53A	X	0	0	0	%100
46	M53A	Z	-1.085	-1.085	0	%100
47	M55	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
48	M55	Z	-1.447	-1.447	0	%100
49	M56B	X	0	0	0	%100
50	M56B	Z	-1.085	-1.085	0	%100
51	M57	X	0	0	0	%100
52	M57	Z	-.2	-.2	0	%100
53	M60	X	0	0	0	%100
54	M60	Z	-.802	-.802	0	%100
55	M62	X	0	0	0	%100
56	M62	Z	-.143	-.143	0	%100
57	M67A	X	0	0	0	%100
58	M67A	Z	-.211	-.211	0	%100
59	M77	X	0	0	0	%100
60	M77	Z	-.362	-.362	0	%100
61	M79	X	0	0	0	%100
62	M79	Z	-.362	-.362	0	%100
63	M80	X	0	0	0	%100
64	M80	Z	-1.447	-1.447	0	%100
65	M81	X	0	0	0	%100
66	M81	Z	0	0	0	%100
67	M82	X	0	0	0	%100
68	M82	Z	-.728	-.728	0	%100
69	M83	X	0	0	0	%100
70	M83	Z	-.728	-.728	0	%100
71	M85	X	0	0	0	%100
72	M85	Z	-.362	-.362	0	%100
73	M86	X	0	0	0	%100
74	M86	Z	0	0	0	%100
75	M88A	X	0	0	0	%100
76	M88A	Z	-.362	-.362	0	%100
77	M89A	X	0	0	0	%100
78	M89A	Z	0	0	0	%100
79	M90A	X	0	0	0	%100
80	M90A	Z	-.2	-.2	0	%100
81	M93	X	0	0	0	%100
82	M93	Z	-.2	-.2	0	%100
83	M95	X	0	0	0	%100
84	M95	Z	-.143	-.143	0	%100
85	M100	X	0	0	0	%100
86	M100	Z	-.167	-.167	0	%100
87	M101	X	0	0	0	%100
88	M101	Z	-.167	-.167	0	%100
89	M102	X	0	0	0	%100
90	M102	Z	-.666	-.666	0	%100
91	MP4A	X	0	0	0	%100
92	MP4A	Z	-.573	-.573	0	%100
93	MP3A	X	0	0	0	%100
94	MP3A	Z	-.573	-.573	0	%100
95	MP2A	X	0	0	0	%100
96	MP2A	Z	-.573	-.573	0	%100
97	MP1A	X	0	0	0	%100
98	MP1A	Z	-.573	-.573	0	%100
99	M106	X	0	0	0	%100
100	M106	Z	-.466	-.466	0	%100
101	M111	X	0	0	0	%100
102	M111	Z	-.807	-.807	0	%100
103	M114	X	0	0	0	%100
104	M114	Z	-.807	-.807	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
105	MP3C	X	0	0	0	%100
106	MP3C	Z	-.573	-.573	0	%100
107	MP2C	X	0	0	0	%100
108	MP2C	Z	-.573	-.573	0	%100
109	MP1C	X	0	0	0	%100
110	MP1C	Z	-.573	-.573	0	%100
111	MP4C	X	0	0	0	%100
112	MP4C	Z	-.573	-.573	0	%100
113	MP3B	X	0	0	0	%100
114	MP3B	Z	-.573	-.573	0	%100
115	MP2B	X	0	0	0	%100
116	MP2B	Z	-.573	-.573	0	%100
117	MP1B	X	0	0	0	%100
118	MP1B	Z	-.573	-.573	0	%100
119	MP4B	X	0	0	0	%100
120	MP4B	Z	-.573	-.573	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.317	.317	0	%100
2	M1	Z	-.548	-.548	0	%100
3	M41	X	0	0	0	%100
4	M41	Z	0	0	0	%100
5	M43	X	.543	.543	0	%100
6	M43	Z	-.94	-.94	0	%100
7	M44	X	.543	.543	0	%100
8	M44	Z	-.94	-.94	0	%100
9	M45A	X	.107	.107	0	%100
10	M45A	Z	-.185	-.185	0	%100
11	M46A	X	.273	.273	0	%100
12	M46A	Z	-.473	-.473	0	%100
13	M47A	X	.273	.273	0	%100
14	M47A	Z	-.473	-.473	0	%100
15	M49	X	.543	.543	0	%100
16	M49	Z	-.94	-.94	0	%100
17	M50	X	.181	.181	0	%100
18	M50	Z	-.313	-.313	0	%100
19	M52	X	0	0	0	%100
20	M52	Z	0	0	0	%100
21	M53	X	.181	.181	0	%100
22	M53	Z	-.313	-.313	0	%100
23	M56	X	.301	.301	0	%100
24	M56	Z	-.521	-.521	0	%100
25	M67	X	0	0	0	%100
26	M67	Z	0	0	0	%100
27	M88	X	.215	.215	0	%100
28	M88	Z	-.372	-.372	0	%100
29	M34	X	.317	.317	0	%100
30	M34	Z	-.548	-.548	0	%100
31	M44A	X	.543	.543	0	%100
32	M44A	Z	-.94	-.94	0	%100
33	M46	X	.543	.543	0	%100
34	M46	Z	-.94	-.94	0	%100
35	M47	X	0	0	0	%100
36	M47	Z	0	0	0	%100
37	M48A	X	.426	.426	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
38	M48A	Z	-.738	-.738	0	%100
39	M49A	X	0	0	0	%100
40	M49A	Z	0	0	0	%100
41	M50A	X	0	0	0	%100
42	M50A	Z	0	0	0	%100
43	M52A	X	.543	.543	0	%100
44	M52A	Z	-.94	-.94	0	%100
45	M53A	X	.724	.724	0	%100
46	M53A	Z	-1.253	-1.253	0	%100
47	M55	X	.543	.543	0	%100
48	M55	Z	-.94	-.94	0	%100
49	M56B	X	.724	.724	0	%100
50	M56B	Z	-1.253	-1.253	0	%100
51	M57	X	.301	.301	0	%100
52	M57	Z	-.521	-.521	0	%100
53	M60	X	.301	.301	0	%100
54	M60	Z	-.521	-.521	0	%100
55	M62	X	.215	.215	0	%100
56	M62	Z	-.372	-.372	0	%100
57	M67A	X	0	0	0	%100
58	M67A	Z	0	0	0	%100
59	M77	X	.543	.543	0	%100
60	M77	Z	-.94	-.94	0	%100
61	M79	X	0	0	0	%100
62	M79	Z	0	0	0	%100
63	M80	X	.543	.543	0	%100
64	M80	Z	-.94	-.94	0	%100
65	M81	X	.107	.107	0	%100
66	M81	Z	-.185	-.185	0	%100
67	M82	X	.273	.273	0	%100
68	M82	Z	-.473	-.473	0	%100
69	M83	X	.273	.273	0	%100
70	M83	Z	-.473	-.473	0	%100
71	M85	X	0	0	0	%100
72	M85	Z	0	0	0	%100
73	M86	X	.181	.181	0	%100
74	M86	Z	-.313	-.313	0	%100
75	M88A	X	.543	.543	0	%100
76	M88A	Z	-.94	-.94	0	%100
77	M89A	X	.181	.181	0	%100
78	M89A	Z	-.313	-.313	0	%100
79	M90A	X	0	0	0	%100
80	M90A	Z	0	0	0	%100
81	M93	X	.301	.301	0	%100
82	M93	Z	-.521	-.521	0	%100
83	M95	X	0	0	0	%100
84	M95	Z	0	0	0	%100
85	M100	X	.25	.25	0	%100
86	M100	Z	-.433	-.433	0	%100
87	M101	X	0	0	0	%100
88	M101	Z	0	0	0	%100
89	M102	X	.25	.25	0	%100
90	M102	Z	-.433	-.433	0	%100
91	MP4A	X	.286	.286	0	%100
92	MP4A	Z	-.496	-.496	0	%100
93	MP3A	X	.286	.286	0	%100
94	MP3A	Z	-.496	-.496	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
95	MP2A	X	.286	.286	0	%100
96	MP2A	Z	-.496	-.496	0	%100
97	MP1A	X	.286	.286	0	%100
98	MP1A	Z	-.496	-.496	0	%100
99	M106	X	.29	.29	0	%100
100	M106	Z	-.502	-.502	0	%100
101	M111	X	.29	.29	0	%100
102	M111	Z	-.502	-.502	0	%100
103	M114	X	.46	.46	0	%100
104	M114	Z	-.797	-.797	0	%100
105	MP3C	X	.286	.286	0	%100
106	MP3C	Z	-.496	-.496	0	%100
107	MP2C	X	.286	.286	0	%100
108	MP2C	Z	-.496	-.496	0	%100
109	MP1C	X	.286	.286	0	%100
110	MP1C	Z	-.496	-.496	0	%100
111	MP4C	X	.286	.286	0	%100
112	MP4C	Z	-.496	-.496	0	%100
113	MP3B	X	.286	.286	0	%100
114	MP3B	Z	-.496	-.496	0	%100
115	MP2B	X	.286	.286	0	%100
116	MP2B	Z	-.496	-.496	0	%100
117	MP1B	X	.286	.286	0	%100
118	MP1B	Z	-.496	-.496	0	%100
119	MP4B	X	.286	.286	0	%100
120	MP4B	Z	-.496	-.496	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.183	.183	0	%100
2	M1	Z	-.106	-.106	0	%100
3	M41	X	.313	.313	0	%100
4	M41	Z	-.181	-.181	0	%100
5	M43	X	.313	.313	0	%100
6	M43	Z	-.181	-.181	0	%100
7	M44	X	1.253	1.253	0	%100
8	M44	Z	-.724	-.724	0	%100
9	M45A	X	0	0	0	%100
10	M45A	Z	0	0	0	%100
11	M46A	X	.631	.631	0	%100
12	M46A	Z	-.364	-.364	0	%100
13	M47A	X	.631	.631	0	%100
14	M47A	Z	-.364	-.364	0	%100
15	M49	X	.313	.313	0	%100
16	M49	Z	-.181	-.181	0	%100
17	M50	X	0	0	0	%100
18	M50	Z	0	0	0	%100
19	M52	X	.313	.313	0	%100
20	M52	Z	-.181	-.181	0	%100
21	M53	X	0	0	0	%100
22	M53	Z	0	0	0	%100
23	M56	X	.174	.174	0	%100
24	M56	Z	-.1	-.1	0	%100
25	M67	X	.174	.174	0	%100
26	M67	Z	-.1	-.1	0	%100
27	M88	X	.124	.124	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
28	M88	Z	-.072	-.072	0	%100
29	M34	X	.731	.731	0	%100
30	M34	Z	-.422	-.422	0	%100
31	M44A	X	.313	.313	0	%100
32	M44A	Z	-.181	-.181	0	%100
33	M46	X	1.253	1.253	0	%100
34	M46	Z	-.724	-.724	0	%100
35	M47	X	.313	.313	0	%100
36	M47	Z	-.181	-.181	0	%100
37	M48A	X	.554	.554	0	%100
38	M48A	Z	-.32	-.32	0	%100
39	M49A	X	.158	.158	0	%100
40	M49A	Z	-.091	-.091	0	%100
41	M50A	X	.158	.158	0	%100
42	M50A	Z	-.091	-.091	0	%100
43	M52A	X	1.253	1.253	0	%100
44	M52A	Z	-.724	-.724	0	%100
45	M53A	X	.94	.94	0	%100
46	M53A	Z	-.543	-.543	0	%100
47	M55	X	.313	.313	0	%100
48	M55	Z	-.181	-.181	0	%100
49	M56B	X	.94	.94	0	%100
50	M56B	Z	-.543	-.543	0	%100
51	M57	X	.694	.694	0	%100
52	M57	Z	-.401	-.401	0	%100
53	M60	X	.174	.174	0	%100
54	M60	Z	-.1	-.1	0	%100
55	M62	X	.496	.496	0	%100
56	M62	Z	-.286	-.286	0	%100
57	M67A	X	.183	.183	0	%100
58	M67A	Z	-.106	-.106	0	%100
59	M77	X	1.253	1.253	0	%100
60	M77	Z	-.724	-.724	0	%100
61	M79	X	.313	.313	0	%100
62	M79	Z	-.181	-.181	0	%100
63	M80	X	.313	.313	0	%100
64	M80	Z	-.181	-.181	0	%100
65	M81	X	.554	.554	0	%100
66	M81	Z	-.32	-.32	0	%100
67	M82	X	.158	.158	0	%100
68	M82	Z	-.091	-.091	0	%100
69	M83	X	.158	.158	0	%100
70	M83	Z	-.091	-.091	0	%100
71	M85	X	.313	.313	0	%100
72	M85	Z	-.181	-.181	0	%100
73	M86	X	.94	.94	0	%100
74	M86	Z	-.543	-.543	0	%100
75	M88A	X	1.253	1.253	0	%100
76	M88A	Z	-.724	-.724	0	%100
77	M89A	X	.94	.94	0	%100
78	M89A	Z	-.543	-.543	0	%100
79	M90A	X	.174	.174	0	%100
80	M90A	Z	-.1	-.1	0	%100
81	M93	X	.694	.694	0	%100
82	M93	Z	-.401	-.401	0	%100
