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 13, 2023

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

RE: Notice of Exempt Modification // Site: BEACON FALLS CT (ATC: 302524)
664 Rimmon Hill Road, Beacon Falls CT 06483
N 41.40719444 // W -73.0793

Dear Ms. Bachman,

Cellco Partnership d/b/a Verizon Wireless currently maintains fifteen (15) antenna at the 140-ft level on the existing 173ft Tower, located at 664 Rimmon Hill Road, Beacon Falls, CT. The tower is owned by American Tower. Verizon Wireless proposed modification involves the installation of two (2) interference mitigation filters on Verizon Wireless existing antenna platform and mounting assembly.

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

The planned modifications to the facility fall squarely within those activities explicitly provided for in R.C.S.A. § 16-50j-72(b)(2). Enclosed to accommodate this filing are construction drawings dated September 12, 2023, by A.T Engineering Services, LLC, a structural analysis dated September 8, 2023, by American Tower Corp., and a structural mount analysis by Colliers Engineering and Design dated July 21, 2023, and Non-Ionizing Electromagnetic Radiation (NIER) Study dated September 25, 2023, by Tower Engineering Professionals.

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

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

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

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

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

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

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

Sincerely,

Derek Maheux

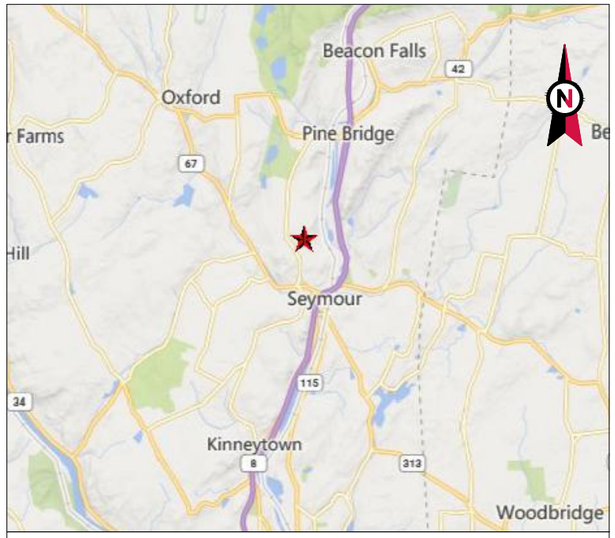
_____

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

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

cc: Gerard Smith – First Selectman – Chief Elected Official
Keith Rosenfield– Town Planner - as P&Z official
American Tower Corporation - as tower owner
Weed Family LLC – as ground owner

EXHIBIT 1



VICINITY MAP

AMERICAN TOWER®

ATC SITE NAME: BEACON FALLS
ATC SITE NUMBER: 302524
VERIZON SITE NAME: BEACON FALLS CT
VERIZON SITE NUMBER: 5000383631
SITE ADDRESS: 664 RIMMON HILL ROAD
SEYMOUR, CT 06483

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:	118 MPH
BASIC WIND SPEED W/ ICE:	50 MPH
CODE(S):	ANSI/TIA-222-H / 2021 IBC / 2022 CONNECTICUT STATE BUILDING CODE
EXPOSURE CATEGORY:	B
RISK CATEGORY:	II
TOPO FACTOR PROCEDURE:	METHOD 1
TOPOGRAPHIC CATEGORY:	1
SPECTRAL RESPONSE:	S_S=0.20, S_1=0.05
SITE CLASS:	D

INFORMATION TAKEN FROM STRUCTURAL ANALYSIS COMPLETED BY ATC, DATED 09/08/23.

UTILITY COMPANIES

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

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

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

PROJECT SUMMARY

SITE ADDRESS:

664 RIMMON HILL ROAD
SEYMOUR, CT 06483
COUNTY: NEW HAVEN

GEOGRAPHIC COORDINATES:

LATITUDE: 41.40719444
LONGITUDE: -73.0793
GROUND ELEVATION: 420' 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:

WEED FAMILY LLC
664 RIMMON HILL ROAD
SEYMOUR, CT 06483

PROJECT DESCRIPTION

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

INSTALL (2) FILTERS

EXISTING (15) ANTENNA(s), (6) RRH(s), (3) DIPLEXER(s), (1) OVP(s),(10) 1-5/8" COAX AND (2) 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 HARTFORD TAKE I-84 WEST TO RT 8 S TO EXIT 22. TURN RIGHT ON RT 67 AND FOLLOW TO OLD STREET AND TURN RIGHT. AT FORK GO TO RIGHT ONTO RIMMON HILL RD. GO UP HILL AND JUST PAST THE BEACON FALLS TOWN LINE SIGN THERE'S A FARM ON THE RIGHT (#664). TURN RIGHT ONTO FARM'S ACCESS ROAD AND FOLLOW TO REAR. TOWER AT END OF ROAD

SHEET INDEX

SHEET NO:	DESCRIPTION:	REV:	DATE:	BY:
G-001	TITLE SHEET	0	09/12/23	JRD
G-002	GENERAL NOTES	0	09/12/23	JRD
C-101	DETAILED SITE PLAN	0	09/12/23	JRD
C-201	TOWER ELEVATION	0	09/12/23	JRD
C-401	ANTENNA INFORMATION & SCHEDULE	0	09/12/23	JRD
C-501	CONSTRUCTION DETAILS	0	09/12/23	JRD
E-501	GROUNDING DETAILS	0	09/12/23	JRD
R-601	SUPPLEMENTAL			

CONTRACTOR PMI REQUIREMENTS

PMI ACCESSED AT:	HTTPS://PMI.VZWSMART.COM
SMART TOOL VENDOR PROJECT NUMBER:	10207596
VZW LOCATION CODE (PSLC):	5000383631

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

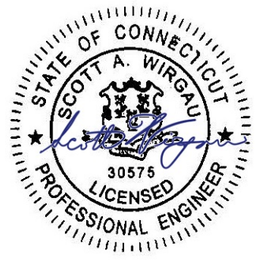
MOUNT MODIFICATION REQUIRED:	NO
VZW APPROVED SMART KIT VENDORS:	REFER TO MOUNT MODIFICATION DRAWINGS PAGES FOR VZW SMART KIT APPROVED VENDORS

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

REV.	DESCRIPTION	BY	DATE
0	FOR CONSTRUCTION	JRD	09/12/23

ATC SITE NUMBER:
302524
ATC SITE NAME:
BEACON FALLS
VERIZON SITE NAME:
BEACON FALLS CT
SITE ADDRESS:
664 RIMMON HILL ROAD
SEYMOUR, CT 06483

SEAL:



verizon

ATC JOB NO:	14519430_G0
CUSTOMER ID:	BEACON FALLS CT
CUSTOMER #:	5000383631

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	JRD	09/12/23

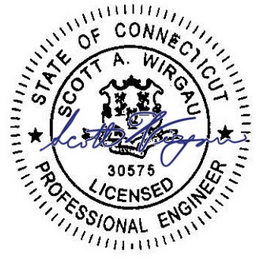
ATC SITE NUMBER:
302524

ATC SITE NAME:
BEACON FALLS

VERIZON SITE NAME:
BEACON FALLS CT

SITE ADDRESS:
664 RIMMON HILL ROAD
SEYMOUR, CT 06483

SEAL:



Digitally Signed: 2023-09-13

verizon

ATC JOB NO:	14519430_G0
CUSTOMER ID:	BEACON FALLS CT
CUSTOMER #:	5000383631

GENERAL NOTES

SHEET NUMBER:	REVISION:
G-002	0

SITE PLAN NOTES:

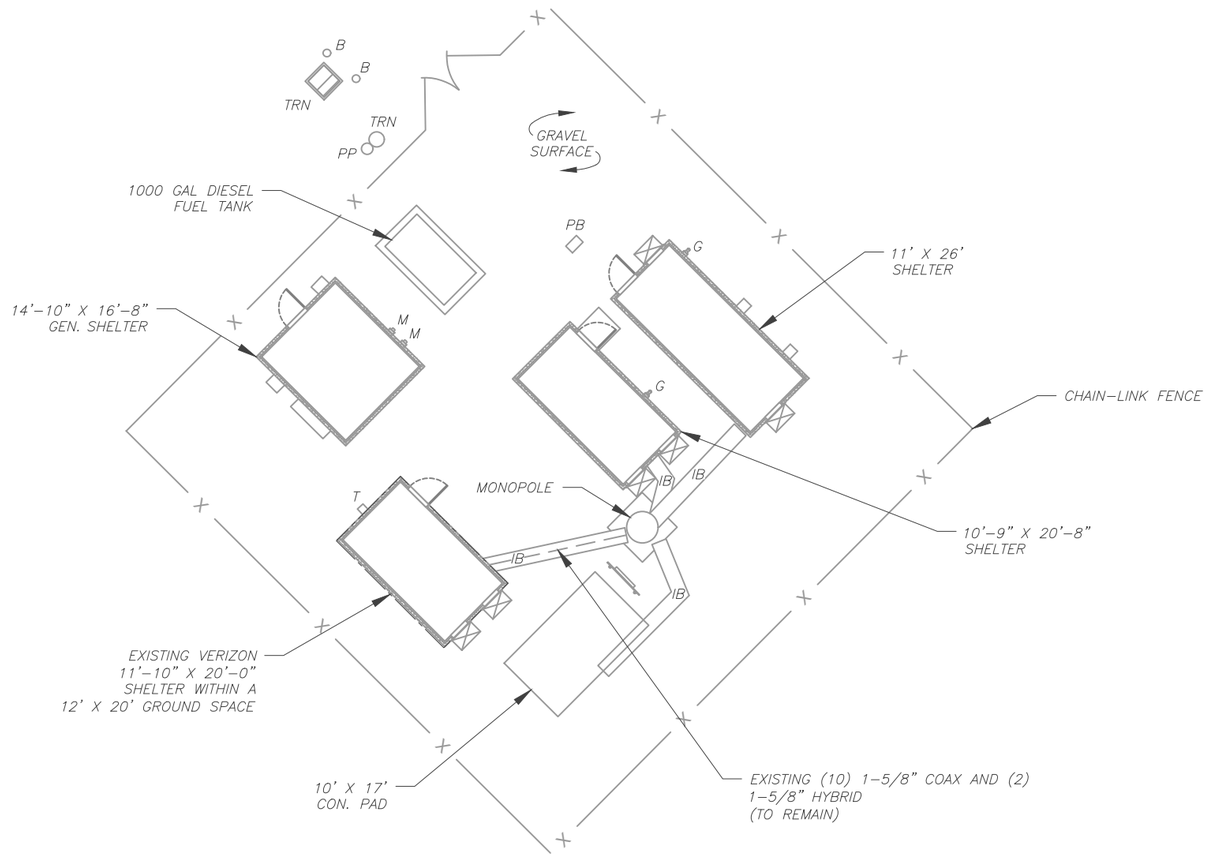
1. THIS SITE PLAN REPRESENTS THE BEST PRESENT KNOWLEDGE AVAILABLE TO THE ENGINEER AT THE TIME OF THIS DESIGN. THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO CONSTRUCTION AND VERIFY ALL EXISTING CONDITIONS RELATED TO THE SCOPE OF WORK FOR THIS PROJECT.

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

20 0 10 20

(IN FEET)
1 UNIT = 20 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	JRD	09/12/23

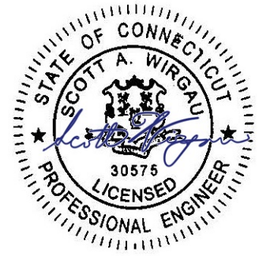
ATC SITE NUMBER:
302524

ATC SITE NAME:
BEACON FALLS

VERIZON SITE NAME:
BEACON FALLS CT

SITE ADDRESS:
664 RIMMON HILL ROAD
SEYMOUR, CT 06483

SEAL:



Digitally Signed: 2023-09-13

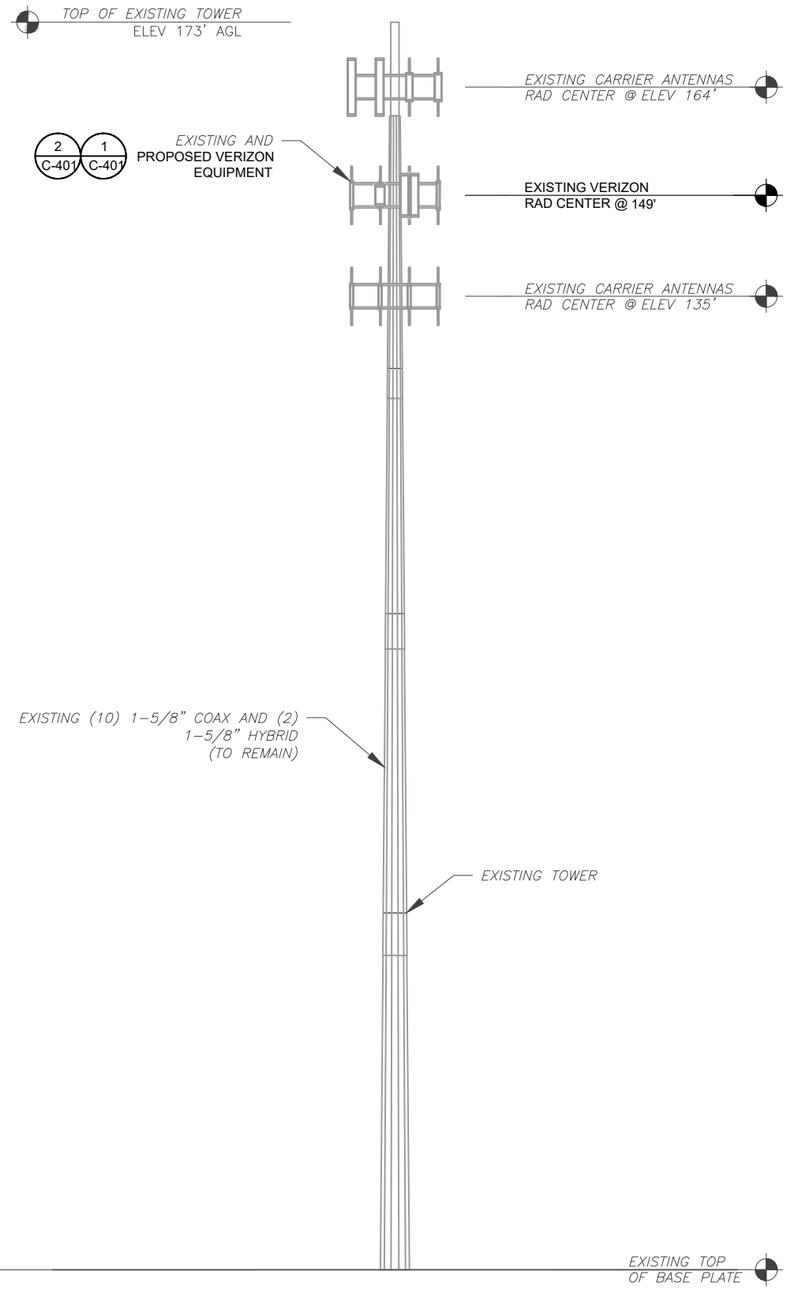
verizon

ATC JOB NO:	14519430_G0
CUSTOMER ID:	BEACON FALLS CT
CUSTOMER #:	5000383631

DETAILED SITE PLAN

SHEET NUMBER:	REVISION:
C-101	0

PER MOUNT ANALYSIS COMPLETED BY COLLIERS ENGINEERING & DESIGN, DATED 07/21/23, THE EXISTING MOUNT CAN ADEQUATELY SUPPORT THE PROPOSED LOADING.



1 TOWER ELEVATION
SCALE: N.T.S.

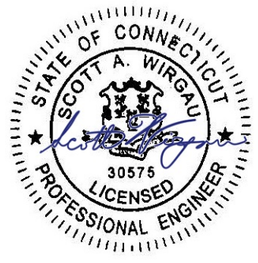
TOWER NOTE:
1. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONFIRM WITH THE PROJECT MANAGER THAT THEY HAVE THE MOST RECENT VERSION OF THE STRUCTURAL ANALYSIS BEFORE COMMENCING WORK. EXISTING AND PROPOSED TOWER APPURTENANCES, MOUNTS, AND ANTENNAS ARE SHOWN BASED ON THE STRUCTURAL ANALYSIS.
2. WHERE APPLICABLE,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

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

REV.	DESCRIPTION	BY	DATE
0	FOR CONSTRUCTION	JRD	09/12/23

ATC SITE NUMBER:
302524
ATC SITE NAME:
BEACON FALLS
VERIZON SITE NAME:
BEACON FALLS CT
SITE ADDRESS:
664 RIMMON HILL ROAD
SEYMOUR, CT 06483

SEAL:



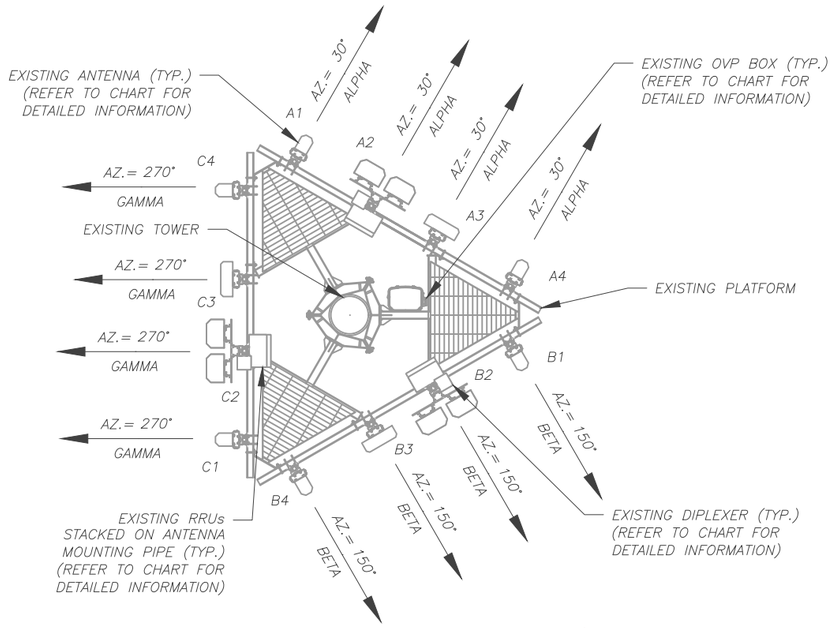
Digitally Signed: 2023-09-13

verizon

ATC JOB NO:	14519430_G0
CUSTOMER ID:	BEACON FALLS CT
CUSTOMER #:	5000383631

TOWER ELEVATION

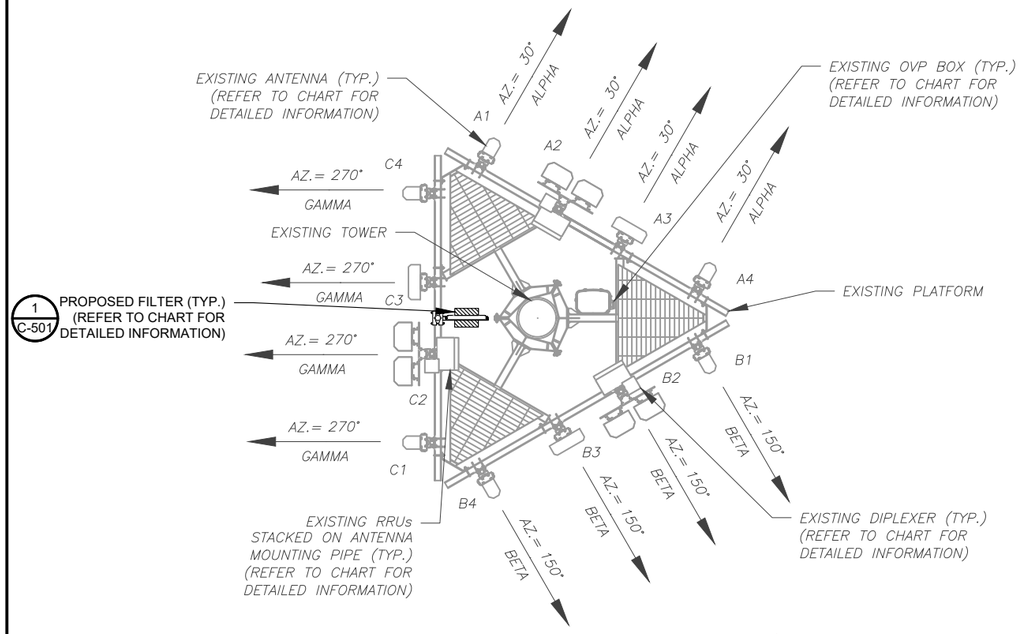
SHEET NUMBER: C-201
REVISION: 0



1 EXISTING ANTENNA PLAN

SCALE: N.T.S.

PER MOUNT ANALYSIS COMPLETED BY COLLIERS ENGINEERING & DESIGN, DATED 07/21/23, THE EXISTING MOUNT CAN ADEQUATELY SUPPORT THE PROPOSED LOADING.



2 FINAL ANTENNA PLAN

SCALE: N.T.S.

EXISTING ANTENNA SCHEDULE

LOCATION			ANTENNA SUMMARY				NON ANTENNA SUMMARY	
SECTOR	RAD	AZ	POS	ANTENNA	BAND	STATUS	ADDITIONAL TOWER MOUNTED EQUIPMENT	STATUS
ALPHA	149'	30°	A1	DB844H80E-XY	CDMA	RMN	–	–
			A2	(2) JAHH-65B-R3B	LTE 700/850/1900/AWS	RMN	B2/B66A RRH-BR049 B5/B13 RRH-BR04C CBC78T-DS-43-2X	RMN RMN RMN
			A3	MT6407-77A	5G L-SUB6	RMN	–	–
			A4	DB844H80E-XY	CDMA	RMN	–	–
BETA	149'	150°	B1	DB844H80E-XY	CDMA	RMN	–	–
			B2	(2) JAHH-65B-R3B	LTE 700/850/1900/AWS	RMN	B2/B66A RRH-BR049 B5/B13 RRH-BR04C CBC78T-DS-43-2X	RMN RMN RMN
			B3	MT6407-77A	5G L-SUB6	RMN	–	–
			B4	DB844H80E-XY	CDMA	RMN	–	–
GAMMA	149'	270°	C1	DB844H80E-XY	CDMA	RMN	–	–
			C2	(2) JAHH-65B-R3B	LTE 700/850/1900/AWS	RMN	B2/B66A RRH-BR049 B5/B13 RRH-BR04C CBC78T-DS-43-2X	RMN RMN RMN
			C3	MT6407-77A	5G L-SUB6	RMN	–	–
			C4	DB844H80E-XY	CDMA	RMN	–	–

NOTES

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

STATUS ABBREVIATIONS

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

CABLE LENGTHS FOR JUMPERS

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

FINAL ANTENNA SCHEDULE

LOCATION			ANTENNA SUMMARY				NON ANTENNA SUMMARY	
SECTOR	RAD	AZ	POS	ANTENNA	BAND	STATUS	ADDITIONAL TOWER MOUNTED EQUIPMENT	STATUS
ALPHA	149'	30°	A1	DB844H80E-XY	CDMA	RMN	–	–
			A2	(2) JAHH-65B-R3B	LTE 700/850/1900/AWS	RMN	B2/B66A RRH-BR049 B5/B13 RRH-BR04C CBC78T-DS-43-2X	RMN RMN RMN
			A3	MT6407-77A	5G L-SUB6	RMN	–	–
			A4	DB844H80E-XY	CDMA	RMN	–	–
BETA	149'	150°	B1	DB844H80E-XY	CDMA	RMN	–	–
			B2	(2) JAHH-65B-R3B	LTE 700/850/1900/AWS	RMN	B2/B66A RRH-BR049 B5/B13 RRH-BR04C CBC78T-DS-43-2X	RMN RMN RMN
			B3	MT6407-77A	5G L-SUB6	RMN	–	–
			B4	DB844H80E-XY	CDMA	RMN	–	–
GAMMA	149'	270°	C1	DB844H80E-XY	CDMA	RMN	–	–
			C2	(2) JAHH-65B-R3B	LTE 700/850/1900/AWS	RMN	(2) KA-6030 B2/B66A RRH-BR049 B5/B13 RRH-BR04C CBC78T-DS-43-2X	ADD RMN RMN RMN
			C3	MT6407-77A	5G L-SUB6	RMN	–	–
			C4	DB844H80E-XY	CDMA	RMN	–	–

EXISTING FIBER DISTRIBUTION/OVP BOX		EXISTING CABLING SUMMARY	
MODEL NUMBER	STATUS	CABLE QTY, SIZE, TYPE	STATUS
RVZDC-6627-PF-48	RMN	(10) 1-5/8" COAX AND (2) 1-5/8" HYBRID	RMN
–	–	----	–

3 EQUIPMENT SCHEDULES

FINAL FIBER DISTRIBUTION / OVP BOX		FINAL CABLING SUMMARY	
MODEL NUMBER	STATUS	CABLE QTY, SIZE, TYPE	STATUS
RVZDC-6627-PF-48	RMN	(10) 1-5/8" COAX AND (2) 1-5/8" HYBRID	RMN
-	-	----	-

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PEC.0001553

REV.	DESCRIPTION	BY	DATE
0	FOR CONSTRUCTION	JRD	09/12/23

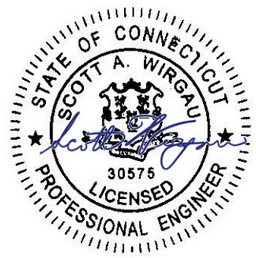
ATC SITE NUMBER:
302524

ATC SITE NAME:
BEACON FALLS

VERIZON SITE NAME:
BEACON FALLS CT

SITE ADDRESS:
664 RIMMON HILL ROAD
SEYMOUR, CT 06483

SEAL:



Digitally Signed: 2023-09-13

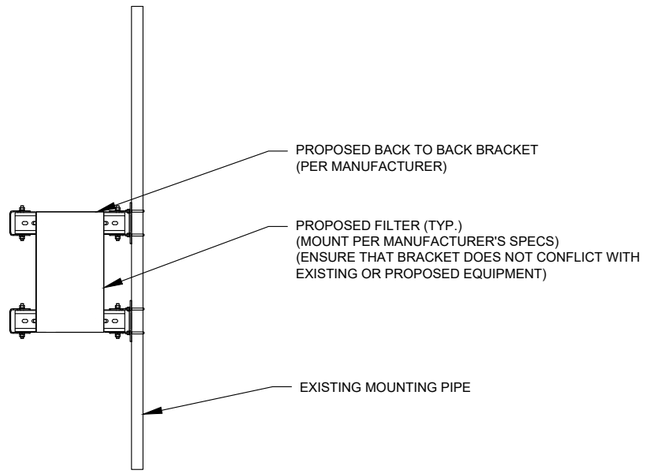
verizon

ATC JOB NO:	14519430_G0
CUSTOMER ID:	BEACON FALLS CT
CUSTOMER #:	5000383631

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 RRU MOUNTING DETAIL - TYPICAL

SCALE: N.T.S.

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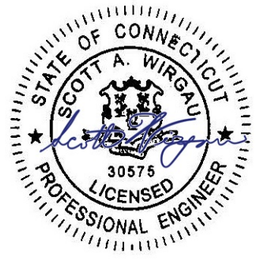
SEAL:



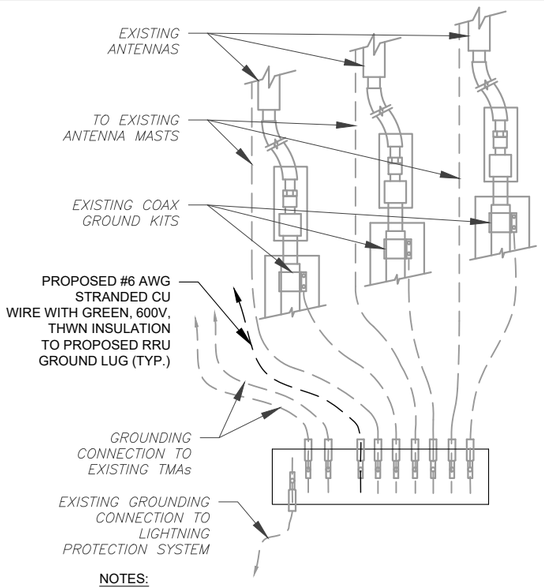
Digitally Signed: 2023-09-13

verizon

ATC JOB NO:	14519430_G0
CUSTOMER ID:	BEACON FALLS CT
CUSTOMER #:	5000383631

CONSTRUCTION DETAILS

SHEET NUMBER:	REVISION:
C-501	0

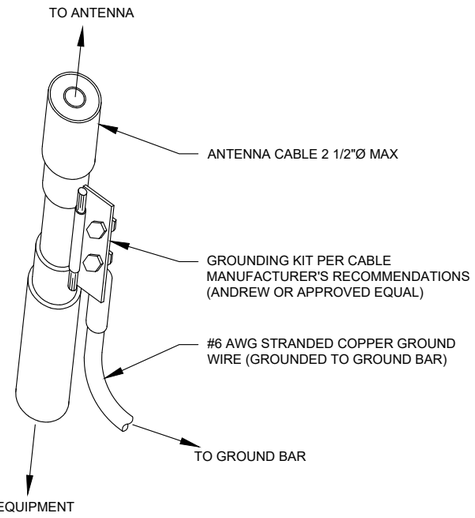


NOTES:

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.

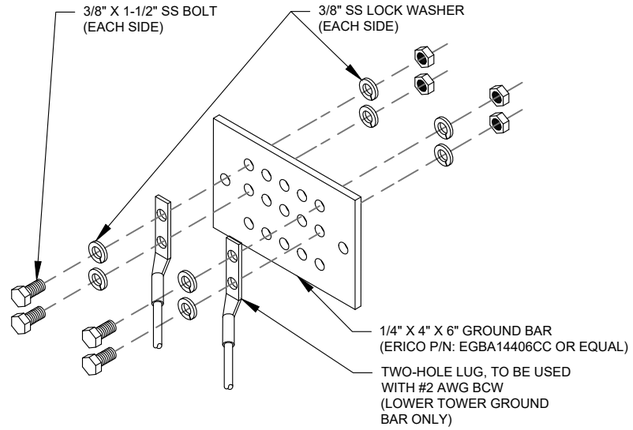


GROUND KIT NOTES:

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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SUITE 100
CARY, NC 27518
PHONE: (919) 468-0112
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REV.	DESCRIPTION	BY	DATE
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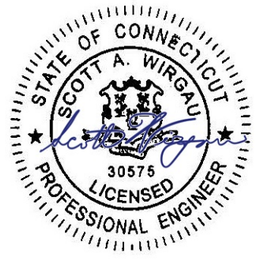


Digitally Signed: 2023-09-13

verizon

ATC JOB NO:	14519430_G0
CUSTOMER ID:	BEACON FALLS CT
CUSTOMER #:	5000383631

GROUNDING DETAILS

SHEET NUMBER:	REVISION:
E-501	0

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

Antenna Mount Analysis Report and PMI Requirements

Mount ReAnalysis

SMART Tool Project #: 10207596
Colliers Engineering & Design CT, PC Project #: 23777170

July 21, 2023

Site Information	*Site ID:*	*5000383631-VZW / BEACON FALLS CT*
	Site Name:	*BEACON FALLS CT*
	Carrier Name:	*Verizon Wireless*
	Address:	*664 Rimmon Hill Rd.* *Seymour, Connecticut 06483* *New Haven County*
	Latitude:	*41.407317°*
	Longitude:	*-73.079275°*
Structure Information	*Tower Type:*	*Monopole*
	Mount Type:	*12.83-Ft Platform*

FUZE ID # 17123829

Analysis Results

Platform: **67.2% Pass***

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

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

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

Report Prepared By: Carol Luengas

Digitally signed by Derek Hartzell
Date: 2023.07.21 14:17:21-07'00'

STATE OF CONNECTICUT · DEREK R. HARTZELL · 32719 · LICENSED PROFESSIONAL ENGINEER

Requirements:

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

Contractor to install proposed filter on support rail in Gamma sector. See Placement Diagram for reference.

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

Attachments:

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

1 MOUNT ANALYSIS

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

SUPPLEMENTAL

SHEET NUMBER:	REVISION:
R-601	0

EXHIBIT 2

Tax ID 001-005-0006 Printed 07/22/2023 Card No. 1 of 1

WEED FAMILY LLC
54 DUBLIN HILL ROAD
SOUTHBURY, CT 06488
Census: 3411

Neighborhood Number
1
Neighborhood Name
Southwest
TAXING DISTRICT INFORMATION

Jurisdiction Name	BEACON FALLS
Area	006
Routing Number	001-005-0006

Transfer of Ownership

Owner	Consideration	Transfer Date	Deed Type	Deed Book	Page
MITCHELL LAURA W &	0	01/15/2021	Q	237	496
WEED WILBUR & JOAN N	0	12/05/2019		231	120
	0	11/01/1991	Q	81	596

Site Description

Topography
Level
Public Utilities
Electric
Street or Road
Paved
Neighborhood
Static
Zoning:
R-1
Legal Acres:
61.4000

Valuation Record

Assessment Year		2006	2007	2011	2016	2021			
Reason for Change		2006 Reval	2007	2011 Reval	2016 Reval	2021 Reval			
2021 Market	L	499420	499420	436040	369750	343650			
	I	207300	207300	203540	200580	250720			
	T	706720	706720	639580	570330	594370			
70% Assessed	L	114390	114390	112030	98950	128350			
	I	145120	145120	142470	140420	175500			
	T	259510	259510	254500	239370	303850			

Land Size

Land Type	Rating, Soil ID - or - Actual Frontage	Acreage - or - Effective Frontage	Square Feet - or - Effective Depth	Influence Factor
Homesite		1.0300		
Res Excess Acres		60.0000		
PA490 Farm		60.0000		
Secondary Comm/Indust Land		0.3700		

Tax ID 001-005-0006 Printed 07/22/2023

Physical Characteristics

Style: Colonial
Occupancy: Single family

Story Height:	2.0
Finished Area:	1436
Attic:	Unfinished
Basement:	3/4

ROOFING

Material: Asphalt shingles
Type: Gable
Framing: Std for class
Pitch: Not available

FLOORING

Slab	B
Sub and joists	1.0, 2.0, A
Concrete	B
Carpet	1.0, 2.0
Unfinished	A
Dirt	B

EXTERIOR COVER

Wood Shingle	1.0, 2.0, A

INTERIOR FINISH

Unfinished	B, A
Plaster	1.0, 2.0

ACCOMMODATION

Finished Rooms	8
Bedrooms	4
Formal Dining Rooms	1

HEATING AND AIR CONDITIONING

Primary Heat: Forced Hot Air-gas

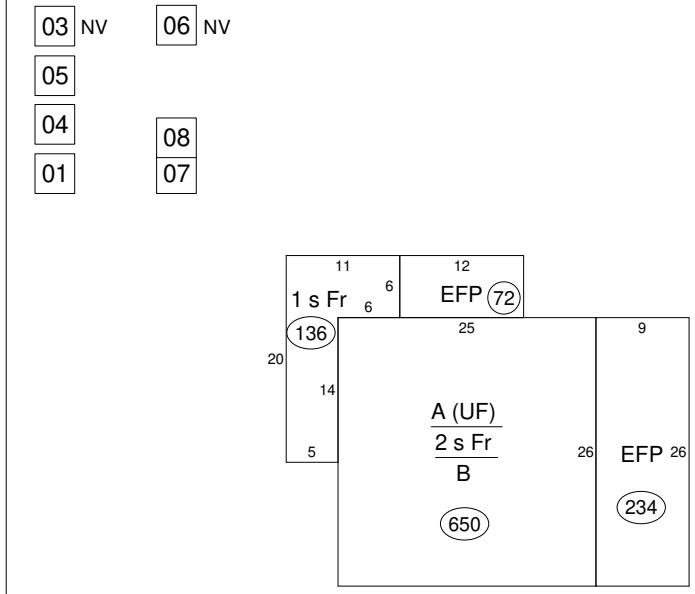
Lower	Full	Part
/Bsmt 1	Upper	Upper

PLUMBING

	#	TF
3 Fixt. Baths	1	3
Kit Sink	1	1
Water Heat	1	1
TOTAL		5

REMODELING AND MODERNIZATION

	Amount	Date



Special Features

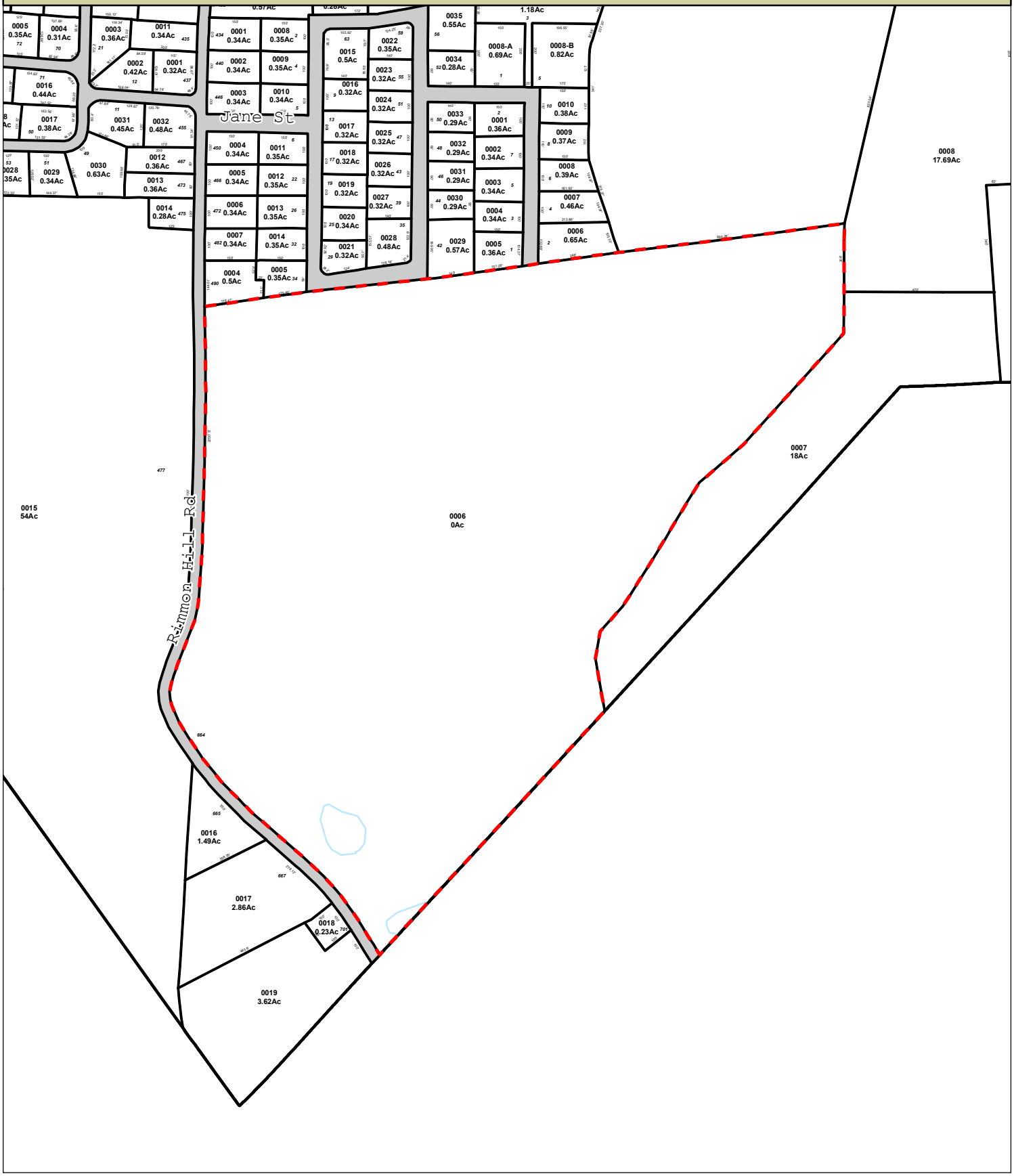
Description
01 : Half bath, Lvg qtrs, half story
05 : Four sides open

Summary of Improvements

ID	USE	Story Height	Const Type	Grade	Year Cons	Eff Year	Cond	Size or Area
D	DWELL	0.00		AVG	1900	1980	AV	2736
01	DETGAR	1.50	4	Good	1940	1975	AV	26x 27
03	BANKBARN	1.00		LOW	1900	1900	VP	26x 18
04	DETGAR	1.00	1	VG	1993	1993	AV	24x 35
05	POLEBARN	1.00	1	AVG	1900	1900	AV	80x 20
06	DAIRY	1.00	1	AVG	1900	1900	VP	29x 30
07	DAIRY	1.00	1	AVG	1900	1900	VP	26x 30
08	DAIRY	1.00	1	AVG	1900	1900	FR	35x 69

Town of Beacon Falls, Connecticut - Assessment Parcel Map

Parcel: 001-005-0006 **Address:** 664 RIMMON HILL RD



N

Approximate Scale: 1 inch = 400 feet

0 120 240 360 480 Feet

Map Produced June 2023

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

EXHIBIT 3

AMERICAN TOWER®
CORPORATION

Structural Analysis Report

Structure	:	173 ft Monopole
ATC Asset Name	:	Beacon Falls
ATC Asset Number	:	302524
Engineering Number	:	14519430_C3_02
Proposed Carrier	:	VERIZON WIRELESS
Carrier Site Name	:	BEACON FALLS CT
Carrier Site Number	:	5000383631
Site Location	:	664 Rimmon Hill Road Seymour, CT 06483-2722 41.4072° N, 73.0793° W
County	:	New Haven
Date	:	September 8, 2023
Max Usage	:	98%
Analysis Result	:	Pass

Created By:

Nathan Lyle
Structural Engineer I

Nathan Lyle

COA: PEC.0001553

Introduction

The purpose of this report is to summarize results of a structural analysis performed on the 173 ft Monopole tower to reflect the change in loading by VERIZON WIRELESS.

Supporting Documents

Tower:	Valmont Drawing #DC3268Z, dated May 28, 1996 Mapping by Aria Site #302524, dated April 5, 2022
Foundation:	SNET Sheet #4 of 11, dated July 16, 1996
Geotechnical:	S&ME Job #1261-07-418Z, dated November 13, 2007
Modification:	Spectrasite Site #CT-0060, dated February 20, 2002

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:	118 mph (3-second gust)
Basic Wind Speed w/ Ice:	50 mph (3-second gust) w/ 1.00" radial ice concurrent
Code(s):	ANSI/TIA-222-H / 2021 IBC / 2022 Connecticut State Building Code
Exposure Category:	B
Risk Category:	II
Topographic Factor Procedure:	Method 1
Topographic Category:	1
Spectral Response:	Ss = 0.20, S_1 = 0.05
Site Class:	D - Stiff Soil - Default

Wind load and Ice thickness have been reduced by applicable existing structure load modification factors in accordance with TIA-222-H, ANNEX-S

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	98.5%	1.2D + 1.0W	Pass
Base Plate @ 0.0 ft	58.1%	Rods	Pass
Foundation	92.8%	-	Pass
Extension Interface	9.0%	Bolts	Pass

Maximum Reactions

Foundation	Moment (k-ft)	Axial (k)	Shear (k)
Monopole Base	3,030.9	48.1	24.5

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
149.0	1	Platform with Handrails	(10) 1 5/8" Coax (2) 1 5/8" Hybriflex
	1	Raycap RVZDC-6627-PF-48	
	2	Kaelus KA-6030	
	3	Commscope CBC78T-DS-43-2X	
	3	Mount Reinforcement	
	3	Samsung B2/B66A RRH-BR049	
	3	Samsung B5/B13 RRH-BR04C	
	3	Samsung MT6407-77A	
	6	Andrew DB844H80E-XY	
	6	Commscope JAHH-65B-R3B	

Other Existing/Reserved Loading

Elev (ft)	Qty	Equipment	Lines	Carrier
166.0	3	Ericsson Air 6449 B77D	(6) 1 1/4" Coax	AT&T MOBILITY
164.0	1	CCI DMP65R-BU6DA	(2) 0.39" (10mm) Fiber Trunk (1) 0.41" (10.3mm) Fiber (4) 0.78" (19.7mm) 8 AWG 6 (3) 0.92" (23.4mm) Cable (4) 2" conduit	AT&T MOBILITY
	1	CCI TPA-65R-BU6DA-K		
	1	Raycap DC9-48-60-24-8C-EV		
	2	CCI DMP65R-BU8D		
	2	CCI TPA65R-BU8D		
	2	Raycap DC6-48-60-18-8F (23.5" Height)		
	3	Ericsson AIR 6419 B77G		
	3	Ericsson RRUS 32 B2		
	3	Ericsson RRUS 32 B30		
	3	Ericsson RRUS 4426 B66		
	3	Ericsson RRUS 4449 B5, B12		
	3	Ericsson RRUS 4478 B14		
159.0	1	Platform with Handrails	-	AT&T MOBILITY
	6	Mount Reinforcement		
135.0	1	Low Profile Platform	(12) 1 1/4" Coax	OTHER
	12	42" x 6" Panel		

(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.

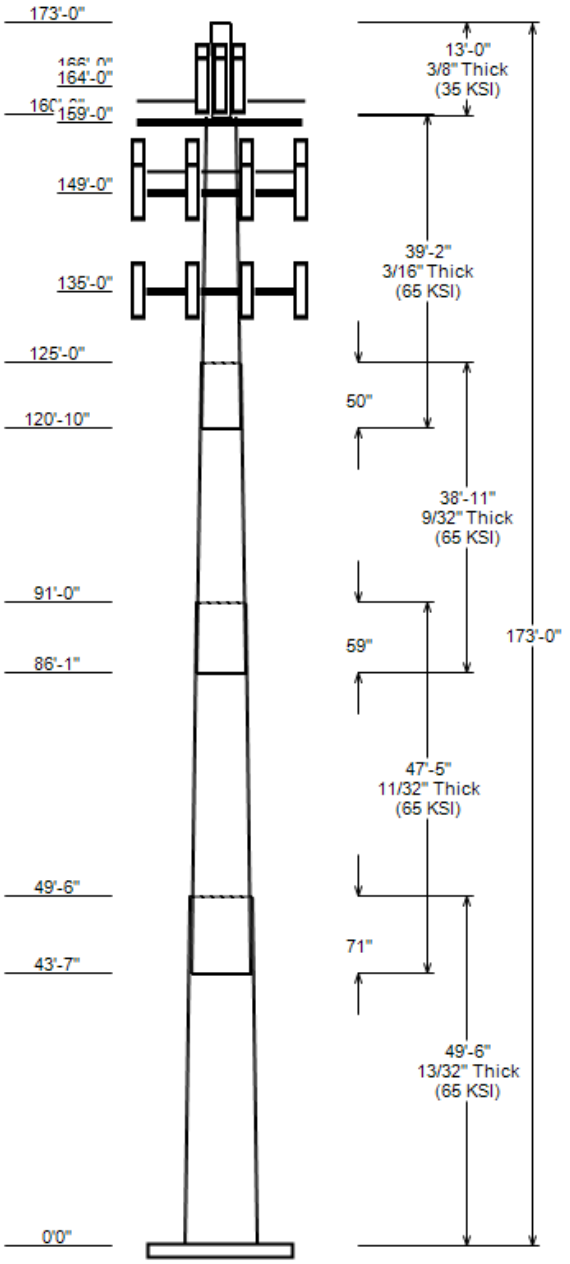
All assets of American Tower Corporation, its affiliates, and subsidiaries (collectively "American Tower") are inspected at regular intervals. Based upon these inspections and in the absence of information to the contrary, American Tower assumes that all structures were constructed in accordance with 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:	115 mph	**Ice Wind:**	49 mph w/ 0.85" ice	**Service Wind:**	60 mph
Risk Category:	II	**Exposure:**	B	**S_s:** 0.2	**S_1:** 0.054
Topo Category:	1	**Topo Factor:**	Method 1	**Topo Feature:**	
Structure Height:	173 ft	**Base Elevation:**	0.00 ft	**Structure Type:**	Custom
Base Diameter:	48.5 in	**Base Rotation:**	0°	**Taper:**	0.2030 (in/ft)



POLE SECTION PROPERTIES

Section	Length (ft)	Flat Diameter (in) Top	Flat Diameter (in) Bottom	Thick (in)	Joint Type	Joint Length (in)	Pole Shape	Yield Strength (ksi)
1	49.500	38.45	48.50	0.406		0.000	12 Sides	65
2	47.417	30.72	40.34	0.344	Slip Joint	71.000	12 Sides	65
3	38.917	24.38	32.28	0.281	Slip Joint	59.000	12 Sides	65
4	39.167	17.64	25.60	0.188	Slip Joint	50.000	12 Sides	65
5	13.000	14.00	14.00	0.375	Butt Joint	0.000	Round	35

DISCRETE APPURTENANCE

Elev (ft)	Description
166.0	(3) Ericsson Air 6449 B77D
164.0	(2) Raycap DC6-48-60-18-8F (23.5"
164.0	(3) Ericsson RRUS 4426 B66
164.0	(3) Ericsson RRUS 4449 B5, B12
164.0	(3) Ericsson RRUS 4478 B14
164.0	(3) Ericsson RRUS 32 B2
164.0	(3) Ericsson RRUS 32 B30
164.0	(3) Ericsson AIR 6419 B77G
164.0	(1) Raycap DC9-48-60-24-8C-EV
164.0	(1) CCI DMP65R-BU6DA
164.0	(1) CCI TPA-65R-BU6DA-K
164.0	(2) CCI DMP65R-BU8D
164.0	(2) CCI TPA65R-BU8D
159.0	(6) Generic Mount Reinforcement
159.0	(1) Generic Flat Platform with Han
149.0	(3) Commscope CBC78T-DS-43-2X
149.0	(2) Kaelus KA-6030
149.0	(3) Samsung B2/B66A RRH-BR049
149.0	(3) Samsung B5/B13 RRH-BR04C
149.0	(6) Andrew DB844H80E-XY
149.0	(1) Raycap RVZDC-6627-PF-48
149.0	(3) Samsung MT6407-77A
149.0	(3) Generic Mount Reinforcement
149.0	(6) Commscope JAHH-65B-R3B
149.0	(1) Generic Flat Platform with Han
135.0	(12) Generic 42" x 6" Panel
135.0	(1) Generic Flat Low Profile Platf

LINEAR APPURTENANCE

Elev To (ft)	Description
166.0	(6) 1 1/4" Coax
164.0	(4) 2" conduit
164.0	(3) 0.92" (23.4mm) Cable
164.0	(4) 0.78" (19.7mm) 8 AWG 6
164.0	(1) 0.41" (10.3mm) Fiber
164.0	(2) 0.39" (10mm) Fiber Trunk
149.0	(2) 1 5/8" Hybriflex
149.0	(10) 1 5/8" Coax
135.0	(12) 1 1/4" Coax

GLOBAL BASE REACTIONS

Load Case	Moment (kip-ft)	Axial (kip)	Shear (kip)
1.2D + 1.0W	3030.87	48.12	24.51
0.9D + 1.0W	2953.13	36.08	24.49
1.2D + 1.0Di + 1.0Wi	743.36	60.20	5.79
1.2D + 1.0Ev + 1.0Eh	183.52	48.30	1.21
0.9D - 1.0Ev + 1.0Eh	177.19	33.33	1.21
1.0D + 1.0W	728.67	40.14	5.97

ANALYSIS PARAMETERS

Location:	New Haven County,CT	**Height:**	173 ft
Type and Shape:	Custom, Round	**Base Diameter:**	48.50 in
Manufacturer:	Valmont	**Top Diameter:**	14.00 in
K_d (non-service):	0.95	**Taper:**	0.2030 in/ft
K_e:	0.98	**Rotation:**	0.000º

ICE & WIND PARAMETERS

Risk Category:	II	**Design Wind Speed:**	115 mph
Exposure Category:	B	**Design Wind Speed w/ Ice:**	49 mph
Topo Factor Procedure:	Method 1	**Design Ice Thickness:**	0.85 in
Topographic Category:	1	**Service Wind Speed:**	60 mph
Crest Height:	0 ft	**HMSL:**	420.00 ft

SEISMIC PARAMETERS

Analysis Method:	Equivalent Lateral Force Method				
Site Class:	D - Stiff Soil		**Period Based on Rayleigh Method (sec):**		3.69
T_L (sec):	6	**P:**	1	**C_s:**	0.030
S_s:	0.200	**S_1:**	0.054	**C_s Max:**	0.030
F_a:	1.600	**F_v:**	2.400	**C_s Min:**	0.030
S_{ds}:	0.213	**S_{d1}:**	0.086		

LOAD CASES

1.2D + 1.0W	115.01 mph Wind with No Ice
0.9D + 1.0W	115.01 mph Wind with No Ice (Reduced DL)
1.2D + 1.0Di + 1.0Wi	48.73 mph Wind with 0.85" 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)
1-12	49.50	0.4063	65		0.00	9,490	48.50	0.000	62.92	18,576.0	29.31	119.37	38.45	49.50	49.77	9,195.8	22.68	94.64	0.2030
2-12	47.42	0.3438	65	Slip	71.00	6,284	40.34	43.583	44.28	9,040.9	28.76	117.34	30.72	91.00	33.62	3,958.4	21.26	89.34	0.2030
3-12	38.92	0.2813	65	Slip	59.00	3,363	32.28	86.083	28.98	3,786.3	28.06	114.74	24.38	125.00	21.82	1,617.1	20.54	86.65	0.2030
4-12	39.17	0.1875	65	Slip	50.00	1,725	25.60	120.833	15.34	1,264.1	33.90	136.51	17.64	160.00	10.54	410.0	22.54	94.11	0.2030
5-R	13.00	0.3750	35	Butt	0.00	710	14.00	160.000	16.05	372.8	0.00	37.33	14.00	173.00	16.05	372.8	0.00	37.33	0.0000
			Total Shaft Weight			**21,572**													

DISCRETE APPURTENANCE PROPERTIES

Attach Elev (ft)	Description	Qty	Ka	Vert Ecc (ft)	No Ice Weight (lb)	No Ice EPAa (sf)	No Ice Orientation Factor	Ice Weight (lb)	Ice EPAa (sf)	Ice Orientation Factor
166.00	Ericsson Air 6449 B77D	3	0.75	0.000	81.60	4.028	0.65	140.57	4.816	0.65
164.00	CCI DMP65R-BU6DA	1	0.75	0.000	79.40	12.709	1.00	226.80	14.305	1.00
164.00	CCI TPA-65R-BU6DA-K	1	0.75	0.000	69.00	12.709	1.00	216.40	14.305	1.00
164.00	Raycap DC9-48-60-24-8C-EV	1	0.75	0.000	16.00	4.788	0.50	89.87	5.630	0.50
164.00	Ericsson AIR 6419 B77G	3	0.75	0.000	66.10	3.797	0.65	121.62	4.551	0.65
164.00	CCI TPA65R-BU8D	2	0.75	0.000	82.50	18.089	0.72	279.79	20.202	0.72
164.00	Ericsson RRUS 32 B2	3	0.75	0.000	53.00	2.743	0.50	95.09	3.412	0.50
164.00	Ericsson RRUS 4478 B14	3	0.75	0.000	59.40	2.021	0.50	94.52	2.561	0.50
164.00	Ericsson RRUS 4449 B5, B12	3	0.75	0.000	71.00	1.969	0.50	107.88	2.503	0.50
164.00	Ericsson RRUS 4426 B66	3	0.75	0.000	48.40	1.650	0.50	73.95	2.136	0.50
164.00	Raycap DC6-48-60-18-8F (23.5"	2	0.75	0.000	20.00	1.260	0.50	50.13	1.637	0.50
164.00	CCI DMP65R-BU8D	2	0.75	0.000	95.70	17.871	0.72	290.19	19.980	0.72
164.00	Ericsson RRUS 32 B30	3	0.75	0.000	60.00	2.743	0.50	102.10	3.412	0.50
159.00	Generic Mount Reinforcement	6	0.75	0.000	200.00	4.980	0.67	310.40	7.816	0.67
159.00	Generic Flat Platform with Han	1	1.00	0.000	2500.00	42.400	1.00	3513.35	54.363	1.00
149.00	Commscope JAHH-65B-R3B	6	0.75	0.000	60.60	9.113	0.69	175.24	10.685	0.69
149.00	Generic Mount Reinforcement	3	0.75	0.000	200.00	4.980	0.67	309.67	7.797	0.67
149.00	Samsung MT6407-77A	3	0.75	0.000	81.60	4.709	0.61	139.36	5.570	0.61
149.00	Raycap RVZDC-6627-PF-48	1	0.75	0.000	32.00	3.781	0.50	94.14	4.530	0.50
149.00	Andrew DB844H80E-XY	6	0.75	1.000	10.00	3.615	0.73	64.14	3.336	0.73
149.00	Generic Flat Platform with Han	1	1.00	0.000	2500.00	42.400	1.00	3506.70	54.285	1.00
149.00	Samsung B2/B66A RRH-BR049	3	0.75	0.000	84.40	1.875	0.50	120.55	2.386	0.50
149.00	Kaelus KA-6030	2	0.75	0.000	17.60	0.963	0.50	30.96	1.333	0.50
149.00	Commscope CBC78T-DS-43-2X	3	0.75	0.000	20.70	0.552	0.50	33.22	0.840	0.50
149.00	Samsung B5/B13 RRH-BR04C	3	0.75	0.000	70.30	1.875	0.50	102.72	2.386	0.50
135.00	Generic 42" x 6" Panel	12	0.80	0.000	20.00	2.450	0.67	48.37	3.380	0.67
135.00	Generic Flat Low Profile Platf	1	1.00	0.000	1875.00	26.100	1.00	2329.19	36.807	1.00
Totals	**Row Count: 27**	**81**			**12,056.10**			**19,481.46**		

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	166.00	6	1 1/4" Coax	1.55	0.63	N	0	0	0	0	0	N	AT&T MOBILITY
0.00	164.00	4	0.78" (19.7mm) 8 AWG	0.78	0.59	N	0	0	0	0	0	N	AT&T MOBILITY
0.00	164.00	4	2" conduit	2.38	3.65	N	0	0	0	0	0	N	AT&T MOBILITY
0.00	164.00	3	0.92" (23.4mm) Cable	0.92	0.89	N	0	0	0	0	0	N	AT&T MOBILITY
0.00	164.00	2	0.39" (10mm) Fiber Tr	0.39	0.06	N	0	0	0	0	0	N	AT&T MOBILITY
0.00	164.00	1	0.41" (10.3mm) Fiber	0.41	0.09	N	0	0	0	0	0	N	AT&T MOBILITY
0.00	149.00	10	1 5/8" Coax	1.98	0.82	N	0	0	0	0	0	N	VERIZON WIRELESS
0.00	149.00	2	1 5/8" Hybriflex	1.98	1.3	N	0	0	0	0	0	N	VERIZON WIRELESS
0.00	135.00	12	1 1/4" Coax	1.55	0.63	N	0	0	0	0	0	N	OTHER

SEGMENT PROPERTIES

Seg Top	Description *(Max Length: 5 ft)*	Thick	Flat Dia	Area	Ix	W/t	D/t	F'y	S	Z	Weight

Elev (ft)		(in)	(in)	(in^2)	(in^4)	Ratio	Ratio	(ksi)	(in^3)	(in^3)	(lb)
0.00		0.4063	48.500	62.920	18,576.00	29.31	119.37	72.8	739.9	0.0	0.0
5.00		0.4063	47.485	61.592	17,424.60	28.64	116.87	73.5	708.9	0.0	1,059.2
10.00		0.4063	46.470	60.264	16,321.70	27.97	114.37	74.2	678.5	0.0	1,036.6
15.00		0.4063	45.455	58.937	15,266.40	27.30	111.88	74.9	648.8	0.0	1,014.0
20.00		0.4063	44.440	57.609	14,257.50	26.63	109.38	75.7	619.8	0.0	991.4
25.00		0.4063	43.425	56.281	13,294.10	25.96	106.88	76.4	591.4	0.0	968.9
30.00		0.4063	42.410	54.953	12,375.20	25.29	104.38	77.1	563.7	0.0	946.3
35.00		0.4063	41.395	53.625	11,499.60	24.62	101.88	77.9	536.7	0.0	923.7
40.00		0.4063	40.380	52.297	10,666.20	23.95	99.38	78.6	510.3	0.0	901.1
43.58	Bot - Section 2	0.4063	39.653	51.345	10,094.50	23.47	97.59	79.1	491.8	0.0	631.9
45.00		0.4063	39.365	50.969	9,874.20	23.28	96.89	79.3	484.6	0.0	459.3
49.50	Top - Section 1	0.3438	39.139	42.948	8,250.60	27.82	113.84	74.4	407.2	0.0	1,436.7
50.00		0.3438	39.038	42.835	8,186.00	27.75	113.55	74.5	405.1	0.0	73.0
55.00		0.3438	38.023	41.712	7,558.60	26.95	110.60	75.3	384.0	0.0	719.2
60.00		0.3438	37.008	40.588	6,964.00	26.16	107.64	76.2	363.5	0.0	700.1
65.00		0.3438	35.993	39.465	6,401.50	25.37	104.69	77	343.6	0.0	681.0
70.00		0.3438	34.978	38.341	5,870.10	24.58	101.74	77.9	324.2	0.0	661.9
75.00		0.3438	33.963	37.217	5,369.00	23.79	98.79	78.8	305.4	0.0	642.8
80.00		0.3438	32.948	36.094	4,897.30	23.00	95.83	79.6	287.1	0.0	623.7
85.00		0.3438	31.933	34.970	4,454.00	22.21	92.88	80.5	269.5	0.0	604.5
86.08	Bot - Section 3	0.3438	31.713	34.726	4,361.60	22.04	92.24	80.7	265.7	0.0	128.5
90.00		0.3438	30.918	33.846	4,038.30	21.42	89.93	81.4	252.3	0.0	838.4
91.00	Top - Section 2	0.2813	31.277	28.076	3,442.90	27.11	111.19	75.1	212.7	0.0	210.6
95.00		0.2813	30.465	27.340	3,179.30	26.34	108.30	76	201.6	0.0	377.1
100.00		0.2813	29.450	26.421	2,869.30	25.37	104.69	77	188.2	0.0	457.3
105.00		0.2813	28.435	25.501	2,580.00	24.41	101.08	78.1	175.3	0.0	441.7
110.00		0.2813	27.420	24.582	2,310.90	23.44	97.48	79.2	162.8	0.0	426.1
115.00		0.2813	26.405	23.663	2,061.20	22.47	93.87	80.2	150.8	0.0	410.4
120.00		0.2813	25.390	22.743	1,830.20	21.51	90.26	81.3	139.3	0.0	394.8
120.83	Bot - Section 4	0.2813	25.221	22.590	1,793.40	21.34	89.66	81.4	137.4	0.0	64.3
125.00	Top - Section 3	0.1875	24.750	14.830	1,142.00	32.69	132.00	69.1	89.1	0.0	528.7
130.00		0.1875	23.735	14.217	1,006.20	31.24	126.59	70.6	81.9	0.0	247.1
135.00		0.1875	22.720	13.604	881.60	29.79	121.17	72.2	75.0	0.0	236.7
140.00		0.1875	21.705	12.991	767.80	28.34	115.76	73.8	68.3	0.0	226.2
145.00		0.1875	20.690	12.379	664.20	26.89	110.35	75.4	62.0	0.0	215.8
149.00		0.1875	19.878	11.888	588.30	25.73	106.02	76.7	57.2	0.0	165.1
150.00		0.1875	19.675	11.766	570.30	25.44	104.93	77	56.0	0.0	40.2
155.00		0.1875	18.660	11.153	485.80	23.99	99.52	78.6	50.3	0.0	195.0
159.00		0.1875	17.848	10.663	424.50	22.83	95.19	79.8	45.9	0.0	148.5
160.00	Top - Section 4	0.1875	17.645	10.540	410.00	22.54	94.11	80.1	44.9	0.0	36.1
160.00	Bot - Section 5	0.3750	14.000	16.052	372.80	0.00	37.33	35	53.3	69.6	
164.00		0.3750	14.000	16.052	372.80	0.00	37.33	35	53.3	69.6	218.5
165.00		0.3750	14.000	16.052	372.80	0.00	37.33	35	53.3	69.6	54.6
166.00		0.3750	14.000	16.052	372.80	0.00	37.33	35	53.3	69.6	54.6
170.00		0.3750	14.000	16.052	372.80	0.00	37.33	35	53.3	69.6	218.5
173.00		0.3750	14.000	16.052	372.80	0.00	37.33	35	53.3	69.6	163.9
										Total:	**21,574.0**

CALCULATED FORCES

Load Case: 1.2D + 1.0W — 115.01 mph Wind with No Ice — 31 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	-48.12	-24.51	0.00	-3,030.9	0.00	3,030.87	4,119.85	1,104.25	5,009.78	4,037.34	0	0	0.763
5.00	-46.50	-24.22	0.00	-2,908.3	0.00	2,908.30	4,073.38	1,080.95	4,800.61	3,906.84	0.12	-0.23	0.756
10.00	-44.91	-23.93	0.00	-2,787.2	0.00	2,787.18	4,025.15	1,057.64	4,595.90	3,776.64	0.48	-0.46	0.750
15.00	-43.35	-23.65	0.00	-2,667.5	0.00	2,667.51	3,975.18	1,034.34	4,395.65	3,646.86	1.09	-0.7	0.743
20.00	-41.81	-23.36	0.00	-2,549.3	0.00	2,549.28	3,923.47	1,011.03	4,199.87	3,517.59	1.95	-0.94	0.736
25.00	-40.31	-23.08	0.00	-2,432.5	0.00	2,432.47	3,870.01	987.73	4,008.54	3,388.95	3.07	-1.19	0.729
30.00	-38.83	-22.79	0.00	-2,317.1	0.00	2,317.07	3,814.81	964.42	3,821.67	3,261.05	4.45	-1.44	0.721
35.00	-37.38	-22.49	0.00	-2,203.1	0.00	2,203.11	3,757.86	941.12	3,639.27	3,134.00	6.1	-1.7	0.713

CALCULATED FORCES

40.00	-35.97	-22.22	0.00	-2,090.6	0.00	2,090.65	3,699.17	917.81	3,461.32	3,007.91	8.03	-1.97	0.705
43.58	-34.98	-22.05	0.00	-2,011.0	0.00	2,011.02	3,656.03	901.11	3,336.53	2,918.19	9.58	-2.16	0.699
45.00	-34.31	-21.86	0.00	-1,979.8	0.00	1,979.79	3,638.73	894.51	3,287.83	2,882.88	10.23	-2.24	0.697
49.50	-32.32	-21.63	0.00	-1,881.4	0.00	1,881.42	2,874.54	753.73	2,758.49	2,271.41	12.47	-2.49	0.840
50.00	-32.15	-21.48	0.00	-1,870.6	0.00	1,870.61	2,870.35	751.76	2,744.08	2,262.10	12.73	-2.52	0.839
55.00	-30.94	-21.14	0.00	-1,763.2	0.00	1,763.24	2,827.44	732.04	2,602.05	2,169.33	15.54	-2.84	0.825
60.00	-29.76	-20.81	0.00	-1,657.5	0.00	1,657.52	2,782.79	712.32	2,463.79	2,077.03	18.69	-3.16	0.810
65.00	-28.60	-20.46	0.00	-1,553.5	0.00	1,553.50	2,736.40	692.60	2,329.31	1,985.34	22.17	-3.49	0.794
70.00	-27.46	-20.11	0.00	-1,451.2	0.00	1,451.20	2,688.26	672.88	2,198.59	1,894.35	26	-3.82	0.777
75.00	-26.36	-19.76	0.00	-1,350.6	0.00	1,350.65	2,638.38	653.16	2,071.66	1,804.18	30.18	-4.16	0.760
80.00	-25.27	-19.40	0.00	-1,251.9	0.00	1,251.87	2,586.75	633.44	1,948.50	1,714.92	34.72	-4.51	0.741
85.00	-24.25	-19.15	0.00	-1,154.9	0.00	1,154.88	2,533.37	613.72	1,829.11	1,626.71	39.62	-4.86	0.720
86.08	-24.00	-18.99	0.00	-1,134.1	0.00	1,134.13	2,521.58	609.45	1,803.74	1,607.74	40.73	-4.94	0.716
90.00	-22.76	-18.74	0.00	-1,059.8	0.00	1,059.76	2,478.25	594.00	1,713.49	1,539.63	44.9	-5.22	0.699
91.00	-22.42	-18.57	0.00	-1,041.0	0.00	1,041.02	1,898.74	492.73	1,440.76	1,198.46	46	-5.29	0.882
95.00	-21.70	-18.27	0.00	-966.7	0.00	966.73	1,869.75	479.82	1,366.29	1,148.97	50.54	-5.58	0.854
100.00	-20.81	-17.92	0.00	-875.4	0.00	875.41	1,831.95	463.68	1,275.97	1,087.54	56.6	-5.99	0.818
105.00	-19.95	-17.58	0.00	-785.8	0.00	785.81	1,792.41	447.55	1,188.74	1,026.68	63.08	-6.4	0.778
110.00	-19.12	-17.23	0.00	-697.9	0.00	697.93	1,751.12	431.41	1,104.60	966.51	69.99	-6.81	0.735
115.00	-18.31	-16.88	0.00	-611.8	0.00	611.79	1,708.08	415.28	1,023.55	907.14	77.33	-7.21	0.687
120.00	-17.56	-16.64	0.00	-527.4	0.00	527.39	1,663.30	399.14	945.59	848.67	85.07	-7.61	0.634
120.83	-17.41	-16.49	0.00	-513.5	0.00	513.53	1,655.67	396.46	932.89	839.02	86.4	-7.68	0.624
125.00	-16.52	-16.14	0.00	-444.8	0.00	444.81	921.74	260.26	603.01	461.70	93.22	-7.99	0.985
130.00	-15.92	-15.82	0.00	-364.1	0.00	364.12	903.90	249.51	554.22	433.91	101.76	-8.35	0.861
135.00	-13.06	-13.56	0.00	-285.0	0.00	285.04	884.30	238.75	507.48	406.06	110.72	-8.81	0.720
140.00	-12.56	-13.23	0.00	-217.2	0.00	217.25	862.97	228.00	462.80	378.27	120.13	-9.21	0.592
145.00	-12.08	-12.93	0.00	-151.1	0.00	151.09	839.89	217.24	420.18	350.64	129.93	-9.55	0.449
149.00	-7.25	-7.90	0.00	-98.9	0.00	98.93	820.16	208.64	387.57	328.72	137.99	-9.77	0.311
150.00	-7.19	-7.72	0.00	-91.0	0.00	91.03	815.06	206.49	379.62	323.27	140.03	-9.81	0.292
155.00	-6.85	-7.41	0.00	-52.4	0.00	52.40	788.49	195.73	341.12	296.29	150.36	-9.99	0.187
159.00	-2.60	-4.22	0.00	-22.8	0.00	22.76	765.97	187.13	311.80	275.05	158.74	-10.08	0.087
160.00	-2.54	-4.13	0.00	-18.5	0.00	18.54	760.17	184.98	304.68	269.80	160.84	-10.09	0.073
160.00	-2.54	-4.13	0.00	-18.5	0.00	18.54	505.62	151.69	181.70	182.79	160.84	-10.09	0.107
164.00	-0.80	-0.57	0.00	-2.0	0.00	2.04	505.62	151.69	181.70	182.79	169.27	-10.12	0.013
165.00	-0.74	-0.53	0.00	-1.5	0.00	1.47	505.62	151.69	181.70	182.79	171.38	-10.12	0.010
166.00	-0.43	-0.18	0.00	-0.9	0.00	0.93	505.62	151.69	181.70	182.79	173.49	-10.13	0.006
170.00	-0.19	-0.07	0.00	-0.2	0.00	0.20	505.62	151.69	181.70	182.79	181.93	-10.13	0.001
173.00	0.00	-0.03	0.00	0.0	0.00	0.00	505.62	151.69	181.70	182.79	188.26	-10.13	0.000

CALCULATED FORCES

Load Case: 0.9D + 1.0W — 115.01 mph Wind with No Ice (Reduced DL) — 31 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	-36.08	-24.49	0.00	-2,953.1	0.00	2,953.13	4,119.85	1,104.25	5,009.78	4,037.34	0	0	0.741
5.00	-34.84	-24.15	0.00	-2,830.7	0.00	2,830.69	4,073.38	1,080.95	4,800.61	3,906.84	0.12	-0.22	0.734
10.00	-33.63	-23.81	0.00	-2,710.0	0.00	2,709.95	4,025.15	1,057.64	4,595.90	3,776.64	0.47	-0.45	0.726
15.00	-32.44	-23.48	0.00	-2,590.9	0.00	2,590.90	3,975.18	1,034.34	4,395.65	3,646.86	1.06	-0.68	0.719
20.00	-31.27	-23.15	0.00	-2,473.5	0.00	2,473.51	3,923.47	1,011.03	4,199.87	3,517.59	1.9	-0.91	0.712
25.00	-30.12	-22.82	0.00	-2,357.8	0.00	2,357.77	3,870.01	987.73	4,008.54	3,388.95	2.99	-1.16	0.704
30.00	-28.99	-22.50	0.00	-2,243.6	0.00	2,243.65	3,814.81	964.42	3,821.67	3,261.05	4.33	-1.4	0.696
35.00	-27.88	-22.16	0.00	-2,131.2	0.00	2,131.16	3,757.86	941.12	3,639.27	3,134.00	5.93	-1.65	0.688
40.00	-26.81	-21.86	0.00	-2,020.3	0.00	2,020.34	3,699.17	917.81	3,461.32	3,007.91	7.8	-1.91	0.679
43.58	-26.06	-21.67	0.00	-1,942.0	0.00	1,942.01	3,656.03	901.11	3,336.53	2,918.19	9.3	-2.1	0.673
45.00	-25.55	-21.46	0.00	-1,911.3	0.00	1,911.31	3,638.73	894.51	3,287.83	2,882.88	9.94	-2.18	0.671
49.50	-24.04	-21.23	0.00	-1,814.7	0.00	1,814.73	2,874.54	753.73	2,758.49	2,271.41	12.11	-2.42	0.808
50.00	-23.91	-21.05	0.00	-1,804.1	0.00	1,804.11	2,870.35	751.76	2,744.08	2,262.10	12.36	-2.45	0.807
55.00	-22.98	-20.69	0.00	-1,698.8	0.00	1,698.85	2,827.44	732.04	2,602.05	2,169.33	15.08	-2.75	0.792
60.00	-22.08	-20.32	0.00	-1,595.4	0.00	1,595.42	2,782.79	712.32	2,463.79	2,077.03	18.13	-3.06	0.777
65.00	-21.19	-19.94	0.00	-1,493.8	0.00	1,493.85	2,736.40	692.60	2,329.31	1,985.34	21.5	-3.38	0.761
70.00	-20.33	-19.56	0.00	-1,394.2	0.00	1,394.15	2,688.26	672.88	2,198.59	1,894.35	25.21	-3.7	0.744
75.00	-19.48	-19.18	0.00	-1,296.4	0.00	1,296.35	2,638.38	653.16	2,071.66	1,804.18	29.25	-4.02	0.727
80.00	-18.66	-18.80	0.00	-1,200.4	0.00	1,200.44	2,586.75	633.44	1,948.50	1,714.92	33.63	-4.35	0.708
85.00	-17.88	-18.54	0.00	-1,106.4	0.00	1,106.44	2,533.37	613.72	1,829.11	1,626.71	38.37	-4.69	0.688
86.08	-17.69	-18.37	0.00	-1,086.4	0.00	1,086.35	2,521.58	609.45	1,803.74	1,607.74	39.44	-4.76	0.684
90.00	-16.75	-18.13	0.00	-1,014.4	0.00	1,014.41	2,478.25	594.00	1,713.49	1,539.63	43.46	-5.03	0.667
91.00	-16.49	-17.95	0.00	-996.3	0.00	996.28	1,898.74	492.73	1,440.76	1,198.46	44.52	-5.1	0.841
95.00	-15.93	-17.62	0.00	-924.5	0.00	924.50	1,869.75	479.82	1,366.29	1,148.97	48.9	-5.38	0.815
100.00	-15.26	-17.25	0.00	-836.4	0.00	836.42	1,831.95	463.68	1,275.97	1,087.54	54.74	-5.77	0.779
105.00	-14.60	-16.88	0.00	-750.2	0.00	750.17	1,792.41	447.55	1,188.74	1,026.68	60.99	-6.17	0.740
110.00	-13.96	-16.52	0.00	-665.8	0.00	665.75	1,751.12	431.41	1,104.60	966.51	67.64	-6.56	0.698
115.00	-13.35	-16.16	0.00	-583.2	0.00	583.15	1,708.08	415.28	1,023.55	907.14	74.7	-6.94	0.652
120.00	-12.78	-15.92	0.00	-502.4	0.00	502.36	1,663.30	399.14	945.59	848.67	82.15	-7.32	0.601
120.83	-12.66	-15.76	0.00	-489.1	0.00	489.10	1,655.67	396.46	932.89	839.02	83.43	-7.38	0.592
125.00	-11.99	-15.41	0.00	-423.4	0.00	423.43	921.74	260.26	603.01	461.70	89.99	-7.68	0.934
130.00	-11.53	-15.07	0.00	-346.4	0.00	346.39	903.90	249.51	554.22	433.91	98.2	-8.02	0.815
135.00	-9.43	-12.91	0.00	-271.0	0.00	271.03	884.30	238.75	507.48	406.06	106.81	-8.46	0.681
140.00	-9.05	-12.58	0.00	-206.5	0.00	206.48	862.97	228.00	462.80	378.27	115.84	-8.84	0.559
145.00	-8.70	-12.27	0.00	-143.6	0.00	143.58	839.89	217.24	420.18	350.64	125.25	-9.17	0.423
149.00	-5.21	-7.51	0.00	-94.0	0.00	94.02	820.16	208.64	387.57	328.72	132.99	-9.37	0.294
150.00	-5.17	-7.33	0.00	-86.5	0.00	86.52	815.06	206.49	379.62	323.27	134.95	-9.41	0.275
155.00	-4.92	-7.02	0.00	-49.9	0.00	49.89	788.49	195.73	341.12	296.29	144.86	-9.58	0.176
159.00	-1.82	-4.06	0.00	-21.8	0.00	21.79	765.97	187.13	311.80	275.05	152.89	-9.67	0.082
160.00	-1.78	-3.97	0.00	-17.7	0.00	17.72	760.17	184.98	304.68	269.80	154.91	-9.68	0.068
160.00	-1.78	-3.97	0.00	-17.7	0.00	17.72	505.62	151.69	181.70	182.79	154.91	-9.68	0.101
164.00	-0.59	-0.53	0.00	-1.8	0.00	1.84	505.62	151.69	181.70	182.79	163	-9.71	0.011
165.00	-0.54	-0.49	0.00	-1.3	0.00	1.31	505.62	151.69	181.70	182.79	165.02	-9.71	0.008
166.00	-0.32	-0.16	0.00	-0.8	0.00	0.81	505.62	151.69	181.70	182.79	167.04	-9.71	0.005
170.00	-0.14	-0.06	0.00	-0.2	0.00	0.17	505.62	151.69	181.70	182.79	175.14	-9.71	0.001
173.00	0.00	-0.03	0.00	0.0	0.00	0.00	505.62	151.69	181.70	182.79	181.21	-9.71	0.000

