

Derek Maheux Program Manager
c/o Cellco Partnership d/b/a Verizon Wireless
Centerline Communications, LLC
750 West Center Street, Suite 301
West Bridgewater, MA 02379
Mobile: (508)649-3407
Dmaheux@clinellc.com

October 30, 2023

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

RE: Notice of Exempt Modification // Site: ENFIELD 4 CT (ATC: 302489)
77 Town Farm Road, Enfield, CT 06082
N 41.96591361 // W -72.55268209

Dear Ms. Bachman,

Cellco Partnership d/b/a Verizon Wireless currently maintains twelve (12) antenna at the 130-ft level on the existing 150ft Tower, located at 77 Town Farm Road, Enfield, 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 14, 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 24, 2023, and Non-Ionizing Electromagnetic Radiation (NIER) Study dated October 20, 2023, by Tower Engineering Professionals.

1. The proposed modifications will not result in an increase in the height of the existing structure.
2. The proposed modifications will not require the extension of the site boundary.

3. The proposed modifications will not increase noise levels at the facility by six decibels or more, or to levels that exceed state and local criteria.
4. The operation of the new antennas will not increase radio frequency emissions at the facility to a level at or above the Federal Communications Commission safety standard.
5. The proposed modifications will not cause a change or alteration in the physical or environmental characteristics of the site.
6. The existing structure and its foundation can support the proposed loading, as shown in the attached structural analysis and a structural mount analysis, pursuant to certain conditions defined therein. Design and engineering are fully illustrated within final construction drawings.

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

Sincerely,

Derek Maheux

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West Bridgewater, MA 02379
Mobile: (508) 649 2307
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Attachments: Exhibit 1 – Construction Drawings
 Exhibit 2 – Property Card and GIS
 Exhibit 3 – Structural Analysis
 Exhibit 4 – Mount Analysis
 Exhibit 5 – RF Emissions Analysis Report Evaluation
 Exhibit 6 – Available Original Tower Approval Records
 Exhibit 7 – Notice Deliver Confirmations

cc: Ellen Zoppo-Sassu – Town Manager – Chief Elected Official
 Lauren Whitten – Director of Planning - as P&Z official and ground owner
 American Tower Corporation - as tower owner

EXHIBIT 1



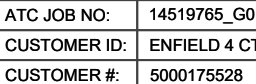


ATC SITE NAME: ENFD - ENFIELD
ATC SITE NUMBER: 302489
VERIZON SITE NAME: ENFIELD 4 CT
VERIZON SITE NUMBER: 5000175528
SITE ADDRESS: 77 TOWN FARM ROAD
ENFIELD, CT 06082



THE USE AND PUBLICATION OF THESE DRAWINGS SHALL BE RESTRICTED TO THE ORIGINAL SITE FOR WHICH THEY ARE PREPARED. ANY USE OR DISCLOSURE OTHER THAN THAT WHICH RELATES TO AMERICAN TOWER OR THE SPECIFIED CARRIER IS STRICTLY PROHIBITED. NEITHER THE ARCHITECT NOR THE ENGINEER WILL BE PROVIDING ON-SITE CONSTRUCTION REVIEW OF THIS PROJECT. CONTRACTOR(S) MUST VERIFY ALL DIMENSIONS AND ADVISE AMERICAN TOWER OR THE SPECIFIED CARRIER OF ANY DISCREPANCIES. ANY PRIOR ISSUANCE OF THIS DRAWING IS SUPERSEDED BY THE LATEST VERSION.

ATC SITE NUMBER:
302489
ATC SITE NAME:
ENFIELD - ENFIELD
VERIZON SITE NAME:
ENFIELD 4 CT
SITE ADDRESS:
77 TOWN FARM ROAD
ENFIELD, CT 06082



SHEET NUMBER: G-001	REVISION: 0
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CONTRACTOR PMI REQUIREMENTS

PMI ACCESSED AT: [HTTPS://PMI.VZWSMART.COM](https://pmi.vzwsmart.com)

SMART TOOL VENDOR PROJECT NUMBER: 10207601

VZW LOCATION CODE (PSLC): 5000175528

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

MOUNT MODIFICATION REQUIRED: NO

NC

VZW APPROVED SMART KIT VENDORS: REFER TO MOUNT MODIFICATION DRAWINGS
PAGES FOR VZW SMART KIT APPROVED VENDORS

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.

- B.

ALL COAXIAL/HYBRID CABLE GROUNDING KITS ARE TO BE INSTALLED ON STRAIGHT RUNS OF COAXIAL/HYBRID CABLE (NOT WITHIN BENDS)

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.

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

THE USE AND PUBLICATION OF THESE DRAWINGS SHALL BE RESTRICTED TO THE ORIGINAL SITE FOR WHICH THEY ARE PREPARED. ANY USE OR DISCLOSURE OTHER THAN THAT WHICH RELATES TO AMERICAN TOWER OR THE SPECIFIED CARRIER IS STRICTLY PROHIBITED. NEITHER THE ARCHITECT NOR THE ENGINEER WILL BE PROVIDING ON-SITE CONSTRUCTION REVIEW OF THIS PROJECT. CONTRACTOR(S) MUST VERIFY ALL DIMENSIONS AND ADVISE AMERICAN TOWER OR THE SPECIFIED CARRIER OF ANY DISCREPANCIES. ANY PRIOR ISSUANCE OF THIS DRAWING IS SUPERSEDED BY THE LATEST VERSION.

REV.	DESCRIPTION	BY	DATE
0	FOR CONSTRUCTION	JO	09/14/23

ATC SITE NUMBER:

302489

ATC SITE NAME:

ENFD - ENFIELD

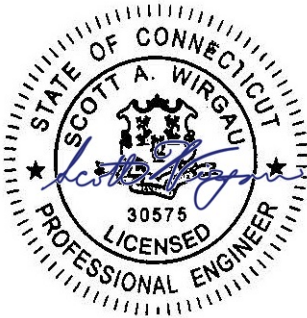
VERIZON SITE NAME:

ENFIELD 4 CT

SITE ADDRESS:

77 TOWN FARM ROAD
ENFIELD, CT 06082

SEAL:



Digitally Signed: 2023-09-14



ATC JOB NO:	14519765_G0
CUSTOMER ID:	ENFIELD 4 CT
CUSTOMER #:	5000175528

GENERAL NOTES

SHEET NUMBER:

G-002

REVISION:

0

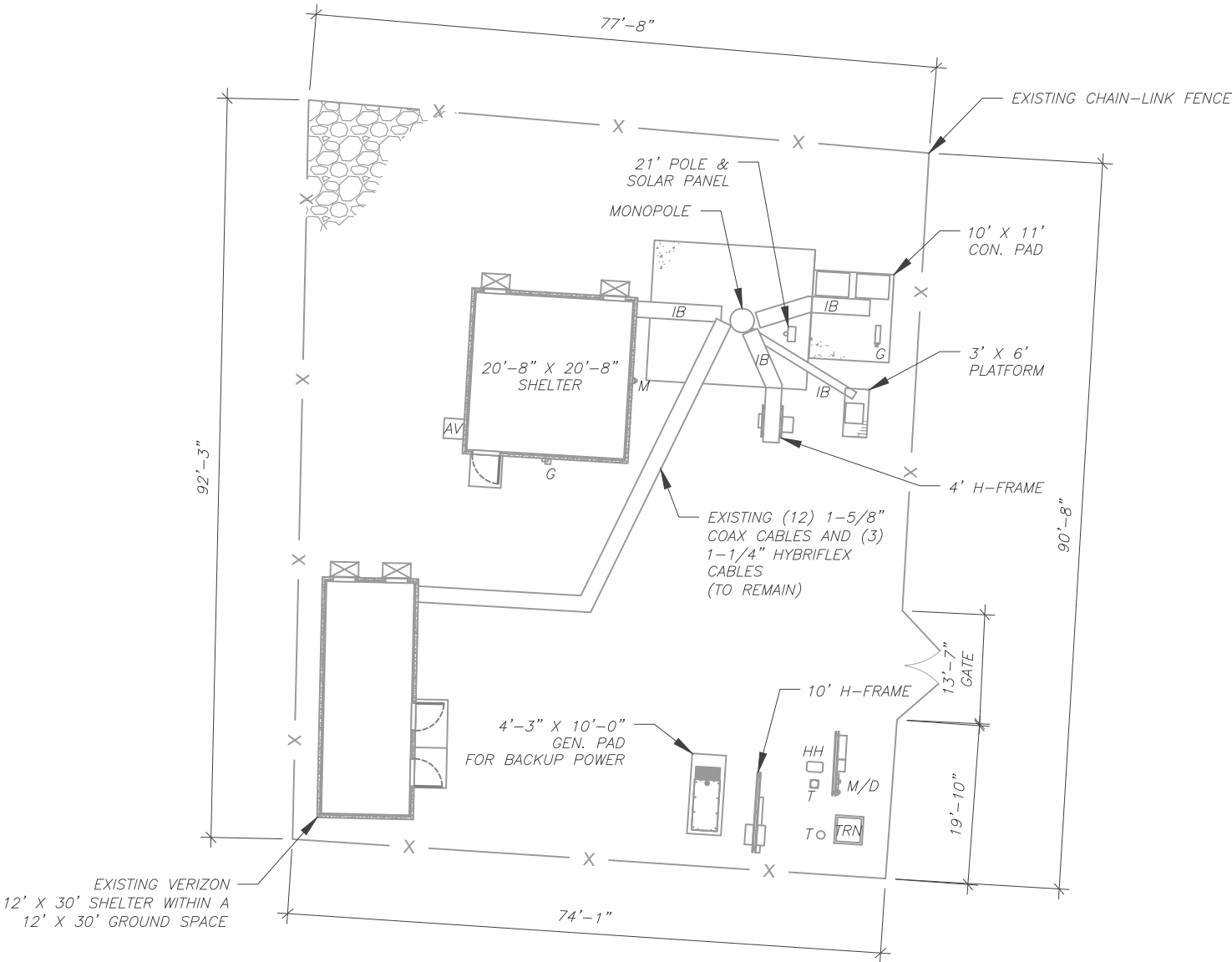
SITE PLAN NOTES:

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.

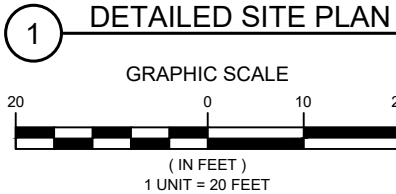
ICE BRIDGE, CABLE LADDER, COAX PORT, AND COAX CABLE ARE SHOWN FOR REFERENCE ONLY. CONTRACTOR SHALL CONFIRM THE EXACT LOCATION OF ALL PROPOSED AND EXISTING EQUIPMENT AND STRUCTURES DEPICTED ON THIS PLAN. BEFORE UTILIZING EXISTING CABLE SUPPORTS, COAX PORTS, INSTALLING NEW PORTS OR ANY OTHER EQUIPMENT,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



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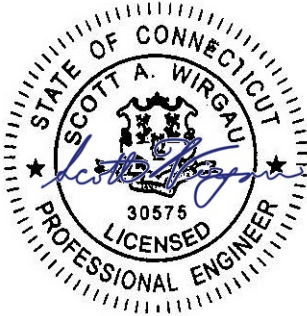
VERIZON SITE NAME:

ENFIELD 4 CT

SITE ADDRESS:

77 TOWN FARM ROAD
ENFIELD, CT 06082

SEAL:



Digitally Signed: 2023-09-14



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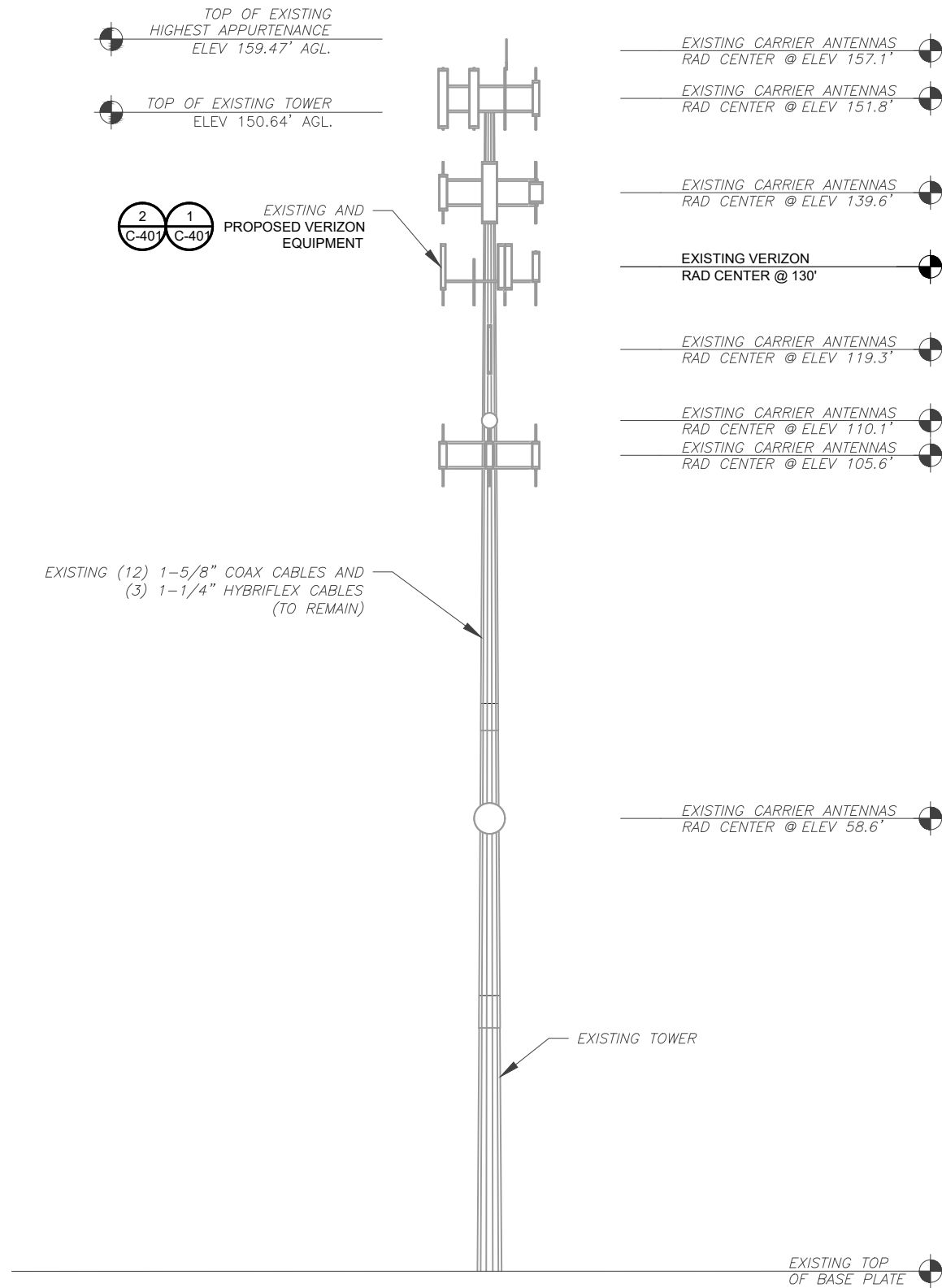
DETAILED SITE PLAN

SHEET NUMBER:

C-101

REVISION:

0



1 TOWER ELEVATION
SCALE: N.T.S.

PER MOUNT ANALYSIS COMPLETED BY COLLIERS ENGINEERING & DESIGN CT, P.C., DATED 07/24/23, THE EXISTING MOUNT CAN ADEQUATELY SUPPORT THE PROPOSED LOADING.

- TOWER NOTE:**
- 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.
 - 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.
 - TOWER ELEVATIONS ARE MEASURED FROM TOP OF BASE PLATE TO MATCH STRUCTURAL ANALYSIS. ELEVATIONS DO NOT REFLECT TRUE ABOVE GROUND LEVEL (A.G.L.)
 - TOWER ELEVATION DEPICTION MAY NOT REFLECT ALL EQUIPMENT INCLUDED IN STRUCTURAL ANALYSIS. REFER TO STRUCTURAL ANALYSIS FOR FULL TOWER LOADING.



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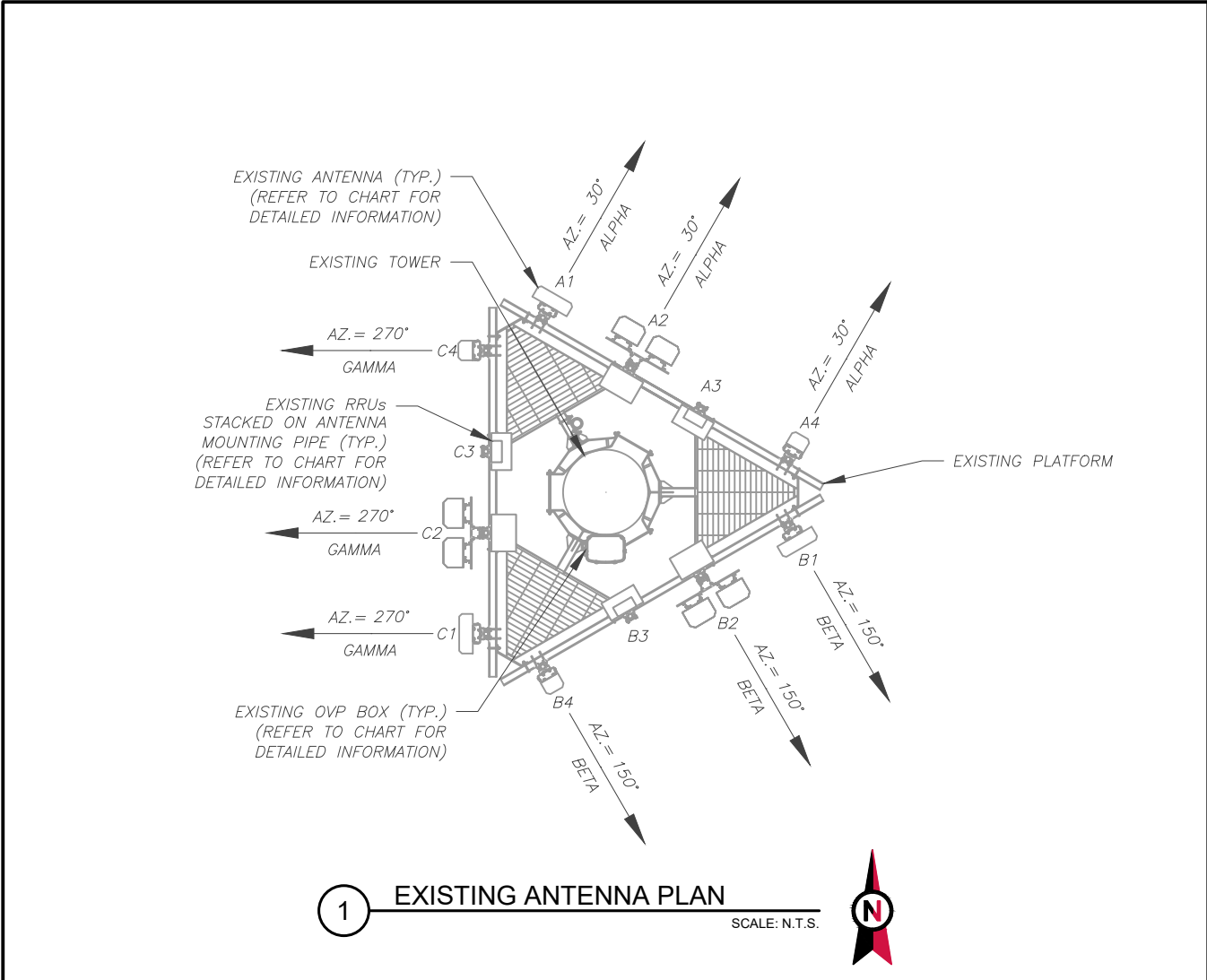
Digitally Signed: 2023-09-14



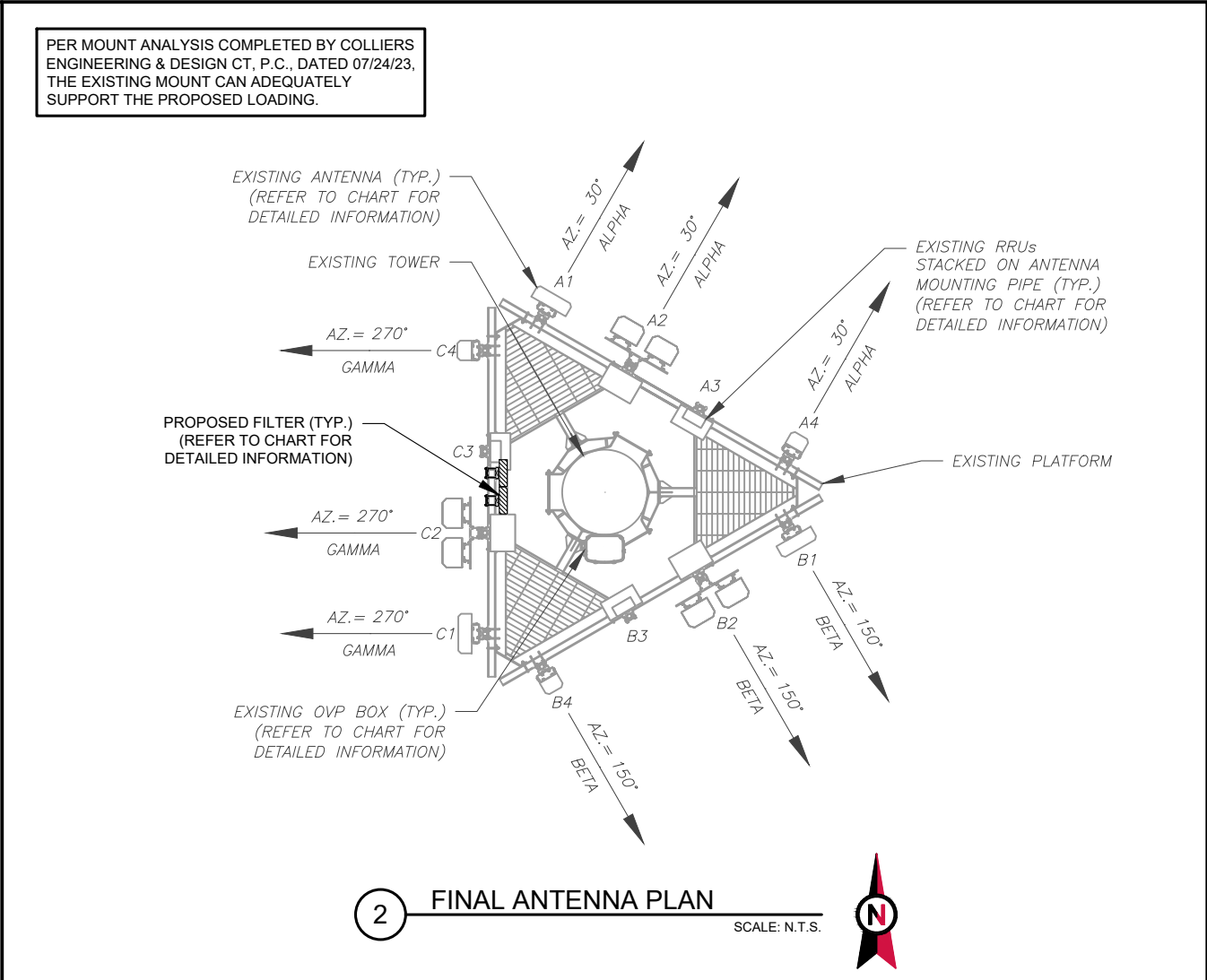
ATC JOB NO:	14519765_G0
CUSTOMER ID:	ENFIELD 4 CT
CUSTOMER #:	5000175528

TOWER ELEVATION

SHEET NUMBER: C-201	REVISION: 0
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PER MOUNT ANALYSIS COMPLETED BY COLLIERS ENGINEERING & DESIGN CT, P.C., DATED 07/24/23, THE EXISTING MOUNT CAN ADEQUATELY SUPPORT THE PROPOSED LOADING.



EXISTING ANTENNA SCHEDULE								
LOCATION			ANTENNA SUMMARY				NON ANTENNA SUMMARY	
SECTOR	RAD	AZ	POS	ANTENNA	BAND	STATUS	ADDITIONAL TOWER MOUNTED EQUIPMENT	STATUS
ALPHA	130°	30°	A1	MT6407-77A	L-SUB6	RMN	-	-
			A2	(2) NHH-65B-R2B	L700,L850,L1900, LAWS	RMN	B2/B66A RRHBR049	RMN
			A3	-	-	-	RT4401-48A B5/B13 RRHBR04C	RMN RMN
			A4	BXA-80080-6CFEDIN-X	850 CDMA	RMN	-	-
BETA	130°	150°	B1	MT6407-77A	L-SUB6	RMN	-	-
			B2	(2) NHH-65B-R2B	L700,L850,L1900, LAWS	RMN	B2/B66A RRHBR049	RMN
			B3	-	-	-	RT4401-48A B5/B13 RRHBR04C	RMN RMN
			B4	BXA-80080-6CFEDIN-X	850 CDMA	RMN	-	-
GAMMA	130°	270°	C1	MT6407-77A	L-SUB6	RMN	-	-
			C2	(2) NHH-65B-R2B	L700,L850,L1900, LAWS	RMN	B2/B66A RRHBR049	RMN
			C3	-	-	-	RT4401-48A B5/B13 RRHBR04C	RMN RMN
			C4	BXA-80080-6CFEDIN-X	850 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	130°	30°	A1	MT6407-77A	L-SUB6	RMN	-	-
			A2	(2) NHH-65B-R2B	L700,L850,L1900, LAWS	RMN	B2/B66A RRHBR049	RMN
			A3	-	-	-	RT4401-48A B5/B13 RRHBR04C	RMN RMN
			A4	BXA-80080-6CFEDIN-X	850 CDMA	RMN	-	-
BETA	130°	150°	B1	MT6407-77A	L-SUB6	RMN	-	-
			B2	(2) NHH-65B-R2B	L700,L850,L1900, LAWS	RMN	B2/B66A RRHBR049	RMN
			B3	-	-	-	RT4401-48A B5/B13 RRHBR04C	RMN RMN
			B4	BXA-80080-6CFEDIN-X	850 CDMA	RMN	-	-
GAMMA	130°	270°	C1	MT6407-77A	L-SUB6	RMN	-	-
			C2	(2) NHH-65B-R2B	L700,L850,L1900, LAWS	RMN	B2/B66A RRHBR049	RMN
			C3	-	-	-	RT4401-48A B5/B13 RRHBR04C (2) KA-6030	RMN RMN ADD
			C4	BXA-80080-6CFEDIN-X	850 CDMA	RMN	-	-

EXISTING FIBER DISTRIBUTION/OVP BOX		EXISTING CABLING SUMMARY	
MODEL NUMBER	STATUS	CABLE QTY, SIZE, TYPE	STATUS
(1) RCMDC-6627-PF-48	RMN	(12) 1-5/8" COAX CABLES AND (3) 1-1/4" HYBRIFLEX CABLES	RMN

3 EQUIPMENT SCHEDULES

FINAL FIBER DISTRIBUTION / OVP BOX		FINAL CABLING SUMMARY	
MODEL NUMBER	STATUS	CABLE QTY, SIZE, TYPE	STATUS
(1) RCMDC-6627-PF-48	RMN	(12) 1-5/8" COAX CABLES AND (3) 1-1/4" HYBRIFLEX CABLES	RMN



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

THE USE AND PUBLICATION OF THESE DRAWINGS SHALL BE RESTRICTED TO THE ORIGINAL SITE FOR WHICH THEY ARE PREPARED. ANY USE OR DISCLOSURE OTHER THAN THAT WHICH RELATES TO AMERICAN TOWER OR THE SPECIFIED CARRIER IS STRICTLY PROHIBITED. NEITHER THE ARCHITECT NOR THE ENGINEER WILL BE PROVIDING ON-SITE CONSTRUCTION REVIEW OF THIS PROJECT. CONTRACTOR(S) MUST VERIFY ALL DIMENSIONS AND ADVISE AMERICAN TOWER OR THE SPECIFIED CARRIER OF ANY DISCREPANCIES. ANY PRIOR ISSUANCE OF THIS DRAWING IS SUPERSEDED BY THE LATEST VERSION.

REV.	DESCRIPTION	BY	DATE
0	FOR CONSTRUCTION	JO	09/14/23
1			
2			
3			
4			

ATC SITE NUMBER:
302489

ATC SITE NAME:

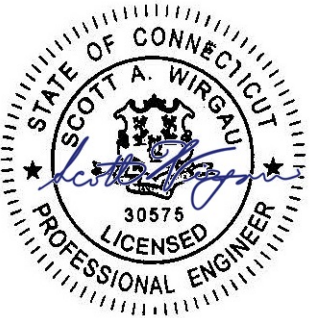
ENFD - ENFIELD

VERIZON SITE NAME:

ENFIELD 4 CT

SITE ADDRESS:
77 TOWN FARM ROAD
ENFIELD, CT 06082

SEAL:



Digitally Signed: 2023-09-14



ATC JOB NO:	14519765_G0
CUSTOMER ID:	ENFIELD 4 CT
CUSTOMER #:	5000175528

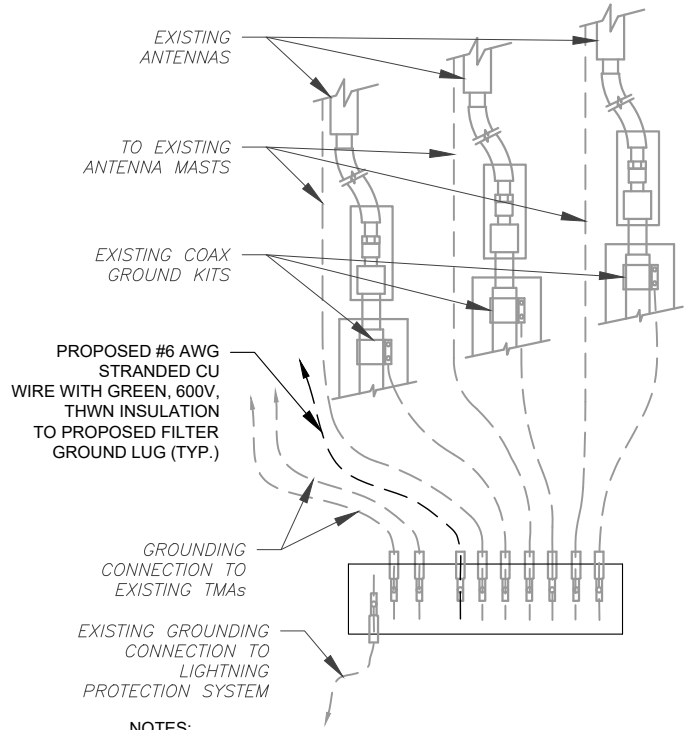
ANTENNA INFORMATION & SCHEDULE

SHEET NUMBER:

C-401

REVISION:

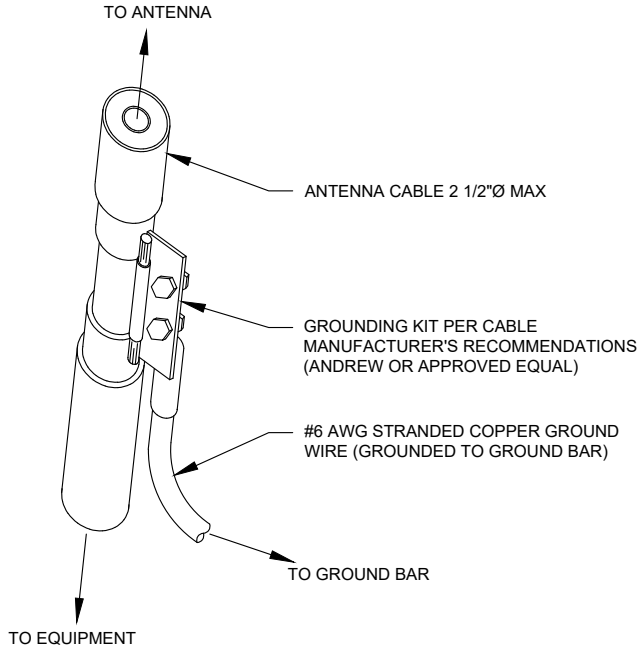
0



NOTES:

- 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.
- 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.

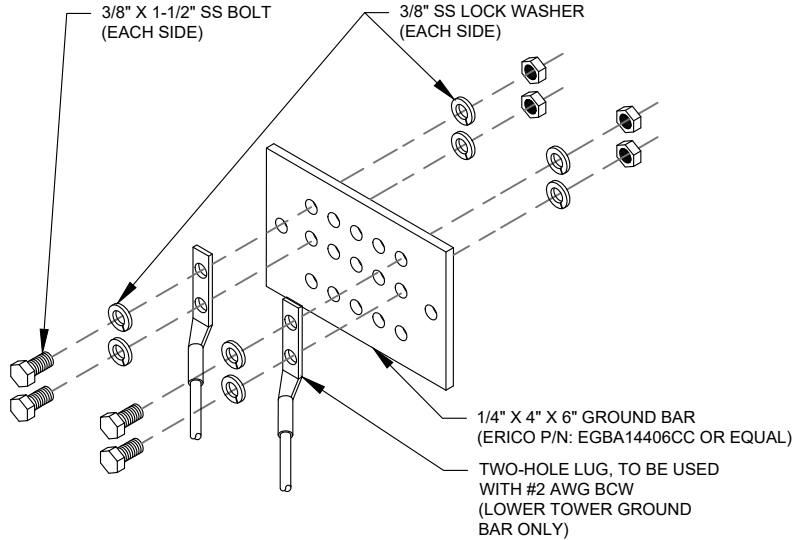
1 TYPICAL ANTENNA GROUNDING DIAGRAM
SCALE: N.T.S.



GROUND KIT NOTES:

- DO NOT INSTALL CABLE GROUND KIT AT A BEND AND ALWAYS DIRECT GROUND WIRE DOWN TO GROUND BAR.
- 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:

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

3 TOWER GROUND BAR DETAIL
SCALE: N.T.S.



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

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REV.	DESCRIPTION	BY	DATE
0	FOR CONSTRUCTION	JO	09/14/23

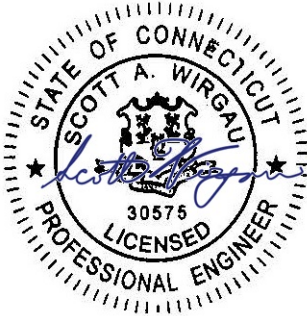
ATC SITE NUMBER:
302489

ATC SITE NAME:
ENFD - ENFIELD

VERIZON SITE NAME:
ENFIELD 4 CT

SITE ADDRESS:
77 TOWN FARM ROAD
ENFIELD, CT 06082

SEAL:



Digitally Signed: 2023-09-14



ATC JOB NO:	14519765_G0
CUSTOMER ID:	ENFIELD 4 CT
CUSTOMER #:	5000175528

GROUNDING DETAILS

SHEET NUMBER:

E-501

REVISION:

0



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

Antenna Mount Analysis Report and PMI Requirements

Mount ReAnalysis

SMART Tool Project #: 10207601
Colliers Engineering & Design CT, P.C. Project #: 23777175

July 24, 2023

Site Information
Site ID: 5000175528-VZW / ENFIELD 4 CT
Site Name: ENFIELD 4 CT
Carrier Name: Verizon Wireless
Address: 400 Ecology Rd
Enfield, Connecticut 06082
Hartford County
Latitude: 41.965903°
Longitude: -72.552692°

Structure Information
Tower Type: 162-Ft Monopole
Mount Type: 12.50-Ft Platform

FUZE ID # 17123804

Analysis Results

Platform: 55.0% 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: Cody Sherman



Mount Structural Analysis Report
(1) 12.50-Ft Platform

July 24, 2023
Site ID: 5000175528-VZW / ENFIELD 4 CT
Page | 5

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	32.6	32.6	45.5	45.5
0.5	42.0	42.0	60.2	60.2
1	50.0	50.0	73.6	73.6

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

Requirements:

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

Contractor shall verify modifications detailed in Modification Drawings by Maser Consulting Connecticut dated 7/30/2021 have been installed prior to installation of equipment. **Escalate any discrepancies to EOR immediately as it may render the results of this analysis invalid and require additional modifications.**

Install the (2) new proposed KA-6030 filters to the support rail of the Gamma sector.

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:

- Contractor Required Post Installation Inspection (PMI) Report Deliverables
- Antenna Placement Diagrams
- Mount Photos
- Mount Mapping Report (for reference only)
- Analysis Calculations

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

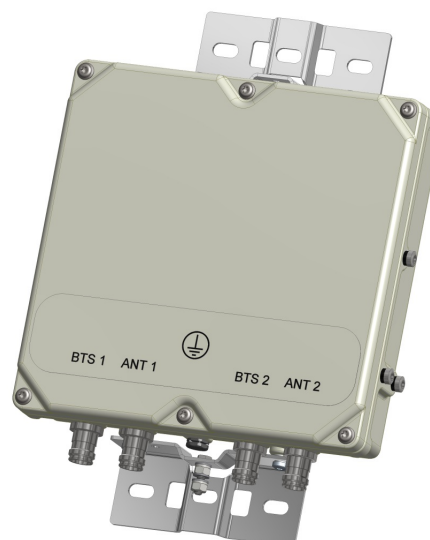
KA-6030

TWIN BANDSTOP 900MHZ INTERFERENCE MITIGATION FILTER

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

FEATURES

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



TECHNICAL SPECIFICATIONS

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

ELECTRICAL

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

DC / AISG

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

ENVIRONMENTAL

For further details of environmental compliance, please contact Kaelus.