83	M95	X	.124	.124	0	%100
84	M95	Z	-.072	-.072	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
85	M100	X	.577	.577	0	%100
86	M100	Z	-.333	-.333	0	%100
87	M101	X	.144	.144	0	%100
88	M101	Z	-.083	-.083	0	%100
89	M102	X	.144	.144	0	%100
90	M102	Z	-.083	-.083	0	%100
91	MP4A	X	.496	.496	0	%100
92	MP4A	Z	-.286	-.286	0	%100
93	MP3A	X	.496	.496	0	%100
94	MP3A	Z	-.286	-.286	0	%100
95	MP2A	X	.496	.496	0	%100
96	MP2A	Z	-.286	-.286	0	%100
97	MP1A	X	.496	.496	0	%100
98	MP1A	Z	-.286	-.286	0	%100
99	M106	X	.699	.699	0	%100
100	M106	Z	-.404	-.404	0	%100
101	M111	X	.404	.404	0	%100
102	M111	Z	-.233	-.233	0	%100
103	M114	X	.699	.699	0	%100
104	M114	Z	-.404	-.404	0	%100
105	MP3C	X	.496	.496	0	%100
106	MP3C	Z	-.286	-.286	0	%100
107	MP2C	X	.496	.496	0	%100
108	MP2C	Z	-.286	-.286	0	%100
109	MP1C	X	.496	.496	0	%100
110	MP1C	Z	-.286	-.286	0	%100
111	MP4C	X	.496	.496	0	%100
112	MP4C	Z	-.286	-.286	0	%100
113	MP3B	X	.496	.496	0	%100
114	MP3B	Z	-.286	-.286	0	%100
115	MP2B	X	.496	.496	0	%100
116	MP2B	Z	-.286	-.286	0	%100
117	MP1B	X	.496	.496	0	%100
118	MP1B	Z	-.286	-.286	0	%100
119	MP4B	X	.496	.496	0	%100
120	MP4B	Z	-.286	-.286	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M41	X	1.085	1.085	0	%100
4	M41	Z	0	0	0	%100
5	M43	X	0	0	0	%100
6	M43	Z	0	0	0	%100
7	M44	X	1.085	1.085	0	%100
8	M44	Z	0	0	0	%100
9	M45A	X	.213	.213	0	%100
10	M45A	Z	0	0	0	%100
11	M46A	X	.546	.546	0	%100
12	M46A	Z	0	0	0	%100
13	M47A	X	.546	.546	0	%100
14	M47A	Z	0	0	0	%100
15	M49	X	0	0	0	%100
16	M49	Z	0	0	0	%100
17	M50	X	.362	.362	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
18	M50	Z	0	0	0	%100
19	M52	X	1.085	1.085	0	%100
20	M52	Z	0	0	0	%100
21	M53	X	.362	.362	0	%100
22	M53	Z	0	0	0	%100
23	M56	X	0	0	0	%100
24	M56	Z	0	0	0	%100
25	M67	X	.601	.601	0	%100
26	M67	Z	0	0	0	%100
27	M88	X	0	0	0	%100
28	M88	Z	0	0	0	%100
29	M34	X	.633	.633	0	%100
30	M34	Z	0	0	0	%100
31	M44A	X	0	0	0	%100
32	M44A	Z	0	0	0	%100
33	M46	X	1.085	1.085	0	%100
34	M46	Z	0	0	0	%100
35	M47	X	1.085	1.085	0	%100
36	M47	Z	0	0	0	%100
37	M48A	X	.213	.213	0	%100
38	M48A	Z	0	0	0	%100
39	M49A	X	.546	.546	0	%100
40	M49A	Z	0	0	0	%100
41	M50A	X	.546	.546	0	%100
42	M50A	Z	0	0	0	%100
43	M52A	X	1.085	1.085	0	%100
44	M52A	Z	0	0	0	%100
45	M53A	X	.362	.362	0	%100
46	M53A	Z	0	0	0	%100
47	M55	X	0	0	0	%100
48	M55	Z	0	0	0	%100
49	M56B	X	.362	.362	0	%100
50	M56B	Z	0	0	0	%100
51	M57	X	.601	.601	0	%100
52	M57	Z	0	0	0	%100
53	M60	X	0	0	0	%100
54	M60	Z	0	0	0	%100
55	M62	X	.43	.43	0	%100
56	M62	Z	0	0	0	%100
57	M67A	X	.633	.633	0	%100
58	M67A	Z	0	0	0	%100
59	M77	X	1.085	1.085	0	%100
60	M77	Z	0	0	0	%100
61	M79	X	1.085	1.085	0	%100
62	M79	Z	0	0	0	%100
63	M80	X	0	0	0	%100
64	M80	Z	0	0	0	%100
65	M81	X	.852	.852	0	%100
66	M81	Z	0	0	0	%100
67	M82	X	0	0	0	%100
68	M82	Z	0	0	0	%100
69	M83	X	0	0	0	%100
70	M83	Z	0	0	0	%100
71	M85	X	1.085	1.085	0	%100
72	M85	Z	0	0	0	%100
73	M86	X	1.447	1.447	0	%100
74	M86	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
75	M88A	X	1.085	1.085	0	%100
76	M88A	Z	0	0	0	%100
77	M89A	X	1.447	1.447	0	%100
78	M89A	Z	0	0	0	%100
79	M90A	X	.601	.601	0	%100
80	M90A	Z	0	0	0	%100
81	M93	X	.601	.601	0	%100
82	M93	Z	0	0	0	%100
83	M95	X	.43	.43	0	%100
84	M95	Z	0	0	0	%100
85	M100	X	.5	.5	0	%100
86	M100	Z	0	0	0	%100
87	M101	X	.5	.5	0	%100
88	M101	Z	0	0	0	%100
89	M102	X	0	0	0	%100
90	M102	Z	0	0	0	%100
91	MP4A	X	.573	.573	0	%100
92	MP4A	Z	0	0	0	%100
93	MP3A	X	.573	.573	0	%100
94	MP3A	Z	0	0	0	%100
95	MP2A	X	.573	.573	0	%100
96	MP2A	Z	0	0	0	%100
97	MP1A	X	.573	.573	0	%100
98	MP1A	Z	0	0	0	%100
99	M106	X	.921	.921	0	%100
100	M106	Z	0	0	0	%100
101	M111	X	.58	.58	0	%100
102	M111	Z	0	0	0	%100
103	M114	X	.58	.58	0	%100
104	M114	Z	0	0	0	%100
105	MP3C	X	.573	.573	0	%100
106	MP3C	Z	0	0	0	%100
107	MP2C	X	.573	.573	0	%100
108	MP2C	Z	0	0	0	%100
109	MP1C	X	.573	.573	0	%100
110	MP1C	Z	0	0	0	%100
111	MP4C	X	.573	.573	0	%100
112	MP4C	Z	0	0	0	%100
113	MP3B	X	.573	.573	0	%100
114	MP3B	Z	0	0	0	%100
115	MP2B	X	.573	.573	0	%100
116	MP2B	Z	0	0	0	%100
117	MP1B	X	.573	.573	0	%100
118	MP1B	Z	0	0	0	%100
119	MP4B	X	.573	.573	0	%100
120	MP4B	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.183	.183	0	%100
2	M1	Z	.106	.106	0	%100
3	M41	X	1.253	1.253	0	%100
4	M41	Z	.724	.724	0	%100
5	M43	X	.313	.313	0	%100
6	M43	Z	.181	.181	0	%100
7	M44	X	.313	.313	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
8	M44	Z	.181	.181	0	%100
9	M45A	X	.554	.554	0	%100
10	M45A	Z	.32	.32	0	%100
11	M46A	X	.158	.158	0	%100
12	M46A	Z	.091	.091	0	%100
13	M47A	X	.158	.158	0	%100
14	M47A	Z	.091	.091	0	%100
15	M49	X	.313	.313	0	%100
16	M49	Z	.181	.181	0	%100
17	M50	X	.94	.94	0	%100
18	M50	Z	.543	.543	0	%100
19	M52	X	1.253	1.253	0	%100
20	M52	Z	.724	.724	0	%100
21	M53	X	.94	.94	0	%100
22	M53	Z	.543	.543	0	%100
23	M56	X	.174	.174	0	%100
24	M56	Z	.1	.1	0	%100
25	M67	X	.694	.694	0	%100
26	M67	Z	.401	.401	0	%100
27	M88	X	.124	.124	0	%100
28	M88	Z	.072	.072	0	%100
29	M34	X	.183	.183	0	%100
30	M34	Z	.106	.106	0	%100
31	M44A	X	.313	.313	0	%100
32	M44A	Z	.181	.181	0	%100
33	M46	X	.313	.313	0	%100
34	M46	Z	.181	.181	0	%100
35	M47	X	1.253	1.253	0	%100
36	M47	Z	.724	.724	0	%100
37	M48A	X	0	0	0	%100
38	M48A	Z	0	0	0	%100
39	M49A	X	.631	.631	0	%100
40	M49A	Z	.364	.364	0	%100
41	M50A	X	.631	.631	0	%100
42	M50A	Z	.364	.364	0	%100
43	M52A	X	.313	.313	0	%100
44	M52A	Z	.181	.181	0	%100
45	M53A	X	0	0	0	%100
46	M53A	Z	0	0	0	%100
47	M55	X	.313	.313	0	%100
48	M55	Z	.181	.181	0	%100
49	M56B	X	0	0	0	%100
50	M56B	Z	0	0	0	%100
51	M57	X	.174	.174	0	%100
52	M57	Z	.1	.1	0	%100
53	M60	X	.174	.174	0	%100
54	M60	Z	.1	.1	0	%100
55	M62	X	.124	.124	0	%100
56	M62	Z	.072	.072	0	%100
57	M67A	X	.731	.731	0	%100
58	M67A	Z	.422	.422	0	%100
59	M77	X	.313	.313	0	%100
60	M77	Z	.181	.181	0	%100
61	M79	X	1.253	1.253	0	%100
62	M79	Z	.724	.724	0	%100
63	M80	X	.313	.313	0	%100
64	M80	Z	.181	.181	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
65	M81	X	.554	.554	0	%100
66	M81	Z	.32	.32	0	%100
67	M82	X	.158	.158	0	%100
68	M82	Z	.091	.091	0	%100
69	M83	X	.158	.158	0	%100
70	M83	Z	.091	.091	0	%100
71	M85	X	1.253	1.253	0	%100
72	M85	Z	.724	.724	0	%100
73	M86	X	.94	.94	0	%100
74	M86	Z	.543	.543	0	%100
75	M88A	X	.313	.313	0	%100
76	M88A	Z	.181	.181	0	%100
77	M89A	X	.94	.94	0	%100
78	M89A	Z	.543	.543	0	%100
79	M90A	X	.694	.694	0	%100
80	M90A	Z	.401	.401	0	%100
81	M93	X	.174	.174	0	%100
82	M93	Z	.1	.1	0	%100
83	M95	X	.496	.496	0	%100
84	M95	Z	.286	.286	0	%100
85	M100	X	.144	.144	0	%100
86	M100	Z	.083	.083	0	%100
87	M101	X	.577	.577	0	%100
88	M101	Z	.333	.333	0	%100
89	M102	X	.144	.144	0	%100
90	M102	Z	.083	.083	0	%100
91	MP4A	X	.496	.496	0	%100
92	MP4A	Z	.286	.286	0	%100
93	MP3A	X	.496	.496	0	%100
94	MP3A	Z	.286	.286	0	%100
95	MP2A	X	.496	.496	0	%100
96	MP2A	Z	.286	.286	0	%100
97	MP1A	X	.496	.496	0	%100
98	MP1A	Z	.286	.286	0	%100
99	M106	X	.699	.699	0	%100
100	M106	Z	.404	.404	0	%100
101	M111	X	.699	.699	0	%100
102	M111	Z	.404	.404	0	%100
103	M114	X	.404	.404	0	%100
104	M114	Z	.233	.233	0	%100
105	MP3C	X	.496	.496	0	%100
106	MP3C	Z	.286	.286	0	%100
107	MP2C	X	.496	.496	0	%100
108	MP2C	Z	.286	.286	0	%100
109	MP1C	X	.496	.496	0	%100
110	MP1C	Z	.286	.286	0	%100
111	MP4C	X	.496	.496	0	%100
112	MP4C	Z	.286	.286	0	%100
113	MP3B	X	.496	.496	0	%100
114	MP3B	Z	.286	.286	0	%100
115	MP2B	X	.496	.496	0	%100
116	MP2B	Z	.286	.286	0	%100
117	MP1B	X	.496	.496	0	%100
118	MP1B	Z	.286	.286	0	%100
119	MP4B	X	.496	.496	0	%100
120	MP4B	Z	.286	.286	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.317	.317	0	%100
2	M1	Z	.548	.548	0	%100
3	M41	X	.543	.543	0	%100
4	M41	Z	.94	.94	0	%100
5	M43	X	.543	.543	0	%100
6	M43	Z	.94	.94	0	%100