CALCULATED FORCES

Load Case: 1.2D + 1.0Di + 1.0Wi — 48.73 mph Wind with 0.85" Radial Ice — 30 Iterations

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

Ice Dead Load Factor 1.00

Ice Importance Factor 1.00

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (ft-kips)	Mu MZ (ft-kips)	Mu MX (ft-kips)	Resultant Moment (ft-kips)	Phi Pn (kips)	Phi Vn (kips)	Phi Tn (ft-kips)	Phi Mn (ft-kips)	Total Deflect (in)	Rotation (deg)	Ratio
0.00	-60.20	-5.79	0.00	-743.4	0.00	743.36	4,119.85	1,104.25	5,009.78	4,037.34	0	0	0.199
5.00	-58.47	-5.73	0.00	-714.4	0.00	714.43	4,073.38	1,080.95	4,800.61	3,906.84	0.03	-0.06	0.197
10.00	-56.74	-5.68	0.00	-685.8	0.00	685.77	4,025.15	1,057.64	4,595.90	3,776.64	0.12	-0.11	0.196
15.00	-55.03	-5.62	0.00	-657.4	0.00	657.38	3,975.18	1,034.34	4,395.65	3,646.86	0.27	-0.17	0.194
20.00	-53.35	-5.57	0.00	-629.2	0.00	629.25	3,923.47	1,011.03	4,199.87	3,517.59	0.48	-0.23	0.193
25.00	-51.70	-5.52	0.00	-601.4	0.00	601.40	3,870.01	987.73	4,008.54	3,388.95	0.76	-0.29	0.191
30.00	-50.07	-5.46	0.00	-573.8	0.00	573.81	3,814.81	964.42	3,821.67	3,261.05	1.1	-0.36	0.189
35.00	-48.47	-5.41	0.00	-546.5	0.00	546.50	3,757.86	941.12	3,639.27	3,134.00	1.5	-0.42	0.187
40.00	-46.91	-5.35	0.00	-519.5	0.00	519.47	3,699.17	917.81	3,461.32	3,007.91	1.98	-0.49	0.185
43.58	-45.80	-5.32	0.00	-500.3	0.00	500.30	3,656.03	901.11	3,336.53	2,918.19	2.36	-0.53	0.184
45.00	-45.11	-5.28	0.00	-492.8	0.00	492.76	3,638.73	894.51	3,287.83	2,882.88	2.52	-0.55	0.183
49.50	-42.95	-5.23	0.00	-469.0	0.00	469.01	2,874.54	753.73	2,758.49	2,271.41	3.08	-0.62	0.221
50.00	-42.81	-5.20	0.00	-466.4	0.00	466.39	2,870.35	751.76	2,744.08	2,262.10	3.14	-0.62	0.221
55.00	-41.47	-5.14	0.00	-440.4	0.00	440.39	2,827.44	732.04	2,602.05	2,169.33	3.84	-0.7	0.218
60.00	-40.15	-5.07	0.00	-414.7	0.00	414.70	2,782.79	712.32	2,463.79	2,077.03	4.62	-0.78	0.214
65.00	-38.86	-5.00	0.00	-389.4	0.00	389.36	2,736.40	692.60	2,329.31	1,985.34	5.48	-0.87	0.210
70.00	-37.59	-4.93	0.00	-364.4	0.00	364.35	2,688.26	672.88	2,198.59	1,894.35	6.43	-0.95	0.206
75.00	-36.36	-4.86	0.00	-339.7	0.00	339.71	2,638.38	653.16	2,071.66	1,804.18	7.47	-1.03	0.202
80.00	-35.15	-4.78	0.00	-315.4	0.00	315.42	2,586.75	633.44	1,948.50	1,714.92	8.6	-1.12	0.198
85.00	-33.97	-4.73	0.00	-291.5	0.00	291.50	2,533.37	613.72	1,829.11	1,626.71	9.82	-1.21	0.193
86.08	-33.72	-4.70	0.00	-286.4	0.00	286.37	2,521.58	609.45	1,803.74	1,607.74	10.1	-1.23	0.192
90.00	-32.36	-4.64	0.00	-268.0	0.00	267.97	2,478.25	594.00	1,713.49	1,539.63	11.14	-1.3	0.187
91.00	-32.01	-4.61	0.00	-263.3	0.00	263.32	1,898.74	492.73	1,440.76	1,198.46	11.41	-1.32	0.237
95.00	-31.20	-4.55	0.00	-244.9	0.00	244.89	1,869.75	479.82	1,366.29	1,148.97	12.55	-1.39	0.230
100.00	-30.21	-4.48	0.00	-222.2	0.00	222.15	1,831.95	463.68	1,275.97	1,087.54	14.06	-1.5	0.221
105.00	-29.24	-4.41	0.00	-199.8	0.00	199.76	1,792.41	447.55	1,188.74	1,026.68	15.68	-1.6	0.211
110.00	-28.30	-4.34	0.00	-177.7	0.00	177.72	1,751.12	431.41	1,104.60	966.51	17.42	-1.71	0.200
115.00	-27.38	-4.26	0.00	-156.0	0.00	156.05	1,708.08	415.28	1,023.55	907.14	19.26	-1.81	0.188
120.00	-26.49	-4.21	0.00	-134.7	0.00	134.74	1,663.30	399.14	945.59	848.67	21.21	-1.91	0.175
120.83	-26.34	-4.18	0.00	-131.2	0.00	131.24	1,655.67	396.46	932.89	839.02	21.54	-1.93	0.172
125.00	-25.36	-4.10	0.00	-113.8	0.00	113.83	921.74	260.26	603.01	461.70	23.26	-2.01	0.274
130.00	-24.65	-4.03	0.00	-93.3	0.00	93.34	903.90	249.51	554.22	433.91	25.41	-2.1	0.243
135.00	-20.85	-3.45	0.00	-73.2	0.00	73.18	884.30	238.75	507.48	406.06	27.67	-2.22	0.204
140.00	-20.22	-3.37	0.00	-56.0	0.00	55.95	862.97	228.00	462.80	378.27	30.05	-2.32	0.172
145.00	-19.62	-3.30	0.00	-39.1	0.00	39.08	839.89	217.24	420.18	350.64	32.52	-2.41	0.135
149.00	-11.75	-2.05	0.00	-25.8	0.00	25.80	820.16	208.64	387.57	328.72	34.57	-2.46	0.093
150.00	-11.64	-2.01	0.00	-23.8	0.00	23.75	815.06	206.49	379.62	323.27	35.08	-2.48	0.088
155.00	-11.15	-1.93	0.00	-13.7	0.00	13.70	788.49	195.73	341.12	296.29	37.7	-2.52	0.060
159.00	-5.09	-1.07	0.00	-6.0	0.00	6.00	765.97	187.13	311.80	275.05	39.83	-2.54	0.028
160.00	-5.00	-1.04	0.00	-4.9	0.00	4.92	760.17	184.98	304.68	269.80	40.36	-2.55	0.025
160.00	-5.00	-1.04	0.00	-4.9	0.00	4.92	505.62	151.69	181.70	182.79	40.36	-2.55	0.037
164.00	-1.18	-0.19	0.00	-0.8	0.00	0.77	505.62	151.69	181.70	182.79	42.5	-2.56	0.007
165.00	-1.10	-0.18	0.00	-0.6	0.00	0.58	505.62	151.69	181.70	182.79	43.03	-2.56	0.005
166.00	-0.58	-0.08	0.00	-0.4	0.00	0.40	505.62	151.69	181.70	182.79	43.57	-2.56	0.003
170.00	-0.25	-0.03	0.00	-0.1	0.00	0.08	505.62	151.69	181.70	182.79	45.71	-2.56	0.001
173.00	0.00	-0.02	0.00	0.0	0.00	0.00	505.62	151.69	181.70	182.79	47.32	-2.56	0.000

CALCULATED FORCES

Load Case: 1.0D + 1.0W 60 mph Wind with No Ice 29 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	-40.14	-5.97	0.00	-728.7	0.00	728.67	4,119.85	1,104.25	5,009.78	4,037.34	0	0	0.190
5.00	-38.86	-5.89	0.00	-698.8	0.00	698.83	4,073.38	1,080.95	4,800.61	3,906.84	0.03	-0.05	0.188
10.00	-37.61	-5.81	0.00	-669.4	0.00	669.37	4,025.15	1,057.64	4,595.90	3,776.64	0.12	-0.11	0.187
15.00	-36.38	-5.74	0.00	-640.3	0.00	640.31	3,975.18	1,034.34	4,395.65	3,646.86	0.26	-0.17	0.185
20.00	-35.18	-5.66	0.00	-611.6	0.00	611.63	3,923.47	1,011.03	4,199.87	3,517.59	0.47	-0.23	0.183
25.00	-33.99	-5.58	0.00	-583.3	0.00	583.34	3,870.01	987.73	4,008.54	3,388.95	0.74	-0.29	0.181
30.00	-32.83	-5.51	0.00	-555.4	0.00	555.42	3,814.81	964.42	3,821.67	3,261.05	1.07	-0.35	0.179
35.00	-31.69	-5.43	0.00	-527.9	0.00	527.87	3,757.86	941.12	3,639.27	3,134.00	1.47	-0.41	0.177
40.00	-30.58	-5.36	0.00	-500.7	0.00	500.72	3,699.17	917.81	3,461.32	3,007.91	1.93	-0.47	0.175
43.58	-29.79	-5.32	0.00	-481.5	0.00	481.51	3,656.03	901.11	3,336.53	2,918.19	2.3	-0.52	0.173
45.00	-29.27	-5.27	0.00	-474.0	0.00	473.98	3,638.73	894.51	3,287.83	2,882.88	2.46	-0.54	0.172
49.50	-27.64	-5.21	0.00	-450.3	0.00	450.28	2,874.54	753.73	2,758.49	2,271.41	2.99	-0.6	0.208
50.00	-27.54	-5.17	0.00	-447.7	0.00	447.68	2,870.35	751.76	2,744.08	2,262.10	3.06	-0.61	0.208
55.00	-26.61	-5.09	0.00	-421.8	0.00	421.82	2,827.44	732.04	2,602.05	2,169.33	3.73	-0.68	0.204
60.00	-25.69	-5.00	0.00	-396.4	0.00	396.40	2,782.79	712.32	2,463.79	2,077.03	4.48	-0.76	0.200
65.00	-24.80	-4.91	0.00	-371.4	0.00	371.40	2,736.40	692.60	2,329.31	1,985.34	5.32	-0.84	0.196
70.00	-23.92	-4.82	0.00	-346.8	0.00	346.85	2,688.26	672.88	2,198.59	1,894.35	6.24	-0.92	0.192
75.00	-23.06	-4.73	0.00	-322.7	0.00	322.73	2,638.38	653.16	2,071.66	1,804.18	7.24	-1	0.188
80.00	-22.23	-4.65	0.00	-299.1	0.00	299.06	2,586.75	633.44	1,948.50	1,714.92	8.33	-1.08	0.183
85.00	-21.41	-4.58	0.00	-275.8	0.00	275.83	2,533.37	613.72	1,829.11	1,626.71	9.5	-1.16	0.178
86.08	-21.23	-4.54	0.00	-270.9	0.00	270.87	2,521.58	609.45	1,803.74	1,607.74	9.77	-1.18	0.177
90.00	-20.23	-4.49	0.00	-253.1	0.00	253.07	2,478.25	594.00	1,713.49	1,539.63	10.77	-1.25	0.173
91.00	-19.97	-4.44	0.00	-248.6	0.00	248.58	1,898.74	492.73	1,440.76	1,198.46	11.03	-1.27	0.218
95.00	-19.42	-4.37	0.00	-230.8	0.00	230.81	1,869.75	479.82	1,366.29	1,148.97	12.12	-1.34	0.211
100.00	-18.75	-4.28	0.00	-209.0	0.00	208.98	1,831.95	463.68	1,275.97	1,087.54	13.57	-1.43	0.202
105.00	-18.10	-4.20	0.00	-187.6	0.00	187.57	1,792.41	447.55	1,188.74	1,026.68	15.13	-1.53	0.193
110.00	-17.46	-4.11	0.00	-166.6	0.00	166.59	1,751.12	431.41	1,104.60	966.51	16.78	-1.63	0.182
115.00	-16.83	-4.03	0.00	-146.0	0.00	146.03	1,708.08	415.28	1,023.55	907.14	18.54	-1.73	0.171
120.00	-16.22	-3.97	0.00	-125.9	0.00	125.89	1,663.30	399.14	945.59	848.67	20.4	-1.82	0.158
120.83	-16.12	-3.93	0.00	-122.6	0.00	122.58	1,655.67	396.46	932.89	839.02	20.72	-1.84	0.156
125.00	-15.42	-3.85	0.00	-106.2	0.00	106.19	921.74	260.26	603.01	461.70	22.36	-1.91	0.247
130.00	-14.96	-3.77	0.00	-86.9	0.00	86.94	903.90	249.51	554.22	433.91	24.4	-2	0.217
135.00	-12.41	-3.24	0.00	-68.1	0.00	68.08	884.30	238.75	507.48	406.06	26.56	-2.11	0.182
140.00	-12.01	-3.16	0.00	-51.9	0.00	51.91	862.97	228.00	462.80	378.27	28.81	-2.2	0.151
145.00	-11.62	-3.08	0.00	-36.1	0.00	36.12	839.89	217.24	420.18	350.64	31.17	-2.28	0.117
149.00	-7.00	-1.89	0.00	-23.7	0.00	23.67	820.16	208.64	387.57	328.72	33.1	-2.34	0.081
150.00	-6.94	-1.84	0.00	-21.8	0.00	21.79	815.06	206.49	379.62	323.27	33.59	-2.35	0.076
155.00	-6.63	-1.77	0.00	-12.6	0.00	12.56	788.49	195.73	341.12	296.29	36.08	-2.39	0.051
159.00	-2.71	-1.02	0.00	-5.5	0.00	5.49	765.97	187.13	311.80	275.05	38.09	-2.41	0.024
160.00	-2.65	-1.00	0.00	-4.5	0.00	4.47	760.17	184.98	304.68	269.80	38.59	-2.41	0.020
160.00	-2.65	-1.00	0.00	-4.5	0.00	4.47	505.62	151.69	181.70	182.79	38.59	-2.41	0.030
164.00	-0.74	-0.14	0.00	-0.5	0.00	0.48	505.62	151.69	181.70	182.79	40.62	-2.42	0.004
165.00	-0.68	-0.13	0.00	-0.4	0.00	0.35	505.62	151.69	181.70	182.79	41.12	-2.42	0.003
166.00	-0.38	-0.04	0.00	-0.2	0.00	0.22	505.62	151.69	181.70	182.79	41.63	-2.42	0.002
170.00	-0.16	-0.02	0.00	-0.0	0.00	0.05	505.62	151.69	181.70	182.79	43.66	-2.42	0.001
173.00	0.00	-0.01	0.00	0.0	0.00	0.00	505.62	151.69	181.70	182.79	45.18	-2.42	0.000

EQUIVALENT LATERAL FORCES METHOD ANALYSIS

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

Spectral Response Acceleration for Short Period (S_S):	0.200
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}):	0.213
Design Spectral Response Acceleration at 1.0 Second Period (S_{d1}):	0.086
Seismic Response Coefficient (C_s):	0.030
Upper Limit C_S:	0.030
Lower Limit C_S:	0.030
Period based on Rayleigh Method (sec):	3.690
Redundancy Factor (p):	1.000
Seismic Force Distribution Exponent (k):	2.000
Total Unfactored Dead Load:	40.140 k
Seismic Base Shear (E):	1.200 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)
44	171.5	164	4,819	0.010	13	204
43	168	218	6,166	0.013	16	271
42	165.5	58	1,600	0.004	4	73
41	164.5	58	1,580	0.003	4	73
40	162.0001	313	8,213	0.018	22	389
39	159.5001	60	1,519	0.003	4	74
38	157	243	5,988	0.013	16	302
37	152.5	313	7,281	0.016	19	389
36	149.5	64	1,427	0.003	4	79
35	147	303	6,544	0.014	17	376
34	142.5	388	7,877	0.017	21	482
33	137.5	398	7,531	0.016	20	495
32	132.5	447	7,840	0.017	21	555
31	127.5	457	7,429	0.016	19	568
30	122.9167	704	10,631	0.023	28	874
29	120.4167	99	1,439	0.003	4	123
28	117.5	605	8,348	0.018	22	751
27	112.5	620	7,851	0.017	21	771
26	107.5	636	7,349	0.016	19	790
25	102.5	652	6,846	0.015	18	810
24	97.5	667	6,343	0.014	17	829
23	93	545	4,714	0.010	12	677
22	90.5	253	2,069	0.004	5	314
21	88.0417	1,003	7,773	0.017	20	1,246
20	85.5417	174	1,273	0.003	3	216
19	82.5	814	5,543	0.012	15	1,012
18	77.5	834	5,007	0.011	13	1,036
17	72.5	853	4,482	0.010	12	1,060
16	67.5	872	3,972	0.009	10	1,083
15	62.5	891	3,480	0.008	9	1,107
14	57.5	910	3,009	0.007	8	1,131
13	52.5	929	2,561	0.006	7	1,155
12	49.75	94	233	0.000	1	117
11	47.25	1,626	3,629	0.008	10	2,020
10	44.2917	519	1,018	0.002	3	645
9	41.7917	782	1,366	0.003	4	972
8	37.5	1,111	1,562	0.003	4	1,381
7	32.5	1,134	1,197	0.003	3	1,409

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)
6	27.5	1,156	874	0.002	2	1,437
5	22.5	1,179	597	0.001	2	1,465
4	17.5	1,201	368	0.001	1	1,493
3	12.5	1,224	191	0.000	1	1,521
2	7.5	1,247	70	0.000	0	1,549
1	2.5	1,269	8	0.000	0	1,577
Ericsson Air 6449 B77D	166	245	6,746	0.015	18	304
Raycap DC6-48-60-18-8F (23.5" Height)	164	40	1,076	0.002	3	50
Ericsson RRUS 4426 B66	164	145	3,905	0.008	10	180
Ericsson RRUS 4449 B5, B12	164	213	5,729	0.012	15	265
Ericsson RRUS 4478 B14	164	178	4,793	0.010	13	221
Ericsson RRUS 32 B2	164	159	4,276	0.009	11	198
Ericsson RRUS 32 B30	164	180	4,841	0.010	13	224
Ericsson AIR 6419 B77G	164	198	5,333	0.012	14	246
Raycap DC9-48-60-24-8C-EV	164	16	430	0.001	1	20
CCI TPA-65R-BU6DA-K	164	69	1,856	0.004	5	86
CCI DMP65R-BU6DA	164	79	2,136	0.005	6	99
CCI DMP65R-BU8D	164	191	5,148	0.011	13	238
CCI TPA65R-BU8D	164	165	4,438	0.010	12	205
Generic Mount Reinforcement	159	1,200	30,337	0.066	80	1,491
Generic Mount Reinforcement	149	600	13,321	0.029	35	746
Generic Flat Platform with Handrails	159	2,500	63,202	0.138	166	3,107
Generic Flat Platform with Handrails	149	2,500	55,502	0.121	146	3,107
Commscope CBC78T-DS-43-2X	149	62	1,379	0.003	4	77
Kaelus KA-6030	149	35	781	0.002	2	44
Samsung B2/B66A RRH-BR049	149	253	5,621	0.012	15	315
Samsung B5/B13 RRH-BR04C	149	211	4,682	0.010	12	262
Andrew DB844H80E-XY	149	60	1,332	0.003	3	75
Raycap RVZDC-6627-PF-48	149	32	710	0.002	2	40
Samsung MT6407-77A	149	245	5,435	0.012	14	304
Commscope JAHH-65B-R3B	149	364	8,072	0.018	21	452
Generic 42" x 6" Panel	135	240	4,374	0.010	11	298
Generic Flat Low Profile Platform	135	1,875	34,172	0.074	90	2,330
	Totals:	**40,141**	**459,249**	**1.000**	**1,204**	**49,882**

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)
44	171.5	164	4,819	0.010	13	140
43	168	218	6,166	0.013	16	187
42	165.5	58	1,600	0.004	4	50
41	164.5	58	1,580	0.003	4	50
40	162.0001	313	8,213	0.018	22	268
39	159.5001	60	1,519	0.003	4	51
38	157	243	5,988	0.013	16	208
37	152.5	313	7,281	0.016	19	268
36	149.5	64	1,427	0.003	4	55
35	147	303	6,544	0.014	17	260
34	142.5	388	7,877	0.017	21	333
33	137.5	398	7,531	0.016	20	342
32	132.5	447	7,840	0.017	21	383
31	127.5	457	7,429	0.016	19	392
30	122.9167	704	10,631	0.023	28	603
29	120.4167	99	1,439	0.003	4	85
28	117.5	605	8,348	0.018	22	518
27	112.5	620	7,851	0.017	21	532
26	107.5	636	7,349	0.016	19	545
25	102.5	652	6,846	0.015	18	559
24	97.5	667	6,343	0.014	17	572
23	93	545	4,714	0.010	12	467

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)
22	90.5	253	2,069	0.004	5	217
21	88.0417	1,003	7,773	0.017	20	860
20	85.5417	174	1,273	0.003	3	149
19	82.5	814	5,543	0.012	15	698
18	77.5	834	5,007	0.011	13	715
17	72.5	853	4,482	0.010	12	731
16	67.5	872	3,972	0.009	10	747
15	62.5	891	3,480	0.008	9	764
14	57.5	910	3,009	0.007	8	780
13	52.5	929	2,561	0.006	7	797
12	49.75	94	233	0.000	1	81
11	47.25	1,626	3,629	0.008	10	1,394
10	44.2917	519	1,018	0.002	3	445
9	41.7917	782	1,366	0.003	4	671
8	37.5	1,111	1,562	0.003	4	952
7	32.5	1,134	1,197	0.003	3	972
6	27.5	1,156	874	0.002	2	991
5	22.5	1,179	597	0.001	2	1,011
4	17.5	1,201	368	0.001	1	1,030
3	12.5	1,224	191	0.000	1	1,049
2	7.5	1,247	70	0.000	0	1,069
1	2.5	1,269	8	0.000	0	1,088
Ericsson Air 6449 B77D	166	245	6,746	0.015	18	210
Raycap DC6-48-60-18-8F (23.5" Height)	164	40	1,076	0.002	3	34
Ericsson RRUS 4426 B66	164	145	3,905	0.008	10	124
Ericsson RRUS 4449 B5, B12	164	213	5,729	0.012	15	183
Ericsson RRUS 4478 B14	164	178	4,793	0.010	13	153
Ericsson RRUS 32 B2	164	159	4,276	0.009	11	136
Ericsson RRUS 32 B30	164	180	4,841	0.010	13	154
Ericsson AIR 6419 B77G	164	198	5,333	0.012	14	170
Raycap DC9-48-60-24-8C-EV	164	16	430	0.001	1	14
CCI TPA-65R-BU6DA-K	164	69	1,856	0.004	5	59
CCI DMP65R-BU6DA	164	79	2,136	0.005	6	68
CCI DMP65R-BU8D	164	191	5,148	0.011	13	164
CCI TPA65R-BU8D	164	165	4,438	0.010	12	141
Generic Mount Reinforcement	159	1,200	30,337	0.066	80	1,029
Generic Mount Reinforcement	149	600	13,321	0.029	35	514
Generic Flat Platform with Handrails	159	2,500	63,202	0.138	166	2,143
Generic Flat Platform with Handrails	149	2,500	55,502	0.121	146	2,143
Commscope CBC78T-DS-43-2X	149	62	1,379	0.003	4	53
Kaelus KA-6030	149	35	781	0.002	2	30
Samsung B2/B66A RRH-BR049	149	253	5,621	0.012	15	217
Samsung B5/B13 RRH-BR04C	149	211	4,682	0.010	12	181
Andrew DB844H80E-XY	149	60	1,332	0.003	3	51
Raycap RVZDC-6627-PF-48	149	32	710	0.002	2	27
Samsung MT6407-77A	149	245	5,435	0.012	14	210
Commscope JAHH-65B-R3B	149	364	8,072	0.018	21	312
Generic 42" x 6" Panel	135	240	4,374	0.010	11	206
Generic Flat Low Profile Platform	135	1,875	34,172	0.074	90	1,608
	Totals:	**40,141**	**459,249**	**1.000**	**1,204**	**34,414**

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	-48.30	-1.21	0.00	-183.52	0.00	183.52	4,119.85	1,104.25	5,010	4,037.34	0.00	0.00	0.06
5.00	-46.76	-1.22	0.00	-177.47	0.00	177.47	4,073.38	1,080.95	4,801	3,906.84	0.01	-0.01	0.06
10.00	-45.23	-1.23	0.00	-171.37	0.00	171.37	4,025.15	1,057.64	4,596	3,776.64	0.03	-0.03	0.06
15.00	-43.74	-1.24	0.00	-165.21	0.00	165.21	3,975.18	1,034.34	4,396	3,646.86	0.07	-0.04	0.06

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
20.00	-42.28	-1.25	0.00	-159.01	0.00	159.01	3,923.47	1,011.03	4,200	3,517.59	0.12	-0.06	0.06
25.00	-40.84	-1.26	0.00	-152.77	0.00	152.77	3,870.01	987.73	4,009	3,388.95	0.19	-0.07	0.06
30.00	-39.43	-1.26	0.00	-146.49	0.00	146.49	3,814.81	964.42	3,822	3,261.05	0.27	-0.09	0.06
35.00	-38.05	-1.27	0.00	-140.17	0.00	140.17	3,757.86	941.12	3,639	3,134.00	0.38	-0.11	0.06
40.00	-37.08	-1.27	0.00	-133.84	0.00	133.84	3,699.17	917.81	3,461	3,007.91	0.50	-0.12	0.06
43.58	-36.43	-1.27	0.00	-129.29	0.00	129.29	3,656.03	901.11	3,337	2,918.19	0.59	-0.14	0.05
45.00	-34.41	-1.26	0.00	-127.48	0.00	127.48	3,638.73	894.51	3,288	2,882.88	0.63	-0.14	0.05
49.50	-34.29	-1.27	0.00	-121.79	0.00	121.79	2,874.54	753.73	2,758	2,271.41	0.77	-0.16	0.07
50.00	-33.14	-1.27	0.00	-121.16	0.00	121.16	2,870.35	751.76	2,744	2,262.10	0.79	-0.16	0.07
55.00	-32.01	-1.27	0.00	-114.83	0.00	114.83	2,827.44	732.04	2,602	2,169.33	0.97	-0.18	0.06
60.00	-30.90	-1.26	0.00	-108.50	0.00	108.50	2,782.79	712.32	2,464	2,077.03	1.17	-0.20	0.06
65.00	-29.82	-1.26	0.00	-102.18	0.00	102.18	2,736.40	692.60	2,329	1,985.34	1.39	-0.22	0.06
70.00	-28.76	-1.26	0.00	-95.87	0.00	95.87	2,688.26	672.88	2,199	1,894.35	1.63	-0.24	0.06
75.00	-27.72	-1.25	0.00	-89.59	0.00	89.59	2,638.38	653.16	2,072	1,804.18	1.90	-0.27	0.06
80.00	-26.71	-1.24	0.00	-83.34	0.00	83.34	2,586.75	633.44	1,948	1,714.92	2.19	-0.29	0.06
85.00	-26.49	-1.24	0.00	-77.13	0.00	77.13	2,533.37	613.72	1,829	1,626.71	2.50	-0.31	0.06
86.08	-25.25	-1.22	0.00	-75.79	0.00	75.79	2,521.58	609.45	1,804	1,607.74	2.58	-0.32	0.06
90.00	-24.93	-1.22	0.00	-71.00	0.00	71.00	2,478.25	594.00	1,713	1,539.63	2.84	-0.34	0.06
91.00	-24.25	-1.21	0.00	-69.78	0.00	69.78	1,898.74	492.73	1,441	1,198.46	2.92	-0.34	0.07
95.00	-23.42	-1.20	0.00	-64.95	0.00	64.95	1,869.75	479.82	1,366	1,148.97	3.21	-0.36	0.07
100.00	-22.61	-1.18	0.00	-58.97	0.00	58.97	1,831.95	463.68	1,276	1,087.54	3.60	-0.39	0.07
105.00	-21.82	-1.17	0.00	-53.05	0.00	53.05	1,792.41	447.55	1,189	1,026.68	4.02	-0.42	0.06
110.00	-21.05	-1.15	0.00	-47.20	0.00	47.20	1,751.12	431.41	1,105	966.51	4.47	-0.44	0.06
115.00	-20.30	-1.14	0.00	-41.44	0.00	41.44	1,708.08	415.28	1,024	907.14	4.95	-0.47	0.06
120.00	-20.18	-1.14	0.00	-35.76	0.00	35.76	1,663.30	399.14	946	848.67	5.46	-0.50	0.05
120.83	-19.30	-1.10	0.00	-34.82	0.00	34.82	1,655.67	396.46	933	839.02	5.55	-0.50	0.05
125.00	-18.73	-1.09	0.00	-30.21	0.00	30.21	921.74	260.26	603	461.70	6.00	-0.52	0.09
130.00	-18.18	-1.07	0.00	-24.78	0.00	24.78	903.90	249.51	554	433.91	6.56	-0.55	0.08
135.00	-15.06	-0.93	0.00	-19.42	0.00	19.42	884.30	238.75	507	406.06	7.15	-0.58	0.07
140.00	-14.57	-0.91	0.00	-14.79	0.00	14.79	862.97	228.00	463	378.27	7.77	-0.61	0.06
145.00	-14.20	-0.89	0.00	-10.25	0.00	10.25	839.89	217.24	420	350.64	8.42	-0.63	0.05
149.00	-8.70	-0.57	0.00	-6.69	0.00	6.69	820.16	208.64	388	328.72	8.96	-0.64	0.03
150.00	-8.31	-0.55	0.00	-6.11	0.00	6.11	815.06	206.49	380	323.27	9.09	-0.65	0.03
155.00	-8.01	-0.53	0.00	-3.36	0.00	3.36	788.49	195.73	341	296.29	9.78	-0.66	0.02
159.00	-3.34	-0.23	0.00	-1.22	0.00	1.22	765.97	187.13	312	275.05	10.33	-0.66	0.01
160.00	-2.95	-0.20	0.00	-0.99	0.00	0.99	760.17	184.98	305	269.80	10.47	-0.67	0.01
160.00	-2.95	-0.20	0.00	-0.99	0.00	0.99	505.62	151.69	182	182.79	10.47	-0.67	0.01
164.00	-0.85	-0.06	0.00	-0.18	0.00	0.18	505.62	151.69	182	182.79	11.03	-0.67	0.00
165.00	-0.78	-0.06	0.00	-0.12	0.00	0.12	505.62	151.69	182	182.79	11.17	-0.67	0.00
166.00	-0.20	-0.01	0.00	-0.06	0.00	0.06	505.62	151.69	182	182.79	11.31	-0.67	0.00
170.00	0.00	0.00	0.00	0.00	0.00	0.00	505.62	151.69	182	182.79	11.87	-0.67	0.00
173.00	0.00	0.00	0.00	0.00	0.00	0.00	505.62	151.69	182	182.79	12.29	-0.67	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	-33.33	-1.21	0.00	-177.19	0.00	177.19	4,119.85	1,104.25	5,010	4,037.34	0.00	0.00	0.05
5.00	-32.26	-1.21	0.00	-171.15	0.00	171.15	4,073.38	1,080.95	4,801	3,906.84	0.01	-0.01	0.05
10.00	-31.21	-1.22	0.00	-165.08	0.00	165.08	4,025.15	1,057.64	4,596	3,776.64	0.03	-0.03	0.05
15.00	-30.18	-1.23	0.00	-158.98	0.00	158.98	3,975.18	1,034.34	4,396	3,646.86	0.06	-0.04	0.05
20.00	-29.17	-1.23	0.00	-152.84	0.00	152.84	3,923.47	1,011.03	4,200	3,517.59	0.12	-0.06	0.05
25.00	-28.17	-1.24	0.00	-146.68	0.00	146.68	3,870.01	987.73	4,009	3,388.95	0.18	-0.07	0.05
30.00	-27.20	-1.24	0.00	-140.50	0.00	140.50	3,814.81	964.42	3,822	3,261.05	0.26	-0.09	0.05
35.00	-26.25	-1.24	0.00	-134.31	0.00	134.31	3,757.86	941.12	3,639	3,134.00	0.36	-0.10	0.05
40.00	-25.58	-1.24	0.00	-128.10	0.00	128.10	3,699.17	917.81	3,461	3,007.91	0.48	-0.12	0.05
43.58	-25.13	-1.24	0.00	-123.65	0.00	123.65	3,656.03	901.11	3,337	2,918.19	0.57	-0.13	0.05
45.00	-23.74	-1.23	0.00	-121.89	0.00	121.89	3,638.73	894.51	3,288	2,882.88	0.61	-0.13	0.05
49.50	-23.66	-1.24	0.00	-116.34	0.00	116.34	2,874.54	753.73	2,758	2,271.41	0.74	-0.15	0.06

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	-22.86	-1.23	0.00	-115.72	0.00	115.72	2,870.35	751.76	2,744	2,262.10	0.76	-0.15	0.06
55.00	-22.08	-1.23	0.00	-109.56	0.00	109.56	2,827.44	732.04	2,602	2,169.33	0.93	-0.17	0.06
60.00	-21.32	-1.23	0.00	-103.41	0.00	103.41	2,782.79	712.32	2,464	2,077.03	1.12	-0.19	0.06
65.00	-20.57	-1.22	0.00	-97.29	0.00	97.29	2,736.40	692.60	2,329	1,985.34	1.33	-0.21	0.06
70.00	-19.84	-1.21	0.00	-91.19	0.00	91.19	2,688.26	672.88	2,199	1,894.35	1.57	-0.23	0.06
75.00	-19.12	-1.20	0.00	-85.13	0.00	85.13	2,638.38	653.16	2,072	1,804.18	1.82	-0.25	0.05
80.00	-18.42	-1.19	0.00	-79.11	0.00	79.11	2,586.75	633.44	1,948	1,714.92	2.10	-0.28	0.05
85.00	-18.28	-1.19	0.00	-73.14	0.00	73.14	2,533.37	613.72	1,829	1,626.71	2.40	-0.30	0.05
86.08	-17.42	-1.17	0.00	-71.85	0.00	71.85	2,521.58	609.45	1,804	1,607.74	2.47	-0.30	0.05
90.00	-17.20	-1.17	0.00	-67.26	0.00	67.26	2,478.25	594.00	1,713	1,539.63	2.73	-0.32	0.05
91.00	-16.73	-1.16	0.00	-66.09	0.00	66.09	1,898.74	492.73	1,441	1,198.46	2.79	-0.33	0.06
95.00	-16.16	-1.14	0.00	-61.46	0.00	61.46	1,869.75	479.82	1,366	1,148.97	3.08	-0.34	0.06
100.00	-15.60	-1.13	0.00	-55.75	0.00	55.75	1,831.95	463.68	1,276	1,087.54	3.45	-0.37	0.06
105.00	-15.05	-1.11	0.00	-50.10	0.00	50.10	1,792.41	447.55	1,189	1,026.68	3.85	-0.40	0.06
110.00	-14.52	-1.10	0.00	-44.54	0.00	44.54	1,751.12	431.41	1,105	966.51	4.28	-0.42	0.05
115.00	-14.00	-1.08	0.00	-39.06	0.00	39.06	1,708.08	415.28	1,024	907.14	4.74	-0.45	0.05
120.00	-13.92	-1.07	0.00	-33.69	0.00	33.69	1,663.30	399.14	946	848.67	5.22	-0.47	0.05
120.83	-13.31	-1.04	0.00	-32.79	0.00	32.79	1,655.67	396.46	933	839.02	5.30	-0.48	0.05
125.00	-12.92	-1.03	0.00	-28.44	0.00	28.44	921.74	260.26	603	461.70	5.73	-0.50	0.08
130.00	-12.54	-1.01	0.00	-23.30	0.00	23.30	903.90	249.51	554	433.91	6.27	-0.52	0.07
135.00	-10.39	-0.87	0.00	-18.26	0.00	18.26	884.30	238.75	507	406.06	6.83	-0.55	0.06
140.00	-10.05	-0.85	0.00	-13.90	0.00	13.90	862.97	228.00	463	378.27	7.42	-0.58	0.05
145.00	-9.79	-0.84	0.00	-9.63	0.00	9.63	839.89	217.24	420	350.64	8.03	-0.60	0.04
149.00	-6.00	-0.54	0.00	-6.29	0.00	6.29	820.16	208.64	388	328.72	8.54	-0.61	0.03
150.00	-5.73	-0.52	0.00	-5.75	0.00	5.75	815.06	206.49	380	323.27	8.67	-0.61	0.03
155.00	-5.53	-0.50	0.00	-3.16	0.00	3.16	788.49	195.73	341	296.29	9.32	-0.63	0.02
159.00	-2.31	-0.22	0.00	-1.15	0.00	1.15	765.97	187.13	312	275.05	9.85	-0.63	0.01
160.00	-2.04	-0.19	0.00	-0.93	0.00	0.93	760.17	184.98	305	269.80	9.98	-0.63	0.01
160.00	-2.04	-0.19	0.00	-0.93	0.00	0.93	505.62	151.69	182	182.79	9.98	-0.63	0.01
164.00	-0.59	-0.06	0.00	-0.17	0.00	0.17	505.62	151.69	182	182.79	10.51	-0.63	0.00
165.00	-0.54	-0.05	0.00	-0.11	0.00	0.11	505.62	151.69	182	182.79	10.64	-0.63	0.00
166.00	-0.14	-0.01	0.00	-0.06	0.00	0.06	505.62	151.69	182	182.79	10.77	-0.63	0.00
170.00	0.00	0.00	0.00	0.00	0.00	0.00	505.62	151.69	182	182.79	11.30	-0.63	0.00
173.00	0.00	0.00	0.00	0.00	0.00	0.00	505.62	151.69	182	182.79	11.70	-0.63	0.00

ANALYSIS SUMMARY

Load Case	Base Reactions Shear FX (kips)	Shear FZ (kips)	Axial FY (kips)	Moment MX (ft-kips)	Moment MY (ft-kips)	Moment MZ (ft-kips)	Max Usage Elev (ft)	Interaction Ratio
1.2D + 1.0W	24.51	0.00	48.12	0.00	0.00	3030.87	125.00	0.99
0.9D + 1.0W	24.49	0.00	36.08	0.00	0.00	2953.13	125.00	0.93
1.2D + 1.0Di + 1.0Wi	5.79	0.00	60.20	0.00	0.00	743.36	125.00	0.27
1.2D + 1.0Ev + 1.0Eh	1.27	0.00	48.30	0.00	0.00	183.52	125.00	0.09
0.9D - 1.0Ev + 1.0Eh	1.24	0.00	33.33	0.00	0.00	177.19	125.00	0.08
1.0D + 1.0W	5.97	0.00	40.14	0.00	0.00	728.67	125.00	0.25

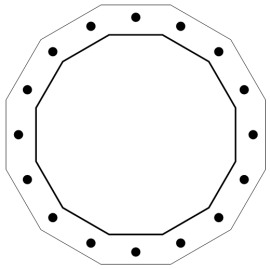
BASE PLATE ANALYSIS @ 0 FT

APPLIED REACTIONS

Moment (k-ft)	Axial (k)	Shear (k)
3030.87	48.12	24.51

PLATE PARAMETERS (ID# 15820)

Width:	62.71	in
Shape:	12	
Thickness:	2.75	in
Grade:	A633 Gr. E	
Yield Strength:	60	ksi
Tensile Strength:	80	ksi
Rod Detail Type:	c	
Clear Distance	-	in
Base Weld Size:	0.125	in
Orientation Offset:	15	°
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#16192]	Radial	16	2.25	56.71	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	48.5"ø x 0.4063" (12 Sides)	60.6894	-	-	17550.19	-
Bolt Group	Original (16) 2.25"ø	3.9761	3.2477	0.8393	19013.63	4.5

REACTION DISTRIBUTION

Component	ID	Moment M_u (k-ft)	Axial Load P_u (k)	Shear V_u (k)	Moment Factor
Pole	48.5"ø x 0.4063" (12 Sides)	3030.9	48.12	24.51	1.000
Bolt Group	Original (16) 2.25"ø	3030.9	-	24.51	1.000

BASE PLATE BEND LINE ANALYSIS @ 0 FT

POLE PROPERTIES

Flat-to-Flat Diameter:	48.62	in	Flat Width:	13.029	in	Neutral Axis:	79	°
Point-to-Point Diameter:	50.34	in	Flat Radians:	0.524	rad	Bend Line Limits:	2.527 to 3.363	rad
Orientation Offset:	15	°						

PLATE PROPERTIES

Bend Line	Chord Length (in)	Additional Length (in)	Section Modulus (in^3)	Applied Moment M_u (k-in)	Moment Capacity ΦM_n (k-in)	Flexure Result $M_u/\Phi M_n$	
Flats	35.322	0.00	66.780	741.6	3606.1	20.6%	✓
Corners	32.831	0.00	62.071	453.8	3351.8	13.5%	✓
Circumferential	37.214	0.00	70.359	628.3	3799.4	16.5%	✓

PLASTIC ANCHOR ROD ANALYSIS

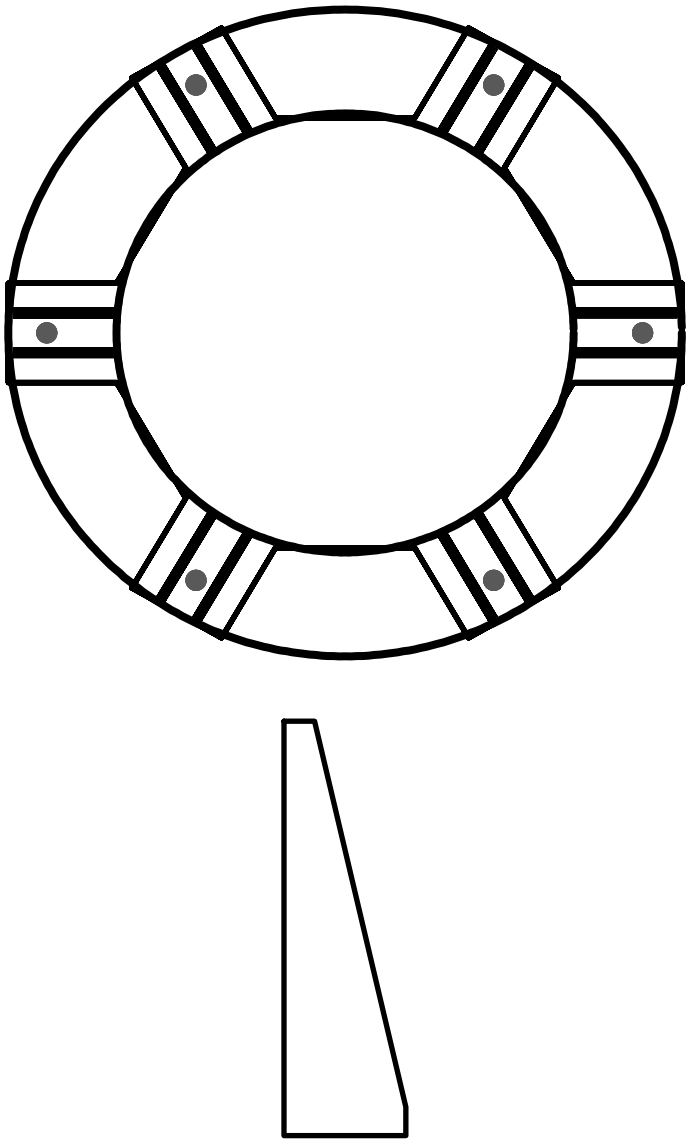
Class	Group Quantity	Rod Diameter (in)	Applied Axial Load P_u (k)	Applied Shear Load V_u (k)	Compressive Capacity ΦP_n (k)	Interaction Result	
Original	16	2.25	137.1	2.3	243.6	58.1%	✓

Lower Concealed Flange Plate Analysis @ 160'

Flange Reactions, Location, & Type		
Moment, Mu	18.54	k-ft
Axial, Pu	2.54	k
Shear, Vu	4.13	k
Elevation	160	ft
Location	Lower	-
Plate Type	Spoked	
Include Flange Plate Bearing?	No	-
Has Stiffeners?	Yes	-

Pole & Spine Geometry		
Spine Diameter	17.65	in
Spine Thickness	0.1875	in
Monopole/Outer Diameter	26	in
Monopole Thickness	0	in

Flange Bolt Parameters & Results		
Bolt Quantity	6	#
Bolt Diameter	1	in
Bolt Circle	23	in
Bolt Grade	A325	-
Bolt Yield Strength, Fy	92	ksi
Bolt Tensile Strength, Fu	120	ksi
Bolt Offset	No	
Group Bolts?	No	
Bolt Spacing		in
Moment of Inertia, I	240.4	in^2
Gross Area, Ag	0.79	in^2
Net Area, An	0.61	in^2
Bolt Max Tension, Tu	4.92	k
Bolt Max Compression, Cu	5.77	k
Tension Yielding Capacity, ΦPn	65.03	k
Tension Rupture Capacity, ΦPn	54.54	k
Flange Bolt Result	**9%**	**Pass**



Flange Plate & Stiffener Parameters		
Flange Analysis Type	Outer	-
Plate Grade	A36	-
Plate Yield Strength, Fy	36	ksi
Plate Tensile Strength, Fu	58	ksi
Plate Thickness	3/8	in
Inner Plate Diameter	17.65	in
Spoke Quantity	6	#
Spoke Width	4	in
Stiffeners per Spoke	2	#
Stiffener Thickness	0.375	in
Stiffener Height	14.5	in
Stiffener Length	4	in
Stiffener Notch	0	in
Stiffener Grade	A36	-
Stiffener Yield Strength, Fy	36	ksi
Stiffener Tensile Strength, Fu	58	ksi

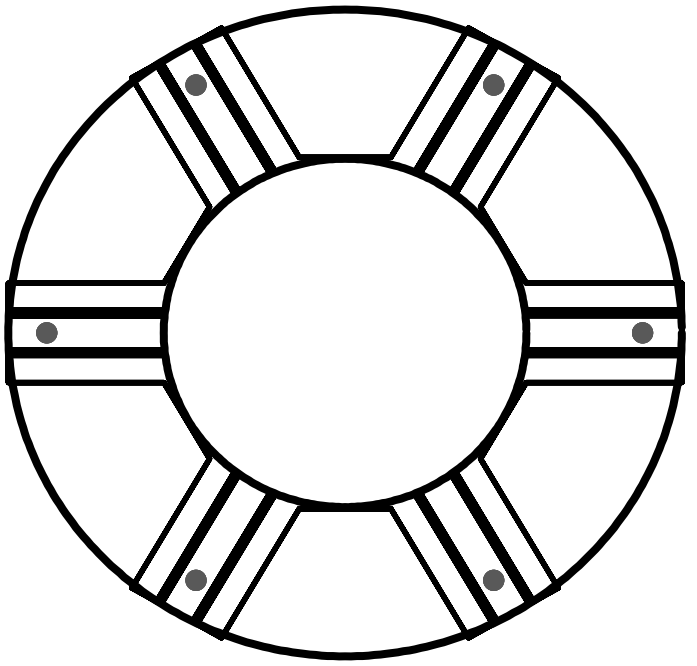
Flange Plate & Stiffener Results		
Moment Arm, a	2.675	in
Section Modulus, Z	39.563	in^3
Applied Moment, Mu	12.80	k-in
Moment Capacity, ΦMn	1281.83	k-in
Flange Plate Result	**1%**	**Pass**
Stiffener Gross Area, Ag	1.5	in^2
Stiffener Net Area, An	1.35	in^2
Crit. Buckling Stress, Fcr	33.11	ksi
Stiffener Axial Load	2.93	k
Stiffener Rupture/Yielding Capacity	48.6	k
Stiffener Buckling Capacity	44.7	k
Stiffener Axial Result	**7%**	**Pass**
Section Modulus, Z	19.711	in^3
Applied Moment, Mu	4.29	k-in
Moment Capacity, ΦMn	638.6	k-in
Stiffener Bending Result	**1%**	**Pass**

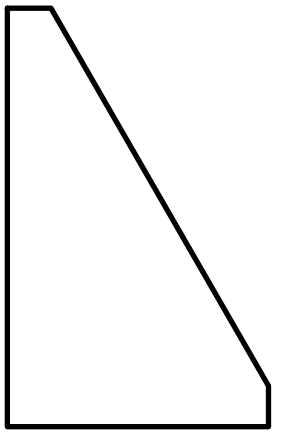
Upper Concealed Flange Plate Analysis @ 160'

Flange Reactions, Location, & Type		
Moment, Mu	18.54	k-ft
Axial, Pu	2.54	k
Shear, Vu	4.13	k
Elevation	160	ft
Location	Upper	-
Plate Type	Spoked	
Include Flange Plate Bearing?	Yes	-
Has Stiffeners?	Yes	-

Pole & Spine Geometry		
Spine Diameter	14	in
Spine Thickness	0.375	in
Monopole/Outer Diameter	26	in
Monopole Thickness	0	in

Flange Bolt Parameters & Results		
Bolt Quantity	6	#
Bolt Diameter	1	in
Bolt Circle	23	in
Bolt Grade	A325	-
Bolt Yield Strength, Fy	92	ksi
Bolt Tensile Strength, Fu	120	ksi
Bolt Offset	No	
Group Bolts?	No	
Bolt Spacing		in
Moment of Inertia, I	240.4	in^2
Gross Area, Ag	0.79	in^2
Net Area, An	0.61	in^2
Bolt Max Tension, Tu	4.92	k
Bolt Max Compression, Cu	5.77	k
Tension Yielding Capacity, ΦPn	65.03	k
Tension Rupture Capacity, ΦPn	54.54	k
Flange Bolt Result	**9%**	**Pass**





Flange Plate & Stiffener Parameters		
Flange Analysis Type	Outer	-
Plate Grade	A36	-
Plate Yield Strength, Fy	36	ksi
Plate Tensile Strength, Fu	58	ksi
Plate Thickness	3/8	in
Inner Plate Diameter	14	in
Spoke Quantity	6	#
Spoke Width	4	in
Stiffeners per Spoke	2	#
Stiffener Thickness	0.375	in
Stiffener Height	10.25	in
Stiffener Length	6	in
Stiffener Notch	0	in
Stiffener Grade	A36	-
Stiffener Yield Strength, Fy	36	ksi
Stiffener Tensile Strength, Fu	58	ksi

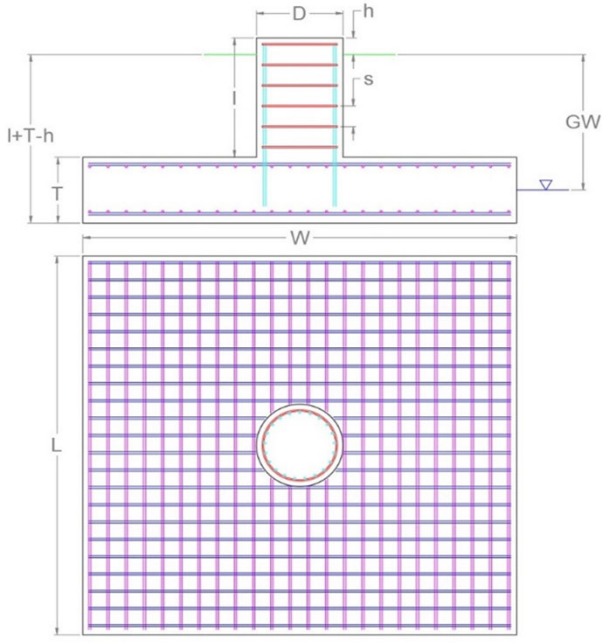
Flange Plate & Stiffener Results		
Moment Arm, a	4.500	in
Section Modulus, Z	19.840	in^3
Applied Moment, Mu	19.93	k-in
Moment Capacity, ΦMn	642.81	k-in
Flange Plate Result	**3%**	**Pass**
Stiffener Gross Area, Ag	2.25	in^2
Stiffener Net Area, An	2.025	in^2
Crit. Buckling Stress, Fcr	66.27	ksi
Stiffener Axial Load	3.38	k
Stiffener Rupture/Yielding Capacity	72.9	k
Stiffener Buckling Capacity	134.2	k
Stiffener Axial Result	**5%**	**Pass**
Section Modulus, Z	9.850	in^3
Applied Moment, Mu	7.41	k-in
Moment Capacity, ΦMn	319.1	k-in
Stiffener Bending Result	**2%**	**Pass**

Site Name: Beacon Falls, CT
Site Number: 302524
Tower Type: MP
Design Loads (Factored) - Analysis per TIA-222-H Standards

Mat & Pier Foundation Analysis

Foundation Analysis Parameters		
Design / Analysis / Mapping:	Analysis	-
Compression/Leg:	0.0	k
Uplift/Leg:	0.0	k
Global Shear:	24.5	k
Global Moment:	3,030.9	k-ft
Global Axial:	48.1	k
Depth to Base of Foundation (l + t - h):	8.958333	ft
Diameter of Pier (d):	6.5	ft
Length of Pier (l):	6.5	ft
Height of Pier above Ground (h):	0.541667	ft
Pier Shape:	Square	
If Square: Pier Taper:	Prismatic	
Pier Width at Base:	6.5	ft
Width of Pad (W):	18	ft
Length of Pad (L):	18	ft
Thickness of Pad (t):	3	ft
Tower Diameter:	4.042	ft
Number of Connection to Tower:	1	-
Tower Center from Mat Center:	0	ft
Depth Below Ground Surface to Water Table:	99	ft
Unit Weight of Soil Above Water Table:	100	pcf
Angle of Uplift:	15	°
Coefficient of Shear Friction:	0.45	-
Ultimate Compressive Bearing Pressure:	27,000	psf
Bearing Pressure Type:	Gross	-
Ultimate Passive Pressure on Pad Face:	746	psf
Ultimate Skin Friction:	0	psf
Soil Type:	Other	-
$\Phi_{Soil\ and\ Concrete\ Weight}$:	1.2	-
Φ_{Soil}:	0.75	-

Foundation Steel Parameters		
Shear/Leg (Compression):	24.5	k
Shear/Leg (Uplift):	24.5	k
Concrete Strength (f'_c):	3,000	psi
Pad Tension Steel Depth:	33.38	in
Dead Load Factor:	0.9	-
f_{Shear}:	0.75	-
$f_{Flexure\ /\ Tension}$:	0.9	-
$f_{Compression:}$	0.65	-
b:	0.85	-
Bottom Pad Rebar Size #:	10	-
# of Bottom Pad Rebar:	36	-
Pad Bottom Steel Area:	45.72	in^2
Pad Steel F_y:	60,000	psi
Top Pad Rebar Size #:	5	-
# of Top Pad Rebar:	36	-
Pad Top Steel Area:	11.16	in^2
Pier Rebar Size #:	11	-
Pier Steel Area (Single Bar):	1.56	in^2
# of Pier Rebar:	52	-
Pier Steel F_y:	60,000	psi
Pier Cage Diameter:	71.6	in
Rebar Strain Limit:	0.008	-
Steel Elastic Modulus:	29,000	ksi
Tie Rebar Size #:	4	-
Tie Steel Area (Single Bar):	0.20	in^2
Tie Spacing:	12	in
Tie Steel F_y:	60,000	psi
Clear Cover:	2	in



Overturning Moment Usage		
Design OTM:	3263.7	k-ft
OTM Resistance:	3517.3	k-ft
$M_u/\Phi_s M_n$:	92.8%	Pass

Soil Bearing Pressure Usage		
Applied Bearing Pressure:	6337.3	psf
Factored Nominal Bearing Pressure:	20250.0	psf
$P_u/\Phi_s P_n$:	31.3%	Pass
Load Direction Controling Design Bearing Pressure:	*Diagonal to Pad Edge*	

Sliding Factor of Safety		
Ultimate Friction Resistance:	177.7	k
Ultimate Passive Pressure Resistance:	40.3	k
Total Factored Sliding Resistance:	163.5	k
$V_u/\Phi_s V_n$:	15.0%	Pass

Uplift and Pullout Usage		
Applied Uplift Force:	0.0	k
Ultimate Skin Friction Resistance:	0.0	k
Factored Uplift Capacity per Leg ($\Phi_s T_n$):	266.2	k
$T_u/\Phi_s T_n$:	0%	Pass

Pad Strength Capacity			
Factored One Way Shear (V_u):	244.0	k	
Factored One Way Shear Capacity (ΦV_c):	440.7	k	*ACI 318-14 25.5.5.1*
V_u / ΦV_c:	55%	Pass	
Load Direction Controling Shear Capacity:	*Diagonal to Pad Edge*		
Lower Steel Pad Factored Moment (M_u):	1683.6	k-ft	
Factored Lower Steel Pad Moment Capacity (ΦM_n):	6705.4	k-ft	*ACI 318-14 22.3.1.1*
M_u / ΦM_n:	25%	Pass	
Load Direction Controling Flexural Capacity:	*Diagonal to Pad Edge*		
Upper Steel Pad Factored Moment (M_u):	311.2	k-ft	
Factored Upper Steel Pad Moment Capacity (ΦM_n):	1650.1	k-ft	
M_u / ΦM_n:	19%	Pass	
Lower Pad Flexural Reinforcement Ratio:	0.0063		*OK - ACI 318-14 7.6.1.1 & 8.6.1.1*
Upper Pad Flexural Reinforcement Ratio:	0.0015		*OK - ACI 318-14 7.6.1.1 & 8.6.1.1*
Pad Shrinkage Reinforcement Ratio:	0.0015		*OK - ACI 318-14 24.4.3.2*
Lower Pad Reinforcement Spacing:	6.0	in	*OK - ACI 318-14 7.7.2.3, 8.7.2.2, & 24.4.3.3*
Upper Pad Reinforcement Spacing:	6.0	in	*OK - ACI 318-14 7.7.2.3, 8.7.2.2, & 24.4.3.3*
Ultimate Punching Shear Stress, v_u:	29.98	psi	*ACI 318-14 R8.4.4.2.3*
Factored Punching Shear Capacity ($\Phi_c v_c$):	164.3	psi	*ACI 318-14 22.6.5.2*
v_u / $\Phi_c v_c$:	18%	Pass	
Pier Moment Pad Flexure Transfer Ratio, γ_f:	0.60		*TIA-222-H 9.4.2*
Moment Transfer Effective Flexural Width, B_{eff}:	15.50	ft	*TIA-222-H 9.4.2*
Neutral Axis Depth:	5.11	ft	
Factored Moment Transfer Flexural Capacity ($\Phi M_{sc,f}$):	68047.13	k-in	
$g_f M_{sc}$ / $\Phi M_{sc,f}$:	0%	Pass	

Pier Strength Capacity			
Factored Moment in Pier (M_u):	3190.2	k-ft	
Factored Pier Moment Capacity (ΦM_n):	12784.2	k-ft	
M_u / fM_n:	25%	Pass	
Factored Shear in Pier (V_u):	24.5	k	
Factored Pier Shear Capacity (ΦV_n):	593.5	k	*ACI 318-14 22.5.1.1*
V_u / fV_c:	4%	Pass	
Pier Shear Reinforcement Ratio:	0.0004		*OK - No Ties Necessary for Shear - ACI11.5.6.1*
Factored Tension in Pier (T_u):	0.0	k	
Factored Pier Tension Capacity (ΦT_n):	4380.5	k	
T_u / fT_n:	0%	Pass	
Factored Compression in Pier (P_u):	0.0	k	
Factored Pier Compression Capacity (ΦP_n):	6277.2	k	*ACI 318-14 22.4.2.1*
P_u / fP_n:	0%	Pass	
Pier Compression Reinforcement Ratio:	0.017		*OK - TIA-222-H 9.4.1*
Minimum Depth to Develop Vertical Rebar:	63	in	*ACI 318-14 25.4.2.3*
Minimum Hook Development Length:	31	in	*ACI 318-14 25.4.3.1*
Minimum Mat Thickness / Edge Distance from Pier:	34.0	in	
Minimum Foundation Depth:	8.31	ft	
$M_u/\Phi_B M_n + T_u/\Phi_T T_n$:	25%	Pass	

EXHIBIT 4

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

Antenna Mount Analysis Report and PMI Requirements

Mount ReAnalysis

SMART Tool Project #: 10207596
Colliers Engineering & Design CT, PC Project #: 23777170

July 21, 2023

Site Information	*Site ID:*	*5000383631-VZW / BEACON FALLS CT*
	Site Name:	*BEACON FALLS CT*
	Carrier Name:	*Verizon Wireless*
	Address:	*664 Rimmon Hill Rd.* *Seymour, Connecticut 06483* *New Haven County*
	Latitude:	*41.407317°*
	Longitude:	*-73.079275°*
Structure Information	*Tower Type:*	*Monopole*
	Mount Type:	*12.83-Ft Platform*

FUZE ID # 17123829

Analysis Results

Platform: **67.2% Pass***

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

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

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

Report Prepared By: Carol Luengas

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: 323426, dated March 30, 2021*
Mount Mapping Report	*FDH Infrastructure Services, Site ID: 469421, dated April 13, 2021*
Previous Mount Modification Report	*Maser Consulting Connecticut, Project #: 21777520, dated June 10,2021*
Previous Post Modification Inspection	*Colliers Engineering & Design CT, PC Project #: 21777520, dated July 12, 2023*
Filter Add Scope	*Provided by Verizon Wireless*

Analysis Criteria:

Codes and Standards:	ANSI/TIA-222-H 2022 Connecticut State Building (CSBC), Effective October 1, 2022	
Wind Parameters:	Basic Wind Speed (Ultimate 3-sec. Gust), V_{ULT}:	120 mph
	Ice Wind Speed (3-sec. Gust):	50 mph
	Design Ice Thickness:	1.00 in
	Risk Category:	II
	Exposure Category:	C
	Topographic Category:	1
	Topographic Feature Considered:	N/A
	Topographic Method:	N/A
	Ground Elevation Factor, K_e:	0.985
Seismic Parameters:	S_S:	0.200 g
	S_1:	0.054 g
Maintenance Parameters:	Wind Speed (3-sec. Gust):	30 mph
	Maintenance Load, Lv:	250 lbs.
	Maintenance Load, Lm:	500 lbs.
Analysis Software:	RISA-3D (V17)	

Final Loading Configuration:

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

Mount Elevation (ft)	Equipment Elevation (ft)	Quantity	Manufacturer	Model	Status
144.00	147.00	6	Commscope	JAHH-65B-R3B	Retained
		3	Samsung	MT6407-77A	
		3	Commscope	CBC78T-DS-43-2X	
		1	Raycap	RVZDC-6627-PF-48	
		3	Samsung	B2/B66A RRH-BR049	
		3	Samsung	B5/B13 RRH-BR04C	
		6	Decibel	DB844H80-XY	
		2	Kaelus	KA-6030	Added

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

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

Standard Conditions:

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

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

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

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

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

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

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

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

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

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

Analysis Results:

Component	Utilization %	Pass/Fail
Standoff Horizontal	22.1 %	Pass
Corner Plate	67.2 %	Pass
Connection Plate	16.0 %	Pass
Crossmember	7.9 %	Pass
Face Horizontal	53.1 %	Pass
Mod Support Rail	29.8 %	Pass
Mount Pipe	52.9 %	Pass
Dual Antenna	25.0 %	Pass
Mod Support Rail Corner	35.3 %	Pass
Mod Kicker	12.1 %	Pass
Mount Connection	24.3 %	Pass

Structure Rating – *(Controlling Utilization of all Components)*	**67.2%**

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	37.8	37.8	51.0	51.0
0.5	45.7	45.7	64.1	64.1
1	52.9	52.9	76.4	76.4

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

Requirements:

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

Contractor to install proposed filter on support rail in Gamma sector. See Placement Diagram for reference.

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

Attachments:

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

Mount Desktop – Post Modification Inspection (PMI) Report Requirements

Documents & Photos Required from Contractor – Passing Mount Analysis

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

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

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

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MDG #: 5000383631 SMART Project #: 10207596 Fuze Project ID: 17123829

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

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

Base Requirements:

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

Photo Requirements:

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

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

Antenna & equipment placement and Geometry Confirmation:

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

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

OR

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

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

Issue:

Contractor to install proposed filter on support rail in Gamma sector. See Placement Diagram for reference.

Response:

Special Instruction Confirmation:

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

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

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

OR

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

Comments:

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

☐ Yes ☐ No

Contractor certifies no new damage created during the current installation:

☐ Yes ☐ No

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

☐ Safety Climb in Good Condition ☐ Safety Climb Damaged

Certifying Individual:

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

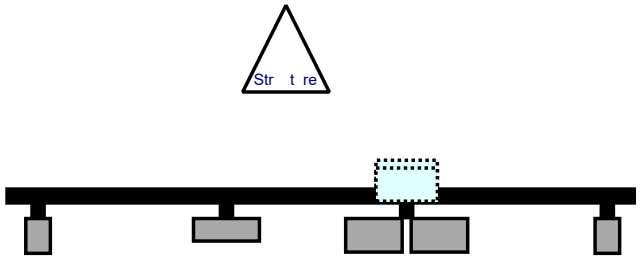
Structure: 5000383631-VZW - BEACON FALLS CT

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

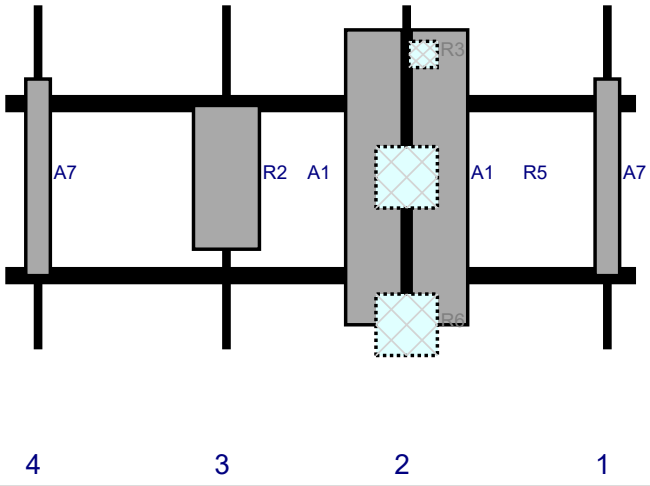
Str t re Type: Mo opole 10207596

Mo t Elev: 144.00 P ge: 1

Plan View

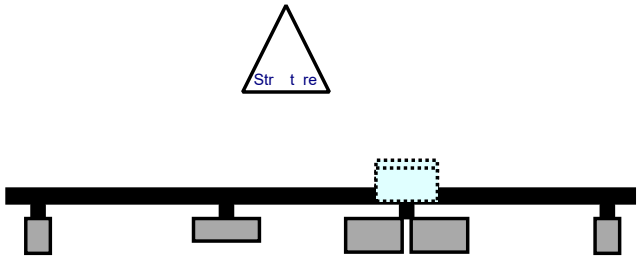


Front View - Loo i g t Str t re

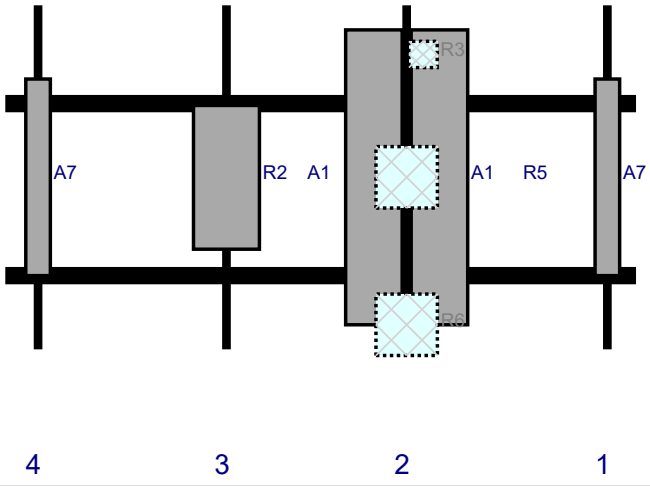


Re #	Model	Height (i)	Width (i)	H Dist Fr L.	Pipe #	Pipe Pos V	A t Pos	C. A t Fr T.	A t H O	St t s	V lid tio
A7	DB844H80-XY	48	6	147	1		Fro t	42	0	Ret i ed	07/06/2023
A1	JAHH-65B-R3B	72	13.8	98	2		Fro t	42	8	Ret i ed	07/06/2023
A1	JAHH-65B-R3B	72	13.8	98	2		Fro t	42	-8	Ret i ed	07/06/2023
R3	CBC78T-DS-43-2X	6.4	6.9	98	2		Behi d	12	4	Ret i ed	07/06/2023
R5	B2/B66A RRH-BR049	15	15	98	2		Behi d	42	0	Ret i ed	07/06/2023
R6	B5/B13 RRH-BR04C	15	15	98	2		Behi d	78	0	Ret i ed	07/06/2023
R2	MT6407-77A	35.1	16.1	54	3		Fro t	42	0	Ret i ed	07/06/2023
A7	DB844H80-XY	48	6	8	4		Fro t	42	0	Ret i ed	07/06/2023
M74	RVZDC-6627-PF-48	28.9	15.7		Me er					Ret i ed	07/06/2023

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
A7	DB844H80-XY	48	6	147	1		Fro t	42	0	Ret i ed	07/06/2023
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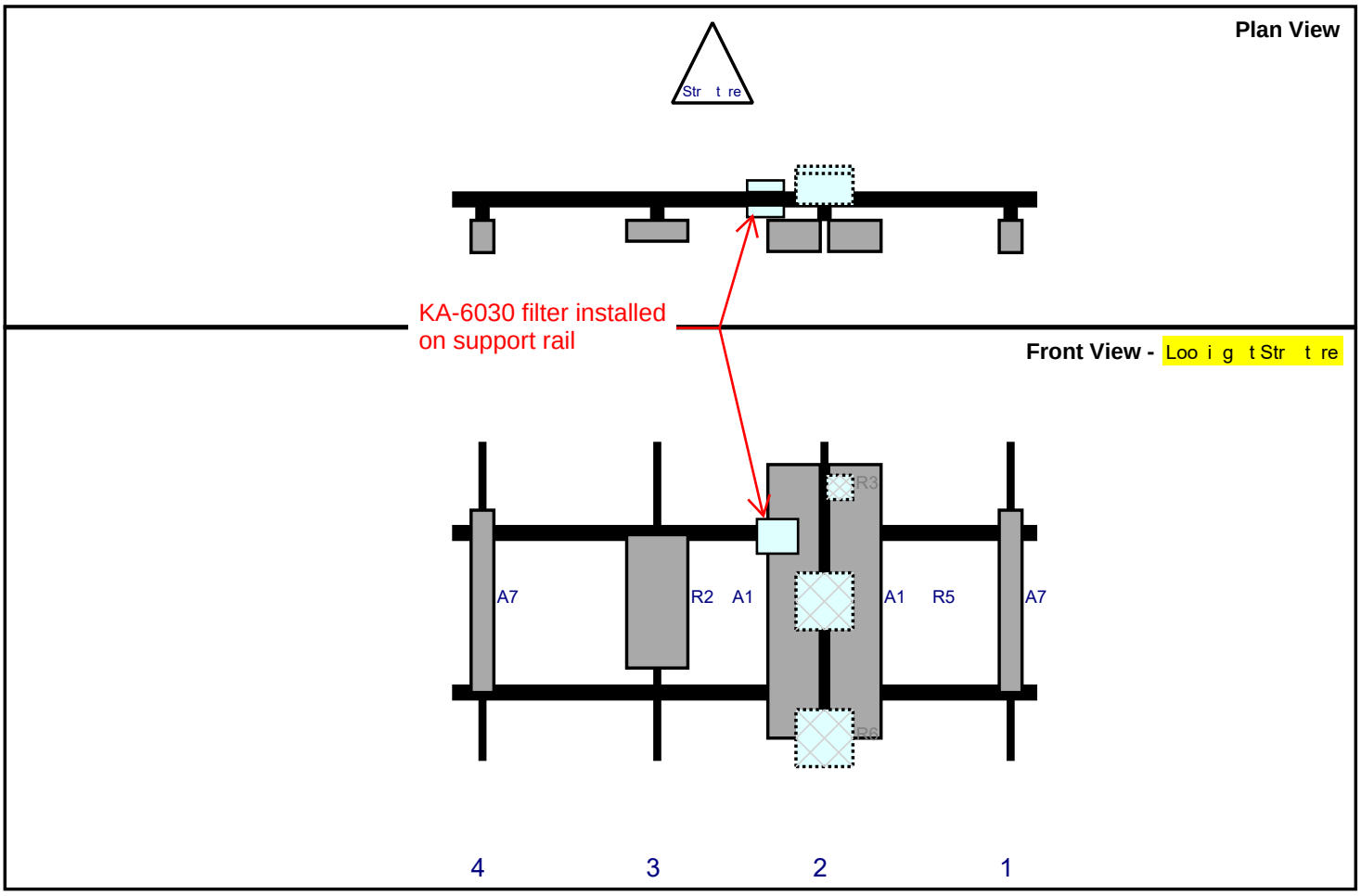
A1	JAHH-65B-R3B	72	13.8	98	2		Fro t	42	-8	Ret i ed	07/06/2023
R3	CBC78T-DS-43-2X	6.4	6.9	98	2		Behi d	12	4	Ret i ed	07/06/2023
R5	B2/B66A RRH-BR049	15	15	98	2		Behi d	42	0	Ret i ed	07/06/2023
R6	B5/B13 RRH-BR04C	15	15	98	2		Behi d	78	0	Ret i ed	07/06/2023
R2	MT6407-77A	35.1	16.1	54	3		Fro t	42	0	Ret i ed	07/06/2023
A7	DB844H80-XY	48	6	8	4		Fro t	42	0	Ret i ed	07/06/2023



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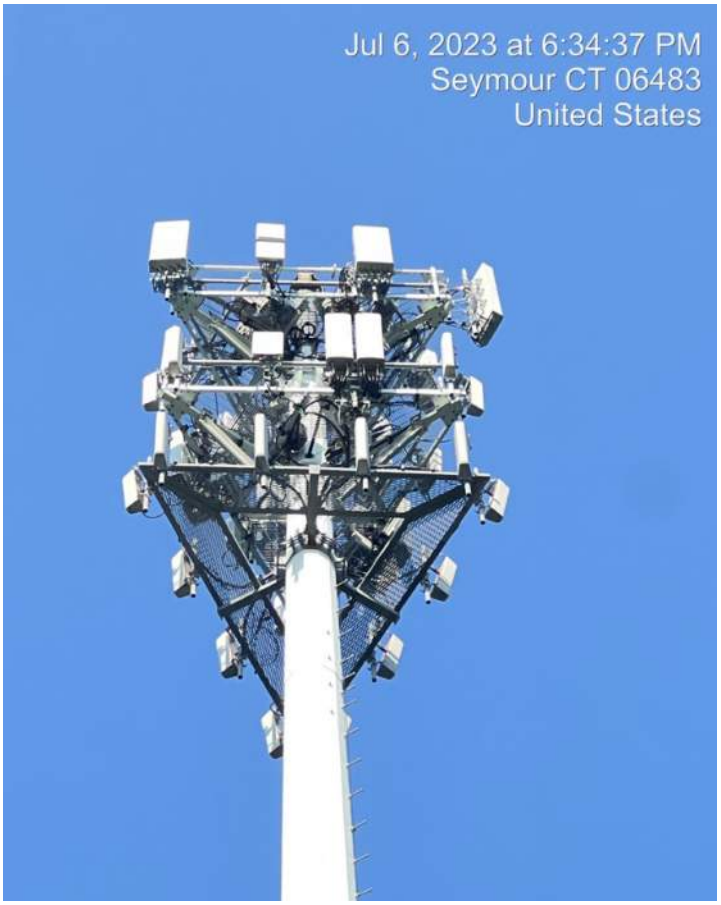
A1	JAHH-65B-R3B	72	13.8	98	2		Fro t	42	8	Ret i ed	07/06/2023
A1	JAHH-65B-R3B	72	13.8	98	2		Fro t	42	-8	Ret i ed	07/06/2023
R3	CBC78T-DS-43-2X	6.4	6.9	98	2		Behi d	12	4	Ret i ed	07/06/2023
R5	B2/B66A RRH-BR049	15	15	98	2		Behi d	42	0	Ret i ed	07/06/2023
R6	B5/B13 RRH-BR04C	15	15	98	2		Behi d	78	0	Ret i ed	07/06/2023
R2	MT6407-77A	35.1	16.1	54	3		Fro t	42	0	Ret i ed	07/06/2023
A7	DB844H80-XY	48	6	8	4		Fro t	42	0	Ret i ed	07/06/2023
M70A	KA-6030	10.6	10.9		Member					Added	
M70A	KA-6030	10.6	10.9		Member					Added	


Jul 6, 2023 at 4:36:30 PM
Seymour, CT 06483


Jul 6, 2023 at 6:34:37 PM
Seymour CT 06483
United States

V3.0 Updated on 8-31-2020

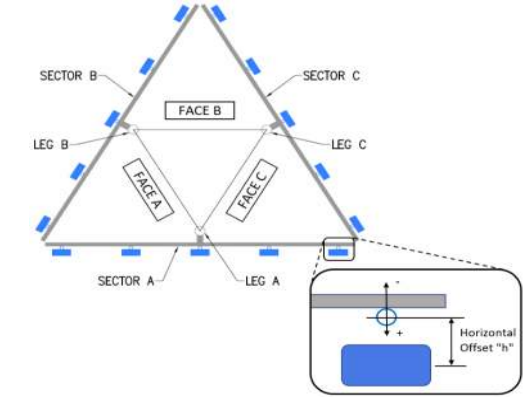
PAUL J. FORD & COMPANY

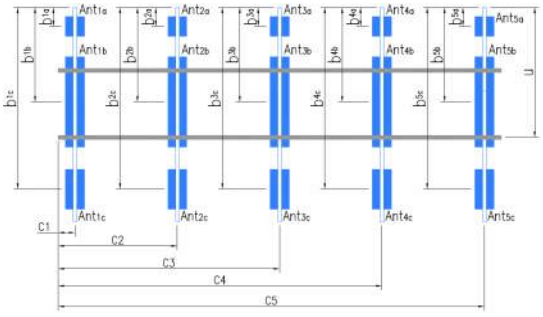
Antenna Mount Mapping Form (PATENT PENDING)

FCC #

Tower Owner:	ATC	**Mapping Date:**	
Site Name:	BEACON FALLS CT	**Tower Type:**	Monopole
Site Number or ID:	469421	**Tower Height (Ft.):**	
Mapping Contractor:	FDH Infrastructure Services	**Mount Elevation (Ft.):**	136.5

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





Antenna Layout (Looking Out From Tower)

Mount Pipe Configuration and Geometries [Unit = Inches]

Sector / Position	Mount Pipe Size & Length Ø	Vertical Offset Dimension "u"	Horizontal Offset "C1, C2, C3, etc."	Sector / Position	Mount Pipe Size & Length	Vertical Offset Dimension "u"	Horizontal Offset "C1, C2, C3, etc."
A1	2.4"Ø x 3/16" x 60"	48.00	7.00	C1	2.4"Ø x 3/16" x 60"	48.00	7.00
A2	2.4"Ø x 3/16" x 60"	48.00	31.00	C2	2.4"Ø x 3/16" x 60"	48.00	31.00
A3	2.4"Ø x 3/16" x 89"	81.00	68.00	C3	2.4"Ø x 3/16" x 84"	76.00	68.00
A4	2.4"Ø x 3/16" x 60"	48.00	123.00	C4	2.4"Ø x 3/16" x 60"	48.00	123.00
A5	2.4"Ø x 3/16" x 60"	48.00	145.50	C5	2.4"Ø x 3/16" x 60"	48.00	145.50
A6				C6			
B1	2.4"Ø x 3/16" x 60"	48.00	7.00	D1			
B2	2.4"Ø x 3/16" x 60"	48.00	31.00	D2			
B3	2.4"Ø x 3/16" x 84"	76.00	68.00	D3			
B4	2.4"Ø x 3/16" x 60"	48.00	123.00	D4			
B5	2.4"Ø x 3/16" x 60"	48.00	145.50	D5			
B6				D6			

Distance between bottom rail and mount CL elevation (dim d). Unit is inches. See 'Mount Elev Ref' tab for details. :	23.50
Distance from top of bottom support rail to lowest tip of ant./eqpt. of Carrier above. (N/A if > 10 ft.) :	
Distance from top of bottom support rail to highest tip of ant./eqpt. of Carrier below. (N/A if > 10 ft.) :	7.75

Please enter additional infomation or comments below.