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

MECHANICAL

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

ORDERING INFORMATION

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

ELECTRICAL BLOCK DIAGRAM

ANT1



BTS1

ANT2



BTS2

MECHANICAL BLOCK DIAGRAM

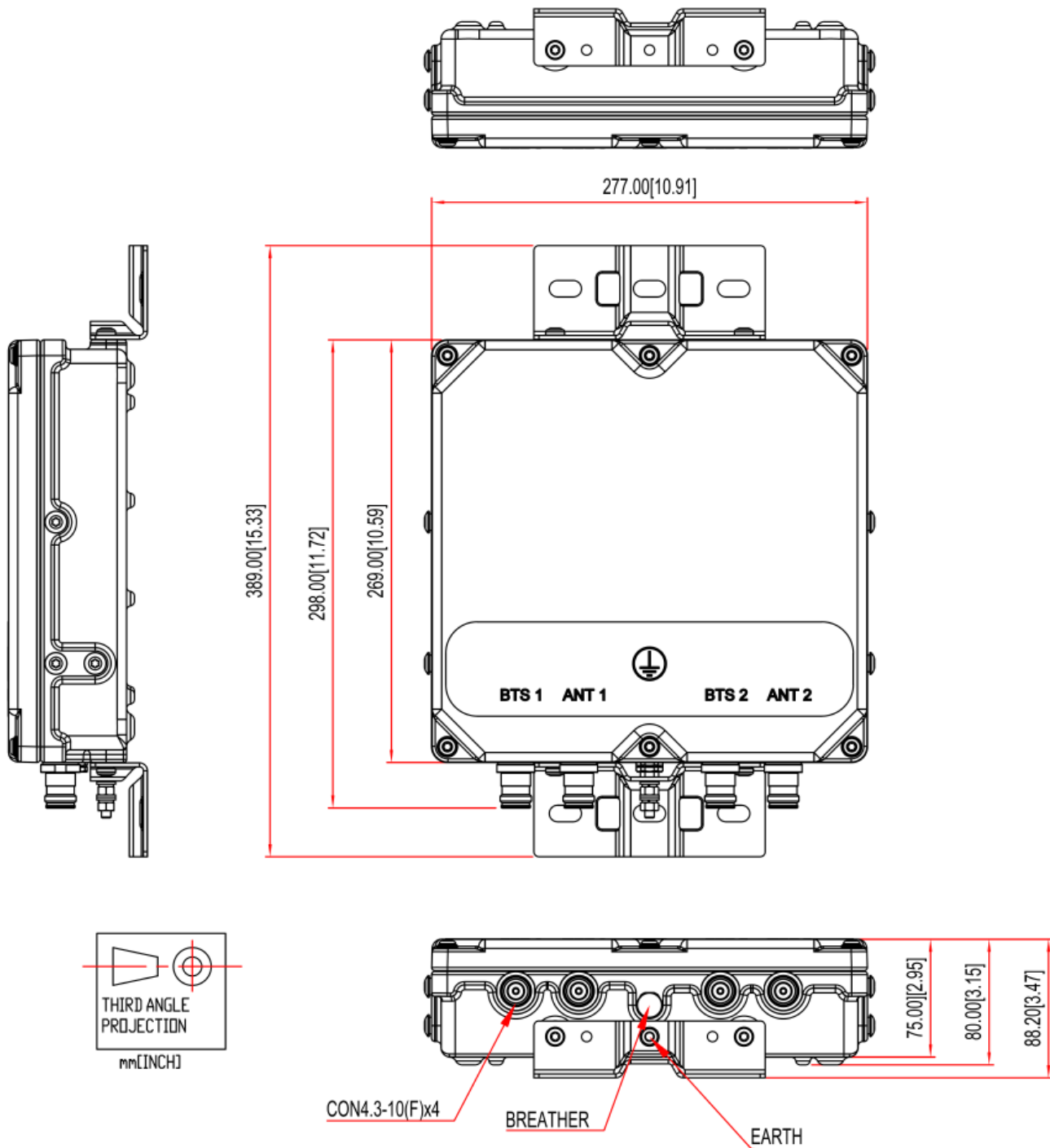


EXHIBIT 2



77 TOWN FARM RD

Location	77 TOWN FARM RD	Mblu	071/ / 0003/ /
Acct#	002800010010	Owner	ENFIELD TOWN OF
Assessment	\$1,523,000	Appraisal	\$2,175,700
PID	4350	Building Count	2
Fire District	1		

Current Value

Appraisal			
Valuation Year	Improvements	Land	Total
2021	\$988,200	\$1,187,500	\$2,175,700
Assessment			
Valuation Year	Improvements	Land	Total
2021	\$691,800	\$831,200	\$1,523,000

Owner of Record

Owner	ENFIELD TOWN OF	Sale Price	\$0
Co-Owner	REFUSE AREA (DUMP)	Certificate	1
Address	820 ENFIELD ST	Book & Page	0000/0000
	ENFIELD, CT 06082	Sale Date	
		Instrument	

Ownership History

Ownership History					
Owner	Sale Price	Certificate	Book & Page	Instrument	Sale Date
ENFIELD TOWN OF	\$0	1	0000/0000		

Building Information

Building 1 : Section 1	
Year Built:	1970
Living Area:	160
Replacement Cost:	\$7,484
Building Percent Good:	52
Replacement Cost	
Less Depreciation:	\$3,900

Building Attributes	
Field	Description
Style:	Job Shop
Model	Ind/Comm
Grade	Minimum
Stories:	1
Occupancy	1.00
Exterior Wall 1	Pre-finish Metl
Exterior Wall 2	
Roof Structure	Flat
Roof Cover	Metal/Tin
Interior Wall 1	Minim/Masonry
Interior Wall 2	
Interior Floor 1	Minimum/Plywd
Interior Floor 2	
Heating Fuel	Electric
Heating Type	Electr Basebrd
AC Type	None
Struct Class	
Bldg Use	Exempt Comm
Total Rooms	
Total Bedrms	
Total Baths	
Total H Bths	
Extra Fixtures	
1st Floor Use:	
Heat/AC	
Frame Type	Steel
Baths/Plumbing	None
Ceiling/Wall	Ceil Walls
Rooms/Prtns	Average
Wall Height	7.00
% Comn Wall	

Building 2 : Section 1

Year Built:
Living Area: 0
Replacement Cost: \$0
Building Percent Good:
Replacement Cost
Less Depreciation: \$0

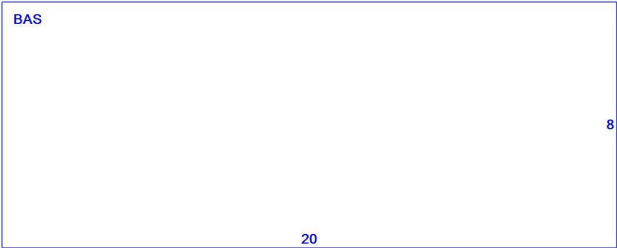
Building Attributes : Bldg 2 of 2	
Field	Description

Building Photo



(<https://images.vgsi.com/photos2/EnfieldCTPhotos/\A00\01\68\96.jpg>)

Building Layout



(ParcelSketch.ashx?pid=4350&bid=4350)

Building Sub-Areas (sq ft)			<u>Legend</u>
Code	Description	Gross Area	Living Area
BAS	First Floor	160	160
		160	160

Style	Outbuildings
Model	
Grade:	
Stories	
Occupancy	
Exterior Wall 1	
Exterior Wall 2	
Roof Structure	
Roof Cover	
Interior Wall 1	
Interior Wall 2	
Interior Flr 1	
Interior Flr 2	
Heat Fuel	
Heat Type:	
AC Type:	
Total Bedrooms:	
Full Bthrms:	
Half Baths:	
Extra Fixtures	
Total Rooms:	
Bath Style:	
Kitchen Style:	
Extra Kitchens	
Fireplace(s)	
Extra Opening(s)	
Gas Fireplace(s)	
Blocked FPL(s)	
Bsmt Garage(s)	
Fin Bsmt	
FBM Quality	
Whirlpool(s)	
Sauna	
Walk Out	
Solar	
Fndtn Cndtn	
Basement	

Building Photo



(https://images.vgsi.com/photos2/EnfieldCTPhotos///0035/DSCF0053_357i

Building Layout

 Building Layout (ParcelSketch.ashx?pid=4350&bid=30274)

Building Sub-Areas (sq ft)	<u>Legend</u>
No Data for Building Sub-Areas	

Extra Features

Extra Features	<u>Legend</u>
----------------	---------------

No Data for Extra Features

Land

Land Use		Land Line Valuation	
Use Code	930	Size (Acres)	173.60
Description	Exempt Ind	Frontage	1513
Zone	R88	Depth	
Neighborhood	C500	Assessed Value	\$831,200
Alt Land Appr Category	No	Appraised Value	\$1,187,500

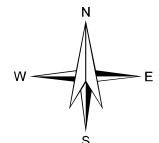
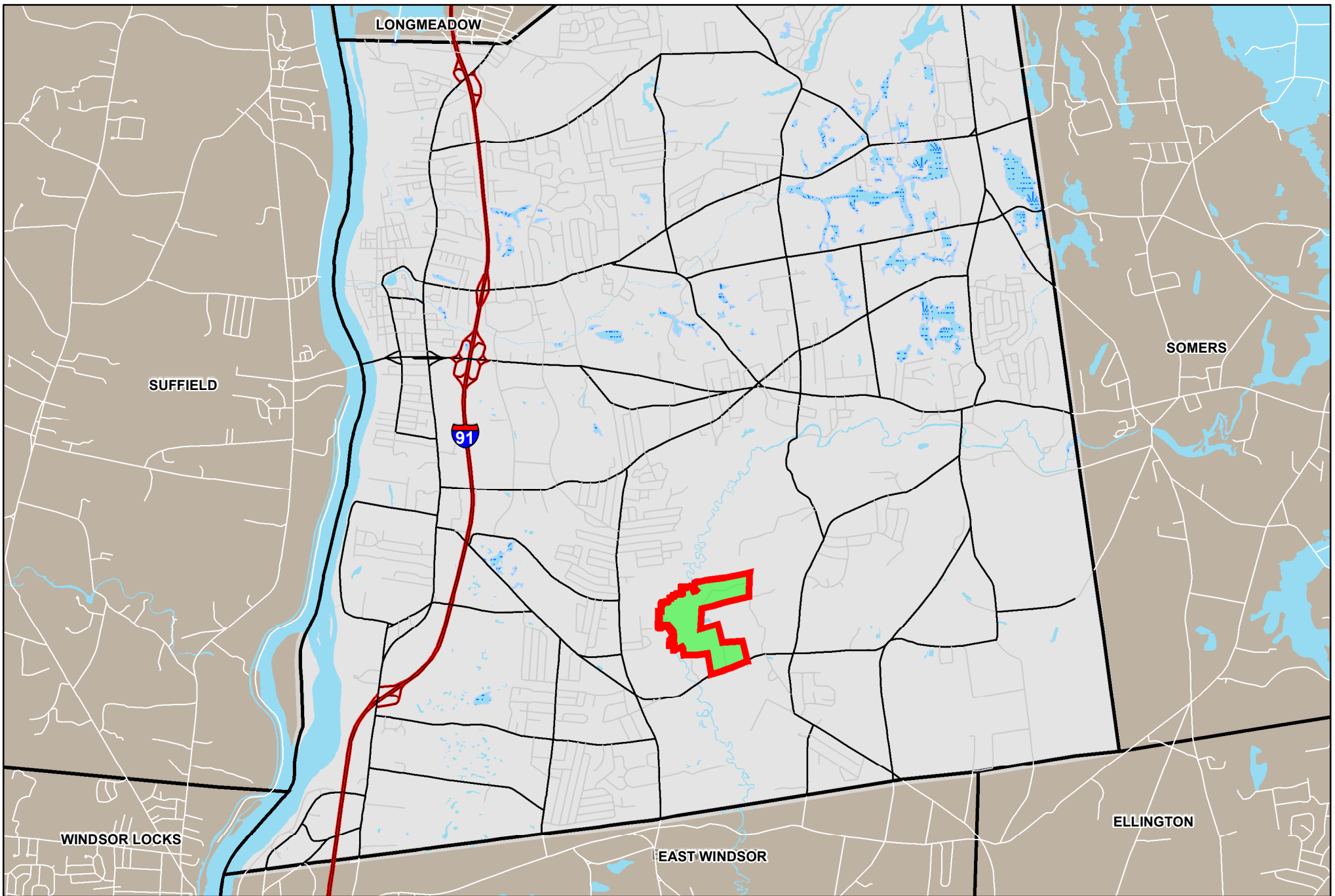
Outbuildings

Outbuildings						Legend
Code	Description	Sub Code	Sub Description	Size	Value	Bldg #
SHD1	Shed	MS	Masonry	100.00 S.F.	\$800	1
SCL2	SCALES-ELECT			60.00 TONS	\$23,100	1
TWR2	Cell Twr 2 Carriers			1.00 UNITS	\$206,300	2
SHD1	Shed	MS	Masonry	140.00 S.F.	\$1,800	1
TWR5	Cell Twr5 Carriers			1.00 UNITS	\$740,600	2
FN3	FENCE-8' CHAIN			256.00 L.F.	\$4,100	1
SHD2	Shed gd	MS	Masonry	240.00 S.F.	\$2,900	2
SHD2	Shed gd	MS	Masonry	240.00 S.F.	\$2,900	2
SHD2	Shed gd	MS	Masonry	144.00 S.F.	\$1,800	2

Valuation History

Appraisal			
Valuation Year	Improvements	Land	Total
2021	\$802,500	\$1,187,500	\$1,990,000
2020	\$802,530	\$1,097,420	\$1,899,950
2019	\$802,530	\$1,097,420	\$1,899,950

Assessment			
Valuation Year	Improvements	Land	Total
2021	\$561,900	\$831,200	\$1,393,100
2020	\$561,770	\$768,200	\$1,329,970
2019	\$561,770	\$768,200	\$1,329,970



The Town of Enfield, CT shall assume no liability for any errors, omissions, or inaccuracies in the information provided regardless of how caused or any decision made or action taken or not taken by reader in reliance upon any information or data furnished hereunder.

ENFIELD 4 CT

0 1,100 2,200 4,400 6,600 8,800 Feet

1 inch = 4,990 feet



EXHIBIT 3





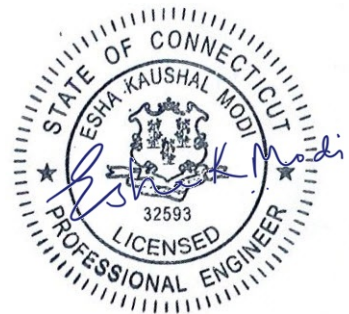
Structural Analysis Report

Structure : 150 ft Monopole
ATC Asset Name : Enfd - Enfield
ATC Asset Number : 302489
Engineering Number : 14519765_C3_03
Proposed Carrier : VERIZON WIRELESS
Carrier Site Name : ENFIELD 4 CT
Carrier Site Number : 5000175528
Site Location : 77 Town Farm Road
Enfield, CT 06082-5152
41.9659° N, 72.5527° W
County : Hartford
Date : September 8, 2023
Max Usage : 88%
Analysis Result : Pass

Created By:

Zachary S. Blackford
Structural Engineer I

A handwritten signature in black ink that reads 'Zachary Blackford'.



COA: PEC.0001553

Table of Contents

Introduction	3
Supporting Documents	3
Analysis	3
Conclusion	3
Structure Usages	4
Maximum Reactions	4
Tower Loading	5
Standard Conditions	Attached
Calculations	Attached

Introduction

The purpose of this report is to summarize results of a structural analysis performed on the 150 ft Monopole tower to reflect the change in loading by VERIZON WIRELESS.

Supporting Documents

Tower:	ITT Meyer Specification #AT-8935, Type B, dated April 13, 1984 Mapping by Smith Cullum Acquisition #CT-0025, dated May 14, 2001
Foundation:	Southern New England Telephone Drawing , dated July 6, 1985 Mapping by SGS Job#2207447, dated June 22, 2022
Geotechnical:	MB & A Project #011107, dated July 16, 2001 SpectraSite Site #CT-0025, dated September 20, 2002
Modification:	ATC Job #40071639, dated December 6, 2007 ATC Job #48982632, dated April 25, 2012 ATC Job #613768312, dated February 2, 2016
Site Specific Study:	ICE Report for Site 302489, dated April 24, 2019

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:	125 mph (3-second gust)
Basic Wind Speed w/ Ice:	77 mph (3-second gust) w/ 1.65" 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:	$S_s = 0.17$, $S_i = 0.06$
Site Class:	D - Stiff Soil - Default

**Wind pressures have been determined per the site-specific climatic study in accordance with ASCE 7-16 Section 26.5.3, IBC Section 1609.3, and TIA-222-H Section 2.6.6.2.3.*

**Ice thickness and wind pressures have been determined per the site-specific climatic study in accordance with ASCE 7-16 Section 10.1.1, IBC Section 1614, and TIA-222-H Section 2.6.4.1.*

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

Structure Usages

Structural Component	Usage	Control	Result
Pole Shaft	87.5%	1.2D + 1.0W	Pass
Reinforcement	87.4%	0 ft to 121 ft	Pass
Upper Termination	63.3%	23.6 ft to 68.7 ft	Pass
Intermediate Connector	86.5%	0 ft to 121 ft	Pass
Lower Termination	50.2%	119.13 ft to 124.5 ft	Pass
Upper Flange Plate @ 110.0 ft	61.2%	Bolts	Pass
Base Plate @ 0.0 ft	73.6%	Dywidag	Pass
Foundation	80.2%	Overturning Moment	Pass

Maximum Reactions

Foundation	Moment (k-ft)	Axial (k)	Shear (k)
Monopole Base	3,504.3	61.1	33.9

**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
130.0	1	Raycap RCMD6-6627-PF-48	(3) 1 1/4" Hybriflex Cable (12) 1 5/8" Coax
	2	Kaelus KA-6030	
	3	Amphenol Antel BXA-80080-6CF-EDIN-X	
	3	Samsung B2/B66A RRH-BR049	
	3	Samsung B5/B13 RRH-BR04C	
	3	Samsung MT6407-77A	
	3	Samsung RT4401-48A	
	6	Commscope NHH-65B-R2B	
127.0	1	Low Profile Platform	-

Other Existing/Reserved Loading

Elev (ft)	Qty	Equipment	Lines	Carrier
157.1	1	Decibel DB809KE-SY	-	SPOK HOLDINGS, INC.
153.0	3	Ericsson Air 6449 B77D	-	AT&T MOBILITY
151.0	1	Raycap DC9-48-60-24-8C-EV (16lbs)	(3) 0.40" (10.3mm) Fiber (2) 0.82" (20.8mm) 8 AWG 6 (2) 0.92" (23.4mm) Cable (2) 0.95" (24.2mm) Cable (6) 1 5/8" Coax (4) 2" conduit	AT&T MOBILITY
	2	Raycap DC6-48-60-18-8F ("Squid")		
	3	CCI DMP65R-BU8D		
	3	CCI TPA65R-BU8D (87.5 lbs)		
	3	Ericsson RRUS 32 B30		
	3	Ericsson RRUS 4449 B5, B12		
	3	Ericsson RRUS 4478 B14		
	3	Ericsson RRUS 8843 B2, B66A		
150.0	1	Platform with Handrails	-	AT&T MOBILITY
	3	Mount Reinforcement		
149.0	3	Ericsson AIR 6419 B77G	-	AT&T MOBILITY
140.0	1	Platform w/ Handrails	(4) 1 5/8" Coax (3) 1 5/8" Hybriflex	T-MOBILE
	3	Commscope SDX1926Q-43		
	3	Ericsson 4424 B25		
	3	Ericsson Air6449 B41		
	3	Ericsson RRUS 4415 B66		
	3	Ericsson Radio 4449 B71 B85A		
	3	RFS APX16DWV-16DWVS-E-A20		
	3	RFS APXVAALL24 43-U-NA20		
119.3	3	76" x 6" Panel	-	METRO PCS INC
111.0	3	Side Arm	-	CLEARWIRE
110.1	2	DragonWave A-ANT-11G-2-C	-	CLEARWIRE CORPORATION
109.5	2	DragonWave Horizon Compact	-	CLEARWIRE CORPORATION
107.1	1	24" x 24" Junction Box	-	CLEARWIRE CORPORATION
107.0	3	Alcatel-Lucent 1900MHz RRH (65MHz) w/ solar shield	(2) 2" conduit	CLEARWIRE CORPORATION
	3	Argus LLPX310R		
58.6	1	Channel Master Type 120	-	SPOK HOLDINGS, INC.
40.0	1	Blank Exhibit	-	SPOK HOLDINGS, INC.

(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.

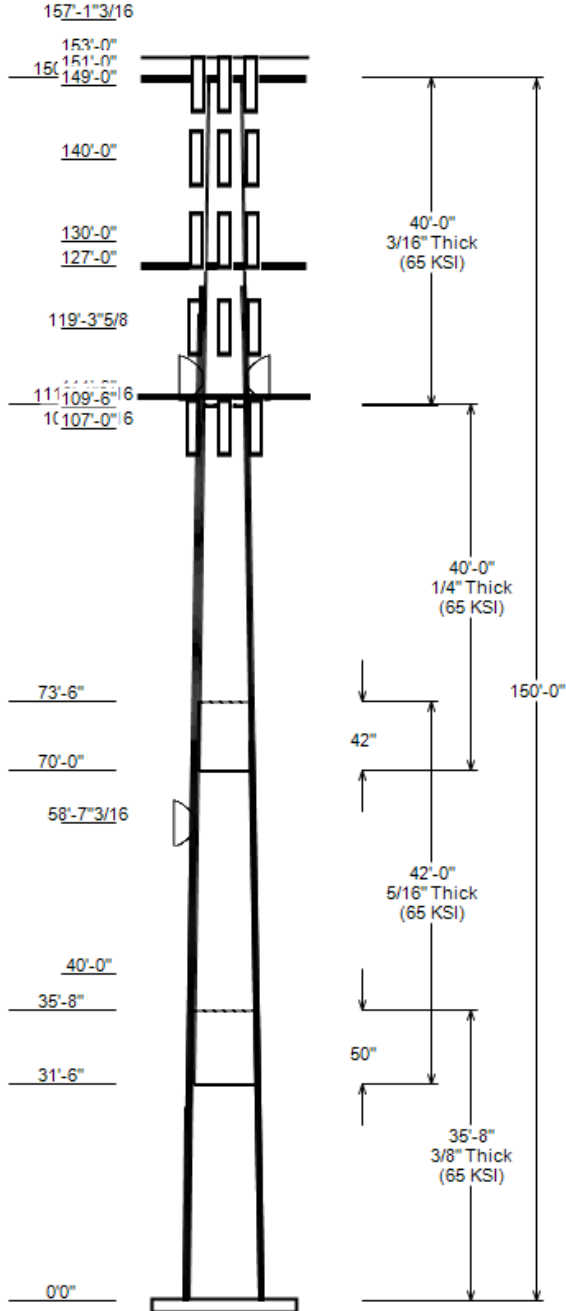
All assets of American Tower Corporation, its affiliates, and subsidiaries (collectively "American Tower") are inspected at regular intervals. Based upon these inspections and in the absence of information to the contrary, American Tower assumes that all structures were constructed in accordance with 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:	122 mph	Ice Wind:	75 mph w/ 1.4" ice	Service Wind:	60 mph
Risk Category:	II	Exposure:	B	S ₁ :	0.174
Topo Category:	1	Topo Factor:	Method 1	S ₂ :	0.055
Structure Height:	150 ft	Base Elevation:	0.00 ft	Topo Feature:	
Base Diameter:	37.38 in	Base Rotation:	0°	Structure Type:	Taper
				Taper:	0.1570 (in/ft)



POLE SECTION PROPERTIES

Section	Length (ft)	Flat Diameter (in)		Thick (in)	Joint Type	Joint Length (in)	Pole Shape	Yield Strength (ksi)
		Top	Bottom					
1	35.667	31.79	37.38	0.375		0.000	12 Sides	65
2	42.000	26.49	33.07	0.312	Slip Joint	50.000	12 Sides	65
3	40.000	21.27	27.54	0.250	Slip Joint	42.000	12 Sides	65
4	40.000	15.00	21.27	0.188	Butt Joint	0.000	12 Sides	65

DISCRETE APPURTENANCE

Elev (ft)	Description
157.1	(1) Decibel DB809KE-SY
153.0	(3) Ericsson Air 6449 B77D
151.0	(2) Raycap DC6-48-60-18-8F ("Squid
151.0	(3) Ericsson RRUS 8843 B2, B66A
151.0	(3) Ericsson RRUS 4449 B5, B12
151.0	(3) Ericsson RRUS 4478 B14
151.0	(3) Ericsson RRUS 32 B30
151.0	(1) Raycap DC9-48-60-24-8C-EV (16l
151.0	(3) CCI DMP65R-BU8D
151.0	(3) CCI TPA65R-BU8D (87.5 lbs)
150.0	(3) Mount Reinforcement
150.0	(1) Generic Round Platform with Ha
149.0	(3) Ericsson AIR 6419 B77G
140.0	(3) Commscope SDX1926Q-43
140.0	(3) Ericsson Radio 4449 B71 B85A
140.0	(3) Ericsson RRUS 4415 B66
140.0	(3) Ericsson 4424 B25
140.0	(3) Ericsson Air6449 B41
140.0	(3) RFS APX16DWV-16DWVS-E-A20
140.0	(3) RFS APXVAALL24 43-U-NA20
140.0	(1) Round Platform w/ Flat Handrai
130.0	(2) Kaelus KA-6030
130.0	(3) Samsung RT4401-48A
130.0	(3) Samsung B2/B66A RRH-BR049
130.0	(3) Samsung B5/B13 RRH-BR04C
130.0	(1) Raycap RCMDC-6627-PF-48
130.0	(3) Samsung MT6407-77A
130.0	(3) Amphenol Antel BXA-80080-6CF-E
130.0	(6) Commscope NHH-65B-R2B
127.0	(1) Generic Round Low Profile Plat
119.3	(3) Generic 76" x 6" Panel
111.0	(3) Generic Round Side Arm
110.1	(2) DragonWave A-ANT-11G-2-C
109.5	(2) DragonWave Horizon Compact
107.1	(1) Generic 24" x 24" Junction Box
107.0	(3) Alcatel-Lucent 1900MHz RRH (65
107.0	(3) Argus LLPX310R
58.6	(1) Channel Master Type 120
40.0	(1) Generic Blank Exhibit

LINEAR APPURTENANCE

Elev To (ft)	Description
157.0	(1) 1 5/8" Coax
151.0	(4) 2" conduit
151.0	(6) 1 5/8" Coax
151.0	(2) 0.95" (24.2mm) Cable
151.0	(2) 0.92" (23.4mm) Cable
151.0	(2) 0.82" (20.8mm) 8 AWG 6
151.0	(3) 0.40" (10.3mm) Fiber
140.0	(3) 1 5/8" Hybriflex
140.0	(4) 1 5/8" Coax
130.0	(6) 1 5/8" Coax
130.0	(6) 1 5/8" Coax
130.0	(3) 1 1/4" Hybriflex Cable
129.0	(1) W8 Brackets for #20
129.0	(1) W8 Brackets for #20
129.0	(1) W8 Brackets for #20
129.0	(1) #20 w/ W Brackets
129.0	(1) #20 w/ W Brackets
129.0	(1) #20 w/ W Brackets
129.0	(1) #20 w/ W Brackets
125.0	(1) #20 w/ Angle Brackets
125.0	(1) #20 w/ Angle Brackets
125.0	(1) #20 w/ Angle Brackets
125.0	(1) #20 w/ Angle Brackets
109.0	(2) 1/2" Coax
107.0	(2) 2" conduit
76.7	(1) W8 Brackets for #20
76.7	(1) W8 Brackets for #20
76.7	(1) W8 Brackets for #20
76.7	(1) W8 Brackets for #20
76.7	(1) #20 w/ W Brackets
76.7	(1) #20 w/ W Brackets
76.7	(1) #20 w/ W Brackets
76.7	(1) #20 w/ W Brackets
58.0	(1) 0.28" (7mm) RG-6

DISH SERVICEABILITY

Load Case	Elevation (ft)	Deflection (in)	Rotation (°)
1.0D + 1.0W	58.60	3.510	0.555
1.0D + 1.0W	110.10	12.870	1.199

GLOBAL BASE REACTIONS

Load Case	Moment (kip-ft)	Axial (kip)	Shear (kip)
1.2D + 1.0W	3504.31	61.06	33.92
0.9D + 1.0W	3445.72	45.78	33.89
1.2D + 1.0Di + 1.0Wi	2391.97	95.66	22.04
1.2D + 1.0Ev + 1.0Eh	199.19	60.84	1.53
0.9D - 1.0Ev + 1.0Eh	194.87	42.43	1.53
1.0D + 1.0W	753.66	50.94	7.36

ANALYSIS PARAMETERS			
Location:	Hartford County,CT	Height:	150 ft
Type and Shape:	Taper, 12 Sides	Base Diameter:	37.38 in
Manufacturer:	ITT Meyer	Top Diameter:	15.00 in
K _d (non-service):	0.95	Taper:	0.1570 in/ft
K _e :	0.99	Rotation:	0.000°

ICE & WIND PARAMETERS			
Risk Category:	II	Design Wind Speed:	122 mph
Exposure Category:	B	Design Wind Speed w/ Ice:	75 mph
Topo Factor Procedure:	Method 1	Design Ice Thickness:	1.40 in
Topographic Category:	1	Service Wind Speed:	60 mph
Crest Height:	0 ft	HMSL:	159.00 ft

SEISMIC PARAMETERS					
Analysis Method:	Equivalent Lateral Force Method				
Site Class:	D - Stiff Soil	Period Based on Rayleigh Method (sec):		2.89	
T _L (sec):	6	P:	1	C _s :	0.030
S _s :	0.174	S ₁ :	0.055	C _s Max:	0.030
F _a :	1.600	F _v :	2.400	C _s Min:	0.030
S _{ds} :	0.186	S _{d1} :	0.088		

LOAD CASES	
1.2D + 1.0W	121.83 mph Wind with No Ice
0.9D + 1.0W	121.83 mph Wind with No Ice (Reduced DL)
1.2D + 1.0Di + 1.0Wi	75.05 mph Wind with 1.402" Radial Ice
1.2D + 1.0Ev + 1.0Eh	Seismic
0.9D - 1.0Ev + 1.0Eh	Seismic (Reduced DL)
1.0D + 1.0W	60 mph Wind with No Ice

SHAFT SECTION PROPERTIES																			
Section	Length (ft)	Thick (in)	Fy (ksi)	Joint Type	Joint Len (in)	Weight (lb)	Bottom						Top						Taper (in/ft)
							Dia (in)	Elev (ft)	Area (in²)	Ix (in⁴)	W/t Ratio	D/t Ratio	Dia (in)	Elev (ft)	Area (in²)	Ix (in⁴)	W/t Ratio	D/t Ratio	
1-12	35.67	0.3750	65		0.00	5,014	37.38	0.003	44.68	7,810.1	24.03	99.68	31.79	35.67	37.93	4,778.9	20.04	84.78	0.1567
2-12	42.00	0.3125	65	Slip	50.00	4,237	33.07	31.500	32.96	4,514.2	25.68	105.82	26.49	73.50	26.34	2,303.3	20.03	84.76	0.1567
3-12	40.00	0.2500	65	Slip	42.00	2,646	27.54	70.000	21.97	2,087.4	26.83	110.14	21.27	110.00	16.92	954.0	20.12	85.07	0.1567
4-12	40.00	0.1875	65	Butt	0.00	1,475	21.27	110.000	12.73	721.9	27.71	113.43	15.00	150.00	8.94	250.5	18.76	80.00	0.1567
Total Shaft Weight						13,372													

DISCRETE APPURTENANCE PROPERTIES										
Attach Elev (ft)	Description	Qty	Ka	Vert Ecc (ft)	No Ice			Ice		
					Weight (lb)	EPAA (sf)	Orientation Factor	Weight (lb)	EPAA (sf)	Orientation Factor
157.10	Decibel DB809KE-SY	1	1.00	0.000	26.00	3.400	1.00	106.35	7.206	1.00
153.00	Ericsson Air 6449 B77D	3	0.75	0.000	81.60	4.028	0.65	177.88	5.315	0.65
151.00	CCI DMP65R-BU8D	3	0.75	0.000	95.70	17.871	0.63	413.92	21.321	0.63
151.00	CCI TPA65R-BU8D (87.5 lbs)	3	0.75	0.000	87.50	18.089	0.63	410.30	21.546	0.63
151.00	Raycap DC9-48-60-24-8C-EV (16l	1	0.75	0.000	16.00	4.762	1.00	136.87	6.132	1.00
151.00	Ericsson RRUS 32 B30	3	0.75	0.000	60.00	2.743	0.67	128.88	3.838	0.67
151.00	Ericsson RRUS 4478 B14	3	0.75	0.000	59.40	2.021	0.67	116.86	2.904	0.67
151.00	Ericsson RRUS 4449 B5, B12	3	0.75	0.000	71.00	1.969	0.50	131.34	2.842	0.50
151.00	Ericsson RRUS 8843 B2, B66A	3	0.75	0.000	72.00	1.639	0.50	129.39	2.430	0.50
151.00	Raycap DC6-48-60-18-8F ("Squid	2	0.75	0.000	18.90	1.470	1.00	76.68	2.124	1.00
150.00	Mount Reinforcement	3	0.75	0.000	200.00	4.980	0.67	330.45	8.228	0.67
150.00	Generic Round Platform with Ha	1	1.00	0.000	2500.00	27.200	1.00	4016.50	50.086	1.00
149.00	Ericsson AIR 6419 B77G	3	0.75	0.000	66.10	3.797	0.65	156.79	5.028	0.65
140.00	RFS APXVAALL24 43-U-NA20	3	0.75	0.000	122.80	20.243	0.63	484.45	23.687	0.63
140.00	RFS APX16DWV-16DWVS-E-A20	3	0.75	0.000	40.70	6.586	0.60	149.16	8.597	0.60
140.00	Ericsson Air6449 B41	3	0.75	0.000	104.00	5.682	0.63	230.53	7.156	0.63
140.00	Ericsson Radio 4449 B71 B85A	3	0.75	0.000	75.00	1.650	0.50	130.84	2.439	0.50
140.00	Ericsson RRUS 4415 B66	3	0.75	0.000	46.00	1.650	0.50	86.20	2.439	0.50
140.00	Ericsson 4424 B25	3	0.75	0.000	86.00	2.052	0.50	153.70	2.928	0.50
140.00	Round Platform w/ Flat Handrai	1	1.00	0.000	2500.00	34.800	1.00	4117.06	57.310	1.00
140.00	Commscope SDX1926Q-43	3	0.75	0.000	6.20	0.242	0.50	14.18	0.569	0.50
130.00	Commscope NHH-65B-R2B	6	0.80	0.000	43.70	8.079	0.69	204.49	10.648	0.69
130.00	Amphenol Antel BXA-80080-6CF-E	3	0.80	0.000	18.00	5.760	0.73	134.59	7.943	0.73
130.00	Samsung MT6407-77A	3	0.80	0.000	81.60	4.709	0.61	175.60	6.110	0.61
130.00	Raycap RCMDC-6627-PF-48	1	0.80	0.000	32.00	4.056	0.50	149.21	5.315	0.50
130.00	Samsung B5/B13 RRH-BR04C	3	0.80	0.000	70.30	1.875	0.50	123.05	2.707	0.50
130.00	Samsung B2/B66A RRH-BR049	3	0.80	0.000	84.40	1.875	0.50	143.23	2.707	0.50
130.00	Kaelus KA-6030	2	0.80	0.000	17.60	0.963	0.50	39.34	1.566	0.50
130.00	Samsung RT4401-48A	3	0.80	0.000	18.60	0.996	0.50	43.50	1.627	0.50
127.00	Generic Round Low Profile Plat	1	1.00	0.000	1875.00	21.700	1.00	2620.40	39.371	1.00
119.30	Generic 76" x 6" Panel	3	1.00	0.000	40.00	5.030	0.69	121.42	7.285	0.69
111.00	Generic Round Side Arm	3	1.00	0.000	187.50	5.200	0.67	270.56	7.668	0.67
110.10	DragonWave A-ANT-11G-2-C	2	0.80	1.000	27.00	4.688	1.00	115.49	5.845	1.00
109.50	DragonWave Horizon Compact	2	0.80	1.000	10.60	0.721	0.50	30.99	1.237	0.50
107.10	Generic 24" x 24" Junction Box	1	0.80	4.000	20.00	4.800	0.50	123.96	6.087	0.50
107.00	Alcatel-Lucent 1900MHz RRH (65	3	0.80	0.000	60.00	2.583	0.50	143.41	3.591	0.50
107.00	Argus LLPX310R	3	0.80	0.000	28.60	4.292	0.63	110.12	5.788	0.63
58.60	Channel Master Type 120	1	0.80	0.000	126.00	20.190	1.00	300.80	22.748	1.00
40.00	Generic Blank Exhibit	1	1.00	0.000	0.00	0.010	1.00	0.00	0.010	1.00
Totals		Row Count: 39		98		13,094.40		26,854.14		

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	157.00	1	1 1/8" Coax	1.98	0.82	N	0	0	0	0	0	N	SPOK HOLDINGS, INC.
0.00	151.00	6	1 1/8" Coax	1.98	0.82	N	0	0	0	0	0	N	AT&T MOBILITY
0.00	151.00	4	2" conduit	2.38	3.65	N	0	0	0	0	0	N	AT&T MOBILITY

ASSET: 302489, Enfd - Enfield
CUSTOMER: VERIZON WIRELESS

CODE: ANSI/TIA-222-H
PROJECT: 14519765_C3_03

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	151.00	3	0.40" (10.3mm) Fiber	0.4	0.09	N	0	0	0	0	0	N	AT&T MOBILITY
0.00	151.00	2	0.92" (23.4mm) Cable	0.92	0.89	N	0	0	0	0	0	N	AT&T MOBILITY
0.00	151.00	2	0.95" (24.2mm) Cable	0.95	0.73	N	0	0	0	0	0	N	AT&T MOBILITY
0.00	151.00	2	0.82" (20.8mm) 8 AWG	0.82	0.62	N	0	0	0	0	0	N	AT&T MOBILITY
10.00	140.00	4	1 5/8" Coax	1.98	0.82	N	0	0	0	0	0	N	T-MOBILE
10.00	140.00	3	1 5/8" Hybriflex	1.98	1.3	N	3	1	1	210	1	Y	T-MOBILE
10.00	130.00	6	1 5/8" Coax	1.98	0.82	N	3	1	1	15	1	Y	VERIZON WIRELESS
10.00	130.00	6	1 5/8" Coax	1.98	0.82	N	3	1	1	90	1	Y	VERIZON WIRELESS
10.00	130.00	3	1 1/4" Hybriflex Cabl	1.54	1	N	3	1	1	85	1	Y	VERIZON WIRELESS
114.00	129.00	1	#20 w/ W Brackets	2.5	0	N	1	0	0	180	8.28	Y	
114.00	129.00	1	W8 Brackets for #20	2.48	6.3	Y	1	0	0	90	2.9	Y	
114.00	129.00	1	#20 w/ W Brackets	2.5	0	N	1	0	0	300	8.28	Y	
114.00	129.00	1	#20 w/ W Brackets	2.5	0	N	1	0	0	90	8.28	Y	
114.00	129.00	1	W8 Brackets for #20	2.48	6.3	Y	1	0	0	300	2.9	Y	
114.00	129.00	1	W8 Brackets for #20	2.48	6.3	Y	1	0	0	180	2.9	Y	
0.00	125.00	1	#20 w/ Angle Brackets	4	4.68	N	1	0	0	113	0	Y	
0.00	125.00	1	#20 w/ Angle Brackets	4	4.68	N	1	0	0	293	0	Y	
0.00	125.00	1	#20 w/ Angle Brackets	4	4.68	N	1	0	0	23	0	Y	
0.00	125.00	1	#20 w/ Angle Brackets	4	4.68	N	1	0	0	203	0	Y	
10.00	109.00	2	1 1/2" Coax	0.63	0.15	N	2	1	1	300	1	Y	CLEARWIRE CORPORATI
10.00	107.00	2	2" conduit	2.38	3.65	N	2	1	1	330	3	Y	CLEARWIRE CORPORATI
0.00	76.70	1	#20 w/ W Brackets	2.5	0	N	1	0	0	270	8.28	Y	
0.00	76.70	1	#20 w/ W Brackets	2.5	0	N	1	0	0	180	8.28	Y	
0.00	76.70	1	#20 w/ W Brackets	2.5	0	N	1	0	0	0	8.28	Y	
0.00	76.70	1	W8 Brackets for #20	2.48	6.3	Y	1	0	0	0	2.9	Y	
0.00	76.70	1	W8 Brackets for #20	2.48	6.3	Y	1	0	0	90	2.9	Y	
0.00	76.70	1	W8 Brackets for #20	2.48	6.3	Y	1	0	0	180	2.9	Y	
0.00	76.70	1	W8 Brackets for #20	2.48	6.3	Y	1	0	0	270	2.9	Y	
0.00	76.70	1	#20 w/ W Brackets	2.5	0	N	1	0	0	90	8.28	Y	
0.00	58.00	1	0.28" (7mm) RG-6	0.28	0.03	N	1	1	1	15	1	Y	SPOK HOLDINGS, INC.

ADDITIONAL STEEL

Intermediate Connectors

Elev From (ft)	Elev To (ft)	Qty	Description	Fy (ksi)	Offset (in)	Bracket Type	Spacing (in)	Length (in)	Connectors	Continuation?
0.00	121.00	4	SOL #20 All Thread Bar	75	2.19	6" Angle Bracket	30.00	3.31	5/8" A36 U-Bolt	N
0.00	23.60	4	SOL #20 All Thread Bar	80	8.28	6" T Bracket	30.00	3.31	5/8" A36 U-Bolt	N
23.60	68.70	4	SOL #20 All Thread Bar	80	8.28	6" T Bracket	30.00	3.31	5/8" A36 U-Bolt	Y
119.13	124.50	3	SOL #20 (15 deg Offset)	80	8.28	6" T Bracket	30.00	3.31	5/8" A36 U-Bolt	N

SEGMENT PROPERTIES

Seg Top Elev (ft)	Description	Thick (in)	Flat Dia (in)	Area (in ²)	Ix (in ⁴)	W/t Ratio	D/t Ratio	F'y (ksi)	S (in ³)	Z (in ³)	Weight (lb)	Additional Reinforcing		
												Area (in ²)	Ix (in ⁴)	Weight (lb)
0.00		0.3750	37.380	44.684	7,810.10	24.03	99.68	78.5	403.6	0.0	0.0	39.280	12,967.70	0.0
5.00		0.3750	36.596	43.737	7,324.40	23.47	97.59	79.1	386.6	0.0	752.2	39.280	12,564.70	668.0
10.00		0.3750	35.813	42.791	6,859.30	22.91	95.50	79.7	370.0	0.0	736.1	39.280	12,168.20	668.0
15.00		0.3750	35.029	41.845	6,414.30	22.35	93.41	80.3	353.7	0.0	720.0	39.280	11,778.10	668.0
20.00		0.3750	34.246	40.899	5,989.00	21.79	91.32	80.9	337.8	0.0	703.9	39.280	11,394.50	668.0
23.60	Reinf. Top Reinf Bottom	0.3750	33.682	40.218	5,694.80	21.39	89.82	81.4	326.6	0.0	496.8	39.280	11,122.30	481.0
25.00		0.3750	33.462	39.953	5,583.00	21.23	89.23	81.6	322.3	0.0	191.0	39.280	11,017.40	187.0
30.00		0.3750	32.679	39.007	5,195.70	20.67	87.14	81.9	307.1	0.0	671.7	39.280	10,646.70	668.0
31.50	Bot - Section 2	0.3750	32.444	38.723	5,083.10	20.50	86.52	81.9	302.7	0.0	198.4	39.280	10,536.70	200.4
35.00		0.3750	31.895	38.061	4,826.70	20.11	85.05	81.9	292.3	0.0	846.5	39.280	10,572.50	467.6
35.67	Top - Section 1	0.3125	32.416	32.304	4,249.60	25.12	103.73	77.3	253.3	0.0	159.6	39.280	10,523.70	89.1
40.00		0.3125	31.737	31.621	3,985.60	24.53	101.56	78	242.6	0.0	471.3	39.280	10,209.60	578.9
45.00		0.3125	30.953	30.833	3,694.90	23.86	99.05	78.7	230.6	0.0	531.3	39.280	9,853.10	668.0
50.00		0.3125	30.170	30.044	3,418.60	23.19	96.54	79.4	218.9	0.0	517.9	39.280	9,503.10	668.0

ASSET: 302489, Enfd - Enfield
CUSTOMER: VERIZON WIRELESS

CODE: ANSI/TIA-222-H
PROJECT: 14519765_C3_03

SEGMENT PROPERTIES

Seg Top Elev (ft)	Description	Thick (in)	Flat Dia (in)	Area (in ²)	Ix (in ⁴)	W/t Ratio	D/t Ratio	F'y (ksi)	S (in ³)	Z (in ³)	Weight (lb)	Additional Reinforcing		
												Area (in ²)	Ix (in ⁴)	Weight (lb)
55.00		0.3125	29.386	29.256	3,156.50	22.52	94.04	80.2	207.5	0.0	504.5	39.280	9,159.60	668.0
58.60		0.3125	28.822	28.688	2,976.30	22.03	92.23	80.7	199.5	0.0	354.9	39.280	8,916.20	481.0
60.00		0.3125	28.603	28.467	2,908.10	21.85	91.53	80.9	196.4	0.0	136.1	39.280	8,822.50	187.0
65.00		0.3125	27.819	27.679	2,673.10	21.17	89.02	81.6	185.6	0.0	477.6	39.280	8,491.90	668.0
68.70	Reinf. Top	0.3125	27.240	27.096	2,507.60	20.68	87.17	81.9	177.8	0.0	344.8	39.280	8,251.40	494.3
70.00	Bot - Section 3	0.3125	27.036	26.891	2,451.20	20.50	86.52	81.9	175.1	0.0	119.4	19.640	2,879.10	86.8
73.50	Top - Section 2	0.2500	26.988	21.524	1,964.00	26.25	107.95	76.1	140.6	0.0	575.9	19.640	2,870.70	233.8
75.00		0.2500	26.752	21.335	1,912.70	25.99	107.01	76.4	138.1	0.0	109.4	19.640	2,830.00	100.2
80.00		0.2500	25.969	20.704	1,748.00	25.15	103.88	77.3	130.0	0.0	357.6	19.640	2,696.60	334.0
85.00		0.2500	25.185	20.073	1,593.10	24.31	100.74	78.2	122.2	0.0	346.9	19.640	2,566.40	334.0
90.00		0.2500	24.402	19.442	1,447.60	23.47	97.61	79.1	114.6	0.0	336.2	19.640	2,439.50	334.0
95.00		0.2500	23.618	18.812	1,311.20	22.63	94.47	80	107.2	0.0	325.4	19.640	2,315.70	334.0
100.00		0.2500	22.835	18.181	1,183.70	21.79	91.34	80.9	100.1	0.0	314.7	19.640	2,195.20	334.0
105.00		0.2500	22.051	17.550	1,064.70	20.96	88.21	81.9	93.3	0.0	304.0	19.640	2,078.00	334.0
107.00		0.2500	21.738	17.298	1,019.50	20.62	86.95	81.9	90.6	0.0	118.6	19.640	2,032.00	133.6
107.10		0.2500	21.722	17.285	1,017.20	20.60	86.89	81.9	90.5	0.0	5.9	19.640	2,029.70	6.7
109.50		0.2500	21.346	16.983	964.70	20.20	85.39	81.9	87.3	0.0	139.9	19.640	1,975.20	160.3
110.00	Top - Section 3	0.2500	21.268	16.919	954.00	20.12	85.07	81.9	86.7	0.0	28.8	19.640	1,963.90	33.4
110.00	Bot - Section 4	0.1875	21.268	12.727	721.90	27.71	113.43	74.5	65.6	0.0		19.640	1,963.90	
110.10		0.1875	21.252	12.718	720.30	27.69	113.35	74.5	65.5	0.0	4.3	19.640	1,961.70	6.7
111.00		0.1875	21.111	12.633	705.90	27.49	112.59	74.7	64.6	0.0	38.8	19.640	1,941.50	60.1
115.00		0.1875	20.484	12.254	644.40	26.59	109.25	75.7	60.8	0.0	169.4	19.640	1,853.10	267.2
119.13	Reinf Bottom	0.1875	19.837	11.864	584.70	25.67	105.80	76.7	56.9	0.0	169.5	19.640	1,764.00	275.9
119.30		0.1875	19.811	11.847	582.30	25.63	105.66	76.8	56.8	0.0	6.9	32.450	4,172.50	19.9
120.00		0.1875	19.701	11.781	572.60	25.47	105.07	76.9	56.1	0.0	28.1	32.450	4,143.60	81.8
121.00	Reinf. Top	0.1875	19.544	11.687	558.90	25.25	104.24	77.2	55.2	0.0	39.9	32.450	4,102.40	116.9
124.50	Reinf. Top	0.1875	18.996	11.356	512.70	24.47	101.31	78	52.1	0.0	137.2	12.810	2,308.50	175.4
125.00		0.1875	18.917	11.308	506.40	24.35	100.89	78.2	51.7	0.0	19.3			
127.00		0.1875	18.604	11.119	481.40	23.91	99.22	78.6	50.0	0.0	76.3			
130.00		0.1875	18.134	10.835	445.40	23.24	96.71	79.4	47.5	0.0	112.1			
135.00		0.1875	17.350	10.362	389.60	22.12	92.54	80.6	43.4	0.0	180.3			
140.00		0.1875	16.567	9.889	338.60	21.00	88.36	81.8	39.5	0.0	172.3			
145.00		0.1875	15.783	9.416	292.30	19.88	84.18	81.9	35.8	0.0	164.2			
149.00		0.1875	15.157	9.038	258.50	18.98	80.84	81.9	32.9	0.0	125.6			
150.00		0.1875	15.000	8.943	250.50	18.76	80.00	81.9	32.3	0.0	30.6			
Totals:											13,372.1			12,941.0