7	M44	X	0	0	0	%100
8	M44	Z	0	0	0	%100
9	M45A	X	.426	.426	0	%100
10	M45A	Z	.738	.738	0	%100
11	M46A	X	0	0	0	%100
12	M46A	Z	0	0	0	%100
13	M47A	X	0	0	0	%100
14	M47A	Z	0	0	0	%100
15	M49	X	.543	.543	0	%100
16	M49	Z	.94	.94	0	%100
17	M50	X	.724	.724	0	%100
18	M50	Z	1.253	1.253	0	%100
19	M52	X	.543	.543	0	%100
20	M52	Z	.94	.94	0	%100
21	M53	X	.724	.724	0	%100
22	M53	Z	1.253	1.253	0	%100
23	M56	X	.301	.301	0	%100
24	M56	Z	.521	.521	0	%100
25	M67	X	.301	.301	0	%100
26	M67	Z	.521	.521	0	%100
27	M88	X	.215	.215	0	%100
28	M88	Z	.372	.372	0	%100
29	M34	X	0	0	0	%100
30	M34	Z	0	0	0	%100
31	M44A	X	.543	.543	0	%100
32	M44A	Z	.94	.94	0	%100
33	M46	X	0	0	0	%100
34	M46	Z	0	0	0	%100
35	M47	X	.543	.543	0	%100
36	M47	Z	.94	.94	0	%100
37	M48A	X	.107	.107	0	%100
38	M48A	Z	.185	.185	0	%100
39	M49A	X	.273	.273	0	%100
40	M49A	Z	.473	.473	0	%100
41	M50A	X	.273	.273	0	%100
42	M50A	Z	.473	.473	0	%100
43	M52A	X	0	0	0	%100
44	M52A	Z	0	0	0	%100
45	M53A	X	.181	.181	0	%100
46	M53A	Z	.313	.313	0	%100
47	M55	X	.543	.543	0	%100
48	M55	Z	.94	.94	0	%100
49	M56B	X	.181	.181	0	%100
50	M56B	Z	.313	.313	0	%100
51	M57	X	0	0	0	%100
52	M57	Z	0	0	0	%100
53	M60	X	.301	.301	0	%100
54	M60	Z	.521	.521	0	%100
55	M62	X	0	0	0	%100
56	M62	Z	0	0	0	%100
57	M67A	X	.317	.317	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	M67A	Z	.548	.548	0	%100
59	M77	X	0	0	0	%100
60	M77	Z	0	0	0	%100
61	M79	X	.543	.543	0	%100
62	M79	Z	.94	.94	0	%100
63	M80	X	.543	.543	0	%100
64	M80	Z	.94	.94	0	%100
65	M81	X	.107	.107	0	%100
66	M81	Z	.185	.185	0	%100
67	M82	X	.273	.273	0	%100
68	M82	Z	.473	.473	0	%100
69	M83	X	.273	.273	0	%100
70	M83	Z	.473	.473	0	%100
71	M85	X	.543	.543	0	%100
72	M85	Z	.94	.94	0	%100
73	M86	X	.181	.181	0	%100
74	M86	Z	.313	.313	0	%100
75	M88A	X	0	0	0	%100
76	M88A	Z	0	0	0	%100
77	M89A	X	.181	.181	0	%100
78	M89A	Z	.313	.313	0	%100
79	M90A	X	.301	.301	0	%100
80	M90A	Z	.521	.521	0	%100
81	M93	X	0	0	0	%100
82	M93	Z	0	0	0	%100
83	M95	X	.215	.215	0	%100
84	M95	Z	.372	.372	0	%100
85	M100	X	0	0	0	%100
86	M100	Z	0	0	0	%100
87	M101	X	.25	.25	0	%100
88	M101	Z	.433	.433	0	%100
89	M102	X	.25	.25	0	%100
90	M102	Z	.433	.433	0	%100
91	MP4A	X	.286	.286	0	%100
92	MP4A	Z	.496	.496	0	%100
93	MP3A	X	.286	.286	0	%100
94	MP3A	Z	.496	.496	0	%100
95	MP2A	X	.286	.286	0	%100
96	MP2A	Z	.496	.496	0	%100
97	MP1A	X	.286	.286	0	%100
98	MP1A	Z	.496	.496	0	%100
99	M106	X	.29	.29	0	%100
100	M106	Z	.502	.502	0	%100
101	M111	X	.46	.46	0	%100
102	M111	Z	.797	.797	0	%100
103	M114	X	.29	.29	0	%100
104	M114	Z	.502	.502	0	%100
105	MP3C	X	.286	.286	0	%100
106	MP3C	Z	.496	.496	0	%100
107	MP2C	X	.286	.286	0	%100
108	MP2C	Z	.496	.496	0	%100
109	MP1C	X	.286	.286	0	%100
110	MP1C	Z	.496	.496	0	%100
111	MP4C	X	.286	.286	0	%100
112	MP4C	Z	.496	.496	0	%100
113	MP3B	X	.286	.286	0	%100
114	MP3B	Z	.496	.496	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
115	MP2B	X	.286	.286	0	%100
116	MP2B	Z	.496	.496	0	%100
117	MP1B	X	.286	.286	0	%100
118	MP1B	Z	.496	.496	0	%100
119	MP4B	X	.286	.286	0	%100
120	MP4B	Z	.496	.496	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	.844	.844	0	%100
3	M41	X	0	0	0	%100
4	M41	Z	.362	.362	0	%100
5	M43	X	0	0	0	%100
6	M43	Z	1.447	1.447	0	%100
7	M44	X	0	0	0	%100
8	M44	Z	.362	.362	0	%100
9	M45A	X	0	0	0	%100
10	M45A	Z	.639	.639	0	%100
11	M46A	X	0	0	0	%100
12	M46A	Z	.182	.182	0	%100
13	M47A	X	0	0	0	%100
14	M47A	Z	.182	.182	0	%100
15	M49	X	0	0	0	%100
16	M49	Z	1.447	1.447	0	%100
17	M50	X	0	0	0	%100
18	M50	Z	1.085	1.085	0	%100
19	M52	X	0	0	0	%100
20	M52	Z	.362	.362	0	%100
21	M53	X	0	0	0	%100
22	M53	Z	1.085	1.085	0	%100
23	M56	X	0	0	0	%100
24	M56	Z	.802	.802	0	%100
25	M67	X	0	0	0	%100
26	M67	Z	.2	.2	0	%100
27	M88	X	0	0	0	%100
28	M88	Z	.573	.573	0	%100
29	M34	X	0	0	0	%100
30	M34	Z	.211	.211	0	%100
31	M44A	X	0	0	0	%100
32	M44A	Z	1.447	1.447	0	%100
33	M46	X	0	0	0	%100
34	M46	Z	.362	.362	0	%100
35	M47	X	0	0	0	%100
36	M47	Z	.362	.362	0	%100
37	M48A	X	0	0	0	%100
38	M48A	Z	.639	.639	0	%100
39	M49A	X	0	0	0	%100
40	M49A	Z	.182	.182	0	%100
41	M50A	X	0	0	0	%100
42	M50A	Z	.182	.182	0	%100
43	M52A	X	0	0	0	%100
44	M52A	Z	.362	.362	0	%100
45	M53A	X	0	0	0	%100
46	M53A	Z	1.085	1.085	0	%100
47	M55	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
48	M55	Z	1.447	1.447	0	%100
49	M56B	X	0	0	0	%100
50	M56B	Z	1.085	1.085	0	%100
51	M57	X	0	0	0	%100
52	M57	Z	.2	.2	0	%100
53	M60	X	0	0	0	%100
54	M60	Z	.802	.802	0	%100
55	M62	X	0	0	0	%100
56	M62	Z	.143	.143	0	%100
57	M67A	X	0	0	0	%100
58	M67A	Z	.211	.211	0	%100
59	M77	X	0	0	0	%100
60	M77	Z	.362	.362	0	%100
61	M79	X	0	0	0	%100
62	M79	Z	.362	.362	0	%100
63	M80	X	0	0	0	%100
64	M80	Z	1.447	1.447	0	%100
65	M81	X	0	0	0	%100
66	M81	Z	0	0	0	%100
67	M82	X	0	0	0	%100
68	M82	Z	.728	.728	0	%100
69	M83	X	0	0	0	%100
70	M83	Z	.728	.728	0	%100
71	M85	X	0	0	0	%100
72	M85	Z	.362	.362	0	%100
73	M86	X	0	0	0	%100
74	M86	Z	0	0	0	%100
75	M88A	X	0	0	0	%100
76	M88A	Z	.362	.362	0	%100
77	M89A	X	0	0	0	%100
78	M89A	Z	0	0	0	%100
79	M90A	X	0	0	0	%100
80	M90A	Z	.2	.2	0	%100
81	M93	X	0	0	0	%100
82	M93	Z	.2	.2	0	%100
83	M95	X	0	0	0	%100
84	M95	Z	.143	.143	0	%100
85	M100	X	0	0	0	%100
86	M100	Z	.167	.167	0	%100
87	M101	X	0	0	0	%100
88	M101	Z	.167	.167	0	%100
89	M102	X	0	0	0	%100
90	M102	Z	.666	.666	0	%100
91	MP4A	X	0	0	0	%100
92	MP4A	Z	.573	.573	0	%100
93	MP3A	X	0	0	0	%100
94	MP3A	Z	.573	.573	0	%100
95	MP2A	X	0	0	0	%100
96	MP2A	Z	.573	.573	0	%100
97	MP1A	X	0	0	0	%100
98	MP1A	Z	.573	.573	0	%100
99	M106	X	0	0	0	%100
100	M106	Z	.466	.466	0	%100
101	M111	X	0	0	0	%100
102	M111	Z	.807	.807	0	%100
103	M114	X	0	0	0	%100
104	M114	Z	.807	.807	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
105	MP3C	X	0	0	0	%100
106	MP3C	Z	.573	.573	0	%100
107	MP2C	X	0	0	0	%100
108	MP2C	Z	.573	.573	0	%100
109	MP1C	X	0	0	0	%100
110	MP1C	Z	.573	.573	0	%100
111	MP4C	X	0	0	0	%100
112	MP4C	Z	.573	.573	0	%100
113	MP3B	X	0	0	0	%100
114	MP3B	Z	.573	.573	0	%100
115	MP2B	X	0	0	0	%100
116	MP2B	Z	.573	.573	0	%100
117	MP1B	X	0	0	0	%100
118	MP1B	Z	.573	.573	0	%100
119	MP4B	X	0	0	0	%100
120	MP4B	Z	.573	.573	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-.317	-.317	0	%100
2	M1	Z	.548	.548	0	%100
3	M41	X	0	0	0	%100
4	M41	Z	0	0	0	%100
5	M43	X	-.543	-.543	0	%100
6	M43	Z	.94	.94	0	%100
7	M44	X	-.543	-.543	0	%100
8	M44	Z	.94	.94	0	%100
9	M45A	X	-.107	-.107	0	%100
10	M45A	Z	.185	.185	0	%100
11	M46A	X	-.273	-.273	0	%100
12	M46A	Z	.473	.473	0	%100
13	M47A	X	-.273	-.273	0	%100
14	M47A	Z	.473	.473	0	%100
15	M49	X	-.543	-.543	0	%100
16	M49	Z	.94	.94	0	%100
17	M50	X	-.181	-.181	0	%100
18	M50	Z	.313	.313	0	%100
19	M52	X	0	0	0	%100
20	M52	Z	0	0	0	%100
21	M53	X	-.181	-.181	0	%100
22	M53	Z	.313	.313	0	%100
23	M56	X	-.301	-.301	0	%100
24	M56	Z	.521	.521	0	%100
25	M67	X	0	0	0	%100
26	M67	Z	0	0	0	%100
27	M88	X	-.215	-.215	0	%100
28	M88	Z	.372	.372	0	%100
29	M34	X	-.317	-.317	0	%100
30	M34	Z	.548	.548	0	%100
31	M44A	X	-.543	-.543	0	%100
32	M44A	Z	.94	.94	0	%100
33	M46	X	-.543	-.543	0	%100
34	M46	Z	.94	.94	0	%100
35	M47	X	0	0	0	%100
36	M47	Z	0	0	0	%100
37	M48A	X	-.426	-.426	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
38	M48A	Z	.738	.738	0	%100
39	M49A	X	0	0	0	%100
40	M49A	Z	0	0	0	%100
41	M50A	X	0	0	0	%100
42	M50A	Z	0	0	0	%100
43	M52A	X	-.543	-.543	0	%100
44	M52A	Z	.94	.94	0	%100
45	M53A	X	-.724	-.724	0	%100
46	M53A	Z	1.253	1.253	0	%100
47	M55	X	-.543	-.543	0	%100
48	M55	Z	.94	.94	0	%100
49	M56B	X	-.724	-.724	0	%100
50	M56B	Z	1.253	1.253	0	%100
51	M57	X	-.301	-.301	0	%100
52	M57	Z	.521	.521	0	%100
53	M60	X	-.301	-.301	0	%100
54	M60	Z	.521	.521	0	%100
55	M62	X	-.215	-.215	0	%100
56	M62	Z	.372	.372	0	%100
57	M67A	X	0	0	0	%100
58	M67A	Z	0	0	0	%100