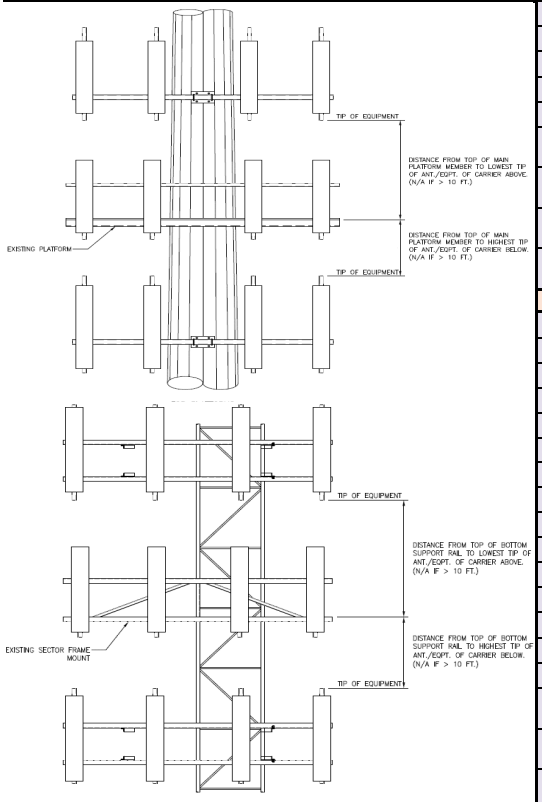
(12) 1 5-8" Coax (pics 35-37)

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

	Enter antenna model. If not labeled, enter "Unknown".						Mounting Locations [Units are inches and degrees]			Photos of antennas
Ants. Items	Antenna Models if Known	Width (in.)	Depth (in.)	Height (in.)	Coax Size and Qty	Antenna Center-line (Ft.)	Vertical Distances"b_{1a}, b_{2a}, b_{3a}, b_{1b}...." (Inches)	Horiz. Offset "h" (Use "-" if Ant. is behind)	Antenna Azimuth (Degrees)	Photo Numbers
Sector A										
Ant_{1a}										
Ant_{1b}	Andrew D8844H80E->	6.00	8.00	48.00		136.458	25.00	8.00	20.00	172
Ant_{1c}	RFS FD9R6004/2C-3L	6.50	0.75	6.00		135.708	34.00	-2.00	20.00	174
Ant_{2a}										
Ant_{2b}	Andrew 948F85T2E-M	3.00	6.50	48.00		135.708	34.00	9.00	20.00	175
Ant_{2c}										
Ant_{3a}										
Ant_{3b}	Unknown	12.00	6.00	72.00		137.458	46.00	9.00	20.00	176
Ant_{3c}										
Ant_{4a}										
Ant_{4b}	Andrew 948F85T2E-M	3.00	6.50	48.00		135.708	34.00	9.00	20.00	177
Ant_{4c}										
Ant_{5a}										
Ant_{5b}	Andrew D8844H80E->	6.00	8.00	48.00		136.458	25.00	8.00	20.00	179
Ant_{5c}	RFS FD9R6004/2C-3L	6.50	0.75	6.00		135.708	34.00	-2.00	20.00	179
Ant on Standoff										
Ant on Standoff										
Ant on Tower										
Ant on Tower										

Mount Azimuth (Degree) for Each Sector			Tower Leg Azimuth (Degree) for Each Sector		
Sector A:	20.00	Deg	Leg A:		Deg
Sector B:	140.00	Deg	Leg B:		Deg
Sector C:	260.00	Deg	Leg C:		Deg
Sector D:		Deg	Leg D:		Deg

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



Sector B										
Ant_{1a}										
Ant_{1b}	Andrew D8844H80E-X	6.00	8.00	48.00		136.458	25.00	8.00	140.00	181
Ant_{1c}	RFS FD9R6004/2C-3L	6.50	0.75	6.00		135.708	34.00	-2.00	140.00	181
Ant_{2a}										
Ant_{2b}	Andrew 948F85T2E-M	3.00	6.50	48.00		135.708	34.00	9.00	140.00	182
Ant_{2c}										
Ant_{3a}										
Ant_{3b}	Andrew LNX-6514DS-	12.00	7.00	72.00		137.042	46.00	7.00	140.00	183
Ant_{3c}										
Ant_{4a}										
Ant_{4b}	Andrew 948F85T2E-M	3.00	6.50	48.00		135.708	34.00	9.00	140.00	184
Ant_{4c}										
Ant_{5a}										
Ant_{5b}	Andrew D8844H80E-X	6.00	8.00	48.00		136.458	25.00	8.00	140.00	185
Ant_{5c}	RFS FD9R6004/2C-3L	6.50	0.75	6.00		135.708	34.00	-2.00	140.00	185
Ant on Standoff										
Ant on Standoff										
Ant on Tower										
Ant on Tower										
Sector C										
Ant_{1a}										
Ant_{1b}	Andrew D8844H80E-X	6.00	8.00	48.00		136.458	25.00	8.00	260.00	187
Ant_{1c}	RFS FD9R6004/2C-3L	6.50	0.75	6.00		135.708	34.00	-2.00	260.00	187
Ant_{2a}										
Ant_{2b}	Andrew 948F85T2E-M	3.00	6.50	48.00		135.708	34.00	9.00	260.00	188
Ant_{2c}										
Ant_{3a}										
Ant_{3b}	Andrew LNX-6514DS-	12.00	7.00	72.00		137.375	42.00	7.00	260.00	189
Ant_{3c}										
Ant_{4a}										
Ant_{4b}	Andrew 948F85T2E-M	3.00	6.50	48.00		135.708	34.00	9.00	260.00	190
Ant_{4c}										
Ant_{5a}										
Ant_{5b}	Andrew D8844H80E-X	6.00	8.00	48.00		136.458	25.00	8.00	260.00	191
Ant_{5c}	RFS FD9R6004/2C-3L	6.50	0.75	6.00		135.708	34.00	-2.00	260.00	192
Ant on Standoff										
Ant on Standoff										
Ant on Tower										
Ant on Tower										
Sector D										
Ant_{1a}										
Ant_{1b}										
Ant_{1c}										
Ant_{2a}										
Ant_{2b}										
Ant_{2c}										
Ant_{3a}										
Ant_{3b}										
Ant_{3c}										
Ant_{4a}										
Ant_{4b}										
Ant_{4c}										
Ant_{5a}										
Ant_{5b}										
Ant_{5c}										
Ant on Standoff										
Ant on Standoff										
Ant on Tower										
Ant on Tower										

Observed Safety and Structural Issues During the Mount Mapping		
Issue #	Description of Issue	Photo #

1		
2		
3		
4		
5		
6		
7		
8		

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

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

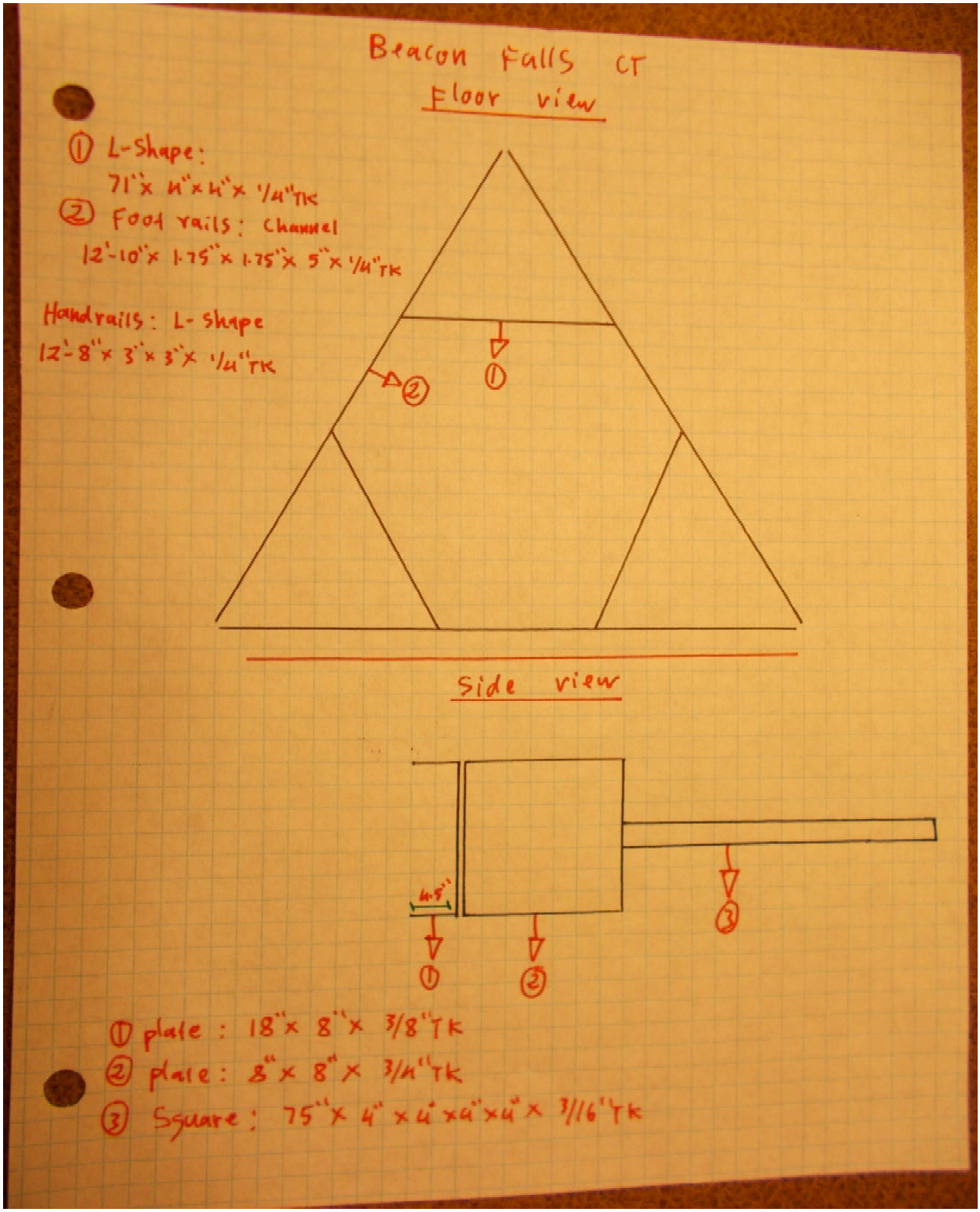
PAUL J. FORD & COMPANY

Antenna Mount Mapping Form (PATENT PENDING)

FCC #

Tower Owner:	ATC	**Mapping Date:**	
Site Name:	BEACON FALLS CT	**Tower Type:**	Monopole
Site Number or ID:	469421	**Tower Height (Ft.):**	
Mapping Contractor:	FDH Infrastructure Services	**Mount Elevation (Ft.):**	136.5

Please Insert Sketches of the Antenna Mount



Please Insert Sketches of the Antenna Mount, cont'd

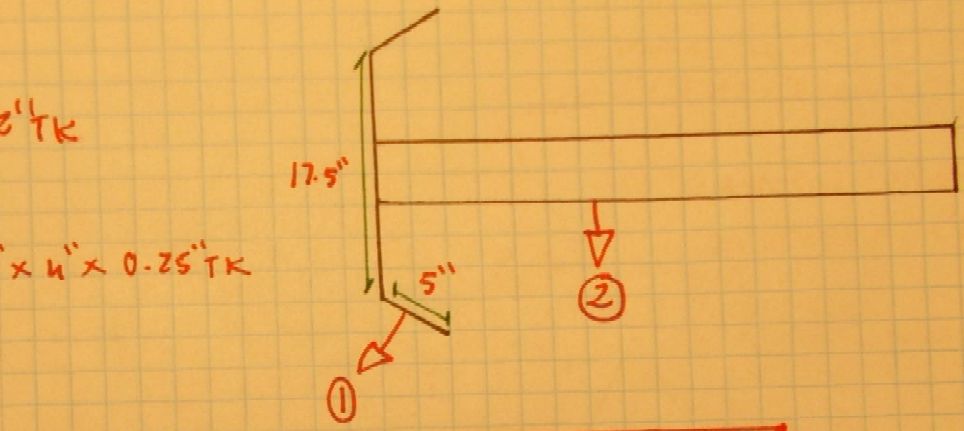
Beacon Falls CT

1st mount "Might be Verizon"

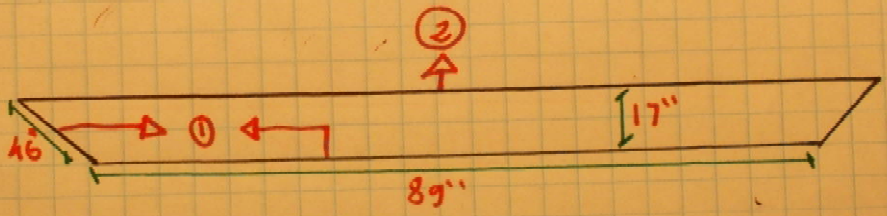
Side view

① plate:
17.5" x 12" x 1/2" TK

② Square:
38" x 4" x 4" x 4" x 4" x 0.25" TK



Floor view

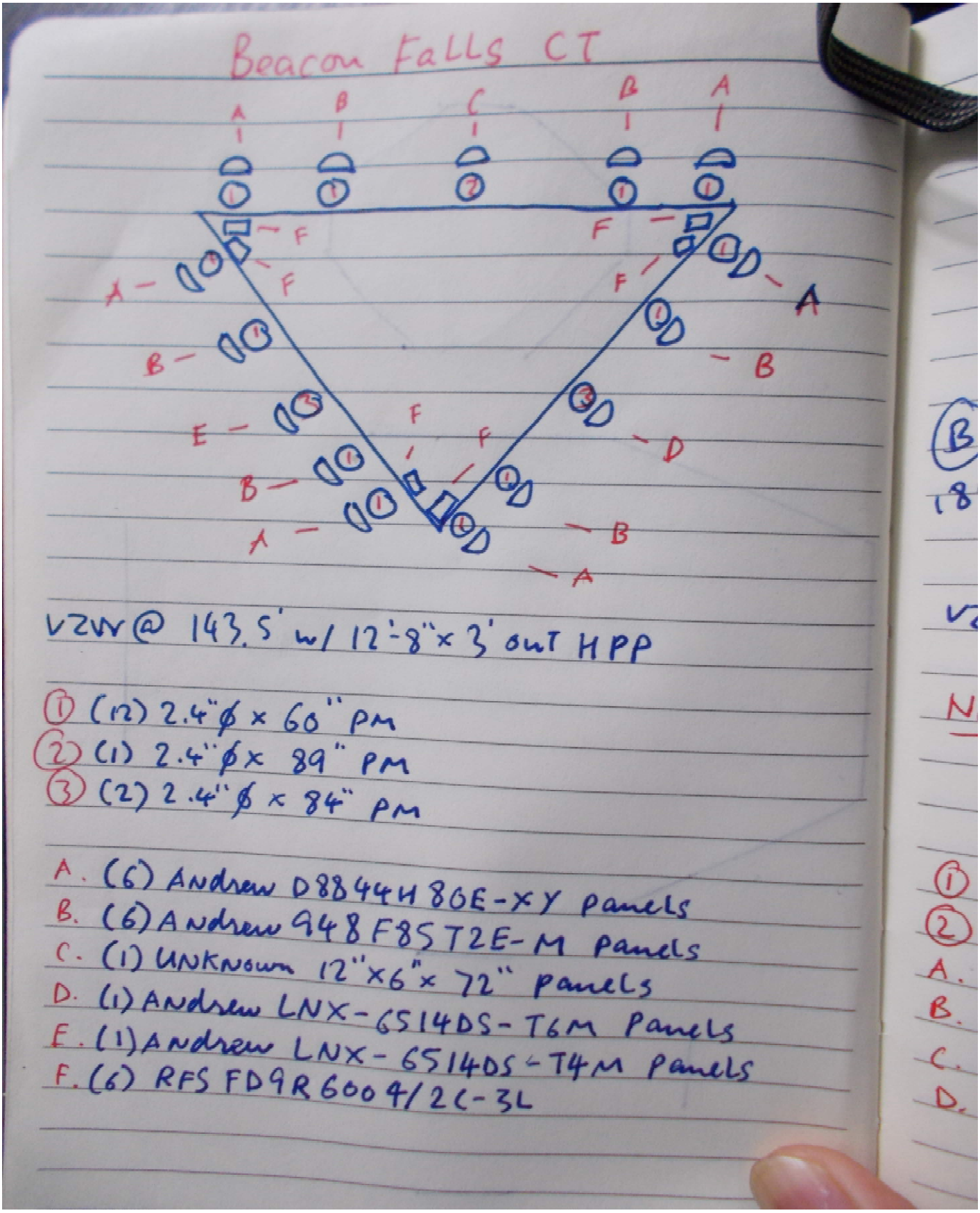


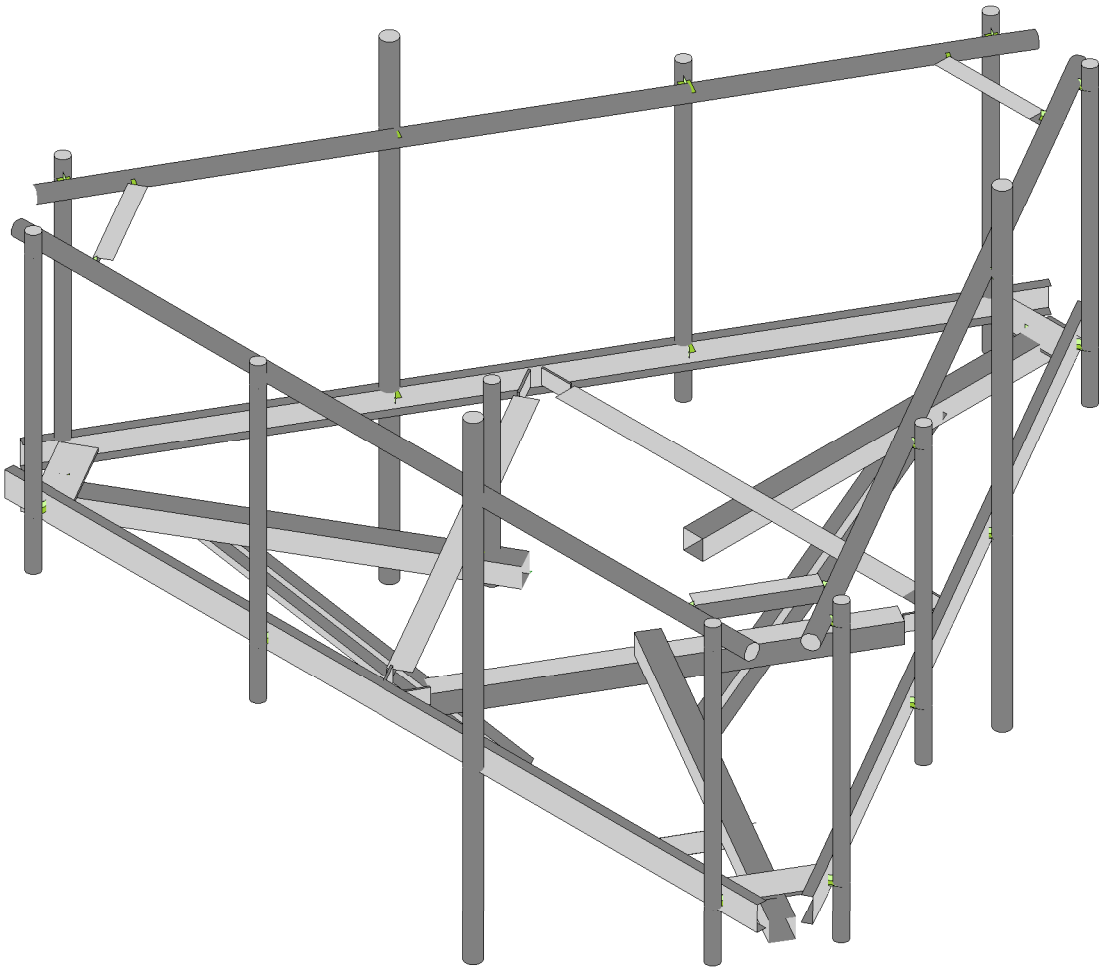
① L-shape: 46" x 3" x 3" x 1/4" TK
89" x 3" x 3" x 1/4" TK

② Footrail: 14' x 3" x 3" x 1/4" TK (L-shape)

No Handrails.

Please Insert Sketches of the Antenna Mount, cont'd





Envelope Only Solution

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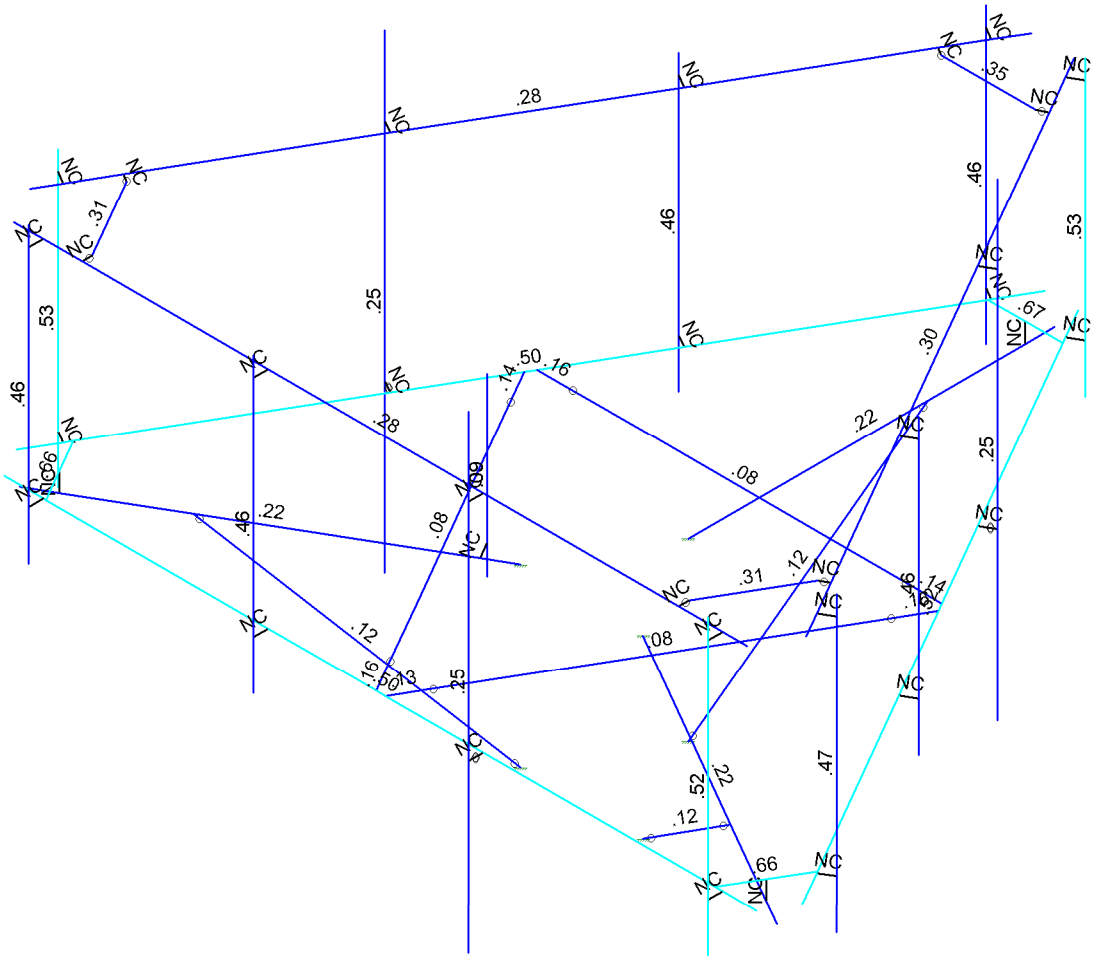

Member Code Checks Displayed (Enveloped)
Envelope Only Solution

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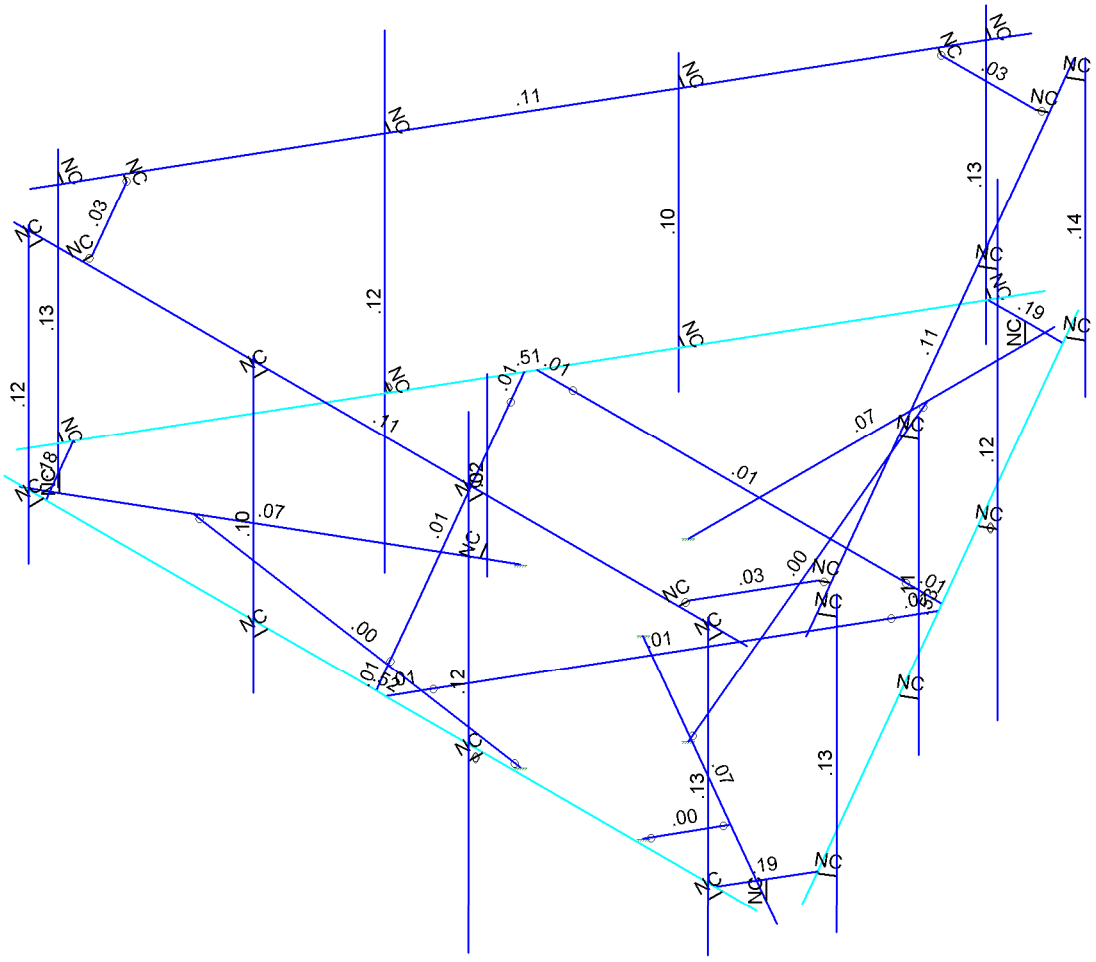

Member Shear Checks Displayed (Enveloped)
Envelope Only Solution

Basic Load Cases

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed	Area(Me...	Surface(P...
1	Antenna D	None					126			
2	Antenna Di	None					126			
3	Antenna Wo (0 Deg)	None					126			
4	Antenna Wo (30 Deg)	None					126			
5	Antenna Wo (60 Deg)	None					126			
6	Antenna Wo (90 Deg)	None					126			
7	Antenna Wo (120 Deg)	None					126			
8	Antenna Wo (150 Deg)	None					126			
9	Antenna Wo (180 Deg)	None					126			
10	Antenna Wo (210 Deg)	None					126			
11	Antenna Wo (240 Deg)	None					126			
12	Antenna Wo (270 Deg)	None					126			
13	Antenna Wo (300 Deg)	None					126			
14	Antenna Wo (330 Deg)	None					126			
15	Antenna Wi (0 Deg)	None					126			
16	Antenna Wi (30 Deg)	None					126			
17	Antenna Wi (60 Deg)	None					126			
18	Antenna Wi (90 Deg)	None					126			
19	Antenna Wi (120 Deg)	None					126			
20	Antenna Wi (150 Deg)	None					126			
21	Antenna Wi (180 Deg)	None					126			
22	Antenna Wi (210 Deg)	None					126			
23	Antenna Wi (240 Deg)	None					126			
24	Antenna Wi (270 Deg)	None					126			
25	Antenna Wi (300 Deg)	None					126			
26	Antenna Wi (330 Deg)	None					126			
27	Antenna Wm (0 Deg)	None					126			
28	Antenna Wm (30 Deg)	None					126			
29	Antenna Wm (60 Deg)	None					126			
30	Antenna Wm (90 Deg)	None					126			
31	Antenna Wm (120 Deg)	None					126			
32	Antenna Wm (150 Deg)	None					126			
33	Antenna Wm (180 Deg)	None					126			
34	Antenna Wm (210 Deg)	None					126			
35	Antenna Wm (240 Deg)	None					126			
36	Antenna Wm (270 Deg)	None					126			
37	Antenna Wm (300 Deg)	None					126			
38	Antenna Wm (330 Deg)	None					126			
39	Structure D	None		-1					6	
40	Structure Di	None						40	6	
41	Structure Wo (0 Deg)	None						80		
42	Structure Wo (30 Deg)	None						80		
43	Structure Wo (60 Deg)	None						80		
44	Structure Wo (90 Deg)	None						80		
45	Structure Wo (120 D...	None						80		
46	Structure Wo (150 D...	None						80		
47	Structure Wo (180 D...	None						80		
48	Structure Wo (210 D...	None						80		
49	Structure Wo (240 D...	None						80		
50	Structure Wo (270 D...	None						80		
51	Structure Wo (300 D...	None						80		
52	Structure Wo (330 D...	None						80		
53	Structure Wi (0 Deg)	None						80		

Basic Load Cases (Continued)

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed	Area(Me...	Surface(P...
54	Structure Wi (30 Deg)	None						80		
55	Structure Wi (60 Deg)	None						80		
56	Structure Wi (90 Deg)	None						80		
57	Structure Wi (120 De...	None						80		
58	Structure Wi (150 De...	None						80		
59	Structure Wi (180 De...	None						80		
60	Structure Wi (210 De...	None						80		
61	Structure Wi (240 De...	None						80		
62	Structure Wi (270 De...	None						80		
63	Structure Wi (300 De...	None						80		
64	Structure Wi (330 De...	None						80		
65	Structure Wm (0 Deg)	None						80		
66	Structure Wm (30 De...	None						80		
67	Structure Wm (60 De...	None						80		
68	Structure Wm (90 De...	None						80		
69	Structure Wm (120 D...	None						80		
70	Structure Wm (150 D...	None						80		
71	Structure Wm (180 D...	None						80		
72	Structure Wm (210 D...	None						80		
73	Structure Wm (240 D...	None						80		
74	Structure Wm (270 D...	None						80		
75	Structure Wm (300 D...	None						80		
76	Structure Wm (330 D...	None						80		
77	Lm1	None					1			
78	Lm2	None					1			
79	Lv1	None					1			
80	Lv2	None					1			
81	Antenna Ev	None					126			
82	Antenna Eh (0 Deg)	None					84			
83	Antenna Eh (90 Deg)	None					84			
84	Structure Ev	ELY		-.042					6	
85	Structure Eh (0 Deg)	ELZ			-.106				6	
86	Structure Eh (90 Deg)	ELX	.106						6	
87	BLC 39 Transient Are...	None						102		
88	BLC 40 Transient Are...	None						102		
89	BLC 84 Transient Are...	None						102		
90	BLC 85 Transient Are...	None						102		
91	BLC 86 Transient Are...	None						102		

Load Combinations

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

Load Combinations (Continued)

	Description	S...	PDelta	S...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...
15	1.2D + 1.0Di + 1.0Wi (6..	Yes	Y		1	1.2	39	1.2	2	1	40	1	17	1	55	1								
16	1.2D + 1.0Di + 1.0Wi (9..	Yes	Y		1	1.2	39	1.2	2	1	40	1	18	1	56	1								
17	1.2D + 1.0Di + 1.0Wi (1..	Yes	Y		1	1.2	39	1.2	2	1	40	1	19	1	57	1								
18	1.2D + 1.0Di + 1.0Wi (1..	Yes	Y		1	1.2	39	1.2	2	1	40	1	20	1	58	1								
19	1.2D + 1.0Di + 1.0Wi (1..	Yes	Y		1	1.2	39	1.2	2	1	40	1	21	1	59	1								
20	1.2D + 1.0Di + 1.0Wi (2..	Yes	Y		1	1.2	39	1.2	2	1	40	1	22	1	60	1								
21	1.2D + 1.0Di + 1.0Wi (2..	Yes	Y		1	1.2	39	1.2	2	1	40	1	23	1	61	1								
22	1.2D + 1.0Di + 1.0Wi (2..	Yes	Y		1	1.2	39	1.2	2	1	40	1	24	1	62	1								
23	1.2D + 1.0Di + 1.0Wi (3..	Yes	Y		1	1.2	39	1.2	2	1	40	1	25	1	63	1								
24	1.2D + 1.0Di + 1.0Wi (3..	Yes	Y		1	1.2	39	1.2	2	1	40	1	26	1	64	1								
25	1.2D + 1.5Lm1 + 1.0W...	Yes	Y		1	1.2	39	1.2	77	1.5	27	1	65	1										
26	1.2D + 1.5Lm1 + 1.0W...	Yes	Y		1	1.2	39	1.2	77	1.5	28	1	66	1										
27	1.2D + 1.5Lm1 + 1.0W...	Yes	Y		1	1.2	39	1.2	77	1.5	29	1	67	1										
28	1.2D + 1.5Lm1 + 1.0W...	Yes	Y		1	1.2	39	1.2	77	1.5	30	1	68	1										
29	1.2D + 1.5Lm1 + 1.0W...	Yes	Y		1	1.2	39	1.2	77	1.5	31	1	69	1										
30	1.2D + 1.5Lm1 + 1.0W...	Yes	Y		1	1.2	39	1.2	77	1.5	32	1	70	1										
31	1.2D + 1.5Lm1 + 1.0W...	Yes	Y		1	1.2	39	1.2	77	1.5	33	1	71	1										
32	1.2D + 1.5Lm1 + 1.0W...	Yes	Y		1	1.2	39	1.2	77	1.5	34	1	72	1										
33	1.2D + 1.5Lm1 + 1.0W...	Yes	Y		1	1.2	39	1.2	77	1.5	35	1	73	1										
34	1.2D + 1.5Lm1 + 1.0W...	Yes	Y		1	1.2	39	1.2	77	1.5	36	1	74	1										
35	1.2D + 1.5Lm1 + 1.0W...	Yes	Y		1	1.2	39	1.2	77	1.5	37	1	75	1										
36	1.2D + 1.5Lm1 + 1.0W...	Yes	Y		1	1.2	39	1.2	77	1.5	38	1	76	1										
37	1.2D + 1.5Lm2 + 1.0W...	Yes	Y		1	1.2	39	1.2	78	1.5	27	1	65	1										
38	1.2D + 1.5Lm2 + 1.0W...	Yes	Y		1	1.2	39	1.2	78	1.5	28	1	66	1										
39	1.2D + 1.5Lm2 + 1.0W...	Yes	Y		1	1.2	39	1.2	78	1.5	29	1	67	1										
40	1.2D + 1.5Lm2 + 1.0W...	Yes	Y		1	1.2	39	1.2	78	1.5	30	1	68	1										
41	1.2D + 1.5Lm2 + 1.0W...	Yes	Y		1	1.2	39	1.2	78	1.5	31	1	69	1										
42	1.2D + 1.5Lm2 + 1.0W...	Yes	Y		1	1.2	39	1.2	78	1.5	32	1	70	1										
43	1.2D + 1.5Lm2 + 1.0W...	Yes	Y		1	1.2	39	1.2	78	1.5	33	1	71	1										
44	1.2D + 1.5Lm2 + 1.0W...	Yes	Y		1	1.2	39	1.2	78	1.5	34	1	72	1										
45	1.2D + 1.5Lm2 + 1.0W...	Yes	Y		1	1.2	39	1.2	78	1.5	35	1	73	1										
46	1.2D + 1.5Lm2 + 1.0W...	Yes	Y		1	1.2	39	1.2	78	1.5	36	1	74	1										
47	1.2D + 1.5Lm2 + 1.0W...	Yes	Y		1	1.2	39	1.2	78	1.5	37	1	75	1										
48	1.2D + 1.5Lm2 + 1.0W...	Yes	Y		1	1.2	39	1.2	78	1.5	38	1	76	1										
49	1.2D + 1.5Lv1	Yes	Y		1	1.2	39	1.2	79	1.5														
50	1.2D + 1.5Lv2	Yes	Y		1	1.2	39	1.2	80	1.5														
51	1.4D	Yes	Y		1	1.4	39	1.4																
52	1.2D + 1.0Ev + 1.0Eh (0..	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	1	83		ELZ	1	E...					
53	1.2D + 1.0Ev + 1.0Eh (3..	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	.866	83	.5	ELZ	.866	E...	.5				
54	1.2D + 1.0Ev + 1.0Eh (6..	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	.5	83	.866	ELZ	.5	E...	.866				
55	1.2D + 1.0Ev + 1.0Eh (9..	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82		83	1	ELZ		E...	1				
56	1.2D + 1.0Ev + 1.0Eh (1..	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	-.5	83	.866	ELZ	-.5	E...	.866				
57	1.2D + 1.0Ev + 1.0Eh (1..	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	-.866	83	.5	ELZ	-.866	E...	.5				
58	1.2D + 1.0Ev + 1.0Eh (1..	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	-1	83		ELZ	-1	E...					
59	1.2D + 1.0Ev + 1.0Eh (2..	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	-.866	83	-.5	ELZ	-.866	E...	-.5				
60	1.2D + 1.0Ev + 1.0Eh (2..	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	-.5	83	-.866	ELZ	-.5	E...	-.866				
61	1.2D + 1.0Ev + 1.0Eh (2..	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82		83	-1	ELZ		E...	-1				
62	1.2D + 1.0Ev + 1.0Eh (3..	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	.5	83	-.866	ELZ	.5	E...	-.866				
63	1.2D + 1.0Ev + 1.0Eh (3..	Yes	Y		1	1.2	39	1.2	81	1	E...	1	82	.866	83	-.5	ELZ	.866	E...	-.5				
64	0.9D - 1.0Ev + 1.0Eh (0..	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	1	83		ELZ	1	E...					
65	0.9D - 1.0Ev + 1.0Eh (3..	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	.866	83	.5	ELZ	.866	E...	.5				
66	0.9D - 1.0Ev + 1.0Eh (6..	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	.5	83	.866	ELZ	.5	E...	.866				
67	0.9D - 1.0Ev + 1.0Eh (9..	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82		83	1	ELZ		E...	1				
68	0.9D - 1.0Ev + 1.0Eh (1..	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	-.5	83	.866	ELZ	-.5	E...	.866				
69	0.9D - 1.0Ev + 1.0Eh (1..	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	-.866	83	.5	ELZ	-.866	E...	.5				
70	0.9D - 1.0Ev + 1.0Eh (1..	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	-1	83		ELZ	-1	E...					
71	0.9D - 1.0Ev + 1.0Eh (2..	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	-.866	83	-.5	ELZ	-.866	E...	-.5				

Load Combinations (Continued)

	Description	S...	PDelta	S...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...
72	0.9D - 1.0Ev + 1.0Eh (2..	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	-.5	83	-.866	ELZ	-.5	E...	-.866				
73	0.9D - 1.0Ev + 1.0Eh (2..	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82		83	-1	ELZ		E...	-1				
74	0.9D - 1.0Ev + 1.0Eh (3..	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	.5	83	-.866	ELZ	.5	E...	-.866				
75	0.9D - 1.0Ev + 1.0Eh (3..	Yes	Y		1	.9	39	.9	81	-1	E...	-1	82	.866	83	-.5	ELZ	.866	E...	-.5				

Joint Coordinates and Temperatures

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
1	N1	0	0	0	0	
2	N2	0	0	-1.208333	0	
3	N6A	0	0	-6.958333	0	
4	N7	0	0.333333	-6.958333	0	
5	N111A	0.637892	0.333333	-6.958333	0	
6	N112A	-0.637892	0.333333	-6.958333	0	
7	N17	0	0	-7.458333	0	
8	N14	-3.452474	0.333333	-2.083333	0	
9	N15	3.452474	0.333333	-2.083333	0	
10	N14A	-2.952474	0.333333	-2.083333	0	
11	N15A	2.952442	0.333333	-2.083333	0	
12	N13	-1.046447	0	0.604167	0	
13	N14B	-6.026093	0	3.479167	0	
14	N15B	-6.026093	0.333333	3.479167	0	
15	N16	-6.345039	0.333333	2.926736	0	
16	N17A	-5.707148	0.333333	4.031597	0	
17	N18	-6.459106	0	3.729167	0	
18	N19	-0.077982	0.333333	4.031597	0	
19	N20	-3.530457	0.333333	-1.948264	0	
20	N21	-0.327982	0.333333	3.598584	0	
21	N22	-3.280441	0.333333	-1.515223	0	
22	N24	1.046447	0	0.604167	0	
23	N25	6.026093	0	3.479167	0	
24	N26	6.026093	0.333333	3.479167	0	
25	N27	5.707148	0.333333	4.031597	0	
26	N28	6.345039	0.333333	2.926736	0	
27	N29	6.459106	0	3.729167	0	
28	N30	3.530457	0.333333	-1.948264	0	
29	N31	0.077982	0.333333	4.031597	0	
30	N32	3.280457	0.333333	-1.515251	0	
31	N33	0.327998	0.333333	3.598557	0	
32	N33A	6.416667	0.333333	4.031597	0	
33	N34	-6.416667	0.333333	4.031597	0	
34	N36	0.283132	0.333333	-7.572795	0	
35	N37	6.699799	0.333333	3.541198	0	
36	N39	-6.699799	0.333333	3.541198	0	
37	N40	-0.283132	0.333333	-7.572795	0	
38	N39A	6.25	4.166667	4.031597	0	
39	N40A	-6.25	4.166667	4.031597	0	
40	N51	5.833333	0.333333	4.031597	0	
41	N52	5.833333	4.166667	4.031597	0	
42	N53	5.833333	0.333333	4.281597	0	
43	N54	5.833333	4.166667	4.281597	0	
44	N55	5.833333	4.5	4.281597	0	
45	N56	5.833333	-.5	4.281597	0	
46	N63	-1.916667	0.333333	4.031597	0	
47	N64	-1.916667	4.166667	4.031597	0	
48	N65	-1.916667	0.333333	4.281597	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
49	N66	-1.916667	4.166667	4.281597	0	
50	N67	-1.916667	4.5	4.281597	0	
51	N68	-1.916667	-.5	4.281597	0	
52	N69	-5.75	0.333333	4.031597	0	
53	N70	-5.75	4.166667	4.031597	0	
54	N71	-5.75	0.333333	4.281597	0	
55	N72	-5.75	4.166667	4.281597	0	
56	N73	-5.75	4.5	4.281597	0	
57	N74	-5.75	-.5	4.281597	0	
58	N75	1.75	0.333333	4.031597	0	
59	N76	1.75	4.166667	4.031597	0	
60	N77	1.75	0.333333	4.281597	0	
61	N78	1.75	4.166667	4.281597	0	
62	N79	1.75	5.5	4.281597	0	
63	N80	1.75	-2.5	4.281597	0	
64	N82	0.574799	0.333333	-7.067613	0	
65	N83	0.574799	4.166667	-7.067613	0	
66	N84	0.791305	0.333333	-7.192613	0	
67	N85	0.791305	4.166667	-7.192613	0	
68	N86	0.791305	4.5	-7.192613	0	
69	N87	0.791305	-.5	-7.192613	0	
70	N100	6.366466	0.333333	2.963848	0	
71	N101	6.366466	4.166667	2.963848	0	
72	N102	6.582972	0.333333	2.838848	0	
73	N103	6.582972	4.166667	2.838848	0	
74	N104	6.582972	4.5	2.838848	0	
75	N105	6.582972	-.5	2.838848	0	
76	N113	-6.408132	0.333333	3.036016	0	
77	N114	-6.408132	4.166667	3.036016	0	
78	N115	-6.624639	0.333333	2.911016	0	
79	N116	-6.624639	4.166667	2.911016	0	
80	N117	-6.624639	4.5	2.911016	0	
81	N118	-6.624639	-.5	2.911016	0	
82	N131	-0.616466	0.333333	-6.995445	0	
83	N132	-0.616466	4.166667	-6.995445	0	
84	N133	-0.832972	0.333333	-7.120445	0	
85	N134	-0.832972	4.166667	-7.120445	0	
86	N135	-0.832972	4.5	-7.120445	0	
87	N136	-0.832972	-.5	-7.120445	0	
88	N141A	-1.47946	0	0.854167	0	
89	N142A	-1.646127	0	0.565492	0	
90	N143	-1.646127	-.5	0.565492	0	
91	N144	-1.646127	2.5	0.565492	0	
92	N145	-1.452474	0.333333	-2.083333	0	
93	N146	1.452442	0.333333	-2.083333	0	
94	N148	-1.077982	0.333333	2.299546	0	
95	N149	-2.530441	0.333333	-0.216185	0	
96	N151	2.530457	0.333333	-0.216213	0	
97	N152	1.077998	0.333333	2.299519	0	
98	N141B	0.366466	4.166667	-7.428457	0	
99	N142B	6.616466	4.166667	3.39686	0	
100	N143A	-6.616466	4.166667	3.39686	0	
101	N144A	-0.366466	4.166667	-7.428457	0	
102	N145A	-5.083333	4.166667	4.031597	0	
103	N146A	-5.083333	4.166667	3.86493	0	
104	N147	5.083333	4.166667	4.031597	0	
105	N148A	5.083333	4.166667	3.86493	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
106	N149A	6.033132	4.166667	2.386497	0	
107	N150	5.888795	4.166667	2.469831	0	
108	N151A	0.949799	4.166667	-6.418094	0	
109	N152A	0.805461	4.166667	-6.334761	0	
110	N153	-0.949799	4.166667	-6.418094	0	
111	N154	-0.805461	4.166667	-6.334761	0	
112	N155	-6.033132	4.166667	2.386497	0	
113	N156	-5.888795	4.166667	2.469831	0	
114	N157	0	-3	-1.208333	0	
115	N158	0	0	-5.291667	0	
116	N159	-1.046447	-3	0.604167	0	
117	N160	-4.582718	0	2.645833	0	
118	N161	1.046447	-3	0.604167	0	
119	N162	4.582718	0	2.645833	0	
120	N121	4.449799	0.333333	-0.355917	0	
121	N122	4.449799	4.166667	-0.355917	0	
122	N123	4.666305	0.333333	-0.480917	0	
123	N124	4.666305	4.166667	-0.480917	0	
124	N125	4.666305	4.5	-0.480917	0	
125	N126	4.666305	-.5	-0.480917	0	
126	N127	2.616466	0.333333	-3.531343	0	
127	N128	2.616466	4.166667	-3.531343	0	
128	N129	2.832972	0.333333	-3.656343	0	
129	N130	2.832972	4.166667	-3.656343	0	
130	N131A	2.832972	5.5	-3.656343	0	
131	N132A	2.832972	-2.5	-3.656343	0	
132	N134A	-2.533132	0.333333	-3.675681	0	
133	N135A	-2.533132	4.166667	-3.675681	0	
134	N136A	-2.749639	0.333333	-3.800681	0	
135	N137	-2.749639	4.166667	-3.800681	0	
136	N138	-2.749639	4.5	-3.800681	0	
137	N139	-2.749639	-.5	-3.800681	0	
138	N140	-4.366466	0.333333	-0.500254	0	
139	N141	-4.366466	4.166667	-0.500254	0	
140	N142	-4.582972	0.333333	-0.625254	0	
141	N143B	-4.582972	4.166667	-0.625254	0	
142	N144B	-4.582972	5.5	-0.625254	0	
143	N145B	-4.582972	-2.5	-0.625254	0	

Hot Rolled Steel Section Sets

	Label	Shape	Type	Design List	Material	Design ...	A [in2]	Iyy [in4]	Izz [in4]	J [in4]
1	Mount Pipe	PIPE_2.0	Column	Pipe	A53 Gr. B	Typical	1.02	.627	.627	1.25
2	Face Horizontal	C5X6.7	Beam	Channel	A36 Gr.36	Typical	1.97	.47	7.48	.055
3	Crossmember	L4X4X4	Beam	Single Angle	A36 Gr.36	Typical	1.93	3	3	.044
4	Standoff Horizontal	HSS4X4X4	Beam	Tube	A500 Gr. B 46	Typical	3.37	7.8	7.8	12.8
5	Connection Plate	PL3/8x3	Beam	RECT	A36 Gr.36	Typical	1.125	.013	.844	.049
6	Corner Plate	PL1/2x6	Beam	RECT	A36 Gr.36	Typical	3	.063	9	.237
7	Mod Support Rail	PIPE_2.5	Beam	Pipe	A53 Gr. B	Typical	1.61	1.45	1.45	2.89
8	Dual Antenna	PIPE_2.5	Column	Pipe	A53 Gr. B	Typical	1.61	1.45	1.45	2.89
9	Mod Kicker	LL3x3x3x3	Column	Double Angle (3/...	A36 Gr.36	Typical	2.18	4.09	1.9	.027
10	Mod Support Rail Corner	L3X3X4	Beam	Single Angle	A36 Gr.36	Typical	1.44	1.23	1.23	.031

Hot Rolled Steel Properties

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

Member Primary Data

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
1	M1	N2	N17			Standoff Horiz...	Beam	Tube	A500 Gr. ...	Typical
2	M2	N7	N6A			RIGID	None	None	RIGID	Typical
3	M4	N112A	N111A		90	Corner Plate	Beam	RECT	A36 Gr.36	Typical
4	M7	N14	N14A			Connection Pl...	Beam	RECT	A36 Gr.36	Typical
5	M7A	N14A	N15A		90	Crossmember	Beam	Single Angle	A36 Gr.36	Typical
6	M8	N15A	N15			Connection Pl...	Beam	RECT	A36 Gr.36	Typical
7	M7B	N13	N18			Standoff Horiz...	Beam	Tube	A500 Gr. ...	Typical
8	M8A	N15B	N14B			RIGID	None	None	RIGID	Typical
9	M9	N17A	N16		90	Corner Plate	Beam	RECT	A36 Gr.36	Typical
10	M10	N19	N21			Connection Pl...	Beam	RECT	A36 Gr.36	Typical
11	M11	N21	N22		90	Crossmember	Beam	Single Angle	A36 Gr.36	Typical
12	M12	N22	N20			Connection Pl...	Beam	RECT	A36 Gr.36	Typical
13	M13	N24	N29			Standoff Horiz...	Beam	Tube	A500 Gr. ...	Typical
14	M14	N26	N25			RIGID	None	None	RIGID	Typical
15	M15	N28	N27		90	Corner Plate	Beam	RECT	A36 Gr.36	Typical
16	M16	N30	N32			Connection Pl...	Beam	RECT	A36 Gr.36	Typical
17	M17	N32	N33		90	Crossmember	Beam	Single Angle	A36 Gr.36	Typical
18	M18	N33	N31			Connection Pl...	Beam	RECT	A36 Gr.36	Typical
19	M19	N34	N33A		180	Face Horizontal	Beam	Channel	A36 Gr.36	Typical
20	M20	N37	N36		180	Face Horizontal	Beam	Channel	A36 Gr.36	Typical
21	M21	N40	N39		180	Face Horizontal	Beam	Channel	A36 Gr.36	Typical
22	M22	N40A	N39A		180	Mod Support ...	Beam	Pipe	A53 Gr. B	Typical
23	M28	N52	N54			RIGID	None	None	RIGID	Typical
24	M29	N51	N53			RIGID	None	None	RIGID	Typical
25	MP1A	N55	N56			Mount Pipe	Column	Pipe	A53 Gr. B	Typical
26	M34	N64	N66			RIGID	None	None	RIGID	Typical
27	M35	N63	N65			RIGID	None	None	RIGID	Typical
28	MP3A	N67	N68			Mount Pipe	Column	Pipe	A53 Gr. B	Typical
29	M37	N70	N72			RIGID	None	None	RIGID	Typical
30	M38	N69	N71			RIGID	None	None	RIGID	Typical
31	MP4A	N73	N74			Mount Pipe	Column	Pipe	A53 Gr. B	Typical
32	M40	N76	N78			RIGID	None	None	RIGID	Typical
33	M41	N75	N77			RIGID	None	None	RIGID	Typical
34	MP2A	N79	N80			Dual Antenna	Column	Pipe	A53 Gr. B	Typical
35	M43	N83	N85			RIGID	None	None	RIGID	Typical
36	M44	N82	N84			RIGID	None	None	RIGID	Typical
37	MP1C	N86	N87			Mount Pipe	Column	Pipe	A53 Gr. B	Typical
38	M52	N101	N103			RIGID	None	None	RIGID	Typical
39	M53	N100	N102			RIGID	None	None	RIGID	Typical
40	MP4C	N104	N105			Mount Pipe	Column	Pipe	A53 Gr. B	Typical
41	M58	N114	N116			RIGID	None	None	RIGID	Typical
42	M59	N113	N115			RIGID	None	None	RIGID	Typical
43	MP1B	N117	N118			Mount Pipe	Column	Pipe	A53 Gr. B	Typical
44	M67	N132	N134			RIGID	None	None	RIGID	Typical
45	M68	N131	N133			RIGID	None	None	RIGID	Typical

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
46	MP4B	N135	N136			Mount Pipe	Column	Pipe	A53 Gr. B	Typical
47	M73	N141A	N142A			RIGID	None	None	RIGID	Typical
48	M74	N144	N143			Mount Pipe	Column	Pipe	A53 Gr. B	Typical
49	M70A	N142B	N141B		180	Mod Support ...	Beam	Pipe	A53 Gr. B	Typical
50	M71A	N144A	N143A		180	Mod Support ...	Beam	Pipe	A53 Gr. B	Typical
51	M72	N145A	N146A			RIGID	None	None	RIGID	Typical
52	M73A	N147	N148A			RIGID	None	None	RIGID	Typical
53	M74A	N149A	N150			RIGID	None	None	RIGID	Typical
54	M75	N151A	N152A			RIGID	None	None	RIGID	Typical
55	M76	N153	N154			RIGID	None	None	RIGID	Typical
56	M77	N155	N156			RIGID	None	None	RIGID	Typical
57	M78	N146A	N156		90	Mod Support ...	Beam	Single Angle	A36 Gr.36	Typical
58	M79	N154	N152A		90	Mod Support ...	Beam	Single Angle	A36 Gr.36	Typical
59	M80	N150	N148A		90	Mod Support ...	Beam	Single Angle	A36 Gr.36	Typical
60	M81	N158	N157			Mod Kicker	Column	Double Angle (...	A36 Gr.36	Typical
61	M82	N160	N159			Mod Kicker	Column	Double Angle (...	A36 Gr.36	Typical
62	M83	N162	N161			Mod Kicker	Column	Double Angle (...	A36 Gr.36	Typical
63	M63	N122	N124			RIGID	None	None	RIGID	Typical
64	M64	N121	N123			RIGID	None	None	RIGID	Typical
65	MP3C	N125	N126			Mount Pipe	Column	Pipe	A53 Gr. B	Typical
66	M66	N128	N130			RIGID	None	None	RIGID	Typical
67	M67A	N127	N129			RIGID	None	None	RIGID	Typical
68	MP2C	N131A	N132A			Dual Antenna	Column	Pipe	A53 Gr. B	Typical
69	M69	N135A	N137			RIGID	None	None	RIGID	Typical
70	M70	N134A	N136A			RIGID	None	None	RIGID	Typical
71	MP3B	N138	N139			Mount Pipe	Column	Pipe	A53 Gr. B	Typical
72	M72A	N141	N143B			RIGID	None	None	RIGID	Typical
73	M73B	N140	N142			RIGID	None	None	RIGID	Typical
74	MP2B	N144B	N145B			Dual Antenna	Column	Pipe	A53 Gr. B	Typical

Member Advanced Data

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
1	M1						Yes				None
2	M2						Yes	** NA **			None
3	M4						Yes				None
4	M7						Yes				None
5	M7A	OOOOOX	OOOOOX				Yes				None
6	M8						Yes				None
7	M7B						Yes				None
8	M8A						Yes	** NA **			None
9	M9						Yes				None
10	M10						Yes				None
11	M11	OOOOOX	OOOOOX				Yes				None
12	M12						Yes	Default			None
13	M13						Yes				None
14	M14						Yes	** NA **			None
15	M15						Yes				None
16	M16						Yes				None
17	M17	OOOOOX	OOOOOX				Yes				None
18	M18						Yes				None
19	M19						Yes				None
20	M20						Yes				None
21	M21						Yes				None
22	M22						Yes				None
23	M28						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...
24	M29						Yes	** NA **			None
25	MP1A						Yes	** NA **			None
26	M34						Yes	** NA **			None
27	M35						Yes	** NA **			None
28	MP3A						Yes	** NA **			None
29	M37						Yes	** NA **			None
30	M38						Yes	** NA **			None
31	MP4A						Yes	** NA **			None
32	M40						Yes	** NA **			None
33	M41		OOOXOO				Yes	** NA **			None
34	MP2A						Yes	** NA **			None
35	M43						Yes	** NA **			None
36	M44						Yes	** NA **			None
37	MP1C						Yes	** NA **			None
38	M52						Yes	** NA **			None
39	M53						Yes	** NA **			None
40	MP4C						Yes	** NA **			None
41	M58						Yes	** NA **			None
42	M59						Yes	** NA **			None
43	MP1B						Yes	** NA **			None
44	M67						Yes	** NA **			None
45	M68						Yes	** NA **			None
46	MP4B						Yes	** NA **			None
47	M73						Yes	** NA **			None
48	M74						Yes	** NA **			None
49	M70A						Yes				None
50	M71A						Yes				None
51	M72	OOOOOX					Yes	** NA **			None
52	M73A	OOOOOX					Yes	** NA **			None
53	M74A	OOOOOX					Yes	** NA **			None
54	M75	OOOOOX					Yes	** NA **			None
55	M76	OOOOOX					Yes	** NA **			None
56	M77	OOOOOX					Yes	** NA **			None
57	M78						Yes				None
58	M79						Yes				None
59	M80						Yes				None
60	M81	BenPIN	BenPIN				Yes	** NA **			None
61	M82	BenPIN	BenPIN				Yes	** NA **			None
62	M83	BenPIN	BenPIN				Yes	** NA **			None
63	M63						Yes	** NA **			None
64	M64						Yes	** NA **			None
65	MP3C						Yes	** NA **			None
66	M66						Yes	** NA **			None
67	M67A		OOOXOO				Yes	** NA **			None
68	MP2C						Yes	** NA **			None
69	M69						Yes	** NA **			None
70	M70						Yes	** NA **			None
71	MP3B						Yes	** NA **			None
72	M72A						Yes	** NA **			None
73	M73B		OOOXOO				Yes	** NA **			None
74	MP2B						Yes	** NA **			None

Member Point Loads (BLC 1 : Antenna D)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	Y	-31.65	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
2	MP2A	My	-.016	1
3	MP2A	Mz	.021	1
4	MP2A	Y	-31.65	6
5	MP2A	My	-.016	6
6	MP2A	Mz	.021	6
7	MP2B	Y	-31.65	1
8	MP2B	My	-.01	1
9	MP2B	Mz	-.024	1
10	MP2B	Y	-31.65	6
11	MP2B	My	-.01	6
12	MP2B	Mz	-.024	6
13	MP2C	Y	-31.65	1
14	MP2C	My	.026	1
15	MP2C	Mz	.003	1
16	MP2C	Y	-31.65	6
17	MP2C	My	.026	6
18	MP2C	Mz	.003	6
19	MP2A	Y	-31.65	1
20	MP2A	My	-.016	1
21	MP2A	Mz	-.021	1
22	MP2A	Y	-31.65	6
23	MP2A	My	-.016	6
24	MP2A	Mz	-.021	6
25	MP2B	Y	-31.65	1
26	MP2B	My	.026	1
27	MP2B	Mz	-.003	1
28	MP2B	Y	-31.65	6
29	MP2B	My	.026	6
30	MP2B	Mz	-.003	6
31	MP2C	Y	-31.65	1
32	MP2C	My	-.01	1
33	MP2C	Mz	.024	1
34	MP2C	Y	-31.65	6
35	MP2C	My	-.01	6
36	MP2C	Mz	.024	6
37	MP3A	Y	-43.55	2.5
38	MP3A	My	-.022	2.5
39	MP3A	Mz	0	2.5
40	MP3A	Y	-43.55	4.5
41	MP3A	My	-.022	4.5
42	MP3A	Mz	0	4.5
43	MP3B	Y	-43.55	2.5
44	MP3B	My	.011	2.5
45	MP3B	Mz	-.019	2.5
46	MP3B	Y	-43.55	4.5
47	MP3B	My	.011	4.5
48	MP3B	Mz	-.019	4.5
49	MP3C	Y	-43.55	2.5
50	MP3C	My	.011	2.5
51	MP3C	Mz	.019	2.5
52	MP3C	Y	-43.55	4.5
53	MP3C	My	.011	4.5
54	MP3C	Mz	.019	4.5
55	MP2A	Y	-10.4	1
56	MP2A	My	-.006	1
57	MP2A	Mz	.003	1
58	MP2B	Y	-10.4	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
59	MP2B	My	.000402	1
60	MP2B	Mz	-.006	1
61	MP2C	Y	-10.4	1
62	MP2C	My	.000402	1
63	MP2C	Mz	-.006	1
64	M74	Y	-32	1.5
65	M74	My	0	1.5
66	M74	Mz	0	1.5
67	MP2A	Y	-84.4	3.5
68	MP2A	My	.042	3.5
69	MP2A	Mz	0	3.5
70	MP2B	Y	-84.4	3.5
71	MP2B	My	-.021	3.5
72	MP2B	Mz	.037	3.5
73	MP2C	Y	-84.4	3.5
74	MP2C	My	-.021	3.5
75	MP2C	Mz	-.037	3.5
76	MP2A	Y	-70.3	6.5
77	MP2A	My	.035	6.5
78	MP2A	Mz	0	6.5
79	MP2B	Y	-70.3	6.5
80	MP2B	My	-.018	6.5
81	MP2B	Mz	.03	6.5
82	MP2C	Y	-70.3	6.5
83	MP2C	My	-.018	6.5
84	MP2C	Mz	-.03	6.5
85	MP1A	Y	-5	2
86	MP1A	My	-.003	2
87	MP1A	Mz	0	2
88	MP1A	Y	-5	5
89	MP1A	My	-.003	5
90	MP1A	Mz	0	5
91	MP1B	Y	-5	2
92	MP1B	My	.001	2
93	MP1B	Mz	-.002	2
94	MP1B	Y	-5	5
95	MP1B	My	.001	5
96	MP1B	Mz	-.002	5
97	MP1C	Y	-5	2
98	MP1C	My	.001	2
99	MP1C	Mz	.002	2
100	MP1C	Y	-5	5
101	MP1C	My	.001	5
102	MP1C	Mz	.002	5
103	MP4A	Y	-5	2
104	MP4A	My	-.003	2
105	MP4A	Mz	0	2
106	MP4A	Y	-5	5
107	MP4A	My	-.003	5
108	MP4A	Mz	0	5
109	MP4B	Y	-5	2
110	MP4B	My	.001	2
111	MP4B	Mz	-.002	2
112	MP4B	Y	-5	5
113	MP4B	My	.001	5
114	MP4B	Mz	-.002	5
115	MP4C	Y	-5	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
116	MP4C	My	.001	2
117	MP4C	Mz	.002	2
118	MP4C	Y	-5	5
119	MP4C	My	.001	5
120	MP4C	Mz	.002	5
121	M70A	Y	-17.6	7
122	M70A	My	.001	7
123	M70A	Mz	.003	7
124	M70A	Y	-17.6	7
125	M70A	My	-.001	7
126	M70A	Mz	-.003	7