CALCULATED FORCES

Load Case: 1.2D + 1.0W

121.83 mph Wind with No Ice

26 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	-61.06	-33.92	0.00	-3,504.3	0.00	3,504.31	3,157.17	784.20	2,737.77	2,376.61	0	0	0.566
5.00	-58.80	-33.45	0.00	-3,334.7	0.00	3,334.71	3,114.35	767.59	2,623.11	2,294.24	0.13	-0.23	0.547
10.00	-56.58	-32.98	0.00	-3,167.4	0.00	3,167.45	3,070.50	750.99	2,510.89	2,212.51	0.5	-0.47	0.528
15.00	-54.21	-32.44	0.00	-3,002.6	0.00	3,002.57	3,025.61	734.39	2,401.13	2,131.46	1.11	-0.7	0.508
20.00	-51.88	-31.93	0.00	-2,840.4	0.00	2,840.39	2,979.68	717.78	2,293.82	2,051.14	1.97	-0.93	0.488
23.60	-50.24	-31.59	0.00	-2,725.5	0.00	2,725.46	2,945.97	705.83	2,218.08	1,993.78	2.73	-1.09	0.474
25.00	-49.55	-31.33	0.00	-2,681.2	0.00	2,681.24	2,932.71	701.18	2,188.97	1,971.59	3.06	-1.15	0.468
30.00	-47.30	-30.86	0.00	-2,524.6	0.00	2,524.59	2,875.21	684.57	2,086.57	1,886.65	4.39	-1.38	0.449
31.50	-46.59	-30.62	0.00	-2,478.3	0.00	2,478.30	2,854.29	679.59	2,056.33	1,859.14	4.83	-1.44	0.444
35.00	-44.57	-30.27	0.00	-2,371.1	0.00	2,371.13	2,805.48	667.97	1,986.62	1,795.73	5.95	-1.6	0.424
35.67	-44.15	-30.06	0.00	-2,351.0	0.00	2,350.96	2,248.07	566.94	1,717.07	1,468.70	6.17	-1.63	0.472
40.00	-42.31	-29.48	0.00	-2,220.7	0.00	2,220.70	2,218.59	554.95	1,645.23	1,418.49	7.74	-1.81	0.451
45.00	-40.21	-28.80	0.00	-2,073.3	0.00	2,073.32	2,183.60	541.11	1,564.24	1,360.97	9.75	-2.03	0.426
50.00	-38.13	-28.09	0.00	-1,929.3	0.00	1,929.34	2,147.58	527.27	1,485.29	1,303.95	11.99	-2.24	0.402
55.00	-36.09	-27.41	0.00	-1,788.9	0.00	1,788.90	2,110.52	513.44	1,408.39	1,247.47	14.45	-2.44	0.378
58.60	-34.52	-26.40	0.00	-1,690.2	0.00	1,690.24	2,083.19	503.48	1,354.29	1,207.17	16.34	-2.59	0.360

CALCULATED FORCES

60.00	-33.93	-26.05	0.00	-1,653.3	0.00	1,653.28	2,072.41	499.60	1,333.53	1,191.58	17.11	-2.64	0.354
65.00	-31.94	-25.32	0.00	-1,523.0	0.00	1,523.04	2,033.27	485.76	1,260.72	1,136.35	19.98	-2.84	0.330
68.70	-30.49	-24.82	0.00	-1,429.4	0.00	1,429.37	1,997.21	475.53	1,208.15	1,092.40	22.24	-2.97	0.314
68.70	-30.49	-24.82	0.00	-1,429.4	0.00	1,429.37	1,997.21	475.53	1,208.15	1,092.40	22.24	-2.97	0.617
70.00	-30.05	-24.56	0.00	-1,397.1	0.00	1,397.11	1,982.10	471.93	1,189.95	1,075.84	23.05	-3.02	0.609
73.50	-28.62	-24.11	0.00	-1,311.2	0.00	1,311.15	1,473.96	377.74	952.81	802.32	25.37	-3.28	0.678
75.00	-28.12	-23.78	0.00	-1,275.0	0.00	1,274.99	1,466.28	374.42	936.13	791.05	26.41	-3.38	0.664
80.00	-26.72	-23.06	0.00	-1,156.1	0.00	1,156.09	1,440.00	363.35	881.62	753.69	30.15	-3.75	0.617
85.00	-25.39	-22.49	0.00	-1,040.8	0.00	1,040.81	1,412.68	352.28	828.74	716.65	34.26	-4.1	0.569
90.00	-24.08	-21.91	0.00	-928.3	0.00	928.34	1,384.32	341.21	777.49	679.98	38.73	-4.44	0.521
95.00	-22.80	-21.32	0.00	-818.8	0.00	818.78	1,354.92	330.14	727.89	643.72	43.55	-4.76	0.472
100.00	-21.54	-20.71	0.00	-712.2	0.00	712.19	1,324.47	319.08	679.91	607.94	48.69	-5.06	0.422
105.00	-20.33	-20.20	0.00	-608.6	0.00	608.64	1,292.99	308.01	633.57	572.68	54.13	-5.33	0.372
107.00	-19.57	-19.60	0.00	-568.2	0.00	568.25	1,275.03	303.58	615.50	556.51	56.38	-5.44	0.353
107.10	-19.52	-19.43	0.00	-566.0	0.00	565.98	1,274.10	303.36	614.60	555.69	56.5	-5.45	0.351
109.50	-18.95	-19.17	0.00	-519.3	0.00	519.33	1,251.78	298.04	593.27	536.29	59.26	-5.57	0.329
110.00	-18.84	-19.12	0.00	-509.7	0.00	509.74	1,247.13	296.94	588.87	532.29	59.85	-5.59	0.324
110.00	-18.84	-19.12	0.00	-509.7	0.00	509.74	853.24	223.36	444.19	366.34	59.85	-5.59	0.390
110.10	-18.78	-18.78	0.00	-507.5	0.00	507.53	852.88	223.20	443.53	365.91	59.96	-5.6	0.388
111.00	-17.95	-18.07	0.00	-490.6	0.00	490.63	849.67	221.70	437.62	362.07	61.02	-5.64	0.376
115.00	-17.10	-17.44	0.00	-418.4	0.00	418.36	834.99	215.06	411.80	345.06	65.83	-5.84	0.327
119.13	-16.18	-16.91	0.00	-346.4	0.00	346.35	819.14	208.21	385.96	327.62	70.96	-6.02	0.277
119.30	-16.04	-16.42	0.00	-343.5	0.00	343.47	818.47	207.92	384.92	326.91	71.17	-6.03	0.140
120.00	-15.85	-16.29	0.00	-332.0	0.00	331.97	815.71	206.76	380.63	323.96	72.06	-6.04	0.136
121.00	-15.57	-16.02	0.00	-315.7	0.00	315.68	811.73	205.10	374.54	319.77	73.32	-6.06	0.130
121.00	-15.57	-16.02	0.00	-315.7	0.00	315.68	811.73	205.10	374.54	319.77	73.32	-6.06	0.203
124.50	-14.89	-15.56	0.00	-259.6	0.00	259.61	797.47	199.29	353.62	305.16	77.78	-6.12	0.169
124.50	-14.89	-15.56	0.00	-259.6	0.00	259.61	797.47	199.29	353.62	305.16	77.78	-6.12	0.875
125.00	-14.79	-15.45	0.00	-251.8	0.00	251.83	795.39	198.46	350.69	303.09	78.43	-6.13	0.856
127.00	-12.37	-14.03	0.00	-220.9	0.00	220.92	786.97	195.14	339.05	294.81	81.05	-6.4	0.770
130.00	-10.88	-11.31	0.00	-178.8	0.00	178.82	774.02	190.16	321.97	282.49	85.18	-6.75	0.651
135.00	-10.43	-11.03	0.00	-122.3	0.00	122.29	751.62	181.86	294.48	262.21	92.51	-7.24	0.484
140.00	-5.83	-6.41	0.00	-67.1	0.00	67.12	728.18	173.55	268.22	242.31	100.26	-7.58	0.286
145.00	-5.50	-6.13	0.00	-35.0	0.00	35.05	694.06	165.25	243.18	219.78	108.31	-7.8	0.169
149.00	-5.05	-5.69	0.00	-10.5	0.00	10.52	666.17	158.61	224.03	202.37	114.86	-7.88	0.061
150.00	0.00	-4.94	0.00	-4.8	0.00	4.83	659.19	156.95	219.37	198.13	116.51	-7.89	0.025

ASSET: 302489, Enfd - Enfield
CUSTOMER: VERIZON WIRELESS

CODE: ANSI/TIA-222-H
PROJECT: 14519765_C3_03

CALCULATED FORCES

Load Case: 0.9D + 1.0W

121.83 mph Wind with No Ice (Reduced DL)

26 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	-45.78	-33.89	0.00	-3,445.7	0.00	3,445.72	3,157.17	784.20	2,737.77	2,376.61	0	0	0.555
5.00	-44.06	-33.36	0.00	-3,276.3	0.00	3,276.29	3,114.35	767.59	2,623.11	2,294.24	0.12	-0.23	0.535
10.00	-42.36	-32.82	0.00	-3,109.5	0.00	3,109.51	3,070.50	750.99	2,510.89	2,212.51	0.49	-0.46	0.516
15.00	-40.55	-32.23	0.00	-2,945.4	0.00	2,945.39	3,025.61	734.39	2,401.13	2,131.46	1.09	-0.68	0.496
20.00	-38.79	-31.68	0.00	-2,784.2	0.00	2,784.23	2,979.68	717.78	2,293.82	2,051.14	1.93	-0.91	0.476
23.60	-37.54	-31.32	0.00	-2,670.2	0.00	2,670.18	2,945.97	705.83	2,218.08	1,993.78	2.68	-1.07	0.462
25.00	-37.01	-31.04	0.00	-2,626.3	0.00	2,626.33	2,932.71	701.18	2,188.97	1,971.59	3	-1.13	0.456
30.00	-35.31	-30.54	0.00	-2,471.2	0.00	2,471.15	2,875.21	684.57	2,086.57	1,886.65	4.31	-1.35	0.438
31.50	-34.77	-30.29	0.00	-2,425.3	0.00	2,425.33	2,854.29	679.59	2,056.33	1,859.14	4.74	-1.42	0.433
35.00	-33.24	-29.93	0.00	-2,319.3	0.00	2,319.33	2,805.48	667.97	1,986.62	1,795.73	5.84	-1.57	0.413
35.67	-32.91	-29.70	0.00	-2,299.4	0.00	2,299.37	2,248.07	566.94	1,717.07	1,468.70	6.06	-1.6	0.460
40.00	-31.51	-29.09	0.00	-2,170.7	0.00	2,170.66	2,218.59	554.95	1,645.23	1,418.49	7.59	-1.78	0.439
45.00	-29.92	-28.39	0.00	-2,025.2	0.00	2,025.21	2,183.60	541.11	1,564.24	1,360.97	9.57	-1.99	0.415
50.00	-28.35	-27.66	0.00	-1,883.3	0.00	1,883.26	2,147.58	527.27	1,485.29	1,303.95	11.76	-2.19	0.391
55.00	-26.81	-26.97	0.00	-1,744.9	0.00	1,744.94	2,110.52	513.44	1,408.39	1,247.47	14.17	-2.39	0.367
58.60	-25.63	-25.97	0.00	-1,647.8	0.00	1,647.84	2,083.19	503.48	1,354.29	1,207.17	16.02	-2.53	0.349
60.00	-25.18	-25.60	0.00	-1,611.5	0.00	1,611.49	2,072.41	499.60	1,333.53	1,191.58	16.78	-2.59	0.343
65.00	-23.68	-24.87	0.00	-1,483.5	0.00	1,483.48	2,033.27	485.76	1,260.72	1,136.35	19.59	-2.77	0.320
68.70	-22.59	-24.38	0.00	-1,391.5	0.00	1,391.47	1,997.21	475.53	1,208.15	1,092.40	21.79	-2.91	0.304
68.70	-22.59	-24.38	0.00	-1,391.5	0.00	1,391.47	1,997.21	475.53	1,208.15	1,092.40	21.79	-2.91	0.598
70.00	-22.25	-24.10	0.00	-1,359.8	0.00	1,359.77	1,982.10	471.93	1,189.95	1,075.84	22.59	-2.96	0.590
73.50	-21.17	-23.64	0.00	-1,275.4	0.00	1,275.42	1,473.96	377.74	952.81	802.32	24.85	-3.2	0.657
75.00	-20.78	-23.29	0.00	-1,240.0	0.00	1,239.96	1,466.28	374.42	936.13	791.05	25.88	-3.31	0.643
80.00	-19.71	-22.54	0.00	-1,123.5	0.00	1,123.50	1,440.00	363.35	881.62	753.69	29.53	-3.66	0.597
85.00	-18.70	-21.96	0.00	-1,010.8	0.00	1,010.79	1,412.68	352.28	828.74	716.65	33.55	-4	0.551
90.00	-17.70	-21.36	0.00	-901.0	0.00	901.00	1,384.32	341.21	777.49	679.98	37.92	-4.33	0.504
95.00	-16.73	-20.76	0.00	-794.2	0.00	794.19	1,354.92	330.14	727.89	643.72	42.62	-4.64	0.456
100.00	-15.78	-20.15	0.00	-690.4	0.00	690.40	1,324.47	319.08	679.91	607.94	47.63	-4.93	0.408
105.00	-14.87	-19.64	0.00	-589.7	0.00	589.67	1,292.99	308.01	633.57	572.68	52.94	-5.2	0.358
107.00	-14.31	-19.06	0.00	-550.4	0.00	550.39	1,275.03	303.58	615.50	556.51	55.14	-5.3	0.340
107.10	-14.27	-18.88	0.00	-548.2	0.00	548.18	1,274.10	303.36	614.60	555.69	55.25	-5.31	0.338
109.50	-13.84	-18.63	0.00	-502.8	0.00	502.83	1,251.78	298.04	593.27	536.29	57.94	-5.43	0.317
110.00	-13.76	-18.59	0.00	-493.5	0.00	493.52	1,247.13	296.94	588.87	532.29	58.51	-5.45	0.312
110.00	-13.76	-18.59	0.00	-493.5	0.00	493.52	853.24	223.36	444.19	366.34	58.51	-5.45	0.375
110.10	-13.72	-18.24	0.00	-491.4	0.00	491.36	852.88	223.20	443.53	365.91	58.63	-5.46	0.374
111.00	-13.10	-17.54	0.00	-474.9	0.00	474.94	849.67	221.70	437.62	362.07	59.66	-5.5	0.362
115.00	-12.47	-16.92	0.00	-404.8	0.00	404.77	834.99	215.06	411.80	345.06	64.35	-5.69	0.315
119.13	-11.78	-16.41	0.00	-334.9	0.00	334.90	819.14	208.21	385.96	327.62	69.35	-5.87	0.266
119.30	-11.69	-15.93	0.00	-332.1	0.00	332.11	818.47	207.92	384.92	326.91	69.55	-5.87	0.134
120.00	-11.54	-15.80	0.00	-321.0	0.00	320.96	815.71	206.76	380.63	323.96	70.42	-5.89	0.130
121.00	-11.34	-15.53	0.00	-305.2	0.00	305.17	811.73	205.10	374.54	319.77	71.65	-5.9	0.124
121.00	-11.34	-15.53	0.00	-305.2	0.00	305.17	811.73	205.10	374.54	319.77	71.65	-5.9	0.194
124.50	-10.84	-15.09	0.00	-250.8	0.00	250.80	797.47	199.29	353.62	305.16	76	-5.96	0.161
124.50	-10.84	-15.09	0.00	-250.8	0.00	250.80	797.47	199.29	353.62	305.16	76	-5.96	0.841
125.00	-10.76	-14.98	0.00	-243.2	0.00	243.25	795.39	198.46	350.69	303.09	76.62	-5.98	0.822
127.00	-8.96	-13.61	0.00	-213.3	0.00	213.30	786.97	195.14	339.05	294.81	79.18	-6.23	0.740
130.00	-7.89	-10.91	0.00	-172.5	0.00	172.48	774.02	190.16	321.97	282.49	83.2	-6.58	0.624
135.00	-7.55	-10.63	0.00	-117.9	0.00	117.93	751.62	181.86	294.48	262.21	90.33	-7.04	0.463
140.00	-4.21	-6.18	0.00	-64.8	0.00	64.80	728.18	173.55	268.22	242.31	97.88	-7.37	0.274
145.00	-3.97	-5.90	0.00	-33.9	0.00	33.92	694.06	165.25	243.18	219.78	105.7	-7.58	0.161
149.00	-3.64	-5.48	0.00	-10.3	0.00	10.31	666.17	158.61	224.03	202.37	112.07	-7.67	0.058
150.00	0.00	-4.94	0.00	-4.8	0.00	4.83	659.19	156.95	219.37	198.13	113.67	-7.67	0.025

ASSET: 302489, Enfd - Enfield
CUSTOMER: VERIZON WIRELESS

CODE: ANSI/TIA-222-H
PROJECT: 14519765_C3_03

CALCULATED FORCES

Load Case: 1.2D + 1.0Di + 1.0Wi			75.05 mph Wind with 1.402" Radial Ice										26 Iterations		
Gust Response Factor:		1.10	Ice Dead Load Factor			1.00		Ice Importance Factor							1.00
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	-95.66	-22.04	0.00	-2,392.0	0.00	2,391.97	3,157.17	784.20	2,737.77	2,376.61	0	0	0.395		
5.00	-92.97	-21.98	0.00	-2,281.8	0.00	2,281.79	3,114.35	767.59	2,623.11	2,294.24	0.09	-0.16	0.383		
10.00	-90.23	-21.89	0.00	-2,171.9	0.00	2,171.92	3,070.50	750.99	2,510.89	2,212.51	0.34	-0.32	0.370		
15.00	-86.97	-21.78	0.00	-2,062.5	0.00	2,062.47	3,025.61	734.39	2,401.13	2,131.46	0.76	-0.48	0.357		
20.00	-83.71	-21.59	0.00	-1,953.6	0.00	1,953.56	2,979.68	717.78	2,293.82	2,051.14	1.35	-0.63	0.343		
23.60	-81.37	-21.43	0.00	-1,875.8	0.00	1,875.85	2,945.97	705.83	2,218.08	1,993.78	1.87	-0.75	0.333		
25.00	-80.44	-21.37	0.00	-1,845.8	0.00	1,845.84	2,932.71	701.18	2,188.97	1,971.59	2.09	-0.79	0.330		
30.00	-77.20	-21.14	0.00	-1,739.0	0.00	1,738.98	2,875.21	684.57	2,086.57	1,886.65	3.01	-0.95	0.317		
31.50	-76.22	-21.04	0.00	-1,707.3	0.00	1,707.28	2,854.29	679.59	2,056.33	1,859.14	3.31	-0.99	0.313		
35.00	-73.49	-20.80	0.00	-1,633.6	0.00	1,633.63	2,805.48	667.97	1,986.62	1,795.73	4.08	-1.1	0.299		
35.67	-72.95	-20.74	0.00	-1,619.8	0.00	1,619.76	2,248.07	566.94	1,717.07	1,468.70	4.23	-1.12	0.333		
40.00	-70.24	-20.41	0.00	-1,529.9	0.00	1,529.89	2,218.59	554.95	1,645.23	1,418.49	5.31	-1.24	0.318		
45.00	-67.13	-19.99	0.00	-1,427.8	0.00	1,427.85	2,183.60	541.11	1,564.24	1,360.97	6.69	-1.39	0.301		
50.00	-64.13	-19.52	0.00	-1,327.9	0.00	1,327.92	2,147.58	527.27	1,485.29	1,303.95	8.23	-1.54	0.284		
55.00	-61.14	-19.03	0.00	-1,230.3	0.00	1,230.32	2,110.52	513.44	1,408.39	1,247.47	9.92	-1.68	0.267		
58.60	-58.72	-18.42	0.00	-1,161.8	0.00	1,161.82	2,083.19	503.48	1,354.29	1,207.17	11.22	-1.78	0.254		
60.00	-57.87	-18.23	0.00	-1,136.0	0.00	1,136.03	2,072.41	499.60	1,333.53	1,191.58	11.75	-1.82	0.249		
65.00	-54.93	-17.66	0.00	-1,044.9	0.00	1,044.89	2,033.27	485.76	1,260.72	1,136.35	13.73	-1.95	0.233		
68.70	-52.79	-17.24	0.00	-979.6	0.00	979.55	1,997.21	475.53	1,208.15	1,092.40	15.28	-2.04	0.221		
68.70	-52.79	-17.24	0.00	-979.6	0.00	979.55	1,997.21	475.53	1,208.15	1,092.40	15.28	-2.04	0.431		
70.00	-52.12	-17.09	0.00	-957.1	0.00	957.14	1,982.10	471.93	1,189.95	1,075.84	15.84	-2.08	0.426		
73.50	-50.06	-16.72	0.00	-897.3	0.00	897.32	1,473.96	377.74	952.81	802.32	17.43	-2.25	0.474		
75.00	-49.31	-16.55	0.00	-872.2	0.00	872.24	1,466.28	374.42	936.13	791.05	18.14	-2.32	0.464		
80.00	-47.14	-16.15	0.00	-789.5	0.00	789.50	1,440.00	363.35	881.62	753.69	20.71	-2.57	0.431		
85.00	-45.12	-15.79	0.00	-708.8	0.00	708.78	1,412.68	352.28	828.74	716.65	23.54	-2.81	0.397		
90.00	-43.12	-15.39	0.00	-629.8	0.00	629.82	1,384.32	341.21	777.49	679.98	26.61	-3.04	0.362		
95.00	-41.15	-14.96	0.00	-552.9	0.00	552.86	1,354.92	330.14	727.89	643.72	29.91	-3.26	0.327		
100.00	-39.20	-14.48	0.00	-478.1	0.00	478.08	1,324.47	319.08	679.91	607.94	33.43	-3.46	0.292		
105.00	-37.28	-14.00	0.00	-405.7	0.00	405.69	1,292.99	308.01	633.57	572.68	37.15	-3.65	0.256		
107.00	-35.81	-13.53	0.00	-377.7	0.00	377.69	1,275.03	303.58	615.50	556.51	38.7	-3.72	0.242		
107.10	-35.65	-13.45	0.00	-376.2	0.00	376.19	1,274.10	303.36	614.60	555.69	38.77	-3.72	0.241		
109.50	-34.74	-13.19	0.00	-343.9	0.00	343.89	1,251.78	298.04	593.27	536.29	40.67	-3.8	0.225		
110.00	-34.56	-13.14	0.00	-337.3	0.00	337.29	1,247.13	296.94	588.87	532.29	41.06	-3.82	0.222		
110.00	-34.56	-13.14	0.00	-337.3	0.00	337.29	853.24	223.36	444.19	366.34	41.06	-3.82	0.267		
110.10	-34.32	-12.96	0.00	-335.8	0.00	335.84	852.88	223.20	443.53	365.91	41.14	-3.82	0.266		
111.00	-33.15	-12.53	0.00	-324.2	0.00	324.17	849.67	221.70	437.62	362.07	41.87	-3.85	0.257		
115.00	-31.76	-12.02	0.00	-274.0	0.00	274.03	834.99	215.06	411.80	345.06	45.15	-3.98	0.223		
119.13	-30.19	-11.39	0.00	-224.4	0.00	224.37	819.14	208.21	385.96	327.62	48.65	-4.1	0.187		
119.30	-29.78	-11.09	0.00	-222.4	0.00	222.44	818.47	207.92	384.92	326.91	48.79	-4.1	0.096		
120.00	-29.47	-10.95	0.00	-214.7	0.00	214.68	815.71	206.76	380.63	323.96	49.4	-4.11	0.093		
121.00	-29.04	-10.72	0.00	-203.7	0.00	203.73	811.73	205.10	374.54	319.77	50.26	-4.12	0.089		
121.00	-29.04	-10.72	0.00	-203.7	0.00	203.73	811.73	205.10	374.54	319.77	50.26	-4.12	0.141		
124.50	-27.79	-10.13	0.00	-166.2	0.00	166.21	797.47	199.29	353.62	305.16	53.3	-4.16	0.118		
124.50	-27.79	-10.13	0.00	-166.2	0.00	166.21	797.47	199.29	353.62	305.16	53.3	-4.16	0.582		
125.00	-27.63	-10.06	0.00	-161.1	0.00	161.14	795.39	198.46	350.69	303.09	53.73	-4.17	0.569		
127.00	-24.28	-8.98	0.00	-141.0	0.00	141.03	786.97	195.14	339.05	294.81	55.52	-4.34	0.511		
130.00	-20.44	-7.27	0.00	-114.1	0.00	114.10	774.02	190.16	321.97	282.49	58.32	-4.57	0.432		
135.00	-19.76	-7.05	0.00	-77.7	0.00	77.73	751.62	181.86	294.48	262.21	63.27	-4.87	0.324		
140.00	-11.28	-4.10	0.00	-42.5	0.00	42.46	728.18	173.55	268.22	242.31	68.5	-5.09	0.191		
145.00	-10.76	-3.92	0.00	-22.0	0.00	21.99	694.06	165.25	243.18	219.78	73.9	-5.23	0.116		
149.00	-9.90	-3.64	0.00	-6.3	0.00	6.30	666.17	158.61	224.03	202.37	78.31	-5.28	0.047		
150.00	0.00	-2.72	0.00	-2.7	0.00	2.66	659.19	156.95	219.37	198.13	79.41	-5.29	0.014		

ASSET: 302489, Enfd - Enfield
CUSTOMER: VERIZON WIRELESS

CODE: ANSI/TIA-222-H
PROJECT: 14519765_C3_03

CALCULATED FORCES

Load Case: 1.0D + 1.0W

60 mph Wind with No Ice

24 Iterations

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

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (ft-kips)	Mu MZ (ft-kips)	Mu MX (ft-kips)	Resultant Moment (ft-kips)	Phi Pn (kips)	Phi Vn (kips)	Phi Tn (ft-kips)	Phi Mn (ft-kips)	Total Deflect (in)	Rotation (deg)	Ratio
0.00	-50.94	-7.36	0.00	-753.7	0.00	753.66	3,157.17	784.20	2,737.77	2,376.61	0	0	0.128
5.00	-49.17	-7.25	0.00	-716.9	0.00	716.87	3,114.35	767.59	2,623.11	2,294.24	0.03	-0.05	0.123
10.00	-47.41	-7.14	0.00	-680.6	0.00	680.62	3,070.50	750.99	2,510.89	2,212.51	0.11	-0.1	0.119
15.00	-45.53	-7.01	0.00	-644.9	0.00	644.94	3,025.61	734.39	2,401.13	2,131.46	0.24	-0.15	0.115
20.00	-43.67	-6.90	0.00	-609.9	0.00	609.87	2,979.68	717.78	2,293.82	2,051.14	0.42	-0.2	0.110
23.60	-42.35	-6.82	0.00	-585.0	0.00	585.04	2,945.97	705.83	2,218.08	1,993.78	0.59	-0.23	0.107
25.00	-41.83	-6.76	0.00	-575.5	0.00	575.49	2,932.71	701.18	2,188.97	1,971.59	0.66	-0.25	0.105
30.00	-40.00	-6.66	0.00	-541.7	0.00	541.69	2,875.21	684.57	2,086.57	1,886.65	0.94	-0.3	0.101
31.50	-39.46	-6.60	0.00	-531.7	0.00	531.70	2,854.29	679.59	2,056.33	1,859.14	1.04	-0.31	0.100
35.00	-37.80	-6.52	0.00	-508.6	0.00	508.60	2,805.48	667.97	1,986.62	1,795.73	1.28	-0.34	0.096
35.67	-37.49	-6.48	0.00	-504.2	0.00	504.25	2,248.07	566.94	1,717.07	1,468.70	1.33	-0.35	0.106
40.00	-36.01	-6.35	0.00	-476.2	0.00	476.18	2,218.59	554.95	1,645.23	1,418.49	1.66	-0.39	0.102
45.00	-34.33	-6.20	0.00	-444.4	0.00	444.44	2,183.60	541.11	1,564.24	1,360.97	2.1	-0.44	0.096
50.00	-32.66	-6.04	0.00	-413.4	0.00	413.45	2,147.58	527.27	1,485.29	1,303.95	2.58	-0.48	0.091
55.00	-31.00	-5.89	0.00	-383.2	0.00	383.25	2,110.52	513.44	1,408.39	1,247.47	3.1	-0.52	0.085
58.60	-29.69	-5.67	0.00	-362.0	0.00	362.03	2,083.19	503.48	1,354.29	1,207.17	3.51	-0.56	0.081
60.00	-29.23	-5.60	0.00	-354.1	0.00	354.09	2,072.41	499.60	1,333.53	1,191.58	3.68	-0.57	0.080
65.00	-27.60	-5.44	0.00	-326.1	0.00	326.10	2,033.27	485.76	1,260.72	1,136.35	4.29	-0.61	0.074
68.70	-26.40	-5.33	0.00	-306.0	0.00	305.98	1,997.21	475.53	1,208.15	1,092.40	4.78	-0.64	0.071
68.70	-26.40	-5.33	0.00	-306.0	0.00	305.98	1,997.21	475.53	1,208.15	1,092.40	4.78	-0.64	0.137
70.00	-26.07	-5.27	0.00	-299.0	0.00	299.05	1,982.10	471.93	1,189.95	1,075.84	4.95	-0.65	0.136
73.50	-24.92	-5.18	0.00	-280.6	0.00	280.59	1,473.96	377.74	952.81	802.32	5.45	-0.7	0.151
75.00	-24.56	-5.10	0.00	-272.8	0.00	272.82	1,466.28	374.42	936.13	791.05	5.67	-0.73	0.148
80.00	-23.46	-4.94	0.00	-247.3	0.00	247.31	1,440.00	363.35	881.62	753.69	6.47	-0.8	0.138
85.00	-22.42	-4.82	0.00	-222.6	0.00	222.60	1,412.68	352.28	828.74	716.65	7.36	-0.88	0.127
90.00	-21.39	-4.69	0.00	-198.5	0.00	198.50	1,384.32	341.21	777.49	679.98	8.32	-0.95	0.117
95.00	-20.37	-4.56	0.00	-175.0	0.00	175.04	1,354.92	330.14	727.89	643.72	9.35	-1.02	0.106
100.00	-19.36	-4.43	0.00	-152.2	0.00	152.23	1,324.47	319.08	679.91	607.94	10.45	-1.08	0.095
105.00	-18.37	-4.32	0.00	-130.1	0.00	130.07	1,292.99	308.01	633.57	572.68	11.62	-1.14	0.084
107.00	-17.71	-4.19	0.00	-121.4	0.00	121.43	1,275.03	303.58	615.50	556.51	12.1	-1.17	0.080
107.10	-17.67	-4.16	0.00	-120.9	0.00	120.94	1,274.10	303.36	614.60	555.69	12.13	-1.17	0.079
109.50	-17.19	-4.10	0.00	-111.0	0.00	110.96	1,251.78	298.04	593.27	536.29	12.72	-1.19	0.074
110.00	-17.10	-4.09	0.00	-108.9	0.00	108.91	1,247.13	296.94	588.87	532.29	12.85	-1.2	0.073
110.00	-17.10	-4.09	0.00	-108.9	0.00	108.91	853.24	223.36	444.19	366.34	12.85	-1.2	0.088
110.10	-17.03	-4.02	0.00	-108.4	0.00	108.43	852.88	223.20	443.53	365.91	12.87	-1.2	0.088
111.00	-16.31	-3.86	0.00	-104.8	0.00	104.82	849.67	221.70	437.62	362.07	13.1	-1.21	0.085
115.00	-15.60	-3.73	0.00	-89.4	0.00	89.36	834.99	215.06	411.80	345.06	14.13	-1.25	0.074
119.13	-14.81	-3.62	0.00	-74.0	0.00	73.97	819.14	208.21	385.96	327.62	15.23	-1.29	0.063
119.30	-14.66	-3.51	0.00	-73.4	0.00	73.35	818.47	207.92	384.92	326.91	15.28	-1.29	0.033
120.00	-14.49	-3.48	0.00	-70.9	0.00	70.90	815.71	206.76	380.63	323.96	15.46	-1.29	0.032
121.00	-14.25	-3.42	0.00	-67.4	0.00	67.42	811.73	205.10	374.54	319.77	15.74	-1.3	0.030
121.00	-14.25	-3.42	0.00	-67.4	0.00	67.42	811.73	205.10	374.54	319.77	15.74	-1.3	0.049
124.50	-13.65	-3.33	0.00	-55.4	0.00	55.43	797.47	199.29	353.62	305.16	16.69	-1.31	0.041
124.50	-13.65	-3.33	0.00	-55.4	0.00	55.43	797.47	199.29	353.62	305.16	16.69	-1.31	0.199
125.00	-13.59	-3.30	0.00	-53.8	0.00	53.77	795.39	198.46	350.69	303.09	16.83	-1.31	0.195
127.00	-11.51	-3.00	0.00	-47.2	0.00	47.17	786.97	195.14	339.05	294.81	17.39	-1.37	0.175
130.00	-10.09	-2.41	0.00	-38.2	0.00	38.16	774.02	190.16	321.97	282.49	18.28	-1.45	0.148
135.00	-9.75	-2.35	0.00	-26.1	0.00	26.10	751.62	181.86	294.48	262.21	19.85	-1.55	0.113
140.00	-5.49	-1.37	0.00	-14.3	0.00	14.34	728.18	173.55	268.22	242.31	21.52	-1.62	0.067
145.00	-5.21	-1.31	0.00	-7.5	0.00	7.50	694.06	165.25	243.18	219.78	23.24	-1.67	0.042
149.00	-4.78	-1.21	0.00	-2.3	0.00	2.26	666.17	158.61	224.03	202.37	24.65	-1.69	0.018
150.00	0.00	-1.07	0.00	-1.0	0.00	1.05	659.19	156.95	219.37	198.13	25	-1.69	0.005

EQUIVALENT LATERAL FORCES METHOD ANALYSIS

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

Spectral Response Acceleration for Short Period (S_S):	0.174
Spectral Response Acceleration at 1.0 Second Period (S_1):	0.055
Long-Period Transition Period (T_L - Seconds):	6
Importance Factor (I_e):	1.000
Site Coefficient F_a :	1.600
Site Coefficient F_v :	2.400
Response Modification Coefficient (R):	1.500
Design Spectral Response Acceleration at Short Period (S_{ds}):	0.186
Design Spectral Response Acceleration at 1.0 Second Period (S_{d1}):	0.088
Seismic Response Coefficient (C_s):	0.030
Upper Limit C_s :	0.030
Lower Limit C_s :	0.030
Period based on Rayleigh Method (sec):	2.890
Redundancy Factor (p):	1.000
Seismic Force Distribution Exponent (k):	2.000
Total Unfactored Dead Load:	50.940 k
Seismic Base Shear (E):	1.530 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)
47	149.5	56	1,245	0.003	4	69
46	147	226	4,883	0.011	17	280
45	142.5	290	5,882	0.014	21	358
44	137.5	334	6,308	0.015	22	413
43	132.5	342	5,999	0.014	21	423
42	128.5	285	4,709	0.011	17	353
41	126	204	3,244	0.008	12	253
40	124.75	61	944	0.002	3	75
39	122.75	602	9,072	0.021	32	745
38	120.5	240	3,478	0.008	12	296
37	119.65	168	2,403	0.006	9	208
36	119.215	41	580	0.001	2	50
35	117.065	787	10,786	0.025	38	974
34	113	711	9,076	0.021	32	879
33	110.55	156	1,911	0.004	7	193
32	110.05	17	211	0.000	1	22
31	109.75	94	1,134	0.003	4	116
30	108.3	454	5,325	0.012	19	562
29	107.05	19	217	0.000	1	23
28	106	395	4,439	0.010	16	489
27	102.5	995	10,455	0.024	37	1,231
26	97.5	1,006	9,562	0.022	34	1,244
25	92.5	1,017	8,698	0.020	31	1,258
24	87.5	1,027	7,865	0.018	28	1,271
23	82.5	1,038	7,065	0.016	25	1,284
22	77.5	1,092	6,556	0.015	23	1,350
21	74.25	355	1,954	0.004	7	439
20	71.75	1,148	5,910	0.014	21	1,420
19	69.35	332	1,596	0.004	6	411
18	66.85	1,197	5,348	0.012	19	1,480
17	62.5	1,629	6,362	0.015	23	2,015
16	59.3	458	1,612	0.004	6	567
15	56.8	1,184	3,819	0.009	14	1,465
14	52.5	1,656	4,564	0.011	16	2,048
13	47.5	1,669	3,766	0.009	13	2,065
12	42.5	1,683	3,039	0.007	11	2,082
11	37.8334	1,469	2,103	0.005	7	1,817
10	35.3334	313	391	0.001	1	387

SEISMIC FORCES

1.2D + 1.0Ev + 1.0Eh	Seismic	Height Above Base	Weight	W _z	C _{vx}	Horizontal Force	Vertical Force
Segment		(ft)	(lb)	(lb-ft)		(lb)	(lb)
9		33.25	1,652	1,827	0.004	6	2,044
8		30.75	544	514	0.001	2	673
7		27.5	1,823	1,379	0.003	5	2,255
6		24.3	513	303	0.001	1	635
5		21.8	1,326	630	0.002	2	1,640
4		17.5	1,855	568	0.001	2	2,295
3		12.5	1,871	292	0.001	1	2,315
2		7.5	1,749	98	0.000	0	2,164
1		2.5	1,765	11	0.000	0	2,184
Decibel DB809KE-SY		150	26	585	0.001	2	32
Ericsson Air 6449 B77D		150	245	5,508	0.013	20	303
Raycap DC6-48-60-18-8F ("Squid")		150	38	850	0.002	3	47
Ericsson RRUS 8843 B2, B66A		150	216	4,860	0.011	17	267
Ericsson RRUS 4449 B5, B12		150	213	4,792	0.011	17	264
Ericsson RRUS 4478 B14		150	178	4,010	0.009	14	220
Ericsson RRUS 32 B30		150	180	4,050	0.009	14	223
Raycap DC9-48-60-24-8C-EV (16lbs)		150	16	360	0.001	1	20
CCI DMP65R-BU8D		150	287	6,460	0.015	23	355
CCI TPA65R-BU8D (87.5 lbs)		150	262	5,906	0.014	21	325
Mount Reinforcement		150	600	13,500	0.031	48	742
Generic Round Platform with Handrails		150	2,500	56,250	0.131	200	3,093
Ericsson AIR 6419 B77G		149	198	4,402	0.010	16	245
Commscope SDX1926Q-43		140	19	365	0.001	1	23
Ericsson Radio 4449 B71 B85A		140	225	4,410	0.010	16	278
Ericsson RRUS 4415 B66		140	138	2,705	0.006	10	171
Ericsson 4424 B25		140	258	5,057	0.012	18	319
Ericsson Air6449 B41		140	312	6,115	0.014	22	386
RFS APX16DWV-16DWVS-E-A20		140	122	2,393	0.006	9	151
RFS APXVAALL24 43-U-NA20		140	368	7,221	0.017	26	456
Round Platform w/ Flat Handrails		140	2,500	49,000	0.114	174	3,093
Kaelus KA-6030		130	35	595	0.001	2	44
Samsung RT4401-48A		130	56	943	0.002	3	69
Samsung B5/B13 RRH-BR04C		130	211	3,564	0.008	13	261
Samsung B2/B66A RRH-BR049		130	253	4,279	0.010	15	313
Raycap RCMDC-6627-PF-48		130	32	541	0.001	2	40
Samsung MT6407-77A		130	245	4,137	0.010	15	303
Amphenol Antel BXA-80080-6CF-EDIN-X		130	54	913	0.002	3	67
Commscope NHH-65B-R2B		130	262	4,431	0.010	16	324
Generic Round Low Profile Platform		127	1,875	30,242	0.070	108	2,320
Generic 76" x 6" Panel		119.3	120	1,708	0.004	6	148
Generic Round Side Arm		111	562	6,931	0.016	25	696
DragonWave A-ANT-11G-2-C		110.1	54	655	0.002	2	67
DragonWave Horizon Compact		109.5	21	254	0.001	1	26
Generic 24" x 24" Junction Box		107.1	20	229	0.000	1	25
Alcatel-Lucent 1900MHz RRH (65MHz) w/ solar shield		107	180	2,061	0.005	7	223
Argus LLPX310R		107	86	982	0.002	3	106
Channel Master Type 120		58.6	126	433	0.001	2	156
Generic Blank Exhibit		40	0	0	0.000	0	0
Totals:			50,941	429,831	1.000	1,528	63,020

SEISMIC FORCES

0.9D - 1.0Ev + 1.0Eh	Seismic (Reduced DL)	Height Above Base	Weight	W _z	C _{vx}	Horizontal Force	Vertical Force
Segment		(ft)	(lb)	(lb-ft)		(lb)	(lb)
47		149.5	56	1,245	0.003	4	48
46		147	226	4,883	0.011	17	195
45		142.5	290	5,882	0.014	21	250
44		137.5	334	6,308	0.015	22	288
43		132.5	342	5,999	0.014	21	295
42		128.5	285	4,709	0.011	17	246
41		126	204	3,244	0.008	12	176

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)
40	124.75	61	944	0.002	3	52
39	122.75	602	9,072	0.021	32	520
38	120.5	240	3,478	0.008	12	207
37	119.65	168	2,403	0.006	9	145
36	119.215	41	580	0.001	2	35
35	117.065	787	10,786	0.025	38	679
34	113	711	9,076	0.021	32	613
33	110.55	156	1,911	0.004	7	135
32	110.05	17	211	0.000	1	15
31	109.75	94	1,134	0.003	4	81
30	108.3	454	5,325	0.012	19	392
29	107.05	19	217	0.000	1	16
28	106	395	4,439	0.010	16	341
27	102.5	995	10,455	0.024	37	859
26	97.5	1,006	9,562	0.022	34	868
25	92.5	1,017	8,698	0.020	31	877
24	87.5	1,027	7,865	0.018	28	886
23	82.5	1,038	7,065	0.016	25	896
22	77.5	1,092	6,556	0.015	23	942
21	74.25	355	1,954	0.004	7	306
20	71.75	1,148	5,910	0.014	21	991
19	69.35	332	1,596	0.004	6	286
18	66.85	1,197	5,348	0.012	19	1,033
17	62.5	1,629	6,362	0.015	23	1,405
16	59.3	458	1,612	0.004	6	396
15	56.8	1,184	3,819	0.009	14	1,021
14	52.5	1,656	4,564	0.011	16	1,429
13	47.5	1,669	3,766	0.009	13	1,440
12	42.5	1,683	3,039	0.007	11	1,452
11	37.8334	1,469	2,103	0.005	7	1,268
10	35.3334	313	391	0.001	1	270
9	33.25	1,652	1,827	0.004	6	1,426
8	30.75	544	514	0.001	2	469
7	27.5	1,823	1,379	0.003	5	1,573
6	24.3	513	303	0.001	1	443
5	21.8	1,326	630	0.002	2	1,144
4	17.5	1,855	568	0.001	2	1,601
3	12.5	1,871	292	0.001	1	1,615
2	7.5	1,749	98	0.000	0	1,509
1	2.5	1,765	11	0.000	0	1,523
Decibel DB809KE-SY	150	26	585	0.001	2	22
Ericsson Air 6449 B77D	150	245	5,508	0.013	20	211
Raycap DC6-48-60-18-8F ("Squid")	150	38	850	0.002	3	33
Ericsson RRUS 8843 B2, B66A	150	216	4,860	0.011	17	186
Ericsson RRUS 4449 B5, B12	150	213	4,792	0.011	17	184
Ericsson RRUS 4478 B14	150	178	4,010	0.009	14	154
Ericsson RRUS 32 B30	150	180	4,050	0.009	14	155
Raycap DC9-48-60-24-8C-EV (16lbs)	150	16	360	0.001	1	14
CCI DMP65R-BU8D	150	287	6,460	0.015	23	248
CCI TPA65R-BU8D (87.5 lbs)	150	262	5,906	0.014	21	227
Mount Reinforcement	150	600	13,500	0.031	48	518
Generic Round Platform with Handrails	150	2,500	56,250	0.131	200	2,157
Ericsson AIR 6419 B77G	149	198	4,402	0.010	16	171
Commscope SDX1926Q-43	140	19	365	0.001	1	16
Ericsson Radio 4449 B71 B85A	140	225	4,410	0.010	16	194
Ericsson RRUS 4415 B66	140	138	2,705	0.006	10	119
Ericsson 4424 B25	140	258	5,057	0.012	18	223
Ericsson Air6449 B41	140	312	6,115	0.014	22	269
RFS APX16DWV-16DWVS-E-A20	140	122	2,393	0.006	9	105
RFS APXVAALL24 43-U-NA20	140	368	7,221	0.017	26	318
Round Platform w/ Flat Handrails	140	2,500	49,000	0.114	174	2,157