59	M77	X	-.543	-.543	0	%100
60	M77	Z	.94	.94	0	%100
61	M79	X	0	0	0	%100
62	M79	Z	0	0	0	%100
63	M80	X	-.543	-.543	0	%100
64	M80	Z	.94	.94	0	%100
65	M81	X	-.107	-.107	0	%100
66	M81	Z	.185	.185	0	%100
67	M82	X	-.273	-.273	0	%100
68	M82	Z	.473	.473	0	%100
69	M83	X	-.273	-.273	0	%100
70	M83	Z	.473	.473	0	%100
71	M85	X	0	0	0	%100
72	M85	Z	0	0	0	%100
73	M86	X	-.181	-.181	0	%100
74	M86	Z	.313	.313	0	%100
75	M88A	X	-.543	-.543	0	%100
76	M88A	Z	.94	.94	0	%100
77	M89A	X	-.181	-.181	0	%100
78	M89A	Z	.313	.313	0	%100
79	M90A	X	0	0	0	%100
80	M90A	Z	0	0	0	%100
81	M93	X	-.301	-.301	0	%100
82	M93	Z	.521	.521	0	%100
83	M95	X	0	0	0	%100
84	M95	Z	0	0	0	%100
85	M100	X	-.25	-.25	0	%100
86	M100	Z	.433	.433	0	%100
87	M101	X	0	0	0	%100
88	M101	Z	0	0	0	%100
89	M102	X	-.25	-.25	0	%100
90	M102	Z	.433	.433	0	%100
91	MP4A	X	-.286	-.286	0	%100
92	MP4A	Z	.496	.496	0	%100
93	MP3A	X	-.286	-.286	0	%100
94	MP3A	Z	.496	.496	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
95	MP2A	X	-.286	-.286	0	%100
96	MP2A	Z	.496	.496	0	%100
97	MP1A	X	-.286	-.286	0	%100
98	MP1A	Z	.496	.496	0	%100
99	M106	X	-.29	-.29	0	%100
100	M106	Z	.502	.502	0	%100
101	M111	X	-.29	-.29	0	%100
102	M111	Z	.502	.502	0	%100
103	M114	X	-.46	-.46	0	%100
104	M114	Z	.797	.797	0	%100
105	MP3C	X	-.286	-.286	0	%100
106	MP3C	Z	.496	.496	0	%100
107	MP2C	X	-.286	-.286	0	%100
108	MP2C	Z	.496	.496	0	%100
109	MP1C	X	-.286	-.286	0	%100
110	MP1C	Z	.496	.496	0	%100
111	MP4C	X	-.286	-.286	0	%100
112	MP4C	Z	.496	.496	0	%100
113	MP3B	X	-.286	-.286	0	%100
114	MP3B	Z	.496	.496	0	%100
115	MP2B	X	-.286	-.286	0	%100
116	MP2B	Z	.496	.496	0	%100
117	MP1B	X	-.286	-.286	0	%100
118	MP1B	Z	.496	.496	0	%100
119	MP4B	X	-.286	-.286	0	%100
120	MP4B	Z	.496	.496	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-.183	-.183	0	%100
2	M1	Z	.106	.106	0	%100
3	M41	X	-.313	-.313	0	%100
4	M41	Z	.181	.181	0	%100
5	M43	X	-.313	-.313	0	%100
6	M43	Z	.181	.181	0	%100
7	M44	X	-1.253	-1.253	0	%100
8	M44	Z	.724	.724	0	%100
9	M45A	X	0	0	0	%100
10	M45A	Z	0	0	0	%100
11	M46A	X	-.631	-.631	0	%100
12	M46A	Z	.364	.364	0	%100
13	M47A	X	-.631	-.631	0	%100
14	M47A	Z	.364	.364	0	%100
15	M49	X	-.313	-.313	0	%100
16	M49	Z	.181	.181	0	%100
17	M50	X	0	0	0	%100
18	M50	Z	0	0	0	%100
19	M52	X	-.313	-.313	0	%100
20	M52	Z	.181	.181	0	%100
21	M53	X	0	0	0	%100
22	M53	Z	0	0	0	%100
23	M56	X	-.174	-.174	0	%100
24	M56	Z	.1	.1	0	%100
25	M67	X	-.174	-.174	0	%100
26	M67	Z	.1	.1	0	%100
27	M88	X	-.124	-.124	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
28	M88	Z	.072	.072	0	%100
29	M34	X	-.731	-.731	0	%100
30	M34	Z	.422	.422	0	%100
31	M44A	X	-.313	-.313	0	%100
32	M44A	Z	.181	.181	0	%100
33	M46	X	-1.253	-1.253	0	%100
34	M46	Z	.724	.724	0	%100
35	M47	X	-.313	-.313	0	%100
36	M47	Z	.181	.181	0	%100
37	M48A	X	-.554	-.554	0	%100
38	M48A	Z	.32	.32	0	%100
39	M49A	X	-.158	-.158	0	%100
40	M49A	Z	.091	.091	0	%100
41	M50A	X	-.158	-.158	0	%100
42	M50A	Z	.091	.091	0	%100
43	M52A	X	-1.253	-1.253	0	%100
44	M52A	Z	.724	.724	0	%100
45	M53A	X	-.94	-.94	0	%100
46	M53A	Z	.543	.543	0	%100
47	M55	X	-.313	-.313	0	%100
48	M55	Z	.181	.181	0	%100
49	M56B	X	-.94	-.94	0	%100
50	M56B	Z	.543	.543	0	%100
51	M57	X	-.694	-.694	0	%100
52	M57	Z	.401	.401	0	%100
53	M60	X	-.174	-.174	0	%100
54	M60	Z	.1	.1	0	%100
55	M62	X	-.496	-.496	0	%100
56	M62	Z	.286	.286	0	%100
57	M67A	X	-.183	-.183	0	%100
58	M67A	Z	.106	.106	0	%100
59	M77	X	-1.253	-1.253	0	%100
60	M77	Z	.724	.724	0	%100
61	M79	X	-.313	-.313	0	%100
62	M79	Z	.181	.181	0	%100
63	M80	X	-.313	-.313	0	%100
64	M80	Z	.181	.181	0	%100
65	M81	X	-.554	-.554	0	%100
66	M81	Z	.32	.32	0	%100
67	M82	X	-.158	-.158	0	%100
68	M82	Z	.091	.091	0	%100
69	M83	X	-.158	-.158	0	%100
70	M83	Z	.091	.091	0	%100
71	M85	X	-.313	-.313	0	%100
72	M85	Z	.181	.181	0	%100
73	M86	X	-.94	-.94	0	%100
74	M86	Z	.543	.543	0	%100
75	M88A	X	-1.253	-1.253	0	%100
76	M88A	Z	.724	.724	0	%100
77	M89A	X	-.94	-.94	0	%100
78	M89A	Z	.543	.543	0	%100
79	M90A	X	-.174	-.174	0	%100
80	M90A	Z	.1	.1	0	%100
81	M93	X	-.694	-.694	0	%100
82	M93	Z	.401	.401	0	%100
83	M95	X	-.124	-.124	0	%100
84	M95	Z	.072	.072	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
85	M100	X	-.577	-.577	0	%100
86	M100	Z	.333	.333	0	%100
87	M101	X	-.144	-.144	0	%100
88	M101	Z	.083	.083	0	%100
89	M102	X	-.144	-.144	0	%100
90	M102	Z	.083	.083	0	%100
91	MP4A	X	-.496	-.496	0	%100
92	MP4A	Z	.286	.286	0	%100
93	MP3A	X	-.496	-.496	0	%100
94	MP3A	Z	.286	.286	0	%100
95	MP2A	X	-.496	-.496	0	%100
96	MP2A	Z	.286	.286	0	%100
97	MP1A	X	-.496	-.496	0	%100
98	MP1A	Z	.286	.286	0	%100
99	M106	X	-.699	-.699	0	%100
100	M106	Z	.404	.404	0	%100
101	M111	X	-.404	-.404	0	%100
102	M111	Z	.233	.233	0	%100
103	M114	X	-.699	-.699	0	%100
104	M114	Z	.404	.404	0	%100
105	MP3C	X	-.496	-.496	0	%100
106	MP3C	Z	.286	.286	0	%100
107	MP2C	X	-.496	-.496	0	%100
108	MP2C	Z	.286	.286	0	%100
109	MP1C	X	-.496	-.496	0	%100
110	MP1C	Z	.286	.286	0	%100
111	MP4C	X	-.496	-.496	0	%100
112	MP4C	Z	.286	.286	0	%100
113	MP3B	X	-.496	-.496	0	%100
114	MP3B	Z	.286	.286	0	%100
115	MP2B	X	-.496	-.496	0	%100
116	MP2B	Z	.286	.286	0	%100
117	MP1B	X	-.496	-.496	0	%100
118	MP1B	Z	.286	.286	0	%100
119	MP4B	X	-.496	-.496	0	%100
120	MP4B	Z	.286	.286	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M41	X	-1.085	-1.085	0	%100
4	M41	Z	0	0	0	%100
5	M43	X	0	0	0	%100
6	M43	Z	0	0	0	%100
7	M44	X	-1.085	-1.085	0	%100
8	M44	Z	0	0	0	%100
9	M45A	X	-.213	-.213	0	%100
10	M45A	Z	0	0	0	%100
11	M46A	X	-.546	-.546	0	%100
12	M46A	Z	0	0	0	%100
13	M47A	X	-.546	-.546	0	%100
14	M47A	Z	0	0	0	%100
15	M49	X	0	0	0	%100
16	M49	Z	0	0	0	%100
17	M50	X	-.362	-.362	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
18	M50	Z	0	0	0	%100
19	M52	X	-1.085	-1.085	0	%100
20	M52	Z	0	0	0	%100
21	M53	X	-.362	-.362	0	%100
22	M53	Z	0	0	0	%100
23	M56	X	0	0	0	%100
24	M56	Z	0	0	0	%100
25	M67	X	-.601	-.601	0	%100
26	M67	Z	0	0	0	%100
27	M88	X	0	0	0	%100
28	M88	Z	0	0	0	%100
29	M34	X	-.633	-.633	0	%100
30	M34	Z	0	0	0	%100
31	M44A	X	0	0	0	%100
32	M44A	Z	0	0	0	%100
33	M46	X	-1.085	-1.085	0	%100
34	M46	Z	0	0	0	%100
35	M47	X	-1.085	-1.085	0	%100
36	M47	Z	0	0	0	%100
37	M48A	X	-.213	-.213	0	%100
38	M48A	Z	0	0	0	%100
39	M49A	X	-.546	-.546	0	%100
40	M49A	Z	0	0	0	%100
41	M50A	X	-.546	-.546	0	%100
42	M50A	Z	0	0	0	%100
43	M52A	X	-1.085	-1.085	0	%100
44	M52A	Z	0	0	0	%100
45	M53A	X	-.362	-.362	0	%100
46	M53A	Z	0	0	0	%100
47	M55	X	0	0	0	%100
48	M55	Z	0	0	0	%100
49	M56B	X	-.362	-.362	0	%100
50	M56B	Z	0	0	0	%100
51	M57	X	-.601	-.601	0	%100
52	M57	Z	0	0	0	%100
53	M60	X	0	0	0	%100
54	M60	Z	0	0	0	%100
55	M62	X	-.43	-.43	0	%100
56	M62	Z	0	0	0	%100
57	M67A	X	-.633	-.633	0	%100
58	M67A	Z	0	0	0	%100
59	M77	X	-1.085	-1.085	0	%100
60	M77	Z	0	0	0	%100
61	M79	X	-1.085	-1.085	0	%100
62	M79	Z	0	0	0	%100
63	M80	X	0	0	0	%100
64	M80	Z	0	0	0	%100
65	M81	X	-.852	-.852	0	%100
66	M81	Z	0	0	0	%100
67	M82	X	0	0	0	%100
68	M82	Z	0	0	0	%100
69	M83	X	0	0	0	%100
70	M83	Z	0	0	0	%100
71	M85	X	-1.085	-1.085	0	%100
72	M85	Z	0	0	0	%100
73	M86	X	-1.447	-1.447	0	%100
74	M86	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
75	M88A	X	-1.085	-1.085	0	%100
76	M88A	Z	0	0	0	%100
77	M89A	X	-1.447	-1.447	0	%100
78	M89A	Z	0	0	0	%100
79	M90A	X	-.601	-.601	0	%100
80	M90A	Z	0	0	0	%100
81	M93	X	-.601	-.601	0	%100
82	M93	Z	0	0	0	%100
83	M95	X	-.43	-.43	0	%100
84	M95	Z	0	0	0	%100
85	M100	X	-.5	-.5	0	%100
86	M100	Z	0	0	0	%100
87	M101	X	-.5	-.5	0	%100
88	M101	Z	0	0	0	%100
89	M102	X	0	0	0	%100
90	M102	Z	0	0	0	%100
91	MP4A	X	-.573	-.573	0	%100
92	MP4A	Z	0	0	0	%100
93	MP3A	X	-.573	-.573	0	%100
94	MP3A	Z	0	0	0	%100
95	MP2A	X	-.573	-.573	0	%100
96	MP2A	Z	0	0	0	%100