Member Point Loads (BLC 2 : Antenna Di)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	Y	-70.42	1
2	MP2A	My	-.035	1
3	MP2A	Mz	.047	1
4	MP2A	Y	-70.42	6
5	MP2A	My	-.035	6
6	MP2A	Mz	.047	6
7	MP2B	Y	-70.42	1
8	MP2B	My	-.023	1
9	MP2B	Mz	-.054	1
10	MP2B	Y	-70.42	6
11	MP2B	My	-.023	6
12	MP2B	Mz	-.054	6
13	MP2C	Y	-70.42	1
14	MP2C	My	.058	1
15	MP2C	Mz	.007	1
16	MP2C	Y	-70.42	6
17	MP2C	My	.058	6
18	MP2C	Mz	.007	6
19	MP2A	Y	-70.42	1
20	MP2A	My	-.035	1
21	MP2A	Mz	-.047	1
22	MP2A	Y	-70.42	6
23	MP2A	My	-.035	6
24	MP2A	Mz	-.047	6
25	MP2B	Y	-70.42	1
26	MP2B	My	.058	1
27	MP2B	Mz	-.007	1
28	MP2B	Y	-70.42	6
29	MP2B	My	.058	6
30	MP2B	Mz	-.007	6
31	MP2C	Y	-70.42	1
32	MP2C	My	-.023	1
33	MP2C	Mz	.054	1
34	MP2C	Y	-70.42	6
35	MP2C	My	-.023	6
36	MP2C	Mz	.054	6
37	MP3A	Y	-35.859	2.5
38	MP3A	My	-.018	2.5
39	MP3A	Mz	0	2.5
40	MP3A	Y	-35.859	4.5
41	MP3A	My	-.018	4.5
42	MP3A	Mz	0	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
43	MP3B	Y	-35.859	2.5
44	MP3B	My	.009	2.5
45	MP3B	Mz	-.016	2.5
46	MP3B	Y	-35.859	4.5
47	MP3B	My	.009	4.5
48	MP3B	Mz	-.016	4.5
49	MP3C	Y	-35.859	2.5
50	MP3C	My	.009	2.5
51	MP3C	Mz	.016	2.5
52	MP3C	Y	-35.859	4.5
53	MP3C	My	.009	4.5
54	MP3C	Mz	.016	4.5
55	MP2A	Y	-10.825	1
56	MP2A	My	-.006	1
57	MP2A	Mz	.003	1
58	MP2B	Y	-10.825	1
59	MP2B	My	.000419	1
60	MP2B	Mz	-.006	1
61	MP2C	Y	-10.825	1
62	MP2C	My	.000419	1
63	MP2C	Mz	-.006	1
64	M74	Y	-76.467	1.5
65	M74	My	0	1.5
66	M74	Mz	0	1.5
67	MP2A	Y	-45.214	3.5
68	MP2A	My	.023	3.5
69	MP2A	Mz	0	3.5
70	MP2B	Y	-45.214	3.5
71	MP2B	My	-.011	3.5
72	MP2B	Mz	.02	3.5
73	MP2C	Y	-45.214	3.5
74	MP2C	My	-.011	3.5
75	MP2C	Mz	-.02	3.5
76	MP2A	Y	-40.663	6.5
77	MP2A	My	.02	6.5
78	MP2A	Mz	0	6.5
79	MP2B	Y	-40.663	6.5
80	MP2B	My	-.01	6.5
81	MP2B	Mz	.018	6.5
82	MP2C	Y	-40.663	6.5
83	MP2C	My	-.01	6.5
84	MP2C	Mz	-.018	6.5
85	MP1A	Y	-32.505	2
86	MP1A	My	-.016	2
87	MP1A	Mz	0	2
88	MP1A	Y	-32.505	5
89	MP1A	My	-.016	5
90	MP1A	Mz	0	5
91	MP1B	Y	-32.505	2
92	MP1B	My	.008	2
93	MP1B	Mz	-.014	2
94	MP1B	Y	-32.505	5
95	MP1B	My	.008	5
96	MP1B	Mz	-.014	5
97	MP1C	Y	-32.505	2
98	MP1C	My	.008	2
99	MP1C	Mz	.014	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
100	MP1C	Y	-32.505	5
101	MP1C	My	.008	5
102	MP1C	Mz	.014	5
103	MP4A	Y	-32.505	2
104	MP4A	My	-.016	2
105	MP4A	Mz	0	2
106	MP4A	Y	-32.505	5
107	MP4A	My	-.016	5
108	MP4A	Mz	0	5
109	MP4B	Y	-32.505	2
110	MP4B	My	.008	2
111	MP4B	Mz	-.014	2
112	MP4B	Y	-32.505	5
113	MP4B	My	.008	5
114	MP4B	Mz	-.014	5
115	MP4C	Y	-32.505	2
116	MP4C	My	.008	2
117	MP4C	Mz	.014	2
118	MP4C	Y	-32.505	5
119	MP4C	My	.008	5
120	MP4C	Mz	.014	5
121	M70A	Y	-17.432	7
122	M70A	My	.001	7
123	M70A	Mz	.003	7
124	M70A	Y	-17.432	7
125	M70A	My	-.001	7
126	M70A	Mz	-.003	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	-194.078	1
3	MP2A	Mx	-.129	1
4	MP2A	X	0	6
5	MP2A	Z	-194.078	6
6	MP2A	Mx	-.129	6
7	MP2B	X	0	1
8	MP2B	Z	-144.12	1
9	MP2B	Mx	.11	1
10	MP2B	X	0	6
11	MP2B	Z	-144.12	6
12	MP2B	Mx	.11	6
13	MP2C	X	0	1
14	MP2C	Z	-144.12	1
15	MP2C	Mx	-.014	1
16	MP2C	X	0	6
17	MP2C	Z	-144.12	6
18	MP2C	Mx	-.014	6
19	MP2A	X	0	1
20	MP2A	Z	-194.078	1
21	MP2A	Mx	.129	1
22	MP2A	X	0	6
23	MP2A	Z	-194.078	6
24	MP2A	Mx	.129	6
25	MP2B	X	0	1
26	MP2B	Z	-144.12	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
27	MP2B	Mx	.014	1
28	MP2B	X	0	6
29	MP2B	Z	-144.12	6
30	MP2B	Mx	.014	6
31	MP2C	X	0	1
32	MP2C	Z	-144.12	1
33	MP2C	Mx	-.11	1
34	MP2C	X	0	6
35	MP2C	Z	-144.12	6
36	MP2C	Mx	-.11	6
37	MP3A	X	0	2.5
38	MP3A	Z	-83.511	2.5
39	MP3A	Mx	0	2.5
40	MP3A	X	0	4.5
41	MP3A	Z	-83.511	4.5
42	MP3A	Mx	0	4.5
43	MP3B	X	0	2.5
44	MP3B	Z	-42.448	2.5
45	MP3B	Mx	.018	2.5
46	MP3B	X	0	4.5
47	MP3B	Z	-42.448	4.5
48	MP3B	Mx	.018	4.5
49	MP3C	X	0	2.5
50	MP3C	Z	-42.448	2.5
51	MP3C	Mx	-.018	2.5
52	MP3C	X	0	4.5
53	MP3C	Z	-42.448	4.5
54	MP3C	Mx	-.018	4.5
55	MP2A	X	0	1
56	MP2A	Z	-12.122	1
57	MP2A	Mx	-.003	1
58	MP2B	X	0	1
59	MP2B	Z	-12.122	1
60	MP2B	Mx	.007	1
61	MP2C	X	0	1
62	MP2C	Z	-12.122	1
63	MP2C	Mx	.007	1
64	M74	X	0	1.5
65	M74	Z	-126.971	1.5
66	M74	Mx	0	1.5
67	MP2A	X	0	3.5
68	MP2A	Z	-66.042	3.5
69	MP2A	Mx	0	3.5
70	MP2B	X	0	3.5
71	MP2B	Z	-49.744	3.5
72	MP2B	Mx	-.022	3.5
73	MP2C	X	0	3.5
74	MP2C	Z	-49.744	3.5
75	MP2C	Mx	.022	3.5
76	MP2A	X	0	6.5
77	MP2A	Z	-66.042	6.5
78	MP2A	Mx	0	6.5
79	MP2B	X	0	6.5
80	MP2B	Z	-43.673	6.5
81	MP2B	Mx	-.019	6.5
82	MP2C	X	0	6.5
83	MP2C	Z	-43.673	6.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
84	MP2C	Mx	.019	6.5
85	MP1A	X	0	2
86	MP1A	Z	-60.929	2
87	MP1A	Mx	0	2
88	MP1A	X	0	5
89	MP1A	Z	-60.929	5
90	MP1A	Mx	0	5
91	MP1B	X	0	2
92	MP1B	Z	-75.889	2
93	MP1B	Mx	.033	2
94	MP1B	X	0	5
95	MP1B	Z	-75.889	5
96	MP1B	Mx	.033	5
97	MP1C	X	0	2
98	MP1C	Z	-75.889	2
99	MP1C	Mx	-.033	2
100	MP1C	X	0	5
101	MP1C	Z	-75.889	5
102	MP1C	Mx	-.033	5
103	MP4A	X	0	2
104	MP4A	Z	-60.929	2
105	MP4A	Mx	0	2
106	MP4A	X	0	5
107	MP4A	Z	-60.929	5
108	MP4A	Mx	0	5
109	MP4B	X	0	2
110	MP4B	Z	-75.889	2
111	MP4B	Mx	.033	2
112	MP4B	X	0	5
113	MP4B	Z	-75.889	5
114	MP4B	Mx	.033	5
115	MP4C	X	0	2
116	MP4C	Z	-75.889	2
117	MP4C	Mx	-.033	2
118	MP4C	X	0	5
119	MP4C	Z	-75.889	5
120	MP4C	Mx	-.033	5
121	M70A	X	0	7
122	M70A	Z	-19.446	7
123	M70A	Mx	-.003	7
124	M70A	X	0	7
125	M70A	Z	-19.446	7
126	M70A	Mx	.003	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	88.713	1
2	MP2A	Z	-153.655	1
3	MP2A	Mx	-.147	1
4	MP2A	X	88.713	6
5	MP2A	Z	-153.655	6
6	MP2A	Mx	-.147	6
7	MP2B	X	63.734	1
8	MP2B	Z	-110.39	1
9	MP2B	Mx	.064	1
10	MP2B	X	63.734	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
11	MP2B	Z	-110.39	6
12	MP2B	Mx	.064	6
13	MP2C	X	88.713	1
14	MP2C	Z	-153.655	1
15	MP2C	Mx	.058	1
16	MP2C	X	88.713	6
17	MP2C	Z	-153.655	6
18	MP2C	Mx	.058	6
19	MP2A	X	88.713	1
20	MP2A	Z	-153.655	1
21	MP2A	Mx	.058	1
22	MP2A	X	88.713	6
23	MP2A	Z	-153.655	6
24	MP2A	Mx	.058	6
25	MP2B	X	63.734	1
26	MP2B	Z	-110.39	1
27	MP2B	Mx	.064	1
28	MP2B	X	63.734	6
29	MP2B	Z	-110.39	6
30	MP2B	Mx	.064	6
31	MP2C	X	88.713	1
32	MP2C	Z	-153.655	1
33	MP2C	Mx	-.147	1
34	MP2C	X	88.713	6
35	MP2C	Z	-153.655	6
36	MP2C	Mx	-.147	6
37	MP3A	X	34.912	2.5
38	MP3A	Z	-60.469	2.5
39	MP3A	Mx	-.017	2.5
40	MP3A	X	34.912	4.5
41	MP3A	Z	-60.469	4.5
42	MP3A	Mx	-.017	4.5
43	MP3B	X	14.38	2.5
44	MP3B	Z	-24.907	2.5
45	MP3B	Mx	.014	2.5
46	MP3B	X	14.38	4.5
47	MP3B	Z	-24.907	4.5
48	MP3B	Mx	.014	4.5
49	MP3C	X	34.912	2.5
50	MP3C	Z	-60.469	2.5
51	MP3C	Mx	-.017	2.5
52	MP3C	X	34.912	4.5
53	MP3C	Z	-60.469	4.5
54	MP3C	Mx	-.017	4.5
55	MP2A	X	5.454	1
56	MP2A	Z	-9.446	1
57	MP2A	Mx	-.005	1
58	MP2B	X	7.275	1
59	MP2B	Z	-12.601	1
60	MP2B	Mx	.008	1
61	MP2C	X	7.275	1
62	MP2C	Z	-12.601	1
63	MP2C	Mx	.008	1
64	M74	X	55.39	1.5
65	M74	Z	-95.938	1.5
66	M74	Mx	0	1.5
67	MP2A	X	30.305	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
68	MP2A	Z	-52.489	3.5
69	MP2A	Mx	.015	3.5
70	MP2B	X	22.156	3.5
71	MP2B	Z	-38.375	3.5
72	MP2B	Mx	-.022	3.5
73	MP2C	X	30.305	3.5
74	MP2C	Z	-52.489	3.5
75	MP2C	Mx	.015	3.5
76	MP2A	X	29.293	6.5
77	MP2A	Z	-50.736	6.5
78	MP2A	Mx	.015	6.5
79	MP2B	X	18.108	6.5
80	MP2B	Z	-31.364	6.5
81	MP2B	Mx	-.018	6.5
82	MP2C	X	29.293	6.5
83	MP2C	Z	-50.736	6.5
84	MP2C	Mx	.015	6.5
85	MP1A	X	32.958	2
86	MP1A	Z	-57.085	2
87	MP1A	Mx	-.016	2
88	MP1A	X	32.958	5
89	MP1A	Z	-57.085	5
90	MP1A	Mx	-.016	5
91	MP1B	X	40.438	2
92	MP1B	Z	-70.04	2
93	MP1B	Mx	.04	2
94	MP1B	X	40.438	5
95	MP1B	Z	-70.04	5
96	MP1B	Mx	.04	5
97	MP1C	X	32.958	2
98	MP1C	Z	-57.085	2
99	MP1C	Mx	-.016	2
100	MP1C	X	32.958	5
101	MP1C	Z	-57.085	5
102	MP1C	Mx	-.016	5
103	MP4A	X	32.958	2
104	MP4A	Z	-57.085	2
105	MP4A	Mx	-.016	2
106	MP4A	X	32.958	5
107	MP4A	Z	-57.085	5
108	MP4A	Mx	-.016	5
109	MP4B	X	40.438	2
110	MP4B	Z	-70.04	2
111	MP4B	Mx	.04	2
112	MP4B	X	40.438	5
113	MP4B	Z	-70.04	5
114	MP4B	Mx	.04	5
115	MP4C	X	32.958	2
116	MP4C	Z	-57.085	2
117	MP4C	Mx	-.016	2
118	MP4C	X	32.958	5
119	MP4C	Z	-57.085	5
120	MP4C	Mx	-.016	5
121	M70A	X	16.816	7
122	M70A	Z	-29.127	7
123	M70A	Mx	-.003	7
124	M70A	X	16.816	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
125	M70A	Z	-29.127	7
126	M70A	Mx	.003	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	124.812	1
2	MP2A	Z	-72.06	1
3	MP2A	Mx	-.11	1
4	MP2A	X	124.812	6
5	MP2A	Z	-72.06	6
6	MP2A	Mx	-.11	6
7	MP2B	X	124.812	1
8	MP2B	Z	-72.06	1
9	MP2B	Mx	.014	1
10	MP2B	X	124.812	6
11	MP2B	Z	-72.06	6
12	MP2B	Mx	.014	6
13	MP2C	X	168.076	1
14	MP2C	Z	-97.039	1
15	MP2C	Mx	.129	1
16	MP2C	X	168.076	6
17	MP2C	Z	-97.039	6
18	MP2C	Mx	.129	6
19	MP2A	X	124.812	1
20	MP2A	Z	-72.06	1
21	MP2A	Mx	-.014	1
22	MP2A	X	124.812	6
23	MP2A	Z	-72.06	6
24	MP2A	Mx	-.014	6
25	MP2B	X	124.812	1
26	MP2B	Z	-72.06	1
27	MP2B	Mx	.11	1
28	MP2B	X	124.812	6
29	MP2B	Z	-72.06	6
30	MP2B	Mx	.11	6
31	MP2C	X	168.076	1
32	MP2C	Z	-97.039	1
33	MP2C	Mx	-.129	1
34	MP2C	X	168.076	6
35	MP2C	Z	-97.039	6
36	MP2C	Mx	-.129	6
37	MP3A	X	36.761	2.5
38	MP3A	Z	-21.224	2.5
39	MP3A	Mx	-.018	2.5
40	MP3A	X	36.761	4.5
41	MP3A	Z	-21.224	4.5
42	MP3A	Mx	-.018	4.5
43	MP3B	X	36.761	2.5
44	MP3B	Z	-21.224	2.5
45	MP3B	Mx	.018	2.5
46	MP3B	X	36.761	4.5
47	MP3B	Z	-21.224	4.5
48	MP3B	Mx	.018	4.5
49	MP3C	X	72.323	2.5
50	MP3C	Z	-41.755	2.5
51	MP3C	Mx	0	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
52	MP3C	X	72.323	4.5
53	MP3C	Z	-41.755	4.5
54	MP3C	Mx	0	4.5
55	MP2A	X	10.498	1
56	MP2A	Z	-6.061	1
57	MP2A	Mx	-.007	1
58	MP2B	X	13.653	1
59	MP2B	Z	-7.882	1
60	MP2B	Mx	.005	1
61	MP2C	X	13.653	1
62	MP2C	Z	-7.882	1
63	MP2C	Mx	.005	1
64	M74	X	88.927	1.5
65	M74	Z	-51.342	1.5
66	M74	Mx	0	1.5
67	MP2A	X	43.08	3.5
68	MP2A	Z	-24.872	3.5
69	MP2A	Mx	.022	3.5
70	MP2B	X	43.08	3.5
71	MP2B	Z	-24.872	3.5
72	MP2B	Mx	-.022	3.5
73	MP2C	X	57.194	3.5
74	MP2C	Z	-33.021	3.5
75	MP2C	Mx	0	3.5
76	MP2A	X	37.822	6.5
77	MP2A	Z	-21.836	6.5
78	MP2A	Mx	.019	6.5
79	MP2B	X	37.822	6.5
80	MP2B	Z	-21.836	6.5
81	MP2B	Mx	-.019	6.5
82	MP2C	X	57.194	6.5
83	MP2C	Z	-33.021	6.5
84	MP2C	Mx	0	6.5
85	MP1A	X	65.722	2
86	MP1A	Z	-37.944	2
87	MP1A	Mx	-.033	2
88	MP1A	X	65.722	5
89	MP1A	Z	-37.944	5
90	MP1A	Mx	-.033	5
91	MP1B	X	65.722	2
92	MP1B	Z	-37.944	2
93	MP1B	Mx	.033	2
94	MP1B	X	65.722	5
95	MP1B	Z	-37.944	5
96	MP1B	Mx	.033	5
97	MP1C	X	52.766	2
98	MP1C	Z	-30.464	2
99	MP1C	Mx	0	2
100	MP1C	X	52.766	5
101	MP1C	Z	-30.464	5
102	MP1C	Mx	0	5
103	MP4A	X	65.722	2
104	MP4A	Z	-37.944	2
105	MP4A	Mx	-.033	2
106	MP4A	X	65.722	5
107	MP4A	Z	-37.944	5
108	MP4A	Mx	-.033	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
109	MP4B	X	65.722	2
110	MP4B	Z	-37.944	2
111	MP4B	Mx	.033	2
112	MP4B	X	65.722	5
113	MP4B	Z	-37.944	5
114	MP4B	Mx	.033	5
115	MP4C	X	52.766	2
116	MP4C	Z	-30.464	2
117	MP4C	Mx	0	2
118	MP4C	X	52.766	5
119	MP4C	Z	-30.464	5
120	MP4C	Mx	0	5
121	M70A	X	35.27	7
122	M70A	Z	-20.363	7
123	M70A	Mx	0	7
124	M70A	X	35.27	7
125	M70A	Z	-20.363	7
126	M70A	Mx	0	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	127.468	1
2	MP2A	Z	0	1
3	MP2A	Mx	-.064	1
4	MP2A	X	127.468	6
5	MP2A	Z	0	6
6	MP2A	Mx	-.064	6
7	MP2B	X	177.425	1
8	MP2B	Z	0	1
9	MP2B	Mx	-.058	1
10	MP2B	X	177.425	6
11	MP2B	Z	0	6
12	MP2B	Mx	-.058	6
13	MP2C	X	177.425	1
14	MP2C	Z	0	1
15	MP2C	Mx	.147	1
16	MP2C	X	177.425	6
17	MP2C	Z	0	6
18	MP2C	Mx	.147	6
19	MP2A	X	127.468	1
20	MP2A	Z	0	1
21	MP2A	Mx	-.064	1
22	MP2A	X	127.468	6
23	MP2A	Z	0	6
24	MP2A	Mx	-.064	6
25	MP2B	X	177.425	1
26	MP2B	Z	0	1
27	MP2B	Mx	.147	1
28	MP2B	X	177.425	6
29	MP2B	Z	0	6
30	MP2B	Mx	.147	6
31	MP2C	X	177.425	1
32	MP2C	Z	0	1
33	MP2C	Mx	-.058	1
34	MP2C	X	177.425	6
35	MP2C	Z	0	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
36	MP2C	Mx	-.058	6
37	MP3A	X	28.76	2.5
38	MP3A	Z	0	2.5
39	MP3A	Mx	-.014	2.5
40	MP3A	X	28.76	4.5
41	MP3A	Z	0	4.5
42	MP3A	Mx	-.014	4.5
43	MP3B	X	69.823	2.5
44	MP3B	Z	0	2.5
45	MP3B	Mx	.017	2.5
46	MP3B	X	69.823	4.5
47	MP3B	Z	0	4.5
48	MP3B	Mx	.017	4.5
49	MP3C	X	69.823	2.5
50	MP3C	Z	0	2.5
51	MP3C	Mx	.017	2.5
52	MP3C	X	69.823	4.5
53	MP3C	Z	0	4.5
54	MP3C	Mx	.017	4.5
55	MP2A	X	14.55	1
56	MP2A	Z	0	1
57	MP2A	Mx	-.008	1
58	MP2B	X	14.55	1
59	MP2B	Z	0	1
60	MP2B	Mx	.000563	1
61	MP2C	X	14.55	1
62	MP2C	Z	0	1
63	MP2C	Mx	.000563	1
64	M74	X	110.78	1.5
65	M74	Z	0	1.5
66	M74	Mx	0	1.5
67	MP2A	X	44.312	3.5
68	MP2A	Z	0	3.5
69	MP2A	Mx	.022	3.5
70	MP2B	X	60.609	3.5
71	MP2B	Z	0	3.5
72	MP2B	Mx	-.015	3.5
73	MP2C	X	60.609	3.5
74	MP2C	Z	0	3.5
75	MP2C	Mx	-.015	3.5
76	MP2A	X	36.216	6.5
77	MP2A	Z	0	6.5
78	MP2A	Mx	.018	6.5
79	MP2B	X	58.585	6.5
80	MP2B	Z	0	6.5
81	MP2B	Mx	-.015	6.5
82	MP2C	X	58.585	6.5
83	MP2C	Z	0	6.5
84	MP2C	Mx	-.015	6.5
85	MP1A	X	80.875	2
86	MP1A	Z	0	2
87	MP1A	Mx	-.04	2
88	MP1A	X	80.875	5
89	MP1A	Z	0	5
90	MP1A	Mx	-.04	5
91	MP1B	X	65.916	2
92	MP1B	Z	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
93	MP1B	Mx	.016	2
94	MP1B	X	65.916	5
95	MP1B	Z	0	5
96	MP1B	Mx	.016	5
97	MP1C	X	65.916	2
98	MP1C	Z	0	2
99	MP1C	Mx	.016	2
100	MP1C	X	65.916	5
101	MP1C	Z	0	5
102	MP1C	Mx	.016	5
103	MP4A	X	80.875	2
104	MP4A	Z	0	2
105	MP4A	Mx	-.04	2
106	MP4A	X	80.875	5
107	MP4A	Z	0	5
108	MP4A	Mx	-.04	5
109	MP4B	X	65.916	2
110	MP4B	Z	0	2
111	MP4B	Mx	.016	2
112	MP4B	X	65.916	5
113	MP4B	Z	0	5
114	MP4B	Mx	.016	5
115	MP4C	X	65.916	2
116	MP4C	Z	0	2
117	MP4C	Mx	.016	2
118	MP4C	X	65.916	5
119	MP4C	Z	0	5
120	MP4C	Mx	.016	5
121	M70A	X	33.633	7
122	M70A	Z	0	7
123	M70A	Mx	.003	7
124	M70A	X	33.633	7
125	M70A	Z	0	7
126	M70A	Mx	-.003	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	124.812	1
2	MP2A	Z	72.06	1
3	MP2A	Mx	-.014	1
4	MP2A	X	124.812	6
5	MP2A	Z	72.06	6
6	MP2A	Mx	-.014	6
7	MP2B	X	168.076	1
8	MP2B	Z	97.039	1
9	MP2B	Mx	-.129	1
10	MP2B	X	168.076	6
11	MP2B	Z	97.039	6
12	MP2B	Mx	-.129	6
13	MP2C	X	124.812	1
14	MP2C	Z	72.06	1
15	MP2C	Mx	.11	1
16	MP2C	X	124.812	6
17	MP2C	Z	72.06	6
18	MP2C	Mx	.11	6
19	MP2A	X	124.812	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
20	MP2A	Z	72.06	1
21	MP2A	Mx	-.11	1
22	MP2A	X	124.812	6
23	MP2A	Z	72.06	6
24	MP2A	Mx	-.11	6
25	MP2B	X	168.076	1
26	MP2B	Z	97.039	1
27	MP2B	Mx	.129	1
28	MP2B	X	168.076	6
29	MP2B	Z	97.039	6
30	MP2B	Mx	.129	6
31	MP2C	X	124.812	1
32	MP2C	Z	72.06	1
33	MP2C	Mx	.014	1
34	MP2C	X	124.812	6
35	MP2C	Z	72.06	6
36	MP2C	Mx	.014	6
37	MP3A	X	36.761	2.5
38	MP3A	Z	21.224	2.5
39	MP3A	Mx	-.018	2.5
40	MP3A	X	36.761	4.5
41	MP3A	Z	21.224	4.5
42	MP3A	Mx	-.018	4.5
43	MP3B	X	72.323	2.5
44	MP3B	Z	41.755	2.5
45	MP3B	Mx	0	2.5
46	MP3B	X	72.323	4.5
47	MP3B	Z	41.755	4.5
48	MP3B	Mx	0	4.5
49	MP3C	X	36.761	2.5
50	MP3C	Z	21.224	2.5
51	MP3C	Mx	.018	2.5
52	MP3C	X	36.761	4.5
53	MP3C	Z	21.224	4.5
54	MP3C	Mx	.018	4.5
55	MP2A	X	13.653	1
56	MP2A	Z	7.882	1
57	MP2A	Mx	-.005	1
58	MP2B	X	10.498	1
59	MP2B	Z	6.061	1
60	MP2B	Mx	-.003	1
61	MP2C	X	10.498	1
62	MP2C	Z	6.061	1
63	MP2C	Mx	-.003	1
64	M74	X	109.96	1.5
65	M74	Z	63.485	1.5
66	M74	Mx	0	1.5
67	MP2A	X	43.08	3.5
68	MP2A	Z	24.872	3.5
69	MP2A	Mx	.022	3.5
70	MP2B	X	57.194	3.5
71	MP2B	Z	33.021	3.5
72	MP2B	Mx	0	3.5
73	MP2C	X	43.08	3.5
74	MP2C	Z	24.872	3.5
75	MP2C	Mx	-.022	3.5
76	MP2A	X	37.822	6.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
77	MP2A	Z	21.836	6.5
78	MP2A	Mx	.019	6.5
79	MP2B	X	57.194	6.5
80	MP2B	Z	33.021	6.5
81	MP2B	Mx	0	6.5
82	MP2C	X	37.822	6.5
83	MP2C	Z	21.836	6.5
84	MP2C	Mx	-.019	6.5
85	MP1A	X	65.722	2
86	MP1A	Z	37.944	2
87	MP1A	Mx	-.033	2
88	MP1A	X	65.722	5
89	MP1A	Z	37.944	5
90	MP1A	Mx	-.033	5
91	MP1B	X	52.766	2
92	MP1B	Z	30.464	2
93	MP1B	Mx	0	2
94	MP1B	X	52.766	5
95	MP1B	Z	30.464	5
96	MP1B	Mx	0	5
97	MP1C	X	65.722	2
98	MP1C	Z	37.944	2
99	MP1C	Mx	.033	2
100	MP1C	X	65.722	5
101	MP1C	Z	37.944	5
102	MP1C	Mx	.033	5
103	MP4A	X	65.722	2
104	MP4A	Z	37.944	2
105	MP4A	Mx	-.033	2
106	MP4A	X	65.722	5
107	MP4A	Z	37.944	5
108	MP4A	Mx	-.033	5
109	MP4B	X	52.766	2
110	MP4B	Z	30.464	2
111	MP4B	Mx	0	2
112	MP4B	X	52.766	5
113	MP4B	Z	30.464	5
114	MP4B	Mx	0	5
115	MP4C	X	65.722	2
116	MP4C	Z	37.944	2
117	MP4C	Mx	.033	2
118	MP4C	X	65.722	5
119	MP4C	Z	37.944	5
120	MP4C	Mx	.033	5
121	M70A	X	16.841	7
122	M70A	Z	9.723	7
123	M70A	Mx	.003	7
124	M70A	X	16.841	7
125	M70A	Z	9.723	7
126	M70A	Mx	-.003	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	88.713	1
2	MP2A	Z	153.655	1
3	MP2A	Mx	.058	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
4	MP2A	X	88.713	6
5	MP2A	Z	153.655	6
6	MP2A	Mx	.058	6
7	MP2B	X	88.713	1
8	MP2B	Z	153.655	1
9	MP2B	Mx	-.147	1
10	MP2B	X	88.713	6
11	MP2B	Z	153.655	6
12	MP2B	Mx	-.147	6
13	MP2C	X	63.734	1
14	MP2C	Z	110.39	1
15	MP2C	Mx	.064	1
16	MP2C	X	63.734	6
17	MP2C	Z	110.39	6
18	MP2C	Mx	.064	6
19	MP2A	X	88.713	1
20	MP2A	Z	153.655	1
21	MP2A	Mx	-.147	1
22	MP2A	X	88.713	6
23	MP2A	Z	153.655	6
24	MP2A	Mx	-.147	6
25	MP2B	X	88.713	1
26	MP2B	Z	153.655	1
27	MP2B	Mx	.058	1
28	MP2B	X	88.713	6
29	MP2B	Z	153.655	6
30	MP2B	Mx	.058	6
31	MP2C	X	63.734	1
32	MP2C	Z	110.39	1
33	MP2C	Mx	.064	1
34	MP2C	X	63.734	6
35	MP2C	Z	110.39	6
36	MP2C	Mx	.064	6
37	MP3A	X	34.912	2.5
38	MP3A	Z	60.469	2.5
39	MP3A	Mx	-.017	2.5
40	MP3A	X	34.912	4.5
41	MP3A	Z	60.469	4.5
42	MP3A	Mx	-.017	4.5
43	MP3B	X	34.912	2.5
44	MP3B	Z	60.469	2.5
45	MP3B	Mx	-.017	2.5
46	MP3B	X	34.912	4.5
47	MP3B	Z	60.469	4.5
48	MP3B	Mx	-.017	4.5
49	MP3C	X	14.38	2.5
50	MP3C	Z	24.907	2.5
51	MP3C	Mx	.014	2.5
52	MP3C	X	14.38	4.5
53	MP3C	Z	24.907	4.5
54	MP3C	Mx	.014	4.5
55	MP2A	X	7.275	1
56	MP2A	Z	12.601	1
57	MP2A	Mx	-.000563	1
58	MP2B	X	5.454	1
59	MP2B	Z	9.446	1
60	MP2B	Mx	-.005	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
61	MP2C	X	5.454	1
62	MP2C	Z	9.446	1
63	MP2C	Mx	-.005	1
64	M74	X	67.533	1.5
65	M74	Z	116.971	1.5
66	M74	Mx	0	1.5
67	MP2A	X	30.305	3.5
68	MP2A	Z	52.489	3.5
69	MP2A	Mx	.015	3.5
70	MP2B	X	30.305	3.5
71	MP2B	Z	52.489	3.5
72	MP2B	Mx	.015	3.5
73	MP2C	X	22.156	3.5
74	MP2C	Z	38.375	3.5
75	MP2C	Mx	-.022	3.5
76	MP2A	X	29.293	6.5
77	MP2A	Z	50.736	6.5
78	MP2A	Mx	.015	6.5
79	MP2B	X	29.293	6.5
80	MP2B	Z	50.736	6.5
81	MP2B	Mx	.015	6.5
82	MP2C	X	18.108	6.5
83	MP2C	Z	31.364	6.5
84	MP2C	Mx	-.018	6.5
85	MP1A	X	32.958	2
86	MP1A	Z	57.085	2
87	MP1A	Mx	-.016	2
88	MP1A	X	32.958	5
89	MP1A	Z	57.085	5
90	MP1A	Mx	-.016	5
91	MP1B	X	32.958	2
92	MP1B	Z	57.085	2
93	MP1B	Mx	-.016	2
94	MP1B	X	32.958	5
95	MP1B	Z	57.085	5
96	MP1B	Mx	-.016	5
97	MP1C	X	40.438	2
98	MP1C	Z	70.04	2
99	MP1C	Mx	.04	2
100	MP1C	X	40.438	5
101	MP1C	Z	70.04	5
102	MP1C	Mx	.04	5
103	MP4A	X	32.958	2
104	MP4A	Z	57.085	2
105	MP4A	Mx	-.016	2
106	MP4A	X	32.958	5
107	MP4A	Z	57.085	5
108	MP4A	Mx	-.016	5
109	MP4B	X	32.958	2
110	MP4B	Z	57.085	2
111	MP4B	Mx	-.016	2
112	MP4B	X	32.958	5
113	MP4B	Z	57.085	5
114	MP4B	Mx	-.016	5
115	MP4C	X	40.438	2
116	MP4C	Z	70.04	2
117	MP4C	Mx	.04	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
118	MP4C	X	40.438	5
119	MP4C	Z	70.04	5
120	MP4C	Mx	.04	5
121	M70A	X	6.176	7
122	M70A	Z	10.698	7
123	M70A	Mx	.002	7
124	M70A	X	6.176	7
125	M70A	Z	10.698	7
126	M70A	Mx	-.002	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	194.078	1
3	MP2A	Mx	.129	1
4	MP2A	X	0	6
5	MP2A	Z	194.078	6
6	MP2A	Mx	.129	6
7	MP2B	X	0	1
8	MP2B	Z	144.12	1
9	MP2B	Mx	-.11	1
10	MP2B	X	0	6
11	MP2B	Z	144.12	6
12	MP2B	Mx	-.11	6
13	MP2C	X	0	1
14	MP2C	Z	144.12	1
15	MP2C	Mx	.014	1
16	MP2C	X	0	6
17	MP2C	Z	144.12	6
18	MP2C	Mx	.014	6
19	MP2A	X	0	1
20	MP2A	Z	194.078	1
21	MP2A	Mx	-.129	1
22	MP2A	X	0	6
23	MP2A	Z	194.078	6
24	MP2A	Mx	-.129	6
25	MP2B	X	0	1
26	MP2B	Z	144.12	1
27	MP2B	Mx	-.014	1
28	MP2B	X	0	6
29	MP2B	Z	144.12	6
30	MP2B	Mx	-.014	6
31	MP2C	X	0	1
32	MP2C	Z	144.12	1
33	MP2C	Mx	.11	1
34	MP2C	X	0	6
35	MP2C	Z	144.12	6
36	MP2C	Mx	.11	6
37	MP3A	X	0	2.5
38	MP3A	Z	83.511	2.5
39	MP3A	Mx	0	2.5
40	MP3A	X	0	4.5
41	MP3A	Z	83.511	4.5
42	MP3A	Mx	0	4.5
43	MP3B	X	0	2.5
44	MP3B	Z	42.448	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
45	MP3B	Mx	-.018	2.5
46	MP3B	X	0	4.5
47	MP3B	Z	42.448	4.5
48	MP3B	Mx	-.018	4.5
49	MP3C	X	0	2.5
50	MP3C	Z	42.448	2.5
51	MP3C	Mx	.018	2.5
52	MP3C	X	0	4.5
53	MP3C	Z	42.448	4.5
54	MP3C	Mx	.018	4.5
55	MP2A	X	0	1
56	MP2A	Z	12.122	1
57	MP2A	Mx	.003	1
58	MP2B	X	0	1
59	MP2B	Z	12.122	1
60	MP2B	Mx	-.007	1
61	MP2C	X	0	1
62	MP2C	Z	12.122	1
63	MP2C	Mx	-.007	1
64	M74	X	0	1.5
65	M74	Z	126.971	1.5
66	M74	Mx	0	1.5
67	MP2A	X	0	3.5
68	MP2A	Z	66.042	3.5
69	MP2A	Mx	0	3.5
70	MP2B	X	0	3.5
71	MP2B	Z	49.744	3.5
72	MP2B	Mx	.022	3.5
73	MP2C	X	0	3.5
74	MP2C	Z	49.744	3.5
75	MP2C	Mx	-.022	3.5
76	MP2A	X	0	6.5
77	MP2A	Z	66.042	6.5
78	MP2A	Mx	0	6.5
79	MP2B	X	0	6.5
80	MP2B	Z	43.673	6.5
81	MP2B	Mx	.019	6.5
82	MP2C	X	0	6.5
83	MP2C	Z	43.673	6.5
84	MP2C	Mx	-.019	6.5
85	MP1A	X	0	2
86	MP1A	Z	60.929	2
87	MP1A	Mx	0	2
88	MP1A	X	0	5
89	MP1A	Z	60.929	5
90	MP1A	Mx	0	5
91	MP1B	X	0	2
92	MP1B	Z	75.889	2
93	MP1B	Mx	-.033	2
94	MP1B	X	0	5
95	MP1B	Z	75.889	5
96	MP1B	Mx	-.033	5
97	MP1C	X	0	2
98	MP1C	Z	75.889	2
99	MP1C	Mx	.033	2
100	MP1C	X	0	5
101	MP1C	Z	75.889	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
102	MP1C	Mx	.033	5
103	MP4A	X	0	2
104	MP4A	Z	60.929	2
105	MP4A	Mx	0	2
106	MP4A	X	0	5
107	MP4A	Z	60.929	5
108	MP4A	Mx	0	5
109	MP4B	X	0	2
110	MP4B	Z	75.889	2
111	MP4B	Mx	-.033	2
112	MP4B	X	0	5
113	MP4B	Z	75.889	5
114	MP4B	Mx	-.033	5
115	MP4C	X	0	2
116	MP4C	Z	75.889	2
117	MP4C	Mx	.033	2
118	MP4C	X	0	5
119	MP4C	Z	75.889	5
120	MP4C	Mx	.033	5
121	M70A	X	0	7
122	M70A	Z	19.446	7
123	M70A	Mx	.003	7
124	M70A	X	0	7
125	M70A	Z	19.446	7
126	M70A	Mx	-.003	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-88.713	1
2	MP2A	Z	153.655	1
3	MP2A	Mx	.147	1
4	MP2A	X	-88.713	6
5	MP2A	Z	153.655	6
6	MP2A	Mx	.147	6
7	MP2B	X	-63.734	1
8	MP2B	Z	110.39	1
9	MP2B	Mx	-.064	1
10	MP2B	X	-63.734	6
11	MP2B	Z	110.39	6
12	MP2B	Mx	-.064	6
13	MP2C	X	-88.713	1
14	MP2C	Z	153.655	1
15	MP2C	Mx	-.058	1
16	MP2C	X	-88.713	6
17	MP2C	Z	153.655	6
18	MP2C	Mx	-.058	6
19	MP2A	X	-88.713	1
20	MP2A	Z	153.655	1
21	MP2A	Mx	-.058	1
22	MP2A	X	-88.713	6
23	MP2A	Z	153.655	6
24	MP2A	Mx	-.058	6
25	MP2B	X	-63.734	1
26	MP2B	Z	110.39	1
27	MP2B	Mx	-.064	1
28	MP2B	X	-63.734	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
29	MP2B	Z	110.39	6
30	MP2B	Mx	-.064	6
31	MP2C	X	-88.713	1
32	MP2C	Z	153.655	1
33	MP2C	Mx	.147	1
34	MP2C	X	-88.713	6
35	MP2C	Z	153.655	6
36	MP2C	Mx	.147	6
37	MP3A	X	-34.912	2.5
38	MP3A	Z	60.469	2.5
39	MP3A	Mx	.017	2.5
40	MP3A	X	-34.912	4.5
41	MP3A	Z	60.469	4.5
42	MP3A	Mx	.017	4.5
43	MP3B	X	-14.38	2.5
44	MP3B	Z	24.907	2.5
45	MP3B	Mx	-.014	2.5
46	MP3B	X	-14.38	4.5
47	MP3B	Z	24.907	4.5
48	MP3B	Mx	-.014	4.5
49	MP3C	X	-34.912	2.5
50	MP3C	Z	60.469	2.5
51	MP3C	Mx	.017	2.5
52	MP3C	X	-34.912	4.5
53	MP3C	Z	60.469	4.5
54	MP3C	Mx	.017	4.5
55	MP2A	X	-5.454	1
56	MP2A	Z	9.446	1
57	MP2A	Mx	.005	1
58	MP2B	X	-7.275	1
59	MP2B	Z	12.601	1
60	MP2B	Mx	-.008	1
61	MP2C	X	-7.275	1
62	MP2C	Z	12.601	1
63	MP2C	Mx	-.008	1
64	M74	X	-55.39	1.5
65	M74	Z	95.938	1.5
66	M74	Mx	0	1.5
67	MP2A	X	-30.305	3.5
68	MP2A	Z	52.489	3.5
69	MP2A	Mx	-.015	3.5
70	MP2B	X	-22.156	3.5
71	MP2B	Z	38.375	3.5
72	MP2B	Mx	.022	3.5
73	MP2C	X	-30.305	3.5
74	MP2C	Z	52.489	3.5
75	MP2C	Mx	-.015	3.5
76	MP2A	X	-29.293	6.5
77	MP2A	Z	50.736	6.5
78	MP2A	Mx	-.015	6.5
79	MP2B	X	-18.108	6.5
80	MP2B	Z	31.364	6.5
81	MP2B	Mx	.018	6.5
82	MP2C	X	-29.293	6.5
83	MP2C	Z	50.736	6.5
84	MP2C	Mx	-.015	6.5
85	MP1A	X	-32.958	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
86	MP1A	Z	57.085	2
87	MP1A	Mx	.016	2
88	MP1A	X	-32.958	5
89	MP1A	Z	57.085	5
90	MP1A	Mx	.016	5
91	MP1B	X	-40.438	2
92	MP1B	Z	70.04	2
93	MP1B	Mx	-.04	2
94	MP1B	X	-40.438	5
95	MP1B	Z	70.04	5
96	MP1B	Mx	-.04	5
97	MP1C	X	-32.958	2
98	MP1C	Z	57.085	2
99	MP1C	Mx	.016	2
100	MP1C	X	-32.958	5
101	MP1C	Z	57.085	5
102	MP1C	Mx	.016	5
103	MP4A	X	-32.958	2
104	MP4A	Z	57.085	2
105	MP4A	Mx	.016	2
106	MP4A	X	-32.958	5
107	MP4A	Z	57.085	5
108	MP4A	Mx	.016	5
109	MP4B	X	-40.438	2
110	MP4B	Z	70.04	2
111	MP4B	Mx	-.04	2
112	MP4B	X	-40.438	5
113	MP4B	Z	70.04	5
114	MP4B	Mx	-.04	5
115	MP4C	X	-32.958	2
116	MP4C	Z	57.085	2
117	MP4C	Mx	.016	2
118	MP4C	X	-32.958	5
119	MP4C	Z	57.085	5
120	MP4C	Mx	.016	5
121	M70A	X	-16.816	7
122	M70A	Z	29.127	7
123	M70A	Mx	.003	7
124	M70A	X	-16.816	7
125	M70A	Z	29.127	7
126	M70A	Mx	-.003	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-124.812	1
2	MP2A	Z	72.06	1
3	MP2A	Mx	.11	1
4	MP2A	X	-124.812	6
5	MP2A	Z	72.06	6
6	MP2A	Mx	.11	6
7	MP2B	X	-124.812	1
8	MP2B	Z	72.06	1
9	MP2B	Mx	-.014	1
10	MP2B	X	-124.812	6
11	MP2B	Z	72.06	6
12	MP2B	Mx	-.014	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
13	MP2C	X	-168.076	1
14	MP2C	Z	97.039	1
15	MP2C	Mx	-.129	1
16	MP2C	X	-168.076	6
17	MP2C	Z	97.039	6
18	MP2C	Mx	-.129	6
19	MP2A	X	-124.812	1
20	MP2A	Z	72.06	1
21	MP2A	Mx	.014	1
22	MP2A	X	-124.812	6
23	MP2A	Z	72.06	6
24	MP2A	Mx	.014	6
25	MP2B	X	-124.812	1
26	MP2B	Z	72.06	1
27	MP2B	Mx	-.11	1
28	MP2B	X	-124.812	6
29	MP2B	Z	72.06	6
30	MP2B	Mx	-.11	6
31	MP2C	X	-168.076	1
32	MP2C	Z	97.039	1
33	MP2C	Mx	.129	1
34	MP2C	X	-168.076	6
35	MP2C	Z	97.039	6
36	MP2C	Mx	.129	6
37	MP3A	X	-36.761	2.5
38	MP3A	Z	21.224	2.5
39	MP3A	Mx	.018	2.5
40	MP3A	X	-36.761	4.5
41	MP3A	Z	21.224	4.5
42	MP3A	Mx	.018	4.5
43	MP3B	X	-36.761	2.5
44	MP3B	Z	21.224	2.5
45	MP3B	Mx	-.018	2.5
46	MP3B	X	-36.761	4.5
47	MP3B	Z	21.224	4.5
48	MP3B	Mx	-.018	4.5
49	MP3C	X	-72.323	2.5
50	MP3C	Z	41.755	2.5
51	MP3C	Mx	0	2.5
52	MP3C	X	-72.323	4.5
53	MP3C	Z	41.755	4.5
54	MP3C	Mx	0	4.5
55	MP2A	X	-10.498	1
56	MP2A	Z	6.061	1
57	MP2A	Mx	.007	1
58	MP2B	X	-13.653	1
59	MP2B	Z	7.882	1
60	MP2B	Mx	-.005	1
61	MP2C	X	-13.653	1
62	MP2C	Z	7.882	1
63	MP2C	Mx	-.005	1
64	M74	X	-88.927	1.5
65	M74	Z	51.342	1.5
66	M74	Mx	0	1.5
67	MP2A	X	-43.08	3.5
68	MP2A	Z	24.872	3.5
69	MP2A	Mx	-.022	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
70	MP2B	X	-43.08	3.5
71	MP2B	Z	24.872	3.5
72	MP2B	Mx	.022	3.5
73	MP2C	X	-57.194	3.5
74	MP2C	Z	33.021	3.5
75	MP2C	Mx	0	3.5
76	MP2A	X	-37.822	6.5
77	MP2A	Z	21.836	6.5
78	MP2A	Mx	-.019	6.5
79	MP2B	X	-37.822	6.5
80	MP2B	Z	21.836	6.5
81	MP2B	Mx	.019	6.5
82	MP2C	X	-57.194	6.5
83	MP2C	Z	33.021	6.5
84	MP2C	Mx	0	6.5
85	MP1A	X	-65.722	2
86	MP1A	Z	37.944	2
87	MP1A	Mx	.033	2
88	MP1A	X	-65.722	5
89	MP1A	Z	37.944	5
90	MP1A	Mx	.033	5
91	MP1B	X	-65.722	2
92	MP1B	Z	37.944	2
93	MP1B	Mx	-.033	2
94	MP1B	X	-65.722	5
95	MP1B	Z	37.944	5
96	MP1B	Mx	-.033	5
97	MP1C	X	-52.766	2
98	MP1C	Z	30.464	2
99	MP1C	Mx	0	2
100	MP1C	X	-52.766	5
101	MP1C	Z	30.464	5
102	MP1C	Mx	0	5
103	MP4A	X	-65.722	2
104	MP4A	Z	37.944	2
105	MP4A	Mx	.033	2
106	MP4A	X	-65.722	5
107	MP4A	Z	37.944	5
108	MP4A	Mx	.033	5
109	MP4B	X	-65.722	2
110	MP4B	Z	37.944	2
111	MP4B	Mx	-.033	2
112	MP4B	X	-65.722	5
113	MP4B	Z	37.944	5
114	MP4B	Mx	-.033	5
115	MP4C	X	-52.766	2
116	MP4C	Z	30.464	2
117	MP4C	Mx	0	2
118	MP4C	X	-52.766	5
119	MP4C	Z	30.464	5
120	MP4C	Mx	0	5
121	M70A	X	-35.27	7
122	M70A	Z	20.363	7
123	M70A	Mx	0	7
124	M70A	X	-35.27	7
125	M70A	Z	20.363	7
126	M70A	Mx	0	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-127.468	1
2	MP2A	Z	0	1
3	MP2A	Mx	.064	1
4	MP2A	X	-127.468	6
5	MP2A	Z	0	6
6	MP2A	Mx	.064	6
7	MP2B	X	-177.425	1
8	MP2B	Z	0	1
9	MP2B	Mx	.058	1
10	MP2B	X	-177.425	6
11	MP2B	Z	0	6
12	MP2B	Mx	.058	6
13	MP2C	X	-177.425	1
14	MP2C	Z	0	1
15	MP2C	Mx	-.147	1
16	MP2C	X	-177.425	6
17	MP2C	Z	0	6
18	MP2C	Mx	-.147	6
19	MP2A	X	-127.468	1
20	MP2A	Z	0	1
21	MP2A	Mx	.064	1
22	MP2A	X	-127.468	6
23	MP2A	Z	0	6
24	MP2A	Mx	.064	6
25	MP2B	X	-177.425	1
26	MP2B	Z	0	1
27	MP2B	Mx	-.147	1
28	MP2B	X	-177.425	6
29	MP2B	Z	0	6
30	MP2B	Mx	-.147	6
31	MP2C	X	-177.425	1
32	MP2C	Z	0	1
33	MP2C	Mx	.058	1
34	MP2C	X	-177.425	6
35	MP2C	Z	0	6
36	MP2C	Mx	.058	6
37	MP3A	X	-28.76	2.5
38	MP3A	Z	0	2.5
39	MP3A	Mx	.014	2.5
40	MP3A	X	-28.76	4.5
41	MP3A	Z	0	4.5
42	MP3A	Mx	.014	4.5
43	MP3B	X	-69.823	2.5
44	MP3B	Z	0	2.5
45	MP3B	Mx	-.017	2.5
46	MP3B	X	-69.823	4.5
47	MP3B	Z	0	4.5
48	MP3B	Mx	-.017	4.5
49	MP3C	X	-69.823	2.5
50	MP3C	Z	0	2.5
51	MP3C	Mx	-.017	2.5
52	MP3C	X	-69.823	4.5
53	MP3C	Z	0	4.5
54	MP3C	Mx	-.017	4.5
55	MP2A	X	-14.55	1
56	MP2A	Z	0	1
57	MP2A	Mx	.008	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP2B	X	-14.55	1
59	MP2B	Z	0	1
60	MP2B	Mx	-.000563	1
61	MP2C	X	-14.55	1
62	MP2C	Z	0	1
63	MP2C	Mx	-.000563	1
64	M74	X	-110.78	1.5
65	M74	Z	0	1.5
66	M74	Mx	0	1.5
67	MP2A	X	-44.312	3.5
68	MP2A	Z	0	3.5
69	MP2A	Mx	-.022	3.5
70	MP2B	X	-60.609	3.5
71	MP2B	Z	0	3.5
72	MP2B	Mx	.015	3.5
73	MP2C	X	-60.609	3.5
74	MP2C	Z	0	3.5
75	MP2C	Mx	.015	3.5
76	MP2A	X	-36.216	6.5
77	MP2A	Z	0	6.5
78	MP2A	Mx	-.018	6.5
79	MP2B	X	-58.585	6.5
80	MP2B	Z	0	6.5
81	MP2B	Mx	.015	6.5
82	MP2C	X	-58.585	6.5
83	MP2C	Z	0	6.5
84	MP2C	Mx	.015	6.5
85	MP1A	X	-80.875	2
86	MP1A	Z	0	2
87	MP1A	Mx	.04	2
88	MP1A	X	-80.875	5
89	MP1A	Z	0	5
90	MP1A	Mx	.04	5
91	MP1B	X	-65.916	2
92	MP1B	Z	0	2
93	MP1B	Mx	-.016	2
94	MP1B	X	-65.916	5
95	MP1B	Z	0	5
96	MP1B	Mx	-.016	5
97	MP1C	X	-65.916	2
98	MP1C	Z	0	2
99	MP1C	Mx	-.016	2
100	MP1C	X	-65.916	5
101	MP1C	Z	0	5
102	MP1C	Mx	-.016	5
103	MP4A	X	-80.875	2
104	MP4A	Z	0	2
105	MP4A	Mx	.04	2
106	MP4A	X	-80.875	5
107	MP4A	Z	0	5
108	MP4A	Mx	.04	5
109	MP4B	X	-65.916	2
110	MP4B	Z	0	2
111	MP4B	Mx	-.016	2
112	MP4B	X	-65.916	5
113	MP4B	Z	0	5
114	MP4B	Mx	-.016	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
115	MP4C	X	-65.916	2
116	MP4C	Z	0	2
117	MP4C	Mx	-.016	2
118	MP4C	X	-65.916	5
119	MP4C	Z	0	5
120	MP4C	Mx	-.016	5
121	M70A	X	-33.633	7
122	M70A	Z	0	7
123	M70A	Mx	-.003	7
124	M70A	X	-33.633	7
125	M70A	Z	0	7
126	M70A	Mx	.003	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-124.812	1
2	MP2A	Z	-72.06	1
3	MP2A	Mx	.014	1
4	MP2A	X	-124.812	6
5	MP2A	Z	-72.06	6
6	MP2A	Mx	.014	6
7	MP2B	X	-168.076	1
8	MP2B	Z	-97.039	1
9	MP2B	Mx	.129	1
10	MP2B	X	-168.076	6
11	MP2B	Z	-97.039	6
12	MP2B	Mx	.129	6
13	MP2C	X	-124.812	1
14	MP2C	Z	-72.06	1
15	MP2C	Mx	-.11	1
16	MP2C	X	-124.812	6
17	MP2C	Z	-72.06	6
18	MP2C	Mx	-.11	6
19	MP2A	X	-124.812	1
20	MP2A	Z	-72.06	1
21	MP2A	Mx	.11	1
22	MP2A	X	-124.812	6
23	MP2A	Z	-72.06	6
24	MP2A	Mx	.11	6
25	MP2B	X	-168.076	1
26	MP2B	Z	-97.039	1
27	MP2B	Mx	-.129	1
28	MP2B	X	-168.076	6
29	MP2B	Z	-97.039	6
30	MP2B	Mx	-.129	6
31	MP2C	X	-124.812	1
32	MP2C	Z	-72.06	1
33	MP2C	Mx	-.014	1
34	MP2C	X	-124.812	6
35	MP2C	Z	-72.06	6
36	MP2C	Mx	-.014	6
37	MP3A	X	-36.761	2.5
38	MP3A	Z	-21.224	2.5
39	MP3A	Mx	.018	2.5
40	MP3A	X	-36.761	4.5
41	MP3A	Z	-21.224	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
42	MP3A	Mx	.018	4.5
43	MP3B	X	-72.323	2.5
44	MP3B	Z	-41.755	2.5
45	MP3B	Mx	0	2.5
46	MP3B	X	-72.323	4.5
47	MP3B	Z	-41.755	4.5
48	MP3B	Mx	0	4.5
49	MP3C	X	-36.761	2.5
50	MP3C	Z	-21.224	2.5
51	MP3C	Mx	-.018	2.5
52	MP3C	X	-36.761	4.5
53	MP3C	Z	-21.224	4.5
54	MP3C	Mx	-.018	4.5
55	MP2A	X	-13.653	1
56	MP2A	Z	-7.882	1
57	MP2A	Mx	.005	1
58	MP2B	X	-10.498	1
59	MP2B	Z	-6.061	1
60	MP2B	Mx	.003	1
61	MP2C	X	-10.498	1
62	MP2C	Z	-6.061	1
63	MP2C	Mx	.003	1
64	M74	X	-109.96	1.5
65	M74	Z	-63.485	1.5
66	M74	Mx	0	1.5
67	MP2A	X	-43.08	3.5
68	MP2A	Z	-24.872	3.5
69	MP2A	Mx	-.022	3.5
70	MP2B	X	-57.194	3.5
71	MP2B	Z	-33.021	3.5
72	MP2B	Mx	0	3.5
73	MP2C	X	-43.08	3.5
74	MP2C	Z	-24.872	3.5
75	MP2C	Mx	.022	3.5
76	MP2A	X	-37.822	6.5
77	MP2A	Z	-21.836	6.5
78	MP2A	Mx	-.019	6.5
79	MP2B	X	-57.194	6.5
80	MP2B	Z	-33.021	6.5
81	MP2B	Mx	0	6.5
82	MP2C	X	-37.822	6.5
83	MP2C	Z	-21.836	6.5
84	MP2C	Mx	.019	6.5
85	MP1A	X	-65.722	2
86	MP1A	Z	-37.944	2
87	MP1A	Mx	.033	2
88	MP1A	X	-65.722	5
89	MP1A	Z	-37.944	5
90	MP1A	Mx	.033	5
91	MP1B	X	-52.766	2
92	MP1B	Z	-30.464	2
93	MP1B	Mx	0	2
94	MP1B	X	-52.766	5
95	MP1B	Z	-30.464	5
96	MP1B	Mx	0	5
97	MP1C	X	-65.722	2
98	MP1C	Z	-37.944	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
99	MP1C	Mx	-.033	2
100	MP1C	X	-65.722	5
101	MP1C	Z	-37.944	5
102	MP1C	Mx	-.033	5
103	MP4A	X	-65.722	2
104	MP4A	Z	-37.944	2
105	MP4A	Mx	.033	2
106	MP4A	X	-65.722	5
107	MP4A	Z	-37.944	5
108	MP4A	Mx	.033	5
109	MP4B	X	-52.766	2
110	MP4B	Z	-30.464	2
111	MP4B	Mx	0	2
112	MP4B	X	-52.766	5
113	MP4B	Z	-30.464	5
114	MP4B	Mx	0	5
115	MP4C	X	-65.722	2
116	MP4C	Z	-37.944	2
117	MP4C	Mx	-.033	2
118	MP4C	X	-65.722	5
119	MP4C	Z	-37.944	5
120	MP4C	Mx	-.033	5
121	M70A	X	-16.841	7
122	M70A	Z	-9.723	7
123	M70A	Mx	-.003	7
124	M70A	X	-16.841	7
125	M70A	Z	-9.723	7
126	M70A	Mx	.003	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-88.713	1
2	MP2A	Z	-153.655	1
3	MP2A	Mx	-.058	1
4	MP2A	X	-88.713	6
5	MP2A	Z	-153.655	6
6	MP2A	Mx	-.058	6
7	MP2B	X	-88.713	1
8	MP2B	Z	-153.655	1
9	MP2B	Mx	.147	1
10	MP2B	X	-88.713	6
11	MP2B	Z	-153.655	6
12	MP2B	Mx	.147	6
13	MP2C	X	-63.734	1
14	MP2C	Z	-110.39	1
15	MP2C	Mx	-.064	1
16	MP2C	X	-63.734	6
17	MP2C	Z	-110.39	6
18	MP2C	Mx	-.064	6
19	MP2A	X	-88.713	1
20	MP2A	Z	-153.655	1
21	MP2A	Mx	.147	1
22	MP2A	X	-88.713	6
23	MP2A	Z	-153.655	6
24	MP2A	Mx	.147	6
25	MP2B	X	-88.713	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
26	MP2B	Z	-153.655	1
27	MP2B	Mx	-.058	1
28	MP2B	X	-88.713	6
29	MP2B	Z	-153.655	6
30	MP2B	Mx	-.058	6
31	MP2C	X	-63.734	1
32	MP2C	Z	-110.39	1
33	MP2C	Mx	-.064	1
34	MP2C	X	-63.734	6
35	MP2C	Z	-110.39	6
36	MP2C	Mx	-.064	6
37	MP3A	X	-34.912	2.5
38	MP3A	Z	-60.469	2.5
39	MP3A	Mx	.017	2.5
40	MP3A	X	-34.912	4.5
41	MP3A	Z	-60.469	4.5
42	MP3A	Mx	.017	4.5
43	MP3B	X	-34.912	2.5
44	MP3B	Z	-60.469	2.5
45	MP3B	Mx	.017	2.5
46	MP3B	X	-34.912	4.5
47	MP3B	Z	-60.469	4.5
48	MP3B	Mx	.017	4.5
49	MP3C	X	-14.38	2.5
50	MP3C	Z	-24.907	2.5
51	MP3C	Mx	-.014	2.5
52	MP3C	X	-14.38	4.5
53	MP3C	Z	-24.907	4.5
54	MP3C	Mx	-.014	4.5
55	MP2A	X	-7.275	1
56	MP2A	Z	-12.601	1
57	MP2A	Mx	.000563	1
58	MP2B	X	-5.454	1
59	MP2B	Z	-9.446	1
60	MP2B	Mx	.005	1
61	MP2C	X	-5.454	1
62	MP2C	Z	-9.446	1
63	MP2C	Mx	.005	1
64	M74	X	-67.533	1.5
65	M74	Z	-116.971	1.5
66	M74	Mx	0	1.5
67	MP2A	X	-30.305	3.5
68	MP2A	Z	-52.489	3.5
69	MP2A	Mx	-.015	3.5
70	MP2B	X	-30.305	3.5
71	MP2B	Z	-52.489	3.5
72	MP2B	Mx	-.015	3.5
73	MP2C	X	-22.156	3.5
74	MP2C	Z	-38.375	3.5
75	MP2C	Mx	.022	3.5
76	MP2A	X	-29.293	6.5
77	MP2A	Z	-50.736	6.5
78	MP2A	Mx	-.015	6.5
79	MP2B	X	-29.293	6.5
80	MP2B	Z	-50.736	6.5
81	MP2B	Mx	-.015	6.5
82	MP2C	X	-18.108	6.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
83	MP2C	Z	-31.364	6.5
84	MP2C	Mx	.018	6.5
85	MP1A	X	-32.958	2
86	MP1A	Z	-57.085	2
87	MP1A	Mx	.016	2
88	MP1A	X	-32.958	5
89	MP1A	Z	-57.085	5
90	MP1A	Mx	.016	5
91	MP1B	X	-32.958	2
92	MP1B	Z	-57.085	2
93	MP1B	Mx	.016	2
94	MP1B	X	-32.958	5
95	MP1B	Z	-57.085	5
96	MP1B	Mx	.016	5
97	MP1C	X	-40.438	2
98	MP1C	Z	-70.04	2
99	MP1C	Mx	-.04	2
100	MP1C	X	-40.438	5
101	MP1C	Z	-70.04	5
102	MP1C	Mx	-.04	5
103	MP4A	X	-32.958	2
104	MP4A	Z	-57.085	2
105	MP4A	Mx	.016	2
106	MP4A	X	-32.958	5
107	MP4A	Z	-57.085	5
108	MP4A	Mx	.016	5
109	MP4B	X	-32.958	2
110	MP4B	Z	-57.085	2
111	MP4B	Mx	.016	2
112	MP4B	X	-32.958	5
113	MP4B	Z	-57.085	5
114	MP4B	Mx	.016	5
115	MP4C	X	-40.438	2
116	MP4C	Z	-70.04	2
117	MP4C	Mx	-.04	2
118	MP4C	X	-40.438	5
119	MP4C	Z	-70.04	5
120	MP4C	Mx	-.04	5
121	M70A	X	-6.176	7
122	M70A	Z	-10.698	7
123	M70A	Mx	-.002	7
124	M70A	X	-6.176	7
125	M70A	Z	-10.698	7
126	M70A	Mx	.002	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	-36.943	1
3	MP2A	Mx	-.025	1
4	MP2A	X	0	6
5	MP2A	Z	-36.943	6
6	MP2A	Mx	-.025	6
7	MP2B	X	0	1
8	MP2B	Z	-28.141	1
9	MP2B	Mx	.022	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
10	MP2B	X	0	6
11	MP2B	Z	-28.141	6
12	MP2B	Mx	.022	6
13	MP2C	X	0	1
14	MP2C	Z	-28.141	1
15	MP2C	Mx	-.003	1
16	MP2C	X	0	6
17	MP2C	Z	-28.141	6
18	MP2C	Mx	-.003	6
19	MP2A	X	0	1
20	MP2A	Z	-36.943	1
21	MP2A	Mx	.025	1
22	MP2A	X	0	6
23	MP2A	Z	-36.943	6
24	MP2A	Mx	.025	6
25	MP2B	X	0	1
26	MP2B	Z	-28.141	1
27	MP2B	Mx	.003	1
28	MP2B	X	0	6
29	MP2B	Z	-28.141	6
30	MP2B	Mx	.003	6
31	MP2C	X	0	1
32	MP2C	Z	-28.141	1
33	MP2C	Mx	-.022	1
34	MP2C	X	0	6
35	MP2C	Z	-28.141	6
36	MP2C	Mx	-.022	6
37	MP3A	X	0	2.5
38	MP3A	Z	-19.652	2.5
39	MP3A	Mx	0	2.5
40	MP3A	X	0	4.5
41	MP3A	Z	-19.652	4.5
42	MP3A	Mx	0	4.5
43	MP3B	X	0	2.5
44	MP3B	Z	-11.195	2.5
45	MP3B	Mx	.005	2.5
46	MP3B	X	0	4.5
47	MP3B	Z	-11.195	4.5
48	MP3B	Mx	.005	4.5
49	MP3C	X	0	2.5
50	MP3C	Z	-11.195	2.5
51	MP3C	Mx	-.005	2.5
52	MP3C	X	0	4.5
53	MP3C	Z	-11.195	4.5
54	MP3C	Mx	-.005	4.5
55	MP2A	X	0	1
56	MP2A	Z	-3.274	1
57	MP2A	Mx	-.000872	1
58	MP2B	X	0	1
59	MP2B	Z	-3.274	1
60	MP2B	Mx	.002	1
61	MP2C	X	0	1
62	MP2C	Z	-3.274	1
63	MP2C	Mx	.002	1
64	M74	X	0	1.5
65	M74	Z	-29.37	1.5
66	M74	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
67	MP2A	X	0	3.5
68	MP2A	Z	-16.569	3.5
69	MP2A	Mx	0	3.5
70	MP2B	X	0	3.5
71	MP2B	Z	-12.788	3.5
72	MP2B	Mx	-.006	3.5
73	MP2C	X	0	3.5
74	MP2C	Z	-12.788	3.5
75	MP2C	Mx	.006	3.5
76	MP2A	X	0	6.5
77	MP2A	Z	-16.569	6.5
78	MP2A	Mx	0	6.5
79	MP2B	X	0	6.5
80	MP2B	Z	-11.352	6.5
81	MP2B	Mx	-.005	6.5
82	MP2C	X	0	6.5
83	MP2C	Z	-11.352	6.5
84	MP2C	Mx	.005	6.5
85	MP1A	X	0	2
86	MP1A	Z	-12.659	2
87	MP1A	Mx	0	2
88	MP1A	X	0	5
89	MP1A	Z	-12.659	5
90	MP1A	Mx	0	5
91	MP1B	X	0	2
92	MP1B	Z	-15.315	2
93	MP1B	Mx	.007	2
94	MP1B	X	0	5
95	MP1B	Z	-15.315	5
96	MP1B	Mx	.007	5
97	MP1C	X	0	2
98	MP1C	Z	-15.315	2
99	MP1C	Mx	-.007	2
100	MP1C	X	0	5
101	MP1C	Z	-15.315	5
102	MP1C	Mx	-.007	5
103	MP4A	X	0	2
104	MP4A	Z	-12.659	2
105	MP4A	Mx	0	2
106	MP4A	X	0	5
107	MP4A	Z	-12.659	5
108	MP4A	Mx	0	5
109	MP4B	X	0	2
110	MP4B	Z	-15.315	2
111	MP4B	Mx	.007	2
112	MP4B	X	0	5
113	MP4B	Z	-15.315	5
114	MP4B	Mx	.007	5
115	MP4C	X	0	2
116	MP4C	Z	-15.315	2
117	MP4C	Mx	-.007	2
118	MP4C	X	0	5
119	MP4C	Z	-15.315	5
120	MP4C	Mx	-.007	5
121	M70A	X	0	7
122	M70A	Z	-4.831	7
123	M70A	Mx	-.000697	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
124	M70A	X	0	7
125	M70A	Z	-4.831	7
126	M70A	Mx	.000697	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	17.004	1
2	MP2A	Z	-29.453	1
3	MP2A	Mx	-.028	1
4	MP2A	X	17.004	6
5	MP2A	Z	-29.453	6
6	MP2A	Mx	-.028	6
7	MP2B	X	12.603	1
8	MP2B	Z	-21.829	1
9	MP2B	Mx	.013	1
10	MP2B	X	12.603	6
11	MP2B	Z	-21.829	6
12	MP2B	Mx	.013	6
13	MP2C	X	17.004	1
14	MP2C	Z	-29.453	1
15	MP2C	Mx	.011	1
16	MP2C	X	17.004	6
17	MP2C	Z	-29.453	6
18	MP2C	Mx	.011	6
19	MP2A	X	17.004	1
20	MP2A	Z	-29.453	1
21	MP2A	Mx	.011	1
22	MP2A	X	17.004	6
23	MP2A	Z	-29.453	6
24	MP2A	Mx	.011	6
25	MP2B	X	12.603	1
26	MP2B	Z	-21.829	1
27	MP2B	Mx	.013	1
28	MP2B	X	12.603	6
29	MP2B	Z	-21.829	6
30	MP2B	Mx	.013	6
31	MP2C	X	17.004	1
32	MP2C	Z	-29.453	1
33	MP2C	Mx	-.028	1
34	MP2C	X	17.004	6
35	MP2C	Z	-29.453	6
36	MP2C	Mx	-.028	6
37	MP3A	X	8.417	2.5
38	MP3A	Z	-14.578	2.5
39	MP3A	Mx	-.004	2.5
40	MP3A	X	8.417	4.5
41	MP3A	Z	-14.578	4.5
42	MP3A	Mx	-.004	4.5
43	MP3B	X	4.188	2.5
44	MP3B	Z	-7.253	2.5
45	MP3B	Mx	.004	2.5
46	MP3B	X	4.188	4.5
47	MP3B	Z	-7.253	4.5
48	MP3B	Mx	.004	4.5
49	MP3C	X	8.417	2.5
50	MP3C	Z	-14.578	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
51	MP3C	Mx	-.004	2.5
52	MP3C	X	8.417	4.5
53	MP3C	Z	-14.578	4.5
54	MP3C	Mx	-.004	4.5
55	MP2A	X	1.511	1
56	MP2A	Z	-2.618	1
57	MP2A	Mx	-.002	1
58	MP2B	X	1.888	1
59	MP2B	Z	-3.27	1
60	MP2B	Mx	.002	1
61	MP2C	X	1.888	1
62	MP2C	Z	-3.27	1
63	MP2C	Mx	.002	1
64	M74	X	12.167	1.5
65	M74	Z	-21.074	1.5
66	M74	Mx	0	1.5
67	MP2A	X	7.654	3.5
68	MP2A	Z	-13.258	3.5
69	MP2A	Mx	.004	3.5
70	MP2B	X	5.764	3.5
71	MP2B	Z	-9.984	3.5
72	MP2B	Mx	-.006	3.5
73	MP2C	X	7.654	3.5
74	MP2C	Z	-13.258	3.5
75	MP2C	Mx	.004	3.5
76	MP2A	X	7.415	6.5
77	MP2A	Z	-12.843	6.5
78	MP2A	Mx	.004	6.5
79	MP2B	X	4.806	6.5
80	MP2B	Z	-8.325	6.5
81	MP2B	Mx	-.005	6.5
82	MP2C	X	7.415	6.5
83	MP2C	Z	-12.843	6.5
84	MP2C	Mx	.004	6.5
85	MP1A	X	6.772	2
86	MP1A	Z	-11.73	2
87	MP1A	Mx	-.003	2
88	MP1A	X	6.772	5
89	MP1A	Z	-11.73	5
90	MP1A	Mx	-.003	5
91	MP1B	X	8.1	2
92	MP1B	Z	-14.03	2
93	MP1B	Mx	.008	2
94	MP1B	X	8.1	5
95	MP1B	Z	-14.03	5
96	MP1B	Mx	.008	5
97	MP1C	X	6.772	2
98	MP1C	Z	-11.73	2
99	MP1C	Mx	-.003	2
100	MP1C	X	6.772	5
101	MP1C	Z	-11.73	5
102	MP1C	Mx	-.003	5
103	MP4A	X	6.772	2
104	MP4A	Z	-11.73	2
105	MP4A	Mx	-.003	2
106	MP4A	X	6.772	5
107	MP4A	Z	-11.73	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
108	MP4A	Mx	-.003	5
109	MP4B	X	8.1	2
110	MP4B	Z	-14.03	2
111	MP4B	Mx	.008	2
112	MP4B	X	8.1	5
113	MP4B	Z	-14.03	5
114	MP4B	Mx	.008	5
115	MP4C	X	6.772	2
116	MP4C	Z	-11.73	2
117	MP4C	Mx	-.003	2
118	MP4C	X	6.772	5
119	MP4C	Z	-11.73	5
120	MP4C	Mx	-.003	5
121	M70A	X	3.828	7
122	M70A	Z	-6.63	7
123	M70A	Mx	-.000638	7
124	M70A	X	3.828	7
125	M70A	Z	-6.63	7
126	M70A	Mx	.000638	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	24.37	1
2	MP2A	Z	-14.07	1
3	MP2A	Mx	-.022	1
4	MP2A	X	24.37	6
5	MP2A	Z	-14.07	6
6	MP2A	Mx	-.022	6
7	MP2B	X	24.37	1
8	MP2B	Z	-14.07	1
9	MP2B	Mx	.003	1
10	MP2B	X	24.37	6
11	MP2B	Z	-14.07	6
12	MP2B	Mx	.003	6
13	MP2C	X	31.994	1
14	MP2C	Z	-18.472	1
15	MP2C	Mx	.025	1
16	MP2C	X	31.994	6
17	MP2C	Z	-18.472	6
18	MP2C	Mx	.025	6
19	MP2A	X	24.37	1
20	MP2A	Z	-14.07	1
21	MP2A	Mx	-.003	1
22	MP2A	X	24.37	6
23	MP2A	Z	-14.07	6
24	MP2A	Mx	-.003	6
25	MP2B	X	24.37	1
26	MP2B	Z	-14.07	1
27	MP2B	Mx	.022	1
28	MP2B	X	24.37	6
29	MP2B	Z	-14.07	6
30	MP2B	Mx	.022	6
31	MP2C	X	31.994	1
32	MP2C	Z	-18.472	1
33	MP2C	Mx	-.025	1
34	MP2C	X	31.994	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
35	MP2C	Z	-18.472	6
36	MP2C	Mx	-.025	6
37	MP3A	X	9.695	2.5
38	MP3A	Z	-5.597	2.5
39	MP3A	Mx	-.005	2.5
40	MP3A	X	9.695	4.5
41	MP3A	Z	-5.597	4.5
42	MP3A	Mx	-.005	4.5
43	MP3B	X	9.695	2.5
44	MP3B	Z	-5.597	2.5
45	MP3B	Mx	.005	2.5
46	MP3B	X	9.695	4.5
47	MP3B	Z	-5.597	4.5
48	MP3B	Mx	.005	4.5
49	MP3C	X	17.019	2.5
50	MP3C	Z	-9.826	2.5
51	MP3C	Mx	0	2.5
52	MP3C	X	17.019	4.5
53	MP3C	Z	-9.826	4.5
54	MP3C	Mx	0	4.5
55	MP2A	X	2.835	1
56	MP2A	Z	-1.637	1
57	MP2A	Mx	-.002	1
58	MP2B	X	3.487	1
59	MP2B	Z	-2.013	1
60	MP2B	Mx	.001	1
61	MP2C	X	3.487	1
62	MP2C	Z	-2.013	1
63	MP2C	Mx	.001	1
64	M74	X	18.894	1.5
65	M74	Z	-10.908	1.5
66	M74	Mx	0	1.5
67	MP2A	X	11.075	3.5
68	MP2A	Z	-6.394	3.5
69	MP2A	Mx	.006	3.5
70	MP2B	X	11.075	3.5
71	MP2B	Z	-6.394	3.5
72	MP2B	Mx	-.006	3.5
73	MP2C	X	14.349	3.5
74	MP2C	Z	-8.284	3.5
75	MP2C	Mx	0	3.5
76	MP2A	X	9.831	6.5
77	MP2A	Z	-5.676	6.5
78	MP2A	Mx	.005	6.5
79	MP2B	X	9.831	6.5
80	MP2B	Z	-5.676	6.5
81	MP2B	Mx	-.005	6.5
82	MP2C	X	14.349	6.5
83	MP2C	Z	-8.284	6.5
84	MP2C	Mx	0	6.5
85	MP1A	X	13.263	2
86	MP1A	Z	-7.657	2
87	MP1A	Mx	-.007	2
88	MP1A	X	13.263	5
89	MP1A	Z	-7.657	5
90	MP1A	Mx	-.007	5
91	MP1B	X	13.263	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
92	MP1B	Z	-7.657	2
93	MP1B	Mx	.007	2
94	MP1B	X	13.263	5
95	MP1B	Z	-7.657	5
96	MP1B	Mx	.007	5
97	MP1C	X	10.963	2
98	MP1C	Z	-6.329	2
99	MP1C	Mx	0	2
100	MP1C	X	10.963	5
101	MP1C	Z	-6.329	5
102	MP1C	Mx	0	5
103	MP4A	X	13.263	2
104	MP4A	Z	-7.657	2
105	MP4A	Mx	-.007	2
106	MP4A	X	13.263	5
107	MP4A	Z	-7.657	5
108	MP4A	Mx	-.007	5
109	MP4B	X	13.263	2
110	MP4B	Z	-7.657	2
111	MP4B	Mx	.007	2
112	MP4B	X	13.263	5
113	MP4B	Z	-7.657	5
114	MP4B	Mx	.007	5
115	MP4C	X	10.963	2
116	MP4C	Z	-6.329	2
117	MP4C	Mx	0	2
118	MP4C	X	10.963	5
119	MP4C	Z	-6.329	5
120	MP4C	Mx	0	5
121	M70A	X	7.853	7
122	M70A	Z	-4.534	7
123	M70A	Mx	0	7
124	M70A	X	7.853	7
125	M70A	Z	-4.534	7
126	M70A	Mx	0	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	25.206	1
2	MP2A	Z	0	1
3	MP2A	Mx	-.013	1
4	MP2A	X	25.206	6
5	MP2A	Z	0	6
6	MP2A	Mx	-.013	6
7	MP2B	X	34.009	1
8	MP2B	Z	0	1
9	MP2B	Mx	-.011	1
10	MP2B	X	34.009	6
11	MP2B	Z	0	6
12	MP2B	Mx	-.011	6
13	MP2C	X	34.009	1
14	MP2C	Z	0	1
15	MP2C	Mx	.028	1
16	MP2C	X	34.009	6
17	MP2C	Z	0	6
18	MP2C	Mx	.028	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
19	MP2A	X	25.206	1
20	MP2A	Z	0	1
21	MP2A	Mx	-.013	1
22	MP2A	X	25.206	6
23	MP2A	Z	0	6
24	MP2A	Mx	-.013	6
25	MP2B	X	34.009	1
26	MP2B	Z	0	1
27	MP2B	Mx	.028	1
28	MP2B	X	34.009	6
29	MP2B	Z	0	6
30	MP2B	Mx	.028	6
31	MP2C	X	34.009	1
32	MP2C	Z	0	1
33	MP2C	Mx	-.011	1
34	MP2C	X	34.009	6
35	MP2C	Z	0	6
36	MP2C	Mx	-.011	6
37	MP3A	X	8.375	2.5
38	MP3A	Z	0	2.5
39	MP3A	Mx	-.004	2.5
40	MP3A	X	8.375	4.5
41	MP3A	Z	0	4.5
42	MP3A	Mx	-.004	4.5
43	MP3B	X	16.833	2.5
44	MP3B	Z	0	2.5
45	MP3B	Mx	.004	2.5
46	MP3B	X	16.833	4.5
47	MP3B	Z	0	4.5
48	MP3B	Mx	.004	4.5
49	MP3C	X	16.833	2.5
50	MP3C	Z	0	2.5
51	MP3C	Mx	.004	2.5
52	MP3C	X	16.833	4.5
53	MP3C	Z	0	4.5
54	MP3C	Mx	.004	4.5
55	MP2A	X	3.776	1
56	MP2A	Z	0	1
57	MP2A	Mx	-.002	1
58	MP2B	X	3.776	1
59	MP2B	Z	0	1
60	MP2B	Mx	.000146	1
61	MP2C	X	3.776	1
62	MP2C	Z	0	1
63	MP2C	Mx	.000146	1
64	M74	X	24.334	1.5
65	M74	Z	0	1.5
66	M74	Mx	0	1.5
67	MP2A	X	11.528	3.5
68	MP2A	Z	0	3.5
69	MP2A	Mx	.006	3.5
70	MP2B	X	15.309	3.5
71	MP2B	Z	0	3.5
72	MP2B	Mx	-.004	3.5
73	MP2C	X	15.309	3.5
74	MP2C	Z	0	3.5
75	MP2C	Mx	-.004	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
76	MP2A	X	9.612	6.5
77	MP2A	Z	0	6.5
78	MP2A	Mx	.005	6.5
79	MP2B	X	14.83	6.5
80	MP2B	Z	0	6.5
81	MP2B	Mx	-.004	6.5
82	MP2C	X	14.83	6.5
83	MP2C	Z	0	6.5
84	MP2C	Mx	-.004	6.5
85	MP1A	X	16.2	2
86	MP1A	Z	0	2
87	MP1A	Mx	-.008	2
88	MP1A	X	16.2	5
89	MP1A	Z	0	5
90	MP1A	Mx	-.008	5
91	MP1B	X	13.544	2
92	MP1B	Z	0	2
93	MP1B	Mx	.003	2
94	MP1B	X	13.544	5
95	MP1B	Z	0	5
96	MP1B	Mx	.003	5
97	MP1C	X	13.544	2
98	MP1C	Z	0	2
99	MP1C	Mx	.003	2
100	MP1C	X	13.544	5
101	MP1C	Z	0	5
102	MP1C	Mx	.003	5
103	MP4A	X	16.2	2
104	MP4A	Z	0	2
105	MP4A	Mx	-.008	2
106	MP4A	X	16.2	5
107	MP4A	Z	0	5
108	MP4A	Mx	-.008	5
109	MP4B	X	13.544	2
110	MP4B	Z	0	2
111	MP4B	Mx	.003	2
112	MP4B	X	13.544	5
113	MP4B	Z	0	5
114	MP4B	Mx	.003	5
115	MP4C	X	13.544	2
116	MP4C	Z	0	2
117	MP4C	Mx	.003	2
118	MP4C	X	13.544	5
119	MP4C	Z	0	5
120	MP4C	Mx	.003	5
121	M70A	X	7.655	7
122	M70A	Z	0	7
123	M70A	Mx	.000638	7
124	M70A	X	7.655	7
125	M70A	Z	0	7
126	M70A	Mx	-.000638	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	24.37	1
2	MP2A	Z	14.07	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
3	MP2A	Mx	-.003	1
4	MP2A	X	24.37	6
5	MP2A	Z	14.07	6
6	MP2A	Mx	-.003	6
7	MP2B	X	31.994	1
8	MP2B	Z	18.472	1
9	MP2B	Mx	-.025	1
10	MP2B	X	31.994	6
11	MP2B	Z	18.472	6
12	MP2B	Mx	-.025	6
13	MP2C	X	24.37	1
14	MP2C	Z	14.07	1
15	MP2C	Mx	.022	1
16	MP2C	X	24.37	6
17	MP2C	Z	14.07	6
18	MP2C	Mx	.022	6
19	MP2A	X	24.37	1
20	MP2A	Z	14.07	1
21	MP2A	Mx	-.022	1
22	MP2A	X	24.37	6
23	MP2A	Z	14.07	6
24	MP2A	Mx	-.022	6
25	MP2B	X	31.994	1
26	MP2B	Z	18.472	1
27	MP2B	Mx	.025	1
28	MP2B	X	31.994	6
29	MP2B	Z	18.472	6
30	MP2B	Mx	.025	6
31	MP2C	X	24.37	1
32	MP2C	Z	14.07	1
33	MP2C	Mx	.003	1
34	MP2C	X	24.37	6
35	MP2C	Z	14.07	6
36	MP2C	Mx	.003	6
37	MP3A	X	9.695	2.5
38	MP3A	Z	5.597	2.5
39	MP3A	Mx	-.005	2.5
40	MP3A	X	9.695	4.5
41	MP3A	Z	5.597	4.5
42	MP3A	Mx	-.005	4.5
43	MP3B	X	17.019	2.5
44	MP3B	Z	9.826	2.5
45	MP3B	Mx	0	2.5
46	MP3B	X	17.019	4.5
47	MP3B	Z	9.826	4.5
48	MP3B	Mx	0	4.5
49	MP3C	X	9.695	2.5
50	MP3C	Z	5.597	2.5
51	MP3C	Mx	.005	2.5
52	MP3C	X	9.695	4.5
53	MP3C	Z	5.597	4.5
54	MP3C	Mx	.005	4.5
55	MP2A	X	3.487	1
56	MP2A	Z	2.013	1
57	MP2A	Mx	-.001	1
58	MP2B	X	2.835	1
59	MP2B	Z	1.637	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
60	MP2B	Mx	-.000872	1
61	MP2C	X	2.835	1
62	MP2C	Z	1.637	1
63	MP2C	Mx	-.000872	1
64	M74	X	25.435	1.5
65	M74	Z	14.685	1.5
66	M74	Mx	0	1.5
67	MP2A	X	11.075	3.5
68	MP2A	Z	6.394	3.5
69	MP2A	Mx	.006	3.5
70	MP2B	X	14.349	3.5
71	MP2B	Z	8.284	3.5
72	MP2B	Mx	0	3.5
73	MP2C	X	11.075	3.5
74	MP2C	Z	6.394	3.5
75	MP2C	Mx	-.006	3.5
76	MP2A	X	9.831	6.5
77	MP2A	Z	5.676	6.5
78	MP2A	Mx	.005	6.5
79	MP2B	X	14.349	6.5
80	MP2B	Z	8.284	6.5
81	MP2B	Mx	0	6.5
82	MP2C	X	9.831	6.5
83	MP2C	Z	5.676	6.5
84	MP2C	Mx	-.005	6.5
85	MP1A	X	13.263	2
86	MP1A	Z	7.657	2
87	MP1A	Mx	-.007	2
88	MP1A	X	13.263	5
89	MP1A	Z	7.657	5
90	MP1A	Mx	-.007	5
91	MP1B	X	10.963	2
92	MP1B	Z	6.329	2
93	MP1B	Mx	0	2
94	MP1B	X	10.963	5
95	MP1B	Z	6.329	5
96	MP1B	Mx	0	5
97	MP1C	X	13.263	2
98	MP1C	Z	7.657	2
99	MP1C	Mx	.007	2
100	MP1C	X	13.263	5
101	MP1C	Z	7.657	5
102	MP1C	Mx	.007	5
103	MP4A	X	13.263	2
104	MP4A	Z	7.657	2
105	MP4A	Mx	-.007	2
106	MP4A	X	13.263	5
107	MP4A	Z	7.657	5
108	MP4A	Mx	-.007	5
109	MP4B	X	10.963	2
110	MP4B	Z	6.329	2
111	MP4B	Mx	0	2
112	MP4B	X	10.963	5
113	MP4B	Z	6.329	5
114	MP4B	Mx	0	5
115	MP4C	X	13.263	2
116	MP4C	Z	7.657	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
117	MP4C	Mx	.007	2
118	MP4C	X	13.263	5
119	MP4C	Z	7.657	5
120	MP4C	Mx	.007	5
121	M70A	X	4.184	7
122	M70A	Z	2.416	7
123	M70A	Mx	.000697	7
124	M70A	X	4.184	7
125	M70A	Z	2.416	7
126	M70A	Mx	-.000697	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	17.004	1
2	MP2A	Z	29.453	1
3	MP2A	Mx	.011	1
4	MP2A	X	17.004	6
5	MP2A	Z	29.453	6
6	MP2A	Mx	.011	6
7	MP2B	X	17.004	1
8	MP2B	Z	29.453	1
9	MP2B	Mx	-.028	1
10	MP2B	X	17.004	6
11	MP2B	Z	29.453	6
12	MP2B	Mx	-.028	6
13	MP2C	X	12.603	1
14	MP2C	Z	21.829	1
15	MP2C	Mx	.013	1
16	MP2C	X	12.603	6
17	MP2C	Z	21.829	6
18	MP2C	Mx	.013	6
19	MP2A	X	17.004	1
20	MP2A	Z	29.453	1
21	MP2A	Mx	-.028	1
22	MP2A	X	17.004	6
23	MP2A	Z	29.453	6
24	MP2A	Mx	-.028	6
25	MP2B	X	17.004	1
26	MP2B	Z	29.453	1
27	MP2B	Mx	.011	1
28	MP2B	X	17.004	6
29	MP2B	Z	29.453	6
30	MP2B	Mx	.011	6
31	MP2C	X	12.603	1
32	MP2C	Z	21.829	1
33	MP2C	Mx	.013	1
34	MP2C	X	12.603	6
35	MP2C	Z	21.829	6
36	MP2C	Mx	.013	6
37	MP3A	X	8.417	2.5
38	MP3A	Z	14.578	2.5
39	MP3A	Mx	-.004	2.5
40	MP3A	X	8.417	4.5
41	MP3A	Z	14.578	4.5
42	MP3A	Mx	-.004	4.5
43	MP3B	X	8.417	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
44	MP3B	Z	14.578	2.5
45	MP3B	Mx	-.004	2.5
46	MP3B	X	8.417	4.5
47	MP3B	Z	14.578	4.5
48	MP3B	Mx	-.004	4.5
49	MP3C	X	4.188	2.5