ASSET: 302489, Enfd - Enfield
CUSTOMER: VERIZON WIRELESS

CODE: ANSI/TIA-222-H
PROJECT: 14519765_C3_03

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)
Kaelus KA-6030	130	35	595	0.001	2	30
Samsung RT4401-48A	130	56	943	0.002	3	48
Samsung B5/B13 RRH-BR04C	130	211	3,564	0.008	13	182
Samsung B2/B66A RRH-BR049	130	253	4,279	0.010	15	218
Raycap RCMDC-6627-PF-48	130	32	541	0.001	2	28
Samsung MT6407-77A	130	245	4,137	0.010	15	211
Amphenol Antel BXA-80080-6CF-EDIN-X	130	54	913	0.002	3	47
Commscope NHH-65B-R2B	130	262	4,431	0.010	16	226
Generic Round Low Profile Platform	127	1,875	30,242	0.070	108	1,618
Generic 76" x 6" Panel	119.3	120	1,708	0.004	6	104
Generic Round Side Arm	111	562	6,931	0.016	25	485
DragonWave A-ANT-11G-2-C	110.1	54	655	0.002	2	47
DragonWave Horizon Compact	109.5	21	254	0.001	1	18
Generic 24" x 24" Junction Box	107.1	20	229	0.000	1	17
Alcatel-Lucent 1900MHz RRH (65MHz) w/ solar shield	107	180	2,061	0.005	7	155
Argus LLPX310R	107	86	982	0.002	3	74
Channel Master Type 120	58.6	126	433	0.001	2	109
Generic Blank Exhibit	40	0	0	0.000	0	0
Totals:		50,941	429,831	1.000	1,528	43,956

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	-60.84	-1.53	0.00	-199.19	0.00	199.19	3,157.17	784.20	2,738	2,376.61	0.00	0.00	0.04
5.00	-58.67	-1.55	0.00	-191.52	0.00	191.52	3,114.35	767.59	2,623	2,294.24	0.01	-0.01	0.04
10.00	-56.36	-1.56	0.00	-183.78	0.00	183.78	3,070.50	750.99	2,511	2,212.51	0.03	-0.03	0.04
15.00	-54.06	-1.57	0.00	-175.98	0.00	175.98	3,025.61	734.39	2,401	2,131.46	0.06	-0.04	0.04
20.00	-52.42	-1.58	0.00	-168.14	0.00	168.14	2,979.68	717.78	2,294	2,051.14	0.11	-0.05	0.04
23.60	-51.78	-1.58	0.00	-162.47	0.00	162.47	2,945.97	705.83	2,218	1,993.78	0.16	-0.06	0.04
23.60	-51.78	-1.58	0.00	-162.47	0.00	162.47	2,945.97	705.83	2,218	1,993.78	0.16	-0.06	0.04
25.00	-49.53	-1.58	0.00	-160.26	0.00	160.26	2,932.71	701.18	2,189	1,971.59	0.18	-0.07	0.04
30.00	-48.86	-1.58	0.00	-152.36	0.00	152.36	2,875.21	684.57	2,087	1,886.65	0.25	-0.08	0.04
31.50	-46.81	-1.58	0.00	-149.99	0.00	149.99	2,854.29	679.59	2,056	1,859.14	0.28	-0.08	0.03
35.00	-46.42	-1.58	0.00	-144.46	0.00	144.46	2,805.48	667.97	1,987	1,795.73	0.35	-0.09	0.03
35.67	-44.61	-1.58	0.00	-143.40	0.00	143.40	2,248.07	566.94	1,717	1,468.70	0.36	-0.10	0.04
40.00	-42.53	-1.57	0.00	-136.57	0.00	136.57	2,218.59	554.95	1,645	1,418.49	0.45	-0.11	0.04
45.00	-40.46	-1.56	0.00	-128.71	0.00	128.71	2,183.60	541.11	1,564	1,360.97	0.57	-0.12	0.03
50.00	-38.41	-1.55	0.00	-120.89	0.00	120.89	2,147.58	527.27	1,485	1,303.95	0.70	-0.13	0.03
55.00	-36.95	-1.54	0.00	-113.13	0.00	113.13	2,110.52	513.44	1,408	1,247.47	0.85	-0.15	0.03
58.60	-36.22	-1.54	0.00	-107.58	0.00	107.58	2,083.19	503.48	1,354	1,207.17	0.97	-0.16	0.03
60.00	-34.21	-1.51	0.00	-105.43	0.00	105.43	2,072.41	499.60	1,334	1,191.58	1.01	-0.16	0.03
65.00	-32.73	-1.50	0.00	-97.86	0.00	97.86	2,033.27	485.76	1,261	1,136.35	1.18	-0.17	0.03
68.70	-32.32	-1.49	0.00	-92.32	0.00	92.32	1,997.21	475.53	1,208	1,092.40	1.32	-0.18	0.03
68.70	-32.32	-1.49	0.00	-92.32	0.00	92.32	1,997.21	475.53	1,208	1,092.40	1.32	-0.18	0.05
70.00	-30.90	-1.47	0.00	-90.38	0.00	90.38	1,982.10	471.93	1,190	1,075.84	1.37	-0.18	0.05
73.50	-30.46	-1.47	0.00	-85.23	0.00	85.23	1,473.96	377.74	953	802.32	1.51	-0.20	0.05
75.00	-29.11	-1.45	0.00	-83.03	0.00	83.03	1,466.28	374.42	936	791.05	1.58	-0.21	0.05
80.00	-27.82	-1.43	0.00	-75.78	0.00	75.78	1,440.00	363.35	882	753.69	1.81	-0.23	0.05
85.00	-26.55	-1.41	0.00	-68.62	0.00	68.62	1,412.68	352.28	829	716.65	2.06	-0.25	0.05
90.00	-25.29	-1.38	0.00	-61.58	0.00	61.58	1,384.32	341.21	777	679.98	2.34	-0.28	0.04
95.00	-24.05	-1.35	0.00	-54.67	0.00	54.67	1,354.92	330.14	728	643.72	2.64	-0.30	0.04
100.00	-22.82	-1.31	0.00	-47.92	0.00	47.92	1,324.47	319.08	680	607.94	2.96	-0.32	0.04
105.00	-22.33	-1.30	0.00	-41.35	0.00	41.35	1,292.99	308.01	634	572.68	3.30	-0.34	0.03
107.00	-21.98	-1.29	0.00	-38.75	0.00	38.75	1,275.03	303.58	616	556.51	3.45	-0.34	0.03
107.10	-21.39	-1.27	0.00	-38.62	0.00	38.62	1,274.10	303.36	615	555.69	3.45	-0.34	0.03
109.50	-21.25	-1.26	0.00	-35.58	0.00	35.58	1,251.78	298.04	593	536.29	3.63	-0.35	0.03
110.00	-21.22	-1.26	0.00	-34.95	0.00	34.95	1,247.13	296.94	589	532.29	3.67	-0.35	0.03
110.00	-21.22	-1.26	0.00	-34.95	0.00	34.95	853.24	223.36	444	366.34	3.67	-0.35	0.04

ASSET: 302489, Enfd - Enfield
CUSTOMER: VERIZON WIRELESS

CODE: ANSI/TIA-222-H
PROJECT: 14519765_C3_03

CALCULATED FORCES

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (ft-kips)	Mu MZ (fr-kips)	Mu Mx (ft-kips)	Resultant Moment (ft-kips)	Phi Pn (kips)	Phi Vn (kips)	Phi Tn (kips)	Phi Mn (kips)	Total Deflect (in)	Rotation (deg)	Ratio
110.10	-20.96	-1.25	0.00	-34.83	0.00	34.83	852.88	223.20	444	365.91	3.67	-0.35	0.04
111.00	-19.39	-1.19	0.00	-33.70	0.00	33.70	849.67	221.70	438	362.07	3.74	-0.36	0.03
115.00	-18.42	-1.15	0.00	-28.95	0.00	28.95	834.99	215.06	412	345.06	4.05	-0.37	0.03
119.13	-18.37	-1.15	0.00	-24.21	0.00	24.21	819.14	208.21	386	327.62	4.37	-0.38	0.03
119.30	-18.01	-1.13	0.00	-24.01	0.00	24.01	818.47	207.92	385	326.91	4.39	-0.38	0.02
120.00	-17.71	-1.12	0.00	-23.22	0.00	23.22	815.71	206.76	381	323.96	4.44	-0.39	0.02
121.00	-16.97	-1.08	0.00	-22.10	0.00	22.10	811.73	205.10	375	319.77	4.52	-0.39	0.01
121.00	-16.97	-1.08	0.00	-22.10	0.00	22.10	811.73	205.10	375	319.77	4.52	-0.39	0.02
124.50	-16.89	-1.08	0.00	-18.32	0.00	18.32	797.47	199.29	354	305.16	4.81	-0.39	0.02
124.50	-16.89	-1.08	0.00	-18.32	0.00	18.32	797.47	199.29	354	305.16	4.81	-0.39	0.08
125.00	-16.64	-1.07	0.00	-17.78	0.00	17.78	795.39	198.46	351	303.09	4.85	-0.39	0.08
127.00	-13.97	-0.93	0.00	-15.65	0.00	15.65	786.97	195.14	339	294.81	5.02	-0.41	0.07
130.00	-12.13	-0.83	0.00	-12.86	0.00	12.86	774.02	190.16	322	282.49	5.28	-0.44	0.06
135.00	-11.71	-0.81	0.00	-8.70	0.00	8.70	751.62	181.86	294	262.21	5.76	-0.47	0.05
140.00	-6.48	-0.48	0.00	-4.63	0.00	4.63	728.18	173.55	268	242.31	6.27	-0.49	0.03
145.00	-6.20	-0.46	0.00	-2.26	0.00	2.26	694.06	165.25	243	219.78	6.79	-0.51	0.02
149.00	-5.89	-0.43	0.00	-0.43	0.00	0.43	666.17	158.61	224	202.37	7.22	-0.51	0.01
150.00	0.00	-0.38	0.00	0.00	0.00	0.00	659.19	156.95	219	198.13	7.33	-0.51	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	-42.43	-1.53	0.00	-194.87	0.00	194.87	3,157.17	784.20	2,738	2,376.61	0.00	0.00	0.04
5.00	-40.92	-1.54	0.00	-187.20	0.00	187.20	3,114.35	767.59	2,623	2,294.24	0.01	-0.01	0.04
10.00	-39.31	-1.55	0.00	-179.50	0.00	179.50	3,070.50	750.99	2,511	2,212.51	0.03	-0.03	0.04
15.00	-37.71	-1.55	0.00	-171.76	0.00	171.76	3,025.61	734.39	2,401	2,131.46	0.06	-0.04	0.04
20.00	-36.56	-1.56	0.00	-163.99	0.00	163.99	2,979.68	717.78	2,294	2,051.14	0.11	-0.05	0.03
23.60	-36.12	-1.56	0.00	-158.38	0.00	158.38	2,945.97	705.83	2,218	1,993.78	0.15	-0.06	0.03
23.60	-36.12	-1.56	0.00	-158.38	0.00	158.38	2,945.97	705.83	2,218	1,993.78	0.15	-0.06	0.03
25.00	-34.55	-1.56	0.00	-156.19	0.00	156.19	2,932.71	701.18	2,189	1,971.59	0.17	-0.07	0.03
30.00	-34.08	-1.56	0.00	-148.40	0.00	148.40	2,875.21	684.57	2,087	1,886.65	0.25	-0.08	0.03
31.50	-32.65	-1.56	0.00	-146.05	0.00	146.05	2,854.29	679.59	2,056	1,859.14	0.27	-0.08	0.03
35.00	-32.38	-1.56	0.00	-140.60	0.00	140.60	2,805.48	667.97	1,987	1,795.73	0.34	-0.09	0.03
35.67	-31.11	-1.55	0.00	-139.56	0.00	139.56	2,248.07	566.94	1,717	1,468.70	0.35	-0.09	0.03
40.00	-29.66	-1.55	0.00	-132.84	0.00	132.84	2,218.59	554.95	1,645	1,418.49	0.44	-0.10	0.03
45.00	-28.22	-1.54	0.00	-125.11	0.00	125.11	2,183.60	541.11	1,564	1,360.97	0.56	-0.12	0.03
50.00	-26.79	-1.52	0.00	-117.44	0.00	117.44	2,147.58	527.27	1,485	1,303.95	0.69	-0.13	0.03
55.00	-25.77	-1.51	0.00	-109.83	0.00	109.83	2,110.52	513.44	1,408	1,247.47	0.83	-0.14	0.03
58.60	-25.26	-1.50	0.00	-104.39	0.00	104.39	2,083.19	503.48	1,354	1,207.17	0.94	-0.15	0.03
60.00	-23.86	-1.48	0.00	-102.28	0.00	102.28	2,072.41	499.60	1,334	1,191.58	0.99	-0.16	0.03
65.00	-22.83	-1.46	0.00	-94.87	0.00	94.87	2,033.27	485.76	1,261	1,136.35	1.16	-0.17	0.03
68.70	-22.54	-1.46	0.00	-89.46	0.00	89.46	1,997.21	475.53	1,208	1,092.40	1.29	-0.18	0.02
68.70	-22.54	-1.46	0.00	-89.46	0.00	89.46	1,997.21	475.53	1,208	1,092.40	1.29	-0.18	0.04
70.00	-21.55	-1.44	0.00	-87.56	0.00	87.56	1,982.10	471.93	1,190	1,075.84	1.34	-0.18	0.04
73.50	-21.24	-1.44	0.00	-82.52	0.00	82.52	1,473.96	377.74	953	802.32	1.47	-0.19	0.05
75.00	-20.30	-1.41	0.00	-80.37	0.00	80.37	1,466.28	374.42	936	791.05	1.54	-0.20	0.05
80.00	-19.40	-1.39	0.00	-73.30	0.00	73.30	1,440.00	363.35	882	753.69	1.76	-0.22	0.05
85.00	-18.52	-1.37	0.00	-66.33	0.00	66.33	1,412.68	352.28	829	716.65	2.01	-0.25	0.04
90.00	-17.64	-1.34	0.00	-59.49	0.00	59.49	1,384.32	341.21	777	679.98	2.28	-0.27	0.04
95.00	-16.77	-1.31	0.00	-52.78	0.00	52.78	1,354.92	330.14	728	643.72	2.57	-0.29	0.04
100.00	-15.91	-1.27	0.00	-46.24	0.00	46.24	1,324.47	319.08	680	607.94	2.88	-0.31	0.03
105.00	-15.57	-1.26	0.00	-39.88	0.00	39.88	1,292.99	308.01	634	572.68	3.21	-0.33	0.03
107.00	-15.33	-1.25	0.00	-37.37	0.00	37.37	1,275.03	303.58	616	556.51	3.35	-0.33	0.03
107.10	-14.92	-1.22	0.00	-37.24	0.00	37.24	1,274.10	303.36	615	555.69	3.36	-0.33	0.03
109.50	-14.82	-1.22	0.00	-34.30	0.00	34.30	1,251.78	298.04	593	536.29	3.53	-0.34	0.03
110.00	-14.80	-1.22	0.00	-33.69	0.00	33.69	1,247.13	296.94	589	532.29	3.57	-0.34	0.03
110.00	-14.80	-1.22	0.00	-33.69	0.00	33.69	853.24	223.36	444	366.34	3.57	-0.34	0.03
110.10	-14.62	-1.21	0.00	-33.57	0.00	33.57	852.88	223.20	444	365.91	3.57	-0.34	0.03

ASSET: 302489, Enfd - Enfield
CUSTOMER: VERIZON WIRELESS

CODE: ANSI/TIA-222-H
PROJECT: 14519765_C3_03

CALCULATED FORCES

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (ft-kips)	Mu MZ (fr-kips)	Mu Mx (ft-kips)	Resultant Moment (ft-kips)	Phi Pn (kips)	Phi Vn (kips)	Phi Tn (kips)	Phi Mn (kips)	Total Deflect (in)	Rotation (deg)	Ratio
111.00	-13.52	-1.15	0.00	-32.48	0.00	32.48	849.67	221.70	438	362.07	3.64	-0.35	0.03
115.00	-12.84	-1.11	0.00	-27.89	0.00	27.89	834.99	215.06	412	345.06	3.93	-0.36	0.03
119.13	-12.81	-1.11	0.00	-23.31	0.00	23.31	819.14	208.21	386	327.62	4.25	-0.37	0.02
119.30	-12.56	-1.09	0.00	-23.12	0.00	23.12	818.47	207.92	385	326.91	4.26	-0.37	0.01
120.00	-12.35	-1.08	0.00	-22.36	0.00	22.36	815.71	206.76	381	323.96	4.32	-0.37	0.01
121.00	-11.83	-1.04	0.00	-21.28	0.00	21.28	811.73	205.10	375	319.77	4.40	-0.37	0.01
121.00	-11.83	-1.04	0.00	-21.28	0.00	21.28	811.73	205.10	375	319.77	4.40	-0.37	0.02
124.50	-11.78	-1.04	0.00	-17.63	0.00	17.63	797.47	199.29	354	305.16	4.67	-0.38	0.02
124.50	-11.78	-1.04	0.00	-17.63	0.00	17.63	797.47	199.29	354	305.16	4.67	-0.38	0.07
125.00	-11.60	-1.03	0.00	-17.11	0.00	17.11	795.39	198.46	351	303.09	4.71	-0.38	0.07
127.00	-9.74	-0.90	0.00	-15.05	0.00	15.05	786.97	195.14	339	294.81	4.88	-0.40	0.06
130.00	-8.46	-0.80	0.00	-12.36	0.00	12.36	774.02	190.16	322	282.49	5.14	-0.42	0.06
135.00	-8.17	-0.78	0.00	-8.35	0.00	8.35	751.62	181.86	294	262.21	5.60	-0.46	0.04
140.00	-4.52	-0.46	0.00	-4.45	0.00	4.45	728.18	173.55	268	242.31	6.09	-0.48	0.03
145.00	-4.32	-0.44	0.00	-2.17	0.00	2.17	694.06	165.25	243	219.78	6.60	-0.49	0.02
149.00	-4.11	-0.42	0.00	-0.42	0.00	0.42	666.17	158.61	224	202.37	7.01	-0.50	0.01
150.00	0.00	-0.38	0.00	0.00	0.00	0.00	659.19	156.95	219	198.13	7.11	-0.50	0.00

ASSET: 302489, Enfd - Enfield
CUSTOMER: VERIZON WIRELESS

CODE: ANSI/TIA-222-H
PROJECT: 14519765_C3_03

ANALYSIS SUMMARY

Load Case	Base Reactions						Max Usage	
	Shear FX (kips)	Shear FZ (kips)	Axial FY (kips)	Moment MX (ft-kips)	Moment MY (ft-kips)	Moment MZ (ft-kips)	Elev (ft)	Interaction Ratio
1.2D + 1.0W	33.92	0.00	61.06	0.00	0.00	3504.31	124.50	0.88
0.9D + 1.0W	33.89	0.00	45.78	0.00	0.00	3445.72	124.50	0.84
1.2D + 1.0Di + 1.0Wi	22.04	0.00	95.66	0.00	0.00	2391.97	124.50	0.58
1.2D + 1.0Ev + 1.0Eh	1.58	0.00	60.84	0.00	0.00	199.19	124.50	0.08
0.9D - 1.0Ev + 1.0Eh	1.56	0.00	42.43	0.00	0.00	194.87	124.50	0.07
1.0D + 1.0W	7.36	0.00	50.94	0.00	0.00	753.66	124.50	0.2

ADDITIONAL STEEL SUMMARY

Elev From (ft)	Elev To (ft)	Member	Intermediate Connectors				Max Member		
			VQ/I (k/in)	Shear Applied (kips)	phiVn (kips)	Ratio	Pu (kip)	phiPn (kip)	Ratio
0.00	23.60	SOL #20 All Thread Bar	245.6	7.4	16.8	0.4383	287.2	330.5	
0.00	121.00	SOL #20 All Thread Bar	484.9	14.5	16.8	0.8653	271.9	311.1	
23.60	68.70	SOL #20 All Thread Bar	266.7	8.0	16.8	0.4759	257.4	330.5	
119.13	124.50	SOL #20 (15 deg Offset)	448.4	13.5	16.8	0.8003	108.7	284.5	

Elev From (ft)	Elev To (ft)	Member	Upper Termination Connectors					Lower Termination Connectors				
			MQ/I (kips)	phiVn (kips)	Number Required	Number Actual	Ratio	MQ/I (kips)	phiVn (kip)	Number Required	Number Actual	Ratio
0.00	23.60	SOL #20 All Thread Bar	0	12	0	24	0.0000	0	12	0	0	0.0000
0.00	121.00	SOL #20 All Thread Bar	52.7594	12	5	10	0.4397	0	12	0	0	0.0000
23.60	68.70	SOL #20 All Thread Bar	182.35	12	16	24	0.6332	0	12	0	0	0.0000
119.13	124.50	SOL #20 (15 deg Offset)	89.4299	12	8	12	0.6210	72.2741	12	7	12	0.5019

ASSET: 302489, Enfd - Enfield
CUSTOMER: VERIZON WIRELESS

CODE: ANSI/TIA-222-H
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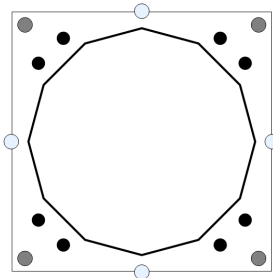
BASE PLATE ANALYSIS @ 0 FT

APPLIED REACTIONS

Moment (k-ft)	Axial (k)	Shear (k)
3504.31	61.06	33.92

PLATE PARAMETERS (ID# 15518)

Width:	44	in
Shape:	Square	
Thickness:	2.5	in
Grade:	A572-60	
Yield Strength:	60	ksi
Tensile Strength:	75	ksi
Clip Length:	0	in
Rod Detail Type:	c	
Clear Distance	-	in
Base Weld Size:	0.125	in
Orientation Offset:	-	°
Analysis Type:	Elastic	
Neutral Axis:	135	°



ANCHOR ROD PARAMETERS

Class	Arrangement	Quantity	Diameter (in)	Circle (in)	Grade	F _y (ksi)	F _u (ksi)	Spacing (in)	Offset (°)
Original [ID#15887]	Cluster	8	2.25	44	A615-75	75	100	6	-
Bypass [ID#19160]	Cluster	4	2.5	56	A615-75	75	100		45

DYWIDAG BAR PARAMETERS

Quantity	Bar Size	Bar Diameter (in)	F _y (ksi)	F _u (ksi)	Bracket Type	Bracket Offset (in)	Circle (in)	Offset (°)
4 [ID# 1393]	#20	2.5	80	100	Angle	2.19	44.26	-

COMPONENT PROPERTIES

Component	ID	Gross Area (in ²)	Net Area (in ²)	Individual Inertia (in ⁴)	Moment of Inertia (in ⁴)	Threads/in
Pole	37.38"Ø x 0.375" (12 Sides)	43.0992	-	-	7379.37	-
Bolt Group	Original (8) 2.25"Ø	3.9761	3.2477	0.8393	5566.40	4.5
Bolt Group	Bypass (4) 2.5"Ø	4.9087	3.9988	1.2725	6275.25	4.0
Dywidag Group	(4) #20	4.9087	4.9087	1.9175	4815.65	-

REACTION DISTRIBUTION

Component	ID	Moment M _u (k-ft)	Axial Load P _u (k)	Shear V _u (k)	Moment Factor
Pole	37.38"Ø x 0.375" (12 Sides)	1146.0	61.06	33.92	0.327
Bolt Group	Original (8) 2.25"Ø	1146.0	-	33.92	0.327
Bolt Group	Bypass (4) 2.5"Ø	974.5	-	0.00	0.278
Dywidag Group	(4) #20	1383.8	-	-	0.395

ASSET: 302489, Enfd - Enfield
CUSTOMER: VERIZON WIRELESS

CODE: ANSI/TIA-222-H
PROJECT: 14519765

BASE PLATE BEND LINE ANALYSIS @ 0 FT

POLE PROPERTIES				PLATE PROPERTIES						
Flat-to-Flat Diameter:	37.50	in		Flat Width:	10.049	in		Neutral Axis:	135	°
Point-to-Point Diameter:	38.83	in		Flat Radians:	0.524	rad				
Orientation Offset:	-	°								
Bend Line	Chord Length (in)	Additional Length (in)	Section Modulus (in³)	Applied Moment M _u (k-in)	Moment Capacity ΦM _n (k-in)	Flexure Result M _u /ΦM _n				
Flats	24.720	0.00	38.626	581.9	2085.8	27.9%	✓			
Corners	23.397	0.00	36.558	361.1	1974.2	18.3%	✓			

ELASTIC ANCHOR ROD ANALYSIS

Class	Group Quantity	Rod Diameter (in)	Applied Axial Load P _u (k)	Applied Shear Load V _u (k)	Compressive Capacity ΦP _n (k)	Compressive Result	Interaction Result	
Original	8	2.25	166.9	1.0	243.6	0.685	69.3%	✓
Bypass	4	2.5	212.9	0.0	299.9	0.710	71.0%	✓

DYWIDAG BAR ANALYSIS

Group Quantity	Bar Size	Bar Circle (in)	Applied Axial Load P _u (k)	Compressive Capacity ΦP _n (k)	Compressive Result P _u / ΦP _n	
4	#20	44.26	270.9	368.2	73.6%	✓

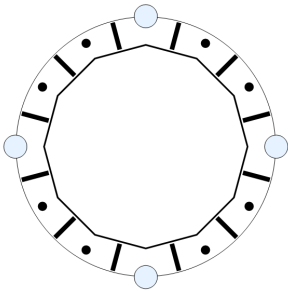
UPPER FLANGE PLATE ANALYSIS @ 110 FT

APPLIED REACTIONS

Moment (k-ft)	Axial (k)	Shear (k)
509.74	18.84	19.12

PLATE PARAMETERS (ID# 15519)

Width:	28	in
Shape:	Round	
Thickness:	1	in
Grade:	A572-60	
Yield Strength:	60	ksi
Tensile Strength:	75	ksi
Base Weld Size:	0.125	in
Orientation Offset:	-	°
Analysis Type:	Elastic	
Neutral Axis:	140	°



FLANGE BOLT PARAMETERS

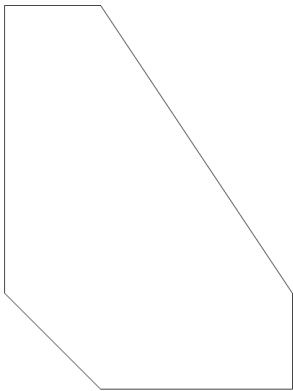
Class	Arrangement	Quantity	Diameter (in)	Circle (in)	Grade	F _y (ksi)	F _u (ksi)	Spacing (in)	Offset (°)
Original [ID#15888]	Radial	8	1	25.75	A325	92	120	-	-

DYWIDAG BAR PARAMETERS

Quantity	Bar Size	Bar Diameter (in)	F _y (ksi)	F _u (ksi)	Bracket Type	Bracket Offset (in)	Circle (in)	Offset (°)
4 [ID# 938]	#20	2.5	80	100	Angle	2.19	28.15	-

STIFFENER PARAMETERS

Arrangement:	Radial	
Quantity:	12	
Height:	4	in
Width:	3	in
Thickness:	0.5	in
Notch:	1	in
Grade:	A36	
Yield Strength:	36	ksi
Tensile Strength:	58	ksi
Horizontal Weld Type:	Fillet	
Horizontal Weld Fillet Size:	0.313	in
Vertical Weld Fillet Size:	0.188	in
Weld Strength:	70	ksi
Orientation Offset:	-	°



ASSET: 302489, Enfd - Enfield
CUSTOMER: VERIZON WIRELESS

CODE: ANSI/TIA-222-H
PROJECT: 14519765

Component Properties						
Component	ID	Gross Area (in²)	Net Area (in²)	Individual Inertia (in⁴)	Moment of Inertia (in⁴)	Threads/in
Pole	21.268"Ø x 0.1875" (12 Sides)	12.2761	-	-	682.06	-
Bolt Group	Original (8) 1"Ø	0.7854	0.6057	0.0292	363.83	8.0
Dywidag Group	(4) #20	4.9087	4.9087	1.9175	1952.29	-
Stiffeners	(12) 4"H x 3"W x 0.5"T	1.0000	0.9000	4.5000	802.00	-

Reaction Distribution					
Component	ID	Moment M _u (k-ft)	Axial Load P _u (k)	Shear V _u (k)	Moment Factor
Pole	21.268"Ø x 0.1875" (12 Sides)	132.0	18.84	19.12	0.259
Bolt Group	Original (8) 1"Ø	132.0	-	19.12	0.259
Dywidag Group	(4) #20	377.8	-	-	0.741
Stiffeners	(12) 4"H x 3"W x 0.5"T	71.3	-	10.33	0.140

UPPER FLANGE PLATE BEND LINE ANALYSIS @ 110 FT

POLE PROPERTIES					PLATE PROPERTIES		
Flat-to-Flat Diameter:	21.39	in	Flat Width:	5.732	in	Neutral Axis:	140 °
Point-to-Point Diameter:	22.15	in	Flat Radians:	0.524	rad	Bend Line Limits:	2.832 to 5.022 rad
Orientation Offset:	-	°					
Bend Line	Chord Length (in)	Additional Length (in)	Section Modulus (in³)	Applied Moment M _u (k-in)	Moment Capacity ΦM _n (k-in)	Flexure Result M _u /ΦM _n	
Flats	17.000	3.20	5.050	69.6	272.7	25.5%	✓
Corners	16.004	1.82	4.456	45.6	240.6	19.0%	✓
Circumferential	32.543	12.26	11.201	74.5	604.8	12.3%	✓

ELASTIC FLANGE BOLT ANALYSIS

Class	Group Quantity	Bolt Diameter (in)	Applied Axial Load P _u (k)	Applied Shear Load V _u (k)	Compressive Capacity ΦP _n (k)	Compressive Result	Interaction Result
Original	8	1	32.4	0.7	54.5	0.595	61.2% ✓

DYWIDAG BAR ANALYSIS

Group Quantity	Bar Size	Bar Circle (in)	Applied Axial Load P _u (k)	Compressive Capacity ΦP _n (k)	Compressive Result P _u / ΦP _n	
4	#20	28.15	126.4	368.2	34.3%	✓

ASSET: 302489, Enfd - Enfield
CUSTOMER: VERIZON WIRELESS

CODE: ANSI/TIA-222-H
PROJECT: 14519765

UPPER FLANGE PLATE STIFFENER ANALYSIS

Quantity: 12
Height: 4 in
Width: 3 in
Effective Width: 3.000 in
Thickness: 0.5 in
Notch: 1 in
Grade: A36
Yield Strength: 36 ksi
Tensile Strength: 58 ksi
Horizontal Weld Type: Fillet
Horizontal Weld Fillet Size: 0.313 in
Horizontal Weld Bevel Size: in
Vertical Weld Fillet Size: 0.188 in
Weld Strength: 70 ksi
Electrode Coefficient: 1.000

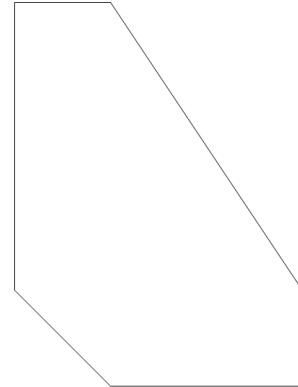


PLATE COMPRESSION

Radius of Gyration: 0.144 in³
kl/r: 16.63
4.71 $\sqrt{E/F_y}$: 133.68
Buckling Stress, F_e : 1035.22 ksi
Crit. Buckling Stress, F_{cr} : 907.89 ksi
Applied Compression, P_u : 11.83 k
Compressive Capacity, ΦP_n : 817.10 k
Compressive Result, $P_u/\Phi P_n$: 0.7%

PLATE TENSION

Gross Cross Section: 1.0000 in²
Net Cross Section: 0.9000 in²
Applied Tension, T_u : 11.39 k
Tensile Capacity, ΦT_n : 32.40 k
Tension Result, $T_u/\Phi T_n$: 17.6%

VERTICAL WELD TO POLE

Vertical Eccentricity Ratio, $a=e_x/l$: 0.250
Spacing Ratio, k: 0.125
Weld Coefficient, C: 3.310
Applied Compression, P_u : 11.83 k
Compressive Capacity, ΦP_n : 29.87 k
Horizontal Eccentricity Ratio, $a=e_x/l$: 0.333
Weld Coefficient, C: 2.970
Applied Shear, V_u : 0.12 k
Shear Capacity, ΦV_n : 26.80 k
Weld Result, $P_u/\Phi P_n + V_u/\Phi V_n$: 40.0%

HORIZONTAL WELD TO PLATE

Horizontal Eccentricity Ratio, $a=e_x/l$: 0.167
Spacing Ratio, k: 0.167
Weld Coefficient, C: 3.940
Effective Fillet Size: 0.313 in
Applied Compression, P_u : 11.83 k
Compressive Capacity, ΦP_n : 44.40 k
Vertical Eccentricity Ratio, $a=e_x/l$: 0.222
Weld Coefficient, C: 3.510
Applied Shear, V_u : 0.12 k
Shear Capacity, ΦV_n : 39.55 k
Weld Result, $P_u/\Phi P_n + V_u/\Phi V_n$: 26.9%

Site Name: ENFD - ENFIELD
Site Number: 302489
Tower Type: MP
Design Loads (Factored) - Analysis per TIA-222-H Standards

Monolithic Mat & Pier Foundation Analysis

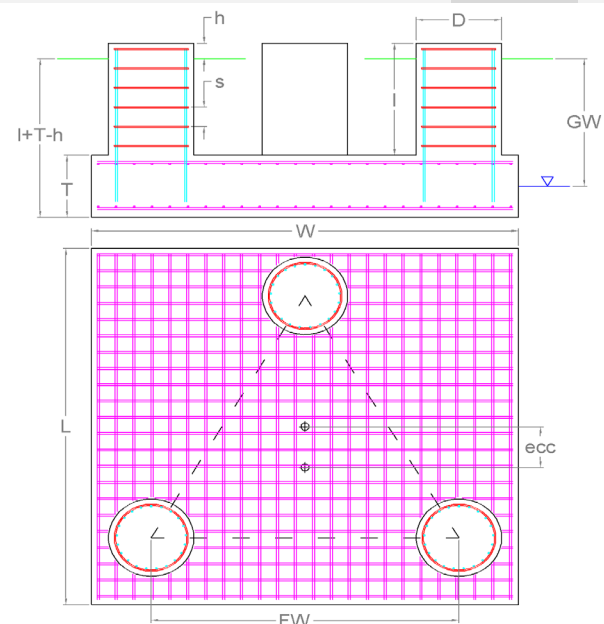
Foundation Analysis Parameters		
Design / Analysis / Mapping:	Analysis	-
Compression/Leg:	61.1	k
Uplift/Leg:	0.0	k
Global Shear:	33.9	k
Global Moment:	3,504.3	k-ft
Global Axial:	61.1	k
Depth to Base of Foundation (l + t - h):	7.917	ft
Diameter of Pier (d):	5	ft
Length of Pier (l):	4.917	ft
Height of Pier above Ground (h):	0	ft
Width of Pad (W):	18	ft
Length of Pad (L):	18	ft
Thickness of Pad (t):	3	ft
Tower Leg Center to Center:	0	ft
Number of Tower Legs:	1	-
Tower Center from Mat Center:	0	ft
Depth Below Ground Surface to Water Table:	99	ft
Unit Weight of Concrete:	150	pcf
Unit Weight of Soil Above Water Table:	115	pcf
Unit Weight of Water:	62.4	pcf
Unit Weight of Soil Below Water Table:	52.6	pcf
Friction Angle of Uplift:	15	°
Coefficient of Shear Friction:	0.30	-
Ultimate Compressive Bearing Pressure (Gross):	11,313	psf
Ultimate Passive Pressure on Pad Face:	738	psf
$f_{\text{Soil and Concrete Weight}}$:	1.2	-
f_{Soil} :	0.75	-
Pier Shape:	Square	

Foundation Steel Parameters		
Shear/Leg (Compression):	33.9	k
Shear/Leg (Uplift):	33.9	k
Concrete Strength (f'_c):	3,000	psi
Pad Tension Steel Depth:	31.75	in
Dead Load Factor:	0.9	-
f_{Shear} :	0.75	-
$f_{\text{Flexure / Tension}}$:	0.9	-
$f_{\text{Compression}}$:	0.65	-
b:	0.85	-
Bottom Pad Rebar Size #:	10	-
# of Bottom Pad Rebar:	34	-
Pad Bottom Steel Area:	43.18	in ²
Pad Steel F_y :	60,000	psi
Top Pad Rebar Size #:	10	-
# of Top Pad Rebar:	34	-
Pad Top Steel Area:	43.18	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:	51.6	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:	3	in

Overturning Moment Usage		
Design OTM:	3772.7	k-ft
OTM Resistance:	4702.6	k-ft
Design OTM / OTM Resistance:	80.2%	Pass

Soil Bearing Pressure Usage		
Net Bearing Pressure:	6181	psf
Factored Nominal Bearing Pressure:	8485	psf
Factored Nominal (Net) Bearing Pressure:	72.9%	Pass
Load Direction Controlling Design Bearing Pressure:	Diagonal to Pad Edge	

Sliding Factor of Safety		
Ultimate Friction Resistance:	99.4	k
Ultimate Passive Pressure Resistance:	39.8	k
Total Factored Sliding Resistance:	74.6	k
Sliding Design / Sliding Resistance:	45.5%	Pass



Pad Strength Capacity			
Factored One Way Shear (V_u):	303.0	k	ACI 318-14 25.5.5.1
One Way Shear Capacity (fV_c):	474.7	k	
V_u / fV_c :	64%	Pass	
Load Direction Controlling Shear Capacity:	Diagonal to Pad Edge		
Lower Steel Pad Factored Moment (M_u):	1906.7	k-ft	ACI 318-14 22.3.1.1
Lower Steel Pad Moment Capacity (fM_n):	5780.9	k-ft	
M_u / fM_n :	33%	Pass	
Load Direction Controlling Flexural Capacity:	Parallel to Pad Edge		
Upper Steel Pad Factored Moment (M_u):	386.1	k-ft	
Upper Steel Pad Moment Capacity (fM_n):	5780.9	k-ft	
M_u / fM_n :	7%	Pass	
Lower Pad Flexural Reinforcement Ratio:	0.0063		
Upper Pad Flexural Reinforcement Ratio:	0.0063		OK - ACI 318-14 7.6.1.1 & 8.6.1.1
Pad Shrinkage Reinforcement Ratio:	0.0126		OK - ACI 318-14 24.4.3.2
Lower Pad Reinforcement Spacing:	6.3	in	OK - ACI 318-14 7.7.2.3, 8.7.2.2, & 24.4.3.3
Upper Pad Reinforcement Spacing:	6.3	in	OK - ACI 318-14 7.7.2.3, 8.7.2.2, & 24.4.3.3
Ultimate Punching Shear Stress, v_u :	54.72	psi	ACI 318-14 R8.4.4.2.3
Nominal Punching Shear Capacity ($f_c v_c$):	164.3	psi	ACI 318-14 22.6.5.2
$v_u / f_c v_c$:	33%	Pass	
Pier Moment Pad Flexure Transfer Ratio, γ_f :	0.60		TIA-222-H 9.4.2
Moment Transfer Effective Flexural Width, B_{eff} :	14.00	ft	TIA-222-H 9.4.2
Neutral Axis Depth:	4.89	ft	
Moment Transfer Flexural Capacity ($fM_{sc,f}$):	55918.16	k-in	
$g_f M_{sc} / fM_{sc,f}$:	0%	Pass	
Pier Strength Capacity			
Factored Moment in Pier (M_u):	3671.0	k-ft	OK - No Ties Necessary for Shear - ACI11.5.6.1
Pier Moment Capacity (fM_n):	9214.4	k-ft	
M_u / fM_n :	40%	Pass	
Factored Shear in Pier (V_u):	33.9	k	ACI 318-14 22.5.1.1
Pier Shear Capacity (fV_n):	370.3	k	
V_u / fV_c :	9%	Pass	
Pier Shear Reinforcement Ratio:	0.0007		
Factored Tension in Pier (T_u):	0.0	k	ACI 318-14 22.4.2.1
Pier Tension Capacity (fT_n):	4380.5	k	
T_u / fT_n :	0%	Pass	
Factored Compression in Pier (P_u):	61.1	k	ACI 318-14 22.4.2.1
Pier Compression Capacity (fP_n):	3690.3	k	
P_u / fP_n :	2%	Pass	
Pier Compression Reinforcement Ratio:	0.029		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:	8.85	ft	
$M_u / f_B M_n + T_u / f_T T_n$:	40%	Pass	

EXHIBIT 4





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

Antenna Mount Analysis Report and PMI Requirements

Mount ReAnalysis

SMART Tool Project #: 10207601
Colliers Engineering & Design CT, P.C. Project #: 23777175

July 24, 2023

Site Information

Site ID: 5000175528-VZW / ENFIELD 4 CT
Site Name: ENFIELD 4 CT
Carrier Name: Verizon Wireless
Address: 400 Ecology Rd
Enfield, Connecticut 06082
Hartford County
Latitude: 41.965903°
Longitude: -72.552692°

Structure Information

Tower Type: 162-Ft Monopole
Mount Type: 12.50-Ft Platform

FUZE ID # 17123804

Analysis Results

Platform: 55.0% 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: Cody Sherman

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: 323856, dated March 16, 2021
Mount Mapping Report	Roaming Networks Inc., Site ID: 535791, dated May 6, 2021
Modification Drawings	Maser Consulting Connecticut, Project #: 21777518, dated July 30, 2021
Final Loading Guidance	Filter Add Scope Provided by Verizon Wireless

Analysis Criteria:

Codes and Standards:	ANSI/TIA-222-H 2022 Connecticut State Building Code (CSBC), Effective October 1, 2022
Wind Parameters:	Basic Wind Speed (Ultimate 3-sec. Gust), V_{ULT} : 120 mph Ice Wind Speed (3-sec. Gust): 50 mph Design Ice Thickness: 1.50 in Risk Category: II Exposure Category: C Topographic Category: 1 Topographic Feature Considered: N/A Topographic Method: N/A Ground Elevation Factor, K_e : 0.994
Seismic Parameters:	S_s : 0.172 g S_1 : 0.055 g
Maintenance Parameters:	Wind Speed (3-sec. Gust): 30 mph Maintenance Load, L_v : 250 lbs. Maintenance Load, L_m : 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
124.50	125.00	2	KAelus	KA-6030	Added
		3	Samsung	MT6407-77A	Retained
		2	Amphenol Antel	BXA-80080-6CF-EDIN-0	
		1	Amphenol Antel	BXA-80080-6CF-EDIN-6	
		3	Commscope	NHH-65B-R2B	
		3	Commscope	NHHSS-65B-R2BT4	
		3	Samsung	B2/B66A RRH-BR049	
		3	Samsung	B5/B13 RRH-BR04C	
		3	Samsung	CBRS RRH - RT4401-48A	
		1	Raycap	RCMDC-6627-PF-48*	

* Equipment is flush mounted directly to the monopole tower. It is not mounted on the platform mount and is not included in this mount analysis.