97	MP1A	X	-.573	-.573	0	%100
98	MP1A	Z	0	0	0	%100
99	M106	X	-.921	-.921	0	%100
100	M106	Z	0	0	0	%100
101	M111	X	-.58	-.58	0	%100
102	M111	Z	0	0	0	%100
103	M114	X	-.58	-.58	0	%100
104	M114	Z	0	0	0	%100
105	MP3C	X	-.573	-.573	0	%100
106	MP3C	Z	0	0	0	%100
107	MP2C	X	-.573	-.573	0	%100
108	MP2C	Z	0	0	0	%100
109	MP1C	X	-.573	-.573	0	%100
110	MP1C	Z	0	0	0	%100
111	MP4C	X	-.573	-.573	0	%100
112	MP4C	Z	0	0	0	%100
113	MP3B	X	-.573	-.573	0	%100
114	MP3B	Z	0	0	0	%100
115	MP2B	X	-.573	-.573	0	%100
116	MP2B	Z	0	0	0	%100
117	MP1B	X	-.573	-.573	0	%100
118	MP1B	Z	0	0	0	%100
119	MP4B	X	-.573	-.573	0	%100
120	MP4B	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-.183	-.183	0	%100
2	M1	Z	-.106	-.106	0	%100
3	M41	X	-1.253	-1.253	0	%100
4	M41	Z	-.724	-.724	0	%100
5	M43	X	-.313	-.313	0	%100
6	M43	Z	-.181	-.181	0	%100
7	M44	X	-.313	-.313	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
8	M44	Z	-.181	-.181	0	%100
9	M45A	X	-.554	-.554	0	%100
10	M45A	Z	-.32	-.32	0	%100
11	M46A	X	-.158	-.158	0	%100
12	M46A	Z	-.091	-.091	0	%100
13	M47A	X	-.158	-.158	0	%100
14	M47A	Z	-.091	-.091	0	%100
15	M49	X	-.313	-.313	0	%100
16	M49	Z	-.181	-.181	0	%100
17	M50	X	-.94	-.94	0	%100
18	M50	Z	-.543	-.543	0	%100
19	M52	X	-1.253	-1.253	0	%100
20	M52	Z	-.724	-.724	0	%100
21	M53	X	-.94	-.94	0	%100
22	M53	Z	-.543	-.543	0	%100
23	M56	X	-.174	-.174	0	%100
24	M56	Z	-.1	-.1	0	%100
25	M67	X	-.694	-.694	0	%100
26	M67	Z	-.401	-.401	0	%100
27	M88	X	-.124	-.124	0	%100
28	M88	Z	-.072	-.072	0	%100
29	M34	X	-.183	-.183	0	%100
30	M34	Z	-.106	-.106	0	%100
31	M44A	X	-.313	-.313	0	%100
32	M44A	Z	-.181	-.181	0	%100
33	M46	X	-.313	-.313	0	%100
34	M46	Z	-.181	-.181	0	%100
35	M47	X	-1.253	-1.253	0	%100
36	M47	Z	-.724	-.724	0	%100
37	M48A	X	0	0	0	%100
38	M48A	Z	0	0	0	%100
39	M49A	X	-.631	-.631	0	%100
40	M49A	Z	-.364	-.364	0	%100
41	M50A	X	-.631	-.631	0	%100
42	M50A	Z	-.364	-.364	0	%100
43	M52A	X	-.313	-.313	0	%100
44	M52A	Z	-.181	-.181	0	%100
45	M53A	X	0	0	0	%100
46	M53A	Z	0	0	0	%100
47	M55	X	-.313	-.313	0	%100
48	M55	Z	-.181	-.181	0	%100
49	M56B	X	0	0	0	%100
50	M56B	Z	0	0	0	%100
51	M57	X	-.174	-.174	0	%100
52	M57	Z	-.1	-.1	0	%100
53	M60	X	-.174	-.174	0	%100
54	M60	Z	-.1	-.1	0	%100
55	M62	X	-.124	-.124	0	%100
56	M62	Z	-.072	-.072	0	%100
57	M67A	X	-.731	-.731	0	%100
58	M67A	Z	-.422	-.422	0	%100
59	M77	X	-.313	-.313	0	%100
60	M77	Z	-.181	-.181	0	%100
61	M79	X	-1.253	-1.253	0	%100
62	M79	Z	-.724	-.724	0	%100
63	M80	X	-.313	-.313	0	%100
64	M80	Z	-.181	-.181	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
65	M81	X	-.554	-.554	0	%100
66	M81	Z	-.32	-.32	0	%100
67	M82	X	-.158	-.158	0	%100
68	M82	Z	-.091	-.091	0	%100
69	M83	X	-.158	-.158	0	%100
70	M83	Z	-.091	-.091	0	%100
71	M85	X	-1.253	-1.253	0	%100
72	M85	Z	-.724	-.724	0	%100
73	M86	X	-.94	-.94	0	%100
74	M86	Z	-.543	-.543	0	%100
75	M88A	X	-.313	-.313	0	%100
76	M88A	Z	-.181	-.181	0	%100
77	M89A	X	-.94	-.94	0	%100
78	M89A	Z	-.543	-.543	0	%100
79	M90A	X	-.694	-.694	0	%100
80	M90A	Z	-.401	-.401	0	%100
81	M93	X	-.174	-.174	0	%100
82	M93	Z	-.1	-.1	0	%100
83	M95	X	-.496	-.496	0	%100
84	M95	Z	-.286	-.286	0	%100
85	M100	X	-.144	-.144	0	%100
86	M100	Z	-.083	-.083	0	%100
87	M101	X	-.577	-.577	0	%100
88	M101	Z	-.333	-.333	0	%100
89	M102	X	-.144	-.144	0	%100
90	M102	Z	-.083	-.083	0	%100
91	MP4A	X	-.496	-.496	0	%100
92	MP4A	Z	-.286	-.286	0	%100
93	MP3A	X	-.496	-.496	0	%100
94	MP3A	Z	-.286	-.286	0	%100
95	MP2A	X	-.496	-.496	0	%100
96	MP2A	Z	-.286	-.286	0	%100
97	MP1A	X	-.496	-.496	0	%100
98	MP1A	Z	-.286	-.286	0	%100
99	M106	X	-.699	-.699	0	%100
100	M106	Z	-.404	-.404	0	%100
101	M111	X	-.699	-.699	0	%100
102	M111	Z	-.404	-.404	0	%100
103	M114	X	-.404	-.404	0	%100
104	M114	Z	-.233	-.233	0	%100
105	MP3C	X	-.496	-.496	0	%100
106	MP3C	Z	-.286	-.286	0	%100
107	MP2C	X	-.496	-.496	0	%100
108	MP2C	Z	-.286	-.286	0	%100
109	MP1C	X	-.496	-.496	0	%100
110	MP1C	Z	-.286	-.286	0	%100
111	MP4C	X	-.496	-.496	0	%100
112	MP4C	Z	-.286	-.286	0	%100
113	MP3B	X	-.496	-.496	0	%100
114	MP3B	Z	-.286	-.286	0	%100
115	MP2B	X	-.496	-.496	0	%100
116	MP2B	Z	-.286	-.286	0	%100
117	MP1B	X	-.496	-.496	0	%100
118	MP1B	Z	-.286	-.286	0	%100
119	MP4B	X	-.496	-.496	0	%100
120	MP4B	Z	-.286	-.286	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-.317	-.317	0	%100
2	M1	Z	-.548	-.548	0	%100
3	M41	X	-.543	-.543	0	%100
4	M41	Z	-.94	-.94	0	%100
5	M43	X	-.543	-.543	0	%100
6	M43	Z	-.94	-.94	0	%100
7	M44	X	0	0	0	%100
8	M44	Z	0	0	0	%100
9	M45A	X	-.426	-.426	0	%100
10	M45A	Z	-.738	-.738	0	%100
11	M46A	X	0	0	0	%100
12	M46A	Z	0	0	0	%100
13	M47A	X	0	0	0	%100
14	M47A	Z	0	0	0	%100
15	M49	X	-.543	-.543	0	%100
16	M49	Z	-.94	-.94	0	%100
17	M50	X	-.724	-.724	0	%100
18	M50	Z	-1.253	-1.253	0	%100
19	M52	X	-.543	-.543	0	%100
20	M52	Z	-.94	-.94	0	%100
21	M53	X	-.724	-.724	0	%100
22	M53	Z	-1.253	-1.253	0	%100
23	M56	X	-.301	-.301	0	%100
24	M56	Z	-.521	-.521	0	%100
25	M67	X	-.301	-.301	0	%100
26	M67	Z	-.521	-.521	0	%100
27	M88	X	-.215	-.215	0	%100
28	M88	Z	-.372	-.372	0	%100
29	M34	X	0	0	0	%100
30	M34	Z	0	0	0	%100
31	M44A	X	-.543	-.543	0	%100
32	M44A	Z	-.94	-.94	0	%100
33	M46	X	0	0	0	%100
34	M46	Z	0	0	0	%100
35	M47	X	-.543	-.543	0	%100
36	M47	Z	-.94	-.94	0	%100
37	M48A	X	-.107	-.107	0	%100
38	M48A	Z	-.185	-.185	0	%100
39	M49A	X	-.273	-.273	0	%100
40	M49A	Z	-.473	-.473	0	%100
41	M50A	X	-.273	-.273	0	%100
42	M50A	Z	-.473	-.473	0	%100
43	M52A	X	0	0	0	%100
44	M52A	Z	0	0	0	%100
45	M53A	X	-.181	-.181	0	%100
46	M53A	Z	-.313	-.313	0	%100
47	M55	X	-.543	-.543	0	%100
48	M55	Z	-.94	-.94	0	%100
49	M56B	X	-.181	-.181	0	%100
50	M56B	Z	-.313	-.313	0	%100
51	M57	X	0	0	0	%100
52	M57	Z	0	0	0	%100
53	M60	X	-.301	-.301	0	%100
54	M60	Z	-.521	-.521	0	%100
55	M62	X	0	0	0	%100
56	M62	Z	0	0	0	%100
57	M67A	X	-.317	-.317	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	M67A	Z	-.548	-.548	0	%100
59	M77	X	0	0	0	%100
60	M77	Z	0	0	0	%100
61	M79	X	-.543	-.543	0	%100
62	M79	Z	-.94	-.94	0	%100
63	M80	X	-.543	-.543	0	%100
64	M80	Z	-.94	-.94	0	%100
65	M81	X	-.107	-.107	0	%100
66	M81	Z	-.185	-.185	0	%100
67	M82	X	-.273	-.273	0	%100
68	M82	Z	-.473	-.473	0	%100
69	M83	X	-.273	-.273	0	%100
70	M83	Z	-.473	-.473	0	%100
71	M85	X	-.543	-.543	0	%100
72	M85	Z	-.94	-.94	0	%100
73	M86	X	-.181	-.181	0	%100
74	M86	Z	-.313	-.313	0	%100
75	M88A	X	0	0	0	%100
76	M88A	Z	0	0	0	%100
77	M89A	X	-.181	-.181	0	%100
78	M89A	Z	-.313	-.313	0	%100
79	M90A	X	-.301	-.301	0	%100
80	M90A	Z	-.521	-.521	0	%100
81	M93	X	0	0	0	%100
82	M93	Z	0	0	0	%100
83	M95	X	-.215	-.215	0	%100
84	M95	Z	-.372	-.372	0	%100
85	M100	X	0	0	0	%100
86	M100	Z	0	0	0	%100
87	M101	X	-.25	-.25	0	%100
88	M101	Z	-.433	-.433	0	%100
89	M102	X	-.25	-.25	0	%100
90	M102	Z	-.433	-.433	0	%100
91	MP4A	X	-.286	-.286	0	%100
92	MP4A	Z	-.496	-.496	0	%100
93	MP3A	X	-.286	-.286	0	%100
94	MP3A	Z	-.496	-.496	0	%100
95	MP2A	X	-.286	-.286	0	%100
96	MP2A	Z	-.496	-.496	0	%100
97	MP1A	X	-.286	-.286	0	%100
98	MP1A	Z	-.496	-.496	0	%100
99	M106	X	-.29	-.29	0	%100
100	M106	Z	-.502	-.502	0	%100
101	M111	X	-.46	-.46	0	%100
102	M111	Z	-.797	-.797	0	%100
103	M114	X	-.29	-.29	0	%100
104	M114	Z	-.502	-.502	0	%100
105	MP3C	X	-.286	-.286	0	%100
106	MP3C	Z	-.496	-.496	0	%100
107	MP2C	X	-.286	-.286	0	%100
108	MP2C	Z	-.496	-.496	0	%100
109	MP1C	X	-.286	-.286	0	%100
110	MP1C	Z	-.496	-.496	0	%100
111	MP4C	X	-.286	-.286	0	%100
112	MP4C	Z	-.496	-.496	0	%100
113	MP3B	X	-.286	-.286	0	%100
114	MP3B	Z	-.496	-.496	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
115	MP2B	X	-.286	-.286	0	%100
116	MP2B	Z	-.496	-.496	0	%100
117	MP1B	X	-.286	-.286	0	%100
118	MP1B	Z	-.496	-.496	0	%100
119	MP4B	X	-.286	-.286	0	%100
120	MP4B	Z	-.496	-.496	0	%100