50	MP3C	Z	7.253	2.5
51	MP3C	Mx	.004	2.5
52	MP3C	X	4.188	4.5
53	MP3C	Z	7.253	4.5
54	MP3C	Mx	.004	4.5
55	MP2A	X	1.888	1
56	MP2A	Z	3.27	1
57	MP2A	Mx	-.000146	1
58	MP2B	X	1.511	1
59	MP2B	Z	2.618	1
60	MP2B	Mx	-.002	1
61	MP2C	X	1.511	1
62	MP2C	Z	2.618	1
63	MP2C	Mx	-.002	1
64	M74	X	15.944	1.5
65	M74	Z	27.615	1.5
66	M74	Mx	0	1.5
67	MP2A	X	7.654	3.5
68	MP2A	Z	13.258	3.5
69	MP2A	Mx	.004	3.5
70	MP2B	X	7.654	3.5
71	MP2B	Z	13.258	3.5
72	MP2B	Mx	.004	3.5
73	MP2C	X	5.764	3.5
74	MP2C	Z	9.984	3.5
75	MP2C	Mx	-.006	3.5
76	MP2A	X	7.415	6.5
77	MP2A	Z	12.843	6.5
78	MP2A	Mx	.004	6.5
79	MP2B	X	7.415	6.5
80	MP2B	Z	12.843	6.5
81	MP2B	Mx	.004	6.5
82	MP2C	X	4.806	6.5
83	MP2C	Z	8.325	6.5
84	MP2C	Mx	-.005	6.5
85	MP1A	X	6.772	2
86	MP1A	Z	11.73	2
87	MP1A	Mx	-.003	2
88	MP1A	X	6.772	5
89	MP1A	Z	11.73	5
90	MP1A	Mx	-.003	5
91	MP1B	X	6.772	2
92	MP1B	Z	11.73	2
93	MP1B	Mx	-.003	2
94	MP1B	X	6.772	5
95	MP1B	Z	11.73	5
96	MP1B	Mx	-.003	5
97	MP1C	X	8.1	2
98	MP1C	Z	14.03	2
99	MP1C	Mx	.008	2
100	MP1C	X	8.1	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
101	MP1C	Z	14.03	5
102	MP1C	Mx	.008	5
103	MP4A	X	6.772	2
104	MP4A	Z	11.73	2
105	MP4A	Mx	-.003	2
106	MP4A	X	6.772	5
107	MP4A	Z	11.73	5
108	MP4A	Mx	-.003	5
109	MP4B	X	6.772	2
110	MP4B	Z	11.73	2
111	MP4B	Mx	-.003	2
112	MP4B	X	6.772	5
113	MP4B	Z	11.73	5
114	MP4B	Mx	-.003	5
115	MP4C	X	8.1	2
116	MP4C	Z	14.03	2
117	MP4C	Mx	.008	2
118	MP4C	X	8.1	5
119	MP4C	Z	14.03	5
120	MP4C	Mx	.008	5
121	M70A	X	1.71	7
122	M70A	Z	2.961	7
123	M70A	Mx	.00057	7
124	M70A	X	1.71	7
125	M70A	Z	2.961	7
126	M70A	Mx	-.00057	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	36.943	1
3	MP2A	Mx	.025	1
4	MP2A	X	0	6
5	MP2A	Z	36.943	6
6	MP2A	Mx	.025	6
7	MP2B	X	0	1
8	MP2B	Z	28.141	1
9	MP2B	Mx	-.022	1
10	MP2B	X	0	6
11	MP2B	Z	28.141	6
12	MP2B	Mx	-.022	6
13	MP2C	X	0	1
14	MP2C	Z	28.141	1
15	MP2C	Mx	.003	1
16	MP2C	X	0	6
17	MP2C	Z	28.141	6
18	MP2C	Mx	.003	6
19	MP2A	X	0	1
20	MP2A	Z	36.943	1
21	MP2A	Mx	-.025	1
22	MP2A	X	0	6
23	MP2A	Z	36.943	6
24	MP2A	Mx	-.025	6
25	MP2B	X	0	1
26	MP2B	Z	28.141	1
27	MP2B	Mx	-.003	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
28	MP2B	X	0	6
29	MP2B	Z	28.141	6
30	MP2B	Mx	-.003	6
31	MP2C	X	0	1
32	MP2C	Z	28.141	1
33	MP2C	Mx	.022	1
34	MP2C	X	0	6
35	MP2C	Z	28.141	6
36	MP2C	Mx	.022	6
37	MP3A	X	0	2.5
38	MP3A	Z	19.652	2.5
39	MP3A	Mx	0	2.5
40	MP3A	X	0	4.5
41	MP3A	Z	19.652	4.5
42	MP3A	Mx	0	4.5
43	MP3B	X	0	2.5
44	MP3B	Z	11.195	2.5
45	MP3B	Mx	-.005	2.5
46	MP3B	X	0	4.5
47	MP3B	Z	11.195	4.5
48	MP3B	Mx	-.005	4.5
49	MP3C	X	0	2.5
50	MP3C	Z	11.195	2.5
51	MP3C	Mx	.005	2.5
52	MP3C	X	0	4.5
53	MP3C	Z	11.195	4.5
54	MP3C	Mx	.005	4.5
55	MP2A	X	0	1
56	MP2A	Z	3.274	1
57	MP2A	Mx	.000872	1
58	MP2B	X	0	1
59	MP2B	Z	3.274	1
60	MP2B	Mx	-.002	1
61	MP2C	X	0	1
62	MP2C	Z	3.274	1
63	MP2C	Mx	-.002	1
64	M74	X	0	1.5
65	M74	Z	29.37	1.5
66	M74	Mx	0	1.5
67	MP2A	X	0	3.5
68	MP2A	Z	16.569	3.5
69	MP2A	Mx	0	3.5
70	MP2B	X	0	3.5
71	MP2B	Z	12.788	3.5
72	MP2B	Mx	.006	3.5
73	MP2C	X	0	3.5
74	MP2C	Z	12.788	3.5
75	MP2C	Mx	-.006	3.5
76	MP2A	X	0	6.5
77	MP2A	Z	16.569	6.5
78	MP2A	Mx	0	6.5
79	MP2B	X	0	6.5
80	MP2B	Z	11.352	6.5
81	MP2B	Mx	.005	6.5
82	MP2C	X	0	6.5
83	MP2C	Z	11.352	6.5
84	MP2C	Mx	-.005	6.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
85	MP1A	X	0	2
86	MP1A	Z	12.659	2
87	MP1A	Mx	0	2
88	MP1A	X	0	5
89	MP1A	Z	12.659	5
90	MP1A	Mx	0	5
91	MP1B	X	0	2
92	MP1B	Z	15.315	2
93	MP1B	Mx	-.007	2
94	MP1B	X	0	5
95	MP1B	Z	15.315	5
96	MP1B	Mx	-.007	5
97	MP1C	X	0	2
98	MP1C	Z	15.315	2
99	MP1C	Mx	.007	2
100	MP1C	X	0	5
101	MP1C	Z	15.315	5
102	MP1C	Mx	.007	5
103	MP4A	X	0	2
104	MP4A	Z	12.659	2
105	MP4A	Mx	0	2
106	MP4A	X	0	5
107	MP4A	Z	12.659	5
108	MP4A	Mx	0	5
109	MP4B	X	0	2
110	MP4B	Z	15.315	2
111	MP4B	Mx	-.007	2
112	MP4B	X	0	5
113	MP4B	Z	15.315	5
114	MP4B	Mx	-.007	5
115	MP4C	X	0	2
116	MP4C	Z	15.315	2
117	MP4C	Mx	.007	2
118	MP4C	X	0	5
119	MP4C	Z	15.315	5
120	MP4C	Mx	.007	5
121	M70A	X	0	7
122	M70A	Z	4.831	7
123	M70A	Mx	.000697	7
124	M70A	X	0	7
125	M70A	Z	4.831	7
126	M70A	Mx	-.000697	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-17.004	1
2	MP2A	Z	29.453	1
3	MP2A	Mx	.028	1
4	MP2A	X	-17.004	6
5	MP2A	Z	29.453	6
6	MP2A	Mx	.028	6
7	MP2B	X	-12.603	1
8	MP2B	Z	21.829	1
9	MP2B	Mx	-.013	1
10	MP2B	X	-12.603	6
11	MP2B	Z	21.829	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
12	MP2B	Mx	-.013	6
13	MP2C	X	-17.004	1
14	MP2C	Z	29.453	1
15	MP2C	Mx	-.011	1
16	MP2C	X	-17.004	6
17	MP2C	Z	29.453	6
18	MP2C	Mx	-.011	6
19	MP2A	X	-17.004	1
20	MP2A	Z	29.453	1
21	MP2A	Mx	-.011	1
22	MP2A	X	-17.004	6
23	MP2A	Z	29.453	6
24	MP2A	Mx	-.011	6
25	MP2B	X	-12.603	1
26	MP2B	Z	21.829	1
27	MP2B	Mx	-.013	1
28	MP2B	X	-12.603	6
29	MP2B	Z	21.829	6
30	MP2B	Mx	-.013	6
31	MP2C	X	-17.004	1
32	MP2C	Z	29.453	1
33	MP2C	Mx	.028	1
34	MP2C	X	-17.004	6
35	MP2C	Z	29.453	6
36	MP2C	Mx	.028	6
37	MP3A	X	-8.417	2.5
38	MP3A	Z	14.578	2.5
39	MP3A	Mx	.004	2.5
40	MP3A	X	-8.417	4.5
41	MP3A	Z	14.578	4.5
42	MP3A	Mx	.004	4.5
43	MP3B	X	-4.188	2.5
44	MP3B	Z	7.253	2.5
45	MP3B	Mx	-.004	2.5
46	MP3B	X	-4.188	4.5
47	MP3B	Z	7.253	4.5
48	MP3B	Mx	-.004	4.5
49	MP3C	X	-8.417	2.5
50	MP3C	Z	14.578	2.5
51	MP3C	Mx	.004	2.5
52	MP3C	X	-8.417	4.5
53	MP3C	Z	14.578	4.5
54	MP3C	Mx	.004	4.5
55	MP2A	X	-1.511	1
56	MP2A	Z	2.618	1
57	MP2A	Mx	.002	1
58	MP2B	X	-1.888	1
59	MP2B	Z	3.27	1
60	MP2B	Mx	-.002	1
61	MP2C	X	-1.888	1
62	MP2C	Z	3.27	1
63	MP2C	Mx	-.002	1
64	M74	X	-12.167	1.5
65	M74	Z	21.074	1.5
66	M74	Mx	0	1.5
67	MP2A	X	-7.654	3.5
68	MP2A	Z	13.258	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
69	MP2A	Mx	-.004	3.5
70	MP2B	X	-5.764	3.5
71	MP2B	Z	9.984	3.5
72	MP2B	Mx	.006	3.5
73	MP2C	X	-7.654	3.5
74	MP2C	Z	13.258	3.5
75	MP2C	Mx	-.004	3.5
76	MP2A	X	-7.415	6.5
77	MP2A	Z	12.843	6.5
78	MP2A	Mx	-.004	6.5
79	MP2B	X	-4.806	6.5
80	MP2B	Z	8.325	6.5
81	MP2B	Mx	.005	6.5
82	MP2C	X	-7.415	6.5
83	MP2C	Z	12.843	6.5
84	MP2C	Mx	-.004	6.5
85	MP1A	X	-6.772	2
86	MP1A	Z	11.73	2
87	MP1A	Mx	.003	2
88	MP1A	X	-6.772	5
89	MP1A	Z	11.73	5
90	MP1A	Mx	.003	5
91	MP1B	X	-8.1	2
92	MP1B	Z	14.03	2
93	MP1B	Mx	-.008	2
94	MP1B	X	-8.1	5
95	MP1B	Z	14.03	5
96	MP1B	Mx	-.008	5
97	MP1C	X	-6.772	2
98	MP1C	Z	11.73	2
99	MP1C	Mx	.003	2
100	MP1C	X	-6.772	5
101	MP1C	Z	11.73	5
102	MP1C	Mx	.003	5
103	MP4A	X	-6.772	2
104	MP4A	Z	11.73	2
105	MP4A	Mx	.003	2
106	MP4A	X	-6.772	5
107	MP4A	Z	11.73	5
108	MP4A	Mx	.003	5
109	MP4B	X	-8.1	2
110	MP4B	Z	14.03	2
111	MP4B	Mx	-.008	2
112	MP4B	X	-8.1	5
113	MP4B	Z	14.03	5
114	MP4B	Mx	-.008	5
115	MP4C	X	-6.772	2
116	MP4C	Z	11.73	2
117	MP4C	Mx	.003	2
118	MP4C	X	-6.772	5
119	MP4C	Z	11.73	5
120	MP4C	Mx	.003	5
121	M70A	X	-3.828	7
122	M70A	Z	6.63	7
123	M70A	Mx	.000638	7
124	M70A	X	-3.828	7
125	M70A	Z	6.63	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
126	M70A	Mx	-.000638	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-24.37	1
2	MP2A	Z	14.07	1
3	MP2A	Mx	.022	1
4	MP2A	X	-24.37	6
5	MP2A	Z	14.07	6
6	MP2A	Mx	.022	6
7	MP2B	X	-24.37	1
8	MP2B	Z	14.07	1
9	MP2B	Mx	-.003	1
10	MP2B	X	-24.37	6
11	MP2B	Z	14.07	6
12	MP2B	Mx	-.003	6
13	MP2C	X	-31.994	1
14	MP2C	Z	18.472	1
15	MP2C	Mx	-.025	1
16	MP2C	X	-31.994	6
17	MP2C	Z	18.472	6
18	MP2C	Mx	-.025	6
19	MP2A	X	-24.37	1
20	MP2A	Z	14.07	1
21	MP2A	Mx	.003	1
22	MP2A	X	-24.37	6
23	MP2A	Z	14.07	6
24	MP2A	Mx	.003	6
25	MP2B	X	-24.37	1
26	MP2B	Z	14.07	1
27	MP2B	Mx	-.022	1
28	MP2B	X	-24.37	6
29	MP2B	Z	14.07	6
30	MP2B	Mx	-.022	6
31	MP2C	X	-31.994	1
32	MP2C	Z	18.472	1
33	MP2C	Mx	.025	1
34	MP2C	X	-31.994	6
35	MP2C	Z	18.472	6
36	MP2C	Mx	.025	6
37	MP3A	X	-9.695	2.5
38	MP3A	Z	5.597	2.5
39	MP3A	Mx	.005	2.5
40	MP3A	X	-9.695	4.5
41	MP3A	Z	5.597	4.5
42	MP3A	Mx	.005	4.5
43	MP3B	X	-9.695	2.5
44	MP3B	Z	5.597	2.5
45	MP3B	Mx	-.005	2.5
46	MP3B	X	-9.695	4.5
47	MP3B	Z	5.597	4.5
48	MP3B	Mx	-.005	4.5
49	MP3C	X	-17.019	2.5
50	MP3C	Z	9.826	2.5
51	MP3C	Mx	0	2.5
52	MP3C	X	-17.019	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
53	MP3C	Z	9.826	4.5
54	MP3C	Mx	0	4.5
55	MP2A	X	-2.835	1
56	MP2A	Z	1.637	1
57	MP2A	Mx	.002	1
58	MP2B	X	-3.487	1
59	MP2B	Z	2.013	1
60	MP2B	Mx	-.001	1
61	MP2C	X	-3.487	1
62	MP2C	Z	2.013	1
63	MP2C	Mx	-.001	1
64	M74	X	-18.894	1.5
65	M74	Z	10.908	1.5
66	M74	Mx	0	1.5
67	MP2A	X	-11.075	3.5
68	MP2A	Z	6.394	3.5
69	MP2A	Mx	-.006	3.5
70	MP2B	X	-11.075	3.5
71	MP2B	Z	6.394	3.5
72	MP2B	Mx	.006	3.5
73	MP2C	X	-14.349	3.5
74	MP2C	Z	8.284	3.5
75	MP2C	Mx	0	3.5
76	MP2A	X	-9.831	6.5
77	MP2A	Z	5.676	6.5
78	MP2A	Mx	-.005	6.5
79	MP2B	X	-9.831	6.5
80	MP2B	Z	5.676	6.5
81	MP2B	Mx	.005	6.5
82	MP2C	X	-14.349	6.5
83	MP2C	Z	8.284	6.5
84	MP2C	Mx	0	6.5
85	MP1A	X	-13.263	2
86	MP1A	Z	7.657	2
87	MP1A	Mx	.007	2
88	MP1A	X	-13.263	5
89	MP1A	Z	7.657	5
90	MP1A	Mx	.007	5
91	MP1B	X	-13.263	2
92	MP1B	Z	7.657	2
93	MP1B	Mx	-.007	2
94	MP1B	X	-13.263	5
95	MP1B	Z	7.657	5
96	MP1B	Mx	-.007	5
97	MP1C	X	-10.963	2
98	MP1C	Z	6.329	2
99	MP1C	Mx	0	2
100	MP1C	X	-10.963	5
101	MP1C	Z	6.329	5
102	MP1C	Mx	0	5
103	MP4A	X	-13.263	2
104	MP4A	Z	7.657	2
105	MP4A	Mx	.007	2
106	MP4A	X	-13.263	5
107	MP4A	Z	7.657	5
108	MP4A	Mx	.007	5
109	MP4B	X	-13.263	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
110	MP4B	Z	7.657	2
111	MP4B	Mx	-.007	2
112	MP4B	X	-13.263	5
113	MP4B	Z	7.657	5
114	MP4B	Mx	-.007	5
115	MP4C	X	-10.963	2
116	MP4C	Z	6.329	2
117	MP4C	Mx	0	2
118	MP4C	X	-10.963	5
119	MP4C	Z	6.329	5
120	MP4C	Mx	0	5
121	M70A	X	-7.853	7
122	M70A	Z	4.534	7
123	M70A	Mx	0	7
124	M70A	X	-7.853	7
125	M70A	Z	4.534	7
126	M70A	Mx	0	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-25.206	1
2	MP2A	Z	0	1
3	MP2A	Mx	.013	1
4	MP2A	X	-25.206	6
5	MP2A	Z	0	6
6	MP2A	Mx	.013	6
7	MP2B	X	-34.009	1
8	MP2B	Z	0	1
9	MP2B	Mx	.011	1
10	MP2B	X	-34.009	6
11	MP2B	Z	0	6
12	MP2B	Mx	.011	6
13	MP2C	X	-34.009	1
14	MP2C	Z	0	1
15	MP2C	Mx	-.028	1
16	MP2C	X	-34.009	6
17	MP2C	Z	0	6
18	MP2C	Mx	-.028	6
19	MP2A	X	-25.206	1
20	MP2A	Z	0	1
21	MP2A	Mx	.013	1
22	MP2A	X	-25.206	6
23	MP2A	Z	0	6
24	MP2A	Mx	.013	6
25	MP2B	X	-34.009	1
26	MP2B	Z	0	1
27	MP2B	Mx	-.028	1
28	MP2B	X	-34.009	6
29	MP2B	Z	0	6
30	MP2B	Mx	-.028	6
31	MP2C	X	-34.009	1
32	MP2C	Z	0	1
33	MP2C	Mx	.011	1
34	MP2C	X	-34.009	6
35	MP2C	Z	0	6
36	MP2C	Mx	.011	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
37	MP3A	X	-8.375	2.5
38	MP3A	Z	0	2.5
39	MP3A	Mx	.004	2.5
40	MP3A	X	-8.375	4.5
41	MP3A	Z	0	4.5
42	MP3A	Mx	.004	4.5
43	MP3B	X	-16.833	2.5
44	MP3B	Z	0	2.5
45	MP3B	Mx	-.004	2.5
46	MP3B	X	-16.833	4.5
47	MP3B	Z	0	4.5
48	MP3B	Mx	-.004	4.5
49	MP3C	X	-16.833	2.5
50	MP3C	Z	0	2.5
51	MP3C	Mx	-.004	2.5
52	MP3C	X	-16.833	4.5
53	MP3C	Z	0	4.5
54	MP3C	Mx	-.004	4.5
55	MP2A	X	-3.776	1
56	MP2A	Z	0	1
57	MP2A	Mx	.002	1
58	MP2B	X	-3.776	1
59	MP2B	Z	0	1
60	MP2B	Mx	-.000146	1
61	MP2C	X	-3.776	1
62	MP2C	Z	0	1
63	MP2C	Mx	-.000146	1
64	M74	X	-24.334	1.5
65	M74	Z	0	1.5
66	M74	Mx	0	1.5
67	MP2A	X	-11.528	3.5
68	MP2A	Z	0	3.5
69	MP2A	Mx	-.006	3.5
70	MP2B	X	-15.309	3.5
71	MP2B	Z	0	3.5
72	MP2B	Mx	.004	3.5
73	MP2C	X	-15.309	3.5
74	MP2C	Z	0	3.5
75	MP2C	Mx	.004	3.5
76	MP2A	X	-9.612	6.5
77	MP2A	Z	0	6.5
78	MP2A	Mx	-.005	6.5
79	MP2B	X	-14.83	6.5
80	MP2B	Z	0	6.5
81	MP2B	Mx	.004	6.5
82	MP2C	X	-14.83	6.5
83	MP2C	Z	0	6.5
84	MP2C	Mx	.004	6.5
85	MP1A	X	-16.2	2
86	MP1A	Z	0	2
87	MP1A	Mx	.008	2
88	MP1A	X	-16.2	5
89	MP1A	Z	0	5
90	MP1A	Mx	.008	5
91	MP1B	X	-13.544	2
92	MP1B	Z	0	2
93	MP1B	Mx	-.003	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
94	MP1B	X	-13.544	5
95	MP1B	Z	0	5
96	MP1B	Mx	-.003	5
97	MP1C	X	-13.544	2
98	MP1C	Z	0	2
99	MP1C	Mx	-.003	2
100	MP1C	X	-13.544	5
101	MP1C	Z	0	5
102	MP1C	Mx	-.003	5
103	MP4A	X	-16.2	2
104	MP4A	Z	0	2
105	MP4A	Mx	.008	2
106	MP4A	X	-16.2	5
107	MP4A	Z	0	5
108	MP4A	Mx	.008	5
109	MP4B	X	-13.544	2
110	MP4B	Z	0	2
111	MP4B	Mx	-.003	2
112	MP4B	X	-13.544	5
113	MP4B	Z	0	5
114	MP4B	Mx	-.003	5
115	MP4C	X	-13.544	2
116	MP4C	Z	0	2
117	MP4C	Mx	-.003	2
118	MP4C	X	-13.544	5
119	MP4C	Z	0	5
120	MP4C	Mx	-.003	5
121	M70A	X	-7.655	7
122	M70A	Z	0	7
123	M70A	Mx	-.000638	7
124	M70A	X	-7.655	7
125	M70A	Z	0	7
126	M70A	Mx	.000638	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-24.37	1
2	MP2A	Z	-14.07	1
3	MP2A	Mx	.003	1
4	MP2A	X	-24.37	6
5	MP2A	Z	-14.07	6
6	MP2A	Mx	.003	6
7	MP2B	X	-31.994	1
8	MP2B	Z	-18.472	1
9	MP2B	Mx	.025	1
10	MP2B	X	-31.994	6
11	MP2B	Z	-18.472	6
12	MP2B	Mx	.025	6
13	MP2C	X	-24.37	1
14	MP2C	Z	-14.07	1
15	MP2C	Mx	-.022	1
16	MP2C	X	-24.37	6
17	MP2C	Z	-14.07	6
18	MP2C	Mx	-.022	6
19	MP2A	X	-24.37	1
20	MP2A	Z	-14.07	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
21	MP2A	Mx	.022	1
22	MP2A	X	-24.37	6
23	MP2A	Z	-14.07	6
24	MP2A	Mx	.022	6
25	MP2B	X	-31.994	1
26	MP2B	Z	-18.472	1
27	MP2B	Mx	-.025	1
28	MP2B	X	-31.994	6
29	MP2B	Z	-18.472	6
30	MP2B	Mx	-.025	6
31	MP2C	X	-24.37	1
32	MP2C	Z	-14.07	1
33	MP2C	Mx	-.003	1
34	MP2C	X	-24.37	6
35	MP2C	Z	-14.07	6
36	MP2C	Mx	-.003	6
37	MP3A	X	-9.695	2.5
38	MP3A	Z	-5.597	2.5
39	MP3A	Mx	.005	2.5
40	MP3A	X	-9.695	4.5
41	MP3A	Z	-5.597	4.5
42	MP3A	Mx	.005	4.5
43	MP3B	X	-17.019	2.5
44	MP3B	Z	-9.826	2.5
45	MP3B	Mx	0	2.5
46	MP3B	X	-17.019	4.5
47	MP3B	Z	-9.826	4.5
48	MP3B	Mx	0	4.5
49	MP3C	X	-9.695	2.5
50	MP3C	Z	-5.597	2.5
51	MP3C	Mx	-.005	2.5
52	MP3C	X	-9.695	4.5
53	MP3C	Z	-5.597	4.5
54	MP3C	Mx	-.005	4.5
55	MP2A	X	-3.487	1
56	MP2A	Z	-2.013	1
57	MP2A	Mx	.001	1
58	MP2B	X	-2.835	1
59	MP2B	Z	-1.637	1
60	MP2B	Mx	.000872	1
61	MP2C	X	-2.835	1
62	MP2C	Z	-1.637	1
63	MP2C	Mx	.000872	1
64	M74	X	-25.435	1.5
65	M74	Z	-14.685	1.5
66	M74	Mx	0	1.5
67	MP2A	X	-11.075	3.5
68	MP2A	Z	-6.394	3.5
69	MP2A	Mx	-.006	3.5
70	MP2B	X	-14.349	3.5
71	MP2B	Z	-8.284	3.5
72	MP2B	Mx	0	3.5
73	MP2C	X	-11.075	3.5
74	MP2C	Z	-6.394	3.5
75	MP2C	Mx	.006	3.5
76	MP2A	X	-9.831	6.5
77	MP2A	Z	-5.676	6.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
78	MP2A	Mx	-.005	6.5
79	MP2B	X	-14.349	6.5
80	MP2B	Z	-8.284	6.5
81	MP2B	Mx	0	6.5
82	MP2C	X	-9.831	6.5
83	MP2C	Z	-5.676	6.5
84	MP2C	Mx	.005	6.5
85	MP1A	X	-13.263	2
86	MP1A	Z	-7.657	2
87	MP1A	Mx	.007	2
88	MP1A	X	-13.263	5
89	MP1A	Z	-7.657	5
90	MP1A	Mx	.007	5
91	MP1B	X	-10.963	2
92	MP1B	Z	-6.329	2
93	MP1B	Mx	0	2
94	MP1B	X	-10.963	5
95	MP1B	Z	-6.329	5
96	MP1B	Mx	0	5
97	MP1C	X	-13.263	2
98	MP1C	Z	-7.657	2
99	MP1C	Mx	-.007	2
100	MP1C	X	-13.263	5
101	MP1C	Z	-7.657	5
102	MP1C	Mx	-.007	5
103	MP4A	X	-13.263	2
104	MP4A	Z	-7.657	2
105	MP4A	Mx	.007	2
106	MP4A	X	-13.263	5
107	MP4A	Z	-7.657	5
108	MP4A	Mx	.007	5
109	MP4B	X	-10.963	2
110	MP4B	Z	-6.329	2
111	MP4B	Mx	0	2
112	MP4B	X	-10.963	5
113	MP4B	Z	-6.329	5
114	MP4B	Mx	0	5
115	MP4C	X	-13.263	2
116	MP4C	Z	-7.657	2
117	MP4C	Mx	-.007	2
118	MP4C	X	-13.263	5
119	MP4C	Z	-7.657	5
120	MP4C	Mx	-.007	5
121	M70A	X	-4.184	7
122	M70A	Z	-2.416	7
123	M70A	Mx	-.000697	7
124	M70A	X	-4.184	7
125	M70A	Z	-2.416	7
126	M70A	Mx	.000697	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-17.004	1
2	MP2A	Z	-29.453	1
3	MP2A	Mx	-.011	1
4	MP2A	X	-17.004	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
5	MP2A	Z	-29.453	6
6	MP2A	Mx	-.011	6
7	MP2B	X	-17.004	1
8	MP2B	Z	-29.453	1
9	MP2B	Mx	.028	1
10	MP2B	X	-17.004	6
11	MP2B	Z	-29.453	6
12	MP2B	Mx	.028	6
13	MP2C	X	-12.603	1
14	MP2C	Z	-21.829	1
15	MP2C	Mx	-.013	1
16	MP2C	X	-12.603	6
17	MP2C	Z	-21.829	6
18	MP2C	Mx	-.013	6
19	MP2A	X	-17.004	1
20	MP2A	Z	-29.453	1
21	MP2A	Mx	.028	1
22	MP2A	X	-17.004	6
23	MP2A	Z	-29.453	6
24	MP2A	Mx	.028	6
25	MP2B	X	-17.004	1
26	MP2B	Z	-29.453	1
27	MP2B	Mx	-.011	1
28	MP2B	X	-17.004	6
29	MP2B	Z	-29.453	6
30	MP2B	Mx	-.011	6
31	MP2C	X	-12.603	1
32	MP2C	Z	-21.829	1
33	MP2C	Mx	-.013	1
34	MP2C	X	-12.603	6
35	MP2C	Z	-21.829	6
36	MP2C	Mx	-.013	6
37	MP3A	X	-8.417	2.5
38	MP3A	Z	-14.578	2.5
39	MP3A	Mx	.004	2.5
40	MP3A	X	-8.417	4.5
41	MP3A	Z	-14.578	4.5
42	MP3A	Mx	.004	4.5
43	MP3B	X	-8.417	2.5
44	MP3B	Z	-14.578	2.5
45	MP3B	Mx	.004	2.5
46	MP3B	X	-8.417	4.5
47	MP3B	Z	-14.578	4.5
48	MP3B	Mx	.004	4.5
49	MP3C	X	-4.188	2.5
50	MP3C	Z	-7.253	2.5
51	MP3C	Mx	-.004	2.5
52	MP3C	X	-4.188	4.5
53	MP3C	Z	-7.253	4.5
54	MP3C	Mx	-.004	4.5
55	MP2A	X	-1.888	1
56	MP2A	Z	-3.27	1
57	MP2A	Mx	.000146	1
58	MP2B	X	-1.511	1
59	MP2B	Z	-2.618	1
60	MP2B	Mx	.002	1
61	MP2C	X	-1.511	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
62	MP2C	Z	-2.618	1
63	MP2C	Mx	.002	1
64	M74	X	-15.944	1.5
65	M74	Z	-27.615	1.5
66	M74	Mx	0	1.5
67	MP2A	X	-7.654	3.5
68	MP2A	Z	-13.258	3.5
69	MP2A	Mx	-.004	3.5
70	MP2B	X	-7.654	3.5
71	MP2B	Z	-13.258	3.5
72	MP2B	Mx	-.004	3.5
73	MP2C	X	-5.764	3.5
74	MP2C	Z	-9.984	3.5
75	MP2C	Mx	.006	3.5
76	MP2A	X	-7.415	6.5
77	MP2A	Z	-12.843	6.5
78	MP2A	Mx	-.004	6.5
79	MP2B	X	-7.415	6.5
80	MP2B	Z	-12.843	6.5
81	MP2B	Mx	-.004	6.5
82	MP2C	X	-4.806	6.5
83	MP2C	Z	-8.325	6.5
84	MP2C	Mx	.005	6.5
85	MP1A	X	-6.772	2
86	MP1A	Z	-11.73	2
87	MP1A	Mx	.003	2
88	MP1A	X	-6.772	5
89	MP1A	Z	-11.73	5
90	MP1A	Mx	.003	5
91	MP1B	X	-6.772	2
92	MP1B	Z	-11.73	2
93	MP1B	Mx	.003	2
94	MP1B	X	-6.772	5
95	MP1B	Z	-11.73	5
96	MP1B	Mx	.003	5
97	MP1C	X	-8.1	2
98	MP1C	Z	-14.03	2
99	MP1C	Mx	-.008	2
100	MP1C	X	-8.1	5
101	MP1C	Z	-14.03	5
102	MP1C	Mx	-.008	5
103	MP4A	X	-6.772	2
104	MP4A	Z	-11.73	2
105	MP4A	Mx	.003	2
106	MP4A	X	-6.772	5
107	MP4A	Z	-11.73	5
108	MP4A	Mx	.003	5
109	MP4B	X	-6.772	2
110	MP4B	Z	-11.73	2
111	MP4B	Mx	.003	2
112	MP4B	X	-6.772	5
113	MP4B	Z	-11.73	5
114	MP4B	Mx	.003	5
115	MP4C	X	-8.1	2
116	MP4C	Z	-14.03	2
117	MP4C	Mx	-.008	2
118	MP4C	X	-8.1	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
119	MP4C	Z	-14.03	5
120	MP4C	Mx	-.008	5
121	M70A	X	-1.71	7
122	M70A	Z	-2.961	7
123	M70A	Mx	-.00057	7
124	M70A	X	-1.71	7
125	M70A	Z	-2.961	7
126	M70A	Mx	.00057	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	-12.13	1
3	MP2A	Mx	-.008	1
4	MP2A	X	0	6
5	MP2A	Z	-12.13	6
6	MP2A	Mx	-.008	6
7	MP2B	X	0	1
8	MP2B	Z	-9.008	1
9	MP2B	Mx	.007	1
10	MP2B	X	0	6
11	MP2B	Z	-9.008	6
12	MP2B	Mx	.007	6
13	MP2C	X	0	1
14	MP2C	Z	-9.008	1
15	MP2C	Mx	-.000898	1
16	MP2C	X	0	6
17	MP2C	Z	-9.008	6
18	MP2C	Mx	-.000898	6
19	MP2A	X	0	1
20	MP2A	Z	-12.13	1
21	MP2A	Mx	.008	1
22	MP2A	X	0	6
23	MP2A	Z	-12.13	6
24	MP2A	Mx	.008	6
25	MP2B	X	0	1
26	MP2B	Z	-9.008	1
27	MP2B	Mx	.000898	1
28	MP2B	X	0	6
29	MP2B	Z	-9.008	6
30	MP2B	Mx	.000898	6
31	MP2C	X	0	1
32	MP2C	Z	-9.008	1
33	MP2C	Mx	-.007	1
34	MP2C	X	0	6
35	MP2C	Z	-9.008	6
36	MP2C	Mx	-.007	6
37	MP3A	X	0	2.5
38	MP3A	Z	-5.219	2.5
39	MP3A	Mx	0	2.5
40	MP3A	X	0	4.5
41	MP3A	Z	-5.219	4.5
42	MP3A	Mx	0	4.5
43	MP3B	X	0	2.5
44	MP3B	Z	-2.653	2.5
45	MP3B	Mx	.001	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
46	MP3B	X	0	4.5
47	MP3B	Z	-2.653	4.5
48	MP3B	Mx	.001	4.5
49	MP3C	X	0	2.5
50	MP3C	Z	-2.653	2.5
51	MP3C	Mx	-.001	2.5
52	MP3C	X	0	4.5
53	MP3C	Z	-2.653	4.5
54	MP3C	Mx	-.001	4.5
55	MP2A	X	0	1
56	MP2A	Z	-.758	1
57	MP2A	Mx	-.000202	1
58	MP2B	X	0	1
59	MP2B	Z	-.758	1
60	MP2B	Mx	.000455	1
61	MP2C	X	0	1
62	MP2C	Z	-.758	1
63	MP2C	Mx	.000455	1
64	M74	X	0	1.5
65	M74	Z	-7.936	1.5
66	M74	Mx	0	1.5
67	MP2A	X	0	3.5
68	MP2A	Z	-4.128	3.5
69	MP2A	Mx	0	3.5
70	MP2B	X	0	3.5
71	MP2B	Z	-3.109	3.5
72	MP2B	Mx	-.001	3.5
73	MP2C	X	0	3.5
74	MP2C	Z	-3.109	3.5
75	MP2C	Mx	.001	3.5
76	MP2A	X	0	6.5
77	MP2A	Z	-4.128	6.5
78	MP2A	Mx	0	6.5
79	MP2B	X	0	6.5
80	MP2B	Z	-2.73	6.5
81	MP2B	Mx	-.001	6.5
82	MP2C	X	0	6.5
83	MP2C	Z	-2.73	6.5
84	MP2C	Mx	.001	6.5
85	MP1A	X	0	2
86	MP1A	Z	-3.808	2
87	MP1A	Mx	0	2
88	MP1A	X	0	5
89	MP1A	Z	-3.808	5
90	MP1A	Mx	0	5
91	MP1B	X	0	2
92	MP1B	Z	-4.743	2
93	MP1B	Mx	.002	2
94	MP1B	X	0	5
95	MP1B	Z	-4.743	5
96	MP1B	Mx	.002	5
97	MP1C	X	0	2
98	MP1C	Z	-4.743	2
99	MP1C	Mx	-.002	2
100	MP1C	X	0	5
101	MP1C	Z	-4.743	5
102	MP1C	Mx	-.002	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
103	MP4A	X	0	2
104	MP4A	Z	-3.808	2
105	MP4A	Mx	0	2
106	MP4A	X	0	5
107	MP4A	Z	-3.808	5
108	MP4A	Mx	0	5
109	MP4B	X	0	2
110	MP4B	Z	-4.743	2
111	MP4B	Mx	.002	2
112	MP4B	X	0	5
113	MP4B	Z	-4.743	5
114	MP4B	Mx	.002	5
115	MP4C	X	0	2
116	MP4C	Z	-4.743	2
117	MP4C	Mx	-.002	2
118	MP4C	X	0	5
119	MP4C	Z	-4.743	5
120	MP4C	Mx	-.002	5
121	M70A	X	0	7
122	M70A	Z	-1.215	7
123	M70A	Mx	-.000175	7
124	M70A	X	0	7
125	M70A	Z	-1.215	7
126	M70A	Mx	.000175	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	5.545	1
2	MP2A	Z	-9.603	1
3	MP2A	Mx	-.009	1
4	MP2A	X	5.545	6
5	MP2A	Z	-9.603	6
6	MP2A	Mx	-.009	6
7	MP2B	X	3.983	1
8	MP2B	Z	-6.899	1
9	MP2B	Mx	.004	1
10	MP2B	X	3.983	6
11	MP2B	Z	-6.899	6
12	MP2B	Mx	.004	6
13	MP2C	X	5.545	1
14	MP2C	Z	-9.603	1
15	MP2C	Mx	.004	1
16	MP2C	X	5.545	6
17	MP2C	Z	-9.603	6
18	MP2C	Mx	.004	6
19	MP2A	X	5.545	1
20	MP2A	Z	-9.603	1
21	MP2A	Mx	.004	1
22	MP2A	X	5.545	6
23	MP2A	Z	-9.603	6
24	MP2A	Mx	.004	6
25	MP2B	X	3.983	1
26	MP2B	Z	-6.899	1
27	MP2B	Mx	.004	1
28	MP2B	X	3.983	6
29	MP2B	Z	-6.899	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
30	MP2B	Mx	.004	6
31	MP2C	X	5.545	1
32	MP2C	Z	-9.603	1
33	MP2C	Mx	-.009	1
34	MP2C	X	5.545	6
35	MP2C	Z	-9.603	6
36	MP2C	Mx	-.009	6
37	MP3A	X	2.182	2.5
38	MP3A	Z	-3.779	2.5
39	MP3A	Mx	-.001	2.5
40	MP3A	X	2.182	4.5
41	MP3A	Z	-3.779	4.5
42	MP3A	Mx	-.001	4.5
43	MP3B	X	.899	2.5
44	MP3B	Z	-1.557	2.5
45	MP3B	Mx	.000899	2.5
46	MP3B	X	.899	4.5
47	MP3B	Z	-1.557	4.5
48	MP3B	Mx	.000899	4.5
49	MP3C	X	2.182	2.5
50	MP3C	Z	-3.779	2.5
51	MP3C	Mx	-.001	2.5
52	MP3C	X	2.182	4.5
53	MP3C	Z	-3.779	4.5
54	MP3C	Mx	-.001	4.5
55	MP2A	X	.341	1
56	MP2A	Z	-.59	1
57	MP2A	Mx	-.000341	1
58	MP2B	X	.455	1
59	MP2B	Z	-.788	1
60	MP2B	Mx	.00049	1
61	MP2C	X	.455	1
62	MP2C	Z	-.788	1
63	MP2C	Mx	.00049	1
64	M74	X	3.462	1.5
65	M74	Z	-5.996	1.5
66	M74	Mx	0	1.5
67	MP2A	X	1.894	3.5
68	MP2A	Z	-3.281	3.5
69	MP2A	Mx	.000947	3.5
70	MP2B	X	1.385	3.5
71	MP2B	Z	-2.398	3.5
72	MP2B	Mx	-.001	3.5
73	MP2C	X	1.894	3.5
74	MP2C	Z	-3.281	3.5
75	MP2C	Mx	.000947	3.5
76	MP2A	X	1.831	6.5
77	MP2A	Z	-3.171	6.5
78	MP2A	Mx	.000916	6.5
79	MP2B	X	1.132	6.5
80	MP2B	Z	-1.96	6.5
81	MP2B	Mx	-.001	6.5
82	MP2C	X	1.831	6.5
83	MP2C	Z	-3.171	6.5
84	MP2C	Mx	.000915	6.5
85	MP1A	X	2.06	2
86	MP1A	Z	-3.568	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
87	MP1A	Mx	-.001	2
88	MP1A	X	2.06	5
89	MP1A	Z	-3.568	5
90	MP1A	Mx	-.001	5
91	MP1B	X	2.527	2
92	MP1B	Z	-4.378	2
93	MP1B	Mx	.003	2
94	MP1B	X	2.527	5
95	MP1B	Z	-4.378	5
96	MP1B	Mx	.003	5
97	MP1C	X	2.06	2
98	MP1C	Z	-3.568	2
99	MP1C	Mx	-.001	2
100	MP1C	X	2.06	5
101	MP1C	Z	-3.568	5
102	MP1C	Mx	-.001	5
103	MP4A	X	2.06	2
104	MP4A	Z	-3.568	2
105	MP4A	Mx	-.001	2
106	MP4A	X	2.06	5
107	MP4A	Z	-3.568	5
108	MP4A	Mx	-.001	5
109	MP4B	X	2.527	2
110	MP4B	Z	-4.378	2
111	MP4B	Mx	.003	2
112	MP4B	X	2.527	5
113	MP4B	Z	-4.378	5
114	MP4B	Mx	.003	5
115	MP4C	X	2.06	2
116	MP4C	Z	-3.568	2
117	MP4C	Mx	-.001	2
118	MP4C	X	2.06	5
119	MP4C	Z	-3.568	5
120	MP4C	Mx	-.001	5
121	M70A	X	1.051	7
122	M70A	Z	-1.82	7
123	M70A	Mx	-.000175	7
124	M70A	X	1.051	7
125	M70A	Z	-1.82	7
126	M70A	Mx	.000175	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	7.801	1
2	MP2A	Z	-4.504	1
3	MP2A	Mx	-.007	1
4	MP2A	X	7.801	6
5	MP2A	Z	-4.504	6
6	MP2A	Mx	-.007	6
7	MP2B	X	7.801	1
8	MP2B	Z	-4.504	1
9	MP2B	Mx	.000898	1
10	MP2B	X	7.801	6
11	MP2B	Z	-4.504	6
12	MP2B	Mx	.000898	6
13	MP2C	X	10.505	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
14	MP2C	Z	-6.065	1
15	MP2C	Mx	.008	1
16	MP2C	X	10.505	6
17	MP2C	Z	-6.065	6
18	MP2C	Mx	.008	6
19	MP2A	X	7.801	1
20	MP2A	Z	-4.504	1
21	MP2A	Mx	-.000898	1
22	MP2A	X	7.801	6
23	MP2A	Z	-4.504	6
24	MP2A	Mx	-.000898	6
25	MP2B	X	7.801	1
26	MP2B	Z	-4.504	1
27	MP2B	Mx	.007	1
28	MP2B	X	7.801	6
29	MP2B	Z	-4.504	6
30	MP2B	Mx	.007	6
31	MP2C	X	10.505	1
32	MP2C	Z	-6.065	1
33	MP2C	Mx	-.008	1
34	MP2C	X	10.505	6
35	MP2C	Z	-6.065	6
36	MP2C	Mx	-.008	6
37	MP3A	X	2.298	2.5
38	MP3A	Z	-1.326	2.5
39	MP3A	Mx	-.001	2.5
40	MP3A	X	2.298	4.5
41	MP3A	Z	-1.326	4.5
42	MP3A	Mx	-.001	4.5
43	MP3B	X	2.298	2.5
44	MP3B	Z	-1.326	2.5
45	MP3B	Mx	.001	2.5
46	MP3B	X	2.298	4.5
47	MP3B	Z	-1.326	4.5
48	MP3B	Mx	.001	4.5
49	MP3C	X	4.52	2.5
50	MP3C	Z	-2.61	2.5
51	MP3C	Mx	0	2.5
52	MP3C	X	4.52	4.5
53	MP3C	Z	-2.61	4.5
54	MP3C	Mx	0	4.5
55	MP2A	X	.656	1
56	MP2A	Z	-.379	1
57	MP2A	Mx	-.000454	1
58	MP2B	X	.853	1
59	MP2B	Z	-.493	1
60	MP2B	Mx	.000329	1
61	MP2C	X	.853	1
62	MP2C	Z	-.493	1
63	MP2C	Mx	.000329	1
64	M74	X	5.558	1.5
65	M74	Z	-3.209	1.5
66	M74	Mx	0	1.5
67	MP2A	X	2.692	3.5
68	MP2A	Z	-1.555	3.5
69	MP2A	Mx	.001	3.5
70	MP2B	X	2.692	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
71	MP2B	Z	-1.555	3.5
72	MP2B	Mx	-.001	3.5
73	MP2C	X	3.575	3.5
74	MP2C	Z	-2.064	3.5
75	MP2C	Mx	0	3.5
76	MP2A	X	2.364	6.5
77	MP2A	Z	-1.365	6.5
78	MP2A	Mx	.001	6.5
79	MP2B	X	2.364	6.5
80	MP2B	Z	-1.365	6.5
81	MP2B	Mx	-.001	6.5
82	MP2C	X	3.575	6.5
83	MP2C	Z	-2.064	6.5
84	MP2C	Mx	0	6.5
85	MP1A	X	4.108	2
86	MP1A	Z	-2.372	2
87	MP1A	Mx	-.002	2
88	MP1A	X	4.108	5
89	MP1A	Z	-2.372	5
90	MP1A	Mx	-.002	5
91	MP1B	X	4.108	2
92	MP1B	Z	-2.372	2
93	MP1B	Mx	.002	2
94	MP1B	X	4.108	5
95	MP1B	Z	-2.372	5
96	MP1B	Mx	.002	5
97	MP1C	X	3.298	2
98	MP1C	Z	-1.904	2
99	MP1C	Mx	0	2
100	MP1C	X	3.298	5
101	MP1C	Z	-1.904	5
102	MP1C	Mx	0	5
103	MP4A	X	4.108	2
104	MP4A	Z	-2.372	2
105	MP4A	Mx	-.002	2
106	MP4A	X	4.108	5
107	MP4A	Z	-2.372	5
108	MP4A	Mx	-.002	5
109	MP4B	X	4.108	2
110	MP4B	Z	-2.372	2
111	MP4B	Mx	.002	2
112	MP4B	X	4.108	5
113	MP4B	Z	-2.372	5
114	MP4B	Mx	.002	5
115	MP4C	X	3.298	2
116	MP4C	Z	-1.904	2
117	MP4C	Mx	0	2
118	MP4C	X	3.298	5
119	MP4C	Z	-1.904	5
120	MP4C	Mx	0	5
121	M70A	X	2.204	7
122	M70A	Z	-1.273	7
123	M70A	Mx	0	7
124	M70A	X	2.204	7
125	M70A	Z	-1.273	7
126	M70A	Mx	0	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	7.967	1
2	MP2A	Z	0	1
3	MP2A	Mx	-.004	1
4	MP2A	X	7.967	6
5	MP2A	Z	0	6
6	MP2A	Mx	-.004	6
7	MP2B	X	11.089	1
8	MP2B	Z	0	1
9	MP2B	Mx	-.004	1
10	MP2B	X	11.089	6
11	MP2B	Z	0	6
12	MP2B	Mx	-.004	6
13	MP2C	X	11.089	1
14	MP2C	Z	0	1
15	MP2C	Mx	.009	1
16	MP2C	X	11.089	6
17	MP2C	Z	0	6
18	MP2C	Mx	.009	6
19	MP2A	X	7.967	1
20	MP2A	Z	0	1
21	MP2A	Mx	-.004	1
22	MP2A	X	7.967	6
23	MP2A	Z	0	6
24	MP2A	Mx	-.004	6
25	MP2B	X	11.089	1
26	MP2B	Z	0	1
27	MP2B	Mx	.009	1
28	MP2B	X	11.089	6
29	MP2B	Z	0	6
30	MP2B	Mx	.009	6
31	MP2C	X	11.089	1
32	MP2C	Z	0	1
33	MP2C	Mx	-.004	1
34	MP2C	X	11.089	6
35	MP2C	Z	0	6
36	MP2C	Mx	-.004	6
37	MP3A	X	1.798	2.5
38	MP3A	Z	0	2.5
39	MP3A	Mx	-.000899	2.5
40	MP3A	X	1.798	4.5
41	MP3A	Z	0	4.5
42	MP3A	Mx	-.000899	4.5
43	MP3B	X	4.364	2.5
44	MP3B	Z	0	2.5
45	MP3B	Mx	.001	2.5
46	MP3B	X	4.364	4.5
47	MP3B	Z	0	4.5
48	MP3B	Mx	.001	4.5
49	MP3C	X	4.364	2.5
50	MP3C	Z	0	2.5
51	MP3C	Mx	.001	2.5
52	MP3C	X	4.364	4.5
53	MP3C	Z	0	4.5
54	MP3C	Mx	.001	4.5
55	MP2A	X	.909	1
56	MP2A	Z	0	1
57	MP2A	Mx	-.00049	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP2B	X	.909	1
59	MP2B	Z	0	1
60	MP2B	Mx	3.5e-5	1
61	MP2C	X	.909	1
62	MP2C	Z	0	1
63	MP2C	Mx	3.5e-5	1
64	M74	X	6.924	1.5
65	M74	Z	0	1.5
66	M74	Mx	0	1.5
67	MP2A	X	2.769	3.5
68	MP2A	Z	0	3.5
69	MP2A	Mx	.001	3.5
70	MP2B	X	3.788	3.5
71	MP2B	Z	0	3.5
72	MP2B	Mx	-.000947	3.5
73	MP2C	X	3.788	3.5
74	MP2C	Z	0	3.5
75	MP2C	Mx	-.000947	3.5
76	MP2A	X	2.264	6.5
77	MP2A	Z	0	6.5
78	MP2A	Mx	.001	6.5
79	MP2B	X	3.662	6.5
80	MP2B	Z	0	6.5
81	MP2B	Mx	-.000916	6.5
82	MP2C	X	3.662	6.5
83	MP2C	Z	0	6.5
84	MP2C	Mx	-.000916	6.5
85	MP1A	X	5.055	2
86	MP1A	Z	0	2
87	MP1A	Mx	-.003	2
88	MP1A	X	5.055	5
89	MP1A	Z	0	5
90	MP1A	Mx	-.003	5
91	MP1B	X	4.12	2
92	MP1B	Z	0	2
93	MP1B	Mx	.001	2
94	MP1B	X	4.12	5
95	MP1B	Z	0	5
96	MP1B	Mx	.001	5
97	MP1C	X	4.12	2
98	MP1C	Z	0	2
99	MP1C	Mx	.001	2
100	MP1C	X	4.12	5
101	MP1C	Z	0	5
102	MP1C	Mx	.001	5
103	MP4A	X	5.055	2
104	MP4A	Z	0	2
105	MP4A	Mx	-.003	2
106	MP4A	X	5.055	5
107	MP4A	Z	0	5
108	MP4A	Mx	-.003	5
109	MP4B	X	4.12	2
110	MP4B	Z	0	2
111	MP4B	Mx	.001	2
112	MP4B	X	4.12	5
113	MP4B	Z	0	5
114	MP4B	Mx	.001	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
115	MP4C	X	4.12	2
116	MP4C	Z	0	2
117	MP4C	Mx	.001	2
118	MP4C	X	4.12	5
119	MP4C	Z	0	5
120	MP4C	Mx	.001	5
121	M70A	X	2.102	7
122	M70A	Z	0	7
123	M70A	Mx	.000175	7
124	M70A	X	2.102	7
125	M70A	Z	0	7
126	M70A	Mx	-.000175	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	7.801	1
2	MP2A	Z	4.504	1
3	MP2A	Mx	-.000898	1
4	MP2A	X	7.801	6
5	MP2A	Z	4.504	6
6	MP2A	Mx	-.000898	6
7	MP2B	X	10.505	1
8	MP2B	Z	6.065	1
9	MP2B	Mx	-.008	1
10	MP2B	X	10.505	6
11	MP2B	Z	6.065	6
12	MP2B	Mx	-.008	6
13	MP2C	X	7.801	1
14	MP2C	Z	4.504	1
15	MP2C	Mx	.007	1
16	MP2C	X	7.801	6
17	MP2C	Z	4.504	6
18	MP2C	Mx	.007	6
19	MP2A	X	7.801	1
20	MP2A	Z	4.504	1
21	MP2A	Mx	-.007	1
22	MP2A	X	7.801	6
23	MP2A	Z	4.504	6
24	MP2A	Mx	-.007	6
25	MP2B	X	10.505	1
26	MP2B	Z	6.065	1
27	MP2B	Mx	.008	1
28	MP2B	X	10.505	6
29	MP2B	Z	6.065	6
30	MP2B	Mx	.008	6
31	MP2C	X	7.801	1
32	MP2C	Z	4.504	1
33	MP2C	Mx	.000898	1
34	MP2C	X	7.801	6
35	MP2C	Z	4.504	6
36	MP2C	Mx	.000898	6
37	MP3A	X	2.298	2.5
38	MP3A	Z	1.326	2.5
39	MP3A	Mx	-.001	2.5
40	MP3A	X	2.298	4.5
41	MP3A	Z	1.326	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
42	MP3A	Mx	-.001	4.5
43	MP3B	X	4.52	2.5
44	MP3B	Z	2.61	2.5
45	MP3B	Mx	0	2.5
46	MP3B	X	4.52	4.5
47	MP3B	Z	2.61	4.5
48	MP3B	Mx	0	4.5
49	MP3C	X	2.298	2.5
50	MP3C	Z	1.326	2.5
51	MP3C	Mx	.001	2.5
52	MP3C	X	2.298	4.5
53	MP3C	Z	1.326	4.5
54	MP3C	Mx	.001	4.5
55	MP2A	X	.853	1
56	MP2A	Z	.493	1
57	MP2A	Mx	-.000328	1
58	MP2B	X	.656	1
59	MP2B	Z	.379	1
60	MP2B	Mx	-.000202	1
61	MP2C	X	.656	1
62	MP2C	Z	.379	1
63	MP2C	Mx	-.000202	1
64	M74	X	6.872	1.5
65	M74	Z	3.968	1.5
66	M74	Mx	0	1.5
67	MP2A	X	2.692	3.5
68	MP2A	Z	1.555	3.5
69	MP2A	Mx	.001	3.5
70	MP2B	X	3.575	3.5
71	MP2B	Z	2.064	3.5
72	MP2B	Mx	0	3.5
73	MP2C	X	2.692	3.5
74	MP2C	Z	1.555	3.5
75	MP2C	Mx	-.001	3.5
76	MP2A	X	2.364	6.5
77	MP2A	Z	1.365	6.5
78	MP2A	Mx	.001	6.5
79	MP2B	X	3.575	6.5
80	MP2B	Z	2.064	6.5
81	MP2B	Mx	0	6.5
82	MP2C	X	2.364	6.5
83	MP2C	Z	1.365	6.5
84	MP2C	Mx	-.001	6.5
85	MP1A	X	4.108	2
86	MP1A	Z	2.372	2
87	MP1A	Mx	-.002	2
88	MP1A	X	4.108	5
89	MP1A	Z	2.372	5
90	MP1A	Mx	-.002	5
91	MP1B	X	3.298	2
92	MP1B	Z	1.904	2
93	MP1B	Mx	0	2
94	MP1B	X	3.298	5
95	MP1B	Z	1.904	5
96	MP1B	Mx	0	5
97	MP1C	X	4.108	2
98	MP1C	Z	2.372	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
99	MP1C	Mx	.002	2
100	MP1C	X	4.108	5
101	MP1C	Z	2.372	5
102	MP1C	Mx	.002	5
103	MP4A	X	4.108	2
104	MP4A	Z	2.372	2
105	MP4A	Mx	-.002	2
106	MP4A	X	4.108	5
107	MP4A	Z	2.372	5
108	MP4A	Mx	-.002	5
109	MP4B	X	3.298	2
110	MP4B	Z	1.904	2
111	MP4B	Mx	0	2
112	MP4B	X	3.298	5
113	MP4B	Z	1.904	5
114	MP4B	Mx	0	5
115	MP4C	X	4.108	2
116	MP4C	Z	2.372	2
117	MP4C	Mx	.002	2
118	MP4C	X	4.108	5
119	MP4C	Z	2.372	5
120	MP4C	Mx	.002	5
121	M70A	X	1.053	7
122	M70A	Z	.608	7
123	M70A	Mx	.000176	7
124	M70A	X	1.053	7
125	M70A	Z	.608	7
126	M70A	Mx	-.000176	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	5.545	1
2	MP2A	Z	9.603	1
3	MP2A	Mx	.004	1
4	MP2A	X	5.545	6
5	MP2A	Z	9.603	6
6	MP2A	Mx	.004	6
7	MP2B	X	5.545	1
8	MP2B	Z	9.603	1
9	MP2B	Mx	-.009	1
10	MP2B	X	5.545	6
11	MP2B	Z	9.603	6
12	MP2B	Mx	-.009	6
13	MP2C	X	3.983	1
14	MP2C	Z	6.899	1
15	MP2C	Mx	.004	1
16	MP2C	X	3.983	6
17	MP2C	Z	6.899	6
18	MP2C	Mx	.004	6
19	MP2A	X	5.545	1
20	MP2A	Z	9.603	1
21	MP2A	Mx	-.009	1
22	MP2A	X	5.545	6
23	MP2A	Z	9.603	6
24	MP2A	Mx	-.009	6
25	MP2B	X	5.545	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
26	MP2B	Z	9.603	1
27	MP2B	Mx	.004	1
28	MP2B	X	5.545	6
29	MP2B	Z	9.603	6
30	MP2B	Mx	.004	6
31	MP2C	X	3.983	1
32	MP2C	Z	6.899	1
33	MP2C	Mx	.004	1
34	MP2C	X	3.983	6
35	MP2C	Z	6.899	6
36	MP2C	Mx	.004	6
37	MP3A	X	2.182	2.5
38	MP3A	Z	3.779	2.5
39	MP3A	Mx	-.001	2.5
40	MP3A	X	2.182	4.5
41	MP3A	Z	3.779	4.5
42	MP3A	Mx	-.001	4.5
43	MP3B	X	2.182	2.5
44	MP3B	Z	3.779	2.5
45	MP3B	Mx	-.001	2.5
46	MP3B	X	2.182	4.5
47	MP3B	Z	3.779	4.5
48	MP3B	Mx	-.001	4.5
49	MP3C	X	.899	2.5
50	MP3C	Z	1.557	2.5
51	MP3C	Mx	.000899	2.5
52	MP3C	X	.899	4.5
53	MP3C	Z	1.557	4.5
54	MP3C	Mx	.000899	4.5
55	MP2A	X	.455	1
56	MP2A	Z	.788	1
57	MP2A	Mx	-3.5e-5	1
58	MP2B	X	.341	1
59	MP2B	Z	.59	1
60	MP2B	Mx	-.000341	1
61	MP2C	X	.341	1
62	MP2C	Z	.59	1
63	MP2C	Mx	-.000341	1
64	M74	X	4.221	1.5
65	M74	Z	7.311	1.5
66	M74	Mx	0	1.5
67	MP2A	X	1.894	3.5
68	MP2A	Z	3.281	3.5
69	MP2A	Mx	.000947	3.5
70	MP2B	X	1.894	3.5
71	MP2B	Z	3.281	3.5
72	MP2B	Mx	.000947	3.5
73	MP2C	X	1.385	3.5
74	MP2C	Z	2.398	3.5
75	MP2C	Mx	-.001	3.5
76	MP2A	X	1.831	6.5
77	MP2A	Z	3.171	6.5
78	MP2A	Mx	.000916	6.5
79	MP2B	X	1.831	6.5
80	MP2B	Z	3.171	6.5
81	MP2B	Mx	.000915	6.5
82	MP2C	X	1.132	6.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
83	MP2C	Z	1.96	6.5
84	MP2C	Mx	-.001	6.5
85	MP1A	X	2.06	2
86	MP1A	Z	3.568	2
87	MP1A	Mx	-.001	2
88	MP1A	X	2.06	5
89	MP1A	Z	3.568	5
90	MP1A	Mx	-.001	5
91	MP1B	X	2.06	2
92	MP1B	Z	3.568	2
93	MP1B	Mx	-.001	2
94	MP1B	X	2.06	5
95	MP1B	Z	3.568	5
96	MP1B	Mx	-.001	5
97	MP1C	X	2.527	2
98	MP1C	Z	4.378	2
99	MP1C	Mx	.003	2
100	MP1C	X	2.527	5
101	MP1C	Z	4.378	5
102	MP1C	Mx	.003	5
103	MP4A	X	2.06	2
104	MP4A	Z	3.568	2
105	MP4A	Mx	-.001	2
106	MP4A	X	2.06	5
107	MP4A	Z	3.568	5
108	MP4A	Mx	-.001	5
109	MP4B	X	2.06	2
110	MP4B	Z	3.568	2
111	MP4B	Mx	-.001	2
112	MP4B	X	2.06	5
113	MP4B	Z	3.568	5
114	MP4B	Mx	-.001	5
115	MP4C	X	2.527	2
116	MP4C	Z	4.378	2
117	MP4C	Mx	.003	2
118	MP4C	X	2.527	5
119	MP4C	Z	4.378	5
120	MP4C	Mx	.003	5
121	M70A	X	.386	7
122	M70A	Z	.669	7
123	M70A	Mx	.000129	7
124	M70A	X	.386	7
125	M70A	Z	.669	7
126	M70A	Mx	-.000129	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	12.13	1
3	MP2A	Mx	.008	1
4	MP2A	X	0	6
5	MP2A	Z	12.13	6
6	MP2A	Mx	.008	6
7	MP2B	X	0	1
8	MP2B	Z	9.008	1
9	MP2B	Mx	-.007	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
10	MP2B	X	0	6
11	MP2B	Z	9.008	6
12	MP2B	Mx	-.007	6
13	MP2C	X	0	1
14	MP2C	Z	9.008	1
15	MP2C	Mx	.000898	1
16	MP2C	X	0	6
17	MP2C	Z	9.008	6
18	MP2C	Mx	.000898	6
19	MP2A	X	0	1
20	MP2A	Z	12.13	1
21	MP2A	Mx	-.008	1
22	MP2A	X	0	6
23	MP2A	Z	12.13	6
24	MP2A	Mx	-.008	6
25	MP2B	X	0	1
26	MP2B	Z	9.008	1
27	MP2B	Mx	-.000898	1
28	MP2B	X	0	6
29	MP2B	Z	9.008	6
30	MP2B	Mx	-.000898	6
31	MP2C	X	0	1
32	MP2C	Z	9.008	1
33	MP2C	Mx	.007	1
34	MP2C	X	0	6
35	MP2C	Z	9.008	6
36	MP2C	Mx	.007	6
37	MP3A	X	0	2.5
38	MP3A	Z	5.219	2.5
39	MP3A	Mx	0	2.5
40	MP3A	X	0	4.5
41	MP3A	Z	5.219	4.5
42	MP3A	Mx	0	4.5
43	MP3B	X	0	2.5
44	MP3B	Z	2.653	2.5
45	MP3B	Mx	-.001	2.5
46	MP3B	X	0	4.5
47	MP3B	Z	2.653	4.5
48	MP3B	Mx	-.001	4.5
49	MP3C	X	0	2.5
50	MP3C	Z	2.653	2.5
51	MP3C	Mx	.001	2.5
52	MP3C	X	0	4.5
53	MP3C	Z	2.653	4.5
54	MP3C	Mx	.001	4.5
55	MP2A	X	0	1
56	MP2A	Z	.758	1
57	MP2A	Mx	.000202	1
58	MP2B	X	0	1
59	MP2B	Z	.758	1
60	MP2B	Mx	-.000455	1
61	MP2C	X	0	1
62	MP2C	Z	.758	1
63	MP2C	Mx	-.000455	1
64	M74	X	0	1.5
65	M74	Z	7.936	1.5
66	M74	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
67	MP2A	X	0	3.5
68	MP2A	Z	4.128	3.5
69	MP2A	Mx	0	3.5
70	MP2B	X	0	3.5
71	MP2B	Z	3.109	3.5
72	MP2B	Mx	.001	3.5
73	MP2C	X	0	3.5
74	MP2C	Z	3.109	3.5
75	MP2C	Mx	-.001	3.5
76	MP2A	X	0	6.5
77	MP2A	Z	4.128	6.5
78	MP2A	Mx	0	6.5
79	MP2B	X	0	6.5
80	MP2B	Z	2.73	6.5
81	MP2B	Mx	.001	6.5
82	MP2C	X	0	6.5
83	MP2C	Z	2.73	6.5
84	MP2C	Mx	-.001	6.5
85	MP1A	X	0	2
86	MP1A	Z	3.808	2
87	MP1A	Mx	0	2
88	MP1A	X	0	5
89	MP1A	Z	3.808	5
90	MP1A	Mx	0	5
91	MP1B	X	0	2
92	MP1B	Z	4.743	2
93	MP1B	Mx	-.002	2
94	MP1B	X	0	5
95	MP1B	Z	4.743	5
96	MP1B	Mx	-.002	5
97	MP1C	X	0	2
98	MP1C	Z	4.743	2
99	MP1C	Mx	.002	2
100	MP1C	X	0	5
101	MP1C	Z	4.743	5
102	MP1C	Mx	.002	5
103	MP4A	X	0	2
104	MP4A	Z	3.808	2
105	MP4A	Mx	0	2
106	MP4A	X	0	5
107	MP4A	Z	3.808	5
108	MP4A	Mx	0	5
109	MP4B	X	0	2
110	MP4B	Z	4.743	2
111	MP4B	Mx	-.002	2
112	MP4B	X	0	5
113	MP4B	Z	4.743	5
114	MP4B	Mx	-.002	5
115	MP4C	X	0	2
116	MP4C	Z	4.743	2
117	MP4C	Mx	.002	2
118	MP4C	X	0	5
119	MP4C	Z	4.743	5
120	MP4C	Mx	.002	5
121	M70A	X	0	7
122	M70A	Z	1.215	7
123	M70A	Mx	.000175	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
124	M70A	X	0	7
125	M70A	Z	1.215	7
126	M70A	Mx	-.000175	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-5.545	1
2	MP2A	Z	9.603	1
3	MP2A	Mx	.009	1
4	MP2A	X	-5.545	6
5	MP2A	Z	9.603	6
6	MP2A	Mx	.009	6
7	MP2B	X	-3.983	1
8	MP2B	Z	6.899	1
9	MP2B	Mx	-.004	1
10	MP2B	X	-3.983	6
11	MP2B	Z	6.899	6
12	MP2B	Mx	-.004	6
13	MP2C	X	-5.545	1
14	MP2C	Z	9.603	1
15	MP2C	Mx	-.004	1
16	MP2C	X	-5.545	6
17	MP2C	Z	9.603	6
18	MP2C	Mx	-.004	6
19	MP2A	X	-5.545	1
20	MP2A	Z	9.603	1
21	MP2A	Mx	-.004	1
22	MP2A	X	-5.545	6
23	MP2A	Z	9.603	6
24	MP2A	Mx	-.004	6
25	MP2B	X	-3.983	1
26	MP2B	Z	6.899	1
27	MP2B	Mx	-.004	1
28	MP2B	X	-3.983	6
29	MP2B	Z	6.899	6
30	MP2B	Mx	-.004	6
31	MP2C	X	-5.545	1
32	MP2C	Z	9.603	1
33	MP2C	Mx	.009	1
34	MP2C	X	-5.545	6
35	MP2C	Z	9.603	6
36	MP2C	Mx	.009	6
37	MP3A	X	-2.182	2.5
38	MP3A	Z	3.779	2.5
39	MP3A	Mx	.001	2.5
40	MP3A	X	-2.182	4.5
41	MP3A	Z	3.779	4.5
42	MP3A	Mx	.001	4.5
43	MP3B	X	-.899	2.5
44	MP3B	Z	1.557	2.5
45	MP3B	Mx	-.000899	2.5
46	MP3B	X	-.899	4.5
47	MP3B	Z	1.557	4.5
48	MP3B	Mx	-.000899	4.5
49	MP3C	X	-2.182	2.5
50	MP3C	Z	3.779	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
51	MP3C	Mx	.001	2.5
52	MP3C	X	-2.182	4.5
53	MP3C	Z	3.779	4.5
54	MP3C	Mx	.001	4.5
55	MP2A	X	-.341	1
56	MP2A	Z	.59	1
57	MP2A	Mx	.000341	1
58	MP2B	X	-.455	1
59	MP2B	Z	.788	1
60	MP2B	Mx	-.00049	1
61	MP2C	X	-.455	1
62	MP2C	Z	.788	1
63	MP2C	Mx	-.00049	1
64	M74	X	-3.462	1.5
65	M74	Z	5.996	1.5
66	M74	Mx	0	1.5
67	MP2A	X	-1.894	3.5
68	MP2A	Z	3.281	3.5
69	MP2A	Mx	-.000947	3.5
70	MP2B	X	-1.385	3.5
71	MP2B	Z	2.398	3.5
72	MP2B	Mx	.001	3.5
73	MP2C	X	-1.894	3.5
74	MP2C	Z	3.281	3.5
75	MP2C	Mx	-.000947	3.5
76	MP2A	X	-1.831	6.5
77	MP2A	Z	3.171	6.5
78	MP2A	Mx	-.000916	6.5
79	MP2B	X	-1.132	6.5
80	MP2B	Z	1.96	6.5
81	MP2B	Mx	.001	6.5
82	MP2C	X	-1.831	6.5
83	MP2C	Z	3.171	6.5
84	MP2C	Mx	-.000915	6.5
85	MP1A	X	-2.06	2
86	MP1A	Z	3.568	2
87	MP1A	Mx	.001	2
88	MP1A	X	-2.06	5
89	MP1A	Z	3.568	5
90	MP1A	Mx	.001	5
91	MP1B	X	-2.527	2
92	MP1B	Z	4.378	2
93	MP1B	Mx	-.003	2
94	MP1B	X	-2.527	5
95	MP1B	Z	4.378	5
96	MP1B	Mx	-.003	5
97	MP1C	X	-2.06	2
98	MP1C	Z	3.568	2
99	MP1C	Mx	.001	2
100	MP1C	X	-2.06	5
101	MP1C	Z	3.568	5
102	MP1C	Mx	.001	5
103	MP4A	X	-2.06	2
104	MP4A	Z	3.568	2
105	MP4A	Mx	.001	2
106	MP4A	X	-2.06	5
107	MP4A	Z	3.568	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
108	MP4A	Mx	.001	5
109	MP4B	X	-2.527	2
110	MP4B	Z	4.378	2
111	MP4B	Mx	-.003	2
112	MP4B	X	-2.527	5
113	MP4B	Z	4.378	5
114	MP4B	Mx	-.003	5
115	MP4C	X	-2.06	2
116	MP4C	Z	3.568	2
117	MP4C	Mx	.001	2
118	MP4C	X	-2.06	5
119	MP4C	Z	3.568	5
120	MP4C	Mx	.001	5
121	M70A	X	-1.051	7
122	M70A	Z	1.82	7
123	M70A	Mx	.000175	7
124	M70A	X	-1.051	7
125	M70A	Z	1.82	7
126	M70A	Mx	-.000175	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-7.801	1
2	MP2A	Z	4.504	1
3	MP2A	Mx	.007	1
4	MP2A	X	-7.801	6
5	MP2A	Z	4.504	6
6	MP2A	Mx	.007	6
7	MP2B	X	-7.801	1
8	MP2B	Z	4.504	1
9	MP2B	Mx	-.000898	1
10	MP2B	X	-7.801	6
11	MP2B	Z	4.504	6
12	MP2B	Mx	-.000898	6
13	MP2C	X	-10.505	1
14	MP2C	Z	6.065	1
15	MP2C	Mx	-.008	1
16	MP2C	X	-10.505	6
17	MP2C	Z	6.065	6
18	MP2C	Mx	-.008	6
19	MP2A	X	-7.801	1
20	MP2A	Z	4.504	1
21	MP2A	Mx	.000898	1
22	MP2A	X	-7.801	6
23	MP2A	Z	4.504	6
24	MP2A	Mx	.000898	6
25	MP2B	X	-7.801	1
26	MP2B	Z	4.504	1
27	MP2B	Mx	-.007	1
28	MP2B	X	-7.801	6
29	MP2B	Z	4.504	6
30	MP2B	Mx	-.007	6
31	MP2C	X	-10.505	1
32	MP2C	Z	6.065	1
33	MP2C	Mx	.008	1
34	MP2C	X	-10.505	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
35	MP2C	Z	6.065	6
36	MP2C	Mx	.008	6
37	MP3A	X	-2.298	2.5
38	MP3A	Z	1.326	2.5
39	MP3A	Mx	.001	2.5
40	MP3A	X	-2.298	4.5
41	MP3A	Z	1.326	4.5
42	MP3A	Mx	.001	4.5
43	MP3B	X	-2.298	2.5
44	MP3B	Z	1.326	2.5
45	MP3B	Mx	-.001	2.5
46	MP3B	X	-2.298	4.5
47	MP3B	Z	1.326	4.5
48	MP3B	Mx	-.001	4.5
49	MP3C	X	-4.52	2.5
50	MP3C	Z	2.61	2.5
51	MP3C	Mx	0	2.5
52	MP3C	X	-4.52	4.5
53	MP3C	Z	2.61	4.5
54	MP3C	Mx	0	4.5
55	MP2A	X	-.656	1
56	MP2A	Z	.379	1
57	MP2A	Mx	.000454	1
58	MP2B	X	-.853	1
59	MP2B	Z	.493	1
60	MP2B	Mx	-.000329	1
61	MP2C	X	-.853	1
62	MP2C	Z	.493	1
63	MP2C	Mx	-.000329	1
64	M74	X	-5.558	1.5
65	M74	Z	3.209	1.5
66	M74	Mx	0	1.5
67	MP2A	X	-2.692	3.5
68	MP2A	Z	1.555	3.5
69	MP2A	Mx	-.001	3.5
70	MP2B	X	-2.692	3.5
71	MP2B	Z	1.555	3.5
72	MP2B	Mx	.001	3.5
73	MP2C	X	-3.575	3.5
74	MP2C	Z	2.064	3.5
75	MP2C	Mx	0	3.5
76	MP2A	X	-2.364	6.5
77	MP2A	Z	1.365	6.5
78	MP2A	Mx	-.001	6.5
79	MP2B	X	-2.364	6.5
80	MP2B	Z	1.365	6.5
81	MP2B	Mx	.001	6.5
82	MP2C	X	-3.575	6.5
83	MP2C	Z	2.064	6.5
84	MP2C	Mx	0	6.5
85	MP1A	X	-4.108	2
86	MP1A	Z	2.372	2
87	MP1A	Mx	.002	2
88	MP1A	X	-4.108	5
89	MP1A	Z	2.372	5
90	MP1A	Mx	.002	5
91	MP1B	X	-4.108	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
92	MP1B	Z	2.372	2
93	MP1B	Mx	-.002	2
94	MP1B	X	-4.108	5
95	MP1B	Z	2.372	5
96	MP1B	Mx	-.002	5
97	MP1C	X	-3.298	2
98	MP1C	Z	1.904	2
99	MP1C	Mx	0	2
100	MP1C	X	-3.298	5
101	MP1C	Z	1.904	5
102	MP1C	Mx	0	5
103	MP4A	X	-4.108	2
104	MP4A	Z	2.372	2
105	MP4A	Mx	.002	2
106	MP4A	X	-4.108	5
107	MP4A	Z	2.372	5
108	MP4A	Mx	.002	5
109	MP4B	X	-4.108	2
110	MP4B	Z	2.372	2
111	MP4B	Mx	-.002	2
112	MP4B	X	-4.108	5
113	MP4B	Z	2.372	5
114	MP4B	Mx	-.002	5
115	MP4C	X	-3.298	2
116	MP4C	Z	1.904	2
117	MP4C	Mx	0	2
118	MP4C	X	-3.298	5
119	MP4C	Z	1.904	5
120	MP4C	Mx	0	5
121	M70A	X	-2.204	7
122	M70A	Z	1.273	7
123	M70A	Mx	0	7
124	M70A	X	-2.204	7
125	M70A	Z	1.273	7
126	M70A	Mx	0	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-7.967	1
2	MP2A	Z	0	1
3	MP2A	Mx	.004	1
4	MP2A	X	-7.967	6
5	MP2A	Z	0	6
6	MP2A	Mx	.004	6
7	MP2B	X	-11.089	1
8	MP2B	Z	0	1
9	MP2B	Mx	.004	1
10	MP2B	X	-11.089	6
11	MP2B	Z	0	6
12	MP2B	Mx	.004	6
13	MP2C	X	-11.089	1
14	MP2C	Z	0	1
15	MP2C	Mx	-.009	1
16	MP2C	X	-11.089	6
17	MP2C	Z	0	6
18	MP2C	Mx	-.009	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
19	MP2A	X	-7.967	1
20	MP2A	Z	0	1
21	MP2A	Mx	.004	1
22	MP2A	X	-7.967	6
23	MP2A	Z	0	6
24	MP2A	Mx	.004	6
25	MP2B	X	-11.089	1
26	MP2B	Z	0	1
27	MP2B	Mx	-.009	1
28	MP2B	X	-11.089	6
29	MP2B	Z	0	6
30	MP2B	Mx	-.009	6
31	MP2C	X	-11.089	1
32	MP2C	Z	0	1
33	MP2C	Mx	.004	1
34	MP2C	X	-11.089	6
35	MP2C	Z	0	6
36	MP2C	Mx	.004	6
37	MP3A	X	-1.798	2.5
38	MP3A	Z	0	2.5
39	MP3A	Mx	.000899	2.5
40	MP3A	X	-1.798	4.5
41	MP3A	Z	0	4.5
42	MP3A	Mx	.000899	4.5
43	MP3B	X	-4.364	2.5
44	MP3B	Z	0	2.5
45	MP3B	Mx	-.001	2.5
46	MP3B	X	-4.364	4.5
47	MP3B	Z	0	4.5
48	MP3B	Mx	-.001	4.5
49	MP3C	X	-4.364	2.5
50	MP3C	Z	0	2.5
51	MP3C	Mx	-.001	2.5
52	MP3C	X	-4.364	4.5
53	MP3C	Z	0	4.5
54	MP3C	Mx	-.001	4.5
55	MP2A	X	-.909	1
56	MP2A	Z	0	1
57	MP2A	Mx	.00049	1
58	MP2B	X	-.909	1
59	MP2B	Z	0	1
60	MP2B	Mx	-3.5e-5	1
61	MP2C	X	-.909	1
62	MP2C	Z	0	1
63	MP2C	Mx	-3.5e-5	1
64	M74	X	-6.924	1.5
65	M74	Z	0	1.5
66	M74	Mx	0	1.5
67	MP2A	X	-2.769	3.5
68	MP2A	Z	0	3.5
69	MP2A	Mx	-.001	3.5
70	MP2B	X	-3.788	3.5
71	MP2B	Z	0	3.5
72	MP2B	Mx	.000947	3.5
73	MP2C	X	-3.788	3.5
74	MP2C	Z	0	3.5
75	MP2C	Mx	.000947	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
76	MP2A	X	-2.264	6.5
77	MP2A	Z	0	6.5
78	MP2A	Mx	-.001	6.5
79	MP2B	X	-3.662	6.5
80	MP2B	Z	0	6.5
81	MP2B	Mx	.000916	6.5
82	MP2C	X	-3.662	6.5
83	MP2C	Z	0	6.5
84	MP2C	Mx	.000916	6.5
85	MP1A	X	-5.055	2
86	MP1A	Z	0	2
87	MP1A	Mx	.003	2
88	MP1A	X	-5.055	5
89	MP1A	Z	0	5
90	MP1A	Mx	.003	5
91	MP1B	X	-4.12	2
92	MP1B	Z	0	2
93	MP1B	Mx	-.001	2
94	MP1B	X	-4.12	5
95	MP1B	Z	0	5
96	MP1B	Mx	-.001	5
97	MP1C	X	-4.12	2
98	MP1C	Z	0	2
99	MP1C	Mx	-.001	2
100	MP1C	X	-4.12	5
101	MP1C	Z	0	5
102	MP1C	Mx	-.001	5
103	MP4A	X	-5.055	2
104	MP4A	Z	0	2
105	MP4A	Mx	.003	2
106	MP4A	X	-5.055	5
107	MP4A	Z	0	5
108	MP4A	Mx	.003	5
109	MP4B	X	-4.12	2
110	MP4B	Z	0	2
111	MP4B	Mx	-.001	2
112	MP4B	X	-4.12	5
113	MP4B	Z	0	5
114	MP4B	Mx	-.001	5
115	MP4C	X	-4.12	2
116	MP4C	Z	0	2
117	MP4C	Mx	-.001	2
118	MP4C	X	-4.12	5
119	MP4C	Z	0	5
120	MP4C	Mx	-.001	5
121	M70A	X	-2.102	7
122	M70A	Z	0	7
123	M70A	Mx	-.000175	7
124	M70A	X	-2.102	7
125	M70A	Z	0	7
126	M70A	Mx	.000175	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-7.801	1
2	MP2A	Z	-4.504	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
3	MP2A	Mx	.000898	1
4	MP2A	X	-7.801	6
5	MP2A	Z	-4.504	6
6	MP2A	Mx	.000898	6
7	MP2B	X	-10.505	1
8	MP2B	Z	-6.065	1
9	MP2B	Mx	.008	1
10	MP2B	X	-10.505	6
11	MP2B	Z	-6.065	6
12	MP2B	Mx	.008	6
13	MP2C	X	-7.801	1
14	MP2C	Z	-4.504	1
15	MP2C	Mx	-.007	1
16	MP2C	X	-7.801	6
17	MP2C	Z	-4.504	6
18	MP2C	Mx	-.007	6
19	MP2A	X	-7.801	1
20	MP2A	Z	-4.504	1
21	MP2A	Mx	.007	1
22	MP2A	X	-7.801	6
23	MP2A	Z	-4.504	6
24	MP2A	Mx	.007	6
25	MP2B	X	-10.505	1
26	MP2B	Z	-6.065	1
27	MP2B	Mx	-.008	1
28	MP2B	X	-10.505	6
29	MP2B	Z	-6.065	6
30	MP2B	Mx	-.008	6
31	MP2C	X	-7.801	1
32	MP2C	Z	-4.504	1
33	MP2C	Mx	-.000898	1
34	MP2C	X	-7.801	6
35	MP2C	Z	-4.504	6
36	MP2C	Mx	-.000898	6
37	MP3A	X	-2.298	2.5
38	MP3A	Z	-1.326	2.5
39	MP3A	Mx	.001	2.5
40	MP3A	X	-2.298	4.5
41	MP3A	Z	-1.326	4.5
42	MP3A	Mx	.001	4.5
43	MP3B	X	-4.52	2.5
44	MP3B	Z	-2.61	2.5
45	MP3B	Mx	0	2.5
46	MP3B	X	-4.52	4.5
47	MP3B	Z	-2.61	4.5
48	MP3B	Mx	0	4.5
49	MP3C	X	-2.298	2.5
50	MP3C	Z	-1.326	2.5
51	MP3C	Mx	-.001	2.5
52	MP3C	X	-2.298	4.5
53	MP3C	Z	-1.326	4.5
54	MP3C	Mx	-.001	4.5
55	MP2A	X	-.853	1
56	MP2A	Z	-.493	1
57	MP2A	Mx	.000328	1
58	MP2B	X	-.656	1
59	MP2B	Z	-.379	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
60	MP2B	Mx	.000202	1
61	MP2C	X	-.656	1
62	MP2C	Z	-.379	1
63	MP2C	Mx	.000202	1
64	M74	X	-6.872	1.5
65	M74	Z	-3.968	1.5
66	M74	Mx	0	1.5
67	MP2A	X	-2.692	3.5
68	MP2A	Z	-1.555	3.5
69	MP2A	Mx	-.001	3.5
70	MP2B	X	-3.575	3.5
71	MP2B	Z	-2.064	3.5
72	MP2B	Mx	0	3.5
73	MP2C	X	-2.692	3.5
74	MP2C	Z	-1.555	3.5
75	MP2C	Mx	.001	3.5
76	MP2A	X	-2.364	6.5
77	MP2A	Z	-1.365	6.5
78	MP2A	Mx	-.001	6.5
79	MP2B	X	-3.575	6.5
80	MP2B	Z	-2.064	6.5
81	MP2B	Mx	0	6.5
82	MP2C	X	-2.364	6.5
83	MP2C	Z	-1.365	6.5
84	MP2C	Mx	.001	6.5
85	MP1A	X	-4.108	2
86	MP1A	Z	-2.372	2
87	MP1A	Mx	.002	2
88	MP1A	X	-4.108	5
89	MP1A	Z	-2.372	5
90	MP1A	Mx	.002	5
91	MP1B	X	-3.298	2
92	MP1B	Z	-1.904	2
93	MP1B	Mx	0	2
94	MP1B	X	-3.298	5
95	MP1B	Z	-1.904	5
96	MP1B	Mx	0	5
97	MP1C	X	-4.108	2
98	MP1C	Z	-2.372	2
99	MP1C	Mx	-.002	2
100	MP1C	X	-4.108	5
101	MP1C	Z	-2.372	5
102	MP1C	Mx	-.002	5
103	MP4A	X	-4.108	2
104	MP4A	Z	-2.372	2
105	MP4A	Mx	.002	2
106	MP4A	X	-4.108	5
107	MP4A	Z	-2.372	5
108	MP4A	Mx	.002	5
109	MP4B	X	-3.298	2
110	MP4B	Z	-1.904	2
111	MP4B	Mx	0	2
112	MP4B	X	-3.298	5
113	MP4B	Z	-1.904	5
114	MP4B	Mx	0	5
115	MP4C	X	-4.108	2
116	MP4C	Z	-2.372	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
117	MP4C	Mx	-.002	2
118	MP4C	X	-4.108	5
119	MP4C	Z	-2.372	5
120	MP4C	Mx	-.002	5
121	M70A	X	-1.053	7
122	M70A	Z	-.608	7
123	M70A	Mx	-.000176	7
124	M70A	X	-1.053	7
125	M70A	Z	-.608	7
126	M70A	Mx	.000176	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-5.545	1
2	MP2A	Z	-9.603	1
3	MP2A	Mx	-.004	1
4	MP2A	X	-5.545	6
5	MP2A	Z	-9.603	6
6	MP2A	Mx	-.004	6
7	MP2B	X	-5.545	1
8	MP2B	Z	-9.603	1
9	MP2B	Mx	.009	1
10	MP2B	X	-5.545	6
11	MP2B	Z	-9.603	6
12	MP2B	Mx	.009	6
13	MP2C	X	-3.983	1
14	MP2C	Z	-6.899	1
15	MP2C	Mx	-.004	1
16	MP2C	X	-3.983	6
17	MP2C	Z	-6.899	6
18	MP2C	Mx	-.004	6
19	MP2A	X	-5.545	1
20	MP2A	Z	-9.603	1
21	MP2A	Mx	.009	1
22	MP2A	X	-5.545	6
23	MP2A	Z	-9.603	6
24	MP2A	Mx	.009	6
25	MP2B	X	-5.545	1
26	MP2B	Z	-9.603	1
27	MP2B	Mx	-.004	1
28	MP2B	X	-5.545	6
29	MP2B	Z	-9.603	6
30	MP2B	Mx	-.004	6
31	MP2C	X	-3.983	1
32	MP2C	Z	-6.899	1
33	MP2C	Mx	-.004	1
34	MP2C	X	-3.983	6
35	MP2C	Z	-6.899	6
36	MP2C	Mx	-.004	6
37	MP3A	X	-2.182	2.5
38	MP3A	Z	-3.779	2.5
39	MP3A	Mx	.001	2.5
40	MP3A	X	-2.182	4.5
41	MP3A	Z	-3.779	4.5
42	MP3A	Mx	.001	4.5
43	MP3B	X	-2.182	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
44	MP3B	Z	-3.779	2.5
45	MP3B	Mx	.001	2.5
46	MP3B	X	-2.182	4.5
47	MP3B	Z	-3.779	4.5
48	MP3B	Mx	.001	4.5
49	MP3C	X	-.899	2.5
50	MP3C	Z	-1.557	2.5
51	MP3C	Mx	-.000899	2.5
52	MP3C	X	-.899	4.5
53	MP3C	Z	-1.557	4.5
54	MP3C	Mx	-.000899	4.5
55	MP2A	X	-.455	1
56	MP2A	Z	-.788	1
57	MP2A	Mx	3.5e-5	1
58	MP2B	X	-.341	1
59	MP2B	Z	-.59	1
60	MP2B	Mx	.000341	1
61	MP2C	X	-.341	1
62	MP2C	Z	-.59	1
63	MP2C	Mx	.000341	1
64	M74	X	-4.221	1.5
65	M74	Z	-7.311	1.5
66	M74	Mx	0	1.5
67	MP2A	X	-1.894	3.5
68	MP2A	Z	-3.281	3.5
69	MP2A	Mx	-.000947	3.5
70	MP2B	X	-1.894	3.5
71	MP2B	Z	-3.281	3.5
72	MP2B	Mx	-.000947	3.5
73	MP2C	X	-1.385	3.5
74	MP2C	Z	-2.398	3.5
75	MP2C	Mx	.001	3.5
76	MP2A	X	-1.831	6.5
77	MP2A	Z	-3.171	6.5
78	MP2A	Mx	-.000916	6.5
79	MP2B	X	-1.831	6.5
80	MP2B	Z	-3.171	6.5
81	MP2B	Mx	-.000915	6.5
82	MP2C	X	-1.132	6.5
83	MP2C	Z	-1.96	6.5
84	MP2C	Mx	.001	6.5
85	MP1A	X	-2.06	2
86	MP1A	Z	-3.568	2
87	MP1A	Mx	.001	2
88	MP1A	X	-2.06	5
89	MP1A	Z	-3.568	5
90	MP1A	Mx	.001	5
91	MP1B	X	-2.06	2
92	MP1B	Z	-3.568	2
93	MP1B	Mx	.001	2
94	MP1B	X	-2.06	5
95	MP1B	Z	-3.568	5
96	MP1B	Mx	.001	5
97	MP1C	X	-2.527	2
98	MP1C	Z	-4.378	2
99	MP1C	Mx	-.003	2
100	MP1C	X	-2.527	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
101	MP1C	Z	-4.378	5
102	MP1C	Mx	-.003	5
103	MP4A	X	-2.06	2
104	MP4A	Z	-3.568	2
105	MP4A	Mx	.001	2
106	MP4A	X	-2.06	5
107	MP4A	Z	-3.568	5
108	MP4A	Mx	.001	5
109	MP4B	X	-2.06	2
110	MP4B	Z	-3.568	2
111	MP4B	Mx	.001	2
112	MP4B	X	-2.06	5
113	MP4B	Z	-3.568	5
114	MP4B	Mx	.001	5
115	MP4C	X	-2.527	2
116	MP4C	Z	-4.378	2
117	MP4C	Mx	-.003	2
118	MP4C	X	-2.527	5
119	MP4C	Z	-4.378	5
120	MP4C	Mx	-.003	5
121	M70A	X	-.386	7
122	M70A	Z	-.669	7
123	M70A	Mx	-.000129	7
124	M70A	X	-.386	7
125	M70A	Z	-.669	7
126	M70A	Mx	.000129	7