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

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

Standard Conditions:

1. All engineering services are performed on the basis that the information provided to Colliers Engineering & Design CT, P.C. and used in this analysis is current and correct. The existing equipment loading has been applied at locations determined from the supplied documentation. Any deviation from the loading locations specified in this report shall be communicated to Colliers Engineering & Design CT, P.C. to verify deviation will not adversely impact the analysis.
2. Mounts are assumed to have been properly fabricated, installed and maintained in good condition, twist free and plumb in accordance with its original design and manufacturer's specifications.

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

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

3. For mount analyses completed from other data sources (including new replacement mounts) and not specifically mapped in accordance with the NSTD-446 Standard, the mounts are assumed to have been properly fabricated, installed and maintained in good condition, twist free and plumb in accordance with its original design and manufacturer's specifications.
4. All member connections are assumed to have been designed to meet or exceed the load carrying capacity of the connected member unless otherwise specified in this report.

5. The mount was checked up to, and including, the bolts that fasten it to the mount collar/attachment and threaded rod connections in collar members if applicable. Local deformation and interaction between the mount collar/attachment and the supporting tower structure are outside the scope of this analysis.
6. All services are performed, results obtained, and recommendations made in accordance with generally accepted engineering principles and practices. Colliers Engineering & Design CT, P.C. is not responsible for the conclusion, opinions, and recommendations made by others based on the information supplied.
7. Structural Steel Grades have been assumed as follows, if applicable, unless otherwise noted in this analysis:
 - Channel, Solid Round, Angle, Plate ASTM A36 (Gr. 36)
 - HSS (Rectangular) ASTM 500 (Gr. B-46)
 - Pipe ASTM A53 (Gr. B-35)
 - Threaded Rod F1554 (Gr. 36)
 - Bolts ASTM A325
8. It is assumed that the mount modifications listed under Sources of Information have been installed per the design specifications.

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

Analysis Results:

Component	Utilization %	Pass/Fail
Connection Check	32.8%	Pass
Face Horizontal	13.0%	Pass
Standoff Horizontal	32.0%	Pass
Cross Brace	55.0 %	Pass
Grating Support	16.0%	Pass
Corner Plate	15.0%	Pass
Cross Brace Plate	21.0%	Pass
Mount Pipe	26.0%	Pass
Support Rail	12.0%	Pass
Support Rail Corner	20.0%	Pass
Kicker Kit	5.0%	Pass
Structure Rating – (Controlling Utilization of all Components)		55.0%

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	32.6	32.6	45.5	45.5
0.5	42.0	42.0	60.2	60.2
1	50.0	50.0	73.6	73.6

Notes:

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

Requirements:

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

Contractor shall verify modifications detailed in Modification Drawings by Maser Consulting Connecticut dated 7/30/2021 have been installed prior to installation of equipment. **Escalate any discrepancies to EOR immediately as it may render the results of this analysis invalid and require additional modifications.**

Install the (2) new proposed KA-6030 filters to the support rail of the Gamma sector.

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

MDG #: 5000175528

SMART Project #: 10207601

Fuze Project ID: 17123804

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

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

Base Requirements:

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

Photo Requirements:

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

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

Antenna & equipment placement and Geometry Confirmation:

- The contractor shall certify that the antenna & equipment placement and geometry is in accordance with the sketch and table as included in the mount analysis and noted below.
- ☐ The contractor certifies that the photos support and the equipment on the mount is as depicted on the sketch and table included in this form and with the mount analysis provided.

OR

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

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

Issue:

Contractor shall verify modifications detailed in Modification Drawings by Maser Consulting Connecticut dated 7/30/2021 have been installed prior to installation of equipment. Escalate any discrepancies to EOR immediately as it may render the results of this analysis invalid and require additional modifications.

Install the (2) new proposed KA-6030 filters to the support rail of the Gamma sector.

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:	<table border="1"><tr><td></td></tr></table>	
Employee Name:	<table border="1"><tr><td></td></tr></table>	
Contact Phone:	<table border="1"><tr><td></td></tr></table>	
Email:	<table border="1"><tr><td></td></tr></table>	
Date:	<table border="1"><tr><td></td></tr></table>	

Se tor: **A**

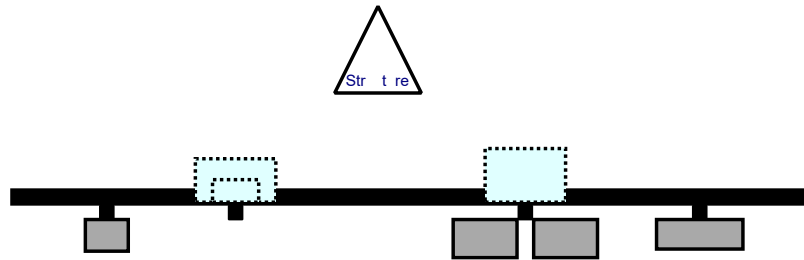
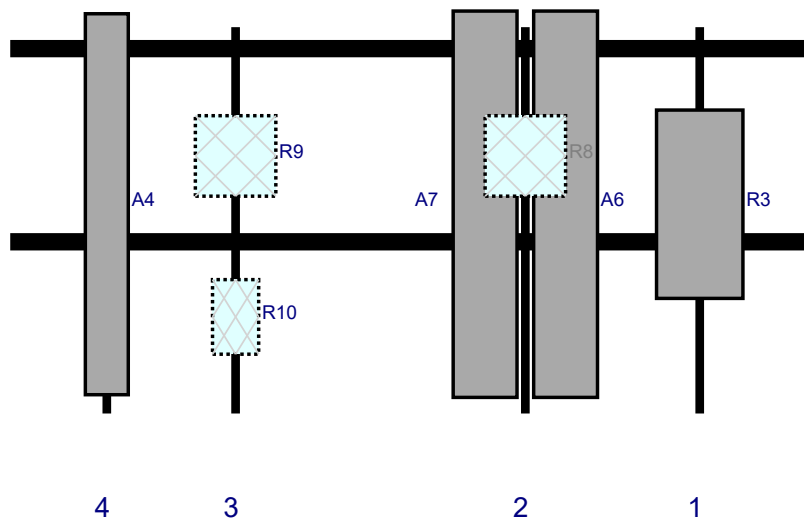
7/23/2023

Str t re Type: Mo opole

10207601

Mo t Elev: 124.50

P ge: 1

Plan View**Front View - Looking at 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
R3	MT6407-77A	35.1	16.1	128.5	1		Fro t	33	0	Ret i ed	
A6	NHH-65B-R2B	72	11.9	96	2		Fro t	33	7.5	Ret i ed	05/06/2021
A7	NHHSS-65B-R2BT4	72	11.9	96	2		Fro t	33	-7.5	Ret i ed	05/06/2021
R8	B2/B66A RRH-BR049	15	15	96	2		Behi d	24	0	Ret i ed	05/06/2021
R9	B5/B13 RRH-BR04C	15	15	42	3		Behi d	24	0	Ret i ed	05/06/2021
R10	CBRS RRH - RT4401-48A	13.9	8.6	42	3		Behi d	54	0	Ret i ed	05/06/2021
A4	BXA-80080-6CF-EDIN-0	71	8	18	4		Fro t	33	0	Ret i ed	05/06/2021
M72	KA-6030	10.6	10.9		Me	er				Added	
M72	KA-6030	10.6	10.9		Me	er				Added	

Se tor: **B**

7/23/2023

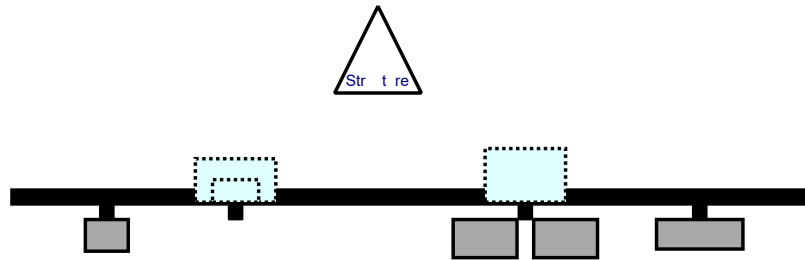
Str t re Type: Mo opole

10207601

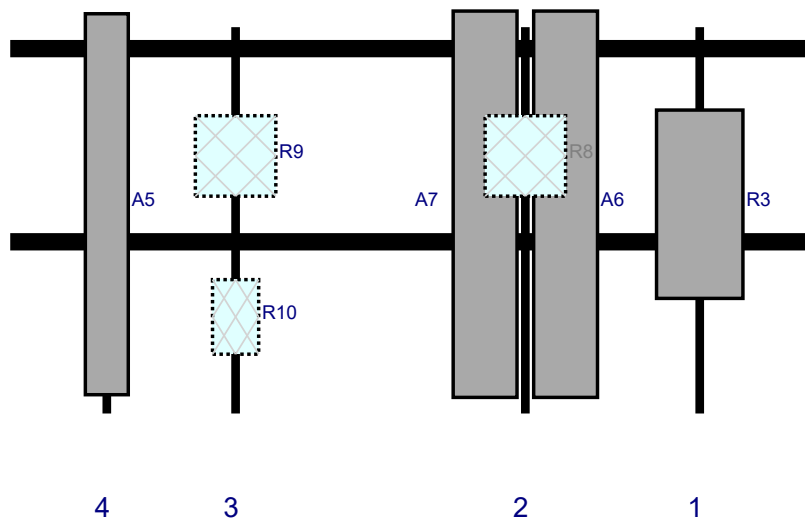
Mo t Elev: 124.50

P ge: 2

Plan View



Front View - Looking at 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
R3	MT6407-77A	35.1	16.1	128.5	1		Fro t	33	0	Ret i ed	
A6	NHH-65B-R2B	72	11.9	96	2		Fro t	33	7.5	Ret i ed	05/06/2021
A7	NHHSS-65B-R2BT4	72	11.9	96	2		Fro t	33	-7.5	Ret i ed	05/06/2021
R8	B2/B66A RRH-BR049	15	15	96	2		Behi d	24	0	Ret i ed	05/06/2021
R9	B5/B13 RRH-BR04C	15	15	42	3		Behi d	24	0	Ret i ed	05/06/2021
R10	CBRS RRH - RT4401-48A	13.9	8.6	42	3		Behi d	54	0	Ret i ed	05/06/2021
A5	BXA-80080-6CF-EDIN-6	71	8	18	4		Fro t	33	0	Ret i ed	05/06/2021

Se tor: C

7/23/2023

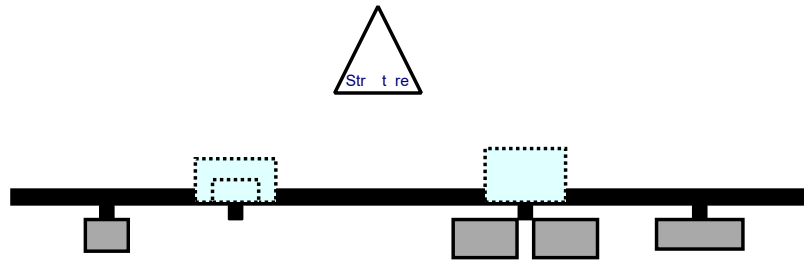
Str t re Type: Mo opole

10207601

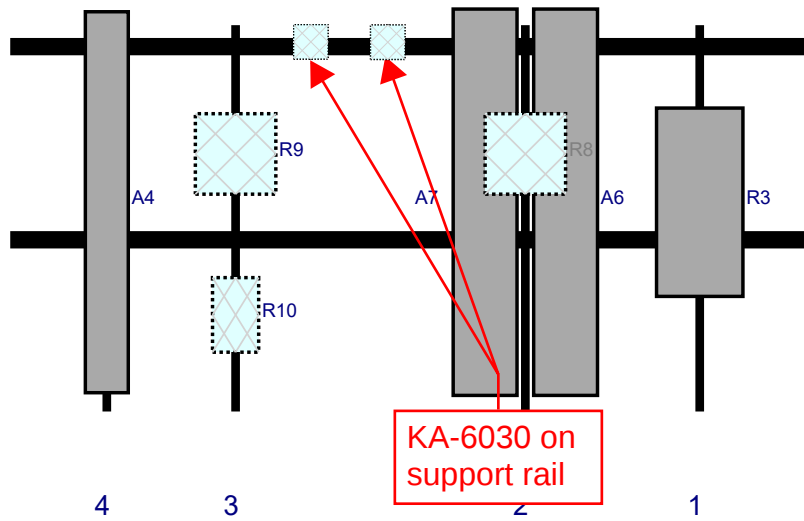
Mo t Elev: 124.50

P ge: 3

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
R3	MT6407-77A	35.1	16.1	128.5	1		Fro t	33	0	Ret i ed	
A6	NHH-65B-R2B	72	11.9	96	2		Fro t	33	7.5	Ret i ed	05/06/2021
A7	NHHSS-65B-R2BT4	72	11.9	96	2		Fro t	33	-7.5	Ret i ed	05/06/2021
R8	B2/B66A RRH-BR049	15	15	96	2		Behi d	24	0	Ret i ed	05/06/2021
R9	B5/B13 RRH-BR04C	15	15	42	3		Behi d	24	0	Ret i ed	05/06/2021
R10	CBRS RRH - RT4401-48A	13.9	8.6	42	3		Behi d	54	0	Ret i ed	05/06/2021
A4	BXA-80080-6CF-EDIN-0	71	8	18	4		Fro t	33	0	Ret i ed	05/06/2021





PAUL J. FORD
& COMPANY

Antenna Mount Mapping Form (PATENT PENDING)

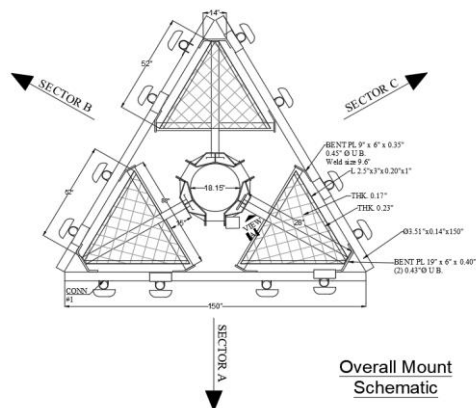
ECC #

1243085

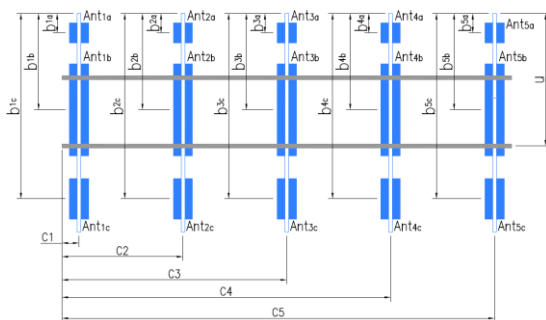
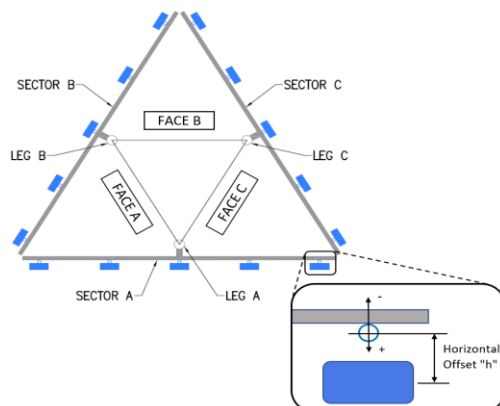
Tower Owner:	American Tower
Site Name:	ENFIELD 4 CT
Site Number or ID:	535791
Mapping Contractor:	Roaming Network

Mapping Date:	05/06/2021.
Tower Type:	Monopole
Tower Height (Ft.):	N/A
Mount Elevation (Ft.):	124.94

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Overall Mount Schematic



Antenna Layout (Looking Out From Tower)

Mount Pipe Configuration and Geometries [Unit = Inches]							
Sector / Position	Mount Pipe Size & Length	Vertical Offset Dimension "u"	Horizontal Offset "C1, C2, C3, etc."	Sector / Position	Mount Pipe Size & Length	Vertical Offset Dimension "u"	Horizontal Offset "C1, C2, C3, etc."
A1	PIPE Ø 2.38" x0.26"x72"	40.00	21.50	C1	PIPE Ø 2.38" x0.26"x72"	40.00	21.50
A2	PIPE Ø 2.40 x0.19"x72"	40.00	54.00	C2	PIPE Ø 2.40 x0.19"x72"	40.00	54.00
A3	PIPE Ø 2.67" x0.20"x72"	36.00	108.00	C3	PIPE Ø 2.67" x0.20"x72"	36.00	108.00
A4	PIPE Ø 2.40 x0.19"x72"	40.00	132.00	C4	PIPE Ø 2.40 x0.19"x72"	40.00	132.00
A5				C5			
A6				C6			
B1	PIPE Ø 2.38" x0.26"x72"	40.00	21.50	D1			
B2	PIPE Ø 2.40 x0.19"x72"	40.00	54.00	D2			
B3	PIPE Ø 2.67" x0.20"x72"	36.00	108.00	D3			
B4	PIPE Ø 2.40 x0.19"x72"	40.00	132.00	D4			
B5				D5			
B6				D6			
Distance between bottom rail and mount CL elevation (dim d). Unit is inches. See 'Mount Elev Ref' tab for details. :							
Distance from top of bottom support rail to lowest tip of ant./eqpt. of Carrier above. (N/A if > 10 ft.) :							
Distance from top of bottom support rail to highest tip of ant./eqpt. of Carrier below. (N/A if > 10 ft.) :							
Please enter additional information or comments below.							
Tower Face Width at Mount Elev. (ft.):		Tower Leg Size or Pole Shaft Diameter at Mount Elev. (in.):					18.15

[illegible]

Mount Azimuth (Degree) for Each Sector				Tower Leg Azimuth (Degree) for Each Sector		Sector B										
Sector A:	60.00	Deg	Leg A:		Deg	Ant _{1a}	SBNHH-1D65B	11.85	7.09	72.87		125.607	32.00	8.00	140.00	246,248
Sector B:	140.00	Deg	Leg B:		Deg	Ant _{1b}	B66a RRH 4x45	12.00	9.00	21.60		127.773	6.00			246,247
Sector C:	240.00	Deg	Leg C:		Deg	Ant _{1c}										
Sector D:		Deg	Leg D:		Deg	Ant _{2a}	BXA70063/4 CFEDIN	11.20	6.5	47.40		125.607	32.00	10.00	140.00	244,245
						Ant _{2b}										
						Ant _{2c}										
Climbing Facility Information						Ant _{3a}	SBNHH-1D65B	11.85	7.09	72.87		125.107	34.00	8.00	140.00	249,252
Location:		Deg	Sector C			Ant _{3b}	B13 RRH 4x30	13.80	8.20	72.00		127.107	10.00			249,250
Climbing Facility	Corrosion Type:		N/A			Ant _{3c}										
	Access:		Climbing path was unobstructed.			Ant _{4a}	BXA800806 CFEDIN6	11.2	7.5	96.00		125.607	32.00	10.00	140.00	253,254
	Condition:		Good condition.			Ant _{4b}										
						Ant _{4c}										
						Ant _{5a}										
						Ant _{5b}										
						Ant _{5c}										
						Ant on Standoff										
						Ant on Standoff										
						Ant on Tower										
						Ant on Tower										
						Sector C										
						Ant _{1a}	SBNHH-1D65B	11.85	7.09	72.87		125.607	32.00	8.00	240.00	246,248
						Ant _{1b}	B66a RRH 4x45	12.00	9.00	21.60		127.773	6.00			246,47
						Ant _{1c}										
						Ant _{2a}	BXA70063/4 CFEDIN	11.20	6.5	47.40		125.607	32.00	10.00	240.00	244,245
						Ant _{2b}										
						Ant _{2c}										
						Ant _{3a}	SBNHH-1D65B	11.85	7.09	72.87		125.107	34.00	8.00	240.00	249,252
						Ant _{3b}	B13 RRH 4x30	13.80	8.20	72.00		127.107	10.00			249,250
						Ant _{3c}										
						Ant _{4a}	BXA800806 CFEDIN6	11.2	7.5	96.00		125.607	32.00	10.00	240.00	253,254
						Ant _{4b}										
						Ant _{4c}										
						Ant _{5a}										
						Ant _{5b}										
						Ant _{5c}										
						Ant on Standoff										
						Ant on Standoff										
						Ant on Tower										
						Ant on Tower										
						Sector D										
						Ant _{1a}										
						Ant _{1b}										
						Ant _{1c}										
						Ant _{2a}										
						Ant _{2b}										
						Ant _{2c}										
						Ant _{3a}										
						Ant _{3b}										
						Ant _{3c}										
						Ant _{4a}										
						Ant _{4b}										
						Ant _{4c}										
						Ant _{5a}										
						Ant _{5b}										
						Ant _{5c}										
						Ant on Standoff										
						Ant on Standoff										
						Ant on Tower										
						Ant on Tower										

TP OF EQUIPMENT

DISTANCE FROM TOP OF MAIN PLATFORM MEMBER TO LOWEST TIP OF ANT./EQPT. OF CARRIER ABOVE (N/A IF > 10 FT.)

DISTANCE FROM TOP OF MAIN PLATFORM MEMBER TO HIGHEST TIP OF ANT./EQPT. OF CARRIER BELOW (N/A IF > 10 FT.)

EXISTING PLATFORM

TP OF EQUIPMENT

TP OF EQUIPMENT

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.)

EXISTING SECTOR FRAME-MOUNT

TP OF EQUIPMENT

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.

Antenna Mount Mapping Form (PATENT PENDING)

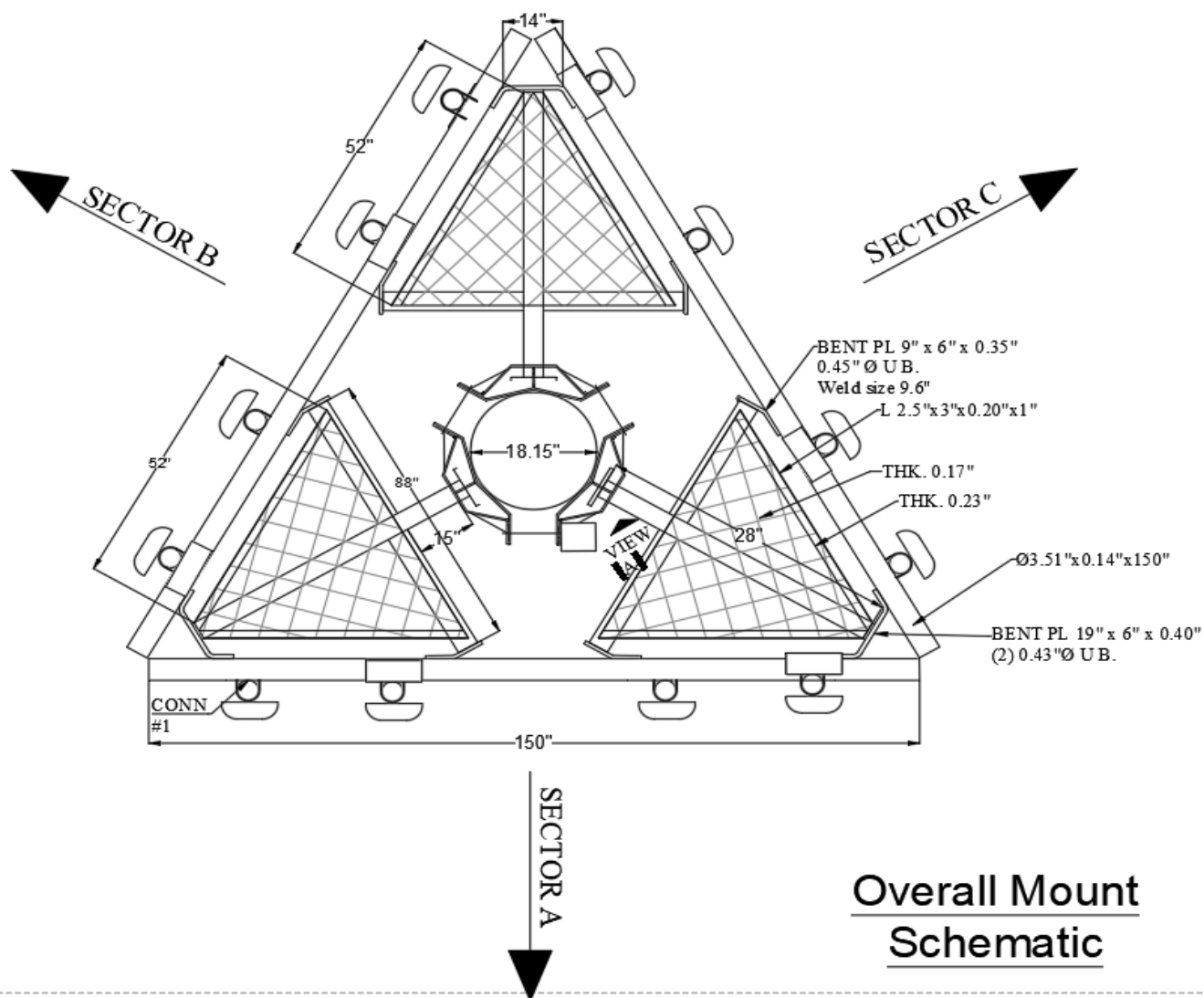
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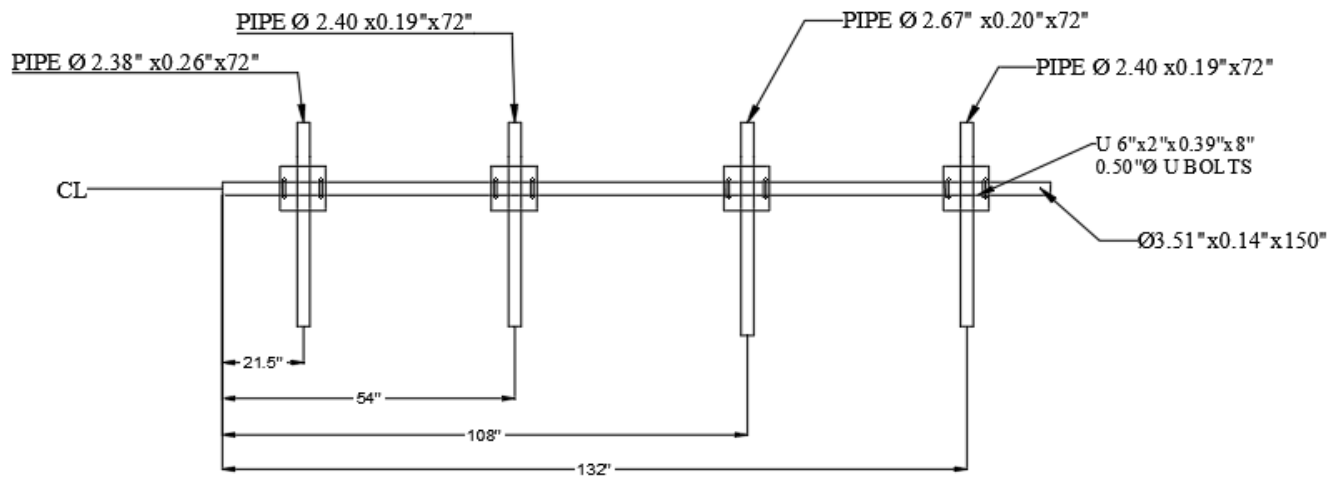
1243085

Tower Owner:	American Tower	Mapping Date:	05/06/2021.
Site Name:	ENFIELD 4 CT	Tower Type:	Monopole
Site Number or ID:	535791	Tower Height (Ft.):	N/A
Mapping Contractor:	Roaming Networks Inc.	Mount Elevation (Ft.):	124.94

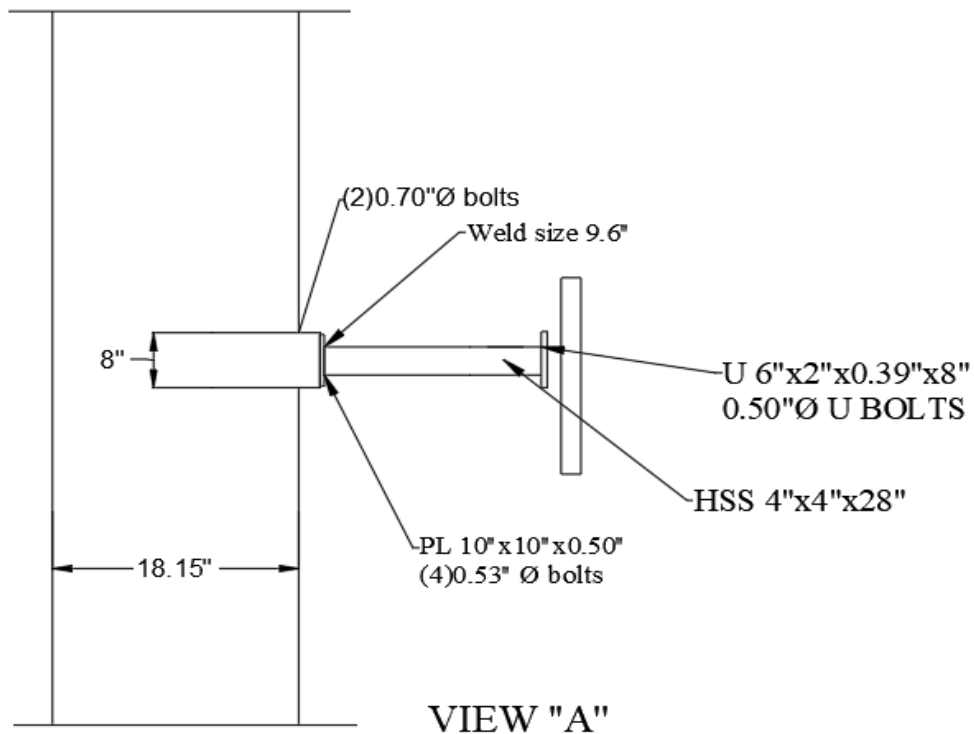
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Please Insert Sketches of the Antenna Mount

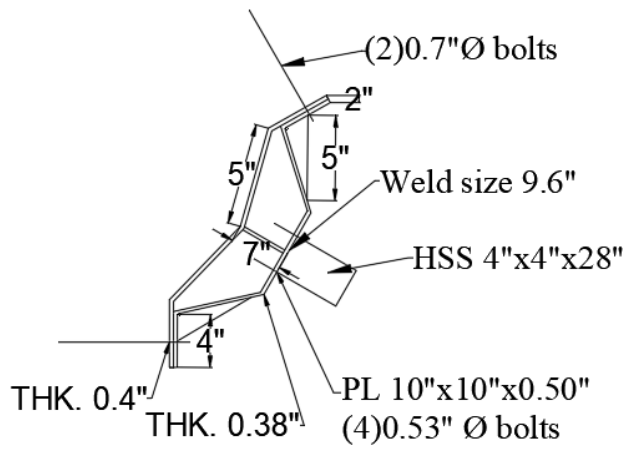




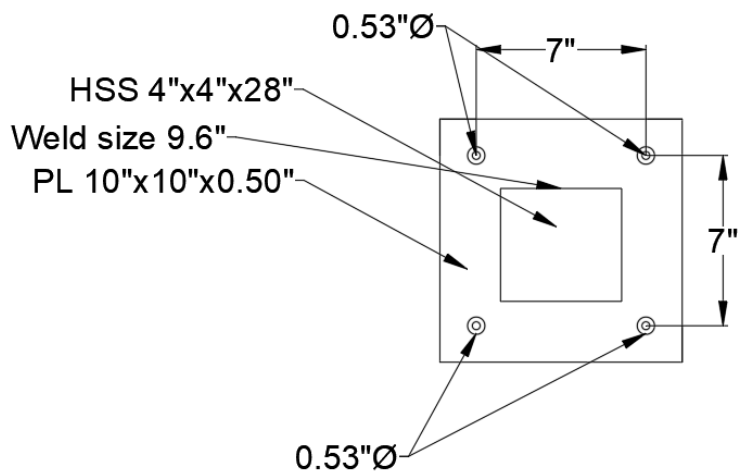
SECTOR A,B,C

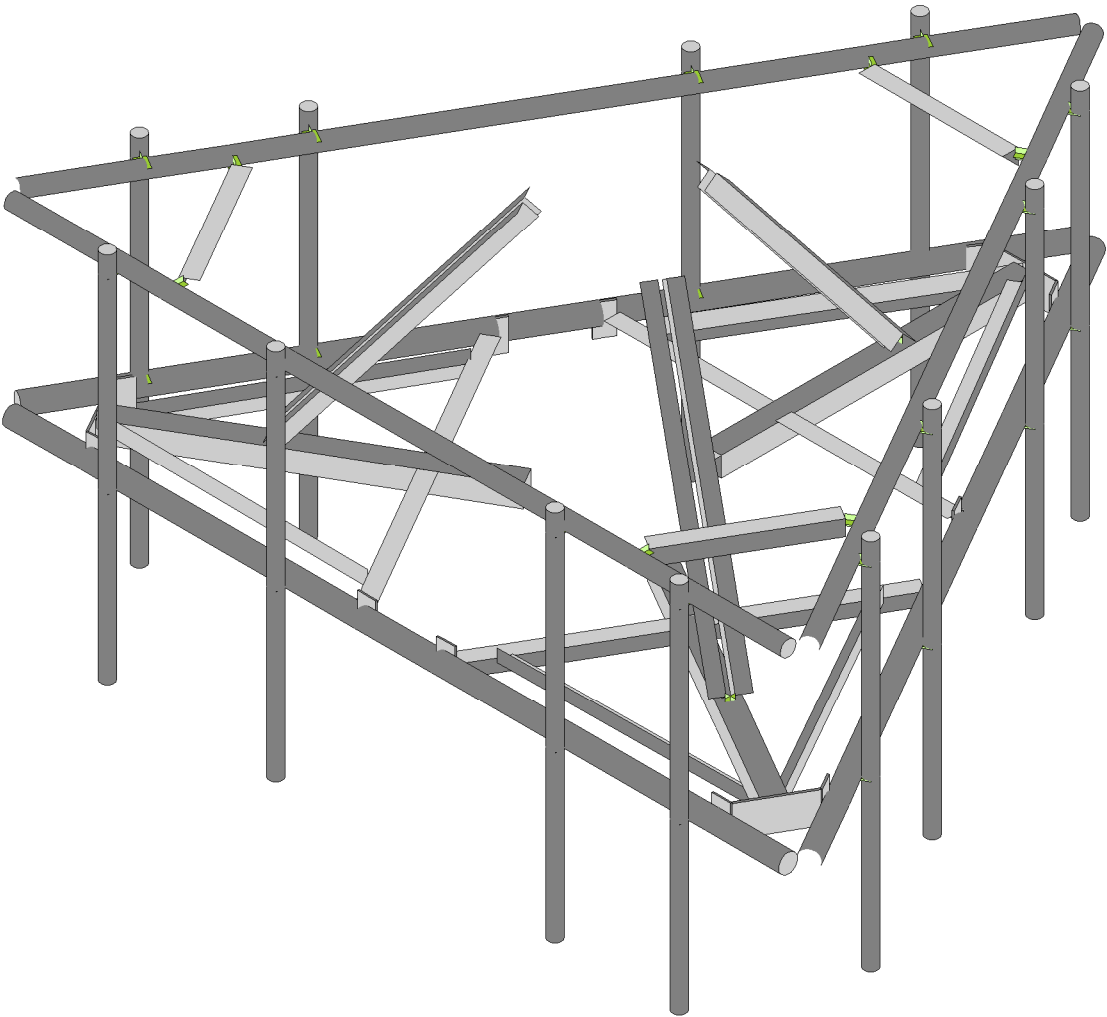
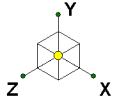


VIEW "A"



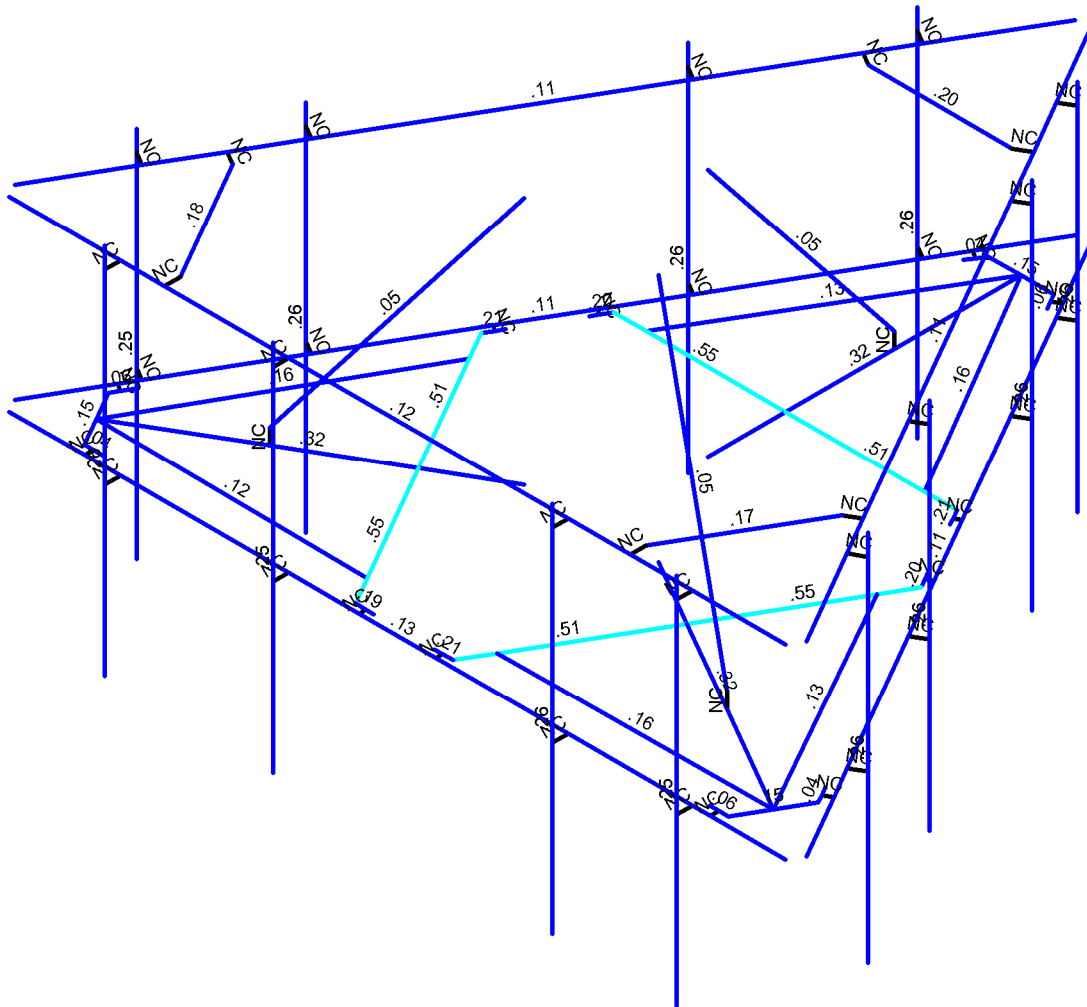
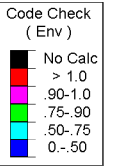
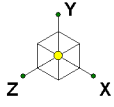
CONNECTION 2





Envelope Only Solution

		SK - 1
		July 23, 2023 at 3:24 PM
		5000175528-VZW_MT_LO_H.r3d

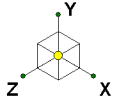


Member Code Checks Displayed (Enveloped)
Envelope Only Solution

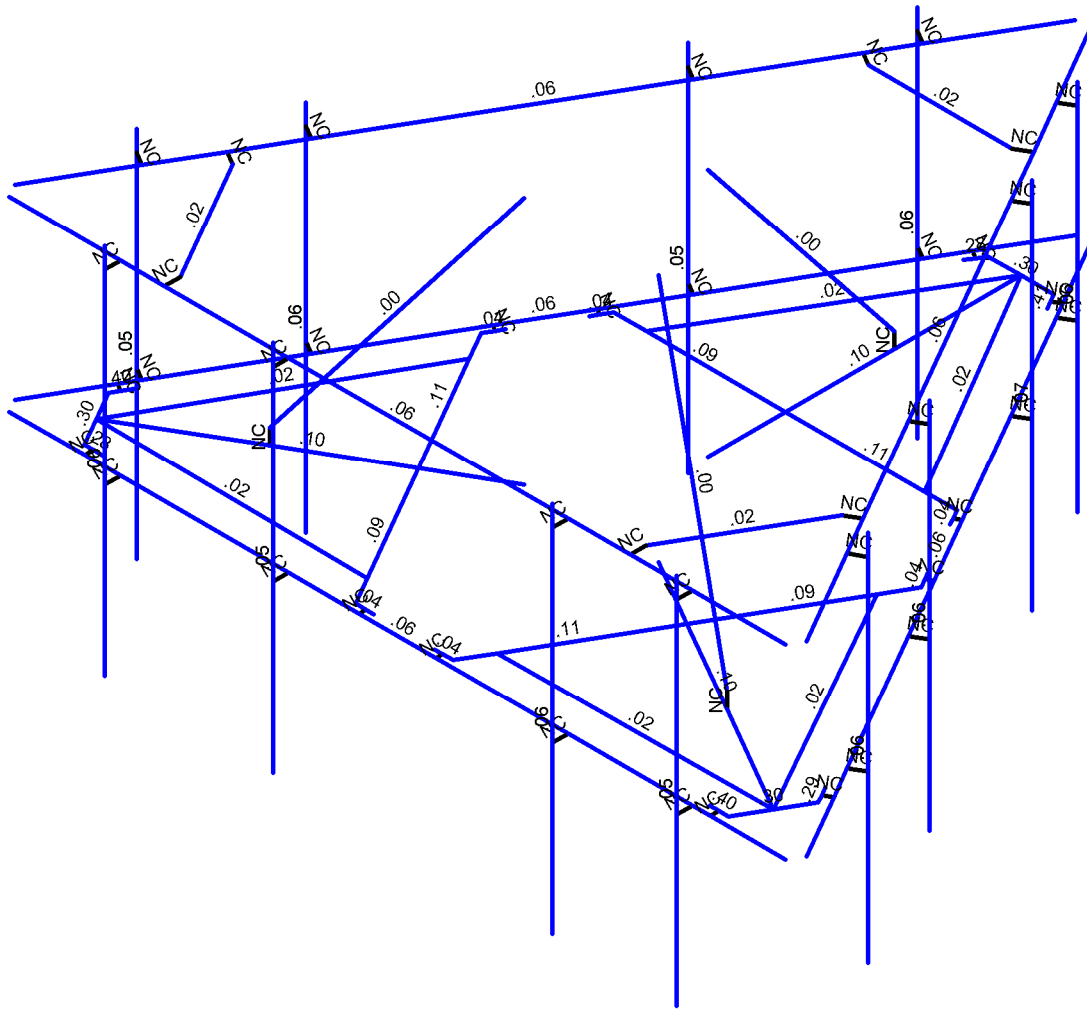
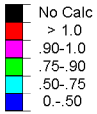
SK - 2