Member Area Loads

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

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

	Member	Shape	Code C...	Loc[ft]	LC	Shear ...	Loc[ft]	Dir	LC	phi*Pnc [lb]	phi*Pnt [lb]	phi*Mn y-...	phi*Mn z-...	Cb	Eqn
1	M1	PIPE_3.0	.098	7.943	16	.086	8.333		7	28250.554	65205	5.749	5.749	2....	H1-1b
2	M41	PL1/2x6	.038	.125	2	.103	0	y	20	95014.386	97200	1.012	12.15	1....	H1-1b
3	M43	PL1/2x6	.041	.125	9	.118	.25	y	34	95014.386	97200	1.012	12.15	2....	H1-1b
4	M44	PL1/2x6	.116	.499	9	.084	.499	y	18	67613.233	97200	1.012	12.15	1....	H1-1b
5	M45A	HSS4X4X4	.117	5.08	12	.055	5.08	y	18	125232.2...	139518	16.181	16.181	2....	H1-1b
6	M46A	HSS4X4X4	.126	0	20	.038	2.082	y	34	136092.7...	139518	16.181	16.181	1....	H1-1b
7	M47A	HSS4X4X4	.138	0	22	.042	0	y	17	136092.7...	139518	16.181	16.181	1....	H1-1b
8	M49	PL1/2x6	.118	.164	3	.152	0	y	22	94230.602	97200	1.012	12.15	1....	H1-1b
9	M50	PL1/2x6	.197	.224	6	.220	.224	y	15	90056.94	97200	1.012	12.15	3....	H1-1b
10	M52	PL1/2x6	.121	0	12	.177	0	y	20	94230.602	97200	1.012	12.15	1....	H1-1b
11	M53	PL1/2x6	.268	.224	12	.142	.224	y	15	90056.94	97200	1.012	12.15	2....	H1-1b
12	M56	L2x2x3	.129	0	8	.010	0	z	18	9921.076	23392.8	.558	1.194	1....	H2-1
13	M67	L2x2x3	.138	0	10	.009	0	y	24	9921.062	23392.8	.558	1.195	1....	H2-1
14	M88	PIPE_2.0	.265	7.943	7	.115	11.458		6	6295.422	32130	1.872	1.872	3....	H1-1b
15	M34	PIPE_3.0	.098	7.943	24	.087	8.333		3	28250.554	65205	5.749	5.749	2....	H1-1b
16	M44A	PL1/2x6	.039	.125	11	.105	0	y	16	95014.386	97200	1.012	12.15	1....	H1-1b
17	M46	PL1/2x6	.041	.125	5	.077	.25	y	6	95014.386	97200	1.012	12.15	2....	H1-1b
18	M47	PL1/2x6	.116	.499	5	.084	.499	y	14	67613.233	97200	1.012	12.15	1....	H1-1b
19	M48A	HSS4X4X4	.107	5.081	2	.081	5.081	y	38	125232.2...	139518	16.181	16.181	2....	H1-1b
20	M49A	HSS4X4X4	.125	0	16	.028	0	y	21	136092.7...	139518	16.181	16.181	1....	H1-1b
21	M50A	HSS4X4X4	.135	0	18	.045	2.082	y	40	136092.7...	139518	16.181	16.181	1....	H1-1b
22	M52A	PL1/2x6	.119	.164	11	.150	0	y	18	94230.602	97200	1.012	12.15	1....	H1-1b
23	M53A	PL1/2x6	.187	.224	2	.216	.224	y	23	90056.94	97200	1.012	12.15	3....	H1-1b
24	M55	PL1/2x6	.109	0	8	.174	0	y	16	94230.602	97200	1.012	12.15	1....	H1-1b
25	M56B	PL1/2x6	.240	.224	8	.138	.224	y	23	90056.94	97200	1.012	12.15	2....	H1-1b
26	M57	L2x2x3	.128	0	4	.010	0	z	14	9921.076	23392.8	.558	1.195	1....	H2-1
27	M60	L2x2x3	.131	0	6	.009	0	y	20	9921.062	23392.8	.558	1.194	1....	H2-1
28	M62	PIPE_2.0	.255	7.943	3	.114	11.458		2	6295.422	32130	1.872	1.872	3....	H1-1b
29	M67A	PIPE_3.0	.095	7.943	19	.084	8.333		11	28250.554	65205	5.749	5.749	2....	H1-1b
30	M77	PL1/2x6	.038	.125	1	.105	0	y	24	95014.386	97200	1.012	12.15	2....	H1-1b
31	M79	PL1/2x6	.041	.125	1	.077	.25	y	2	95014.386	97200	1.012	12.15	2....	H1-1b
32	M80	PL1/2x6	.118	.499	1	.084	.499	y	22	67613.233	97200	1.012	12.15	1....	H1-1b
33	M81	HSS4X4X4	.117	5.08	10	.052	5.08	y	22	125232.2...	139518	16.181	16.181	2....	H1-1b
34	M82	HSS4X4X4	.127	0	24	.029	0	y	17	136092.7...	139518	16.181	16.181	1....	H1-1b
35	M83	HSS4X4X4	.136	0	14	.042	0	y	21	136092.7...	139518	16.181	16.181	1....	H1-1b
36	M85	PL1/2x6	.122	.164	7	.153	0	y	14	94230.602	97200	1.012	12.15	1....	H1-1b
37	M86	PL1/2x6	.208	.224	10	.220	.224	y	20	90056.94	97200	1.012	12.15	3....	H1-1b
38	M88A	PL1/2x6	.116	0	4	.175	0	y	24	94230.602	97200	1.012	12.15	1....	H1-1b
39	M89A	PL1/2x6	.256	.224	4	.141	.224	y	19	90056.94	97200	1.012	12.15	2....	H1-1b
40	M90A	L2x2x3	.132	0	12	.010	0	z	22	9921.076	23392.8	.558	1.195	1....	H2-1
41	M93	L2x2x3	.131	0	2	.009	0	y	16	9921.062	23392.8	.558	1.194	1....	H2-1