Member Point Loads (BLC 77 : Lm1)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M35	Y	-500	0

Member Point Loads (BLC 78 : Lm2)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M41	Y	-500	0

Member Point Loads (BLC 79 : Lv1)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M19	Y	-250	0

Member Point Loads (BLC 80 : Lv2)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M19	Y	-250	%50

Member Point Loads (BLC 81 : Antenna Ev)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	Y	-1.344	1
2	MP2A	My	-.000672	1
3	MP2A	Mz	.000896	1
4	MP2A	Y	-1.344	6
5	MP2A	My	-.000672	6
6	MP2A	Mz	.000896	6
7	MP2B	Y	-1.344	1
8	MP2B	My	-.00044	1
9	MP2B	Mz	-.001	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
10	MP2B	Y	-1.344	6
11	MP2B	My	-.00044	6
12	MP2B	Mz	-.001	6
13	MP2C	Y	-1.344	1
14	MP2C	My	.001	1
15	MP2C	Mz	.000134	1
16	MP2C	Y	-1.344	6
17	MP2C	My	.001	6
18	MP2C	Mz	.000134	6
19	MP2A	Y	-1.344	1
20	MP2A	My	-.000672	1
21	MP2A	Mz	-.000896	1
22	MP2A	Y	-1.344	6
23	MP2A	My	-.000672	6
24	MP2A	Mz	-.000896	6
25	MP2B	Y	-1.344	1
26	MP2B	My	.001	1
27	MP2B	Mz	-.000134	1
28	MP2B	Y	-1.344	6
29	MP2B	My	.001	6
30	MP2B	Mz	-.000134	6
31	MP2C	Y	-1.344	1
32	MP2C	My	-.00044	1
33	MP2C	Mz	.001	1
34	MP2C	Y	-1.344	6
35	MP2C	My	-.00044	6
36	MP2C	Mz	.001	6
37	MP3A	Y	-1.849	2.5
38	MP3A	My	-.000924	2.5
39	MP3A	Mz	0	2.5
40	MP3A	Y	-1.849	4.5
41	MP3A	My	-.000924	4.5
42	MP3A	Mz	0	4.5
43	MP3B	Y	-1.849	2.5
44	MP3B	My	.000462	2.5
45	MP3B	Mz	-.000801	2.5
46	MP3B	Y	-1.849	4.5
47	MP3B	My	.000462	4.5
48	MP3B	Mz	-.000801	4.5
49	MP3C	Y	-1.849	2.5
50	MP3C	My	.000462	2.5
51	MP3C	Mz	.000801	2.5
52	MP3C	Y	-1.849	4.5
53	MP3C	My	.000462	4.5
54	MP3C	Mz	.000801	4.5
55	MP2A	Y	-.442	1
56	MP2A	My	-.000238	1
57	MP2A	Mz	.000118	1
58	MP2B	Y	-.442	1
59	MP2B	My	1.7e-5	1
60	MP2B	Mz	-.000265	1
61	MP2C	Y	-.442	1
62	MP2C	My	1.7e-5	1
63	MP2C	Mz	-.000265	1
64	M74	Y	-1.359	1.5
65	M74	My	0	1.5
66	M74	Mz	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
67	MP2A	Y	-3.583	3.5
68	MP2A	My	.002	3.5
69	MP2A	Mz	0	3.5
70	MP2B	Y	-3.583	3.5
71	MP2B	My	-.000896	3.5
72	MP2B	Mz	.002	3.5
73	MP2C	Y	-3.583	3.5
74	MP2C	My	-.000896	3.5
75	MP2C	Mz	-.002	3.5
76	MP2A	Y	-2.984	6.5
77	MP2A	My	.001	6.5
78	MP2A	Mz	0	6.5
79	MP2B	Y	-2.984	6.5
80	MP2B	My	-.000746	6.5
81	MP2B	Mz	.001	6.5
82	MP2C	Y	-2.984	6.5
83	MP2C	My	-.000746	6.5
84	MP2C	Mz	-.001	6.5
85	MP1A	Y	-.212	2
86	MP1A	My	-.000106	2
87	MP1A	Mz	0	2
88	MP1A	Y	-.212	5
89	MP1A	My	-.000106	5
90	MP1A	Mz	0	5
91	MP1B	Y	-.212	2
92	MP1B	My	5.3e-5	2
93	MP1B	Mz	-9.2e-5	2
94	MP1B	Y	-.212	5
95	MP1B	My	5.3e-5	5
96	MP1B	Mz	-9.2e-5	5
97	MP1C	Y	-.212	2
98	MP1C	My	5.3e-5	2
99	MP1C	Mz	9.2e-5	2
100	MP1C	Y	-.212	5
101	MP1C	My	5.3e-5	5
102	MP1C	Mz	9.2e-5	5
103	MP4A	Y	-.212	2
104	MP4A	My	-.000106	2
105	MP4A	Mz	0	2
106	MP4A	Y	-.212	5
107	MP4A	My	-.000106	5
108	MP4A	Mz	0	5
109	MP4B	Y	-.212	2
110	MP4B	My	5.3e-5	2
111	MP4B	Mz	-9.2e-5	2
112	MP4B	Y	-.212	5
113	MP4B	My	5.3e-5	5
114	MP4B	Mz	-9.2e-5	5
115	MP4C	Y	-.212	2
116	MP4C	My	5.3e-5	2
117	MP4C	Mz	9.2e-5	2
118	MP4C	Y	-.212	5
119	MP4C	My	5.3e-5	5
120	MP4C	Mz	9.2e-5	5
121	M70A	Y	-.747	7
122	M70A	My	6.2e-5	7
123	M70A	Mz	.000108	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
124	M70A	Y	-.747	7
125	M70A	My	-6.2e-5	7
126	M70A	Mz	-.000108	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	Z	-3.359	1
2	MP2A	Mx	-.002	1
3	MP2A	Z	-3.359	6
4	MP2A	Mx	-.002	6
5	MP2B	Z	-3.359	1
6	MP2B	Mx	.003	1
7	MP2B	Z	-3.359	6
8	MP2B	Mx	.003	6
9	MP2C	Z	-3.359	1
10	MP2C	Mx	-.000335	1
11	MP2C	Z	-3.359	6
12	MP2C	Mx	-.000335	6
13	MP2A	Z	-3.359	1
14	MP2A	Mx	.002	1
15	MP2A	Z	-3.359	6
16	MP2A	Mx	.002	6
17	MP2B	Z	-3.359	1
18	MP2B	Mx	.000335	1
19	MP2B	Z	-3.359	6
20	MP2B	Mx	.000335	6
21	MP2C	Z	-3.359	1
22	MP2C	Mx	-.003	1
23	MP2C	Z	-3.359	6
24	MP2C	Mx	-.003	6
25	MP3A	Z	-4.622	2.5
26	MP3A	Mx	0	2.5
27	MP3A	Z	-4.622	4.5
28	MP3A	Mx	0	4.5
29	MP3B	Z	-4.622	2.5
30	MP3B	Mx	.002	2.5
31	MP3B	Z	-4.622	4.5
32	MP3B	Mx	.002	4.5
33	MP3C	Z	-4.622	2.5
34	MP3C	Mx	-.002	2.5
35	MP3C	Z	-4.622	4.5
36	MP3C	Mx	-.002	4.5
37	MP2A	Z	-1.104	1
38	MP2A	Mx	-.000294	1
39	MP2B	Z	-1.104	1
40	MP2B	Mx	.000662	1
41	MP2C	Z	-1.104	1
42	MP2C	Mx	.000662	1
43	M74	Z	-3.396	1.5
44	M74	Mx	0	1.5
45	MP2A	Z	-8.958	3.5
46	MP2A	Mx	0	3.5
47	MP2B	Z	-8.958	3.5
48	MP2B	Mx	-.004	3.5
49	MP2C	Z	-8.958	3.5
50	MP2C	Mx	.004	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
51	MP2A	Z	-7.461	6.5
52	MP2A	Mx	0	6.5
53	MP2B	Z	-7.461	6.5
54	MP2B	Mx	-.003	6.5
55	MP2C	Z	-7.461	6.5
56	MP2C	Mx	.003	6.5
57	MP1A	Z	-.531	2
58	MP1A	Mx	0	2
59	MP1A	Z	-.531	5
60	MP1A	Mx	0	5
61	MP1B	Z	-.531	2
62	MP1B	Mx	.00023	2
63	MP1B	Z	-.531	5
64	MP1B	Mx	.00023	5
65	MP1C	Z	-.531	2
66	MP1C	Mx	-.00023	2
67	MP1C	Z	-.531	5
68	MP1C	Mx	-.00023	5
69	MP4A	Z	-.531	2
70	MP4A	Mx	0	2
71	MP4A	Z	-.531	5
72	MP4A	Mx	0	5
73	MP4B	Z	-.531	2
74	MP4B	Mx	.00023	2
75	MP4B	Z	-.531	5
76	MP4B	Mx	.00023	5
77	MP4C	Z	-.531	2
78	MP4C	Mx	-.00023	2
79	MP4C	Z	-.531	5
80	MP4C	Mx	-.00023	5
81	M70A	Z	-1.868	7
82	M70A	Mx	-.00027	7
83	M70A	Z	-1.868	7
84	M70A	Mx	.00027	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	3.359	1
2	MP2A	Mx	-.002	1
3	MP2A	X	3.359	6
4	MP2A	Mx	-.002	6
5	MP2B	X	3.359	1
6	MP2B	Mx	-.001	1
7	MP2B	X	3.359	6
8	MP2B	Mx	-.001	6
9	MP2C	X	3.359	1
10	MP2C	Mx	.003	1
11	MP2C	X	3.359	6
12	MP2C	Mx	.003	6
13	MP2A	X	3.359	1
14	MP2A	Mx	-.002	1
15	MP2A	X	3.359	6
16	MP2A	Mx	-.002	6
17	MP2B	X	3.359	1
18	MP2B	Mx	.003	1
19	MP2B	X	3.359	6

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
20	MP2B	Mx	.003	6
21	MP2C	X	3.359	1
22	MP2C	Mx	-.001	1
23	MP2C	X	3.359	6
24	MP2C	Mx	-.001	6
25	MP3A	X	4.622	2.5
26	MP3A	Mx	-.002	2.5
27	MP3A	X	4.622	4.5
28	MP3A	Mx	-.002	4.5
29	MP3B	X	4.622	2.5
30	MP3B	Mx	.001	2.5
31	MP3B	X	4.622	4.5
32	MP3B	Mx	.001	4.5
33	MP3C	X	4.622	2.5
34	MP3C	Mx	.001	2.5
35	MP3C	X	4.622	4.5
36	MP3C	Mx	.001	4.5
37	MP2A	X	1.104	1
38	MP2A	Mx	-.000595	1
39	MP2B	X	1.104	1
40	MP2B	Mx	4.3e-5	1
41	MP2C	X	1.104	1
42	MP2C	Mx	4.3e-5	1
43	M74	X	3.396	1.5
44	M74	Mx	0	1.5
45	MP2A	X	8.958	3.5
46	MP2A	Mx	.004	3.5
47	MP2B	X	8.958	3.5
48	MP2B	Mx	-.002	3.5
49	MP2C	X	8.958	3.5
50	MP2C	Mx	-.002	3.5
51	MP2A	X	7.461	6.5
52	MP2A	Mx	.004	6.5
53	MP2B	X	7.461	6.5
54	MP2B	Mx	-.002	6.5
55	MP2C	X	7.461	6.5
56	MP2C	Mx	-.002	6.5
57	MP1A	X	.531	2
58	MP1A	Mx	-.000265	2
59	MP1A	X	.531	5
60	MP1A	Mx	-.000265	5
61	MP1B	X	.531	2
62	MP1B	Mx	.000133	2
63	MP1B	X	.531	5
64	MP1B	Mx	.000133	5
65	MP1C	X	.531	2
66	MP1C	Mx	.000133	2
67	MP1C	X	.531	5
68	MP1C	Mx	.000133	5
69	MP4A	X	.531	2
70	MP4A	Mx	-.000265	2
71	MP4A	X	.531	5
72	MP4A	Mx	-.000265	5
73	MP4B	X	.531	2
74	MP4B	Mx	.000133	2
75	MP4B	X	.531	5
76	MP4B	Mx	.000133	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
77	MP4C	X	.531	2
78	MP4C	Mx	.000133	2
79	MP4C	X	.531	5
80	MP4C	Mx	.000133	5
81	M70A	X	1.868	7
82	M70A	Mx	.000156	7
83	M70A	X	1.868	7
84	M70A	Mx	-.000156	7