July 23, 2023 at 3:24 PM

5000175528-VZW_MT_LO_H.r3d



Shear Check
(Env)



Member Shear Checks Displayed (Enveloped)
Envelope Only Solution

SK - 3

July 23, 2023 at 3:24 PM

5000175528-VZW_MT_LO_H.r3d

Basic Load Cases

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed Area(Me...)	Surface(P...
1	Antenna D	None					105		
2	Antenna Di	None					105		
3	Antenna Wo (0 Deg)	None					105		
4	Antenna Wo (30 Deg)	None					105		
5	Antenna Wo (60 Deg)	None					105		
6	Antenna Wo (90 Deg)	None					105		
7	Antenna Wo (120 Deg)	None					105		
8	Antenna Wo (150 Deg)	None					105		
9	Antenna Wo (180 Deg)	None					105		
10	Antenna Wo (210 Deg)	None					105		
11	Antenna Wo (240 Deg)	None					105		
12	Antenna Wo (270 Deg)	None					105		
13	Antenna Wo (300 Deg)	None					105		
14	Antenna Wo (330 Deg)	None					105		
15	Antenna Wi (0 Deg)	None					105		
16	Antenna Wi (30 Deg)	None					105		
17	Antenna Wi (60 Deg)	None					105		
18	Antenna Wi (90 Deg)	None					105		
19	Antenna Wi (120 Deg)	None					105		
20	Antenna Wi (150 Deg)	None					105		
21	Antenna Wi (180 Deg)	None					105		
22	Antenna Wi (210 Deg)	None					105		
23	Antenna Wi (240 Deg)	None					105		
24	Antenna Wi (270 Deg)	None					105		
25	Antenna Wi (300 Deg)	None					105		
26	Antenna Wi (330 Deg)	None					105		
27	Antenna Wm (0 Deg)	None					105		
28	Antenna Wm (30 Deg)	None					105		
29	Antenna Wm (60 Deg)	None					105		
30	Antenna Wm (90 Deg)	None					105		
31	Antenna Wm (120 Deg)	None					105		
32	Antenna Wm (150 Deg)	None					105		
33	Antenna Wm (180 Deg)	None					105		
34	Antenna Wm (210 Deg)	None					105		
35	Antenna Wm (240 Deg)	None					105		
36	Antenna Wm (270 Deg)	None					105		
37	Antenna Wm (300 Deg)	None					105		
38	Antenna Wm (330 Deg)	None					105		
39	Structure D	None		-1				3	
40	Structure Di	None						54	3
41	Structure Wo (0 Deg)	None						108	
42	Structure Wo (30 Deg)	None						108	
43	Structure Wo (60 Deg)	None						108	
44	Structure Wo (90 Deg)	None						108	
45	Structure Wo (120 D...	None						108	
46	Structure Wo (150 D...	None						108	
47	Structure Wo (180 D...	None						108	
48	Structure Wo (210 D...	None						108	
49	Structure Wo (240 D...	None						108	
50	Structure Wo (270 D...	None						108	
51	Structure Wo (300 D...	None						108	
52	Structure Wo (330 D...	None						108	
53	Structure Wi (0 Deg)	None						108	

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						108	
55	Structure Wi (60 Deg)	None						108	
56	Structure Wi (90 Deg)	None						108	
57	Structure Wi (120 De..	None						108	
58	Structure Wi (150 De..	None						108	
59	Structure Wi (180 De..	None						108	
60	Structure Wi (210 De..	None						108	
61	Structure Wi (240 De..	None						108	
62	Structure Wi (270 De..	None						108	
63	Structure Wi (300 De..	None						108	
64	Structure Wi (330 De..	None						108	
65	Structure Wm (0 Deg)	None						108	
66	Structure Wm (30 De..	None						108	
67	Structure Wm (60 De..	None						108	
68	Structure Wm (90 De..	None						108	
69	Structure Wm (120 D..	None						108	
70	Structure Wm (150 D..	None						108	
71	Structure Wm (180 D..	None						108	
72	Structure Wm (210 D..	None						108	
73	Structure Wm (240 D..	None						108	
74	Structure Wm (270 D..	None						108	
75	Structure Wm (300 D..	None						108	
76	Structure Wm (330 D..	None						108	
77	Lm1	None					1		
78	Lm2	None					1		
79	Lv1	None					1		
80	Lv2	None					1		
81	Antenna Ev	None					105		
82	Antenna Eh (0 Deg)	None					70		
83	Antenna Eh (90 Deg)	None					70		
84	Structure Ev	ELY		-.037					3
85	Structure Eh (0 Deg)	ELZ			-.092				3
86	Structure Eh (90 Deg)	ELX	.092						3
87	BLC 39 Transient Are..	None						21	
88	BLC 40 Transient Are..	None						21	
89	BLC 84 Transient Are..	None						21	
90	BLC 85 Transient Are..	None						21	
91	BLC 86 Transient Are..	None						21	

Load Combinations

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

Load Combinations (Continued)

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

Load Combinations (Continued)

	Description	Sol...	PDe...	S...	BLCFa...	BLCFa...	BLCFa...	BLCFa...	BLCFa...	BLCFa...	BLCFa...	BLCFa...	BLCFa...	BLCFa...	BLCFa...	BLCFa...	BLCFa...			
72	0.9D - 1.0Ev + 1.0Eh (...)	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	-.5	83	-.866	ELZ	-.5	ELX	-.866
73	0.9D - 1.0Ev + 1.0Eh (...)	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82		83	-1	ELZ		ELX	-1
74	0.9D - 1.0Ev + 1.0Eh (...)	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	.5	83	-.866	ELZ	.5	ELX	-.866
75	0.9D - 1.0Ev + 1.0Eh (...)	Yes	Y		1	.9	39	.9	81	-1	ELY	-1	82	.866	83	-.5	ELZ	.866	ELX	-.5

Joint Coordinates and Temperatures

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
1	N1	0	0	0	0	
2	N2	-1.082532	0	0.625	0	
3	N3	1.082532	0	0.625	0	
4	N4	0	0	-1.25	0	
5	N5	-6.25	0	3.75	0	
6	N6	6.25	0	3.75	0	
7	N7	0.728953	0	-6.237417	0	
8	N8	0.604167	0	-6.165371	0	
9	N9	0.677083	0	-6.039076	0	
10	N10	0.53125	0	-6.291667	0	
11	N11	-0.53125	0	-6.291667	0	
12	N12	-0.677083	0	-6.039076	0	
13	N13	-0.604167	0	-6.165371	0	
14	N14	-0.728953	0	-6.237417	0	
15	N15	-2.760417	0	-2.5	0	
16	N16	2.760417	0	-2.5	0	
17	N17	-2.239583	0	-2.5	0	
18	N18	2.239583	0	-2.5	0	
19	N19	0	0	-6.291667	0	
20	N20	0	0	-2.5	0	
21	N21	2.90625	0	-2.247409	0	
22	N22	2.84375	0	-2.355662	0	
23	N23	-2.90625	0	-2.247409	0	
24	N24	-2.84375	0	-2.355662	0	
25	N25	6.372595	0	3.537659	0	
26	N26	0.122595	0	-7.287659	0	
27	N27	-0.122595	0	-7.287659	0	
28	N28	-6.372595	0	3.537659	0	
29	N29	2.938501	0	-2.410367	0	
30	N30	-2.938501	0	-2.410367	0	
31	N31	-5.766238	0	2.487417	0	
32	N32	-5.641451	0	2.559462	0	
33	N33	-5.568535	0	2.433167	0	
34	N34	-5.714368	0	2.685757	0	
35	N35	-5.183118	0	3.605909	0	
36	N36	-4.891451	0	3.605909	0	
37	N37	-5.037285	0	3.605909	0	
38	N38	-5.037285	0	3.75	0	
39	N39	-0.784855	0	3.640591	0	
40	N40	-3.545272	0	-1.140591	0	
41	N41	-1.045272	0	3.189536	0	
42	N42	-3.284855	0	-0.689536	0	
43	N43	-5.448743	0	3.145833	0	
44	N44	-2.165064	0	1.25	0	
45	N45	-3.399439	0	-1.393182	0	
46	N46	-3.461939	0	-1.284929	0	
47	N47	-0.493189	0	3.640591	0	
48	N48	-0.618189	0	3.640591	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
49	N49	-3.55669	0	-1.339633	0	
50	N50	-0.618189	0	3.75	0	
51	N51	5.037285	0	3.75	0	
52	N52	5.037285	0	3.605909	0	
53	N53	4.891451	0	3.605909	0	
54	N54	5.183118	0	3.605909	0	
55	N55	5.714368	0	2.685757	0	
56	N56	5.568535	0	2.433167	0	
57	N57	5.641451	0	2.559462	0	
58	N58	5.766238	0	2.487417	0	
59	N59	3.545272	0	-1.140591	0	
60	N60	0.784855	0	3.640591	0	
61	N61	3.284855	0	-0.689536	0	
62	N62	1.045272	0	3.189536	0	
63	N63	5.448743	0	3.145833	0	
64	N64	2.165064	0	1.25	0	
65	N65	0.493189	0	3.640591	0	
66	N66	0.618189	0	3.640591	0	
67	N67	3.399439	0	-1.393182	0	
68	N68	3.461939	0	-1.284929	0	
69	N69	0.618189	0	3.75	0	
70	N70	3.55669	0	-1.339633	0	
71	N71	-4.458333	0	3.75	0	
72	N72	-1.75	0	3.75	0	
73	N73	2.75	0	3.75	0	
74	N74	4.75	0	3.75	0	
75	N75	-4.458333	0	4	0	
76	N76	-1.75	0	4	0	
77	N77	2.75	0	4	0	
78	N78	4.75	0	4	0	
79	N79	-4.458333	3.333333	4	0	
80	N80	-1.75	3.333333	4	0	
81	N81	2.75	3.333333	4	0	
82	N82	4.75	3.333333	4	0	
83	N83	-4.458333	-2.666667	4	0	
84	N84	-1.75	-2.666667	4	0	
85	N85	2.75	-2.666667	4	0	
86	N86	4.75	-2.666667	4	0	
87	N87	5.476762	0	1.98603	0	
88	N88	4.122595	0	-0.359456	0	
89	N89	1.872595	0	-4.25657	0	
90	N90	0.872595	0	-5.988621	0	
91	N91	5.693268	0	1.86103	0	
92	N92	4.339102	0	-0.484456	0	
93	N93	2.089102	0	-4.38157	0	
94	N94	1.089102	0	-6.113621	0	
95	N95	5.693268	3.333333	1.86103	0	
96	N96	4.339102	3.333333	-0.484456	0	
97	N97	2.089102	3.333333	-4.38157	0	
98	N98	1.089102	3.333333	-6.113621	0	
99	N99	5.693268	-2.666667	1.86103	0	
100	N100	4.339102	-2.666667	-0.484456	0	
101	N101	2.089102	-2.666667	-4.38157	0	
102	N102	1.089102	-2.666667	-6.113621	0	
103	N103	-1.018429	0	-5.73603	0	
104	N104	-2.372595	0	-3.390544	0	
105	N105	-4.622595	0	0.50657	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
106	N106	-5.622595	0	2.238621	0	
107	N107	-1.234935	0	-5.86103	0	
108	N108	-2.589102	0	-3.515544	0	
109	N109	-4.839102	0	0.38157	0	
110	N110	-5.839102	0	2.113621	0	
111	N111	-1.234935	3.333333	-5.86103	0	
112	N112	-2.589102	3.333333	-3.515544	0	
113	N113	-4.839102	3.333333	0.38157	0	
114	N114	-5.839102	3.333333	2.113621	0	
115	N115	-1.234935	-2.666667	-5.86103	0	
116	N116	-2.589102	-2.666667	-3.515544	0	
117	N117	-4.839102	-2.666667	0.38157	0	
118	N118	-5.839102	-2.666667	2.113621	0	
119	N119	-6.25	3	3.75	0	
120	N120	6.25	3	3.75	0	
121	N121	6.372595	3	3.537659	0	
122	N122	0.122595	3	-7.287659	0	
123	N123	-0.122595	3	-7.287659	0	
124	N124	-6.372595	3	3.537659	0	
125	N125	-4.458333	3	3.75	0	
126	N126	-1.75	3	3.75	0	
127	N127	2.75	3	3.75	0	
128	N128	4.75	3	3.75	0	
129	N129	-4.458333	3	4	0	
130	N130	-1.75	3	4	0	
131	N131	2.75	3	4	0	
132	N132	4.75	3	4	0	
133	N133	5.476762	3	1.98603	0	
134	N134	4.122595	3	-0.359456	0	
135	N135	1.872595	3	-4.25657	0	
136	N136	0.872595	3	-5.988621	0	
137	N137	5.693268	3	1.86103	0	
138	N138	4.339102	3	-0.484456	0	
139	N139	2.089102	3	-4.38157	0	
140	N140	1.089102	3	-6.113621	0	
141	N141	-1.018429	3	-5.73603	0	
142	N142	-2.372595	3	-3.390544	0	
143	N143	-4.622595	3	0.50657	0	
144	N144	-5.622595	3	2.238621	0	
145	N145	-1.234935	3	-5.86103	0	
146	N146	-2.589102	3	-3.515544	0	
147	N147	-4.839102	3	0.38157	0	
148	N148	-5.839102	3	2.113621	0	
149	N149	-3.75	3	3.75	0	
150	N150	3.75	3	3.75	0	
151	N151	-3.75	3	3.5	0	
152	N152	3.75	3	3.5	0	
153	N153	5.122595	3	1.372595	0	
154	N154	1.372595	3	-5.122595	0	
155	N155	4.906089	3	1.497595	0	
156	N156	1.156089	3	-4.997595	0	
157	N157	-1.372595	3	-5.122595	0	
158	N158	-5.122595	3	1.372595	0	
159	N159	-1.156089	3	-4.997595	0	
160	N160	-4.906089	3	1.497595	0	
161	N161	0	0	-4.25	0	
162	N162	0	4	-1.25	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
163	N163	0	.25	-4.25	0	
164	N164	-3.680608	0	2.125	0	
165	N165	-1.082532	4	.625	0	
166	N166	-3.680608	.25	2.125	0	
167	N167	3.680608	0	2.125	0	
168	N168	1.082532	4	.625	0	
169	N169	3.680608	.25	2.125	0	

Hot Rolled Steel Section Sets

	Label	Shape	Type	Design List	Material	Design ...	A [in ²]	I _{yy} [in ⁴]	I _{zz} [in ⁴]	J [in ⁴]
1	Face Horizontal	PIPE 3.0	None	None	A53 Gr.B	Typical	2.07	2.85	2.85	5.69
2	Standoff Horizontal	HSS4X4X4	None	None	A53 Gr.B	Typical	3.37	7.8	7.8	12.8
3	Cross Brace	L3X2.5X3	None	None	A36 Gr.36	Typical	1	.568	.899	.013
4	Grating Support	L3X2.5X3	None	None	A36 Gr.36	Typical	1	.568	.899	.013
5	Corner Plate	PL3/8x6	None	None	A36 Gr.36	Typical	2.25	.026	6.75	.101
6	Cross Brace Plate	PL3/8x6	None	None	A36 Gr.36	Typical	2.25	.026	6.75	.101
7	Mount Pipe	PIPE 2.0	None	None	A53 Gr.B	Typical	1.02	.627	.627	1.25
8	MOD Support Rail	PIPE 2.5	None	None	A53 Gr.B	Typical	1.61	1.45	1.45	2.89
9	MOD Support Rail Cor...	L3X3X4	None	None	A36 Gr.36	Typical	1.44	1.23	1.23	.031
10	MOD Kicker Kit	LL3x3x3x3	None	None	A36 Gr.36	Typical	2.18	4.09	1.9	.027

Hot Rolled Steel Properties

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

Member Primary Data

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
1	M1	N5	N6			Face Horizontal	None	None	A53 Gr.B	Typical
2	M2	N27	N28			Face Horizontal	None	None	A53 Gr.B	Typical
3	M3	N25	N26			Face Horizontal	None	None	A53 Gr.B	Typical
4	M4	N19	N4			Standoff Horiz...	None	None	A53 Gr.B	Typical
5	M5	N43	N2			Standoff Horiz...	None	None	A53 Gr.B	Typical
6	M6	N63	N3			Standoff Horiz...	None	None	A53 Gr.B	Typical
7	M7	N15	N20		90	Cross Brace	None	None	A36 Gr.36	Typical
8	M8	N20	N16		90	Cross Brace	None	None	A36 Gr.36	Typical
9	M9	N39	N44		90	Cross Brace	None	None	A36 Gr.36	Typical
10	M10	N44	N40		90	Cross Brace	None	None	A36 Gr.36	Typical
11	M11	N59	N64		90	Cross Brace	None	None	A36 Gr.36	Typical
12	M12	N64	N60		90	Cross Brace	None	None	A36 Gr.36	Typical
13	M13	N17	N19			Grating Support	None	None	A36 Gr.36	Typical
14	M14	N18	N19		270	Grating Support	None	None	A36 Gr.36	Typical
15	M15	N41	N43			Grating Support	None	None	A36 Gr.36	Typical
16	M16	N42	N43		270	Grating Support	None	None	A36 Gr.36	Typical
17	M17	N61	N63			Grating Support	None	None	A36 Gr.36	Typical
18	M18	N62	N63		270	Grating Support	None	None	A36 Gr.36	Typical
19	M19	N9	N10			Corner Plate	None	None	A36 Gr.36	Typical

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
20	M20	N10	N11			Corner Plate	None	None	A36 Gr.36	Typical
21	M21	N11	N12			Corner Plate	None	None	A36 Gr.36	Typical
22	M22	N33	N34			Corner Plate	None	None	A36 Gr.36	Typical
23	M23	N34	N35			Corner Plate	None	None	A36 Gr.36	Typical
24	M24	N35	N36			Corner Plate	None	None	A36 Gr.36	Typical
25	M25	N53	N54			Corner Plate	None	None	A36 Gr.36	Typical
26	M26	N54	N55			Corner Plate	None	None	A36 Gr.36	Typical
27	M27	N55	N56			Corner Plate	None	None	A36 Gr.36	Typical
28	M28	N16	N21			Cross Brace Pl...	None	None	A36 Gr.36	Typical
29	M29	N15	N23			Cross Brace Pl...	None	None	A36 Gr.36	Typical
30	M30	N40	N45			Cross Brace Pl...	None	None	A36 Gr.36	Typical
31	M31	N39	N47			Cross Brace Pl...	None	None	A36 Gr.36	Typical
32	M32	N60	N65			Cross Brace Pl...	None	None	A36 Gr.36	Typical
33	M33	N59	N67			Cross Brace Pl...	None	None	A36 Gr.36	Typical
34	MP1A	N82	N86			Mount Pipe	None	None	A53 Gr.B	Typical
35	MP2A	N81	N85			Mount Pipe	None	None	A53 Gr.B	Typical
36	MP3A	N80	N84			Mount Pipe	None	None	A53 Gr.B	Typical
37	MP4A	N79	N83			Mount Pipe	None	None	A53 Gr.B	Typical
38	MP1B	N114	N118			Mount Pipe	None	None	A53 Gr.B	Typical
39	MP2B	N113	N117			Mount Pipe	None	None	A53 Gr.B	Typical
40	MP3B	N112	N116			Mount Pipe	None	None	A53 Gr.B	Typical
41	MP4B	N111	N115			Mount Pipe	None	None	A53 Gr.B	Typical
42	MP1C	N98	N102			Mount Pipe	None	None	A53 Gr.B	Typical
43	MP2C	N97	N101			Mount Pipe	None	None	A53 Gr.B	Typical
44	MP3C	N96	N100			Mount Pipe	None	None	A53 Gr.B	Typical
45	MP4C	N95	N99			Mount Pipe	None	None	A53 Gr.B	Typical
46	M46	N7	N8			RIGID	None	None	RIGID	Typical
47	M47	N13	N14			RIGID	None	None	RIGID	Typical
48	M48	N22	N29			RIGID	None	None	RIGID	Typical
49	M49	N24	N30			RIGID	None	None	RIGID	Typical
50	M50	N31	N32			RIGID	None	None	RIGID	Typical
51	M51	N37	N38			RIGID	None	None	RIGID	Typical
52	M52	N46	N49			RIGID	None	None	RIGID	Typical
53	M53	N48	N50			RIGID	None	None	RIGID	Typical
54	M54	N51	N52			RIGID	None	None	RIGID	Typical
55	M55	N57	N58			RIGID	None	None	RIGID	Typical
56	M56	N66	N69			RIGID	None	None	RIGID	Typical
57	M57	N68	N70			RIGID	None	None	RIGID	Typical
58	M58	N74	N78			RIGID	None	None	RIGID	Typical
59	M59	N73	N77			RIGID	None	None	RIGID	Typical
60	M60	N72	N76			RIGID	None	None	RIGID	Typical
61	M61	N71	N75			RIGID	None	None	RIGID	Typical
62	M62	N90	N94			RIGID	None	None	RIGID	Typical
63	M63	N89	N93			RIGID	None	None	RIGID	Typical
64	M64	N88	N92			RIGID	None	None	RIGID	Typical
65	M65	N87	N91			RIGID	None	None	RIGID	Typical
66	M66	N106	N110			RIGID	None	None	RIGID	Typical
67	M67	N105	N109			RIGID	None	None	RIGID	Typical
68	M68	N104	N108			RIGID	None	None	RIGID	Typical
69	M69	N103	N107			RIGID	None	None	RIGID	Typical
70	M70	N119	N120			MOD Support ...	None	None	A53 Gr.B	Typical
71	M71	N123	N124			MOD Support ...	None	None	A53 Gr.B	Typical
72	M72	N121	N122			MOD Support ...	None	None	A53 Gr.B	Typical
73	M73	N128	N132			RIGID	None	None	RIGID	Typical
74	M74	N127	N131			RIGID	None	None	RIGID	Typical
75	M75	N126	N130			RIGID	None	None	RIGID	Typical
76	M76	N125	N129			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
77	M77	N136	N140			RIGID	None	None	RIGID	Typical
78	M78	N135	N139			RIGID	None	None	RIGID	Typical
79	M79	N134	N138			RIGID	None	None	RIGID	Typical
80	M80	N133	N137			RIGID	None	None	RIGID	Typical
81	M81	N144	N148			RIGID	None	None	RIGID	Typical
82	M82	N143	N147			RIGID	None	None	RIGID	Typical
83	M83	N142	N146			RIGID	None	None	RIGID	Typical
84	M84	N141	N145			RIGID	None	None	RIGID	Typical
85	M85	N150	N152			RIGID	None	None	RIGID	Typical
86	M86	N149	N151			RIGID	None	None	RIGID	Typical
87	M89	N154	N156			RIGID	None	None	RIGID	Typical
88	M90	N153	N155			RIGID	None	None	RIGID	Typical
89	M93	N158	N160			RIGID	None	None	RIGID	Typical
90	M94	N157	N159			RIGID	None	None	RIGID	Typical
91	M97	N151	N160		90	MOD Support ...	None	None	A36 Gr.36	Typical
92	M98	N155	N152		90	MOD Support ...	None	None	A36 Gr.36	Typical
93	M99	N159	N156		90	MOD Support ...	None	None	A36 Gr.36	Typical
94	M94A	N161	N163			RIGID	None	None	RIGID	Typical
95	M95	N163	N162			MOD Kicker Kit	None	None	A36 Gr.36	Typical
96	M96	N164	N166			RIGID	None	None	RIGID	Typical
97	M97A	N166	N165			MOD Kicker Kit	None	None	A36 Gr.36	Typical
98	M98A	N167	N169			RIGID	None	None	RIGID	Typical
99	M99A	N169	N168			MOD Kicker Kit	None	None	A36 Gr.36	Typical

Member Advanced Data

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
1	M1						Yes	** NA **			None
2	M2						Yes	** NA **			None
3	M3						Yes	** NA **			None
4	M4						Yes	** NA **			None
5	M5						Yes	** NA **			None
6	M6						Yes	** NA **			None
7	M7						Yes	** NA **			None
8	M8						Yes	** NA **			None
9	M9						Yes	** NA **			None
10	M10						Yes	** NA **			None
11	M11						Yes	** NA **			None
12	M12						Yes	** NA **			None
13	M13	OOOOOX	OOOOOX				Yes	** NA **			None
14	M14	OOOOXO	OOOOXO				Yes	** NA **			None
15	M15	OOOOOX	OOOOOX				Yes	** NA **			None
16	M16	OOOOXO	OOOOXO				Yes	** NA **			None
17	M17	OOOOOX	OOOOOX				Yes	** NA **			None
18	M18	OOOOXO	OOOOXO				Yes	** NA **			None
19	M19						Yes	** NA **			None
20	M20						Yes	** NA **			None
21	M21						Yes	** NA **			None
22	M22						Yes	** NA **			None
23	M23						Yes	** NA **			None
24	M24						Yes	** NA **			None
25	M25						Yes	** NA **			None
26	M26						Yes	** NA **			None
27	M27						Yes	** NA **			None
28	M28						Yes	** NA **			None
29	M29						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...
30	M30						Yes	** NA **			None
31	M31						Yes	** NA **			None
32	M32						Yes	** NA **			None
33	M33						Yes	** NA **			None
34	MP1A						Yes	** NA **			None
35	MP2A						Yes	** NA **			None
36	MP3A						Yes	** NA **			None
37	MP4A						Yes	** NA **			None
38	MP1B						Yes	** NA **			None
39	MP2B						Yes	** NA **			None
40	MP3B						Yes	** NA **			None
41	MP4B						Yes	** NA **			None
42	MP1C						Yes	** NA **			None
43	MP2C						Yes	** NA **			None
44	MP3C						Yes	** NA **			None
45	MP4C						Yes	** NA **			None
46	M46	BenPIN					Yes	** NA **			None
47	M47		BenPIN				Yes	** NA **			None
48	M48		BenPIN				Yes	** NA **			None
49	M49		BenPIN				Yes	** NA **			None
50	M50	BenPIN					Yes	** NA **			None
51	M51		BenPIN				Yes	** NA **			None
52	M52		BenPIN				Yes	** NA **			None
53	M53		BenPIN				Yes	** NA **			None
54	M54	BenPIN					Yes	** NA **			None
55	M55		BenPIN				Yes	** NA **			None
56	M56		BenPIN				Yes	** NA **			None
57	M57		BenPIN				Yes	** NA **			None
58	M58						Yes	** NA **			None
59	M59						Yes	** NA **			None
60	M60						Yes	** NA **			None
61	M61						Yes	** NA **			None
62	M62						Yes	** NA **			None
63	M63						Yes	** NA **			None
64	M64						Yes	** NA **			None
65	M65						Yes	** NA **			None
66	M66						Yes	** NA **			None
67	M67						Yes	** NA **			None
68	M68						Yes	** NA **			None
69	M69						Yes	** NA **			None
70	M70						Yes	** NA **			None
71	M71						Yes	** NA **			None
72	M72						Yes	** NA **			None
73	M73						Yes	** NA **			None
74	M74						Yes	** NA **			None
75	M75						Yes	** NA **			None
76	M76						Yes	** NA **			None
77	M77						Yes	** NA **			None
78	M78						Yes	** NA **			None
79	M79						Yes	** NA **			None
80	M80						Yes	** NA **			None
81	M81						Yes	** NA **			None
82	M82						Yes	** NA **			None
83	M83						Yes	** NA **			None
84	M84						Yes	** NA **			None
85	M85	OOOOOX					Yes	** NA **			None
86	M86	OOOOOX					Yes	** NA **			None

Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat..	Analysis ...	Inactive	Seismic...
87	M89	OOOOOX					Yes	** NA **			None
88	M90	OOOOOX					Yes	** NA **			None
89	M93	OOOOOX					Yes	** NA **			None
90	M94	OOOOOX					Yes	** NA **			None
91	M97						Yes	** NA **			None
92	M98						Yes	** NA **			None
93	M99						Yes	** NA **			None
94	M94A						Yes	** NA **			None
95	M95	BenPIN					Yes	** NA **			None
96	M96						Yes	** NA **			None
97	M97A	BenPIN					Yes	** NA **			None
98	M98A						Yes	** NA **			None
99	M99A	BenPIN					Yes	** NA **			None

Member Point Loads (BLC 1 : Antenna D)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	M72	Y	-17.6	8.5
2	M72	My	.004	8.5
3	M72	Mz	0	8.5
4	M72	Y	-17.6	8.5
5	M72	My	-.002	8.5
6	M72	Mz	-.004	8.5
7	MP1A	Y	-43.55	1.75
8	MP1A	My	-.022	1.75
9	MP1A	Mz	0	1.75
10	MP1A	Y	-43.55	3.75
11	MP1A	My	-.022	3.75
12	MP1A	Mz	0	3.75
13	MP1B	Y	-43.55	1.75
14	MP1B	My	.011	1.75
15	MP1B	Mz	-.019	1.75
16	MP1B	Y	-43.55	3.75
17	MP1B	My	.011	3.75
18	MP1B	Mz	-.019	3.75
19	MP1C	Y	-43.55	1.75
20	MP1C	My	.011	1.75
21	MP1C	Mz	.019	1.75
22	MP1C	Y	-43.55	3.75
23	MP1C	My	.011	3.75
24	MP1C	Mz	.019	3.75
25	MP4A	Y	-9	.25
26	MP4A	My	-.004	.25
27	MP4A	Mz	0	.25
28	MP4A	Y	-9	5.25
29	MP4A	My	-.004	5.25
30	MP4A	Mz	0	5.25
31	MP4C	Y	-9	.25
32	MP4C	My	.002	.25
33	MP4C	Mz	.004	.25
34	MP4C	Y	-9	5.25
35	MP4C	My	.002	5.25
36	MP4C	Mz	.004	5.25
37	MP4B	Y	-9	.25
38	MP4B	My	.002	.25
39	MP4B	Mz	-.004	.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
40	MP4B	Y	-9	5.25
41	MP4B	My	.002	5.25
42	MP4B	Mz	-.004	5.25
43	MP2A	Y	-21.85	.25
44	MP2A	My	-.011	.25
45	MP2A	Mz	.014	.25
46	MP2A	Y	-21.85	5.25
47	MP2A	My	-.011	5.25
48	MP2A	Mz	.014	5.25
49	MP2B	Y	-21.85	.25
50	MP2B	My	-.006	.25
51	MP2B	Mz	-.016	.25
52	MP2B	Y	-21.85	5.25
53	MP2B	My	-.006	5.25
54	MP2B	Mz	-.016	5.25
55	MP2C	Y	-21.85	.25
56	MP2C	My	.017	.25
57	MP2C	Mz	.003	.25
58	MP2C	Y	-21.85	5.25
59	MP2C	My	.017	5.25
60	MP2C	Mz	.003	5.25
61	MP2A	Y	-21.85	.25
62	MP2A	My	-.011	.25
63	MP2A	Mz	-.014	.25
64	MP2A	Y	-21.85	5.25
65	MP2A	My	-.011	5.25
66	MP2A	Mz	-.014	5.25
67	MP2B	Y	-21.85	.25
68	MP2B	My	.017	.25
69	MP2B	Mz	-.003	.25
70	MP2B	Y	-21.85	5.25
71	MP2B	My	.017	5.25
72	MP2B	Mz	-.003	5.25
73	MP2C	Y	-21.85	.25
74	MP2C	My	-.006	.25
75	MP2C	Mz	.016	.25
76	MP2C	Y	-21.85	5.25
77	MP2C	My	-.006	5.25
78	MP2C	Mz	.016	5.25
79	MP2A	Y	-84.4	2
80	MP2A	My	.042	2
81	MP2A	Mz	0	2
82	MP2B	Y	-84.4	2
83	MP2B	My	-.021	2
84	MP2B	Mz	.037	2
85	MP2C	Y	-84.4	2
86	MP2C	My	-.021	2
87	MP2C	Mz	-.037	2
88	MP3A	Y	-70.3	2
89	MP3A	My	.035	2
90	MP3A	Mz	0	2
91	MP3B	Y	-70.3	2
92	MP3B	My	-.018	2
93	MP3B	Mz	.03	2
94	MP3C	Y	-70.3	2
95	MP3C	My	-.018	2
96	MP3C	Mz	-.03	2

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
97	MP3A	Y	-18.7	4.5
98	MP3A	My	.009	4.5
99	MP3A	Mz	0	4.5
100	MP3B	Y	-18.7	4.5
101	MP3B	My	-.005	4.5
102	MP3B	Mz	.008	4.5
103	MP3C	Y	-18.7	4.5
104	MP3C	My	-.005	4.5
105	MP3C	Mz	-.008	4.5

Member Point Loads (BLC 2 : Antenna Di)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	M72	Y	6.6	8.5
2	M72	My	-.002	8.5
3	M72	Mz	0	8.5
4	M72	Y	6.6	8.5
5	M72	My	.000825	8.5
6	M72	Mz	.001	8.5
7	MP1A	Y	-55.815	1.75
8	MP1A	My	-.028	1.75
9	MP1A	Mz	0	1.75
10	MP1A	Y	-55.815	3.75
11	MP1A	My	-.028	3.75
12	MP1A	Mz	0	3.75
13	MP1B	Y	-55.815	1.75
14	MP1B	My	.014	1.75
15	MP1B	Mz	-.024	1.75
16	MP1B	Y	-55.815	3.75
17	MP1B	My	.014	3.75
18	MP1B	Mz	-.024	3.75
19	MP1C	Y	-55.815	1.75
20	MP1C	My	.014	1.75
21	MP1C	Mz	.024	1.75
22	MP1C	Y	-55.815	3.75
23	MP1C	My	.014	3.75
24	MP1C	Mz	.024	3.75
25	MP4A	Y	-70.43	.25
26	MP4A	My	-.035	.25
27	MP4A	Mz	0	.25
28	MP4A	Y	-70.43	5.25
29	MP4A	My	-.035	5.25
30	MP4A	Mz	0	5.25
31	MP4C	Y	-70.43	.25
32	MP4C	My	.018	.25
33	MP4C	Mz	.03	.25
34	MP4C	Y	-70.43	5.25
35	MP4C	My	.018	5.25
36	MP4C	Mz	.03	5.25
37	MP4B	Y	-70.43	.25
38	MP4B	My	.018	.25
39	MP4B	Mz	-.03	.25
40	MP4B	Y	-70.43	5.25
41	MP4B	My	.018	5.25
42	MP4B	Mz	-.03	5.25
43	MP2A	Y	-94.568	.25
44	MP2A	My	-.047	.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
45	MP2A	Mz	.059	.25
46	MP2A	Y	-94.568	5.25
47	MP2A	My	-.047	5.25
48	MP2A	Mz	.059	5.25
49	MP2B	Y	-94.568	.25
50	MP2B	My	-.028	.25
51	MP2B	Mz	-.071	.25
52	MP2B	Y	-94.568	5.25
53	MP2B	My	-.028	5.25
54	MP2B	Mz	-.071	5.25
55	MP2C	Y	-94.568	.25
56	MP2C	My	.075	.25
57	MP2C	Mz	.011	.25
58	MP2C	Y	-94.568	5.25
59	MP2C	My	.075	5.25
60	MP2C	Mz	.011	5.25
61	MP2A	Y	-94.568	.25
62	MP2A	My	-.047	.25
63	MP2A	Mz	-.059	.25
64	MP2A	Y	-94.568	5.25
65	MP2A	My	-.047	5.25
66	MP2A	Mz	-.059	5.25
67	MP2B	Y	-94.568	.25
68	MP2B	My	.075	.25
69	MP2B	Mz	-.011	.25
70	MP2B	Y	-94.568	5.25
71	MP2B	My	.075	5.25
72	MP2B	Mz	-.011	5.25
73	MP2C	Y	-94.568	.25
74	MP2C	My	-.028	.25
75	MP2C	Mz	.071	.25
76	MP2C	Y	-94.568	5.25
77	MP2C	My	-.028	5.25
78	MP2C	Mz	.071	5.25
79	MP2A	Y	-70.922	2
80	MP2A	My	.035	2
81	MP2A	Mz	0	2
82	MP2B	Y	-70.922	2
83	MP2B	My	-.018	2
84	MP2B	Mz	.031	2
85	MP2C	Y	-70.922	2
86	MP2C	My	-.018	2
87	MP2C	Mz	-.031	2
88	MP3A	Y	-64.026	2
89	MP3A	My	.032	2
90	MP3A	Mz	0	2
91	MP3B	Y	-64.026	2
92	MP3B	My	-.016	2
93	MP3B	Mz	.028	2
94	MP3C	Y	-64.026	2
95	MP3C	My	-.016	2
96	MP3C	Mz	-.028	2
97	MP3A	Y	-32.423	4.5
98	MP3A	My	.016	4.5
99	MP3A	Mz	0	4.5
100	MP3B	Y	-32.423	4.5
101	MP3B	My	-.008	4.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
102	MP3B	Mz	.014	4.5
103	MP3C	Y	-32.423	4.5
104	MP3C	My	-.008	4.5
105	MP3C	Mz	-.014	4.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	M72	X	0	8.5
2	M72	Z	-39.867	8.5
3	M72	Mx	0	8.5
4	M72	X	0	8.5
5	M72	Z	-19.036	8.5
6	M72	Mx	.004	8.5
7	MP1A	X	0	1.75
8	MP1A	Z	-81.396	1.75
9	MP1A	Mx	0	1.75
10	MP1A	X	0	3.75
11	MP1A	Z	-81.396	3.75
12	MP1A	Mx	0	3.75
13	MP1B	X	0	1.75
14	MP1B	Z	-41.373	1.75
15	MP1B	Mx	.018	1.75
16	MP1B	X	0	3.75
17	MP1B	Z	-41.373	3.75
18	MP1B	Mx	.018	3.75
19	MP1C	X	0	1.75
20	MP1C	Z	-41.373	1.75
21	MP1C	Mx	-.018	1.75
22	MP1C	X	0	3.75
23	MP1C	Z	-41.373	3.75
24	MP1C	Mx	-.018	3.75
25	MP4A	X	0	.25
26	MP4A	Z	-119.602	.25
27	MP4A	Mx	0	.25
28	MP4A	X	0	5.25
29	MP4A	Z	-119.602	5.25
30	MP4A	Mx	0	5.25
31	MP4C	X	0	.25
32	MP4C	Z	-100.926	.25
33	MP4C	Mx	-.044	.25
34	MP4C	X	0	5.25
35	MP4C	Z	-100.926	5.25
36	MP4C	Mx	-.044	5.25
37	MP4B	X	0	.25
38	MP4B	Z	-100.926	.25
39	MP4B	Mx	.044	.25
40	MP4B	X	0	5.25
41	MP4B	Z	-100.926	5.25
42	MP4B	Mx	.044	5.25
43	MP2A	X	0	.25
44	MP2A	Z	-112.75	.25
45	MP2A	Mx	-.07	.25
46	MP2A	X	0	5.25
47	MP2A	Z	-112.75	5.25
48	MP2A	Mx	-.07	5.25
49	MP2B	X	0	.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
50	MP2B	Z	-64.473	.25
51	MP2B	Mx	.048	.25
52	MP2B	X	0	5.25
53	MP2B	Z	-64.473	5.25
54	MP2B	Mx	.048	5.25
55	MP2C	X	0	.25
56	MP2C	Z	-64.473	.25
57	MP2C	Mx	-.008	.25
58	MP2C	X	0	5.25
59	MP2C	Z	-64.473	5.25
60	MP2C	Mx	-.008	5.25
61	MP2A	X	0	.25
62	MP2A	Z	-112.75	.25
63	MP2A	Mx	.07	.25
64	MP2A	X	0	5.25
65	MP2A	Z	-112.75	5.25
66	MP2A	Mx	.07	5.25
67	MP2B	X	0	.25
68	MP2B	Z	-64.473	.25
69	MP2B	Mx	.008	.25
70	MP2B	X	0	5.25
71	MP2B	Z	-64.473	5.25
72	MP2B	Mx	.008	5.25
73	MP2C	X	0	.25
74	MP2C	Z	-64.473	.25
75	MP2C	Mx	-.048	.25
76	MP2C	X	0	5.25
77	MP2C	Z	-64.473	5.25
78	MP2C	Mx	-.048	5.25
79	MP2A	X	0	2
80	MP2A	Z	-64.369	2
81	MP2A	Mx	0	2
82	MP2B	X	0	2
83	MP2B	Z	-48.484	2
84	MP2B	Mx	-.021	2
85	MP2C	X	0	2
86	MP2C	Z	-48.484	2
87	MP2C	Mx	.021	2
88	MP3A	X	0	2
89	MP3A	Z	-64.369	2
90	MP3A	Mx	0	2
91	MP3B	X	0	2
92	MP3B	Z	-42.567	2
93	MP3B	Mx	-.018	2
94	MP3C	X	0	2
95	MP3C	Z	-42.567	2
96	MP3C	Mx	.018	2
97	MP3A	X	0	4.5
98	MP3A	Z	-29.9	4.5
99	MP3A	Mx	0	4.5
100	MP3B	X	0	4.5
101	MP3B	Z	-18.065	4.5
102	MP3B	Mx	-.008	4.5
103	MP3C	X	0	4.5
104	MP3C	Z	-18.065	4.5
105	MP3C	Mx	.008	4.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	M72	X	16.462	8.5
2	M72	Z	-28.513	8.5
3	M72	Mx	.004	8.5
4	M72	X	16.462	8.5
5	M72	Z	-28.513	8.5
6	M72	Mx	.004	8.5
7	MP1A	X	34.027	1.75
8	MP1A	Z	-58.937	1.75
9	MP1A	Mx	-.017	1.75
10	MP1A	X	34.027	3.75
11	MP1A	Z	-58.937	3.75
12	MP1A	Mx	-.017	3.75
13	MP1B	X	14.016	1.75
14	MP1B	Z	-24.276	1.75
15	MP1B	Mx	.014	1.75
16	MP1B	X	14.016	3.75
17	MP1B	Z	-24.276	3.75
18	MP1B	Mx	.014	3.75
19	MP1C	X	34.027	1.75
20	MP1C	Z	-58.937	1.75
21	MP1C	Mx	-.017	1.75
22	MP1C	X	34.027	3.75
23	MP1C	Z	-58.937	3.75
24	MP1C	Mx	-.017	3.75
25	MP4A	X	56.688	.25
26	MP4A	Z	-98.187	.25
27	MP4A	Mx	-.028	.25
28	MP4A	X	56.688	5.25
29	MP4A	Z	-98.187	5.25
30	MP4A	Mx	-.028	5.25
31	MP4C	X	56.688	.25
32	MP4C	Z	-98.187	.25
33	MP4C	Mx	-.028	.25
34	MP4C	X	56.688	5.25
35	MP4C	Z	-98.187	5.25
36	MP4C	Mx	-.028	5.25
37	MP4B	X	47.35	.25
38	MP4B	Z	-82.013	.25
39	MP4B	Mx	.047	.25
40	MP4B	X	47.35	5.25
41	MP4B	Z	-82.013	5.25
42	MP4B	Mx	.047	5.25
43	MP2A	X	48.329	.25
44	MP2A	Z	-83.708	.25
45	MP2A	Mx	-.076	.25
46	MP2A	X	48.329	5.25
47	MP2A	Z	-83.708	5.25
48	MP2A	Mx	-.076	5.25
49	MP2B	X	24.19	.25
50	MP2B	Z	-41.899	.25
51	MP2B	Mx	.024	.25
52	MP2B	X	24.19	5.25
53	MP2B	Z	-41.899	5.25
54	MP2B	Mx	.024	5.25
55	MP2C	X	48.329	.25
56	MP2C	Z	-83.708	.25
57	MP2C	Mx	.028	.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
58	MP2C	X	48.329	5.25
59	MP2C	Z	-83.708	5.25
60	MP2C	Mx	.028	5.25
61	MP2A	X	48.329	.25
62	MP2A	Z	-83.708	.25
63	MP2A	Mx	.028	.25
64	MP2A	X	48.329	5.25
65	MP2A	Z	-83.708	5.25
66	MP2A	Mx	.028	5.25
67	MP2B	X	24.19	.25
68	MP2B	Z	-41.899	.25
69	MP2B	Mx	.024	.25
70	MP2B	X	24.19	5.25
71	MP2B	Z	-41.899	5.25
72	MP2B	Mx	.024	5.25
73	MP2C	X	48.329	.25
74	MP2C	Z	-83.708	.25
75	MP2C	Mx	-.076	.25
76	MP2C	X	48.329	5.25
77	MP2C	Z	-83.708	5.25
78	MP2C	Mx	-.076	5.25
79	MP2A	X	29.537	2
80	MP2A	Z	-51.16	2
81	MP2A	Mx	.015	2
82	MP2B	X	21.595	2
83	MP2B	Z	-37.403	2
84	MP2B	Mx	-.022	2
85	MP2C	X	29.537	2
86	MP2C	Z	-51.16	2
87	MP2C	Mx	.015	2
88	MP3A	X	28.551	2
89	MP3A	Z	-49.451	2
90	MP3A	Mx	.014	2
91	MP3B	X	17.65	2
92	MP3B	Z	-30.57	2
93	MP3B	Mx	-.018	2
94	MP3C	X	28.551	2
95	MP3C	Z	-49.451	2
96	MP3C	Mx	.014	2
97	MP3A	X	12.978	4.5
98	MP3A	Z	-22.478	4.5
99	MP3A	Mx	.006	4.5
100	MP3B	X	7.06	4.5
101	MP3B	Z	-12.228	4.5
102	MP3B	Mx	-.007	4.5
103	MP3C	X	12.978	4.5
104	MP3C	Z	-22.478	4.5
105	MP3C	Mx	.006	4.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	M72	X	16.485	8.5
2	M72	Z	-9.518	8.5
3	M72	Mx	.004	8.5
4	M72	X	34.526	8.5
5	M72	Z	-19.934	8.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
6	M72	Mx	0	8.5
7	MP1A	X	35.83	1.75
8	MP1A	Z	-20.686	1.75
9	MP1A	Mx	-.018	1.75
10	MP1A	X	35.83	3.75
11	MP1A	Z	-20.686	3.75
12	MP1A	Mx	-.018	3.75
13	MP1B	X	35.83	1.75
14	MP1B	Z	-20.686	1.75
15	MP1B	Mx	.018	1.75
16	MP1B	X	35.83	3.75
17	MP1B	Z	-20.686	3.75
18	MP1B	Mx	.018	3.75
19	MP1C	X	70.491	1.75
20	MP1C	Z	-40.698	1.75
21	MP1C	Mx	0	1.75
22	MP1C	X	70.491	3.75
23	MP1C	Z	-40.698	3.75
24	MP1C	Mx	0	3.75
25	MP4A	X	87.404	.25
26	MP4A	Z	-50.463	.25
27	MP4A	Mx	-.044	.25
28	MP4A	X	87.404	5.25
29	MP4A	Z	-50.463	5.25
30	MP4A	Mx	-.044	5.25
31	MP4C	X	103.578	.25
32	MP4C	Z	-59.801	.25
33	MP4C	Mx	0	.25
34	MP4C	X	103.578	5.25
35	MP4C	Z	-59.801	5.25
36	MP4C	Mx	0	5.25
37	MP4B	X	87.404	.25
38	MP4B	Z	-50.463	.25
39	MP4B	Mx	.044	.25
40	MP4B	X	87.404	5.25
41	MP4B	Z	-50.463	5.25
42	MP4B	Mx	.044	5.25
43	MP2A	X	55.835	.25
44	MP2A	Z	-32.236	.25
45	MP2A	Mx	-.048	.25
46	MP2A	X	55.835	5.25
47	MP2A	Z	-32.236	5.25
48	MP2A	Mx	-.048	5.25
49	MP2B	X	55.835	.25
50	MP2B	Z	-32.236	.25
51	MP2B	Mx	.008	.25
52	MP2B	X	55.835	5.25
53	MP2B	Z	-32.236	5.25
54	MP2B	Mx	.008	5.25
55	MP2C	X	97.644	.25
56	MP2C	Z	-56.375	.25
57	MP2C	Mx	.07	.25
58	MP2C	X	97.644	5.25
59	MP2C	Z	-56.375	5.25
60	MP2C	Mx	.07	5.25
61	MP2A	X	55.835	.25
62	MP2A	Z	-32.236	.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
63	MP2A	Mx	-.008	.25
64	MP2A	X	55.835	5.25
65	MP2A	Z	-32.236	5.25
66	MP2A	Mx	-.008	5.25
67	MP2B	X	55.835	.25
68	MP2B	Z	-32.236	.25
69	MP2B	Mx	.048	.25
70	MP2B	X	55.835	5.25
71	MP2B	Z	-32.236	5.25
72	MP2B	Mx	.048	5.25
73	MP2C	X	97.644	.25
74	MP2C	Z	-56.375	.25
75	MP2C	Mx	-.07	.25
76	MP2C	X	97.644	5.25
77	MP2C	Z	-56.375	5.25
78	MP2C	Mx	-.07	5.25
79	MP2A	X	41.989	2
80	MP2A	Z	-24.242	2
81	MP2A	Mx	.021	2
82	MP2B	X	41.989	2
83	MP2B	Z	-24.242	2
84	MP2B	Mx	-.021	2
85	MP2C	X	55.745	2
86	MP2C	Z	-32.185	2
87	MP2C	Mx	0	2
88	MP3A	X	36.864	2
89	MP3A	Z	-21.283	2
90	MP3A	Mx	.018	2
91	MP3B	X	36.864	2
92	MP3B	Z	-21.283	2
93	MP3B	Mx	-.018	2
94	MP3C	X	55.745	2
95	MP3C	Z	-32.185	2
96	MP3C	Mx	0	2
97	MP3A	X	15.645	4.5
98	MP3A	Z	-9.032	4.5
99	MP3A	Mx	.008	4.5
100	MP3B	X	15.645	4.5
101	MP3B	Z	-9.032	4.5
102	MP3B	Mx	-.008	4.5
103	MP3C	X	25.895	4.5
104	MP3C	Z	-14.95	4.5
105	MP3C	Mx	0	4.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	M72	X	12.092	8.5
2	M72	Z	0	8.5
3	M72	Mx	.003	8.5
4	M72	X	32.923	8.5
5	M72	Z	0	8.5
6	M72	Mx	-.004	8.5
7	MP1A	X	28.032	1.75
8	MP1A	Z	0	1.75
9	MP1A	Mx	-.014	1.75
10	MP1A	X	28.032	3.75