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

	Member	Shape	Code C...	Loc[ft]	LC	Shear ...	Loc[ft]	Dir	LC	phi*Pnc [lb]	phi*Pnt [lb]	phi*Mn y-...	phi*Mn z-...	Cb	Eqn
42	M95	PIPE_2.0	.259	7.943	11	.115	11.458		10	6295.422	32130	1.872	1.872	3....	H1-1b
43	M100	L2.5x2.5x3	.362	1.113	11	.060	0	y	6	27576.866	29192.4	.873	1.972	1....	H2-1
44	M101	L2.5x2.5x3	.376	1.113	7	.061	0	y	2	27576.866	29192.4	.873	1.972	1....	H2-1
45	M102	L2.5x2.5x3	.374	1.113	3	.061	0	y	10	27576.866	29192.4	.873	1.972	1....	H2-1
46	MP4A	PIPE_2.0	.243	4.667	10	.141	.667		7	14916.096	32130	1.872	1.872	2....	H1-1b
47	MP3A	PIPE_2.0	.322	4.667	10	.120	4.667		8	14916.096	32130	1.872	1.872	2....	H1-1b
48	MP2A	PIPE_2.0	.322	4.667	10	.139	4.667		4	14916.096	32130	1.872	1.872	2....	H1-1b
49	MP1A	PIPE_2.0	.264	4.667	5	.160	.667		7	14916.096	32130	1.872	1.872	2....	H1-1b
50	M106	LL2.5x2.5x3x3	.062	4.161	13	.003	0	y	22	44634.514	58320	3.954	2.55	1	H1-1b*
51	M111	LL2.5x2.5x3x3	.061	4.161	21	.004	4.161	y	18	44634.514	58320	3.954	2.55	1	H1-1b*
52	M114	LL2.5x2.5x3x3	.061	4.161	17	.003	0	y	14	44634.514	58320	3.954	2.55	1	H1-1b*
53	MP3C	PIPE_2.0	.317	4.667	6	.119	4.667		4	14916.096	32130	1.872	1.872	2....	H1-1b
54	MP2C	PIPE_2.0	.334	4.667	11	.140	4.667		12	14916.096	32130	1.872	1.872	2....	H1-1b
55	MP1C	PIPE_2.0	.266	4.667	12	.160	.667		3	14916.096	32130	1.872	1.872	2....	H1-1b
56	MP4C	PIPE_2.0	.247	4.667	5	.144	.667		3	14916.096	32130	1.872	1.872	2....	H1-1b
57	MP3B	PIPE_2.0	.329	4.667	3	.119	4.667		12	14916.096	32130	1.872	1.872	2....	H1-1b
58	MP2B	PIPE_2.0	.341	4.667	7	.100	1.917		9	14916.096	32130	1.872	1.872	2....	H1-1b
59	MP1B	PIPE_2.0	.266	4.667	9	.156	.667		11	14916.096	32130	1.872	1.872	2....	H1-1b
60	MP4B	PIPE_2.0	.243	4.667	2	.139	.667		11	14916.096	32130	1.872	1.872	2....	H1-1b

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	N87	max	2984.131	10	1182.135	15	1004.42	1	.031	7	1.327	12	-.355	10
2		min	-1690.843	4	358.723	9	-1761.872	7	-.803	25	-1.32	6	-1.25	16
3	N90	max	1530.775	11	1161.334	23	1177.261	1	-.155	7	1.201	8	.949	22
4		min	-2792.047	5	326.771	5	-1902.06	7	-1.156	37	-1.186	2	.212	4
5	N150A	max	1197.922	10	1177.639	19	3288.325	1	1.261	19	1.333	4	.305	22
6		min	-1195.131	4	342.129	1	-1788.976	7	.35	1	-1.318	10	-.112	4
7	N189	max	30.203	10	1522.088	13	105.87	7	.381	13	.008	4	0	10
8		min	-30.181	4	-62.732	7	-2295.111	13	-.016	7	-.008	10	0	4
9	N205	max	85.398	3	1509.813	21	1138.124	21	.007	3	.008	12	.013	3
10		min	-1971.007	21	-58.062	3	-49.296	3	-.189	21	-.008	6	-.327	21
11	N209	max	1977.31	17	1514.406	17	1141.496	17	.011	11	.008	8	.328	17
12		min	-128.312	11	-89.914	11	-74.079	11	-.189	17	-.008	2	-.019	11
13	Totals:	max	4242.661	10	7435.516	21	4144.464	1						
14		min	-4242.66	4	2285.691	66	-4144.462	7						

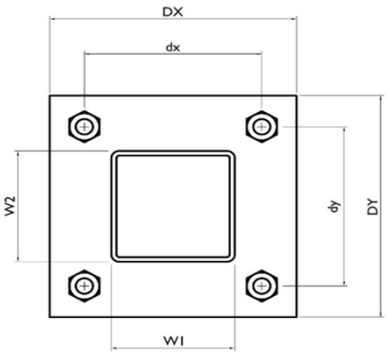
VzW SMART Tool© Vendor

Client:	Verizon Wireless	Date:	8/3/2023
Site Name:	Burlington SW CT-A		
MDG #:	5000063849		
Fuze ID #:	17123840	Page:	1

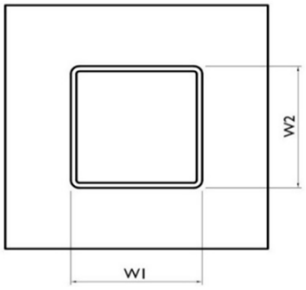
Version 1.01

I. Mount-to-Tower Connection Check

Custom Orientation Required	No
Tower Connection Bolt Checks	Yes
Bolt Orientation	Parallel
Bolt Quantity per Reaction:	4
d_x (in) *(Delta X of typ. bolt config. sketch)* :	6
d_y (in) *(Delta Y of typ. bolt config. sketch)* :	6
Bolt Type:	A325N
Bolt Diameter (in):	0.625
Required Tensile Strength / bolt (kips):	2.1
Required Shear Strength / bolt (kips):	0.5
Tensile Capacity / bolt (kips):	20.7
Shear Capacity / bolt (kips):	12.4
Bolt Overall Utilization:	**10.0%**



Tower Connection Baseplate Checks	Yes
Connecting Standoff Member Shape:	Rect Tube
Weld Stiffener Configuration:	No Stiffeners
Plate Width, D_x (in):	8
Plate Height, D_y (in):	8
W1(in):	4
W2 (in):	4
Member Thickness (in):	0.25
Stiffener location a_1 (in):	
Stiffener location b_1 (in):	
Stiffener location a_2 (in):	
Stiffener location b_2 (in):	
F_y (ksi, plate):	36
Plate Thickness (in):	0.75
Length of Yield Line, L_y (in):	5.85
Bolt Eccentricity, e (in):	1.65
M_u (kip-in):	3.41
Phi*M_n (kip-in):	26.65
Plate Bending Utilization:	**12.8%**



VzW SMART Tool© Vendor

Client:	Verizon Wireless	Date:	8/3/2023
Site Name:	Burlington SW CT-A		
PSLC #:	5000063849		
Fuze ID #:	17123840	Page:	2

Version 1.01

Tower Connection Weld Checks	Yes

Weld Shape:	Rectangle
Weld Stiffener Configuration:	None
Stiffener Notch Length, n (in):	
Weld Size (1/16 in):	4
W1 (in):	4
W2 (in):	4
Weld Total Length (in):	16.00
Z_x (in^3/in):	21.33
Z_y (in^3/in):	21.33
J_p (in^4/in):	85.33
c_x (in)	2.25
c_y (in)	2.25
Required combined strength (kip/in):	0.76
Weld Capacity (kip/in):	5.57
Weld Utilization:	**13.7%**

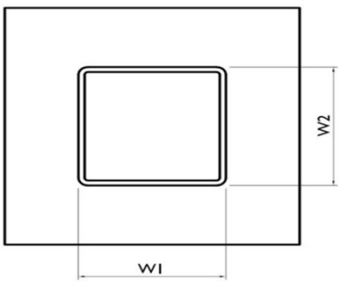


EXHIBIT 5

326 TRYON ROAD
RALEIGH, NC 27607
919.661.6351
WWW.TEPGROUP.NET

Non-Ionizing Electromagnetic Radiation (NIER) Study

Site Number:
209185

Site Name:
Burlington 2

Location:
Burlington, Connecticut

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

Prepared For:

American Tower, Inc.
Woburn, Massachusetts

October 18th, 2023

260045 P408684

Prepared By:

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

Approved By:

TOWER ENGINEERING PROFESSIONALS

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TOWER ENGINEERING PROFESSIONALS

326 TRYON ROAD
RALEIGH, NC 27607
919.661.6351
WWW.TEPGROUP.NET

Non-Ionizing Electromagnetic Radiation (NIER) Study

209185 Burlington 2
Burlington, 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 209185 Burlington 2 is located at 87 Monce Rd., in Burlington, Connecticut at coordinates 41.739191, -72.907819. 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), T-Mobile (T-Mobile), & Verizon Wireless (VZW). A table listing all antennae and effective radiated power (ERP) levels that were used in this study may be found in Appendix 2, Antenna Inventory.

POWER DENSITY CALCULATIONS

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

For the purpose of this study, a radius of 200' from the base of the tower with a height of 6' above ground level was used, beyond 200' 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 209185 Burlington 2.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 .1 Antenna Inventory

209185 Burlington 2							
Antenna Inventory							
Antenna #	Carrier	Antenna Manufacturer	Antenna Model	Frequency Band (MHz)	Azmiuth (°)	Effective Radiated Power (W)	Radiation Center (ft)
1	AT&T	CCI	HPA-65R-BUU-H8	700/1800/1900	000	34759	110.0
2	AT&T	CCI	HPA-65R-BUU-H8	700/1800/1900	120	34759	110.0
3	AT&T	CCI	HPA-65R-BUU-H8	700/1800/1900	240	34759	110.0
4	AT&T	CCI	HPA-65R-BUU-H8	700/1800/1900	000	34759	110.0
5	AT&T	CCI	HPA-65R-BUU-H8	700/1800/1900	120	34759	110.0
6	AT&T	CCI	HPA-65R-BUU-H8	700/1800/1900	240	34759	110.0
7	AT&T	CCI	HPA-65R-BUU-H8	700/1800/1900	000	34759	110.0
8	AT&T	CCI	HPA-65R-BUU-H8	700/1800/1900	120	34759	110.0
9	AT&T	CCI	HPA-65R-BUU-H8	700/1800/1900	240	34759	110.0
10	AT&T	CCI	HPA-65R-BUU-H8	700/1800/1900	000	34759	110.0
11	AT&T	CCI	HPA-65R-BUU-H8	700/1800/1900	120	34759	110.0
12	AT&T	CCI	HPA-65R-BUU-H8	700/1800/1900	240	34759	110.0
13	T-Mobile	RFS	APX16DWV	700	000	7000	100.0
14	T-Mobile	RFS	APX16DWV	700	120	7000	100.0
15	T-Mobile	RFS	APX16DWV	700	240	7000	100.0
16	T-Mobile	Ericsson	Air 32	2500/2600	000	20300	100.0
17	T-Mobile	Ericsson	Air 32	2500/2600	120	20300	100.0
18	T-Mobile	Ericsson	Air 32	2500/2600	240	20300	100.0
19	T-Mobile	RFS	APXVAALL24	600/1900/2100	020	23200	120.0
20	T-Mobile	RFS	APXVAALL24	600/1900/2100	110	23200	120.0
21	T-Mobile	RFS	APXVAALL24	600/1900/2100	290	23200	120.0

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Appendix 2 .2 Antenna Inventory