Joint Loads and Enforced Displacements

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

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	-9.649	-9.649	0	%100
2	M4	Y	-10.164	-10.164	0	%100
3	M7	Y	-5.92	-5.92	0	%100
4	M7A	Y	-9.649	-9.649	0	%100
5	M8	Y	-5.92	-5.92	0	%100
6	M7B	Y	-9.649	-9.649	0	%100
7	M9	Y	-10.164	-10.164	0	%100
8	M10	Y	-5.92	-5.92	0	%100
9	M11	Y	-9.649	-9.649	0	%100
10	M12	Y	-5.92	-5.92	0	%100
11	M13	Y	-9.649	-9.649	0	%100
12	M15	Y	-10.164	-10.164	0	%100
13	M16	Y	-5.92	-5.92	0	%100
14	M17	Y	-9.649	-9.649	0	%100
15	M18	Y	-5.92	-5.92	0	%100
16	M19	Y	-9.14	-9.14	0	%100
17	M20	Y	-9.14	-9.14	0	%100
18	M21	Y	-9.14	-9.14	0	%100
19	M22	Y	-5.71	-5.71	0	%100
20	MP1A	Y	-5.003	-5.003	0	%100
21	MP3A	Y	-5.003	-5.003	0	%100
22	MP4A	Y	-5.003	-5.003	0	%100
23	MP2A	Y	-5.71	-5.71	0	%100
24	MP1C	Y	-5.003	-5.003	0	%100
25	MP4C	Y	-5.003	-5.003	0	%100
26	MP1B	Y	-5.003	-5.003	0	%100
27	MP4B	Y	-5.003	-5.003	0	%100
28	M74	Y	-5.003	-5.003	0	%100
29	M70A	Y	-5.71	-5.71	0	%100
30	M71A	Y	-5.71	-5.71	0	%100
31	M78	Y	-7.647	-7.647	0	%100
32	M79	Y	-7.647	-7.647	0	%100
33	M80	Y	-7.647	-7.647	0	%100
34	M81	Y	-10.665	-10.665	0	%100
35	M82	Y	-10.665	-10.665	0	%100
36	M83	Y	-10.665	-10.665	0	%100
37	MP3C	Y	-5.003	-5.003	0	%100
38	MP2C	Y	-5.71	-5.71	0	%100
39	MP3B	Y	-5.003	-5.003	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,%]
40	MP2B	Y	-5.71	-5.71	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	0	0	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	-2.125	-2.125	0	%100
5	M7	X	0	0	0	%100
6	M7	Z	-12.727	-12.727	0	%100
7	M7A	X	0	0	0	%100
8	M7A	Z	-24.848	-24.848	0	%100
9	M8	X	0	0	0	%100
10	M8	Z	-12.727	-12.727	0	%100
11	M7B	X	0	0	0	%100
12	M7B	Z	-11.968	-11.968	0	%100
13	M9	X	0	0	0	%100
14	M9	Z	-.531	-.531	0	%100
15	M10	X	0	0	0	%100
16	M10	Z	-3.182	-3.182	0	%100
17	M11	X	0	0	0	%100
18	M11	Z	-6.212	-6.212	0	%100
19	M12	X	0	0	0	%100
20	M12	Z	-3.182	-3.182	0	%100
21	M13	X	0	0	0	%100
22	M13	Z	-11.968	-11.968	0	%100
23	M15	X	0	0	0	%100
24	M15	Z	-.531	-.531	0	%100
25	M16	X	0	0	0	%100
26	M16	Z	-3.182	-3.182	0	%100
27	M17	X	0	0	0	%100
28	M17	Z	-6.212	-6.212	0	%100
29	M18	X	0	0	0	%100
30	M18	Z	-3.182	-3.182	0	%100
31	M19	X	0	0	0	%100
32	M19	Z	-35.353	-35.353	0	%100
33	M20	X	0	0	0	%100
34	M20	Z	-8.838	-8.838	0	%100
35	M21	X	0	0	0	%100
36	M21	Z	-8.838	-8.838	0	%100
37	M22	X	0	0	0	%100
38	M22	Z	-12.197	-12.197	0	%100
39	MP1A	X	0	0	0	%100
40	MP1A	Z	-10.075	-10.075	0	%100
41	MP3A	X	0	0	0	%100
42	MP3A	Z	-10.075	-10.075	0	%100
43	MP4A	X	0	0	0	%100
44	MP4A	Z	-10.075	-10.075	0	%100
45	MP2A	X	0	0	0	%100
46	MP2A	Z	-12.197	-12.197	0	%100
47	MP1C	X	0	0	0	%100
48	MP1C	Z	-10.075	-10.075	0	%100
49	MP4C	X	0	0	0	%100
50	MP4C	Z	-10.075	-10.075	0	%100
51	MP1B	X	0	0	0	%100
52	MP1B	Z	-10.075	-10.075	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,%]
53	MP4B	X	0	0	0	%100
54	MP4B	Z	-10.075	-10.075	0	%100
55	M74	X	0	0	0	%100
56	M74	Z	-8.239	-8.239	0	%100
57	M70A	X	0	0	0	%100
58	M70A	Z	-3.049	-3.049	0	%100
59	M71A	X	0	0	0	%100
60	M71A	Z	-3.049	-3.049	0	%100
61	M78	X	0	0	0	%100
62	M78	Z	-3.646	-3.646	0	%100
63	M79	X	0	0	0	%100
64	M79	Z	-14.586	-14.586	0	%100
65	M80	X	0	0	0	%100
66	M80	Z	-3.646	-3.646	0	%100
67	M81	X	0	0	0	%100
68	M81	Z	-11.729	-11.729	0	%100
69	M82	X	0	0	0	%100
70	M82	Z	-17.586	-17.586	0	%100
71	M83	X	0	0	0	%100
72	M83	Z	-17.586	-17.586	0	%100
73	MP3C	X	0	0	0	%100
74	MP3C	Z	-10.075	-10.075	0	%100
75	MP2C	X	0	0	0	%100
76	MP2C	Z	-12.197	-12.197	0	%100
77	MP3B	X	0	0	0	%100
78	MP3B	Z	-10.075	-10.075	0	%100
79	MP2B	X	0	0	0	%100
80	MP2B	Z	-12.197	-12.197	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	1.995	1.995	0	%100
2	M1	Z	-3.455	-3.455	0	%100
3	M4	X	.797	.797	0	%100
4	M4	Z	-1.38	-1.38	0	%100
5	M7	X	4.773	4.773	0	%100
6	M7	Z	-8.266	-8.266	0	%100
7	M7A	X	9.318	9.318	0	%100
8	M7A	Z	-16.139	-16.139	0	%100
9	M8	X	4.773	4.773	0	%100
10	M8	Z	-8.266	-8.266	0	%100
11	M7B	X	1.995	1.995	0	%100
12	M7B	Z	-3.455	-3.455	0	%100
13	M9	X	.797	.797	0	%100
14	M9	Z	-1.38	-1.38	0	%100
15	M10	X	4.773	4.773	0	%100
16	M10	Z	-8.266	-8.266	0	%100
17	M11	X	9.318	9.318	0	%100
18	M11	Z	-16.139	-16.139	0	%100
19	M12	X	4.773	4.773	0	%100
20	M12	Z	-8.266	-8.266	0	%100
21	M13	X	7.979	7.979	0	%100
22	M13	Z	-13.82	-13.82	0	%100
23	M15	X	0	0	0	%100
24	M15	Z	0	0	0	%100
25	M16	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,%]
26	M16	Z	0	0	0	%100
27	M17	X	0	0	0	%100
28	M17	Z	0	0	0	%100
29	M18	X	0	0	0	%100
30	M18	Z	0	0	0	%100
31	M19	X	13.257	13.257	0	%100
32	M19	Z	-22.962	-22.962	0	%100
33	M20	X	13.257	13.257	0	%100
34	M20	Z	-22.962	-22.962	0	%100
35	M21	X	0	0	0	%100
36	M21	Z	0	0	0	%100
37	M22	X	4.574	4.574	0	%100
38	M22	Z	-7.922	-7.922	0	%100
39	MP1A	X	5.038	5.038	0	%100
40	MP1A	Z	-8.726	-8.726	0	%100
41	MP3A	X	5.038	5.038	0	%100
42	MP3A	Z	-8.726	-8.726	0	%100
43	MP4A	X	5.038	5.038	0	%100
44	MP4A	Z	-8.726	-8.726	0	%100
45	MP2A	X	6.098	6.098	0	%100
46	MP2A	Z	-10.563	-10.563	0	%100
47	MP1C	X	5.038	5.038	0	%100
48	MP1C	Z	-8.726	-8.726	0	%100
49	MP4C	X	5.038	5.038	0	%100
50	MP4C	Z	-8.726	-8.726	0	%100
51	MP1B	X	5.038	5.038	0	%100
52	MP1B	Z	-8.726	-8.726	0	%100
53	MP4B	X	5.038	5.038	0	%100
54	MP4B	Z	-8.726	-8.726	0	%100
55	M74	X	4.12	4.12	0	%100
56	M74	Z	-7.135	-7.135	0	%100
57	M70A	X	4.574	4.574	0	%100
58	M70A	Z	-7.922	-7.922	0	%100
59	M71A	X	0	0	0	%100
60	M71A	Z	0	0	0	%100
61	M78	X	5.47	5.47	0	%100
62	M78	Z	-9.474	-9.474	0	%100
63	M79	X	5.47	5.47	0	%100
64	M79	Z	-9.474	-9.474	0	%100
65	M80	X	0	0	0	%100
66	M80	Z	0	0	0	%100
67	M81	X	6.841	6.841	0	%100
68	M81	Z	-11.848	-11.848	0	%100
69	M82	X	6.841	6.841	0	%100
70	M82	Z	-11.848	-11.848	0	%100
71	M83	X	9.769	9.769	0	%100
72	M83	Z	-16.921	-16.921	0	%100
73	MP3C	X	5.038	5.038	0	%100
74	MP3C	Z	-8.726	-8.726	0	%100
75	MP2C	X	6.098	6.098	0	%100
76	MP2C	Z	-10.563	-10.563	0	%100
77	MP3B	X	5.038	5.038	0	%100
78	MP3B	Z	-8.726	-8.726	0	%100
79	MP2B	X	6.098	6.098	0	%100
80	MP2B	Z	-10.563	-10.563	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	10.365	10.365	0	%100
2	M1	Z	-5.984	-5.984	0	%100
3	M4	X	.46	.46	0	%100
4	M4	Z	-.266	-.266	0	%100
5	M7	X	2.755	2.755	0	%100
6	M7	Z	-1.591	-1.591	0	%100
7	M7A	X	5.38	5.38	0	%100
8	M7A	Z	-3.106	-3.106	0	%100
9	M8	X	2.755	2.755	0	%100
10	M8	Z	-1.591	-1.591	0	%100
11	M7B	X	0	0	0	%100
12	M7B	Z	0	0	0	%100
13	M9	X	1.84	1.84	0	%100
14	M9	Z	-1.063	-1.063	0	%100
15	M10	X	11.022	11.022	0	%100
16	M10	Z	-6.363	-6.363	0	%100
17	M11	X	21.519	21.519	0	%100
18	M11	Z	-12.424	-12.424	0	%100
19	M12	X	11.022	11.022	0	%100
20	M12	Z	-6.363	-6.363	0	%100
21	M13	X	10.365	10.365	0	%100
22	M13	Z	-5.984	-5.984	0	%100
23	M15	X	.46	.46	0	%100
24	M15	Z	-.266	-.266	0	%100
25	M16	X	2.755	2.755	0	%100
26	M16	Z	-1.591	-1.591	0	%100
27	M17	X	5.38	5.38	0	%100
28	M17	Z	-3.106	-3.106	0	%100
29	M18	X	2.755	2.755	0	%100
30	M18	Z	-1.591	-1.591	0	%100
31	M19	X	7.654	7.654	0	%100
32	M19	Z	-4.419	-4.419	0	%100
33	M20	X	30.616	30.616	0	%100
34	M20	Z	-17.676	-17.676	0	%100
35	M21	X	7.654	7.654	0	%100
36	M21	Z	-4.419	-4.419	0	%100
37	M22	X	2.641	2.641	0	%100
38	M22	Z	-1.525	-1.525	0	%100
39	MP1A	X	8.726	8.726	0	%100
40	MP1A	Z	-5.038	-5.038	0	%100
41	MP3A	X	8.726	8.726	0	%100
42	MP3A	Z	-5.038	-5.038	0	%100
43	MP4A	X	8.726	8.726	0	%100
44	MP4A	Z	-5.038	-5.038	0	%100
45	MP2A	X	10.563	10.563	0	%100
46	MP2A	Z	-6.098	-6.098	0	%100
47	MP1C	X	8.726	8.726	0	%100
48	MP1C	Z	-5.038	-5.038	0	%100
49	MP4C	X	8.726	8.726	0	%100
50	MP4C	Z	-5.038	-5.038	0	%100
51	MP1B	X	8.726	8.726	0	%100
52	MP1B	Z	-5.038	-5.038	0	%100
53	MP4B	X	8.726	8.726	0	%100
54	MP4B	Z	-5.038	-5.038	0	%100
55	M74	X	7.135	7.135	0	%100
56	M74	Z	-4.12	-4.12	0	%100
57	M70A	X	10.563	10.563	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,%]
58	M70A	Z	-6.098	-6.098	0	%100
59	M71A	X	2.641	2.641	0	%100
60	M71A	Z	-1.525	-1.525	0	%100
61	M78	X	12.632	12.632	0	%100
62	M78	Z	-7.293	-7.293	0	%100
63	M79	X	3.158	3.158	0	%100
64	M79	Z	-1.823	-1.823	0	%100
65	M80	X	3.158	3.158	0	%100
66	M80	Z	-1.823	-1.823	0	%100
67	M81	X	15.23	15.23	0	%100
68	M81	Z	-8.793	-8.793	0	%100
69	M82	X	10.158	10.158	0	%100
70	M82	Z	-5.865	-5.865	0	%100
71	M83	X	15.23	15.23	0	%100
72	M83	Z	-8.793	-8.793	0	%100
73	MP3C	X	8.726	8.726	0	%100
74	MP3C	Z	-5.038	-5.038	0	%100
75	MP2C	X	10.563	10.563	0	%100
76	MP2C	Z	-6.098	-6.098	0	%100
77	MP3B	X	8.726	8.726	0	%100
78	MP3B	Z	-5.038	-5.038	0	%100
79	MP2B	X	10.563	10.563	0	%100
80	MP2B	Z	-6.098	-6.098	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	15.958	15.958	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M7	X	0	0	0	%100
6	M7	Z	0	0	0	%100
7	M7A	X	0	0	0	%100
8	M7A	Z	0	0	0	%100
9	M8	X	0	0	0	%100
10	M8	Z	0	0	0	%100
11	M7B	X	3.989	3.989	0	%100
12	M7B	Z	0	0	0	%100
13	M9	X	1.594	1.594	0	%100
14	M9	Z	0	0	0	%100
15	M10	X	9.545	9.545	0	%100
16	M10	Z	0	0	0	%100
17	M11	X	18.636	18.636	0	%100
18	M11	Z	0	0	0	%100
19	M12	X	9.545	9.545	0	%100
20	M12	Z	0	0	0	%100
21	M13	X	3.989	3.989	0	%100
22	M13	Z	0	0	0	%100
23	M15	X	1.594	1.594	0	%100
24	M15	Z	0	0	0	%100
25	M16	X	9.545	9.545	0	%100
26	M16	Z	0	0	0	%100
27	M17	X	18.636	18.636	0	%100
28	M17	Z	0	0	0	%100
29	M18	X	9.545	9.545	0	%100
30	M18	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,%]
31	M19	X	0	0	0	%100
32	M19	Z	0	0	0	%100
33	M20	X	26.514	26.514	0	%100
34	M20	Z	0	0	0	%100
35	M21	X	26.514	26.514	0	%100
36	M21	Z	0	0	0	%100
37	M22	X	0	0	0	%100
38	M22	Z	0	0	0	%100
39	MP1A	X	10.075	10.075	0	%100
40	MP1A	Z	0	0	0	%100
41	MP3A	X	10.075	10.075	0	%100
42	MP3A	Z	0	0	0	%100
43	MP4A	X	10.075	10.075	0	%100
44	MP4A	Z	0	0	0	%100
45	MP2A	X	12.197	12.197	0	%100
46	MP2A	Z	0	0	0	%100
47	MP1C	X	10.075	10.075	0	%100
48	MP1C	Z	0	0	0	%100
49	MP4C	X	10.075	10.075	0	%100
50	MP4C	Z	0	0	0	%100
51	MP1B	X	10.075	10.075	0	%100
52	MP1B	Z	0	0	0	%100
53	MP4B	X	10.075	10.075	0	%100
54	MP4B	Z	0	0	0	%100
55	M74	X	8.239	8.239	0	%100
56	M74	Z	0	0	0	%100
57	M70A	X	9.147	9.147	0	%100
58	M70A	Z	0	0	0	%100
59	M71A	X	9.147	9.147	0	%100
60	M71A	Z	0	0	0	%100
61	M78	X	10.939	10.939	0	%100
62	M78	Z	0	0	0	%100
63	M79	X	0	0	0	%100
64	M79	Z	0	0	0	%100
65	M80	X	10.939	10.939	0	%100
66	M80	Z	0	0	0	%100
67	M81	X	19.539	19.539	0	%100
68	M81	Z	0	0	0	%100
69	M82	X	13.681	13.681	0	%100
70	M82	Z	0	0	0	%100
71	M83	X	13.681	13.681	0	%100
72	M83	Z	0	0	0	%100
73	MP3C	X	10.075	10.075	0	%100
74	MP3C	Z	0	0	0	%100
75	MP2C	X	12.197	12.197	0	%100
76	MP2C	Z	0	0	0	%100
77	MP3B	X	10.075	10.075	0	%100
78	MP3B	Z	0	0	0	%100
79	MP2B	X	12.197	12.197	0	%100
80	MP2B	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	10.365	10.365	0	%100
2	M1	Z	5.984	5.984	0	%100
3	M4	X	.46	.46	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,%]
4	M4	Z	.266	.266	0	%100
5	M7	X	2.755	2.755	0	%100
6	M7	Z	1.591	1.591	0	%100
7	M7A	X	5.38	5.38	0	%100
8	M7A	Z	3.106	3.106	0	%100
9	M8	X	2.755	2.755	0	%100
10	M8	Z	1.591	1.591	0	%100
11	M7B	X	10.365	10.365	0	%100
12	M7B	Z	5.984	5.984	0	%100
13	M9	X	.46	.46	0	%100
14	M9	Z	.266	.266	0	%100
15	M10	X	2.755	2.755	0	%100
16	M10	Z	1.591	1.591	0	%100
17	M11	X	5.38	5.38	0	%100
18	M11	Z	3.106	3.106	0	%100
19	M12	X	2.755	2.755	0	%100
20	M12	Z	1.591	1.591	0	%100
21	M13	X	0	0	0	%100
22	M13	Z	0	0	0	%100
23	M15	X	1.84	1.84	0	%100
24	M15	Z	1.063	1.063	0	%100
25	M16	X	11.022	11.022	0	%100
26	M16	Z	6.363	6.363	0	%100
27	M17	X	21.519	21.519	0	%100
28	M17	Z	12.424	12.424	0	%100
29	M18	X	11.022	11.022	0	%100
30	M18	Z	6.363	6.363	0	%100
31	M19	X	7.654	7.654	0	%100
32	M19	Z	4.419	4.419	0	%100
33	M20	X	7.654	7.654	0	%100
34	M20	Z	4.419	4.419	0	%100
35	M21	X	30.616	30.616	0	%100
36	M21	Z	17.676	17.676	0	%100
37	M22	X	2.641	2.641	0	%100
38	M22	Z	1.525	1.525	0	%100
39	MP1A	X	8.726	8.726	0	%100
40	MP1A	Z	5.038	5.038	0	%100
41	MP3A	X	8.726	8.726	0	%100
42	MP3A	Z	5.038	5.038	0	%100
43	MP4A	X	8.726	8.726	0	%100
44	MP4A	Z	5.038	5.038	0	%100
45	MP2A	X	10.563	10.563	0	%100
46	MP2A	Z	6.098	6.098	0	%100
47	MP1C	X	8.726	8.726	0	%100
48	MP1C	Z	5.038	5.038	0	%100
49	MP4C	X	8.726	8.726	0	%100
50	MP4C	Z	5.038	5.038	0	%100
51	MP1B	X	8.726	8.726	0	%100
52	MP1B	Z	5.038	5.038	0	%100
53	MP4B	X	8.726	8.726	0	%100
54	MP4B	Z	5.038	5.038	0	%100
55	M74	X	7.135	7.135	0	%100
56	M74	Z	4.12	4.12	0	%100
57	M70A	X	2.641	2.641	0	%100
58	M70A	Z	1.525	1.525	0	%100
59	M71A	X	10.563	10.563	0	%100
60	M71A	Z	6.098	6.098	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,%]
61	M78	X	3.158	3.158	0	%100
62	M78	Z	1.823	1.823	0	%100
63	M79	X	3.158	3.158	0	%100
64	M79	Z	1.823	1.823	0	%100
65	M80	X	12.632	12.632	0	%100
66	M80	Z	7.293	7.293	0	%100
67	M81	X	15.23	15.23	0	%100
68	M81	Z	8.793	8.793	0	%100
69	M82	X	15.23	15.23	0	%100
70	M82	Z	8.793	8.793	0	%100
71	M83	X	10.158	10.158	0	%100
72	M83	Z	5.865	5.865	0	%100
73	MP3C	X	8.726	8.726	0	%100
74	MP3C	Z	5.038	5.038	0	%100
75	MP2C	X	10.563	10.563	0	%100
76	MP2C	Z	6.098	6.098	0	%100
77	MP3B	X	8.726	8.726	0	%100
78	MP3B	Z	5.038	5.038	0	%100
79	MP2B	X	10.563	10.563	0	%100
80	MP2B	Z	6.098	6.098	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M1	X	1.995	1.995	0	%100
2	M1	Z	3.455	3.455	0	%100
3	M4	X	.797	.797	0	%100
4	M4	Z	1.38	1.38	0	%100
5	M7	X	4.773	4.773	0	%100
6	M7	Z	8.266	8.266	0	%100
7	M7A	X	9.318	9.318	0	%100
8	M7A	Z	16.139	16.139	0	%100
9	M8	X	4.773	4.773	0	%100
10	M8	Z	8.266	8.266	0	%100
11	M7B	X	7.979	7.979	0	%100
12	M7B	Z	13.82	13.82	0	%100
13	M9	X	0	0	0	%100
14	M9	Z	0	0	0	%100
15	M10	X	0	0	0	%100
16	M10	Z	0	0	0	%100
17	M11	X	0	0	0	%100
18	M11	Z	0	0	0	%100
19	M12	X	0	0	0	%100
20	M12	Z	0	0	0	%100
21	M13	X	1.995	1.995	0	%100
22	M13	Z	3.455	3.455	0	%100
23	M15	X	.797	.797	0	%100
24	M15	Z	1.38	1.38	0	%100
25	M16	X	4.773	4.773	0	%100
26	M16	Z	8.266	8.266	0	%100
27	M17	X	9.318	9.318	0	%100
28	M17	Z	16.139	16.139	0	%100
29	M18	X	4.773	4.773	0	%100
30	M18	Z	8.266	8.266	0	%100
31	M19	X	13.257	13.257	0	%100
32	M19	Z	22.962	22.962	0	%100
33	M20	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
34	M20	Z	0	0	0	%100
35	M21	X	13.257	13.257	0	%100
36	M21	Z	22.962	22.962	0	%100
37	M22	X	4.574	4.574	0	%100
38	M22	Z	7.922	7.922	0	%100
39	MP1A	X	5.038	5.038	0	%100
40	MP1A	Z	8.726	8.726	0	%100
41	MP3A	X	5.038	5.038	0	%100
42	MP3A	Z	8.726	8.726	0	%100
43	MP4A	X	5.038	5.038	0	%100
44	MP4A	Z	8.726	8.726	0	%100
45	MP2A	X	6.098	6.098	0	%100
46	MP2A	Z	10.563	10.563	0	%100
47	MP1C	X	5.038	5.038	0	%100
48	MP1C	Z	8.726	8.726	0	%100
49	MP4C	X	5.038	5.038	0	%100
50	MP4C	Z	8.726	8.726	0	%100
51	MP1B	X	5.038	5.038	0	%100
52	MP1B	Z	8.726	8.726	0	%100
53	MP4B	X	5.038	5.038	0	%100
54	MP4B	Z	8.726	8.726	0	%100
55	M74	X	4.12	4.12	0	%100
56	M74	Z	7.135	7.135	0	%100
57	M70A	X	0	0	0	%100
58	M70A	Z	0	0	0	%100
59	M71A	X	4.574	4.574	0	%100
60	M71A	Z	7.922	7.922	0	%100
61	M78	X	0	0	0	%100
62	M78	Z	0	0	0	%100
63	M79	X	5.47	5.47	0	%100
64	M79	Z	9.474	9.474	0	%100
65	M80	X	5.47	5.47	0	%100
66	M80	Z	9.474	9.474	0	%100
67	M81	X	6.841	6.841	0	%100
68	M81	Z	11.848	11.848	0	%100
69	M82	X	9.769	9.769	0	%100
70	M82	Z	16.921	16.921	0	%100
71	M83	X	6.841	6.841	0	%100
72	M83	Z	11.848	11.848	0	%100
73	MP3C	X	5.038	5.038	0	%100
74	MP3C	Z	8.726	8.726	0	%100
75	MP2C	X	6.098	6.098	0	%100
76	MP2C	Z	10.563	10.563	0	%100
77	MP3B	X	5.038	5.038	0	%100
78	MP3B	Z	8.726	8.726	0	%100
79	MP2B	X	6.098	6.098	0	%100
80	MP2B	Z	10.563	10.563	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	0	0	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	2.125	2.125	0	%100
5	M7	X	0	0	0	%100
6	M7	Z	12.727	12.727	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,%]
7	M7A	X	0	0	0	%100
8	M7A	Z	24.848	24.848	0	%100
9	M8	X	0	0	0	%100
10	M8	Z	12.727	12.727	0	%100
11	M7B	X	0	0	0	%100
12	M7B	Z	11.968	11.968	0	%100
13	M9	X	0	0	0	%100
14	M9	Z	.531	.531	0	%100
15	M10	X	0	0	0	%100
16	M10	Z	3.182	3.182	0	%100
17	M11	X	0	0	0	%100
18	M11	Z	6.212	6.212	0	%100
19	M12	X	0	0	0	%100
20	M12	Z	3.182	3.182	0	%100
21	M13	X	0	0	0	%100
22	M13	Z	11.968	11.968	0	%100
23	M15	X	0	0	0	%100
24	M15	Z	.531	.531	0	%100
25	M16	X	0	0	0	%100
26	M16	Z	3.182	3.182	0	%100
27	M17	X	0	0	0	%100
28	M17	Z	6.212	6.212	0	%100
29	M18	X	0	0	0	%100
30	M18	Z	3.182	3.182	0	%100
31	M19	X	0	0	0	%100
32	M19	Z	35.353	35.353	0	%100
33	M20	X	0	0	0	%100
34	M20	Z	8.838	8.838	0	%100
35	M21	X	0	0	0	%100
36	M21	Z	8.838	8.838	0	%100
37	M22	X	0	0	0	%100
38	M22	Z	12.197	12.197	0	%100
39	MP1A	X	0	0	0	%100
40	MP1A	Z	10.075	10.075	0	%100
41	MP3A	X	0	0	0	%100
42	MP3A	Z	10.075	10.075	0	%100
43	MP4A	X	0	0	0	%100
44	MP4A	Z	10.075	10.075	0	%100
45	MP2A	X	0	0	0	%100
46	MP2A	Z	12.197	12.197	0	%100
47	MP1C	X	0	0	0	%100
48	MP1C	Z	10.075	10.075	0	%100
49	MP4C	X	0	0	0	%100
50	MP4C	Z	10.075	10.075	0	%100
51	MP1B	X	0	0	0	%100
52	MP1B	Z	10.075	10.075	0	%100
53	MP4B	X	0	0	0	%100
54	MP4B	Z	10.075	10.075	0	%100
55	M74	X	0	0	0	%100
56	M74	Z	8.239	8.239	0	%100
57	M70A	X	0	0	0	%100
58	M70A	Z	3.049	3.049	0	%100
59	M71A	X	0	0	0	%100
60	M71A	Z	3.049	3.049	0	%100
61	M78	X	0	0	0	%100
62	M78	Z	3.646	3.646	0	%100
63	M79	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,%]
64	M79	Z	14.586	14.586	0	%100
65	M80	X	0	0	0	%100
66	M80	Z	3.646	3.646	0	%100
67	M81	X	0	0	0	%100
68	M81	Z	11.729	11.729	0	%100
69	M82	X	0	0	0	%100
70	M82	Z	17.586	17.586	0	%100
71	M83	X	0	0	0	%100
72	M83	Z	17.586	17.586	0	%100
73	MP3C	X	0	0	0	%100
74	MP3C	Z	10.075	10.075	0	%100
75	MP2C	X	0	0	0	%100
76	MP2C	Z	12.197	12.197	0	%100
77	MP3B	X	0	0	0	%100
78	MP3B	Z	10.075	10.075	0	%100
79	MP2B	X	0	0	0	%100
80	MP2B	Z	12.197	12.197	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	-1.995	-1.995	0	%100
2	M1	Z	3.455	3.455	0	%100
3	M4	X	-.797	-.797	0	%100
4	M4	Z	1.38	1.38	0	%100
5	M7	X	-4.773	-4.773	0	%100
6	M7	Z	8.266	8.266	0	%100
7	M7A	X	-9.318	-9.318	0	%100
8	M7A	Z	16.139	16.139	0	%100
9	M8	X	-4.773	-4.773	0	%100
10	M8	Z	8.266	8.266	0	%100
11	M7B	X	-1.995	-1.995	0	%100
12	M7B	Z	3.455	3.455	0	%100
13	M9	X	-.797	-.797	0	%100
14	M9	Z	1.38	1.38	0	%100
15	M10	X	-4.773	-4.773	0	%100
16	M10	Z	8.266	8.266	0	%100
17	M11	X	-9.318	-9.318	0	%100
18	M11	Z	16.139	16.139	0	%100
19	M12	X	-4.773	-4.773	0	%100
20	M12	Z	8.266	8.266	0	%100
21	M13	X	-7.979	-7.979	0	%100
22	M13	Z	13.82	13.82	0	%100
23	M15	X	0	0	0	%100
24	M15	Z	0	0	0	%100
25	M16	X	0	0	0	%100
26	M16	Z	0	0	0	%100
27	M17	X	0	0	0	%100
28	M17	Z	0	0	0	%100
29	M18	X	0	0	0	%100
30	M18	Z	0	0	0	%100
31	M19	X	-13.257	-13.257	0	%100
32	M19	Z	22.962	22.962	0	%100
33	M20	X	-13.257	-13.257	0	%100
34	M20	Z	22.962	22.962	0	%100
35	M21	X	0	0	0	%100
36	M21	Z	0	0	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,%]
37	M22	X	-4.574	-4.574	0	%100
38	M22	Z	7.922	7.922	0	%100
39	MP1A	X	-5.038	-5.038	0	%100
40	MP1A	Z	8.726	8.726	0	%100
41	MP3A	X	-5.038	-5.038	0	%100
42	MP3A	Z	8.726	8.726	0	%100
43	MP4A	X	-5.038	-5.038	0	%100
44	MP4A	Z	8.726	8.726	0	%100
45	MP2A	X	-6.098	-6.098	0	%100
46	MP2A	Z	10.563	10.563	0	%100
47	MP1C	X	-5.038	-5.038	0	%100
48	MP1C	Z	8.726	8.726	0	%100
49	MP4C	X	-5.038	-5.038	0	%100
50	MP4C	Z	8.726	8.726	0	%100
51	MP1B	X	-5.038	-5.038	0	%100
52	MP1B	Z	8.726	8.726	0	%100
53	MP4B	X	-5.038	-5.038	0	%100
54	MP4B	Z	8.726	8.726	0	%100
55	M74	X	-4.12	-4.12	0	%100
56	M74	Z	7.135	7.135	0	%100
57	M70A	X	-4.574	-4.574	0	%100
58	M70A	Z	7.922	7.922	0	%100
59	M71A	X	0	0	0	%100
60	M71A	Z	0	0	0	%100
61	M78	X	-5.47	-5.47	0	%100
62	M78	Z	9.474	9.474	0	%100
63	M79	X	-5.47	-5.47	0	%100
64	M79	Z	9.474	9.474	0	%100
65	M80	X	0	0	0	%100
66	M80	Z	0	0	0	%100
67	M81	X	-6.841	-6.841	0	%100
68	M81	Z	11.848	11.848	0	%100
69	M82	X	-6.841	-6.841	0	%100
70	M82	Z	11.848	11.848	0	%100
71	M83	X	-9.769	-9.769	0	%100
72	M83	Z	16.921	16.921	0	%100
73	MP3C	X	-5.038	-5.038	0	%100
74	MP3C	Z	8.726	8.726	0	%100
75	MP2C	X	-6.098	-6.098	0	%100
76	MP2C	Z	10.563	10.563	0	%100
77	MP3B	X	-5.038	-5.038	0	%100
78	MP3B	Z	8.726	8.726	0	%100
79	MP2B	X	-6.098	-6.098	0	%100
80	MP2B	Z	10.563	10.563	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	-10.365	-10.365	0	%100
2	M1	Z	5.984	5.984	0	%100
3	M4	X	-.46	-.46	0	%100
4	M4	Z	.266	.266	0	%100
5	M7	X	-2.755	-2.755	0	%100
6	M7	Z	1.591	1.591	0	%100
7	M7A	X	-5.38	-5.38	0	%100
8	M7A	Z	3.106	3.106	0	%100
9	M8	X	-2.755	-2.755	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,%]
10	M8	Z	1.591	1.591	0	%100
11	M7B	X	0	0	0	%100
12	M7B	Z	0	0	0	%100
13	M9	X	-1.84	-1.84	0	%100
14	M9	Z	1.063	1.063	0	%100
15	M10	X	-11.022	-11.022	0	%100
16	M10	Z	6.363	6.363	0	%100
17	M11	X	-21.519	-21.519	0	%100
18	M11	Z	12.424	12.424	0	%100
19	M12	X	-11.022	-11.022	0	%100
20	M12	Z	6.363	6.363	0	%100
21	M13	X	-10.365	-10.365	0	%100
22	M13	Z	5.984	5.984	0	%100
23	M15	X	-.46	-.46	0	%100
24	M15	Z	.266	.266	0	%100
25	M16	X	-2.755	-2.755	0	%100
26	M16	Z	1.591	1.591	0	%100
27	M17	X	-5.38	-5.38	0	%100
28	M17	Z	3.106	3.106	0	%100
29	M18	X	-2.755	-2.755	0	%100
30	M18	Z	1.591	1.591	0	%100
31	M19	X	-7.654	-7.654	0	%100
32	M19	Z	4.419	4.419	0	%100
33	M20	X	-30.616	-30.616	0	%100
34	M20	Z	17.676	17.676	0	%100
35	M21	X	-7.654	-7.654	0	%100
36	M21	Z	4.419	4.419	0	%100
37	M22	X	-2.641	-2.641	0	%100
38	M22	Z	1.525	1.525	0	%100
39	MP1A	X	-8.726	-8.726	0	%100
40	MP1A	Z	5.038	5.038	0	%100
41	MP3A	X	-8.726	-8.726	0	%100
42	MP3A	Z	5.038	5.038	0	%100
43	MP4A	X	-8.726	-8.726	0	%100
44	MP4A	Z	5.038	5.038	0	%100
45	MP2A	X	-10.563	-10.563	0	%100
46	MP2A	Z	6.098	6.098	0	%100
47	MP1C	X	-8.726	-8.726	0	%100
48	MP1C	Z	5.038	5.038	0	%100
49	MP4C	X	-8.726	-8.726	0	%100
50	MP4C	Z	5.038	5.038	0	%100
51	MP1B	X	-8.726	-8.726	0	%100
52	MP1B	Z	5.038	5.038	0	%100
53	MP4B	X	-8.726	-8.726	0	%100
54	MP4B	Z	5.038	5.038	0	%100
55	M74	X	-7.135	-7.135	0	%100
56	M74	Z	4.12	4.12	0	%100
57	M70A	X	-10.563	-10.563	0	%100
58	M70A	Z	6.098	6.098	0	%100
59	M71A	X	-2.641	-2.641	0	%100
60	M71A	Z	1.525	1.525	0	%100
61	M78	X	-12.632	-12.632	0	%100
62	M78	Z	7.293	7.293	0	%100
63	M79	X	-3.158	-3.158	0	%100
64	M79	Z	1.823	1.823	0	%100
65	M80	X	-3.158	-3.158	0	%100
66	M80	Z	1.823	1.823	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,%]
67	M81	X	-15.23	-15.23	0	%100
68	M81	Z	8.793	8.793	0	%100
69	M82	X	-10.158	-10.158	0	%100
70	M82	Z	5.865	5.865	0	%100
71	M83	X	-15.23	-15.23	0	%100
72	M83	Z	8.793	8.793	0	%100
73	MP3C	X	-8.726	-8.726	0	%100
74	MP3C	Z	5.038	5.038	0	%100
75	MP2C	X	-10.563	-10.563	0	%100
76	MP2C	Z	6.098	6.098	0	%100
77	MP3B	X	-8.726	-8.726	0	%100
78	MP3B	Z	5.038	5.038	0	%100
79	MP2B	X	-10.563	-10.563	0	%100
80	MP2B	Z	6.098	6.098	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	-15.958	-15.958	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M7	X	0	0	0	%100
6	M7	Z	0	0	0	%100
7	M7A	X	0	0	0	%100
8	M7A	Z	0	0	0	%100
9	M8	X	0	0	0	%100
10	M8	Z	0	0	0	%100
11	M7B	X	-3.989	-3.989	0	%100
12	M7B	Z	0	0	0	%100
13	M9	X	-1.594	-1.594	0	%100
14	M9	Z	0	0	0	%100
15	M10	X	-9.545	-9.545	0	%100
16	M10	Z	0	0	0	%100
17	M11	X	-18.636	-18.636	0	%100
18	M11	Z	0	0	0	%100
19	M12	X	-9.545	-9.545	0	%100
20	M12	Z	0	0	0	%100
21	M13	X	-3.989	-3.989	0	%100
22	M13	Z	0	0	0	%100
23	M15	X	-1.594	-1.594	0	%100
24	M15	Z	0	0	0	%100
25	M16	X	-9.545	-9.545	0	%100
26	M16	Z	0	0	0	%100
27	M17	X	-18.636	-18.636	0	%100
28	M17	Z	0	0	0	%100
29	M18	X	-9.545	-9.545	0	%100
30	M18	Z	0	0	0	%100
31	M19	X	0	0	0	%100
32	M19	Z	0	0	0	%100
33	M20	X	-26.514	-26.514	0	%100
34	M20	Z	0	0	0	%100
35	M21	X	-26.514	-26.514	0	%100
36	M21	Z	0	0	0	%100
37	M22	X	0	0	0	%100
38	M22	Z	0	0	0	%100
39	MP1A	X	-10.075	-10.075	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,%]
40	MP1A	Z	0	0	0	%100
41	MP3A	X	-10.075	-10.075	0	%100
42	MP3A	Z	0	0	0	%100
43	MP4A	X	-10.075	-10.075	0	%100
44	MP4A	Z	0	0	0	%100
45	MP2A	X	-12.197	-12.197	0	%100
46	MP2A	Z	0	0	0	%100
47	MP1C	X	-10.075	-10.075	0	%100
48	MP1C	Z	0	0	0	%100
49	MP4C	X	-10.075	-10.075	0	%100
50	MP4C	Z	0	0	0	%100
51	MP1B	X	-10.075	-10.075	0	%100
52	MP1B	Z	0	0	0	%100
53	MP4B	X	-10.075	-10.075	0	%100
54	MP4B	Z	0	0	0	%100
55	M74	X	-8.239	-8.239	0	%100
56	M74	Z	0	0	0	%100
57	M70A	X	-9.147	-9.147	0	%100
58	M70A	Z	0	0	0	%100
59	M71A	X	-9.147	-9.147	0	%100
60	M71A	Z	0	0	0	%100
61	M78	X	-10.939	-10.939	0	%100
62	M78	Z	0	0	0	%100
63	M79	X	0	0	0	%100
64	M79	Z	0	0	0	%100
65	M80	X	-10.939	-10.939	0	%100
66	M80	Z	0	0	0	%100
67	M81	X	-19.539	-19.539	0	%100
68	M81	Z	0	0	0	%100
69	M82	X	-13.681	-13.681	0	%100
70	M82	Z	0	0	0	%100
71	M83	X	-13.681	-13.681	0	%100
72	M83	Z	0	0	0	%100
73	MP3C	X	-10.075	-10.075	0	%100
74	MP3C	Z	0	0	0	%100
75	MP2C	X	-12.197	-12.197	0	%100
76	MP2C	Z	0	0	0	%100
77	MP3B	X	-10.075	-10.075	0	%100
78	MP3B	Z	0	0	0	%100
79	MP2B	X	-12.197	-12.197	0	%100
80	MP2B	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	-10.365	-10.365	0	%100
2	M1	Z	-5.984	-5.984	0	%100
3	M4	X	-.46	-.46	0	%100
4	M4	Z	-.266	-.266	0	%100
5	M7	X	-2.755	-2.755	0	%100
6	M7	Z	-1.591	-1.591	0	%100
7	M7A	X	-5.38	-5.38	0	%100
8	M7A	Z	-3.106	-3.106	0	%100
9	M8	X	-2.755	-2.755	0	%100
10	M8	Z	-1.591	-1.591	0	%100
11	M7B	X	-10.365	-10.365	0	%100
12	M7B	Z	-5.984	-5.984	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,%]
13	M9	X	-.46	-.46	0	%100
14	M9	Z	-.266	-.266	0	%100
15	M10	X	-2.755	-2.755	0	%100
16	M10	Z	-1.591	-1.591	0	%100
17	M11	X	-5.38	-5.38	0	%100
18	M11	Z	-3.106	-3.106	0	%100
19	M12	X	-2.755	-2.755	0	%100
20	M12	Z	-1.591	-1.591	0	%100
21	M13	X	0	0	0	%100
22	M13	Z	0	0	0	%100
23	M15	X	-1.84	-1.84	0	%100
24	M15	Z	-1.063	-1.063	0	%100
25	M16	X	-11.022	-11.022	0	%100
26	M16	Z	-6.363	-6.363	0	%100
27	M17	X	-21.519	-21.519	0	%100
28	M17	Z	-12.424	-12.424	0	%100
29	M18	X	-11.022	-11.022	0	%100
30	M18	Z	-6.363	-6.363	0	%100
31	M19	X	-7.654	-7.654	0	%100
32	M19	Z	-4.419	-4.419	0	%100
33	M20	X	-7.654	-7.654	0	%100
34	M20	Z	-4.419	-4.419	0	%100
35	M21	X	-30.616	-30.616	0	%100
36	M21	Z	-17.676	-17.676	0	%100
37	M22	X	-2.641	-2.641	0	%100
38	M22	Z	-1.525	-1.525	0	%100
39	MP1A	X	-8.726	-8.726	0	%100
40	MP1A	Z	-5.038	-5.038	0	%100
41	MP3A	X	-8.726	-8.726	0	%100
42	MP3A	Z	-5.038	-5.038	0	%100
43	MP4A	X	-8.726	-8.726	0	%100
44	MP4A	Z	-5.038	-5.038	0	%100
45	MP2A	X	-10.563	-10.563	0	%100
46	MP2A	Z	-6.098	-6.098	0	%100
47	MP1C	X	-8.726	-8.726	0	%100
48	MP1C	Z	-5.038	-5.038	0	%100
49	MP4C	X	-8.726	-8.726	0	%100
50	MP4C	Z	-5.038	-5.038	0	%100
51	MP1B	X	-8.726	-8.726	0	%100
52	MP1B	Z	-5.038	-5.038	0	%100
53	MP4B	X	-8.726	-8.726	0	%100
54	MP4B	Z	-5.038	-5.038	0	%100
55	M74	X	-7.135	-7.135	0	%100
56	M74	Z	-4.12	-4.12	0	%100
57	M70A	X	-2.641	-2.641	0	%100
58	M70A	Z	-1.525	-1.525	0	%100
59	M71A	X	-10.563	-10.563	0	%100
60	M71A	Z	-6.098	-6.098	0	%100
61	M78	X	-3.158	-3.158	0	%100
62	M78	Z	-1.823	-1.823	0	%100
63	M79	X	-3.158	-3.158	0	%100
64	M79	Z	-1.823	-1.823	0	%100
65	M80	X	-12.632	-12.632	0	%100
66	M80	Z	-7.293	-7.293	0	%100
67	M81	X	-15.23	-15.23	0	%100
68	M81	Z	-8.793	-8.793	0	%100
69	M82	X	-15.23	-15.23	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,%]
70	M82	Z	-8.793	-8.793	0	%100
71	M83	X	-10.158	-10.158	0	%100
72	M83	Z	-5.865	-5.865	0	%100
73	MP3C	X	-8.726	-8.726	0	%100
74	MP3C	Z	-5.038	-5.038	0	%100
75	MP2C	X	-10.563	-10.563	0	%100
76	MP2C	Z	-6.098	-6.098	0	%100
77	MP3B	X	-8.726	-8.726	0	%100
78	MP3B	Z	-5.038	-5.038	0	%100
79	MP2B	X	-10.563	-10.563	0	%100
80	MP2B	Z	-6.098	-6.098	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	-1.995	-1.995	0	%100
2	M1	Z	-3.455	-3.455	0	%100
3	M4	X	-.797	-.797	0	%100
4	M4	Z	-1.38	-1.38	0	%100
5	M7	X	-4.773	-4.773	0	%100
6	M7	Z	-8.266	-8.266	0	%100
7	M7A	X	-9.318	-9.318	0	%100
8	M7A	Z	-16.139	-16.139	0	%100
9	M8	X	-4.773	-4.773	0	%100
10	M8	Z	-8.266	-8.266	0	%100
11	M7B	X	-7.979	-7.979	0	%100
12	M7B	Z	-13.82	-13.82	0	%100
13	M9	X	0	0	0	%100
14	M9	Z	0	0	0	%100
15	M10	X	0	0	0	%100
16	M10	Z	0	0	0	%100
17	M11	X	0	0	0	%100
18	M11	Z	0	0	0	%100
19	M12	X	0	0	0	%100
20	M12	Z	0	0	0	%100
21	M13	X	-1.995	-1.995	0	%100
22	M13	Z	-3.455	-3.455	0	%100
23	M15	X	-.797	-.797	0	%100
24	M15	Z	-1.38	-1.38	0	%100
25	M16	X	-4.773	-4.773	0	%100
26	M16	Z	-8.266	-8.266	0	%100
27	M17	X	-9.318	-9.318	0	%100
28	M17	Z	-16.139	-16.139	0	%100
29	M18	X	-4.773	-4.773	0	%100
30	M18	Z	-8.266	-8.266	0	%100
31	M19	X	-13.257	-13.257	0	%100
32	M19	Z	-22.962	-22.962	0	%100
33	M20	X	0	0	0	%100
34	M20	Z	0	0	0	%100
35	M21	X	-13.257	-13.257	0	%100
36	M21	Z	-22.962	-22.962	0	%100
37	M22	X	-4.574	-4.574	0	%100
38	M22	Z	-7.922	-7.922	0	%100
39	MP1A	X	-5.038	-5.038	0	%100
40	MP1A	Z	-8.726	-8.726	0	%100
41	MP3A	X	-5.038	-5.038	0	%100
42	MP3A	Z	-8.726	-8.726	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,%]
43	MP4A	X	-5.038	-5.038	0	%100
44	MP4A	Z	-8.726	-8.726	0	%100
45	MP2A	X	-6.098	-6.098	0	%100
46	MP2A	Z	-10.563	-10.563	0	%100
47	MP1C	X	-5.038	-5.038	0	%100
48	MP1C	Z	-8.726	-8.726	0	%100
49	MP4C	X	-5.038	-5.038	0	%100
50	MP4C	Z	-8.726	-8.726	0	%100
51	MP1B	X	-5.038	-5.038	0	%100
52	MP1B	Z	-8.726	-8.726	0	%100
53	MP4B	X	-5.038	-5.038	0	%100
54	MP4B	Z	-8.726	-8.726	0	%100
55	M74	X	-4.12	-4.12	0	%100
56	M74	Z	-7.135	-7.135	0	%100
57	M70A	X	0	0	0	%100
58	M70A	Z	0	0	0	%100
59	M71A	X	-4.574	-4.574	0	%100
60	M71A	Z	-7.922	-7.922	0	%100
61	M78	X	0	0	0	%100
62	M78	Z	0	0	0	%100
63	M79	X	-5.47	-5.47	0	%100
64	M79	Z	-9.474	-9.474	0	%100
65	M80	X	-5.47	-5.47	0	%100
66	M80	Z	-9.474	-9.474	0	%100
67	M81	X	-6.841	-6.841	0	%100
68	M81	Z	-11.848	-11.848	0	%100
69	M82	X	-9.769	-9.769	0	%100
70	M82	Z	-16.921	-16.921	0	%100
71	M83	X	-6.841	-6.841	0	%100
72	M83	Z	-11.848	-11.848	0	%100
73	MP3C	X	-5.038	-5.038	0	%100
74	MP3C	Z	-8.726	-8.726	0	%100
75	MP2C	X	-6.098	-6.098	0	%100
76	MP2C	Z	-10.563	-10.563	0	%100
77	MP3B	X	-5.038	-5.038	0	%100
78	MP3B	Z	-8.726	-8.726	0	%100
79	MP2B	X	-6.098	-6.098	0	%100
80	MP2B	Z	-10.563	-10.563	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	0	0	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	-1.494	-1.494	0	%100
5	M7	X	0	0	0	%100
6	M7	Z	-3.208	-3.208	0	%100
7	M7A	X	0	0	0	%100
8	M7A	Z	-6.021	-6.021	0	%100
9	M8	X	0	0	0	%100
10	M8	Z	-3.208	-3.208	0	%100
11	M7B	X	0	0	0	%100
12	M7B	Z	-3.358	-3.358	0	%100
13	M9	X	0	0	0	%100
14	M9	Z	-.374	-.374	0	%100
15	M10	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,%]
16	M10	Z	-.802	-.802	0	%100
17	M11	X	0	0	0	%100
18	M11	Z	-1.505	-1.505	0	%100
19	M12	X	0	0	0	%100
20	M12	Z	-.802	-.802	0	%100
21	M13	X	0	0	0	%100
22	M13	Z	-3.358	-3.358	0	%100
23	M15	X	0	0	0	%100
24	M15	Z	-.374	-.374	0	%100
25	M16	X	0	0	0	%100
26	M16	Z	-.802	-.802	0	%100
27	M17	X	0	0	0	%100
28	M17	Z	-1.505	-1.505	0	%100
29	M18	X	0	0	0	%100
30	M18	Z	-.802	-.802	0	%100
31	M19	X	0	0	0	%100
32	M19	Z	-7.844	-7.844	0	%100
33	M20	X	0	0	0	%100
34	M20	Z	-1.961	-1.961	0	%100
35	M21	X	0	0	0	%100
36	M21	Z	-1.961	-1.961	0	%100
37	M22	X	0	0	0	%100
38	M22	Z	-3.824	-3.824	0	%100
39	MP1A	X	0	0	0	%100
40	MP1A	Z	-3.456	-3.456	0	%100
41	MP3A	X	0	0	0	%100
42	MP3A	Z	-3.456	-3.456	0	%100
43	MP4A	X	0	0	0	%100
44	MP4A	Z	-3.456	-3.456	0	%100
45	MP2A	X	0	0	0	%100
46	MP2A	Z	-3.824	-3.824	0	%100
47	MP1C	X	0	0	0	%100
48	MP1C	Z	-3.456	-3.456	0	%100
49	MP4C	X	0	0	0	%100
50	MP4C	Z	-3.456	-3.456	0	%100
51	MP1B	X	0	0	0	%100
52	MP1B	Z	-3.456	-3.456	0	%100
53	MP4B	X	0	0	0	%100
54	MP4B	Z	-3.456	-3.456	0	%100
55	M74	X	0	0	0	%100
56	M74	Z	-2.838	-2.838	0	%100
57	M70A	X	0	0	0	%100
58	M70A	Z	-.956	-.956	0	%100
59	M71A	X	0	0	0	%100
60	M71A	Z	-.956	-.956	0	%100
61	M78	X	0	0	0	%100
62	M78	Z	-.928	-.928	0	%100
63	M79	X	0	0	0	%100
64	M79	Z	-3.713	-3.713	0	%100
65	M80	X	0	0	0	%100
66	M80	Z	-.928	-.928	0	%100
67	M81	X	0	0	0	%100
68	M81	Z	-2.635	-2.635	0	%100
69	M82	X	0	0	0	%100
70	M82	Z	-4.483	-4.483	0	%100
71	M83	X	0	0	0	%100
72	M83	Z	-4.483	-4.483	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,%]
73	MP3C	X	0	0	0	%100
74	MP3C	Z	-3.456	-3.456	0	%100
75	MP2C	X	0	0	0	%100
76	MP2C	Z	-3.824	-3.824	0	%100
77	MP3B	X	0	0	0	%100
78	MP3B	Z	-3.456	-3.456	0	%100
79	MP2B	X	0	0	0	%100
80	MP2B	Z	-3.824	-3.824	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	.56	.56	0	%100
2	M1	Z	-.969	-.969	0	%100
3	M4	X	.56	.56	0	%100
4	M4	Z	-.971	-.971	0	%100
5	M7	X	1.203	1.203	0	%100
6	M7	Z	-2.084	-2.084	0	%100
7	M7A	X	2.258	2.258	0	%100
8	M7A	Z	-3.911	-3.911	0	%100
9	M8	X	1.203	1.203	0	%100
10	M8	Z	-2.084	-2.084	0	%100
11	M7B	X	.56	.56	0	%100
12	M7B	Z	-.969	-.969	0	%100
13	M9	X	.56	.56	0	%100
14	M9	Z	-.971	-.971	0	%100
15	M10	X	1.203	1.203	0	%100
16	M10	Z	-2.084	-2.084	0	%100
17	M11	X	2.258	2.258	0	%100
18	M11	Z	-3.911	-3.911	0	%100
19	M12	X	1.203	1.203	0	%100
20	M12	Z	-2.084	-2.084	0	%100
21	M13	X	2.239	2.239	0	%100
22	M13	Z	-3.877	-3.877	0	%100
23	M15	X	0	0	0	%100
24	M15	Z	0	0	0	%100
25	M16	X	0	0	0	%100
26	M16	Z	0	0	0	%100
27	M17	X	0	0	0	%100
28	M17	Z	0	0	0	%100
29	M18	X	0	0	0	%100
30	M18	Z	0	0	0	%100
31	M19	X	2.942	2.942	0	%100
32	M19	Z	-5.095	-5.095	0	%100
33	M20	X	2.942	2.942	0	%100
34	M20	Z	-5.095	-5.095	0	%100
35	M21	X	0	0	0	%100
36	M21	Z	0	0	0	%100
37	M22	X	1.434	1.434	0	%100
38	M22	Z	-2.484	-2.484	0	%100
39	MP1A	X	1.728	1.728	0	%100
40	MP1A	Z	-2.993	-2.993	0	%100
41	MP3A	X	1.728	1.728	0	%100
42	MP3A	Z	-2.993	-2.993	0	%100
43	MP4A	X	1.728	1.728	0	%100
44	MP4A	Z	-2.993	-2.993	0	%100
45	MP2A	X	1.912	1.912	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,%]
46	MP2A	Z	-3.312	-3.312	0	%100
47	MP1C	X	1.728	1.728	0	%100
48	MP1C	Z	-2.993	-2.993	0	%100
49	MP4C	X	1.728	1.728	0	%100
50	MP4C	Z	-2.993	-2.993	0	%100
51	MP1B	X	1.728	1.728	0	%100
52	MP1B	Z	-2.993	-2.993	0	%100
53	MP4B	X	1.728	1.728	0	%100
54	MP4B	Z	-2.993	-2.993	0	%100
55	M74	X	1.419	1.419	0	%100
56	M74	Z	-2.458	-2.458	0	%100
57	M70A	X	1.434	1.434	0	%100
58	M70A	Z	-2.484	-2.484	0	%100
59	M71A	X	0	0	0	%100
60	M71A	Z	0	0	0	%100
61	M78	X	1.392	1.392	0	%100
62	M78	Z	-2.411	-2.411	0	%100
63	M79	X	1.392	1.392	0	%100
64	M79	Z	-2.411	-2.411	0	%100
65	M80	X	0	0	0	%100
66	M80	Z	0	0	0	%100
67	M81	X	1.625	1.625	0	%100
68	M81	Z	-2.815	-2.815	0	%100
69	M82	X	1.625	1.625	0	%100
70	M82	Z	-2.815	-2.815	0	%100
71	M83	X	2.549	2.549	0	%100
72	M83	Z	-4.416	-4.416	0	%100
73	MP3C	X	1.728	1.728	0	%100
74	MP3C	Z	-2.993	-2.993	0	%100
75	MP2C	X	1.912	1.912	0	%100
76	MP2C	Z	-3.312	-3.312	0	%100
77	MP3B	X	1.728	1.728	0	%100
78	MP3B	Z	-2.993	-2.993	0	%100
79	MP2B	X	1.912	1.912	0	%100
80	MP2B	Z	-3.312	-3.312	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	2.908	2.908	0	%100
2	M1	Z	-1.679	-1.679	0	%100
3	M4	X	.324	.324	0	%100
4	M4	Z	-.187	-.187	0	%100
5	M7	X	.695	.695	0	%100
6	M7	Z	-.401	-.401	0	%100
7	M7A	X	1.304	1.304	0	%100
8	M7A	Z	-.753	-.753	0	%100
9	M8	X	.695	.695	0	%100
10	M8	Z	-.401	-.401	0	%100
11	M7B	X	0	0	0	%100
12	M7B	Z	0	0	0	%100
13	M9	X	1.294	1.294	0	%100
14	M9	Z	-.747	-.747	0	%100
15	M10	X	2.778	2.778	0	%100
16	M10	Z	-1.604	-1.604	0	%100
17	M11	X	5.214	5.214	0	%100
18	M11	Z	-3.01	-3.01	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,%]
19	M12	X	2.778	2.778	0	%100
20	M12	Z	-1.604	-1.604	0	%100
21	M13	X	2.908	2.908	0	%100
22	M13	Z	-1.679	-1.679	0	%100
23	M15	X	.324	.324	0	%100
24	M15	Z	-.187	-.187	0	%100
25	M16	X	.695	.695	0	%100
26	M16	Z	-.401	-.401	0	%100
27	M17	X	1.304	1.304	0	%100
28	M17	Z	-.753	-.753	0	%100
29	M18	X	.695	.695	0	%100
30	M18	Z	-.401	-.401	0	%100
31	M19	X	1.698	1.698	0	%100
32	M19	Z	-.981	-.981	0	%100
33	M20	X	6.793	6.793	0	%100
34	M20	Z	-3.922	-3.922	0	%100
35	M21	X	1.698	1.698	0	%100
36	M21	Z	-.981	-.981	0	%100
37	M22	X	.828	.828	0	%100
38	M22	Z	-.478	-.478	0	%100
39	MP1A	X	2.993	2.993	0	%100
40	MP1A	Z	-1.728	-1.728	0	%100
41	MP3A	X	2.993	2.993	0	%100
42	MP3A	Z	-1.728	-1.728	0	%100
43	MP4A	X	2.993	2.993	0	%100
44	MP4A	Z	-1.728	-1.728	0	%100
45	MP2A	X	3.312	3.312	0	%100
46	MP2A	Z	-1.912	-1.912	0	%100
47	MP1C	X	2.993	2.993	0	%100
48	MP1C	Z	-1.728	-1.728	0	%100
49	MP4C	X	2.993	2.993	0	%100
50	MP4C	Z	-1.728	-1.728	0	%100
51	MP1B	X	2.993	2.993	0	%100
52	MP1B	Z	-1.728	-1.728	0	%100
53	MP4B	X	2.993	2.993	0	%100
54	MP4B	Z	-1.728	-1.728	0	%100
55	M74	X	2.458	2.458	0	%100
56	M74	Z	-1.419	-1.419	0	%100
57	M70A	X	3.312	3.312	0	%100
58	M70A	Z	-1.912	-1.912	0	%100
59	M71A	X	.828	.828	0	%100
60	M71A	Z	-.478	-.478	0	%100
61	M78	X	3.215	3.215	0	%100
62	M78	Z	-1.856	-1.856	0	%100
63	M79	X	.804	.804	0	%100
64	M79	Z	-.464	-.464	0	%100
65	M80	X	.804	.804	0	%100
66	M80	Z	-.464	-.464	0	%100
67	M81	X	3.882	3.882	0	%100
68	M81	Z	-2.241	-2.241	0	%100
69	M82	X	2.282	2.282	0	%100
70	M82	Z	-1.317	-1.317	0	%100
71	M83	X	3.882	3.882	0	%100
72	M83	Z	-2.241	-2.241	0	%100
73	MP3C	X	2.993	2.993	0	%100
74	MP3C	Z	-1.728	-1.728	0	%100
75	MP2C	X	3.312	3.312	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,%]
76	MP2C	Z	-1.912	-1.912	0	%100
77	MP3B	X	2.993	2.993	0	%100
78	MP3B	Z	-1.728	-1.728	0	%100
79	MP2B	X	3.312	3.312	0	%100
80	MP2B	Z	-1.912	-1.912	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	4.477	4.477	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M7	X	0	0	0	%100
6	M7	Z	0	0	0	%100
7	M7A	X	0	0	0	%100
8	M7A	Z	0	0	0	%100
9	M8	X	0	0	0	%100
10	M8	Z	0	0	0	%100
11	M7B	X	1.119	1.119	0	%100
12	M7B	Z	0	0	0	%100
13	M9	X	1.121	1.121	0	%100
14	M9	Z	0	0	0	%100
15	M10	X	2.406	2.406	0	%100
16	M10	Z	0	0	0	%100
17	M11	X	4.516	4.516	0	%100
18	M11	Z	0	0	0	%100
19	M12	X	2.406	2.406	0	%100
20	M12	Z	0	0	0	%100
21	M13	X	1.119	1.119	0	%100
22	M13	Z	0	0	0	%100
23	M15	X	1.121	1.121	0	%100
24	M15	Z	0	0	0	%100
25	M16	X	2.406	2.406	0	%100
26	M16	Z	0	0	0	%100
27	M17	X	4.516	4.516	0	%100
28	M17	Z	0	0	0	%100
29	M18	X	2.406	2.406	0	%100
30	M18	Z	0	0	0	%100
31	M19	X	0	0	0	%100
32	M19	Z	0	0	0	%100
33	M20	X	5.883	5.883	0	%100
34	M20	Z	0	0	0	%100
35	M21	X	5.883	5.883	0	%100
36	M21	Z	0	0	0	%100
37	M22	X	0	0	0	%100
38	M22	Z	0	0	0	%100
39	MP1A	X	3.456	3.456	0	%100
40	MP1A	Z	0	0	0	%100
41	MP3A	X	3.456	3.456	0	%100
42	MP3A	Z	0	0	0	%100
43	MP4A	X	3.456	3.456	0	%100
44	MP4A	Z	0	0	0	%100
45	MP2A	X	3.824	3.824	0	%100
46	MP2A	Z	0	0	0	%100
47	MP1C	X	3.456	3.456	0	%100
48	MP1C	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,%]
49	MP4C	X	3.456	3.456	0	%100
50	MP4C	Z	0	0	0	%100
51	MP1B	X	3.456	3.456	0	%100
52	MP1B	Z	0	0	0	%100
53	MP4B	X	3.456	3.456	0	%100
54	MP4B	Z	0	0	0	%100
55	M74	X	2.838	2.838	0	%100
56	M74	Z	0	0	0	%100
57	M70A	X	2.868	2.868	0	%100
58	M70A	Z	0	0	0	%100
59	M71A	X	2.868	2.868	0	%100
60	M71A	Z	0	0	0	%100
61	M78	X	2.784	2.784	0	%100
62	M78	Z	0	0	0	%100
63	M79	X	0	0	0	%100
64	M79	Z	0	0	0	%100
65	M80	X	2.784	2.784	0	%100
66	M80	Z	0	0	0	%100
67	M81	X	5.099	5.099	0	%100
68	M81	Z	0	0	0	%100
69	M82	X	3.251	3.251	0	%100
70	M82	Z	0	0	0	%100
71	M83	X	3.251	3.251	0	%100
72	M83	Z	0	0	0	%100
73	MP3C	X	3.456	3.456	0	%100
74	MP3C	Z	0	0	0	%100
75	MP2C	X	3.824	3.824	0	%100
76	MP2C	Z	0	0	0	%100
77	MP3B	X	3.456	3.456	0	%100
78	MP3B	Z	0	0	0	%100
79	MP2B	X	3.824	3.824	0	%100
80	MP2B	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	2.908	2.908	0	%100
2	M1	Z	1.679	1.679	0	%100
3	M4	X	.324	.324	0	%100
4	M4	Z	.187	.187	0	%100
5	M7	X	.695	.695	0	%100
6	M7	Z	.401	.401	0	%100
7	M7A	X	1.304	1.304	0	%100
8	M7A	Z	.753	.753	0	%100
9	M8	X	.695	.695	0	%100
10	M8	Z	.401	.401	0	%100
11	M7B	X	2.908	2.908	0	%100
12	M7B	Z	1.679	1.679	0	%100
13	M9	X	.324	.324	0	%100
14	M9	Z	.187	.187	0	%100
15	M10	X	.695	.695	0	%100
16	M10	Z	.401	.401	0	%100
17	M11	X	1.304	1.304	0	%100
18	M11	Z	.753	.753	0	%100
19	M12	X	.695	.695	0	%100
20	M12	Z	.401	.401	0	%100
21	M13	X	0	0	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,%]
22	M13	Z	0	0	0	%100
23	M15	X	1.294	1.294	0	%100
24	M15	Z	.747	.747	0	%100
25	M16	X	2.778	2.778	0	%100
26	M16	Z	1.604	1.604	0	%100
27	M17	X	5.214	5.214	0	%100
28	M17	Z	3.01	3.01	0	%100
29	M18	X	2.778	2.778	0	%100
30	M18	Z	1.604	1.604	0	%100
31	M19	X	1.698	1.698	0	%100
32	M19	Z	.981	.981	0	%100
33	M20	X	1.698	1.698	0	%100
34	M20	Z	.981	.981	0	%100
35	M21	X	6.793	6.793	0	%100
36	M21	Z	3.922	3.922	0	%100
37	M22	X	.828	.828	0	%100
38	M22	Z	.478	.478	0	%100
39	MP1A	X	2.993	2.993	0	%100
40	MP1A	Z	1.728	1.728	0	%100
41	MP3A	X	2.993	2.993	0	%100
42	MP3A	Z	1.728	1.728	0	%100
43	MP4A	X	2.993	2.993	0	%100
44	MP4A	Z	1.728	1.728	0	%100
45	MP2A	X	3.312	3.312	0	%100
46	MP2A	Z	1.912	1.912	0	%100
47	MP1C	X	2.993	2.993	0	%100
48	MP1C	Z	1.728	1.728	0	%100
49	MP4C	X	2.993	2.993	0	%100
50	MP4C	Z	1.728	1.728	0	%100
51	MP1B	X	2.993	2.993	0	%100
52	MP1B	Z	1.728	1.728	0	%100
53	MP4B	X	2.993	2.993	0	%100
54	MP4B	Z	1.728	1.728	0	%100
55	M74	X	2.458	2.458	0	%100
56	M74	Z	1.419	1.419	0	%100
57	M70A	X	.828	.828	0	%100
58	M70A	Z	.478	.478	0	%100
59	M71A	X	3.312	3.312	0	%100
60	M71A	Z	1.912	1.912	0	%100
61	M78	X	.804	.804	0	%100
62	M78	Z	.464	.464	0	%100
63	M79	X	.804	.804	0	%100
64	M79	Z	.464	.464	0	%100
65	M80	X	3.215	3.215	0	%100
66	M80	Z	1.856	1.856	0	%100
67	M81	X	3.882	3.882	0	%100
68	M81	Z	2.241	2.241	0	%100
69	M82	X	3.882	3.882	0	%100
70	M82	Z	2.241	2.241	0	%100
71	M83	X	2.282	2.282	0	%100
72	M83	Z	1.317	1.317	0	%100
73	MP3C	X	2.993	2.993	0	%100
74	MP3C	Z	1.728	1.728	0	%100
75	MP2C	X	3.312	3.312	0	%100
76	MP2C	Z	1.912	1.912	0	%100
77	MP3B	X	2.993	2.993	0	%100
78	MP3B	Z	1.728	1.728	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,%]
79	MP2B	X	3.312	3.312	0	%100
80	MP2B	Z	1.912	1.912	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	.56	.56	0	%100
2	M1	Z	.969	.969	0	%100
3	M4	X	.56	.56	0	%100
4	M4	Z	.971	.971	0	%100
5	M7	X	1.203	1.203	0	%100
6	M7	Z	2.084	2.084	0	%100
7	M7A	X	2.258	2.258	0	%100
8	M7A	Z	3.911	3.911	0	%100
9	M8	X	1.203	1.203	0	%100
10	M8	Z	2.084	2.084	0	%100
11	M7B	X	2.239	2.239	0	%100
12	M7B	Z	3.877	3.877	0	%100
13	M9	X	0	0	0	%100
14	M9	Z	0	0	0	%100
15	M10	X	0	0	0	%100
16	M10	Z	0	0	0	%100
17	M11	X	0	0	0	%100
18	M11	Z	0	0	0	%100
19	M12	X	0	0	0	%100
20	M12	Z	0	0	0	%100
21	M13	X	.56	.56	0	%100
22	M13	Z	.969	.969	0	%100
23	M15	X	.56	.56	0	%100
24	M15	Z	.971	.971	0	%100
25	M16	X	1.203	1.203	0	%100
26	M16	Z	2.084	2.084	0	%100
27	M17	X	2.258	2.258	0	%100
28	M17	Z	3.911	3.911	0	%100
29	M18	X	1.203	1.203	0	%100
30	M18	Z	2.084	2.084	0	%100
31	M19	X	2.942	2.942	0	%100
32	M19	Z	5.095	5.095	0	%100
33	M20	X	0	0	0	%100
34	M20	Z	0	0	0	%100
35	M21	X	2.942	2.942	0	%100
36	M21	Z	5.095	5.095	0	%100
37	M22	X	1.434	1.434	0	%100
38	M22	Z	2.484	2.484	0	%100
39	MP1A	X	1.728	1.728	0	%100
40	MP1A	Z	2.993	2.993	0	%100
41	MP3A	X	1.728	1.728	0	%100
42	MP3A	Z	2.993	2.993	0	%100
43	MP4A	X	1.728	1.728	0	%100
44	MP4A	Z	2.993	2.993	0	%100
45	MP2A	X	1.912	1.912	0	%100
46	MP2A	Z	3.312	3.312	0	%100
47	MP1C	X	1.728	1.728	0	%100
48	MP1C	Z	2.993	2.993	0	%100
49	MP4C	X	1.728	1.728	0	%100
50	MP4C	Z	2.993	2.993	0	%100
51	MP1B	X	1.728	1.728	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,%]
52	MP1B	Z	2.993	2.993	0	%100
53	MP4B	X	1.728	1.728	0	%100
54	MP4B	Z	2.993	2.993	0	%100
55	M74	X	1.419	1.419	0	%100
56	M74	Z	2.458	2.458	0	%100
57	M70A	X	0	0	0	%100
58	M70A	Z	0	0	0	%100
59	M71A	X	1.434	1.434	0	%100
60	M71A	Z	2.484	2.484	0	%100
61	M78	X	0	0	0	%100
62	M78	Z	0	0	0	%100
63	M79	X	1.392	1.392	0	%100
64	M79	Z	2.411	2.411	0	%100
65	M80	X	1.392	1.392	0	%100
66	M80	Z	2.411	2.411	0	%100
67	M81	X	1.625	1.625	0	%100
68	M81	Z	2.815	2.815	0	%100
69	M82	X	2.549	2.549	0	%100
70	M82	Z	4.416	4.416	0	%100
71	M83	X	1.625	1.625	0	%100
72	M83	Z	2.815	2.815	0	%100
73	MP3C	X	1.728	1.728	0	%100
74	MP3C	Z	2.993	2.993	0	%100
75	MP2C	X	1.912	1.912	0	%100
76	MP2C	Z	3.312	3.312	0	%100
77	MP3B	X	1.728	1.728	0	%100
78	MP3B	Z	2.993	2.993	0	%100
79	MP2B	X	1.912	1.912	0	%100
80	MP2B	Z	3.312	3.312	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	0	0	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	1.494	1.494	0	%100
5	M7	X	0	0	0	%100
6	M7	Z	3.208	3.208	0	%100
7	M7A	X	0	0	0	%100
8	M7A	Z	6.021	6.021	0	%100
9	M8	X	0	0	0	%100
10	M8	Z	3.208	3.208	0	%100
11	M7B	X	0	0	0	%100
12	M7B	Z	3.358	3.358	0	%100
13	M9	X	0	0	0	%100
14	M9	Z	.374	.374	0	%100
15	M10	X	0	0	0	%100
16	M10	Z	.802	.802	0	%100
17	M11	X	0	0	0	%100
18	M11	Z	1.505	1.505	0	%100
19	M12	X	0	0	0	%100
20	M12	Z	.802	.802	0	%100
21	M13	X	0	0	0	%100
22	M13	Z	3.358	3.358	0	%100
23	M15	X	0	0	0	%100
24	M15	Z	.374	.374	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,%]
25	M16	X	0	0	0	%100
26	M16	Z	.802	.802	0	%100
27	M17	X	0	0	0	%100
28	M17	Z	1.505	1.505	0	%100
29	M18	X	0	0	0	%100
30	M18	Z	.802	.802	0	%100
31	M19	X	0	0	0	%100
32	M19	Z	7.844	7.844	0	%100
33	M20	X	0	0	0	%100
34	M20	Z	1.961	1.961	0	%100
35	M21	X	0	0	0	%100
36	M21	Z	1.961	1.961	0	%100
37	M22	X	0	0	0	%100
38	M22	Z	3.824	3.824	0	%100
39	MP1A	X	0	0	0	%100
40	MP1A	Z	3.456	3.456	0	%100
41	MP3A	X	0	0	0	%100
42	MP3A	Z	3.456	3.456	0	%100
43	MP4A	X	0	0	0	%100
44	MP4A	Z	3.456	3.456	0	%100
45	MP2A	X	0	0	0	%100
46	MP2A	Z	3.824	3.824	0	%100
47	MP1C	X	0	0	0	%100
48	MP1C	Z	3.456	3.456	0	%100
49	MP4C	X	0	0	0	%100
50	MP4C	Z	3.456	3.456	0	%100
51	MP1B	X	0	0	0	%100
52	MP1B	Z	3.456	3.456	0	%100
53	MP4B	X	0	0	0	%100
54	MP4B	Z	3.456	3.456	0	%100
55	M74	X	0	0	0	%100
56	M74	Z	2.838	2.838	0	%100
57	M70A	X	0	0	0	%100
58	M70A	Z	.956	.956	0	%100
59	M71A	X	0	0	0	%100
60	M71A	Z	.956	.956	0	%100
61	M78	X	0	0	0	%100
62	M78	Z	.928	.928	0	%100
63	M79	X	0	0	0	%100
64	M79	Z	3.713	3.713	0	%100
65	M80	X	0	0	0	%100
66	M80	Z	.928	.928	0	%100
67	M81	X	0	0	0	%100
68	M81	Z	2.635	2.635	0	%100
69	M82	X	0	0	0	%100
70	M82	Z	4.483	4.483	0	%100
71	M83	X	0	0	0	%100
72	M83	Z	4.483	4.483	0	%100
73	MP3C	X	0	0	0	%100
74	MP3C	Z	3.456	3.456	0	%100
75	MP2C	X	0	0	0	%100
76	MP2C	Z	3.824	3.824	0	%100
77	MP3B	X	0	0	0	%100
78	MP3B	Z	3.456	3.456	0	%100
79	MP2B	X	0	0	0	%100
80	MP2B	Z	3.824	3.824	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	-.56	-.56	0	%100
2	M1	Z	.969	.969	0	%100
3	M4	X	-.56	-.56	0	%100
4	M4	Z	.971	.971	0	%100
5	M7	X	-1.203	-1.203	0	%100
6	M7	Z	2.084	2.084	0	%100
7	M7A	X	-2.258	-2.258	0	%100
8	M7A	Z	3.911	3.911	0	%100
9	M8	X	-1.203	-1.203	0	%100
10	M8	Z	2.084	2.084	0	%100
11	M7B	X	-.56	-.56	0	%100
12	M7B	Z	.969	.969	0	%100
13	M9	X	-.56	-.56	0	%100
14	M9	Z	.971	.971	0	%100
15	M10	X	-1.203	-1.203	0	%100
16	M10	Z	2.084	2.084	0	%100
17	M11	X	-2.258	-2.258	0	%100
18	M11	Z	3.911	3.911	0	%100
19	M12	X	-1.203	-1.203	0	%100
20	M12	Z	2.084	2.084	0	%100
21	M13	X	-2.239	-2.239	0	%100
22	M13	Z	3.877	3.877	0	%100
23	M15	X	0	0	0	%100
24	M15	Z	0	0	0	%100
25	M16	X	0	0	0	%100
26	M16	Z	0	0	0	%100
27	M17	X	0	0	0	%100
28	M17	Z	0	0	0	%100
29	M18	X	0	0	0	%100
30	M18	Z	0	0	0	%100
31	M19	X	-2.942	-2.942	0	%100
32	M19	Z	5.095	5.095	0	%100
33	M20	X	-2.942	-2.942	0	%100
34	M20	Z	5.095	5.095	0	%100
35	M21	X	0	0	0	%100
36	M21	Z	0	0	0	%100
37	M22	X	-1.434	-1.434	0	%100
38	M22	Z	2.484	2.484	0	%100
39	MP1A	X	-1.728	-1.728	0	%100
40	MP1A	Z	2.993	2.993	0	%100
41	MP3A	X	-1.728	-1.728	0	%100
42	MP3A	Z	2.993	2.993	0	%100
43	MP4A	X	-1.728	-1.728	0	%100
44	MP4A	Z	2.993	2.993	0	%100
45	MP2A	X	-1.912	-1.912	0	%100
46	MP2A	Z	3.312	3.312	0	%100
47	MP1C	X	-1.728	-1.728	0	%100
48	MP1C	Z	2.993	2.993	0	%100
49	MP4C	X	-1.728	-1.728	0	%100
50	MP4C	Z	2.993	2.993	0	%100
51	MP1B	X	-1.728	-1.728	0	%100
52	MP1B	Z	2.993	2.993	0	%100
53	MP4B	X	-1.728	-1.728	0	%100
54	MP4B	Z	2.993	2.993	0	%100
55	M74	X	-1.419	-1.419	0	%100
56	M74	Z	2.458	2.458	0	%100
57	M70A	X	-1.434	-1.434	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,%]
58	M70A	Z	2.484	2.484	0	%100
59	M71A	X	0	0	0	%100
60	M71A	Z	0	0	0	%100
61	M78	X	-1.392	-1.392	0	%100
62	M78	Z	2.411	2.411	0	%100
63	M79	X	-1.392	-1.392	0	%100
64	M79	Z	2.411	2.411	0	%100
65	M80	X	0	0	0	%100
66	M80	Z	0	0	0	%100
67	M81	X	-1.625	-1.625	0	%100
68	M81	Z	2.815	2.815	0	%100
69	M82	X	-1.625	-1.625	0	%100
70	M82	Z	2.815	2.815	0	%100
71	M83	X	-2.549	-2.549	0	%100
72	M83	Z	4.416	4.416	0	%100
73	MP3C	X	-1.728	-1.728	0	%100
74	MP3C	Z	2.993	2.993	0	%100
75	MP2C	X	-1.912	-1.912	0	%100
76	MP2C	Z	3.312	3.312	0	%100
77	MP3B	X	-1.728	-1.728	0	%100
78	MP3B	Z	2.993	2.993	0	%100
79	MP2B	X	-1.912	-1.912	0	%100
80	MP2B	Z	3.312	3.312	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	-2.908	-2.908	0	%100
2	M1	Z	1.679	1.679	0	%100
3	M4	X	-.324	-.324	0	%100
4	M4	Z	.187	.187	0	%100
5	M7	X	-.695	-.695	0	%100
6	M7	Z	.401	.401	0	%100
7	M7A	X	-1.304	-1.304	0	%100
8	M7A	Z	.753	.753	0	%100
9	M8	X	-.695	-.695	0	%100
10	M8	Z	.401	.401	0	%100
11	M7B	X	0	0	0	%100
12	M7B	Z	0	0	0	%100
13	M9	X	-1.294	-1.294	0	%100
14	M9	Z	.747	.747	0	%100
15	M10	X	-2.778	-2.778	0	%100
16	M10	Z	1.604	1.604	0	%100
17	M11	X	-5.214	-5.214	0	%100
18	M11	Z	3.01	3.01	0	%100
19	M12	X	-2.778	-2.778	0	%100
20	M12	Z	1.604	1.604	0	%100
21	M13	X	-2.908	-2.908	0	%100
22	M13	Z	1.679	1.679	0	%100
23	M15	X	-.324	-.324	0	%100
24	M15	Z	.187	.187	0	%100
25	M16	X	-.695	-.695	0	%100
26	M16	Z	.401	.401	0	%100
27	M17	X	-1.304	-1.304	0	%100
28	M17	Z	.753	.753	0	%100
29	M18	X	-.695	-.695	0	%100
30	M18	Z	.401	.401	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,%]
31	M19	X	-1.698	-1.698	0	%100
32	M19	Z	.981	.981	0	%100
33	M20	X	-6.793	-6.793	0	%100
34	M20	Z	3.922	3.922	0	%100
35	M21	X	-1.698	-1.698	0	%100
36	M21	Z	.981	.981	0	%100
37	M22	X	-.828	-.828	0	%100
38	M22	Z	.478	.478	0	%100
39	MP1A	X	-2.993	-2.993	0	%100
40	MP1A	Z	1.728	1.728	0	%100
41	MP3A	X	-2.993	-2.993	0	%100
42	MP3A	Z	1.728	1.728	0	%100
43	MP4A	X	-2.993	-2.993	0	%100
44	MP4A	Z	1.728	1.728	0	%100
45	MP2A	X	-3.312	-3.312	0	%100
46	MP2A	Z	1.912	1.912	0	%100
47	MP1C	X	-2.993	-2.993	0	%100
48	MP1C	Z	1.728	1.728	0	%100
49	MP4C	X	-2.993	-2.993	0	%100
50	MP4C	Z	1.728	1.728	0	%100
51	MP1B	X	-2.993	-2.993	0	%100
52	MP1B	Z	1.728	1.728	0	%100
53	MP4B	X	-2.993	-2.993	0	%100
54	MP4B	Z	1.728	1.728	0	%100
55	M74	X	-2.458	-2.458	0	%100
56	M74	Z	1.419	1.419	0	%100
57	M70A	X	-3.312	-3.312	0	%100
58	M70A	Z	1.912	1.912	0	%100
59	M71A	X	-.828	-.828	0	%100
60	M71A	Z	.478	.478	0	%100
61	M78	X	-3.215	-3.215	0	%100
62	M78	Z	1.856	1.856	0	%100
63	M79	X	-.804	-.804	0	%100
64	M79	Z	.464	.464	0	%100
65	M80	X	-.804	-.804	0	%100
66	M80	Z	.464	.464	0	%100
67	M81	X	-3.882	-3.882	0	%100
68	M81	Z	2.241	2.241	0	%100
69	M82	X	-2.282	-2.282	0	%100
70	M82	Z	1.317	1.317	0	%100
71	M83	X	-3.882	-3.882	0	%100
72	M83	Z	2.241	2.241	0	%100
73	MP3C	X	-2.993	-2.993	0	%100
74	MP3C	Z	1.728	1.728	0	%100
75	MP2C	X	-3.312	-3.312	0	%100
76	MP2C	Z	1.912	1.912	0	%100
77	MP3B	X	-2.993	-2.993	0	%100
78	MP3B	Z	1.728	1.728	0	%100
79	MP2B	X	-3.312	-3.312	0	%100
80	MP2B	Z	1.912	1.912	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	-4.477	-4.477	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
4	M4	Z	0	0	0	%100
5	M7	X	0	0	0	%100
6	M7	Z	0	0	0	%100
7	M7A	X	0	0	0	%100
8	M7A	Z	0	0	0	%100
9	M8	X	0	0	0	%100
10	M8	Z	0	0	0	%100
11	M7B	X	-1.119	-1.119	0	%100
12	M7B	Z	0	0	0	%100
13	M9	X	-1.121	-1.121	0	%100
14	M9	Z	0	0	0	%100
15	M10	X	-2.406	-2.406	0	%100
16	M10	Z	0	0	0	%100
17	M11	X	-4.516	-4.516	0	%100
18	M11	Z	0	0	0	%100
19	M12	X	-2.406	-2.406	0	%100
20	M12	Z	0	0	0	%100
21	M13	X	-1.119	-1.119	0	%100
22	M13	Z	0	0	0	%100
23	M15	X	-1.121	-1.121	0	%100
24	M15	Z	0	0	0	%100
25	M16	X	-2.406	-2.406	0	%100
26	M16	Z	0	0	0	%100
27	M17	X	-4.516	-4.516	0	%100
28	M17	Z	0	0	0	%100
29	M18	X	-2.406	-2.406	0	%100
30	M18	Z	0	0	0	%100
31	M19	X	0	0	0	%100
32	M19	Z	0	0	0	%100
33	M20	X	-5.883	-5.883	0	%100
34	M20	Z	0	0	0	%100
35	M21	X	-5.883	-5.883	0	%100
36	M21	Z	0	0	0	%100
37	M22	X	0	0	0	%100
38	M22	Z	0	0	0	%100
39	MP1A	X	-3.456	-3.456	0	%100
40	MP1A	Z	0	0	0	%100
41	MP3A	X	-3.456	-3.456	0	%100
42	MP3A	Z	0	0	0	%100
43	MP4A	X	-3.456	-3.456	0	%100
44	MP4A	Z	0	0	0	%100
45	MP2A	X	-3.824	-3.824	0	%100
46	MP2A	Z	0	0	0	%100
47	MP1C	X	-3.456	-3.456	0	%100
48	MP1C	Z	0	0	0	%100
49	MP4C	X	-3.456	-3.456	0	%100
50	MP4C	Z	0	0	0	%100
51	MP1B	X	-3.456	-3.456	0	%100
52	MP1B	Z	0	0	0	%100
53	MP4B	X	-3.456	-3.456	0	%100
54	MP4B	Z	0	0	0	%100
55	M74	X	-2.838	-2.838	0	%100
56	M74	Z	0	0	0	%100
57	M70A	X	-2.868	-2.868	0	%100
58	M70A	Z	0	0	0	%100
59	M71A	X	-2.868	-2.868	0	%100
60	M71A	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,%]
61	M78	X	-2.784	-2.784	0	%100
62	M78	Z	0	0	0	%100
63	M79	X	0	0	0	%100
64	M79	Z	0	0	0	%100
65	M80	X	-2.784	-2.784	0	%100
66	M80	Z	0	0	0	%100
67	M81	X	-5.099	-5.099	0	%100
68	M81	Z	0	0	0	%100
69	M82	X	-3.251	-3.251	0	%100
70	M82	Z	0	0	0	%100
71	M83	X	-3.251	-3.251	0	%100
72	M83	Z	0	0	0	%100
73	MP3C	X	-3.456	-3.456	0	%100
74	MP3C	Z	0	0	0	%100
75	MP2C	X	-3.824	-3.824	0	%100
76	MP2C	Z	0	0	0	%100
77	MP3B	X	-3.456	-3.456	0	%100
78	MP3B	Z	0	0	0	%100
79	MP2B	X	-3.824	-3.824	0	%100
80	MP2B	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	-2.908	-2.908	0	%100
2	M1	Z	-1.679	-1.679	0	%100
3	M4	X	-.324	-.324	0	%100
4	M4	Z	-.187	-.187	0	%100
5	M7	X	-.695	-.695	0	%100
6	M7	Z	-.401	-.401	0	%100
7	M7A	X	-1.304	-1.304	0	%100
8	M7A	Z	-.753	-.753	0	%100
9	M8	X	-.695	-.695	0	%100
10	M8	Z	-.401	-.401	0	%100
11	M7B	X	-2.908	-2.908	0	%100
12	M7B	Z	-1.679	-1.679	0	%100
13	M9	X	-.324	-.324	0	%100
14	M9	Z	-.187	-.187	0	%100
15	M10	X	-.695	-.695	0	%100
16	M10	Z	-.401	-.401	0	%100
17	M11	X	-1.304	-1.304	0	%100
18	M11	Z	-.753	-.753	0	%100
19	M12	X	-.695	-.695	0	%100
20	M12	Z	-.401	-.401	0	%100
21	M13	X	0	0	0	%100
22	M13	Z	0	0	0	%100
23	M15	X	-1.294	-1.294	0	%100
24	M15	Z	-.747	-.747	0	%100
25	M16	X	-2.778	-2.778	0	%100
26	M16	Z	-1.604	-1.604	0	%100
27	M17	X	-5.214	-5.214	0	%100
28	M17	Z	-3.01	-3.01	0	%100
29	M18	X	-2.778	-2.778	0	%100
30	M18	Z	-1.604	-1.604	0	%100
31	M19	X	-1.698	-1.698	0	%100
32	M19	Z	-.981	-.981	0	%100
33	M20	X	-1.698	-1.698	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,%]
34	M20	Z	-.981	-.981	0	%100
35	M21	X	-6.793	-6.793	0	%100
36	M21	Z	-3.922	-3.922	0	%100
37	M22	X	-.828	-.828	0	%100
38	M22	Z	-.478	-.478	0	%100
39	MP1A	X	-2.993	-2.993	0	%100
40	MP1A	Z	-1.728	-1.728	0	%100
41	MP3A	X	-2.993	-2.993	0	%100
42	MP3A	Z	-1.728	-1.728	0	%100
43	MP4A	X	-2.993	-2.993	0	%100
44	MP4A	Z	-1.728	-1.728	0	%100
45	MP2A	X	-3.312	-3.312	0	%100
46	MP2A	Z	-1.912	-1.912	0	%100
47	MP1C	X	-2.993	-2.993	0	%100
48	MP1C	Z	-1.728	-1.728	0	%100
49	MP4C	X	-2.993	-2.993	0	%100
50	MP4C	Z	-1.728	-1.728	0	%100
51	MP1B	X	-2.993	-2.993	0	%100
52	MP1B	Z	-1.728	-1.728	0	%100
53	MP4B	X	-2.993	-2.993	0	%100
54	MP4B	Z	-1.728	-1.728	0	%100
55	M74	X	-2.458	-2.458	0	%100
56	M74	Z	-1.419	-1.419	0	%100
57	M70A	X	-.828	-.828	0	%100
58	M70A	Z	-.478	-.478	0	%100
59	M71A	X	-3.312	-3.312	0	%100
60	M71A	Z	-1.912	-1.912	0	%100
61	M78	X	-.804	-.804	0	%100
62	M78	Z	-.464	-.464	0	%100
63	M79	X	-.804	-.804	0	%100
64	M79	Z	-.464	-.464	0	%100
65	M80	X	-3.215	-3.215	0	%100
66	M80	Z	-1.856	-1.856	0	%100
67	M81	X	-3.882	-3.882	0	%100
68	M81	Z	-2.241	-2.241	0	%100
69	M82	X	-3.882	-3.882	0	%100
70	M82	Z	-2.241	-2.241	0	%100
71	M83	X	-2.282	-2.282	0	%100
72	M83	Z	-1.317	-1.317	0	%100
73	MP3C	X	-2.993	-2.993	0	%100
74	MP3C	Z	-1.728	-1.728	0	%100
75	MP2C	X	-3.312	-3.312	0	%100
76	MP2C	Z	-1.912	-1.912	0	%100
77	MP3B	X	-2.993	-2.993	0	%100
78	MP3B	Z	-1.728	-1.728	0	%100
79	MP2B	X	-3.312	-3.312	0	%100
80	MP2B	Z	-1.912	-1.912	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	-.56	-.56	0	%100
2	M1	Z	-.969	-.969	0	%100
3	M4	X	-.56	-.56	0	%100
4	M4	Z	-.971	-.971	0	%100
5	M7	X	-1.203	-1.203	0	%100
6	M7	Z	-2.084	-2.084	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,%]
7	M7A	X	-2.258	-2.258	0	%100
8	M7A	Z	-3.911	-3.911	0	%100
9	M8	X	-1.203	-1.203	0	%100
10	M8	Z	-2.084	-2.084	0	%100
11	M7B	X	-2.239	-2.239	0	%100
12	M7B	Z	-3.877	-3.877	0	%100
13	M9	X	0	0	0	%100
14	M9	Z	0	0	0	%100
15	M10	X	0	0	0	%100
16	M10	Z	0	0	0	%100
17	M11	X	0	0	0	%100
18	M11	Z	0	0	0	%100
19	M12	X	0	0	0	%100
20	M12	Z	0	0	0	%100
21	M13	X	-.56	-.56	0	%100
22	M13	Z	-.969	-.969	0	%100
23	M15	X	-.56	-.56	0	%100
24	M15	Z	-.971	-.971	0	%100
25	M16	X	-1.203	-1.203	0	%100
26	M16	Z	-2.084	-2.084	0	%100
27	M17	X	-2.258	-2.258	0	%100
28	M17	Z	-3.911	-3.911	0	%100
29	M18	X	-1.203	-1.203	0	%100
30	M18	Z	-2.084	-2.084	0	%100
31	M19	X	-2.942	-2.942	0	%100
32	M19	Z	-5.095	-5.095	0	%100
33	M20	X	0	0	0	%100
34	M20	Z	0	0	0	%100
35	M21	X	-2.942	-2.942	0	%100
36	M21	Z	-5.095	-5.095	0	%100
37	M22	X	-1.434	-1.434	0	%100
38	M22	Z	-2.484	-2.484	0	%100
39	MP1A	X	-1.728	-1.728	0	%100
40	MP1A	Z	-2.993	-2.993	0	%100
41	MP3A	X	-1.728	-1.728	0	%100
42	MP3A	Z	-2.993	-2.993	0	%100
43	MP4A	X	-1.728	-1.728	0	%100
44	MP4A	Z	-2.993	-2.993	0	%100
45	MP2A	X	-1.912	-1.912	0	%100
46	MP2A	Z	-3.312	-3.312	0	%100
47	MP1C	X	-1.728	-1.728	0	%100
48	MP1C	Z	-2.993	-2.993	0	%100
49	MP4C	X	-1.728	-1.728	0	%100
50	MP4C	Z	-2.993	-2.993	0	%100
51	MP1B	X	-1.728	-1.728	0	%100
52	MP1B	Z	-2.993	-2.993	0	%100
53	MP4B	X	-1.728	-1.728	0	%100
54	MP4B	Z	-2.993	-2.993	0	%100
55	M74	X	-1.419	-1.419	0	%100
56	M74	Z	-2.458	-2.458	0	%100
57	M70A	X	0	0	0	%100
58	M70A	Z	0	0	0	%100
59	M71A	X	-1.434	-1.434	0	%100
60	M71A	Z	-2.484	-2.484	0	%100
61	M78	X	0	0	0	%100
62	M78	Z	0	0	0	%100
63	M79	X	-1.392	-1.392	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,%]
64	M79	Z	-2.411	-2.411	0	%100
65	M80	X	-1.392	-1.392	0	%100
66	M80	Z	-2.411	-2.411	0	%100
67	M81	X	-1.625	-1.625	0	%100
68	M81	Z	-2.815	-2.815	0	%100
69	M82	X	-2.549	-2.549	0	%100
70	M82	Z	-4.416	-4.416	0	%100
71	M83	X	-1.625	-1.625	0	%100
72	M83	Z	-2.815	-2.815	0	%100
73	MP3C	X	-1.728	-1.728	0	%100
74	MP3C	Z	-2.993	-2.993	0	%100
75	MP2C	X	-1.912	-1.912	0	%100
76	MP2C	Z	-3.312	-3.312	0	%100
77	MP3B	X	-1.728	-1.728	0	%100
78	MP3B	Z	-2.993	-2.993	0	%100
79	MP2B	X	-1.912	-1.912	0	%100
80	MP2B	Z	-3.312	-3.312	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	0	0	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	-.133	-.133	0	%100
5	M7	X	0	0	0	%100
6	M7	Z	-.795	-.795	0	%100
7	M7A	X	0	0	0	%100
8	M7A	Z	-1.553	-1.553	0	%100
9	M8	X	0	0	0	%100
10	M8	Z	-.795	-.795	0	%100
11	M7B	X	0	0	0	%100
12	M7B	Z	-.748	-.748	0	%100
13	M9	X	0	0	0	%100
14	M9	Z	-.033	-.033	0	%100
15	M10	X	0	0	0	%100
16	M10	Z	-.199	-.199	0	%100
17	M11	X	0	0	0	%100
18	M11	Z	-.388	-.388	0	%100
19	M12	X	0	0	0	%100
20	M12	Z	-.199	-.199	0	%100
21	M13	X	0	0	0	%100
22	M13	Z	-.748	-.748	0	%100
23	M15	X	0	0	0	%100
24	M15	Z	-.033	-.033	0	%100
25	M16	X	0	0	0	%100
26	M16	Z	-.199	-.199	0	%100
27	M17	X	0	0	0	%100
28	M17	Z	-.388	-.388	0	%100
29	M18	X	0	0	0	%100
30	M18	Z	-.199	-.199	0	%100
31	M19	X	0	0	0	%100
32	M19	Z	-2.21	-2.21	0	%100
33	M20	X	0	0	0	%100
34	M20	Z	-.552	-.552	0	%100
35	M21	X	0	0	0	%100
36	M21	Z	-.552	-.552	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,%]
37	M22	X	0	0	0	%100
38	M22	Z	-.762	-.762	0	%100
39	MP1A	X	0	0	0	%100
40	MP1A	Z	-.63	-.63	0	%100
41	MP3A	X	0	0	0	%100
42	MP3A	Z	-.63	-.63	0	%100
43	MP4A	X	0	0	0	%100
44	MP4A	Z	-.63	-.63	0	%100
45	MP2A	X	0	0	0	%100
46	MP2A	Z	-.762	-.762	0	%100
47	MP1C	X	0	0	0	%100
48	MP1C	Z	-.63	-.63	0	%100
49	MP4C	X	0	0	0	%100
50	MP4C	Z	-.63	-.63	0	%100
51	MP1B	X	0	0	0	%100
52	MP1B	Z	-.63	-.63	0	%100
53	MP4B	X	0	0	0	%100
54	MP4B	Z	-.63	-.63	0	%100
55	M74	X	0	0	0	%100
56	M74	Z	-.515	-.515	0	%100
57	M70A	X	0	0	0	%100
58	M70A	Z	-.191	-.191	0	%100
59	M71A	X	0	0	0	%100
60	M71A	Z	-.191	-.191	0	%100
61	M78	X	0	0	0	%100
62	M78	Z	-.228	-.228	0	%100
63	M79	X	0	0	0	%100
64	M79	Z	-.912	-.912	0	%100
65	M80	X	0	0	0	%100
66	M80	Z	-.228	-.228	0	%100
67	M81	X	0	0	0	%100
68	M81	Z	-.733	-.733	0	%100
69	M82	X	0	0	0	%100
70	M82	Z	-1.099	-1.099	0	%100
71	M83	X	0	0	0	%100
72	M83	Z	-1.099	-1.099	0	%100
73	MP3C	X	0	0	0	%100
74	MP3C	Z	-.63	-.63	0	%100
75	MP2C	X	0	0	0	%100
76	MP2C	Z	-.762	-.762	0	%100
77	MP3B	X	0	0	0	%100
78	MP3B	Z	-.63	-.63	0	%100
79	MP2B	X	0	0	0	%100
80	MP2B	Z	-.762	-.762	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	.125	.125	0	%100
2	M1	Z	-.216	-.216	0	%100
3	M4	X	.05	.05	0	%100
4	M4	Z	-.086	-.086	0	%100
5	M7	X	.298	.298	0	%100
6	M7	Z	-.517	-.517	0	%100
7	M7A	X	.582	.582	0	%100
8	M7A	Z	-1.009	-1.009	0	%100
9	M8	X	.298	.298	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,%]
10	M8	Z	-.517	-.517	0	%100
11	M7B	X	.125	.125	0	%100
12	M7B	Z	-.216	-.216	0	%100
13	M9	X	.05	.05	0	%100
14	M9	Z	-.086	-.086	0	%100
15	M10	X	.298	.298	0	%100
16	M10	Z	-.517	-.517	0	%100
17	M11	X	.582	.582	0	%100
18	M11	Z	-1.009	-1.009	0	%100
19	M12	X	.298	.298	0	%100
20	M12	Z	-.517	-.517	0	%100
21	M13	X	.499	.499	0	%100
22	M13	Z	-.864	-.864	0	%100
23	M15	X	0	0	0	%100
24	M15	Z	0	0	0	%100
25	M16	X	0	0	0	%100
26	M16	Z	0	0	0	%100
27	M17	X	0	0	0	%100
28	M17	Z	0	0	0	%100
29	M18	X	0	0	0	%100
30	M18	Z	0	0	0	%100
31	M19	X	.829	.829	0	%100
32	M19	Z	-1.435	-1.435	0	%100
33	M20	X	.829	.829	0	%100
34	M20	Z	-1.435	-1.435	0	%100
35	M21	X	0	0	0	%100
36	M21	Z	0	0	0	%100
37	M22	X	.286	.286	0	%100
38	M22	Z	-.495	-.495	0	%100
39	MP1A	X	.315	.315	0	%100
40	MP1A	Z	-.545	-.545	0	%100
41	MP3A	X	.315	.315	0	%100
42	MP3A	Z	-.545	-.545	0	%100
43	MP4A	X	.315	.315	0	%100
44	MP4A	Z	-.545	-.545	0	%100
45	MP2A	X	.381	.381	0	%100
46	MP2A	Z	-.66	-.66	0	%100
47	MP1C	X	.315	.315	0	%100
48	MP1C	Z	-.545	-.545	0	%100
49	MP4C	X	.315	.315	0	%100
50	MP4C	Z	-.545	-.545	0	%100
51	MP1B	X	.315	.315	0	%100
52	MP1B	Z	-.545	-.545	0	%100
53	MP4B	X	.315	.315	0	%100
54	MP4B	Z	-.545	-.545	0	%100
55	M74	X	.257	.257	0	%100
56	M74	Z	-.446	-.446	0	%100
57	M70A	X	.286	.286	0	%100
58	M70A	Z	-.495	-.495	0	%100
59	M71A	X	0	0	0	%100
60	M71A	Z	0	0	0	%100
61	M78	X	.342	.342	0	%100
62	M78	Z	-.592	-.592	0	%100
63	M79	X	.342	.342	0	%100
64	M79	Z	-.592	-.592	0	%100
65	M80	X	0	0	0	%100
66	M80	Z	0	0	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,%]
67	M81	X	.428	.428	0	%100
68	M81	Z	-.741	-.741	0	%100
69	M82	X	.428	.428	0	%100
70	M82	Z	-.741	-.741	0	%100
71	M83	X	.611	.611	0	%100
72	M83	Z	-1.058	-1.058	0	%100
73	MP3C	X	.315	.315	0	%100
74	MP3C	Z	-.545	-.545	0	%100
75	MP2C	X	.381	.381	0	%100
76	MP2C	Z	-.66	-.66	0	%100
77	MP3B	X	.315	.315	0	%100
78	MP3B	Z	-.545	-.545	0	%100
79	MP2B	X	.381	.381	0	%100
80	MP2B	Z	-.66	-.66	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	.648	.648	0	%100
2	M1	Z	-.374	-.374	0	%100
3	M4	X	.029	.029	0	%100
4	M4	Z	-.017	-.017	0	%100
5	M7	X	.172	.172	0	%100
6	M7	Z	-.099	-.099	0	%100
7	M7A	X	.336	.336	0	%100
8	M7A	Z	-.194	-.194	0	%100
9	M8	X	.172	.172	0	%100
10	M8	Z	-.099	-.099	0	%100
11	M7B	X	0	0	0	%100
12	M7B	Z	0	0	0	%100
13	M9	X	.115	.115	0	%100
14	M9	Z	-.066	-.066	0	%100
15	M10	X	.689	.689	0	%100
16	M10	Z	-.398	-.398	0	%100
17	M11	X	1.345	1.345	0	%100
18	M11	Z	-.776	-.776	0	%100
19	M12	X	.689	.689	0	%100
20	M12	Z	-.398	-.398	0	%100
21	M13	X	.648	.648	0	%100
22	M13	Z	-.374	-.374	0	%100
23	M15	X	.029	.029	0	%100
24	M15	Z	-.017	-.017	0	%100
25	M16	X	.172	.172	0	%100
26	M16	Z	-.099	-.099	0	%100
27	M17	X	.336	.336	0	%100
28	M17	Z	-.194	-.194	0	%100
29	M18	X	.172	.172	0	%100
30	M18	Z	-.099	-.099	0	%100
31	M19	X	.478	.478	0	%100
32	M19	Z	-.276	-.276	0	%100
33	M20	X	1.914	1.914	0	%100
34	M20	Z	-1.105	-1.105	0	%100
35	M21	X	.478	.478	0	%100
36	M21	Z	-.276	-.276	0	%100
37	M22	X	.165	.165	0	%100
38	M22	Z	-.095	-.095	0	%100
39	MP1A	X	.545	.545	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,%]
40	MP1A	Z	-.315	-.315	0	%100
41	MP3A	X	.545	.545	0	%100
42	MP3A	Z	-.315	-.315	0	%100
43	MP4A	X	.545	.545	0	%100
44	MP4A	Z	-.315	-.315	0	%100
45	MP2A	X	.66	.66	0	%100
46	MP2A	Z	-.381	-.381	0	%100
47	MP1C	X	.545	.545	0	%100
48	MP1C	Z	-.315	-.315	0	%100
49	MP4C	X	.545	.545	0	%100
50	MP4C	Z	-.315	-.315	0	%100
51	MP1B	X	.545	.545	0	%100
52	MP1B	Z	-.315	-.315	0	%100
53	MP4B	X	.545	.545	0	%100
54	MP4B	Z	-.315	-.315	0	%100
55	M74	X	.446	.446	0	%100
56	M74	Z	-.257	-.257	0	%100
57	M70A	X	.66	.66	0	%100
58	M70A	Z	-.381	-.381	0	%100
59	M71A	X	.165	.165	0	%100
60	M71A	Z	-.095	-.095	0	%100
61	M78	X	.789	.789	0	%100
62	M78	Z	-.456	-.456	0	%100
63	M79	X	.197	.197	0	%100
64	M79	Z	-.114	-.114	0	%100
65	M80	X	.197	.197	0	%100
66	M80	Z	-.114	-.114	0	%100
67	M81	X	.952	.952	0	%100
68	M81	Z	-.55	-.55	0	%100
69	M82	X	.635	.635	0	%100
70	M82	Z	-.367	-.367	0	%100
71	M83	X	.952	.952	0	%100
72	M83	Z	-.55	-.55	0	%100
73	MP3C	X	.545	.545	0	%100
74	MP3C	Z	-.315	-.315	0	%100
75	MP2C	X	.66	.66	0	%100
76	MP2C	Z	-.381	-.381	0	%100
77	MP3B	X	.545	.545	0	%100
78	MP3B	Z	-.315	-.315	0	%100
79	MP2B	X	.66	.66	0	%100
80	MP2B	Z	-.381	-.381	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	.997	.997	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M7	X	0	0	0	%100
6	M7	Z	0	0	0	%100
7	M7A	X	0	0	0	%100
8	M7A	Z	0	0	0	%100
9	M8	X	0	0	0	%100
10	M8	Z	0	0	0	%100
11	M7B	X	.249	.249	0	%100
12	M7B	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,%]
13	M9	X	.1	.1	0	%100
14	M9	Z	0	0	0	%100
15	M10	X	.597	.597	0	%100
16	M10	Z	0	0	0	%100
17	M11	X	1.165	1.165	0	%100
18	M11	Z	0	0	0	%100
19	M12	X	.597	.597	0	%100
20	M12	Z	0	0	0	%100
21	M13	X	.249	.249	0	%100
22	M13	Z	0	0	0	%100
23	M15	X	.1	.1	0	%100
24	M15	Z	0	0	0	%100
25	M16	X	.597	.597	0	%100
26	M16	Z	0	0	0	%100
27	M17	X	1.165	1.165	0	%100
28	M17	Z	0	0	0	%100
29	M18	X	.597	.597	0	%100
30	M18	Z	0	0	0	%100
31	M19	X	0	0	0	%100
32	M19	Z	0	0	0	%100
33	M20	X	1.657	1.657	0	%100
34	M20	Z	0	0	0	%100
35	M21	X	1.657	1.657	0	%100
36	M21	Z	0	0	0	%100
37	M22	X	0	0	0	%100
38	M22	Z	0	0	0	%100
39	MP1A	X	.63	.63	0	%100
40	MP1A	Z	0	0	0	%100
41	MP3A	X	.63	.63	0	%100
42	MP3A	Z	0	0	0	%100
43	MP4A	X	.63	.63	0	%100
44	MP4A	Z	0	0	0	%100
45	MP2A	X	.762	.762	0	%100
46	MP2A	Z	0	0	0	%100
47	MP1C	X	.63	.63	0	%100
48	MP1C	Z	0	0	0	%100
49	MP4C	X	.63	.63	0	%100
50	MP4C	Z	0	0	0	%100
51	MP1B	X	.63	.63	0	%100
52	MP1B	Z	0	0	0	%100
53	MP4B	X	.63	.63	0	%100
54	MP4B	Z	0	0	0	%100
55	M74	X	.515	.515	0	%100
56	M74	Z	0	0	0	%100
57	M70A	X	.572	.572	0	%100
58	M70A	Z	0	0	0	%100
59	M71A	X	.572	.572	0	%100
60	M71A	Z	0	0	0	%100
61	M78	X	.684	.684	0	%100
62	M78	Z	0	0	0	%100
63	M79	X	0	0	0	%100
64	M79	Z	0	0	0	%100
65	M80	X	.684	.684	0	%100
66	M80	Z	0	0	0	%100
67	M81	X	1.221	1.221	0	%100
68	M81	Z	0	0	0	%100
69	M82	X	.855	.855	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,%]
70	M82	Z	0	0	0	%100
71	M83	X	.855	.855	0	%100
72	M83	Z	0	0	0	%100
73	MP3C	X	.63	.63	0	%100
74	MP3C	Z	0	0	0	%100
75	MP2C	X	.762	.762	0	%100
76	MP2C	Z	0	0	0	%100
77	MP3B	X	.63	.63	0	%100
78	MP3B	Z	0	0	0	%100
79	MP2B	X	.762	.762	0	%100
80	MP2B	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	.648	.648	0	%100
2	M1	Z	.374	.374	0	%100
3	M4	X	.029	.029	0	%100
4	M4	Z	.017	.017	0	%100
5	M7	X	.172	.172	0	%100
6	M7	Z	.099	.099	0	%100
7	M7A	X	.336	.336	0	%100
8	M7A	Z	.194	.194	0	%100
9	M8	X	.172	.172	0	%100
10	M8	Z	.099	.099	0	%100
11	M7B	X	.648	.648	0	%100
12	M7B	Z	.374	.374	0	%100
13	M9	X	.029	.029	0	%100
14	M9	Z	.017	.017	0	%100
15	M10	X	.172	.172	0	%100
16	M10	Z	.099	.099	0	%100
17	M11	X	.336	.336	0	%100
18	M11	Z	.194	.194	0	%100
19	M12	X	.172	.172	0	%100
20	M12	Z	.099	.099	0	%100
21	M13	X	0	0	0	%100
22	M13	Z	0	0	0	%100
23	M15	X	.115	.115	0	%100
24	M15	Z	.066	.066	0	%100
25	M16	X	.689	.689	0	%100
26	M16	Z	.398	.398	0	%100
27	M17	X	1.345	1.345	0	%100
28	M17	Z	.776	.776	0	%100
29	M18	X	.689	.689	0	%100
30	M18	Z	.398	.398	0	%100
31	M19	X	.478	.478	0	%100
32	M19	Z	.276	.276	0	%100
33	M20	X	.478	.478	0	%100
34	M20	Z	.276	.276	0	%100
35	M21	X	1.914	1.914	0	%100
36	M21	Z	1.105	1.105	0	%100
37	M22	X	.165	.165	0	%100
38	M22	Z	.095	.095	0	%100
39	MP1A	X	.545	.545	0	%100
40	MP1A	Z	.315	.315	0	%100
41	MP3A	X	.545	.545	0	%100
42	MP3A	Z	.315	.315	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,%]
43	MP4A	X	.545	.545	0	%100
44	MP4A	Z	.315	.315	0	%100
45	MP2A	X	.66	.66	0	%100
46	MP2A	Z	.381	.381	0	%100
47	MP1C	X	.545	.545	0	%100
48	MP1C	Z	.315	.315	0	%100
49	MP4C	X	.545	.545	0	%100
50	MP4C	Z	.315	.315	0	%100
51	MP1B	X	.545	.545	0	%100
52	MP1B	Z	.315	.315	0	%100
53	MP4B	X	.545	.545	0	%100
54	MP4B	Z	.315	.315	0	%100
55	M74	X	.446	.446	0	%100
56	M74	Z	.257	.257	0	%100
57	M70A	X	.165	.165	0	%100
58	M70A	Z	.095	.095	0	%100
59	M71A	X	.66	.66	0	%100
60	M71A	Z	.381	.381	0	%100
61	M78	X	.197	.197	0	%100
62	M78	Z	.114	.114	0	%100
63	M79	X	.197	.197	0	%100
64	M79	Z	.114	.114	0	%100
65	M80	X	.789	.789	0	%100
66	M80	Z	.456	.456	0	%100
67	M81	X	.952	.952	0	%100
68	M81	Z	.55	.55	0	%100
69	M82	X	.952	.952	0	%100
70	M82	Z	.55	.55	0	%100
71	M83	X	.635	.635	0	%100
72	M83	Z	.367	.367	0	%100
73	MP3C	X	.545	.545	0	%100
74	MP3C	Z	.315	.315	0	%100
75	MP2C	X	.66	.66	0	%100
76	MP2C	Z	.381	.381	0	%100
77	MP3B	X	.545	.545	0	%100
78	MP3B	Z	.315	.315	0	%100
79	MP2B	X	.66	.66	0	%100
80	MP2B	Z	.381	.381	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	.125	.125	0	%100
2	M1	Z	.216	.216	0	%100
3	M4	X	.05	.05	0	%100
4	M4	Z	.086	.086	0	%100
5	M7	X	.298	.298	0	%100
6	M7	Z	.517	.517	0	%100
7	M7A	X	.582	.582	0	%100
8	M7A	Z	1.009	1.009	0	%100
9	M8	X	.298	.298	0	%100
10	M8	Z	.517	.517	0	%100
11	M7B	X	.499	.499	0	%100
12	M7B	Z	.864	.864	0	%100
13	M9	X	0	0	0	%100
14	M9	Z	0	0	0	%100
15	M10	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
16	M10	Z	0	0	0	%100
17	M11	X	0	0	0	%100
18	M11	Z	0	0	0	%100
19	M12	X	0	0	0	%100
20	M12	Z	0	0	0	%100
21	M13	X	.125	.125	0	%100
22	M13	Z	.216	.216	0	%100
23	M15	X	.05	.05	0	%100
24	M15	Z	.086	.086	0	%100
25	M16	X	.298	.298	0	%100
26	M16	Z	.517	.517	0	%100
27	M17	X	.582	.582	0	%100
28	M17	Z	1.009	1.009	0	%100
29	M18	X	.298	.298	0	%100
30	M18	Z	.517	.517	0	%100
31	M19	X	.829	.829	0	%100
32	M19	Z	1.435	1.435	0	%100
33	M20	X	0	0	0	%100
34	M20	Z	0	0	0	%100
35	M21	X	.829	.829	0	%100
36	M21	Z	1.435	1.435	0	%100
37	M22	X	.286	.286	0	%100
38	M22	Z	.495	.495	0	%100
39	MP1A	X	.315	.315	0	%100
40	MP1A	Z	.545	.545	0	%100
41	MP3A	X	.315	.315	0	%100
42	MP3A	Z	.545	.545	0	%100
43	MP4A	X	.315	.315	0	%100
44	MP4A	Z	.545	.545	0	%100
45	MP2A	X	.381	.381	0	%100
46	MP2A	Z	.66	.66	0	%100
47	MP1C	X	.315	.315	0	%100
48	MP1C	Z	.545	.545	0	%100
49	MP4C	X	.315	.315	0	%100
50	MP4C	Z	.545	.545	0	%100
51	MP1B	X	.315	.315	0	%100
52	MP1B	Z	.545	.545	0	%100
53	MP4B	X	.315	.315	0	%100
54	MP4B	Z	.545	.545	0	%100
55	M74	X	.257	.257	0	%100
56	M74	Z	.446	.446	0	%100
57	M70A	X	0	0	0	%100
58	M70A	Z	0	0	0	%100
59	M71A	X	.286	.286	0	%100
60	M71A	Z	.495	.495	0	%100
61	M78	X	0	0	0	%100
62	M78	Z	0	0	0	%100
63	M79	X	.342	.342	0	%100
64	M79	Z	.592	.592	0	%100
65	M80	X	.342	.342	0	%100
66	M80	Z	.592	.592	0	%100
67	M81	X	.428	.428	0	%100
68	M81	Z	.741	.741	0	%100
69	M82	X	.611	.611	0	%100
70	M82	Z	1.058	1.058	0	%100
71	M83	X	.428	.428	0	%100
72	M83	Z	.741	.741	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,%]
73	MP3C	X	.315	.315	0	%100
74	MP3C	Z	.545	.545	0	%100
75	MP2C	X	.381	.381	0	%100
76	MP2C	Z	.66	.66	0	%100
77	MP3B	X	.315	.315	0	%100
78	MP3B	Z	.545	.545	0	%100
79	MP2B	X	.381	.381	0	%100
80	MP2B	Z	.66	.66	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	0	0	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	.133	.133	0	%100
5	M7	X	0	0	0	%100
6	M7	Z	.795	.795	0	%100
7	M7A	X	0	0	0	%100
8	M7A	Z	1.553	1.553	0	%100
9	M8	X	0	0	0	%100
10	M8	Z	.795	.795	0	%100
11	M7B	X	0	0	0	%100
12	M7B	Z	.748	.748	0	%100
13	M9	X	0	0	0	%100
14	M9	Z	.033	.033	0	%100
15	M10	X	0	0	0	%100
16	M10	Z	.199	.199	0	%100
17	M11	X	0	0	0	%100
18	M11	Z	.388	.388	0	%100
19	M12	X	0	0	0	%100
20	M12	Z	.199	.199	0	%100
21	M13	X	0	0	0	%100
22	M13	Z	.748	.748	0	%100
23	M15	X	0	0	0	%100
24	M15	Z	.033	.033	0	%100
25	M16	X	0	0	0	%100
26	M16	Z	.199	.199	0	%100
27	M17	X	0	0	0	%100
28	M17	Z	.388	.388	0	%100
29	M18	X	0	0	0	%100
30	M18	Z	.199	.199	0	%100
31	M19	X	0	0	0	%100
32	M19	Z	2.21	2.21	0	%100
33	M20	X	0	0	0	%100
34	M20	Z	.552	.552	0	%100
35	M21	X	0	0	0	%100
36	M21	Z	.552	.552	0	%100
37	M22	X	0	0	0	%100
38	M22	Z	.762	.762	0	%100
39	MP1A	X	0	0	0	%100
40	MP1A	Z	.63	.63	0	%100
41	MP3A	X	0	0	0	%100
42	MP3A	Z	.63	.63	0	%100
43	MP4A	X	0	0	0	%100
44	MP4A	Z	.63	.63	0	%100
45	MP2A	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
46	MP2A	Z	.762	.762	0	%100
47	MP1C	X	0	0	0	%100
48	MP1C	Z	.63	.63	0	%100
49	MP4C	X	0	0	0	%100
50	MP4C	Z	.63	.63	0	%100
51	MP1B	X	0	0	0	%100
52	MP1B	Z	.63	.63	0	%100
53	MP4B	X	0	0	0	%100
54	MP4B	Z	.63	.63	0	%100
55	M74	X	0	0	0	%100
56	M74	Z	.515	.515	0	%100
57	M70A	X	0	0	0	%100
58	M70A	Z	.191	.191	0	%100
59	M71A	X	0	0	0	%100
60	M71A	Z	.191	.191	0	%100
61	M78	X	0	0	0	%100
62	M78	Z	.228	.228	0	%100
63	M79	X	0	0	0	%100
64	M79	Z	.912	.912	0	%100
65	M80	X	0	0	0	%100
66	M80	Z	.228	.228	0	%100
67	M81	X	0	0	0	%100
68	M81	Z	.733	.733	0	%100
69	M82	X	0	0	0	%100
70	M82	Z	1.099	1.099	0	%100
71	M83	X	0	0	0	%100
72	M83	Z	1.099	1.099	0	%100
73	MP3C	X	0	0	0	%100
74	MP3C	Z	.63	.63	0	%100
75	MP2C	X	0	0	0	%100
76	MP2C	Z	.762	.762	0	%100
77	MP3B	X	0	0	0	%100
78	MP3B	Z	.63	.63	0	%100
79	MP2B	X	0	0	0	%100
80	MP2B	Z	.762	.762	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	-.125	-.125	0	%100
2	M1	Z	.216	.216	0	%100
3	M4	X	-.05	-.05	0	%100
4	M4	Z	.086	.086	0	%100
5	M7	X	-.298	-.298	0	%100
6	M7	Z	.517	.517	0	%100
7	M7A	X	-.582	-.582	0	%100
8	M7A	Z	1.009	1.009	0	%100
9	M8	X	-.298	-.298	0	%100
10	M8	Z	.517	.517	0	%100
11	M7B	X	-.125	-.125	0	%100
12	M7B	Z	.216	.216	0	%100
13	M9	X	-.05	-.05	0	%100
14	M9	Z	.086	.086	0	%100
15	M10	X	-.298	-.298	0	%100
16	M10	Z	.517	.517	0	%100
17	M11	X	-.582	-.582	0	%100
18	M11	Z	1.009	1.009	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,%]
19	M12	X	-.298	-.298	0	%100
20	M12	Z	.517	.517	0	%100
21	M13	X	-.499	-.499	0	%100
22	M13	Z	.864	.864	0	%100
23	M15	X	0	0	0	%100
24	M15	Z	0	0	0	%100
25	M16	X	0	0	0	%100
26	M16	Z	0	0	0	%100
27	M17	X	0	0	0	%100
28	M17	Z	0	0	0	%100
29	M18	X	0	0	0	%100
30	M18	Z	0	0	0	%100
31	M19	X	-.829	-.829	0	%100
32	M19	Z	1.435	1.435	0	%100
33	M20	X	-.829	-.829	0	%100
34	M20	Z	1.435	1.435	0	%100
35	M21	X	0	0	0	%100
36	M21	Z	0	0	0	%100
37	M22	X	-.286	-.286	0	%100
38	M22	Z	.495	.495	0	%100
39	MP1A	X	-.315	-.315	0	%100
40	MP1A	Z	.545	.545	0	%100
41	MP3A	X	-.315	-.315	0	%100
42	MP3A	Z	.545	.545	0	%100
43	MP4A	X	-.315	-.315	0	%100
44	MP4A	Z	.545	.545	0	%100
45	MP2A	X	-.381	-.381	0	%100
46	MP2A	Z	.66	.66	0	%100
47	MP1C	X	-.315	-.315	0	%100
48	MP1C	Z	.545	.545	0	%100
49	MP4C	X	-.315	-.315	0	%100
50	MP4C	Z	.545	.545	0	%100
51	MP1B	X	-.315	-.315	0	%100
52	MP1B	Z	.545	.545	0	%100
53	MP4B	X	-.315	-.315	0	%100
54	MP4B	Z	.545	.545	0	%100
55	M74	X	-.257	-.257	0	%100
56	M74	Z	.446	.446	0	%100
57	M70A	X	-.286	-.286	0	%100
58	M70A	Z	.495	.495	0	%100
59	M71A	X	0	0	0	%100
60	M71A	Z	0	0	0	%100
61	M78	X	-.342	-.342	0	%100
62	M78	Z	.592	.592	0	%100
63	M79	X	-.342	-.342	0	%100
64	M79	Z	.592	.592	0	%100
65	M80	X	0	0	0	%100
66	M80	Z	0	0	0	%100
67	M81	X	-.428	-.428	0	%100
68	M81	Z	.741	.741	0	%100
69	M82	X	-.428	-.428	0	%100
70	M82	Z	.741	.741	0	%100
71	M83	X	-.611	-.611	0	%100
72	M83	Z	1.058	1.058	0	%100
73	MP3C	X	-.315	-.315	0	%100
74	MP3C	Z	.545	.545	0	%100
75	MP2C	X	-.381	-.381	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,%]
76	MP2C	Z	.66	.66	0	%100
77	MP3B	X	-.315	-.315	0	%100
78	MP3B	Z	.545	.545	0	%100
79	MP2B	X	-.381	-.381	0	%100
80	MP2B	Z	.66	.66	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	-.648	-.648	0	%100
2	M1	Z	.374	.374	0	%100
3	M4	X	-.029	-.029	0	%100
4	M4	Z	.017	.017	0	%100
5	M7	X	-.172	-.172	0	%100
6	M7	Z	.099	.099	0	%100
7	M7A	X	-.336	-.336	0	%100
8	M7A	Z	.194	.194	0	%100
9	M8	X	-.172	-.172	0	%100
10	M8	Z	.099	.099	0	%100
11	M7B	X	0	0	0	%100
12	M7B	Z	0	0	0	%100
13	M9	X	-.115	-.115	0	%100
14	M9	Z	.066	.066	0	%100
15	M10	X	-.689	-.689	0	%100
16	M10	Z	.398	.398	0	%100
17	M11	X	-1.345	-1.345	0	%100
18	M11	Z	.776	.776	0	%100
19	M12	X	-.689	-.689	0	%100
20	M12	Z	.398	.398	0	%100
21	M13	X	-.648	-.648	0	%100
22	M13	Z	.374	.374	0	%100
23	M15	X	-.029	-.029	0	%100
24	M15	Z	.017	.017	0	%100
25	M16	X	-.172	-.172	0	%100
26	M16	Z	.099	.099	0	%100
27	M17	X	-.336	-.336	0	%100
28	M17	Z	.194	.194	0	%100
29	M18	X	-.172	-.172	0	%100
30	M18	Z	.099	.099	0	%100
31	M19	X	-.478	-.478	0	%100
32	M19	Z	.276	.276	0	%100
33	M20	X	-1.914	-1.914	0	%100
34	M20	Z	1.105	1.105	0	%100
35	M21	X	-.478	-.478	0	%100
36	M21	Z	.276	.276	0	%100
37	M22	X	-.165	-.165	0	%100
38	M22	Z	.095	.095	0	%100
39	MP1A	X	-.545	-.545	0	%100
40	MP1A	Z	.315	.315	0	%100
41	MP3A	X	-.545	-.545	0	%100
42	MP3A	Z	.315	.315	0	%100
43	MP4A	X	-.545	-.545	0	%100
44	MP4A	Z	.315	.315	0	%100
45	MP2A	X	-.66	-.66	0	%100
46	MP2A	Z	.381	.381	0	%100
47	MP1C	X	-.545	-.545	0	%100
48	MP1C	Z	.315	.315	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,%]
49	MP4C	X	-.545	-.545	0	%100
50	MP4C	Z	.315	.315	0	%100
51	MP1B	X	-.545	-.545	0	%100
52	MP1B	Z	.315	.315	0	%100
53	MP4B	X	-.545	-.545	0	%100
54	MP4B	Z	.315	.315	0	%100
55	M74	X	-.446	-.446	0	%100
56	M74	Z	.257	.257	0	%100
57	M70A	X	-.66	-.66	0	%100
58	M70A	Z	.381	.381	0	%100
59	M71A	X	-.165	-.165	0	%100
60	M71A	Z	.095	.095	0	%100
61	M78	X	-.789	-.789	0	%100
62	M78	Z	.456	.456	0	%100
63	M79	X	-.197	-.197	0	%100
64	M79	Z	.114	.114	0	%100
65	M80	X	-.197	-.197	0	%100
66	M80	Z	.114	.114	0	%100
67	M81	X	-.952	-.952	0	%100
68	M81	Z	.55	.55	0	%100
69	M82	X	-.635	-.635	0	%100
70	M82	Z	.367	.367	0	%100
71	M83	X	-.952	-.952	0	%100
72	M83	Z	.55	.55	0	%100
73	MP3C	X	-.545	-.545	0	%100
74	MP3C	Z	.315	.315	0	%100
75	MP2C	X	-.66	-.66	0	%100
76	MP2C	Z	.381	.381	0	%100
77	MP3B	X	-.545	-.545	0	%100
78	MP3B	Z	.315	.315	0	%100
79	MP2B	X	-.66	-.66	0	%100
80	MP2B	Z	.381	.381	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	-.997	-.997	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M7	X	0	0	0	%100
6	M7	Z	0	0	0	%100
7	M7A	X	0	0	0	%100
8	M7A	Z	0	0	0	%100
9	M8	X	0	0	0	%100
10	M8	Z	0	0	0	%100
11	M7B	X	-.249	-.249	0	%100
12	M7B	Z	0	0	0	%100
13	M9	X	-.1	-.1	0	%100
14	M9	Z	0	0	0	%100
15	M10	X	-.597	-.597	0	%100
16	M10	Z	0	0	0	%100
17	M11	X	-1.165	-1.165	0	%100
18	M11	Z	0	0	0	%100
19	M12	X	-.597	-.597	0	%100
20	M12	Z	0	0	0	%100
21	M13	X	-.249	-.249	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,%]
22	M13	Z	0	0	0	%100
23	M15	X	-.1	-.1	0	%100
24	M15	Z	0	0	0	%100
25	M16	X	-.597	-.597	0	%100
26	M16	Z	0	0	0	%100
27	M17	X	-1.165	-1.165	0	%100
28	M17	Z	0	0	0	%100
29	M18	X	-.597	-.597	0	%100
30	M18	Z	0	0	0	%100
31	M19	X	0	0	0	%100
32	M19	Z	0	0	0	%100
33	M20	X	-1.657	-1.657	0	%100
34	M20	Z	0	0	0	%100
35	M21	X	-1.657	-1.657	0	%100
36	M21	Z	0	0	0	%100
37	M22	X	0	0	0	%100
38	M22	Z	0	0	0	%100
39	MP1A	X	-.63	-.63	0	%100
40	MP1A	Z	0	0	0	%100
41	MP3A	X	-.63	-.63	0	%100
42	MP3A	Z	0	0	0	%100
43	MP4A	X	-.63	-.63	0	%100
44	MP4A	Z	0	0	0	%100
45	MP2A	X	-.762	-.762	0	%100
46	MP2A	Z	0	0	0	%100
47	MP1C	X	-.63	-.63	0	%100
48	MP1C	Z	0	0	0	%100
49	MP4C	X	-.63	-.63	0	%100
50	MP4C	Z	0	0	0	%100
51	MP1B	X	-.63	-.63	0	%100
52	MP1B	Z	0	0	0	%100
53	MP4B	X	-.63	-.63	0	%100
54	MP4B	Z	0	0	0	%100
55	M74	X	-.515	-.515	0	%100
56	M74	Z	0	0	0	%100
57	M70A	X	-.572	-.572	0	%100
58	M70A	Z	0	0	0	%100
59	M71A	X	-.572	-.572	0	%100
60	M71A	Z	0	0	0	%100
61	M78	X	-.684	-.684	0	%100
62	M78	Z	0	0	0	%100
63	M79	X	0	0	0	%100
64	M79	Z	0	0	0	%100
65	M80	X	-.684	-.684	0	%100
66	M80	Z	0	0	0	%100
67	M81	X	-1.221	-1.221	0	%100
68	M81	Z	0	0	0	%100
69	M82	X	-.855	-.855	0	%100
70	M82	Z	0	0	0	%100
71	M83	X	-.855	-.855	0	%100
72	M83	Z	0	0	0	%100
73	MP3C	X	-.63	-.63	0	%100
74	MP3C	Z	0	0	0	%100
75	MP2C	X	-.762	-.762	0	%100
76	MP2C	Z	0	0	0	%100
77	MP3B	X	-.63	-.63	0	%100
78	MP3B	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,%]
79	MP2B	X	-.762	-.762	0	%100
80	MP2B	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	-.648	-.648	0	%100
2	M1	Z	-.374	-.374	0	%100
3	M4	X	-.029	-.029	0	%100
4	M4	Z	-.017	-.017	0	%100
5	M7	X	-.172	-.172	0	%100
6	M7	Z	-.099	-.099	0	%100
7	M7A	X	-.336	-.336	0	%100
8	M7A	Z	-.194	-.194	0	%100
9	M8	X	-.172	-.172	0	%100
10	M8	Z	-.099	-.099	0	%100
11	M7B	X	-.648	-.648	0	%100
12	M7B	Z	-.374	-.374	0	%100
13	M9	X	-.029	-.029	0	%100
14	M9	Z	-.017	-.017	0	%100
15	M10	X	-.172	-.172	0	%100
16	M10	Z	-.099	-.099	0	%100
17	M11	X	-.336	-.336	0	%100
18	M11	Z	-.194	-.194	0	%100
19	M12	X	-.172	-.172	0	%100
20	M12	Z	-.099	-.099	0	%100
21	M13	X	0	0	0	%100
22	M13	Z	0	0	0	%100
23	M15	X	-.115	-.115	0	%100
24	M15	Z	-.066	-.066	0	%100
25	M16	X	-.689	-.689	0	%100
26	M16	Z	-.398	-.398	0	%100
27	M17	X	-1.345	-1.345	0	%100
28	M17	Z	-.776	-.776	0	%100
29	M18	X	-.689	-.689	0	%100
30	M18	Z	-.398	-.398	0	%100
31	M19	X	-.478	-.478	0	%100
32	M19	Z	-.276	-.276	0	%100
33	M20	X	-.478	-.478	0	%100
34	M20	Z	-.276	-.276	0	%100
35	M21	X	-1.914	-1.914	0	%100
36	M21	Z	-1.105	-1.105	0	%100
37	M22	X	-.165	-.165	0	%100
38	M22	Z	-.095	-.095	0	%100
39	MP1A	X	-.545	-.545	0	%100
40	MP1A	Z	-.315	-.315	0	%100
41	MP3A	X	-.545	-.545	0	%100
42	MP3A	Z	-.315	-.315	0	%100
43	MP4A	X	-.545	-.545	0	%100
44	MP4A	Z	-.315	-.315	0	%100
45	MP2A	X	-.66	-.66	0	%100
46	MP2A	Z	-.381	-.381	0	%100
47	MP1C	X	-.545	-.545	0	%100
48	MP1C	Z	-.315	-.315	0	%100
49	MP4C	X	-.545	-.545	0	%100
50	MP4C	Z	-.315	-.315	0	%100
51	MP1B	X	-.545	-.545	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,%]
52	MP1B	Z	-.315	-.315	0	%100
53	MP4B	X	-.545	-.545	0	%100
54	MP4B	Z	-.315	-.315	0	%100
55	M74	X	-.446	-.446	0	%100
56	M74	Z	-.257	-.257	0	%100
57	M70A	X	-.165	-.165	0	%100
58	M70A	Z	-.095	-.095	0	%100
59	M71A	X	-.66	-.66	0	%100
60	M71A	Z	-.381	-.381	0	%100
61	M78	X	-.197	-.197	0	%100
62	M78	Z	-.114	-.114	0	%100
63	M79	X	-.197	-.197	0	%100
64	M79	Z	-.114	-.114	0	%100
65	M80	X	-.789	-.789	0	%100
66	M80	Z	-.456	-.456	0	%100
67	M81	X	-.952	-.952	0	%100
68	M81	Z	-.55	-.55	0	%100
69	M82	X	-.952	-.952	0	%100
70	M82	Z	-.55	-.55	0	%100
71	M83	X	-.635	-.635	0	%100
72	M83	Z	-.367	-.367	0	%100
73	MP3C	X	-.545	-.545	0	%100
74	MP3C	Z	-.315	-.315	0	%100
75	MP2C	X	-.66	-.66	0	%100
76	MP2C	Z	-.381	-.381	0	%100
77	MP3B	X	-.545	-.545	0	%100
78	MP3B	Z	-.315	-.315	0	%100
79	MP2B	X	-.66	-.66	0	%100
80	MP2B	Z	-.381	-.381	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	-.125	-.125	0	%100
2	M1	Z	-.216	-.216	0	%100
3	M4	X	-.05	-.05	0	%100
4	M4	Z	-.086	-.086	0	%100
5	M7	X	-.298	-.298	0	%100
6	M7	Z	-.517	-.517	0	%100
7	M7A	X	-.582	-.582	0	%100
8	M7A	Z	-1.009	-1.009	0	%100
9	M8	X	-.298	-.298	0	%100
10	M8	Z	-.517	-.517	0	%100
11	M7B	X	-.499	-.499	0	%100
12	M7B	Z	-.864	-.864	0	%100
13	M9	X	0	0	0	%100
14	M9	Z	0	0	0	%100
15	M10	X	0	0	0	%100
16	M10	Z	0	0	0	%100
17	M11	X	0	0	0	%100
18	M11	Z	0	0	0	%100
19	M12	X	0	0	0	%100
20	M12	Z	0	0	0	%100
21	M13	X	-.125	-.125	0	%100
22	M13	Z	-.216	-.216	0	%100
23	M15	X	-.05	-.05	0	%100
24	M15	Z	-.086	-.086	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,%]
25	M16	X	-.298	-.298	0	%100
26	M16	Z	-.517	-.517	0	%100
27	M17	X	-.582	-.582	0	%100
28	M17	Z	-1.009	-1.009	0	%100
29	M18	X	-.298	-.298	0	%100
30	M18	Z	-.517	-.517	0	%100
31	M19	X	-.829	-.829	0	%100
32	M19	Z	-1.435	-1.435	0	%100
33	M20	X	0	0	0	%100
34	M20	Z	0	0	0	%100
35	M21	X	-.829	-.829	0	%100
36	M21	Z	-1.435	-1.435	0	%100
37	M22	X	-.286	-.286	0	%100
38	M22	Z	-.495	-.495	0	%100
39	MP1A	X	-.315	-.315	0	%100
40	MP1A	Z	-.545	-.545	0	%100
41	MP3A	X	-.315	-.315	0	%100
42	MP3A	Z	-.545	-.545	0	%100
43	MP4A	X	-.315	-.315	0	%100
44	MP4A	Z	-.545	-.545	0	%100
45	MP2A	X	-.381	-.381	0	%100
46	MP2A	Z	-.66	-.66	0	%100
47	MP1C	X	-.315	-.315	0	%100
48	MP1C	Z	-.545	-.545	0	%100
49	MP4C	X	-.315	-.315	0	%100
50	MP4C	Z	-.545	-.545	0	%100
51	MP1B	X	-.315	-.315	0	%100
52	MP1B	Z	-.545	-.545	0	%100
53	MP4B	X	-.315	-.315	0	%100
54	MP4B	Z	-.545	-.545	0	%100
55	M74	X	-.257	-.257	0	%100
56	M74	Z	-.446	-.446	0	%100
57	M70A	X	0	0	0	%100
58	M70A	Z	0	0	0	%100
59	M71A	X	-.286	-.286	0	%100
60	M71A	Z	-.495	-.495	0	%100
61	M78	X	0	0	0	%100
62	M78	Z	0	0	0	%100
63	M79	X	-.342	-.342	0	%100
64	M79	Z	-.592	-.592	0	%100
65	M80	X	-.342	-.342	0	%100
66	M80	Z	-.592	-.592	0	%100
67	M81	X	-.428	-.428	0	%100
68	M81	Z	-.741	-.741	0	%100
69	M82	X	-.611	-.611	0	%100
70	M82	Z	-1.058	-1.058	0	%100
71	M83	X	-.428	-.428	0	%100
72	M83	Z	-.741	-.741	0	%100
73	MP3C	X	-.315	-.315	0	%100
74	MP3C	Z	-.545	-.545	0	%100
75	MP2C	X	-.381	-.381	0	%100
76	MP2C	Z	-.66	-.66	0	%100
77	MP3B	X	-.315	-.315	0	%100
78	MP3B	Z	-.545	-.545	0	%100
79	MP2B	X	-.381	-.381	0	%100
80	MP2B	Z	-.66	-.66	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M9	Y	-2.732	-2.732	.262	1.262
2	M10	Y	-.91	-.91	.056	.443
3	M11	Y	-1.488	-4.77	0	1.181
4	M11	Y	-4.77	-7.969	1.181	2.362
5	M11	Y	-7.969	-8.506	2.362	3.543
6	M11	Y	-8.506	-5.831	3.543	4.724
7	M11	Y	-5.831	-2.524	4.724	5.905
8	M12	Y	-.873	-.873	.064	.445
9	M19	Y	-.964	-5.482	0	1.54
10	M19	Y	-5.482	-8.29	1.54	3.08
11	M19	Y	-8.29	-6.15	3.08	4.62
12	M19	Y	-6.15	-1.843	4.62	6.16
13	M19	Y	-1.843	-.226	6.16	7.7
14	M21	Y	-.156	-1.206	5.133	6.673
15	M21	Y	-1.206	-4.958	6.673	8.213
16	M21	Y	-4.958	-8.551	8.213	9.753
17	M21	Y	-8.551	-5.579	9.753	11.293
18	M21	Y	-5.579	-.156	11.293	12.833
19	M7	Y	-.247	-1.175	0	.25
20	M7	Y	-1.175	-2.103	.25	.5
21	M7A	Y	-2.194	-3.134	0	.354
22	M7A	Y	-3.134	-3.637	.354	.709
23	M7A	Y	-3.637	-3.213	.709	1.063
24	M7A	Y	-3.213	-1.402	1.063	1.417
25	M7A	Y	-1.402	-.047	1.417	1.771
26	M11	Y	-.052	-1.406	4.133	4.488
27	M11	Y	-1.406	-3.692	4.488	4.842
28	M11	Y	-3.692	-4.091	4.842	5.196
29	M11	Y	-4.091	-3.034	5.196	5.551
30	M11	Y	-3.034	-1.988	5.551	5.905
31	M12	Y	-2.033	-1.587	0	.167
32	M12	Y	-1.587	-.969	.167	.333
33	M12	Y	-.969	-.18	.333	.5
34	M21	Y	-.446	-.446	6.314	6.517
35	M4	Y	-10.852	-10.852	.402	.793
36	M7	Y	-.977	-.977	.055	.432
37	M7A	Y	-.715	-5.989	0	1.181
38	M7A	Y	-5.989	-9.048	1.181	2.362
39	M7A	Y	-9.048	-7.974	2.362	3.543
40	M7A	Y	-7.974	-5.69	3.543	4.724
41	M7A	Y	-5.69	-4.116	4.724	5.905
42	M8	Y	-.908	-.908	.063	.443
43	M20	Y	-.137	-1.477	5.133	6.673
44	M20	Y	-1.477	-5.942	6.673	8.213
45	M20	Y	-5.942	-7.947	8.213	9.753
46	M20	Y	-7.947	-4.168	9.753	11.293
47	M20	Y	-4.168	-.137	11.293	12.833
48	M21	Y	-.141	-5.643	0	1.54
49	M21	Y	-5.643	-8.468	1.54	3.08
50	M21	Y	-8.468	-4.928	3.08	4.62
51	M21	Y	-4.928	-1.399	4.62	6.16
52	M21	Y	-1.399	-.141	6.16	7.7
53	M7A	Y	-.052	-1.406	4.133	4.488
54	M7A	Y	-1.406	-3.692	4.488	4.842
55	M7A	Y	-3.692	-4.091	4.842	5.196
56	M7A	Y	-4.091	-3.034	5.196	5.551
57	M7A	Y	-3.034	-1.988	5.551	5.905