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
11	MP1A	Z	0	3.75
12	MP1A	Mx	-.014	3.75
13	MP1B	X	68.055	1.75
14	MP1B	Z	0	1.75
15	MP1B	Mx	.017	1.75
16	MP1B	X	68.055	3.75
17	MP1B	Z	0	3.75
18	MP1B	Mx	.017	3.75
19	MP1C	X	68.055	1.75
20	MP1C	Z	0	1.75
21	MP1C	Mx	.017	1.75
22	MP1C	X	68.055	3.75
23	MP1C	Z	0	3.75
24	MP1C	Mx	.017	3.75
25	MP4A	X	94.701	.25
26	MP4A	Z	0	.25
27	MP4A	Mx	-.047	.25
28	MP4A	X	94.701	5.25
29	MP4A	Z	0	5.25
30	MP4A	Mx	-.047	5.25
31	MP4C	X	113.377	.25
32	MP4C	Z	0	.25
33	MP4C	Mx	.028	.25
34	MP4C	X	113.377	5.25
35	MP4C	Z	0	5.25
36	MP4C	Mx	.028	5.25
37	MP4B	X	113.377	.25
38	MP4B	Z	0	.25
39	MP4B	Mx	.028	.25
40	MP4B	X	113.377	5.25
41	MP4B	Z	0	5.25
42	MP4B	Mx	.028	5.25
43	MP2A	X	48.381	.25
44	MP2A	Z	0	.25
45	MP2A	Mx	-.024	.25
46	MP2A	X	48.381	5.25
47	MP2A	Z	0	5.25
48	MP2A	Mx	-.024	5.25
49	MP2B	X	96.657	.25
50	MP2B	Z	0	.25
51	MP2B	Mx	-.028	.25
52	MP2B	X	96.657	5.25
53	MP2B	Z	0	5.25
54	MP2B	Mx	-.028	5.25
55	MP2C	X	96.657	.25
56	MP2C	Z	0	.25
57	MP2C	Mx	.076	.25
58	MP2C	X	96.657	5.25
59	MP2C	Z	0	5.25
60	MP2C	Mx	.076	5.25
61	MP2A	X	48.381	.25
62	MP2A	Z	0	.25
63	MP2A	Mx	-.024	.25
64	MP2A	X	48.381	5.25
65	MP2A	Z	0	5.25
66	MP2A	Mx	-.024	5.25
67	MP2B	X	96.657	.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
68	MP2B	Z	0	.25
69	MP2B	Mx	.076	.25
70	MP2B	X	96.657	5.25
71	MP2B	Z	0	5.25
72	MP2B	Mx	.076	5.25
73	MP2C	X	96.657	.25
74	MP2C	Z	0	.25
75	MP2C	Mx	-.028	.25
76	MP2C	X	96.657	5.25
77	MP2C	Z	0	5.25
78	MP2C	Mx	-.028	5.25
79	MP2A	X	43.19	2
80	MP2A	Z	0	2
81	MP2A	Mx	.022	2
82	MP2B	X	59.074	2
83	MP2B	Z	0	2
84	MP2B	Mx	-.015	2
85	MP2C	X	59.074	2
86	MP2C	Z	0	2
87	MP2C	Mx	-.015	2
88	MP3A	X	35.299	2
89	MP3A	Z	0	2
90	MP3A	Mx	.018	2
91	MP3B	X	57.102	2
92	MP3B	Z	0	2
93	MP3B	Mx	-.014	2
94	MP3C	X	57.102	2
95	MP3C	Z	0	2
96	MP3C	Mx	-.014	2
97	MP3A	X	14.12	4.5
98	MP3A	Z	0	4.5
99	MP3A	Mx	.007	4.5
100	MP3B	X	25.955	4.5
101	MP3B	Z	0	4.5
102	MP3B	Mx	-.006	4.5
103	MP3C	X	25.955	4.5
104	MP3C	Z	0	4.5
105	MP3C	Mx	-.006	4.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	M72	X	16.485	8.5
2	M72	Z	9.518	8.5
3	M72	Mx	.004	8.5
4	M72	X	16.485	8.5
5	M72	Z	9.518	8.5
6	M72	Mx	-.004	8.5
7	MP1A	X	35.83	1.75
8	MP1A	Z	20.686	1.75
9	MP1A	Mx	-.018	1.75
10	MP1A	X	35.83	3.75
11	MP1A	Z	20.686	3.75
12	MP1A	Mx	-.018	3.75
13	MP1B	X	70.491	1.75
14	MP1B	Z	40.698	1.75
15	MP1B	Mx	0	1.75

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
16	MP1B	X	70.491	3.75
17	MP1B	Z	40.698	3.75
18	MP1B	Mx	0	3.75
19	MP1C	X	35.83	1.75
20	MP1C	Z	20.686	1.75
21	MP1C	Mx	.018	1.75
22	MP1C	X	35.83	3.75
23	MP1C	Z	20.686	3.75
24	MP1C	Mx	.018	3.75
25	MP4A	X	87.404	.25
26	MP4A	Z	50.463	.25
27	MP4A	Mx	-.044	.25
28	MP4A	X	87.404	5.25
29	MP4A	Z	50.463	5.25
30	MP4A	Mx	-.044	5.25
31	MP4C	X	87.404	.25
32	MP4C	Z	50.463	.25
33	MP4C	Mx	.044	.25
34	MP4C	X	87.404	5.25
35	MP4C	Z	50.463	5.25
36	MP4C	Mx	.044	5.25
37	MP4B	X	103.578	.25
38	MP4B	Z	59.801	.25
39	MP4B	Mx	0	.25
40	MP4B	X	103.578	5.25
41	MP4B	Z	59.801	5.25
42	MP4B	Mx	0	5.25
43	MP2A	X	55.835	.25
44	MP2A	Z	32.236	.25
45	MP2A	Mx	-.008	.25
46	MP2A	X	55.835	5.25
47	MP2A	Z	32.236	5.25
48	MP2A	Mx	-.008	5.25
49	MP2B	X	97.644	.25
50	MP2B	Z	56.375	.25
51	MP2B	Mx	-.07	.25
52	MP2B	X	97.644	5.25
53	MP2B	Z	56.375	5.25
54	MP2B	Mx	-.07	5.25
55	MP2C	X	55.835	.25
56	MP2C	Z	32.236	.25
57	MP2C	Mx	.048	.25
58	MP2C	X	55.835	5.25
59	MP2C	Z	32.236	5.25
60	MP2C	Mx	.048	5.25
61	MP2A	X	55.835	.25
62	MP2A	Z	32.236	.25
63	MP2A	Mx	-.048	.25
64	MP2A	X	55.835	5.25
65	MP2A	Z	32.236	5.25
66	MP2A	Mx	-.048	5.25
67	MP2B	X	97.644	.25
68	MP2B	Z	56.375	.25
69	MP2B	Mx	.07	.25
70	MP2B	X	97.644	5.25
71	MP2B	Z	56.375	5.25
72	MP2B	Mx	.07	5.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
73	MP2C	X	55.835	.25
74	MP2C	Z	32.236	.25
75	MP2C	Mx	.008	.25
76	MP2C	X	55.835	5.25
77	MP2C	Z	32.236	5.25
78	MP2C	Mx	.008	5.25
79	MP2A	X	41.989	2
80	MP2A	Z	24.242	2
81	MP2A	Mx	.021	2
82	MP2B	X	55.745	2
83	MP2B	Z	32.185	2
84	MP2B	Mx	0	2
85	MP2C	X	41.989	2
86	MP2C	Z	24.242	2
87	MP2C	Mx	-.021	2
88	MP3A	X	36.864	2
89	MP3A	Z	21.283	2
90	MP3A	Mx	.018	2
91	MP3B	X	55.745	2
92	MP3B	Z	32.185	2
93	MP3B	Mx	0	2
94	MP3C	X	36.864	2
95	MP3C	Z	21.283	2
96	MP3C	Mx	-.018	2
97	MP3A	X	15.645	4.5
98	MP3A	Z	9.032	4.5
99	MP3A	Mx	.008	4.5
100	MP3B	X	25.895	4.5
101	MP3B	Z	14.95	4.5
102	MP3B	Mx	0	4.5
103	MP3C	X	15.645	4.5
104	MP3C	Z	9.032	4.5
105	MP3C	Mx	-.008	4.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	M72	X	16.462	8.5
2	M72	Z	28.513	8.5
3	M72	Mx	.004	8.5
4	M72	X	6.046	8.5
5	M72	Z	10.472	8.5
6	M72	Mx	-.003	8.5
7	MP1A	X	34.027	1.75
8	MP1A	Z	58.937	1.75
9	MP1A	Mx	-.017	1.75
10	MP1A	X	34.027	3.75
11	MP1A	Z	58.937	3.75
12	MP1A	Mx	-.017	3.75
13	MP1B	X	34.027	1.75
14	MP1B	Z	58.937	1.75
15	MP1B	Mx	-.017	1.75
16	MP1B	X	34.027	3.75
17	MP1B	Z	58.937	3.75
18	MP1B	Mx	-.017	3.75
19	MP1C	X	14.016	1.75
20	MP1C	Z	24.276	1.75

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
21	MP1C	Mx	.014	1.75
22	MP1C	X	14.016	3.75
23	MP1C	Z	24.276	3.75
24	MP1C	Mx	.014	3.75
25	MP4A	X	56.688	.25
26	MP4A	Z	98.187	.25
27	MP4A	Mx	-.028	.25
28	MP4A	X	56.688	5.25
29	MP4A	Z	98.187	5.25
30	MP4A	Mx	-.028	5.25
31	MP4C	X	47.35	.25
32	MP4C	Z	82.013	.25
33	MP4C	Mx	.047	.25
34	MP4C	X	47.35	5.25
35	MP4C	Z	82.013	5.25
36	MP4C	Mx	.047	5.25
37	MP4B	X	56.688	.25
38	MP4B	Z	98.187	.25
39	MP4B	Mx	-.028	.25
40	MP4B	X	56.688	5.25
41	MP4B	Z	98.187	5.25
42	MP4B	Mx	-.028	5.25
43	MP2A	X	48.329	.25
44	MP2A	Z	83.708	.25
45	MP2A	Mx	.028	.25
46	MP2A	X	48.329	5.25
47	MP2A	Z	83.708	5.25
48	MP2A	Mx	.028	5.25
49	MP2B	X	48.329	.25
50	MP2B	Z	83.708	.25
51	MP2B	Mx	-.076	.25
52	MP2B	X	48.329	5.25
53	MP2B	Z	83.708	5.25
54	MP2B	Mx	-.076	5.25
55	MP2C	X	24.19	.25
56	MP2C	Z	41.899	.25
57	MP2C	Mx	.024	.25
58	MP2C	X	24.19	5.25
59	MP2C	Z	41.899	5.25
60	MP2C	Mx	.024	5.25
61	MP2A	X	48.329	.25
62	MP2A	Z	83.708	.25
63	MP2A	Mx	-.076	.25
64	MP2A	X	48.329	5.25
65	MP2A	Z	83.708	5.25
66	MP2A	Mx	-.076	5.25
67	MP2B	X	48.329	.25
68	MP2B	Z	83.708	.25
69	MP2B	Mx	.028	.25
70	MP2B	X	48.329	5.25
71	MP2B	Z	83.708	5.25
72	MP2B	Mx	.028	5.25
73	MP2C	X	24.19	.25
74	MP2C	Z	41.899	.25
75	MP2C	Mx	.024	.25
76	MP2C	X	24.19	5.25
77	MP2C	Z	41.899	5.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
78	MP2C	Mx	.024	5.25
79	MP2A	X	29.537	2
80	MP2A	Z	51.16	2
81	MP2A	Mx	.015	2
82	MP2B	X	29.537	2
83	MP2B	Z	51.16	2
84	MP2B	Mx	.015	2
85	MP2C	X	21.595	2
86	MP2C	Z	37.403	2
87	MP2C	Mx	-.022	2
88	MP3A	X	28.551	2
89	MP3A	Z	49.451	2
90	MP3A	Mx	.014	2
91	MP3B	X	28.551	2
92	MP3B	Z	49.451	2
93	MP3B	Mx	.014	2
94	MP3C	X	17.65	2
95	MP3C	Z	30.57	2
96	MP3C	Mx	-.018	2
97	MP3A	X	12.978	4.5
98	MP3A	Z	22.478	4.5
99	MP3A	Mx	.006	4.5
100	MP3B	X	12.978	4.5
101	MP3B	Z	22.478	4.5
102	MP3B	Mx	.006	4.5
103	MP3C	X	7.06	4.5
104	MP3C	Z	12.228	4.5
105	MP3C	Mx	-.007	4.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	M72	X	0	8.5
2	M72	Z	39.867	8.5
3	M72	Mx	0	8.5
4	M72	X	0	8.5
5	M72	Z	19.036	8.5
6	M72	Mx	-.004	8.5
7	MP1A	X	0	1.75
8	MP1A	Z	81.396	1.75
9	MP1A	Mx	0	1.75
10	MP1A	X	0	3.75
11	MP1A	Z	81.396	3.75
12	MP1A	Mx	0	3.75
13	MP1B	X	0	1.75
14	MP1B	Z	41.373	1.75
15	MP1B	Mx	-.018	1.75
16	MP1B	X	0	3.75
17	MP1B	Z	41.373	3.75
18	MP1B	Mx	-.018	3.75
19	MP1C	X	0	1.75
20	MP1C	Z	41.373	1.75
21	MP1C	Mx	.018	1.75
22	MP1C	X	0	3.75
23	MP1C	Z	41.373	3.75
24	MP1C	Mx	.018	3.75
25	MP4A	X	0	.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
26	MP4A	Z	119.602	.25
27	MP4A	Mx	0	.25
28	MP4A	X	0	5.25
29	MP4A	Z	119.602	5.25
30	MP4A	Mx	0	5.25
31	MP4C	X	0	.25
32	MP4C	Z	100.926	.25
33	MP4C	Mx	.044	.25
34	MP4C	X	0	5.25
35	MP4C	Z	100.926	5.25
36	MP4C	Mx	.044	5.25
37	MP4B	X	0	.25
38	MP4B	Z	100.926	.25
39	MP4B	Mx	-.044	.25
40	MP4B	X	0	5.25
41	MP4B	Z	100.926	5.25
42	MP4B	Mx	-.044	5.25
43	MP2A	X	0	.25
44	MP2A	Z	112.75	.25
45	MP2A	Mx	.07	.25
46	MP2A	X	0	5.25
47	MP2A	Z	112.75	5.25
48	MP2A	Mx	.07	5.25
49	MP2B	X	0	.25
50	MP2B	Z	64.473	.25
51	MP2B	Mx	-.048	.25
52	MP2B	X	0	5.25
53	MP2B	Z	64.473	5.25
54	MP2B	Mx	-.048	5.25
55	MP2C	X	0	.25
56	MP2C	Z	64.473	.25
57	MP2C	Mx	.008	.25
58	MP2C	X	0	5.25
59	MP2C	Z	64.473	5.25
60	MP2C	Mx	.008	5.25
61	MP2A	X	0	.25
62	MP2A	Z	112.75	.25
63	MP2A	Mx	-.07	.25
64	MP2A	X	0	5.25
65	MP2A	Z	112.75	5.25
66	MP2A	Mx	-.07	5.25
67	MP2B	X	0	.25
68	MP2B	Z	64.473	.25
69	MP2B	Mx	-.008	.25
70	MP2B	X	0	5.25
71	MP2B	Z	64.473	5.25
72	MP2B	Mx	-.008	5.25
73	MP2C	X	0	.25
74	MP2C	Z	64.473	.25
75	MP2C	Mx	.048	.25
76	MP2C	X	0	5.25
77	MP2C	Z	64.473	5.25
78	MP2C	Mx	.048	5.25
79	MP2A	X	0	2
80	MP2A	Z	64.369	2
81	MP2A	Mx	0	2
82	MP2B	X	0	2

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
83	MP2B	Z	48.484	2
84	MP2B	Mx	.021	2
85	MP2C	X	0	2
86	MP2C	Z	48.484	2
87	MP2C	Mx	-.021	2
88	MP3A	X	0	2
89	MP3A	Z	64.369	2
90	MP3A	Mx	0	2
91	MP3B	X	0	2
92	MP3B	Z	42.567	2
93	MP3B	Mx	.018	2
94	MP3C	X	0	2
95	MP3C	Z	42.567	2
96	MP3C	Mx	-.018	2
97	MP3A	X	0	4.5
98	MP3A	Z	29.9	4.5
99	MP3A	Mx	0	4.5
100	MP3B	X	0	4.5
101	MP3B	Z	18.065	4.5
102	MP3B	Mx	.008	4.5
103	MP3C	X	0	4.5
104	MP3C	Z	18.065	4.5
105	MP3C	Mx	-.008	4.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	M72	X	-16.462	8.5
2	M72	Z	28.513	8.5
3	M72	Mx	-.004	8.5
4	M72	X	-16.462	8.5
5	M72	Z	28.513	8.5
6	M72	Mx	-.004	8.5
7	MP1A	X	-34.027	1.75
8	MP1A	Z	58.937	1.75
9	MP1A	Mx	.017	1.75
10	MP1A	X	-34.027	3.75
11	MP1A	Z	58.937	3.75
12	MP1A	Mx	.017	3.75
13	MP1B	X	-14.016	1.75
14	MP1B	Z	24.276	1.75
15	MP1B	Mx	-.014	1.75
16	MP1B	X	-14.016	3.75
17	MP1B	Z	24.276	3.75
18	MP1B	Mx	-.014	3.75
19	MP1C	X	-34.027	1.75
20	MP1C	Z	58.937	1.75
21	MP1C	Mx	.017	1.75
22	MP1C	X	-34.027	3.75
23	MP1C	Z	58.937	3.75
24	MP1C	Mx	.017	3.75
25	MP4A	X	-56.688	.25
26	MP4A	Z	98.187	.25
27	MP4A	Mx	.028	.25
28	MP4A	X	-56.688	5.25
29	MP4A	Z	98.187	5.25
30	MP4A	Mx	.028	5.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
31	MP4C	X	-56.688	.25
32	MP4C	Z	98.187	.25
33	MP4C	Mx	.028	.25
34	MP4C	X	-56.688	5.25
35	MP4C	Z	98.187	5.25
36	MP4C	Mx	.028	5.25
37	MP4B	X	-47.35	.25
38	MP4B	Z	82.013	.25
39	MP4B	Mx	-.047	.25
40	MP4B	X	-47.35	5.25
41	MP4B	Z	82.013	5.25
42	MP4B	Mx	-.047	5.25
43	MP2A	X	-48.329	.25
44	MP2A	Z	83.708	.25
45	MP2A	Mx	.076	.25
46	MP2A	X	-48.329	5.25
47	MP2A	Z	83.708	5.25
48	MP2A	Mx	.076	5.25
49	MP2B	X	-24.19	.25
50	MP2B	Z	41.899	.25
51	MP2B	Mx	-.024	.25
52	MP2B	X	-24.19	5.25
53	MP2B	Z	41.899	5.25
54	MP2B	Mx	-.024	5.25
55	MP2C	X	-48.329	.25
56	MP2C	Z	83.708	.25
57	MP2C	Mx	-.028	.25
58	MP2C	X	-48.329	5.25
59	MP2C	Z	83.708	5.25
60	MP2C	Mx	-.028	5.25
61	MP2A	X	-48.329	.25
62	MP2A	Z	83.708	.25
63	MP2A	Mx	-.028	.25
64	MP2A	X	-48.329	5.25
65	MP2A	Z	83.708	5.25
66	MP2A	Mx	-.028	5.25
67	MP2B	X	-24.19	.25
68	MP2B	Z	41.899	.25
69	MP2B	Mx	-.024	.25
70	MP2B	X	-24.19	5.25
71	MP2B	Z	41.899	5.25
72	MP2B	Mx	-.024	5.25
73	MP2C	X	-48.329	.25
74	MP2C	Z	83.708	.25
75	MP2C	Mx	.076	.25
76	MP2C	X	-48.329	5.25
77	MP2C	Z	83.708	5.25
78	MP2C	Mx	.076	5.25
79	MP2A	X	-29.537	2
80	MP2A	Z	51.16	2
81	MP2A	Mx	-.015	2
82	MP2B	X	-21.595	2
83	MP2B	Z	37.403	2
84	MP2B	Mx	.022	2
85	MP2C	X	-29.537	2
86	MP2C	Z	51.16	2
87	MP2C	Mx	-.015	2

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
88	MP3A	X	-28.551	2
89	MP3A	Z	49.451	2
90	MP3A	Mx	-.014	2
91	MP3B	X	-17.65	2
92	MP3B	Z	30.57	2
93	MP3B	Mx	.018	2
94	MP3C	X	-28.551	2
95	MP3C	Z	49.451	2
96	MP3C	Mx	-.014	2
97	MP3A	X	-12.978	4.5
98	MP3A	Z	22.478	4.5
99	MP3A	Mx	-.006	4.5
100	MP3B	X	-7.06	4.5
101	MP3B	Z	12.228	4.5
102	MP3B	Mx	.007	4.5
103	MP3C	X	-12.978	4.5
104	MP3C	Z	22.478	4.5
105	MP3C	Mx	-.006	4.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	M72	X	-16.485	8.5
2	M72	Z	9.518	8.5
3	M72	Mx	-.004	8.5
4	M72	X	-34.526	8.5
5	M72	Z	19.934	8.5
6	M72	Mx	0	8.5
7	MP1A	X	-35.83	1.75
8	MP1A	Z	20.686	1.75
9	MP1A	Mx	.018	1.75
10	MP1A	X	-35.83	3.75
11	MP1A	Z	20.686	3.75
12	MP1A	Mx	.018	3.75
13	MP1B	X	-35.83	1.75
14	MP1B	Z	20.686	1.75
15	MP1B	Mx	-.018	1.75
16	MP1B	X	-35.83	3.75
17	MP1B	Z	20.686	3.75
18	MP1B	Mx	-.018	3.75
19	MP1C	X	-70.491	1.75
20	MP1C	Z	40.698	1.75
21	MP1C	Mx	0	1.75
22	MP1C	X	-70.491	3.75
23	MP1C	Z	40.698	3.75
24	MP1C	Mx	0	3.75
25	MP4A	X	-87.404	.25
26	MP4A	Z	50.463	.25
27	MP4A	Mx	.044	.25
28	MP4A	X	-87.404	5.25
29	MP4A	Z	50.463	5.25
30	MP4A	Mx	.044	5.25
31	MP4C	X	-103.578	.25
32	MP4C	Z	59.801	.25
33	MP4C	Mx	0	.25
34	MP4C	X	-103.578	5.25
35	MP4C	Z	59.801	5.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
36	MP4C	Mx	0	5.25
37	MP4B	X	-87.404	.25
38	MP4B	Z	50.463	.25
39	MP4B	Mx	-.044	.25
40	MP4B	X	-87.404	5.25
41	MP4B	Z	50.463	5.25
42	MP4B	Mx	-.044	5.25
43	MP2A	X	-55.835	.25
44	MP2A	Z	32.236	.25
45	MP2A	Mx	.048	.25
46	MP2A	X	-55.835	5.25
47	MP2A	Z	32.236	5.25
48	MP2A	Mx	.048	5.25
49	MP2B	X	-55.835	.25
50	MP2B	Z	32.236	.25
51	MP2B	Mx	-.008	.25
52	MP2B	X	-55.835	5.25
53	MP2B	Z	32.236	5.25
54	MP2B	Mx	-.008	5.25
55	MP2C	X	-97.644	.25
56	MP2C	Z	56.375	.25
57	MP2C	Mx	-.07	.25
58	MP2C	X	-97.644	5.25
59	MP2C	Z	56.375	5.25
60	MP2C	Mx	-.07	5.25
61	MP2A	X	-55.835	.25
62	MP2A	Z	32.236	.25
63	MP2A	Mx	.008	.25
64	MP2A	X	-55.835	5.25
65	MP2A	Z	32.236	5.25
66	MP2A	Mx	.008	5.25
67	MP2B	X	-55.835	.25
68	MP2B	Z	32.236	.25
69	MP2B	Mx	-.048	.25
70	MP2B	X	-55.835	5.25
71	MP2B	Z	32.236	5.25
72	MP2B	Mx	-.048	5.25
73	MP2C	X	-97.644	.25
74	MP2C	Z	56.375	.25
75	MP2C	Mx	.07	.25
76	MP2C	X	-97.644	5.25
77	MP2C	Z	56.375	5.25
78	MP2C	Mx	.07	5.25
79	MP2A	X	-41.989	2
80	MP2A	Z	24.242	2
81	MP2A	Mx	-.021	2
82	MP2B	X	-41.989	2
83	MP2B	Z	24.242	2
84	MP2B	Mx	.021	2
85	MP2C	X	-55.745	2
86	MP2C	Z	32.185	2
87	MP2C	Mx	0	2
88	MP3A	X	-36.864	2
89	MP3A	Z	21.283	2
90	MP3A	Mx	-.018	2
91	MP3B	X	-36.864	2
92	MP3B	Z	21.283	2

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
93	MP3B	Mx	.018	2
94	MP3C	X	-55.745	2
95	MP3C	Z	32.185	2
96	MP3C	Mx	0	2
97	MP3A	X	-15.645	4.5
98	MP3A	Z	9.032	4.5
99	MP3A	Mx	-.008	4.5
100	MP3B	X	-15.645	4.5
101	MP3B	Z	9.032	4.5
102	MP3B	Mx	.008	4.5
103	MP3C	X	-25.895	4.5
104	MP3C	Z	14.95	4.5
105	MP3C	Mx	0	4.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	M72	X	-12.092	8.5
2	M72	Z	0	8.5
3	M72	Mx	-.003	8.5
4	M72	X	-32.923	8.5
5	M72	Z	0	8.5
6	M72	Mx	.004	8.5
7	MP1A	X	-28.032	1.75
8	MP1A	Z	0	1.75
9	MP1A	Mx	.014	1.75
10	MP1A	X	-28.032	3.75
11	MP1A	Z	0	3.75
12	MP1A	Mx	.014	3.75
13	MP1B	X	-68.055	1.75
14	MP1B	Z	0	1.75
15	MP1B	Mx	-.017	1.75
16	MP1B	X	-68.055	3.75
17	MP1B	Z	0	3.75
18	MP1B	Mx	-.017	3.75
19	MP1C	X	-68.055	1.75
20	MP1C	Z	0	1.75
21	MP1C	Mx	-.017	1.75
22	MP1C	X	-68.055	3.75
23	MP1C	Z	0	3.75
24	MP1C	Mx	-.017	3.75
25	MP4A	X	-94.701	.25
26	MP4A	Z	0	.25
27	MP4A	Mx	.047	.25
28	MP4A	X	-94.701	5.25
29	MP4A	Z	0	5.25
30	MP4A	Mx	.047	5.25
31	MP4C	X	-113.377	.25
32	MP4C	Z	0	.25
33	MP4C	Mx	-.028	.25
34	MP4C	X	-113.377	5.25
35	MP4C	Z	0	5.25
36	MP4C	Mx	-.028	5.25
37	MP4B	X	-113.377	.25
38	MP4B	Z	0	.25
39	MP4B	Mx	-.028	.25
40	MP4B	X	-113.377	5.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
41	MP4B	Z	0	5.25
42	MP4B	Mx	-.028	5.25
43	MP2A	X	-48.381	.25
44	MP2A	Z	0	.25
45	MP2A	Mx	.024	.25
46	MP2A	X	-48.381	5.25
47	MP2A	Z	0	5.25
48	MP2A	Mx	.024	5.25
49	MP2B	X	-96.657	.25
50	MP2B	Z	0	.25
51	MP2B	Mx	.028	.25
52	MP2B	X	-96.657	5.25
53	MP2B	Z	0	5.25
54	MP2B	Mx	.028	5.25
55	MP2C	X	-96.657	.25
56	MP2C	Z	0	.25
57	MP2C	Mx	-.076	.25
58	MP2C	X	-96.657	5.25
59	MP2C	Z	0	5.25
60	MP2C	Mx	-.076	5.25
61	MP2A	X	-48.381	.25
62	MP2A	Z	0	.25
63	MP2A	Mx	.024	.25
64	MP2A	X	-48.381	5.25
65	MP2A	Z	0	5.25
66	MP2A	Mx	.024	5.25
67	MP2B	X	-96.657	.25
68	MP2B	Z	0	.25
69	MP2B	Mx	-.076	.25
70	MP2B	X	-96.657	5.25
71	MP2B	Z	0	5.25
72	MP2B	Mx	-.076	5.25
73	MP2C	X	-96.657	.25
74	MP2C	Z	0	.25
75	MP2C	Mx	.028	.25
76	MP2C	X	-96.657	5.25
77	MP2C	Z	0	5.25
78	MP2C	Mx	.028	5.25
79	MP2A	X	-43.19	2
80	MP2A	Z	0	2
81	MP2A	Mx	-.022	2
82	MP2B	X	-59.074	2
83	MP2B	Z	0	2
84	MP2B	Mx	.015	2
85	MP2C	X	-59.074	2
86	MP2C	Z	0	2
87	MP2C	Mx	.015	2
88	MP3A	X	-35.299	2
89	MP3A	Z	0	2
90	MP3A	Mx	-.018	2
91	MP3B	X	-57.102	2
92	MP3B	Z	0	2
93	MP3B	Mx	.014	2
94	MP3C	X	-57.102	2
95	MP3C	Z	0	2
96	MP3C	Mx	.014	2
97	MP3A	X	-14.12	4.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
98	MP3A	Z	0	4.5
99	MP3A	Mx	-.007	4.5
100	MP3B	X	-25.955	4.5
101	MP3B	Z	0	4.5
102	MP3B	Mx	.006	4.5
103	MP3C	X	-25.955	4.5
104	MP3C	Z	0	4.5
105	MP3C	Mx	.006	4.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	M72	X	-16.485	8.5
2	M72	Z	-9.518	8.5
3	M72	Mx	-.004	8.5
4	M72	X	-16.485	8.5
5	M72	Z	-9.518	8.5
6	M72	Mx	.004	8.5
7	MP1A	X	-35.83	1.75
8	MP1A	Z	-20.686	1.75
9	MP1A	Mx	.018	1.75
10	MP1A	X	-35.83	3.75
11	MP1A	Z	-20.686	3.75
12	MP1A	Mx	.018	3.75
13	MP1B	X	-70.491	1.75
14	MP1B	Z	-40.698	1.75
15	MP1B	Mx	0	1.75
16	MP1B	X	-70.491	3.75
17	MP1B	Z	-40.698	3.75
18	MP1B	Mx	0	3.75
19	MP1C	X	-35.83	1.75
20	MP1C	Z	-20.686	1.75
21	MP1C	Mx	-.018	1.75
22	MP1C	X	-35.83	3.75
23	MP1C	Z	-20.686	3.75
24	MP1C	Mx	-.018	3.75
25	MP4A	X	-87.404	.25
26	MP4A	Z	-50.463	.25
27	MP4A	Mx	.044	.25
28	MP4A	X	-87.404	5.25
29	MP4A	Z	-50.463	5.25
30	MP4A	Mx	.044	5.25
31	MP4C	X	-87.404	.25
32	MP4C	Z	-50.463	.25
33	MP4C	Mx	-.044	.25
34	MP4C	X	-87.404	5.25
35	MP4C	Z	-50.463	5.25
36	MP4C	Mx	-.044	5.25
37	MP4B	X	-103.578	.25
38	MP4B	Z	-59.801	.25
39	MP4B	Mx	0	.25
40	MP4B	X	-103.578	5.25
41	MP4B	Z	-59.801	5.25
42	MP4B	Mx	0	5.25
43	MP2A	X	-55.835	.25
44	MP2A	Z	-32.236	.25
45	MP2A	Mx	.008	.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
46	MP2A	X	-55.835	5.25
47	MP2A	Z	-32.236	5.25
48	MP2A	Mx	.008	5.25
49	MP2B	X	-97.644	.25
50	MP2B	Z	-56.375	.25
51	MP2B	Mx	.07	.25
52	MP2B	X	-97.644	5.25
53	MP2B	Z	-56.375	5.25
54	MP2B	Mx	.07	5.25
55	MP2C	X	-55.835	.25
56	MP2C	Z	-32.236	.25
57	MP2C	Mx	-.048	.25
58	MP2C	X	-55.835	5.25
59	MP2C	Z	-32.236	5.25
60	MP2C	Mx	-.048	5.25
61	MP2A	X	-55.835	.25
62	MP2A	Z	-32.236	.25
63	MP2A	Mx	.048	.25
64	MP2A	X	-55.835	5.25
65	MP2A	Z	-32.236	5.25
66	MP2A	Mx	.048	5.25
67	MP2B	X	-97.644	.25
68	MP2B	Z	-56.375	.25
69	MP2B	Mx	-.07	.25
70	MP2B	X	-97.644	5.25
71	MP2B	Z	-56.375	5.25
72	MP2B	Mx	-.07	5.25
73	MP2C	X	-55.835	.25
74	MP2C	Z	-32.236	.25
75	MP2C	Mx	-.008	.25
76	MP2C	X	-55.835	5.25
77	MP2C	Z	-32.236	5.25
78	MP2C	Mx	-.008	5.25
79	MP2A	X	-41.989	2
80	MP2A	Z	-24.242	2
81	MP2A	Mx	-.021	2
82	MP2B	X	-55.745	2
83	MP2B	Z	-32.185	2
84	MP2B	Mx	0	2
85	MP2C	X	-41.989	2
86	MP2C	Z	-24.242	2
87	MP2C	Mx	.021	2
88	MP3A	X	-36.864	2
89	MP3A	Z	-21.283	2
90	MP3A	Mx	-.018	2
91	MP3B	X	-55.745	2
92	MP3B	Z	-32.185	2
93	MP3B	Mx	0	2
94	MP3C	X	-36.864	2
95	MP3C	Z	-21.283	2
96	MP3C	Mx	.018	2
97	MP3A	X	-15.645	4.5
98	MP3A	Z	-9.032	4.5
99	MP3A	Mx	-.008	4.5
100	MP3B	X	-25.895	4.5
101	MP3B	Z	-14.95	4.5
102	MP3B	Mx	0	4.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
103	MP3C	X	-15.645	4.5
104	MP3C	Z	-9.032	4.5
105	MP3C	Mx	.008	4.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	M72	X	-16.462	8.5
2	M72	Z	-28.513	8.5
3	M72	Mx	-.004	8.5
4	M72	X	-6.046	8.5
5	M72	Z	-10.472	8.5
6	M72	Mx	.003	8.5
7	MP1A	X	-34.027	1.75
8	MP1A	Z	-58.937	1.75
9	MP1A	Mx	.017	1.75
10	MP1A	X	-34.027	3.75
11	MP1A	Z	-58.937	3.75
12	MP1A	Mx	.017	3.75
13	MP1B	X	-34.027	1.75
14	MP1B	Z	-58.937	1.75
15	MP1B	Mx	.017	1.75
16	MP1B	X	-34.027	3.75
17	MP1B	Z	-58.937	3.75
18	MP1B	Mx	.017	3.75
19	MP1C	X	-14.016	1.75
20	MP1C	Z	-24.276	1.75
21	MP1C	Mx	-.014	1.75
22	MP1C	X	-14.016	3.75
23	MP1C	Z	-24.276	3.75
24	MP1C	Mx	-.014	3.75
25	MP4A	X	-56.688	.25
26	MP4A	Z	-98.187	.25
27	MP4A	Mx	.028	.25
28	MP4A	X	-56.688	5.25
29	MP4A	Z	-98.187	5.25
30	MP4A	Mx	.028	5.25
31	MP4C	X	-47.35	.25
32	MP4C	Z	-82.013	.25
33	MP4C	Mx	-.047	.25
34	MP4C	X	-47.35	5.25
35	MP4C	Z	-82.013	5.25
36	MP4C	Mx	-.047	5.25
37	MP4B	X	-56.688	.25
38	MP4B	Z	-98.187	.25
39	MP4B	Mx	.028	.25
40	MP4B	X	-56.688	5.25
41	MP4B	Z	-98.187	5.25
42	MP4B	Mx	.028	5.25
43	MP2A	X	-48.329	.25
44	MP2A	Z	-83.708	.25
45	MP2A	Mx	-.028	.25
46	MP2A	X	-48.329	5.25
47	MP2A	Z	-83.708	5.25
48	MP2A	Mx	-.028	5.25
49	MP2B	X	-48.329	.25
50	MP2B	Z	-83.708	.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
51	MP2B	Mx	.076	.25
52	MP2B	X	-48.329	5.25
53	MP2B	Z	-83.708	5.25
54	MP2B	Mx	.076	5.25
55	MP2C	X	-24.19	.25
56	MP2C	Z	-41.899	.25
57	MP2C	Mx	-.024	.25
58	MP2C	X	-24.19	5.25
59	MP2C	Z	-41.899	5.25
60	MP2C	Mx	-.024	5.25
61	MP2A	X	-48.329	.25
62	MP2A	Z	-83.708	.25
63	MP2A	Mx	.076	.25
64	MP2A	X	-48.329	5.25
65	MP2A	Z	-83.708	5.25
66	MP2A	Mx	.076	5.25
67	MP2B	X	-48.329	.25
68	MP2B	Z	-83.708	.25
69	MP2B	Mx	-.028	.25
70	MP2B	X	-48.329	5.25
71	MP2B	Z	-83.708	5.25
72	MP2B	Mx	-.028	5.25
73	MP2C	X	-24.19	.25
74	MP2C	Z	-41.899	.25
75	MP2C	Mx	-.024	.25
76	MP2C	X	-24.19	5.25
77	MP2C	Z	-41.899	5.25
78	MP2C	Mx	-.024	5.25
79	MP2A	X	-29.537	2
80	MP2A	Z	-51.16	2
81	MP2A	Mx	-.015	2
82	MP2B	X	-29.537	2
83	MP2B	Z	-51.16	2
84	MP2B	Mx	-.015	2
85	MP2C	X	-21.595	2
86	MP2C	Z	-37.403	2
87	MP2C	Mx	.022	2
88	MP3A	X	-28.551	2
89	MP3A	Z	-49.451	2
90	MP3A	Mx	-.014	2
91	MP3B	X	-28.551	2
92	MP3B	Z	-49.451	2
93	MP3B	Mx	-.014	2
94	MP3C	X	-17.65	2
95	MP3C	Z	-30.57	2
96	MP3C	Mx	.018	2
97	MP3A	X	-12.978	4.5
98	MP3A	Z	-22.478	4.5
99	MP3A	Mx	-.006	4.5
100	MP3B	X	-12.978	4.5
101	MP3B	Z	-22.478	4.5
102	MP3B	Mx	-.006	4.5
103	MP3C	X	-7.06	4.5
104	MP3C	Z	-12.228	4.5
105	MP3C	Mx	.007	4.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	M72	X	0	8.5
2	M72	Z	-9.935	8.5
3	M72	Mx	0	8.5
4	M72	X	0	8.5
5	M72	Z	-5.563	8.5
6	M72	Mx	.001	8.5
7	MP1A	X	0	1.75
8	MP1A	Z	-20.256	1.75
9	MP1A	Mx	0	1.75
10	MP1A	X	0	3.75
11	MP1A	Z	-20.256	3.75
12	MP1A	Mx	0	3.75
13	MP1B	X	0	1.75
14	MP1B	Z	-11.803	1.75
15	MP1B	Mx	.005	1.75
16	MP1B	X	0	3.75
17	MP1B	Z	-11.803	3.75
18	MP1B	Mx	.005	3.75
19	MP1C	X	0	1.75
20	MP1C	Z	-11.803	1.75
21	MP1C	Mx	-.005	1.75
22	MP1C	X	0	3.75
23	MP1C	Z	-11.803	3.75
24	MP1C	Mx	-.005	3.75
25	MP4A	X	0	.25
26	MP4A	Z	-25.179	.25
27	MP4A	Mx	0	.25
28	MP4A	X	0	5.25
29	MP4A	Z	-25.179	5.25
30	MP4A	Mx	0	5.25
31	MP4C	X	0	.25
32	MP4C	Z	-21.809	.25
33	MP4C	Mx	-.009	.25
34	MP4C	X	0	5.25
35	MP4C	Z	-21.809	5.25
36	MP4C	Mx	-.009	5.25
37	MP4B	X	0	.25
38	MP4B	Z	-21.809	.25
39	MP4B	Mx	.009	.25
40	MP4B	X	0	5.25
41	MP4B	Z	-21.809	5.25
42	MP4B	Mx	.009	5.25
43	MP2A	X	0	.25
44	MP2A	Z	-33.693	.25
45	MP2A	Mx	-.021	.25
46	MP2A	X	0	5.25
47	MP2A	Z	-33.693	5.25
48	MP2A	Mx	-.021	5.25
49	MP2B	X	0	.25
50	MP2B	Z	-26.18	.25
51	MP2B	Mx	.02	.25
52	MP2B	X	0	5.25
53	MP2B	Z	-26.18	5.25
54	MP2B	Mx	.02	5.25
55	MP2C	X	0	.25
56	MP2C	Z	-26.18	.25
57	MP2C	Mx	-.003	.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
58	MP2C	X	0	5.25
59	MP2C	Z	-26.18	5.25
60	MP2C	Mx	-.003	5.25
61	MP2A	X	0	.25
62	MP2A	Z	-33.693	.25
63	MP2A	Mx	.021	.25
64	MP2A	X	0	5.25
65	MP2A	Z	-33.693	5.25
66	MP2A	Mx	.021	5.25
67	MP2B	X	0	.25
68	MP2B	Z	-26.18	.25
69	MP2B	Mx	.003	.25
70	MP2B	X	0	5.25
71	MP2B	Z	-26.18	5.25
72	MP2B	Mx	.003	5.25
73	MP2C	X	0	.25
74	MP2C	Z	-26.18	.25
75	MP2C	Mx	-.02	.25
76	MP2C	X	0	5.25
77	MP2C	Z	-26.18	5.25
78	MP2C	Mx	-.02	5.25
79	MP2A	X	0	2
80	MP2A	Z	-17.532	2
81	MP2A	Mx	0	2
82	MP2B	X	0	2
83	MP2B	Z	-13.702	2
84	MP2B	Mx	-.006	2
85	MP2C	X	0	2
86	MP2C	Z	-13.702	2
87	MP2C	Mx	.006	2
88	MP3A	X	0	2
89	MP3A	Z	-17.532	2
90	MP3A	Mx	0	2
91	MP3B	X	0	2
92	MP3B	Z	-12.247	2
93	MP3B	Mx	-.005	2
94	MP3C	X	0	2
95	MP3C	Z	-12.247	2
96	MP3C	Mx	.005	2
97	MP3A	X	0	4.5
98	MP3A	Z	-10.295	4.5
99	MP3A	Mx	0	4.5
100	MP3B	X	0	4.5
101	MP3B	Z	-7.143	4.5
102	MP3B	Mx	-.003	4.5
103	MP3C	X	0	4.5
104	MP3C	Z	-7.143	4.5
105	MP3C	Mx	.003	4.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	M72	X	4.239	8.5
2	M72	Z	-7.342	8.5
3	M72	Mx	.001	8.5
4	M72	X	4.239	8.5
5	M72	Z	-7.342	8.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
6	M72	Mx	.001	8.5
7	MP1A	X	8.719	1.75
8	MP1A	Z	-15.102	1.75
9	MP1A	Mx	-.004	1.75
10	MP1A	X	8.719	3.75
11	MP1A	Z	-15.102	3.75
12	MP1A	Mx	-.004	3.75
13	MP1B	X	4.493	1.75
14	MP1B	Z	-7.781	1.75
15	MP1B	Mx	.004	1.75
16	MP1B	X	4.493	3.75
17	MP1B	Z	-7.781	3.75
18	MP1B	Mx	.004	3.75
19	MP1C	X	8.719	1.75
20	MP1C	Z	-15.102	1.75
21	MP1C	Mx	-.004	1.75
22	MP1C	X	8.719	3.75
23	MP1C	Z	-15.102	3.75
24	MP1C	Mx	-.004	3.75
25	MP4A	X	12.028	.25
26	MP4A	Z	-20.833	.25
27	MP4A	Mx	-.006	.25
28	MP4A	X	12.028	5.25
29	MP4A	Z	-20.833	5.25
30	MP4A	Mx	-.006	5.25
31	MP4C	X	12.028	.25
32	MP4C	Z	-20.833	.25
33	MP4C	Mx	-.006	.25
34	MP4C	X	12.028	5.25
35	MP4C	Z	-20.833	5.25
36	MP4C	Mx	-.006	5.25
37	MP4B	X	10.343	.25
38	MP4B	Z	-17.914	.25
39	MP4B	Mx	.01	.25
40	MP4B	X	10.343	5.25
41	MP4B	Z	-17.914	5.25
42	MP4B	Mx	.01	5.25
43	MP2A	X	15.594	.25
44	MP2A	Z	-27.01	.25
45	MP2A	Mx	-.025	.25
46	MP2A	X	15.594	5.25
47	MP2A	Z	-27.01	5.25
48	MP2A	Mx	-.025	5.25
49	MP2B	X	11.838	.25
50	MP2B	Z	-20.504	.25
51	MP2B	Mx	.012	.25
52	MP2B	X	11.838	5.25
53	MP2B	Z	-20.504	5.25
54	MP2B	Mx	.012	5.25
55	MP2C	X	15.594	.25
56	MP2C	Z	-27.01	.25
57	MP2C	Mx	.009	.25
58	MP2C	X	15.594	5.25
59	MP2C	Z	-27.01	5.25
60	MP2C	Mx	.009	5.25
61	MP2A	X	15.594	.25
62	MP2A	Z	-27.01	.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
63	MP2A	Mx	.009	.25
64	MP2A	X	15.594	5.25
65	MP2A	Z	-27.01	5.25
66	MP2A	Mx	.009	5.25
67	MP2B	X	11.838	.25
68	MP2B	Z	-20.504	.25
69	MP2B	Mx	.012	.25
70	MP2B	X	11.838	5.25
71	MP2B	Z	-20.504	5.25
72	MP2B	Mx	.012	5.25
73	MP2C	X	15.594	.25
74	MP2C	Z	-27.01	.25
75	MP2C	Mx	-.025	.25
76	MP2C	X	15.594	5.25
77	MP2C	Z	-27.01	5.25
78	MP2C	Mx	-.025	5.25
79	MP2A	X	8.128	2
80	MP2A	Z	-14.078	2
81	MP2A	Mx	.004	2
82	MP2B	X	6.213	2
83	MP2B	Z	-10.761	2
84	MP2B	Mx	-.006	2
85	MP2C	X	8.128	2
86	MP2C	Z	-14.078	2
87	MP2C	Mx	.004	2
88	MP3A	X	7.885	2
89	MP3A	Z	-13.657	2
90	MP3A	Mx	.004	2
91	MP3B	X	5.242	2
92	MP3B	Z	-9.08	2
93	MP3B	Mx	-.005	2
94	MP3C	X	7.885	2
95	MP3C	Z	-13.657	2
96	MP3C	Mx	.004	2
97	MP3A	X	4.622	4.5
98	MP3A	Z	-8.006	4.5
99	MP3A	Mx	.002	4.5
100	MP3B	X	3.046	4.5
101	MP3B	Z	-5.276	4.5
102	MP3B	Mx	-.003	4.5
103	MP3C	X	4.622	4.5
104	MP3C	Z	-8.006	4.5
105	MP3C	Mx	.002	4.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	M72	X	4.818	8.5
2	M72	Z	-2.782	8.5
3	M72	Mx	.001	8.5
4	M72	X	8.604	8.5
5	M72	Z	-4.967	8.5
6	M72	Mx	0	8.5
7	MP1A	X	10.221	1.75
8	MP1A	Z	-5.901	1.75
9	MP1A	Mx	-.005	1.75
10	MP1A	X	10.221	3.75