209185 Burlington 2							
Antenna Inventory							
Antenna #	Carrier	Antenna Manufacturer	Antenna Model	Frequency Band (MHz)	Azmiuth (°)	Effective Radiated Power (W)	Radiation Center (ft)
22	T-Mobile	Ericsson	Air 32	2500/2600	000	20300	100.0
23	T-Mobile	Ericsson	Air 32	2500/2600	120	20300	100.0
24	T-Mobile	Ericsson	Air 32	2500/2600	240	20300	100.0
25	T-Mobile	RFS	APX16DWV	700	000	7000	100.0
26	T-Mobile	RFS	APX16DWV	700	120	7000	100.0
27	T-Mobile	RFS	APX16DWV	700	240	7000	100.0
28	T-Mobile	RFS	APXVAALL24	600/1900/2100	020	23200	120.0
29	T-Mobile	RFS	APXVAALL24	600/1900/2100	110	23200	120.0
30	T-Mobile	RFS	APXVAALL24	600/1900/2100	290	23200	120.0
31	Verizon	Commscope	NHH-65B-R2B	700/800/1900/2100	050	16690	91.0
32	Verizon	Commscope	NHH-65B-R2B	700/800/1900/2100	170	16690	91.0
33	Verizon	Commscope	NHH-65B-R2B	700/800/1900/2100	300	16690	91.0
34	Verizon	Commscope	NHHSS-65B-R2BT	700/800/1900/2100	050	16690	91.0
35	Verizon	Commscope	NHHSS-65B-R2BT	700/800/1900/2100	170	16690	91.0
36	Verizon	Commscope	NHHSS-65B-R2BT	700/800/1900/2100	300	16690	91.0
37	Verizon	Samsung	MT6407	3700/3800/3900	050	18286	91.0
38	Verizon	Samsung	MT6407	3700/3800/3900	170	18286	91.0
39	Verizon	Samsung	MT6407	3700/3800/3900	300	18286	91.0
40	Dish	JMA	MX08FRO665-21	600/1900/2000/2100	000	48332	70.0
41	Dish	JMA	MX08FRO665-21	600/1900/2000/2100	120	48332	70.0
42	Dish	JMA	MX08FRO665-21	600/1900/2000/2100	240	48332	70.0

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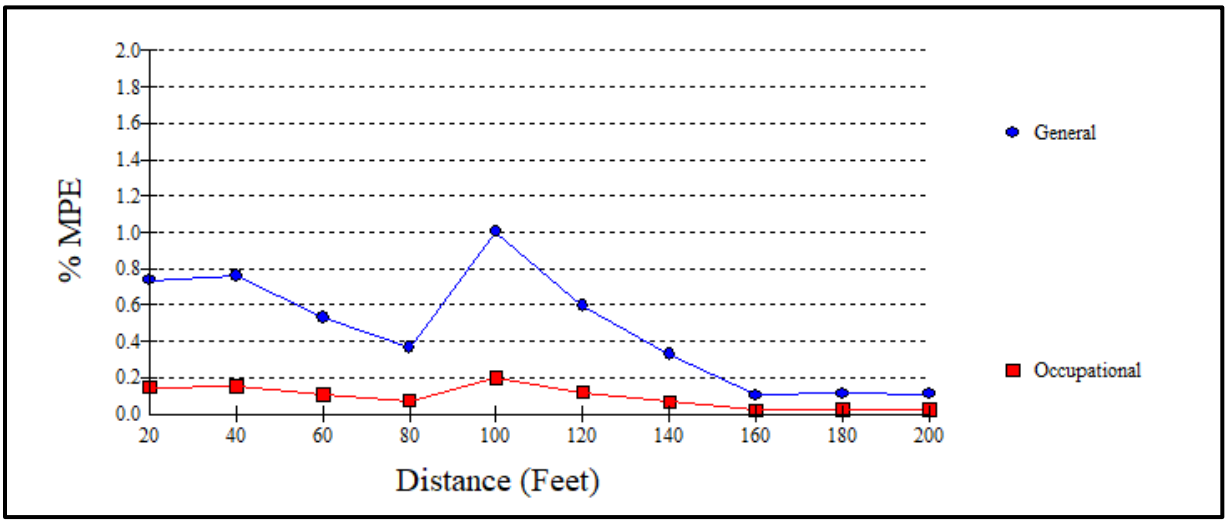
Appendix 3.1 MPE Limit Study



Maximum Power Density (@100'):	0.0061 mW/cm²
General Population MPE (@100'):	1.0034%
Occupational MPE (@10'):	0.2007%

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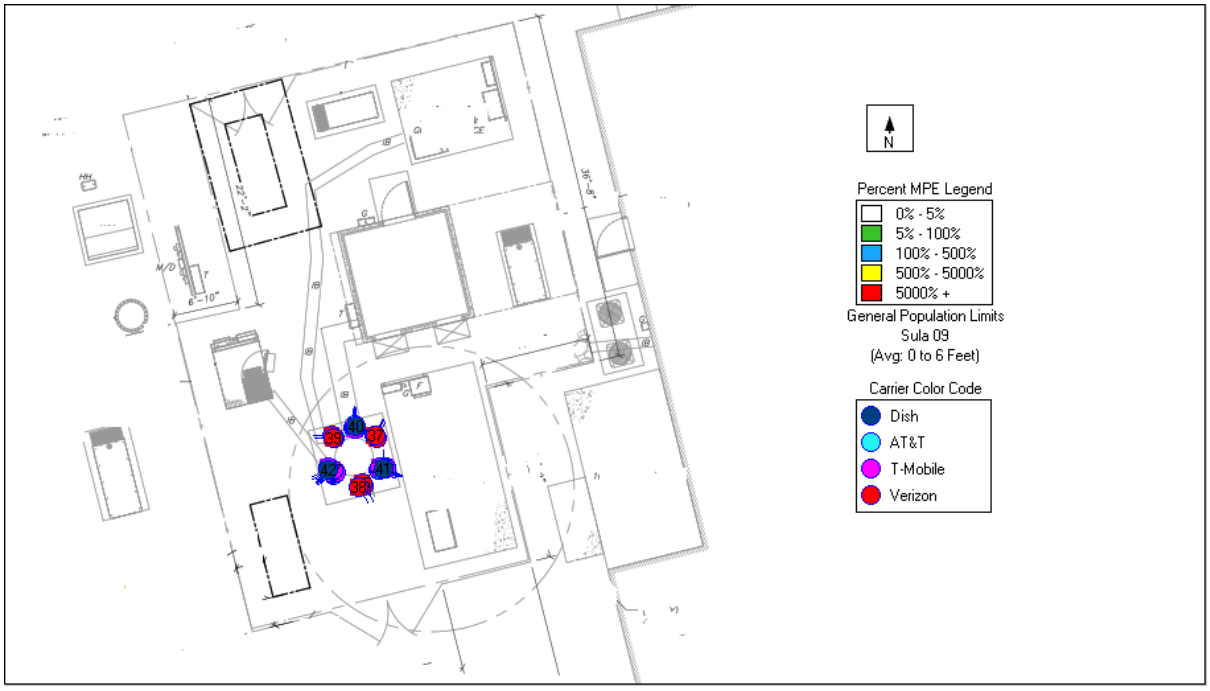
Appendix 3.2 MPE Limit Study



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Appendix 4 Information Pertaining to MPE Studies

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

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

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

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

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

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

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

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Appendix 5 MPE Standards Methodology

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

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

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

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

f = frequency

* = Plane-wave equivalent power density

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

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

f = frequency

* = Plane-wave equivalent power density

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

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

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

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

Cylindrical Model (Near Field Predictions)

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

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

Where:

S = Power Density

P = Total Power into antenna

R = Distance from the antenna

L = Antenna aperture length

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

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

Where:

S = Power Density

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

P = Total Power into antenna

R = Distance from the antenna

L = Antenna aperture length

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

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Spherical Model (Far Field Predictions)

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

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

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

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

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

Where:

S = Power Density

EIRP = Effective Radiated Power from antenna

Rc = Reflection Coefficient (2.56)

R = Distance from the antenna

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

EXHIBIT 6

Town of Burlington

August 15, 2014

Hartford Courant
Classified Department – Legal
Via email: Publicnotices@courant.com

To Whom It May Concern:

Please publish the following legal notice **ONCE** upon receipt in Zone 5 section of your newspaper**.** Thank you.

NOTICE OF DECISION
TOWN OF BURLINGTON
PLANNING & ZONING COMMISSION

The Planning and Zoning Commission at its August 14, 2014 regular meeting took the following action:

Approved: Application 2062-Tharau-Special Use Permit-Dog Grooming-281 Spielman Highway.
IN FAVOR: Miller, Lostocco, Franciamore, Dahle, DiPaola, DiChiara, Parente. OPPOSED, none. ABSTAINED, none.

Approved: Application 2063-Burlington Volunteer Fire Department-Site plan approval & Special Use Permit for new firehouse building to replace existing building and telecommunications tower-87 Monce Road.
IN FAVOR**:** Miller, Lostocco, Franciamore, Dahle, DiPaola, DiChiara, Parente. OPPOSED, none. ABSTAINED, none.

Approved: Application 2061-Lamothe-Special Use Permit-Indoor shooting range-713 George Washington Tpke.
IN FAVOR**:** Miller, Lostocco, Franciamore, Dahle, DiPaola, DiChiara, Parente. OPPOSED, none. ABSTAINED, none.

Richard Miller, Chairman
Planning & Zoning Commission
Dated this 14th Day of August 2014

Please forward an affidavit of publication with tearsheet to the Planning and Zoning Commission, ATTN:Allison Yudelson, 200 Spielman Highway, Burlington, CT, 06013.

Cc: Town Clerk
File 2062
File 2063
File 2061

EXHIBIT 7

From: UPS
To: Barbara Kassabian
Subject: UPS Delivery Notification, Tracking Number 1Z9Y45030331255145
Date: Wednesday, November 1, 2023 11:43:41 AM

Hello, your package has been delivered.

Delivery Date: Wednesday, 11/01/2023
Delivery Time: 11:41 AM
Signed by: LONG

CENTERLINE SITE ACQUISITION

Tracking Number:	1Z9Y45030331255145
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:	14519475

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From: UPS
To: Barbara Kassabian
Subject: UPS Delivery Notification, Tracking Number 1Z9Y45030330530929
Date: Tuesday, October 31, 2023 11:55:01 AM

Hello, your package has been delivered.

Delivery Date: Tuesday, 10/31/2023
Delivery Time: 11:53 AM
Left At: INSIDE DELIV
Signed by: MARY

CENTERLINE SITE ACQUISITION

Tracking Number:	1Z9Y45030330530929
Ship To:	TOWN OF BURLINGTON 200 SPIELMAN HIGHWAY BURLINGTON, CT 060131735 US
Number of Packages:	1
UPS Service:	UPS Ground
Package Weight:	1.0 LBS
Reference Number:	14519475

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Read Compass Online

From: UPS
To: Barbara Kassabian
Subject: UPS Delivery Notification, Tracking Number 1Z9Y45030320746537
Date: Tuesday, October 31, 2023 11:55:00 AM

Hello, your package has been delivered.

Delivery Date: Tuesday, 10/31/2023
Delivery Time: 11:53 AM
Left At: INSIDE DELIV
Signed by: MARY

CENTERLINE SITE ACQUISITION

Tracking Number:	1Z9Y45030320746537
Ship To:	TOWN OF BURLINGTON 200 SPIELMAN HIGHWAY BURLINGTON, CT 060131735 US
Number of Packages:	1
UPS Service:	UPS Ground
Package Weight:	1.0 LBS
Reference Number:	14519475

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Remove ×

Tracking Number:

9505513170423304467120

Copy Add to Informed Delivery

Latest Update

Your item has been delivered and is available at a PO Box at 7:08 pm on November 2, 2023 in HOUSTON, TX 77057.

Get More Out of USPS Tracking:

USPS Tracking Plus®

Delivered

Delivered, PO Box

HOUSTON, TX 77057

November 2, 2023, 7:08 pm

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Product Information ⌄

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