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	M8	Y	-2.033	-1.587	0	.167
59	M8	Y	-1.587	-.969	.167	.333
60	M8	Y	-.969	-.18	.333	.5
61	M16	Y	-.247	-1.175	0	.25
62	M16	Y	-1.175	-2.103	.25	.5
63	M17	Y	-2.194	-3.134	0	.354
64	M17	Y	-3.134	-3.637	.354	.709
65	M17	Y	-3.637	-3.213	.709	1.063
66	M17	Y	-3.213	-1.402	1.063	1.417
67	M17	Y	-1.402	-.047	1.417	1.771
68	M20	Y	-.446	-.446	6.314	6.517
69	M15	Y	-2.732	-2.732	.014	1.014
70	M16	Y	-.873	-.873	.055	.436
71	M17	Y	-2.524	-5.831	0	1.181
72	M17	Y	-5.831	-8.506	1.181	2.362
73	M17	Y	-8.506	-7.969	2.362	3.543
74	M17	Y	-7.969	-4.77	3.543	4.724
75	M17	Y	-4.77	-1.488	4.724	5.905
76	M18	Y	-.91	-.91	.057	.444
77	M19	Y	-.226	-1.843	5.133	6.673
78	M19	Y	-1.843	-6.151	6.673	8.213
79	M19	Y	-6.151	-8.29	8.213	9.753
80	M19	Y	-8.29	-5.482	9.753	11.293
81	M19	Y	-5.482	-.964	11.293	12.833
82	M20	Y	-.156	-5.579	0	1.54
83	M20	Y	-5.579	-8.55	1.54	3.08
84	M20	Y	-8.55	-4.958	3.08	4.62
85	M20	Y	-4.958	-1.206	4.62	6.16
86	M20	Y	-1.206	-.156	6.16	7.7
87	M10	Y	-.247	-1.175	0	.25
88	M10	Y	-1.175	-2.103	.25	.5
89	M11	Y	-2.194	-3.134	0	.354
90	M11	Y	-3.134	-3.637	.354	.709
91	M11	Y	-3.637	-3.213	.709	1.063
92	M11	Y	-3.213	-1.402	1.063	1.417
93	M11	Y	-1.402	-.047	1.417	1.771
94	M17	Y	-.052	-1.406	4.133	4.488
95	M17	Y	-1.406	-3.692	4.488	4.842
96	M17	Y	-3.692	-4.091	4.842	5.196
97	M17	Y	-4.091	-3.034	5.196	5.551
98	M17	Y	-3.034	-1.988	5.551	5.905
99	M18	Y	-2.033	-1.587	0	.167
100	M18	Y	-1.587	-.969	.167	.333
101	M18	Y	-.969	-.18	.333	.5
102	M19	Y	-.446	-.446	6.314	6.517

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M9	Y	-5.292	-5.292	.262	1.262
2	M10	Y	-1.763	-1.763	.056	.443
3	M11	Y	-2.882	-9.24	0	1.181
4	M11	Y	-9.24	-15.439	1.181	2.362
5	M11	Y	-15.439	-16.479	2.362	3.543
6	M11	Y	-16.479	-11.297	3.543	4.724
7	M11	Y	-11.297	-4.89	4.724	5.905
8	M12	Y	-1.691	-1.691	.064	.445

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
9	M19	Y	-1.867	-10.62	0	1.54
10	M19	Y	-10.62	-16.061	1.54	3.08
11	M19	Y	-16.061	-11.915	3.08	4.62
12	M19	Y	-11.915	-3.571	4.62	6.16
13	M19	Y	-3.571	-.438	6.16	7.7
14	M21	Y	-.302	-2.337	5.133	6.673
15	M21	Y	-2.337	-9.605	6.673	8.213
16	M21	Y	-9.605	-16.565	8.213	9.753
17	M21	Y	-16.565	-10.808	9.753	11.293
18	M21	Y	-10.808	-.302	11.293	12.833
19	M7	Y	-.478	-2.276	0	.25
20	M7	Y	-2.276	-4.075	.25	.5
21	M7A	Y	-4.251	-6.072	0	.354
22	M7A	Y	-6.072	-7.045	.354	.709
23	M7A	Y	-7.045	-6.225	.709	1.063
24	M7A	Y	-6.225	-2.717	1.063	1.417
25	M7A	Y	-2.717	-.091	1.417	1.771
26	M11	Y	-.101	-2.724	4.133	4.488
27	M11	Y	-2.724	-7.153	4.488	4.842
28	M11	Y	-7.153	-7.925	4.842	5.196
29	M11	Y	-7.925	-5.878	5.196	5.551
30	M11	Y	-5.878	-3.851	5.551	5.905
31	M12	Y	-3.939	-3.074	0	.167
32	M12	Y	-3.074	-1.877	.167	.333
33	M12	Y	-1.877	-.349	.333	.5
34	M21	Y	-.864	-.864	6.314	6.517
35	M4	Y	-21.025	-21.025	.402	.793
36	M7	Y	-1.892	-1.892	.055	.432
37	M7A	Y	-1.385	-11.602	0	1.181
38	M7A	Y	-11.602	-17.529	1.181	2.362
39	M7A	Y	-17.529	-15.447	2.362	3.543
40	M7A	Y	-15.447	-11.023	3.543	4.724
41	M7A	Y	-11.023	-7.974	4.724	5.905
42	M8	Y	-1.759	-1.759	.063	.443
43	M20	Y	-.266	-2.862	5.133	6.673
44	M20	Y	-2.862	-11.511	6.673	8.213
45	M20	Y	-11.511	-15.396	8.213	9.753
46	M20	Y	-15.396	-8.075	9.753	11.293
47	M20	Y	-8.075	-.266	11.293	12.833
48	M21	Y	-.273	-10.933	0	1.54
49	M21	Y	-10.933	-16.405	1.54	3.08
50	M21	Y	-16.405	-9.547	3.08	4.62
51	M21	Y	-9.547	-2.711	4.62	6.16
52	M21	Y	-2.711	-.273	6.16	7.7
53	M7A	Y	-.101	-2.724	4.133	4.488
54	M7A	Y	-2.724	-7.153	4.488	4.842
55	M7A	Y	-7.153	-7.925	4.842	5.196
56	M7A	Y	-7.925	-5.878	5.196	5.551
57	M7A	Y	-5.878	-3.851	5.551	5.905
58	M8	Y	-3.939	-3.074	0	.167
59	M8	Y	-3.074	-1.877	.167	.333
60	M8	Y	-1.877	-.349	.333	.5
61	M16	Y	-.478	-2.276	0	.25
62	M16	Y	-2.276	-4.075	.25	.5
63	M17	Y	-4.251	-6.072	0	.354
64	M17	Y	-6.072	-7.045	.354	.709
65	M17	Y	-7.045	-6.225	.709	1.063

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
66	M17	Y	-6.225	-2.717	1.063	1.417
67	M17	Y	-2.717	-.091	1.417	1.771
68	M20	Y	-.864	-.864	6.314	6.517
69	M15	Y	-5.292	-5.292	.014	1.014
70	M16	Y	-1.691	-1.691	.055	.436
71	M17	Y	-4.89	-11.296	0	1.181
72	M17	Y	-11.296	-16.479	1.181	2.362
73	M17	Y	-16.479	-15.439	2.362	3.543
74	M17	Y	-15.439	-9.241	3.543	4.724
75	M17	Y	-9.241	-2.882	4.724	5.905
76	M18	Y	-1.763	-1.763	.057	.444
77	M19	Y	-.438	-3.571	5.133	6.673
78	M19	Y	-3.571	-11.915	6.673	8.213
79	M19	Y	-11.915	-16.061	8.213	9.753
80	M19	Y	-16.061	-10.62	9.753	11.293
81	M19	Y	-10.62	-1.867	11.293	12.833
82	M20	Y	-.302	-10.808	0	1.54
83	M20	Y	-10.808	-16.565	1.54	3.08
84	M20	Y	-16.565	-9.605	3.08	4.62
85	M20	Y	-9.605	-2.337	4.62	6.16
86	M20	Y	-2.337	-.302	6.16	7.7
87	M10	Y	-.478	-2.276	0	.25
88	M10	Y	-2.276	-4.075	.25	.5
89	M11	Y	-4.251	-6.072	0	.354
90	M11	Y	-6.072	-7.045	.354	.709
91	M11	Y	-7.045	-6.225	.709	1.063
92	M11	Y	-6.225	-2.717	1.063	1.417
93	M11	Y	-2.717	-.091	1.417	1.771
94	M17	Y	-.101	-2.724	4.133	4.488
95	M17	Y	-2.724	-7.153	4.488	4.842
96	M17	Y	-7.153	-7.925	4.842	5.196
97	M17	Y	-7.925	-5.878	5.196	5.551
98	M17	Y	-5.878	-3.851	5.551	5.905
99	M18	Y	-3.939	-3.074	0	.167
100	M18	Y	-3.074	-1.877	.167	.333
101	M18	Y	-1.877	-.349	.333	.5
102	M19	Y	-.864	-.864	6.314	6.517

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M9	Y	-.116	-.116	.262	1.262
2	M10	Y	-.039	-.039	.056	.443
3	M11	Y	-.063	-.203	0	1.181
4	M11	Y	-.203	-.339	1.181	2.362
5	M11	Y	-.339	-.362	2.362	3.543
6	M11	Y	-.362	-.248	3.543	4.724
7	M11	Y	-.248	-.107	4.724	5.905
8	M12	Y	-.037	-.037	.064	.445
9	M19	Y	-.041	-.233	0	1.54
10	M19	Y	-.233	-.352	1.54	3.08
11	M19	Y	-.352	-.261	3.08	4.62
12	M19	Y	-.261	-.078	4.62	6.16
13	M19	Y	-.078	-.01	6.16	7.7
14	M21	Y	-.007	-.051	5.133	6.673
15	M21	Y	-.051	-.211	6.673	8.213
16	M21	Y	-.211	-.363	8.213	9.753

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
17	M21	Y	-.363	-.237	9.753	11.293
18	M21	Y	-.237	-.007	11.293	12.833
19	M7	Y	-.01	-.05	0	.25
20	M7	Y	-.05	-.089	.25	.5
21	M7A	Y	-.093	-.133	0	.354
22	M7A	Y	-.133	-.155	.354	.709
23	M7A	Y	-.155	-.137	.709	1.063
24	M7A	Y	-.137	-.06	1.063	1.417
25	M7A	Y	-.06	-.002	1.417	1.771
26	M11	Y	-.002	-.06	4.133	4.488
27	M11	Y	-.06	-.157	4.488	4.842
28	M11	Y	-.157	-.174	4.842	5.196
29	M11	Y	-.174	-.129	5.196	5.551
30	M11	Y	-.129	-.084	5.551	5.905
31	M12	Y	-.086	-.067	0	.167
32	M12	Y	-.067	-.041	.167	.333
33	M12	Y	-.041	-.008	.333	.5
34	M21	Y	-.019	-.019	6.314	6.517
35	M4	Y	-.461	-.461	.402	.793
36	M7	Y	-.042	-.042	.055	.432
37	M7A	Y	-.03	-.255	0	1.181
38	M7A	Y	-.255	-.385	1.181	2.362
39	M7A	Y	-.385	-.339	2.362	3.543
40	M7A	Y	-.339	-.242	3.543	4.724
41	M7A	Y	-.242	-.175	4.724	5.905
42	M8	Y	-.039	-.039	.063	.443
43	M20	Y	-.006	-.063	5.133	6.673
44	M20	Y	-.063	-.253	6.673	8.213
45	M20	Y	-.253	-.338	8.213	9.753
46	M20	Y	-.338	-.177	9.753	11.293
47	M20	Y	-.177	-.006	11.293	12.833
48	M21	Y	-.006	-.24	0	1.54
49	M21	Y	-.24	-.36	1.54	3.08
50	M21	Y	-.36	-.209	3.08	4.62
51	M21	Y	-.209	-.059	4.62	6.16
52	M21	Y	-.059	-.006	6.16	7.7
53	M7A	Y	-.002	-.06	4.133	4.488
54	M7A	Y	-.06	-.157	4.488	4.842
55	M7A	Y	-.157	-.174	4.842	5.196
56	M7A	Y	-.174	-.129	5.196	5.551
57	M7A	Y	-.129	-.084	5.551	5.905
58	M8	Y	-.086	-.067	0	.167
59	M8	Y	-.067	-.041	.167	.333
60	M8	Y	-.041	-.008	.333	.5
61	M16	Y	-.01	-.05	0	.25
62	M16	Y	-.05	-.089	.25	.5
63	M17	Y	-.093	-.133	0	.354
64	M17	Y	-.133	-.155	.354	.709
65	M17	Y	-.155	-.137	.709	1.063
66	M17	Y	-.137	-.06	1.063	1.417
67	M17	Y	-.06	-.002	1.417	1.771
68	M20	Y	-.019	-.019	6.314	6.517
69	M15	Y	-.116	-.116	.014	1.014
70	M16	Y	-.037	-.037	.055	.436
71	M17	Y	-.107	-.248	0	1.181
72	M17	Y	-.248	-.362	1.181	2.362
73	M17	Y	-.362	-.339	2.362	3.543

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
74	M17	Y	-.339	-.203	3.543	4.724
75	M17	Y	-.203	-.063	4.724	5.905
76	M18	Y	-.039	-.039	.057	.444
77	M19	Y	-.01	-.078	5.133	6.673
78	M19	Y	-.078	-.261	6.673	8.213
79	M19	Y	-.261	-.352	8.213	9.753
80	M19	Y	-.352	-.233	9.753	11.293
81	M19	Y	-.233	-.041	11.293	12.833
82	M20	Y	-.007	-.237	0	1.54
83	M20	Y	-.237	-.363	1.54	3.08
84	M20	Y	-.363	-.211	3.08	4.62
85	M20	Y	-.211	-.051	4.62	6.16
86	M20	Y	-.051	-.007	6.16	7.7
87	M10	Y	-.01	-.05	0	.25
88	M10	Y	-.05	-.089	.25	.5
89	M11	Y	-.093	-.133	0	.354
90	M11	Y	-.133	-.155	.354	.709
91	M11	Y	-.155	-.137	.709	1.063
92	M11	Y	-.137	-.06	1.063	1.417
93	M11	Y	-.06	-.002	1.417	1.771
94	M17	Y	-.002	-.06	4.133	4.488
95	M17	Y	-.06	-.157	4.488	4.842
96	M17	Y	-.157	-.174	4.842	5.196
97	M17	Y	-.174	-.129	5.196	5.551
98	M17	Y	-.129	-.084	5.551	5.905
99	M18	Y	-.086	-.067	0	.167
100	M18	Y	-.067	-.041	.167	.333
101	M18	Y	-.041	-.008	.333	.5
102	M19	Y	-.019	-.019	6.314	6.517

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M9	Z	-.29	-.29	.262	1.262
2	M10	Z	-.097	-.097	.056	.443
3	M11	Z	-.158	-.506	0	1.181
4	M11	Z	-.506	-.846	1.181	2.362
5	M11	Z	-.846	-.903	2.362	3.543
6	M11	Z	-.903	-.619	3.543	4.724
7	M11	Z	-.619	-.268	4.724	5.905
8	M12	Z	-.093	-.093	.064	.445
9	M19	Z	-.102	-.582	0	1.54
10	M19	Z	-.582	-.88	1.54	3.08
11	M19	Z	-.88	-.653	3.08	4.62
12	M19	Z	-.653	-.196	4.62	6.16
13	M19	Z	-.196	-.024	6.16	7.7
14	M21	Z	-.017	-.128	5.133	6.673
15	M21	Z	-.128	-.526	6.673	8.213
16	M21	Z	-.526	-.908	8.213	9.753
17	M21	Z	-.908	-.592	9.753	11.293
18	M21	Z	-.592	-.017	11.293	12.833
19	M7	Z	-.026	-.125	0	.25
20	M7	Z	-.125	-.223	.25	.5
21	M7A	Z	-.233	-.333	0	.354
22	M7A	Z	-.333	-.386	.354	.709
23	M7A	Z	-.386	-.341	.709	1.063
24	M7A	Z	-.341	-.149	1.063	1.417

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
25	M7A	Z	-.149	-.005	1.417	1.771
26	M11	Z	-.006	-.149	4.133	4.488
27	M11	Z	-.149	-.392	4.488	4.842
28	M11	Z	-.392	-.434	4.842	5.196
29	M11	Z	-.434	-.322	5.196	5.551
30	M11	Z	-.322	-.211	5.551	5.905
31	M12	Z	-.216	-.168	0	.167
32	M12	Z	-.168	-.103	.167	.333
33	M12	Z	-.103	-.019	.333	.5
34	M21	Z	-.047	-.047	6.314	6.517
35	M4	Z	-1.152	-1.152	.402	.793
36	M7	Z	-.104	-.104	.055	.432
37	M7A	Z	-.076	-.636	0	1.181
38	M7A	Z	-.636	-.96	1.181	2.362
39	M7A	Z	-.96	-.846	2.362	3.543
40	M7A	Z	-.846	-.604	3.543	4.724
41	M7A	Z	-.604	-.437	4.724	5.905
42	M8	Z	-.096	-.096	.063	.443
43	M20	Z	-.015	-.157	5.133	6.673
44	M20	Z	-.157	-.631	6.673	8.213
45	M20	Z	-.631	-.844	8.213	9.753
46	M20	Z	-.844	-.442	9.753	11.293
47	M20	Z	-.442	-.015	11.293	12.833
48	M21	Z	-.015	-.599	0	1.54
49	M21	Z	-.599	-.899	1.54	3.08
50	M21	Z	-.899	-.523	3.08	4.62
51	M21	Z	-.523	-.149	4.62	6.16
52	M21	Z	-.149	-.015	6.16	7.7
53	M7A	Z	-.006	-.149	4.133	4.488
54	M7A	Z	-.149	-.392	4.488	4.842
55	M7A	Z	-.392	-.434	4.842	5.196
56	M7A	Z	-.434	-.322	5.196	5.551
57	M7A	Z	-.322	-.211	5.551	5.905
58	M8	Z	-.216	-.168	0	.167
59	M8	Z	-.168	-.103	.167	.333
60	M8	Z	-.103	-.019	.333	.5
61	M16	Z	-.026	-.125	0	.25
62	M16	Z	-.125	-.223	.25	.5
63	M17	Z	-.233	-.333	0	.354
64	M17	Z	-.333	-.386	.354	.709
65	M17	Z	-.386	-.341	.709	1.063
66	M17	Z	-.341	-.149	1.063	1.417
67	M17	Z	-.149	-.005	1.417	1.771
68	M20	Z	-.047	-.047	6.314	6.517
69	M15	Z	-.29	-.29	.014	1.014
70	M16	Z	-.093	-.093	.055	.436
71	M17	Z	-.268	-.619	0	1.181
72	M17	Z	-.619	-.903	1.181	2.362
73	M17	Z	-.903	-.846	2.362	3.543
74	M17	Z	-.846	-.506	3.543	4.724
75	M17	Z	-.506	-.158	4.724	5.905
76	M18	Z	-.097	-.097	.057	.444
77	M19	Z	-.024	-.196	5.133	6.673
78	M19	Z	-.196	-.653	6.673	8.213
79	M19	Z	-.653	-.88	8.213	9.753
80	M19	Z	-.88	-.582	9.753	11.293
81	M19	Z	-.582	-.102	11.293	12.833

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
82	M20	Z	-.017	-.592	0	1.54
83	M20	Z	-.592	-.908	1.54	3.08
84	M20	Z	-.908	-.526	3.08	4.62
85	M20	Z	-.526	-.128	4.62	6.16
86	M20	Z	-.128	-.017	6.16	7.7
87	M10	Z	-.026	-.125	0	.25
88	M10	Z	-.125	-.223	.25	.5
89	M11	Z	-.233	-.333	0	.354
90	M11	Z	-.333	-.386	.354	.709
91	M11	Z	-.386	-.341	.709	1.063
92	M11	Z	-.341	-.149	1.063	1.417
93	M11	Z	-.149	-.005	1.417	1.771
94	M17	Z	-.006	-.149	4.133	4.488
95	M17	Z	-.149	-.392	4.488	4.842
96	M17	Z	-.392	-.434	4.842	5.196
97	M17	Z	-.434	-.322	5.196	5.551
98	M17	Z	-.322	-.211	5.551	5.905
99	M18	Z	-.216	-.168	0	.167
100	M18	Z	-.168	-.103	.167	.333
101	M18	Z	-.103	-.019	.333	.5
102	M19	Z	-.047	-.047	6.314	6.517

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M9	X	.29	.29	.262	1.262
2	M10	X	.097	.097	.056	.443
3	M11	X	.158	.506	0	1.181
4	M11	X	.506	.846	1.181	2.362
5	M11	X	.846	.903	2.362	3.543
6	M11	X	.903	.619	3.543	4.724
7	M11	X	.619	.268	4.724	5.905
8	M12	X	.093	.093	.064	.445
9	M19	X	.102	.582	0	1.54
10	M19	X	.582	.88	1.54	3.08
11	M19	X	.88	.653	3.08	4.62
12	M19	X	.653	.196	4.62	6.16
13	M19	X	.196	.024	6.16	7.7
14	M21	X	.017	.128	5.133	6.673
15	M21	X	.128	.526	6.673	8.213
16	M21	X	.526	.908	8.213	9.753
17	M21	X	.908	.592	9.753	11.293
18	M21	X	.592	.017	11.293	12.833
19	M7	X	.026	.125	0	.25
20	M7	X	.125	.223	.25	.5
21	M7A	X	.233	.333	0	.354
22	M7A	X	.333	.386	.354	.709
23	M7A	X	.386	.341	.709	1.063
24	M7A	X	.341	.149	1.063	1.417
25	M7A	X	.149	.005	1.417	1.771
26	M11	X	.006	.149	4.133	4.488
27	M11	X	.149	.392	4.488	4.842
28	M11	X	.392	.434	4.842	5.196
29	M11	X	.434	.322	5.196	5.551
30	M11	X	.322	.211	5.551	5.905
31	M12	X	.216	.168	0	.167
32	M12	X	.168	.103	.167	.333

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
33	M12	X	.103	.019	.333	.5
34	M21	X	.047	.047	6.314	6.517
35	M4	X	1.152	1.152	.402	.793
36	M7	X	.104	.104	.055	.432
37	M7A	X	.076	.636	0	1.181
38	M7A	X	.636	.96	1.181	2.362
39	M7A	X	.96	.846	2.362	3.543
40	M7A	X	.846	.604	3.543	4.724
41	M7A	X	.604	.437	4.724	5.905
42	M8	X	.096	.096	.063	.443
43	M20	X	.015	.157	5.133	6.673
44	M20	X	.157	.631	6.673	8.213
45	M20	X	.631	.844	8.213	9.753
46	M20	X	.844	.442	9.753	11.293
47	M20	X	.442	.015	11.293	12.833
48	M21	X	.015	.599	0	1.54
49	M21	X	.599	.899	1.54	3.08
50	M21	X	.899	.523	3.08	4.62
51	M21	X	.523	.149	4.62	6.16
52	M21	X	.149	.015	6.16	7.7
53	M7A	X	.006	.149	4.133	4.488
54	M7A	X	.149	.392	4.488	4.842
55	M7A	X	.392	.434	4.842	5.196
56	M7A	X	.434	.322	5.196	5.551
57	M7A	X	.322	.211	5.551	5.905
58	M8	X	.216	.168	0	.167
59	M8	X	.168	.103	.167	.333
60	M8	X	.103	.019	.333	.5
61	M16	X	.026	.125	0	.25
62	M16	X	.125	.223	.25	.5
63	M17	X	.233	.333	0	.354
64	M17	X	.333	.386	.354	.709
65	M17	X	.386	.341	.709	1.063
66	M17	X	.341	.149	1.063	1.417
67	M17	X	.149	.005	1.417	1.771
68	M20	X	.047	.047	6.314	6.517
69	M15	X	.29	.29	.014	1.014
70	M16	X	.093	.093	.055	.436
71	M17	X	.268	.619	0	1.181
72	M17	X	.619	.903	1.181	2.362
73	M17	X	.903	.846	2.362	3.543
74	M17	X	.846	.506	3.543	4.724
75	M17	X	.506	.158	4.724	5.905
76	M18	X	.097	.097	.057	.444
77	M19	X	.024	.196	5.133	6.673
78	M19	X	.196	.653	6.673	8.213
79	M19	X	.653	.88	8.213	9.753
80	M19	X	.88	.582	9.753	11.293
81	M19	X	.582	.102	11.293	12.833
82	M20	X	.017	.592	0	1.54
83	M20	X	.592	.908	1.54	3.08
84	M20	X	.908	.526	3.08	4.62
85	M20	X	.526	.128	4.62	6.16
86	M20	X	.128	.017	6.16	7.7
87	M10	X	.026	.125	0	.25
88	M10	X	.125	.223	.25	.5
89	M11	X	.233	.333	0	.354

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
90	M11	X	.333	.386	.354	.709
91	M11	X	.386	.341	.709	1.063
92	M11	X	.341	.149	1.063	1.417
93	M11	X	.149	.005	1.417	1.771
94	M17	X	.006	.149	4.133	4.488
95	M17	X	.149	.392	4.488	4.842
96	M17	X	.392	.434	4.842	5.196
97	M17	X	.434	.322	5.196	5.551
98	M17	X	.322	.211	5.551	5.905
99	M18	X	.216	.168	0	.167
100	M18	X	.168	.103	.167	.333
101	M18	X	.103	.019	.333	.5
102	M19	X	.047	.047	6.314	6.517

Member Area Loads (BLC 39 : Structure D)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N20	N19	N17A	N16	Y	Two Way	-.005
2	N149	N145	N14	N20	Y	Two Way	-.005
3	N14	N15	N111A	N112A	Y	Two Way	-.005
4	N146	N151	N30	N15	Y	Two Way	-.005
5	N30	N31	N27	N28	Y	Two Way	-.005
6	N152	N148	N19	N31	Y	Two Way	-.005

Member Area Loads (BLC 40 : Structure Di)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N20	N19	N17A	N16	Y	Two Way	-.01
2	N149	N145	N14	N20	Y	Two Way	-.01
3	N14	N15	N111A	N112A	Y	Two Way	-.01
4	N146	N151	N30	N15	Y	Two Way	-.01
5	N30	N31	N27	N28	Y	Two Way	-.01
6	N152	N148	N19	N31	Y	Two Way	-.01

Member Area Loads (BLC 84 : Structure Ev)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N20	N19	N17A	N16	Y	Two Way	-.000221
2	N149	N145	N14	N20	Y	Two Way	-.000221
3	N14	N15	N111A	N112A	Y	Two Way	-.000221
4	N146	N151	N30	N15	Y	Two Way	-.000221
5	N30	N31	N27	N28	Y	Two Way	-.000221
6	N152	N148	N19	N31	Y	Two Way	-.000221

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

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N20	N19	N17A	N16	Z	Two Way	-.000552
2	N149	N145	N14	N20	Z	Two Way	-.000552
3	N14	N15	N111A	N112A	Z	Two Way	-.000552
4	N146	N151	N30	N15	Z	Two Way	-.000552
5	N30	N31	N27	N28	Z	Two Way	-.000552
6	N152	N148	N19	N31	Z	Two Way	-.000552

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

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N20	N19	N17A	N16	X	Two Way	.000552

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

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
2	N149	N145	N14	N20	X	Two Way	.000552
3	N14	N15	N111A	N112A	X	Two Way	.000552
4	N146	N151	N30	N15	X	Two Way	.000552
5	N30	N31	N27	N28	X	Two Way	.000552
6	N152	N148	N19	N31	X	Two Way	.000552

Envelope Joint Reactions

	Joint		X [lb]	LC	Y [lb]	LC	Z [lb]	LC	MX [k-ft]	LC	MY [k-ft]	LC	MZ [...	LC
1	N2	m...	514.251	10	450.865	7	5084.468	1	.522	7	1.713	4	.139	4
2		m...	-522.062	4	-1023.832	1	-5513.777	7	-1.204	1	-1.716	10	-.05	10
3	N13	m...	4563.819	9	537.866	3	2873.286	3	.615	9	1.702	12	.915	9
4		m...	-5011.207	3	-986.541	9	-2608.807	9	-.22	3	-1.707	6	-.438	3
5	N24	m...	4773.666	11	454.268	11	2784.451	11	.557	5	1.678	8	.453	11
6		m...	-4385.426	5	-1022.599	5	-2568.37	5	-.267	11	-1.682	2	-1.067	5
7	N157	m...	46.215	10	3458.312	13	-94.801	7	0	75	0	4	0	10
8		m...	-46.24	4	70.38	7	-4634.625	13	0	1	0	10	0	4
9	N159	m...	7.682	3	3410.499	21	2284.849	21	0	10	0	4	0	4
10		m...	-3957.237	21	-5.801	3	-4.433	3	0	4	0	10	0	10
11	N161	m...	4006.408	17	3452.117	17	2313.069	17	0	8	0	8	0	8
12		m...	73.043	11	62.694	11	42.17	11	0	2	0	2	0	2
13	Totals:	m...	6003.205	10	7528.623	21	5983.758	1						
14		m...	-6003.205	4	2474.74	66	-5983.763	7						

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

	Member	Shape	Code Check	Loc[ft]	LC	Shear Check	L...	Dir	LC	phi*Pn...	phi*P...	phi*Mn y...	phi*Mn		Eqn
1	M1	HSS4...	.221	4.036	2	.071	4...	y	13	11847...	139518	16.181	16.181	...	H1-...
2	M4	PL1/2x6	.672	.638	23	.188	0	y	16	53759...	97200	1.012	12.15	...	H1-...
3	M7	PL3/8x3	.160	0	1	.013	0	y	16	31007...	36450	.285	2.278	...	H1-...
4	M7A	L4X4X4	.079	3.014	7	.009	5...	z	16	40312...	62532	3.138	5.773	...	H2-1
5	M8	PL3/8x3	.139	0	8	.013	.5	y	16	31006...	36450	.285	2.278	...	H1-...
6	M7B	HSS4...	.220	4.036	10	.069	4...	y	21	11847...	139518	16.181	16.181	...	H1-...
7	M9	PL1/2x6	.655	.638	19	.184	0	y	24	53759...	97200	1.012	12.15	...	H1-...
8	M10	PL3/8x3	.158	0	9	.011	0	y	24	31007...	36450	.285	2.278	...	H1-...
9	M11	L4X4X4	.079	3.014	3	.008	5...	z	24	40312...	62532	3.138	5.776	...	H2-1
10	M12	PL3/8x3	.140	0	4	.012	.5	y	24	31006...	36450	.285	2.278	...	H1-...
11	M13	HSS4...	.218	4.036	6	.069	4...	y	17	11847...	139518	16.181	16.181	...	H1-...
12	M15	PL1/2x6	.657	.638	15	.190	0	y	20	53759...	97200	1.012	12.15	...	H1-...
13	M16	PL3/8x3	.158	0	5	.012	0	y	20	31007...	36450	.285	2.278	...	H1-...
14	M17	L4X4X4	.079	3.014	11	.008	0	z	20	40312...	62532	3.138	5.776	...	H2-1
15	M18	PL3/8x3	.135	0	12	.012	.5	y	20	31006...	36450	.285	2.278	...	H1-...
16	M19	C5X6.7	.502	8.155	7	.515	1...	y	15	4477.0...	63828	1.604	6.189	...	H1-...
17	M20	C5X6.7	.520	8.155	3	.531	1...	y	23	4477.0...	63828	1.604	6.229	...	H1-...
18	M21	C5X6.7	.504	8.155	11	.512	1...	y	19	4477.0...	63828	1.604	6.191	...	H1-...
19	M22	PIPE_...	.281	8.073	2	.107	1...		6	14558...	50715	3.596	3.596	...	H1-...
20	MP1A	PIPE_...	.524	4.167	4	.134	1...		2	23808...	32130	1.872	1.872	...	H1-...
21	MP3A	PIPE_...	.457	4.167	10	.103	4...		8	23808...	32130	1.872	1.872	...	H1-...
22	MP4A	PIPE_...	.463	4.167	10	.125	1...		12	23808...	32130	1.872	1.872	...	H1-...
23	MP2A	PIPE_...	.249	1.333	4	.115	5...		7	30038...	50715	3.596	3.596	...	H1-...
24	MP1C	PIPE_...	.529	4.167	12	.143	1...		10	23808...	32130	1.872	1.872	...	H1-...
25	MP4C	PIPE_...	.466	4.167	6	.134	1...		8	23808...	32130	1.872	1.872	...	H1-...
26	MP1B	PIPE_...	.525	4.167	8	.130	1...		6	23808...	32130	1.872	1.872	...	H1-...
27	MP4B	PIPE_...	.463	4.167	2	.130	1...		4	23808...	32130	1.872	1.872	...	H1-...
28	M74	PIPE_...	.087	2.5	12	.016	2.5		12	28843...	32130	1.872	1.872	...	H1-...
29	M70A	PIPE_...	.298	8.073	10	.115	1...		2	14558...	50715	3.596	3.596	...	H1-...

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

	Member	Shape	Code Check	Loc[ft]	LC	Shear Check	L...	Dir	LC	phi*Pn...	phi*P...	phi*Mn y...	phi*Mn ...	...	Eqn
30	M71A	PIPE_...	.277	8.073	6	.111	1...		10	14558...	50715	3.596	3.596	...	H1-...
31	M78	L3X3X4	.312	0	5	.031	0	y	11	44049...	46656	1.688	3.756	...	H2-1
32	M79	L3X3X4	.353	0	9	.033	0	y	3	44049...	46656	1.688	3.756	...	H2-1
33	M80	L3X3X4	.307	0	1	.032	0	y	8	44049...	46656	1.688	3.756	...	H2-1
34	M81	LL3x3...	.121	5.067	13	.004	0	z	10	47644...	70632	5.543	3.751	1	H1-...
35	M82	LL3x3...	.120	5.067	21	.004	0	z	6	47644...	70632	5.543	3.751	1	H1-...
36	M83	LL3x3...	.121	5.067	17	.004	0	z	2	47644...	70632	5.543	3.751	1	H1-...
37	MP3C	PIPE_...	.458	4.167	6	.111	4...		9	23808...	32130	1.872	1.872	...	H1-...
38	MP2C	PIPE_...	.249	1.333	12	.124	5...		3	30038...	50715	3.596	3.596	...	H1-...
39	MP3B	PIPE_...	.458	4.167	2	.099	4...		12	23808...	32130	1.872	1.872	...	H1-...
40	MP2B	PIPE_...	.250	1.333	8	.118	5...		11	30038...	50715	3.596	3.596	...	H1-...

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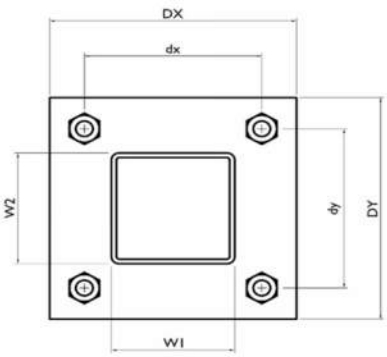
Client:	Verizon Wireless	Date:	7/19/2023
Site Name:	BEACON FALLS CT		
MDG #:	5000383631		
Fuze ID #:	17123829	Page:	1

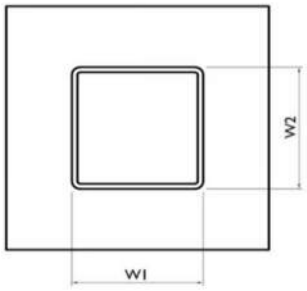
Version 1.01

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):	0.5
Required Tensile Strength / bolt (kips):	2.7
Required Shear Strength / bolt (kips):	0.3
Tensile Capacity / bolt (kips):	13.3
Shear Capacity / bolt (kips):	8.0
Bolt Overall Utilization:	**20.6%**



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):	0.625
Length of Yield Line, L_y (in):	5.85
Bolt Eccentricity, e (in):	1.65
M_u (kip-in):	4.49
Phi*M_n (kip-in):	18.51
Plate Bending Utilization:	**24.3%**



VzW SMART Tool© Vendor

Client:	Verizon Wireless	Date:	7/19/2023
Site Name:	BEACON FALLS CT		
PSLC #:	5000383631		
Fuze ID #:	17123829	Page:	2

Version 1.01

Tower Connection Weld Checks	Yes

Weld Shape:	Rectangle
Weld Stiffener Configuration:	None
Weld Size (1/16 in):	5
W1 (in):	4
W2 (in):	4
Weld Total Length (in):	16.00
Z_x (in^3/in):	21.33
Z_y (in^3/in):	21.33
J_p (in^4/in):	85.33
c_x (in)	2.25
c_y (in)	2.25
Required combined strength (kip/in):	0.80
Weld Capacity (kip/in):	6.96
Weld Utilization:	**11.4%**

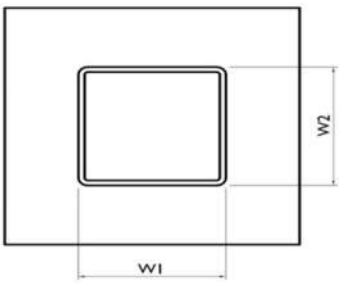


EXHIBIT 5

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Non-Ionizing Electromagnetic Radiation (NIER) Study

Site Number:
302524

Site Name:
Beacon Falls

Location:
Seymour, Connecticut

Tenants:
AT&T Mobility, & Verizon Wireless

Prepared For:

American Tower, Inc.
Woburn, Massachusetts

September 25th, 2023

68591 P-406603

Prepared By:

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

Approved By:

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Contents

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Non-Ionizing Electromagnetic Radiation (NIER) Study

302524 Beacon Falls
Seymour, 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 302524 Beacon Falls is located at 664 Rimmon Hill Rd., in Seymour, Connecticut at coordinates 41.407194, -73.079300. The support structure is a 174' monopole. An aerial view of the tower can be found in Appendix 1, Site Photos. The tenants are AT&T Mobility (AT&T) & Verizon Wireless (VZW). A table listing all antennae and effective radiated power (ERP) levels that were used in this study may be found in Appendix 2, Antenna Inventory.

POWER DENSITY CALCULATIONS

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

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

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

- ATC furnished data and does not include other unidentified communication facilities.
- Load List at 302524 Beacon Falls.RF NIER Study recieved 9/2/23.
- 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

302524 Beacon Falls							
Antenna Inventory							
Antenna #	Carrier	Antenna Manufacturer	Antenna Model	Frequency Band (MHz)	Azmiuth (°)	Effective Radiated Power (W)	Radiation Center (ft)
1	AT&T	Ericsson	Air 6449	3700/3800/3900	023	71639	166
2	AT&T	Ericsson	Air 6449	3700/3800/3900	142	71639	166
3	AT&T	Ericsson	Air 6449	3700/3800/3900	264	71639	166
4	AT&T	CCI	TPA65R-BU8D	1700/1800/1900/2100	023	56718	164
5	AT&T	CCI	TPA65R-BU8D	1700/1800/1900/2100	142	56718	164
6	AT&T	CCI	DMP65R-BU6DA	700/800/2300	264	39165	164
7	AT&T	CCI	TPA65R-BU8D	1700/1800/1900/2100	264	56718	164
8	AT&T	CCI	DMP65R-BU6DA	700/800/2300	023	39165	164
9	AT&T	CCI	DMP65R-BU6DA	700/800/2300	142	39165	164
10	AT&T	Ericsson	Air 6449	3700/3800/3900	023	20230	164
11	AT&T	Ericsson	Air 6449	3700/3800/3900	142	20230	164
12	AT&T	Ericsson	Air 6449	3700/3800/3900	264	20230	164
13	Verizon	Samsung	MT6407	3700/3800/3900	030	18700	149
14	Verizon	Samsung	MT6407	3700/3800/3900	150	18700	149
15	Verizon	Samsung	MT6407	3700/3800/3900	270	18700	149
16	Verizon	Andrew	DB844H80E-XY	800	030	14899	149
17	Verizon	Andrew	DB844H80E-XY	800	150	14899	149
18	Verizon	Andrew	DB844H80E-XY	800	270	14899	149
19	Verizon	Andrew	DB844H80E-XY	800	030	14899	149
20	Verizon	Andrew	DB844H80E-XY	800	150	14899	149
21	Verizon	Andrew	DB844H80E-XY	800	270	14899	149
22	Verizon	Commscope	JAHH-65B-R3B	700/1900/2100	030	32168	149
23	Verizon	Commscope	JAHH-65B-R3B	700/1900/2100	150	32168	149
24	Verizon	Commscope	JAHH-65B-R3B	700/1900/2100	270	32168	149
25	Verizon	Commscope	JAHH-65B-R3B	700/1900/2100	030	32168	149
26	Verizon	Commscope	JAHH-65B-R3B	700/1900/2100	150	32168	149
27	Verizon	Commscope	JAHH-65B-R3B	700/1900/2100	270	32168	149

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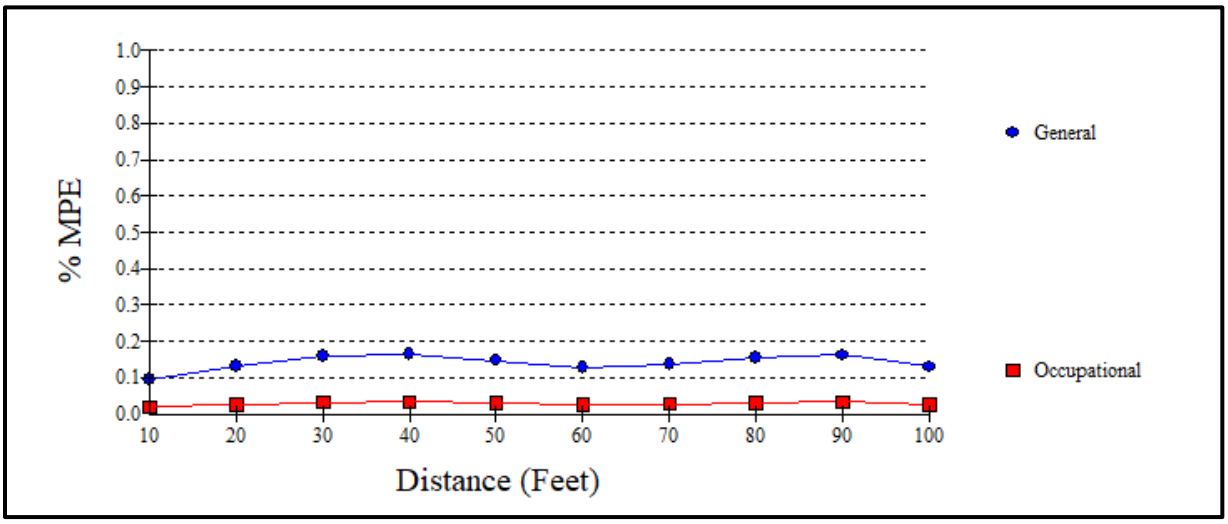
Appendix 3.1 MPE Limit Study



Maximum Power Density (@40'):	0.0011 mW/cm²
General Population MPE (@40'):	01634%
Occupational MPE (@40'):	0.0327

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Appendix 3.2 MPE Limit Study

TOWER ENGINEERING PROFESSIONALS

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Appendix 4 Information Pertaining to MPE Studies

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

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

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

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

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

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

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

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Appendix 5 MPE Standards Methodology

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

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

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

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

f = frequency

* = Plane-wave equivalent power density

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

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

f = frequency

* = Plane-wave equivalent power density

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

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

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

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

Cylindrical Model (Near Field Predictions)

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

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

Where:

S = Power Density

P = Total Power into antenna

R = Distance from the antenna

L = Antenna aperture length

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

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

Where:

S = Power Density

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

P = Total Power into antenna

R = Distance from the antenna

L = Antenna aperture length

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

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Spherical Model (Far Field Predictions)

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

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

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

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

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

Where:

S = Power Density

EIRP = Effective Radiated Power from antenna

Rc = Reflection Coefficient (2.56)

R = Distance from the antenna

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

EXHIBIT 6

DOCKET NO. 173 - An application of Springwich Cellular Limited Partnership for a Certificate of Environmental Compatibility and Public Need for the construction, operation, and maintenance of a telecommunications facility and associated equipment located in the Town of Beacon Falls, Connecticut.

Connecticut Siting Council

April 11, 1996

DECISION AND ORDER

Pursuant to the foregoing Findings of Fact and Opinion, the Connecticut Siting Council (Council) finds that the effects associated with the construction, operation, and maintenance of a cellular telecommunications tower and equipment building at the proposed alternate site in Beacon Falls, Connecticut, including effects on the natural environment; ecological integrity and balance; public health and safety; scenic, historic, and recreational values; forests and parks; air and water purity; and fish and wildlife are not disproportionate either alone or cumulatively with other effects when compared to need, are not in conflict with the policies of the State concerning such effects, and are not sufficient reason to deny the application and therefore directs that a Certificate of Environmental Compatibility and Public Need, as provided by General Statutes § 16-50k, be issued to Springwich Cellular Limited Partnership, Inc., for the construction, operation, and maintenance of a cellular telecommunications tower, associated equipment, and building at the proposed alternate site, located within a 61 acre parcel at 664 Rimmon Hill Road, Beacon Falls, Connecticut. We find the effects on scenic resources and the environment from the primary site to be more significant than the effects from the alternate site, and therefore deny certification of the primary site.

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

1. The tower shall be constructed as a monopole, no taller than necessary to provide the proposed communications service and sufficient to accommodate tower sharing, at a tower height not to exceed 160 feet above ground level.

2. The Certificate Holder shall prepare a Development and Management (D&M) Plan for the site in compliance with Sections 16-50j-75 through 16-50j-77 of the Regulations of Connecticut State Agencies. The D&M Plan shall be submitted to and

approved by the Council prior to the commencement of facility construction and shall include plans for the tower and tower foundation; specifications for the placement of all antennas to be attached to the tower; plans for the equipment buildings, security fence, emergency generator and fuel tank; plans for the access road and utility line installation from Rimmon Hill Road; plans for site clearing, grading, and vegetative screening; and plans for water drainage and erosion and sedimentation controls consistent with the Connecticut Guidelines for Soil Erosion and Sedimentation Control, as amended. The D&M Plan shall also include the results of soil boring tests and a blasting plan if blasting of rock is deemed necessary. This blasting plan shall also be filed with the Towns of Beacon Falls and Seymour one week in advance of any blasting activity.

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

4. The Certificate Holder shall provide the Council a recalculated report of electromagnetic radio frequency power density if and when circumstances in operation cause a change in power density above the levels originally calculated and provided in the application.

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

6. If the facility does not initially provide, or permanently ceases to provide, cellular services following completion of construction, this Decision and Order shall be void, and the Certificate Holder shall dismantle the tower and remove all associated equipment or reapplication for any continued or new use shall be made to the Council before any such use is made.

7. Unless otherwise approved by the Council, this Decision and Order shall be void if all construction authorized herein is not completed within three years of the effective date of this Decision and Order or within three years after all appeals to this Decision and Order have been resolved.

8. The Certificate Holder shall notify the Council upon completion of construction and commencement of commercial operation, and provide the final cost to construct the facility.

Pursuant to General Statutes § 16-50p, the Council directs that a copy of the Findings of Fact, Opinion, and Decision and Order be served on each person listed below, and notice of issuance shall be published in The New Haven Register, the Beth-Wood News, the Waterbury Republican-American, and the Naugatuck Daily News.

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

The parties and intervenors to this proceeding are:

APPLICANT	**ITS REPRESENTATIVE**
Springwich Cellular Ltd. Partnership	Peter J. Tyrrell, Sr. Counsel Springwich Cellular Ltd. Partnership 500 Enterprise Dr., 4th flr. Rocky Hill, CT 06067
INTERVENOR Bell Atlantic NYNEX Mobile, Inc.	ITS REPRESENTATIVE Kenneth C. Baldwin, Esq. Robinson & Cole One Commercial Plaza Hartford, CT 06103-3597
PARTIES Joseph Colangelo 2 Columbine Lane Beacon Falls, CT 06403	**ITS REPRESENTATIVES**
Town of Beacon Falls	Laura Muggeo Mooney, Counsel Town of Beacon Falls 203 Church St., P.O. Box 645 Naugatuck, CT 06770

EXHIBIT 7

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Reference Number:	14519430