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
11	MP1A	Z	-5.901	3.75
12	MP1A	Mx	-.005	3.75
13	MP1B	X	10.221	1.75
14	MP1B	Z	-5.901	1.75
15	MP1B	Mx	.005	1.75
16	MP1B	X	10.221	3.75
17	MP1B	Z	-5.901	3.75
18	MP1B	Mx	.005	3.75
19	MP1C	X	17.542	1.75
20	MP1C	Z	-10.128	1.75
21	MP1C	Mx	0	1.75
22	MP1C	X	17.542	3.75
23	MP1C	Z	-10.128	3.75
24	MP1C	Mx	0	3.75
25	MP4A	X	18.887	.25
26	MP4A	Z	-10.905	.25
27	MP4A	Mx	-.009	.25
28	MP4A	X	18.887	5.25
29	MP4A	Z	-10.905	5.25
30	MP4A	Mx	-.009	5.25
31	MP4C	X	21.806	.25
32	MP4C	Z	-12.589	.25
33	MP4C	Mx	0	.25
34	MP4C	X	21.806	5.25
35	MP4C	Z	-12.589	5.25
36	MP4C	Mx	0	5.25
37	MP4B	X	18.887	.25
38	MP4B	Z	-10.905	.25
39	MP4B	Mx	.009	.25
40	MP4B	X	18.887	5.25
41	MP4B	Z	-10.905	5.25
42	MP4B	Mx	.009	5.25
43	MP2A	X	22.672	.25
44	MP2A	Z	-13.09	.25
45	MP2A	Mx	-.02	.25
46	MP2A	X	22.672	5.25
47	MP2A	Z	-13.09	5.25
48	MP2A	Mx	-.02	5.25
49	MP2B	X	22.672	.25
50	MP2B	Z	-13.09	.25
51	MP2B	Mx	.003	.25
52	MP2B	X	22.672	5.25
53	MP2B	Z	-13.09	5.25
54	MP2B	Mx	.003	5.25
55	MP2C	X	29.179	.25
56	MP2C	Z	-16.847	.25
57	MP2C	Mx	.021	.25
58	MP2C	X	29.179	5.25
59	MP2C	Z	-16.847	5.25
60	MP2C	Mx	.021	5.25
61	MP2A	X	22.672	.25
62	MP2A	Z	-13.09	.25
63	MP2A	Mx	-.003	.25
64	MP2A	X	22.672	5.25
65	MP2A	Z	-13.09	5.25
66	MP2A	Mx	-.003	5.25
67	MP2B	X	22.672	.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
68	MP2B	Z	-13.09	.25
69	MP2B	Mx	.02	.25
70	MP2B	X	22.672	5.25
71	MP2B	Z	-13.09	5.25
72	MP2B	Mx	.02	5.25
73	MP2C	X	29.179	.25
74	MP2C	Z	-16.847	.25
75	MP2C	Mx	-.021	.25
76	MP2C	X	29.179	5.25
77	MP2C	Z	-16.847	5.25
78	MP2C	Mx	-.021	5.25
79	MP2A	X	11.866	2
80	MP2A	Z	-6.851	2
81	MP2A	Mx	.006	2
82	MP2B	X	11.866	2
83	MP2B	Z	-6.851	2
84	MP2B	Mx	-.006	2
85	MP2C	X	15.183	2
86	MP2C	Z	-8.766	2
87	MP2C	Mx	0	2
88	MP3A	X	10.606	2
89	MP3A	Z	-6.123	2
90	MP3A	Mx	.005	2
91	MP3B	X	10.606	2
92	MP3B	Z	-6.123	2
93	MP3B	Mx	-.005	2
94	MP3C	X	15.183	2
95	MP3C	Z	-8.766	2
96	MP3C	Mx	0	2
97	MP3A	X	6.186	4.5
98	MP3A	Z	-3.571	4.5
99	MP3A	Mx	.003	4.5
100	MP3B	X	6.186	4.5
101	MP3B	Z	-3.571	4.5
102	MP3B	Mx	-.003	4.5
103	MP3C	X	8.916	4.5
104	MP3C	Z	-5.148	4.5
105	MP3C	Mx	0	4.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	M72	X	4.106	8.5
2	M72	Z	0	8.5
3	M72	Mx	.001	8.5
4	M72	X	8.478	8.5
5	M72	Z	0	8.5
6	M72	Mx	-.001	8.5
7	MP1A	X	8.985	1.75
8	MP1A	Z	0	1.75
9	MP1A	Mx	-.004	1.75
10	MP1A	X	8.985	3.75
11	MP1A	Z	0	3.75
12	MP1A	Mx	-.004	3.75
13	MP1B	X	17.438	1.75
14	MP1B	Z	0	1.75
15	MP1B	Mx	.004	1.75

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
16	MP1B	X	17.438	3.75
17	MP1B	Z	0	3.75
18	MP1B	Mx	.004	3.75
19	MP1C	X	17.438	1.75
20	MP1C	Z	0	1.75
21	MP1C	Mx	.004	1.75
22	MP1C	X	17.438	3.75
23	MP1C	Z	0	3.75
24	MP1C	Mx	.004	3.75
25	MP4A	X	20.686	.25
26	MP4A	Z	0	.25
27	MP4A	Mx	-.01	.25
28	MP4A	X	20.686	5.25
29	MP4A	Z	0	5.25
30	MP4A	Mx	-.01	5.25
31	MP4C	X	24.056	.25
32	MP4C	Z	0	.25
33	MP4C	Mx	.006	.25
34	MP4C	X	24.056	5.25
35	MP4C	Z	0	5.25
36	MP4C	Mx	.006	5.25
37	MP4B	X	24.056	.25
38	MP4B	Z	0	.25
39	MP4B	Mx	.006	.25
40	MP4B	X	24.056	5.25
41	MP4B	Z	0	5.25
42	MP4B	Mx	.006	5.25
43	MP2A	X	23.675	.25
44	MP2A	Z	0	.25
45	MP2A	Mx	-.012	.25
46	MP2A	X	23.675	5.25
47	MP2A	Z	0	5.25
48	MP2A	Mx	-.012	5.25
49	MP2B	X	31.189	.25
50	MP2B	Z	0	.25
51	MP2B	Mx	-.009	.25
52	MP2B	X	31.189	5.25
53	MP2B	Z	0	5.25
54	MP2B	Mx	-.009	5.25
55	MP2C	X	31.189	.25
56	MP2C	Z	0	.25
57	MP2C	Mx	.025	.25
58	MP2C	X	31.189	5.25
59	MP2C	Z	0	5.25
60	MP2C	Mx	.025	5.25
61	MP2A	X	23.675	.25
62	MP2A	Z	0	.25
63	MP2A	Mx	-.012	.25
64	MP2A	X	23.675	5.25
65	MP2A	Z	0	5.25
66	MP2A	Mx	-.012	5.25
67	MP2B	X	31.189	.25
68	MP2B	Z	0	.25
69	MP2B	Mx	.025	.25
70	MP2B	X	31.189	5.25
71	MP2B	Z	0	5.25
72	MP2B	Mx	.025	5.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
73	MP2C	X	31.189	.25
74	MP2C	Z	0	.25
75	MP2C	Mx	-.009	.25
76	MP2C	X	31.189	5.25
77	MP2C	Z	0	5.25
78	MP2C	Mx	-.009	5.25
79	MP2A	X	12.425	2
80	MP2A	Z	0	2
81	MP2A	Mx	.006	2
82	MP2B	X	16.255	2
83	MP2B	Z	0	2
84	MP2B	Mx	-.004	2
85	MP2C	X	16.255	2
86	MP2C	Z	0	2
87	MP2C	Mx	-.004	2
88	MP3A	X	10.485	2
89	MP3A	Z	0	2
90	MP3A	Mx	.005	2
91	MP3B	X	15.77	2
92	MP3B	Z	0	2
93	MP3B	Mx	-.004	2
94	MP3C	X	15.77	2
95	MP3C	Z	0	2
96	MP3C	Mx	-.004	2
97	MP3A	X	6.092	4.5
98	MP3A	Z	0	4.5
99	MP3A	Mx	.003	4.5
100	MP3B	X	9.244	4.5
101	MP3B	Z	0	4.5
102	MP3B	Mx	-.002	4.5
103	MP3C	X	9.244	4.5
104	MP3C	Z	0	4.5
105	MP3C	Mx	-.002	4.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	M72	X	4.818	8.5
2	M72	Z	2.782	8.5
3	M72	Mx	.001	8.5
4	M72	X	4.818	8.5
5	M72	Z	2.782	8.5
6	M72	Mx	-.001	8.5
7	MP1A	X	10.221	1.75
8	MP1A	Z	5.901	1.75
9	MP1A	Mx	-.005	1.75
10	MP1A	X	10.221	3.75
11	MP1A	Z	5.901	3.75
12	MP1A	Mx	-.005	3.75
13	MP1B	X	17.542	1.75
14	MP1B	Z	10.128	1.75
15	MP1B	Mx	0	1.75
16	MP1B	X	17.542	3.75
17	MP1B	Z	10.128	3.75
18	MP1B	Mx	0	3.75
19	MP1C	X	10.221	1.75
20	MP1C	Z	5.901	1.75

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
21	MP1C	Mx	.005	1.75
22	MP1C	X	10.221	3.75
23	MP1C	Z	5.901	3.75
24	MP1C	Mx	.005	3.75
25	MP4A	X	18.887	.25
26	MP4A	Z	10.905	.25
27	MP4A	Mx	-.009	.25
28	MP4A	X	18.887	5.25
29	MP4A	Z	10.905	5.25
30	MP4A	Mx	-.009	5.25
31	MP4C	X	18.887	.25
32	MP4C	Z	10.905	.25
33	MP4C	Mx	.009	.25
34	MP4C	X	18.887	5.25
35	MP4C	Z	10.905	5.25
36	MP4C	Mx	.009	5.25
37	MP4B	X	21.806	.25
38	MP4B	Z	12.589	.25
39	MP4B	Mx	0	.25
40	MP4B	X	21.806	5.25
41	MP4B	Z	12.589	5.25
42	MP4B	Mx	0	5.25
43	MP2A	X	22.672	.25
44	MP2A	Z	13.09	.25
45	MP2A	Mx	-.003	.25
46	MP2A	X	22.672	5.25
47	MP2A	Z	13.09	5.25
48	MP2A	Mx	-.003	5.25
49	MP2B	X	29.179	.25
50	MP2B	Z	16.847	.25
51	MP2B	Mx	-.021	.25
52	MP2B	X	29.179	5.25
53	MP2B	Z	16.847	5.25
54	MP2B	Mx	-.021	5.25
55	MP2C	X	22.672	.25
56	MP2C	Z	13.09	.25
57	MP2C	Mx	.02	.25
58	MP2C	X	22.672	5.25
59	MP2C	Z	13.09	5.25
60	MP2C	Mx	.02	5.25
61	MP2A	X	22.672	.25
62	MP2A	Z	13.09	.25
63	MP2A	Mx	-.02	.25
64	MP2A	X	22.672	5.25
65	MP2A	Z	13.09	5.25
66	MP2A	Mx	-.02	5.25
67	MP2B	X	29.179	.25
68	MP2B	Z	16.847	.25
69	MP2B	Mx	.021	.25
70	MP2B	X	29.179	5.25
71	MP2B	Z	16.847	5.25
72	MP2B	Mx	.021	5.25
73	MP2C	X	22.672	.25
74	MP2C	Z	13.09	.25
75	MP2C	Mx	.003	.25
76	MP2C	X	22.672	5.25
77	MP2C	Z	13.09	5.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
78	MP2C	Mx	.003	5.25
79	MP2A	X	11.866	2
80	MP2A	Z	6.851	2
81	MP2A	Mx	.006	2
82	MP2B	X	15.183	2
83	MP2B	Z	8.766	2
84	MP2B	Mx	0	2
85	MP2C	X	11.866	2
86	MP2C	Z	6.851	2
87	MP2C	Mx	-.006	2
88	MP3A	X	10.606	2
89	MP3A	Z	6.123	2
90	MP3A	Mx	.005	2
91	MP3B	X	15.183	2
92	MP3B	Z	8.766	2
93	MP3B	Mx	0	2
94	MP3C	X	10.606	2
95	MP3C	Z	6.123	2
96	MP3C	Mx	-.005	2
97	MP3A	X	6.186	4.5
98	MP3A	Z	3.571	4.5
99	MP3A	Mx	.003	4.5
100	MP3B	X	8.916	4.5
101	MP3B	Z	5.148	4.5
102	MP3B	Mx	0	4.5
103	MP3C	X	6.186	4.5
104	MP3C	Z	3.571	4.5
105	MP3C	Mx	-.003	4.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	M72	X	4.239	8.5
2	M72	Z	7.342	8.5
3	M72	Mx	.001	8.5
4	M72	X	2.053	8.5
5	M72	Z	3.556	8.5
6	M72	Mx	-.001	8.5
7	MP1A	X	8.719	1.75
8	MP1A	Z	15.102	1.75
9	MP1A	Mx	-.004	1.75
10	MP1A	X	8.719	3.75
11	MP1A	Z	15.102	3.75
12	MP1A	Mx	-.004	3.75
13	MP1B	X	8.719	1.75
14	MP1B	Z	15.102	1.75
15	MP1B	Mx	-.004	1.75
16	MP1B	X	8.719	3.75
17	MP1B	Z	15.102	3.75
18	MP1B	Mx	-.004	3.75
19	MP1C	X	4.493	1.75
20	MP1C	Z	7.781	1.75
21	MP1C	Mx	.004	1.75
22	MP1C	X	4.493	3.75
23	MP1C	Z	7.781	3.75
24	MP1C	Mx	.004	3.75
25	MP4A	X	12.028	.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
26	MP4A	Z	20.833	.25
27	MP4A	Mx	-.006	.25
28	MP4A	X	12.028	5.25
29	MP4A	Z	20.833	5.25
30	MP4A	Mx	-.006	5.25
31	MP4C	X	10.343	.25
32	MP4C	Z	17.914	.25
33	MP4C	Mx	.01	.25
34	MP4C	X	10.343	5.25
35	MP4C	Z	17.914	5.25
36	MP4C	Mx	.01	5.25
37	MP4B	X	12.028	.25
38	MP4B	Z	20.833	.25
39	MP4B	Mx	-.006	.25
40	MP4B	X	12.028	5.25
41	MP4B	Z	20.833	5.25
42	MP4B	Mx	-.006	5.25
43	MP2A	X	15.594	.25
44	MP2A	Z	27.01	.25
45	MP2A	Mx	.009	.25
46	MP2A	X	15.594	5.25
47	MP2A	Z	27.01	5.25
48	MP2A	Mx	.009	5.25
49	MP2B	X	15.594	.25
50	MP2B	Z	27.01	.25
51	MP2B	Mx	-.025	.25
52	MP2B	X	15.594	5.25
53	MP2B	Z	27.01	5.25
54	MP2B	Mx	-.025	5.25
55	MP2C	X	11.838	.25
56	MP2C	Z	20.504	.25
57	MP2C	Mx	.012	.25
58	MP2C	X	11.838	5.25
59	MP2C	Z	20.504	5.25
60	MP2C	Mx	.012	5.25
61	MP2A	X	15.594	.25
62	MP2A	Z	27.01	.25
63	MP2A	Mx	-.025	.25
64	MP2A	X	15.594	5.25
65	MP2A	Z	27.01	5.25
66	MP2A	Mx	-.025	5.25
67	MP2B	X	15.594	.25
68	MP2B	Z	27.01	.25
69	MP2B	Mx	.009	.25
70	MP2B	X	15.594	5.25
71	MP2B	Z	27.01	5.25
72	MP2B	Mx	.009	5.25
73	MP2C	X	11.838	.25
74	MP2C	Z	20.504	.25
75	MP2C	Mx	.012	.25
76	MP2C	X	11.838	5.25
77	MP2C	Z	20.504	5.25
78	MP2C	Mx	.012	5.25
79	MP2A	X	8.128	2
80	MP2A	Z	14.078	2
81	MP2A	Mx	.004	2
82	MP2B	X	8.128	2

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
83	MP2B	Z	14.078	2
84	MP2B	Mx	.004	2
85	MP2C	X	6.213	2
86	MP2C	Z	10.761	2
87	MP2C	Mx	-.006	2
88	MP3A	X	7.885	2
89	MP3A	Z	13.657	2
90	MP3A	Mx	.004	2
91	MP3B	X	7.885	2
92	MP3B	Z	13.657	2
93	MP3B	Mx	.004	2
94	MP3C	X	5.242	2
95	MP3C	Z	9.08	2
96	MP3C	Mx	-.005	2
97	MP3A	X	4.622	4.5
98	MP3A	Z	8.006	4.5
99	MP3A	Mx	.002	4.5
100	MP3B	X	4.622	4.5
101	MP3B	Z	8.006	4.5
102	MP3B	Mx	.002	4.5
103	MP3C	X	3.046	4.5
104	MP3C	Z	5.276	4.5
105	MP3C	Mx	-.003	4.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	M72	X	0	8.5
2	M72	Z	9.935	8.5
3	M72	Mx	0	8.5
4	M72	X	0	8.5
5	M72	Z	5.563	8.5
6	M72	Mx	-.001	8.5
7	MP1A	X	0	1.75
8	MP1A	Z	20.256	1.75
9	MP1A	Mx	0	1.75
10	MP1A	X	0	3.75
11	MP1A	Z	20.256	3.75
12	MP1A	Mx	0	3.75
13	MP1B	X	0	1.75
14	MP1B	Z	11.803	1.75
15	MP1B	Mx	-.005	1.75
16	MP1B	X	0	3.75
17	MP1B	Z	11.803	3.75
18	MP1B	Mx	-.005	3.75
19	MP1C	X	0	1.75
20	MP1C	Z	11.803	1.75
21	MP1C	Mx	.005	1.75
22	MP1C	X	0	3.75
23	MP1C	Z	11.803	3.75
24	MP1C	Mx	.005	3.75
25	MP4A	X	0	.25
26	MP4A	Z	25.179	.25
27	MP4A	Mx	0	.25
28	MP4A	X	0	5.25
29	MP4A	Z	25.179	5.25
30	MP4A	Mx	0	5.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
31	MP4C	X	0	.25
32	MP4C	Z	21.809	.25
33	MP4C	Mx	.009	.25
34	MP4C	X	0	5.25
35	MP4C	Z	21.809	5.25
36	MP4C	Mx	.009	5.25
37	MP4B	X	0	.25
38	MP4B	Z	21.809	.25
39	MP4B	Mx	-.009	.25
40	MP4B	X	0	5.25
41	MP4B	Z	21.809	5.25
42	MP4B	Mx	-.009	5.25
43	MP2A	X	0	.25
44	MP2A	Z	33.693	.25
45	MP2A	Mx	.021	.25
46	MP2A	X	0	5.25
47	MP2A	Z	33.693	5.25
48	MP2A	Mx	.021	5.25
49	MP2B	X	0	.25
50	MP2B	Z	26.18	.25
51	MP2B	Mx	-.02	.25
52	MP2B	X	0	5.25
53	MP2B	Z	26.18	5.25
54	MP2B	Mx	-.02	5.25
55	MP2C	X	0	.25
56	MP2C	Z	26.18	.25
57	MP2C	Mx	.003	.25
58	MP2C	X	0	5.25
59	MP2C	Z	26.18	5.25
60	MP2C	Mx	.003	5.25
61	MP2A	X	0	.25
62	MP2A	Z	33.693	.25
63	MP2A	Mx	-.021	.25
64	MP2A	X	0	5.25
65	MP2A	Z	33.693	5.25
66	MP2A	Mx	-.021	5.25
67	MP2B	X	0	.25
68	MP2B	Z	26.18	.25
69	MP2B	Mx	-.003	.25
70	MP2B	X	0	5.25
71	MP2B	Z	26.18	5.25
72	MP2B	Mx	-.003	5.25
73	MP2C	X	0	.25
74	MP2C	Z	26.18	.25
75	MP2C	Mx	.02	.25
76	MP2C	X	0	5.25
77	MP2C	Z	26.18	5.25
78	MP2C	Mx	.02	5.25
79	MP2A	X	0	2
80	MP2A	Z	17.532	2
81	MP2A	Mx	0	2
82	MP2B	X	0	2
83	MP2B	Z	13.702	2
84	MP2B	Mx	.006	2
85	MP2C	X	0	2
86	MP2C	Z	13.702	2
87	MP2C	Mx	-.006	2

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
88	MP3A	X	0	2
89	MP3A	Z	17.532	2
90	MP3A	Mx	0	2
91	MP3B	X	0	2
92	MP3B	Z	12.247	2
93	MP3B	Mx	.005	2
94	MP3C	X	0	2
95	MP3C	Z	12.247	2
96	MP3C	Mx	-.005	2
97	MP3A	X	0	4.5
98	MP3A	Z	10.295	4.5
99	MP3A	Mx	0	4.5
100	MP3B	X	0	4.5
101	MP3B	Z	7.143	4.5
102	MP3B	Mx	.003	4.5
103	MP3C	X	0	4.5
104	MP3C	Z	7.143	4.5
105	MP3C	Mx	-.003	4.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	M72	X	-4.239	8.5
2	M72	Z	7.342	8.5
3	M72	Mx	-.001	8.5
4	M72	X	-4.239	8.5
5	M72	Z	7.342	8.5
6	M72	Mx	-.001	8.5
7	MP1A	X	-8.719	1.75
8	MP1A	Z	15.102	1.75
9	MP1A	Mx	.004	1.75
10	MP1A	X	-8.719	3.75
11	MP1A	Z	15.102	3.75
12	MP1A	Mx	.004	3.75
13	MP1B	X	-4.493	1.75
14	MP1B	Z	7.781	1.75
15	MP1B	Mx	-.004	1.75
16	MP1B	X	-4.493	3.75
17	MP1B	Z	7.781	3.75
18	MP1B	Mx	-.004	3.75
19	MP1C	X	-8.719	1.75
20	MP1C	Z	15.102	1.75
21	MP1C	Mx	.004	1.75
22	MP1C	X	-8.719	3.75
23	MP1C	Z	15.102	3.75
24	MP1C	Mx	.004	3.75
25	MP4A	X	-12.028	.25
26	MP4A	Z	20.833	.25
27	MP4A	Mx	.006	.25
28	MP4A	X	-12.028	5.25
29	MP4A	Z	20.833	5.25
30	MP4A	Mx	.006	5.25
31	MP4C	X	-12.028	.25
32	MP4C	Z	20.833	.25
33	MP4C	Mx	.006	.25
34	MP4C	X	-12.028	5.25
35	MP4C	Z	20.833	5.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
36	MP4C	Mx	.006	5.25
37	MP4B	X	-10.343	.25
38	MP4B	Z	17.914	.25
39	MP4B	Mx	-.01	.25
40	MP4B	X	-10.343	5.25
41	MP4B	Z	17.914	5.25
42	MP4B	Mx	-.01	5.25
43	MP2A	X	-15.594	.25
44	MP2A	Z	27.01	.25
45	MP2A	Mx	.025	.25
46	MP2A	X	-15.594	5.25
47	MP2A	Z	27.01	5.25
48	MP2A	Mx	.025	5.25
49	MP2B	X	-11.838	.25
50	MP2B	Z	20.504	.25
51	MP2B	Mx	-.012	.25
52	MP2B	X	-11.838	5.25
53	MP2B	Z	20.504	5.25
54	MP2B	Mx	-.012	5.25
55	MP2C	X	-15.594	.25
56	MP2C	Z	27.01	.25
57	MP2C	Mx	-.009	.25
58	MP2C	X	-15.594	5.25
59	MP2C	Z	27.01	5.25
60	MP2C	Mx	-.009	5.25
61	MP2A	X	-15.594	.25
62	MP2A	Z	27.01	.25
63	MP2A	Mx	-.009	.25
64	MP2A	X	-15.594	5.25
65	MP2A	Z	27.01	5.25
66	MP2A	Mx	-.009	5.25
67	MP2B	X	-11.838	.25
68	MP2B	Z	20.504	.25
69	MP2B	Mx	-.012	.25
70	MP2B	X	-11.838	5.25
71	MP2B	Z	20.504	5.25
72	MP2B	Mx	-.012	5.25
73	MP2C	X	-15.594	.25
74	MP2C	Z	27.01	.25
75	MP2C	Mx	.025	.25
76	MP2C	X	-15.594	5.25
77	MP2C	Z	27.01	5.25
78	MP2C	Mx	.025	5.25
79	MP2A	X	-8.128	2
80	MP2A	Z	14.078	2
81	MP2A	Mx	-.004	2
82	MP2B	X	-6.213	2
83	MP2B	Z	10.761	2
84	MP2B	Mx	.006	2
85	MP2C	X	-8.128	2
86	MP2C	Z	14.078	2
87	MP2C	Mx	-.004	2
88	MP3A	X	-7.885	2
89	MP3A	Z	13.657	2
90	MP3A	Mx	-.004	2
91	MP3B	X	-5.242	2
92	MP3B	Z	9.08	2

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
93	MP3B	Mx	.005	2
94	MP3C	X	-7.885	2
95	MP3C	Z	13.657	2
96	MP3C	Mx	-.004	2
97	MP3A	X	-4.622	4.5
98	MP3A	Z	8.006	4.5
99	MP3A	Mx	-.002	4.5
100	MP3B	X	-3.046	4.5
101	MP3B	Z	5.276	4.5
102	MP3B	Mx	.003	4.5
103	MP3C	X	-4.622	4.5
104	MP3C	Z	8.006	4.5
105	MP3C	Mx	-.002	4.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	M72	X	-4.818	8.5
2	M72	Z	2.782	8.5
3	M72	Mx	-.001	8.5
4	M72	X	-8.604	8.5
5	M72	Z	4.967	8.5
6	M72	Mx	0	8.5
7	MP1A	X	-10.221	1.75
8	MP1A	Z	5.901	1.75
9	MP1A	Mx	.005	1.75
10	MP1A	X	-10.221	3.75
11	MP1A	Z	5.901	3.75
12	MP1A	Mx	.005	3.75
13	MP1B	X	-10.221	1.75
14	MP1B	Z	5.901	1.75
15	MP1B	Mx	-.005	1.75
16	MP1B	X	-10.221	3.75
17	MP1B	Z	5.901	3.75
18	MP1B	Mx	-.005	3.75
19	MP1C	X	-17.542	1.75
20	MP1C	Z	10.128	1.75
21	MP1C	Mx	0	1.75
22	MP1C	X	-17.542	3.75
23	MP1C	Z	10.128	3.75
24	MP1C	Mx	0	3.75
25	MP4A	X	-18.887	.25
26	MP4A	Z	10.905	.25
27	MP4A	Mx	.009	.25
28	MP4A	X	-18.887	5.25
29	MP4A	Z	10.905	5.25
30	MP4A	Mx	.009	5.25
31	MP4C	X	-21.806	.25
32	MP4C	Z	12.589	.25
33	MP4C	Mx	0	.25
34	MP4C	X	-21.806	5.25
35	MP4C	Z	12.589	5.25
36	MP4C	Mx	0	5.25
37	MP4B	X	-18.887	.25
38	MP4B	Z	10.905	.25
39	MP4B	Mx	-.009	.25
40	MP4B	X	-18.887	5.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
41	MP4B	Z	10.905	5.25
42	MP4B	Mx	-.009	5.25
43	MP2A	X	-22.672	.25
44	MP2A	Z	13.09	.25
45	MP2A	Mx	.02	.25
46	MP2A	X	-22.672	5.25
47	MP2A	Z	13.09	5.25
48	MP2A	Mx	.02	5.25
49	MP2B	X	-22.672	.25
50	MP2B	Z	13.09	.25
51	MP2B	Mx	-.003	.25
52	MP2B	X	-22.672	5.25
53	MP2B	Z	13.09	5.25
54	MP2B	Mx	-.003	5.25
55	MP2C	X	-29.179	.25
56	MP2C	Z	16.847	.25
57	MP2C	Mx	-.021	.25
58	MP2C	X	-29.179	5.25
59	MP2C	Z	16.847	5.25
60	MP2C	Mx	-.021	5.25
61	MP2A	X	-22.672	.25
62	MP2A	Z	13.09	.25
63	MP2A	Mx	.003	.25
64	MP2A	X	-22.672	5.25
65	MP2A	Z	13.09	5.25
66	MP2A	Mx	.003	5.25
67	MP2B	X	-22.672	.25
68	MP2B	Z	13.09	.25
69	MP2B	Mx	-.02	.25
70	MP2B	X	-22.672	5.25
71	MP2B	Z	13.09	5.25
72	MP2B	Mx	-.02	5.25
73	MP2C	X	-29.179	.25
74	MP2C	Z	16.847	.25
75	MP2C	Mx	.021	.25
76	MP2C	X	-29.179	5.25
77	MP2C	Z	16.847	5.25
78	MP2C	Mx	.021	5.25
79	MP2A	X	-11.866	2
80	MP2A	Z	6.851	2
81	MP2A	Mx	-.006	2
82	MP2B	X	-11.866	2
83	MP2B	Z	6.851	2
84	MP2B	Mx	.006	2
85	MP2C	X	-15.183	2
86	MP2C	Z	8.766	2
87	MP2C	Mx	0	2
88	MP3A	X	-10.606	2
89	MP3A	Z	6.123	2
90	MP3A	Mx	-.005	2
91	MP3B	X	-10.606	2
92	MP3B	Z	6.123	2
93	MP3B	Mx	.005	2
94	MP3C	X	-15.183	2
95	MP3C	Z	8.766	2
96	MP3C	Mx	0	2
97	MP3A	X	-6.186	4.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
98	MP3A	Z	3.571	4.5
99	MP3A	Mx	-.003	4.5
100	MP3B	X	-6.186	4.5
101	MP3B	Z	3.571	4.5
102	MP3B	Mx	.003	4.5
103	MP3C	X	-8.916	4.5
104	MP3C	Z	5.148	4.5
105	MP3C	Mx	0	4.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	M72	X	-4.106	8.5
2	M72	Z	0	8.5
3	M72	Mx	-.001	8.5
4	M72	X	-8.478	8.5
5	M72	Z	0	8.5
6	M72	Mx	.001	8.5
7	MP1A	X	-8.985	1.75
8	MP1A	Z	0	1.75
9	MP1A	Mx	.004	1.75
10	MP1A	X	-8.985	3.75
11	MP1A	Z	0	3.75
12	MP1A	Mx	.004	3.75
13	MP1B	X	-17.438	1.75
14	MP1B	Z	0	1.75
15	MP1B	Mx	-.004	1.75
16	MP1B	X	-17.438	3.75
17	MP1B	Z	0	3.75
18	MP1B	Mx	-.004	3.75
19	MP1C	X	-17.438	1.75
20	MP1C	Z	0	1.75
21	MP1C	Mx	-.004	1.75
22	MP1C	X	-17.438	3.75
23	MP1C	Z	0	3.75
24	MP1C	Mx	-.004	3.75
25	MP4A	X	-20.686	.25
26	MP4A	Z	0	.25
27	MP4A	Mx	.01	.25
28	MP4A	X	-20.686	5.25
29	MP4A	Z	0	5.25
30	MP4A	Mx	.01	5.25
31	MP4C	X	-24.056	.25
32	MP4C	Z	0	.25
33	MP4C	Mx	-.006	.25
34	MP4C	X	-24.056	5.25
35	MP4C	Z	0	5.25
36	MP4C	Mx	-.006	5.25
37	MP4B	X	-24.056	.25
38	MP4B	Z	0	.25
39	MP4B	Mx	-.006	.25
40	MP4B	X	-24.056	5.25
41	MP4B	Z	0	5.25
42	MP4B	Mx	-.006	5.25
43	MP2A	X	-23.675	.25
44	MP2A	Z	0	.25
45	MP2A	Mx	.012	.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
46	MP2A	X	-23.675	5.25
47	MP2A	Z	0	5.25
48	MP2A	Mx	.012	5.25
49	MP2B	X	-31.189	.25
50	MP2B	Z	0	.25
51	MP2B	Mx	.009	.25
52	MP2B	X	-31.189	5.25
53	MP2B	Z	0	5.25
54	MP2B	Mx	.009	5.25
55	MP2C	X	-31.189	.25
56	MP2C	Z	0	.25
57	MP2C	Mx	-.025	.25
58	MP2C	X	-31.189	5.25
59	MP2C	Z	0	5.25
60	MP2C	Mx	-.025	5.25
61	MP2A	X	-23.675	.25
62	MP2A	Z	0	.25
63	MP2A	Mx	.012	.25
64	MP2A	X	-23.675	5.25
65	MP2A	Z	0	5.25
66	MP2A	Mx	.012	5.25
67	MP2B	X	-31.189	.25
68	MP2B	Z	0	.25
69	MP2B	Mx	-.025	.25
70	MP2B	X	-31.189	5.25
71	MP2B	Z	0	5.25
72	MP2B	Mx	-.025	5.25
73	MP2C	X	-31.189	.25
74	MP2C	Z	0	.25
75	MP2C	Mx	.009	.25
76	MP2C	X	-31.189	5.25
77	MP2C	Z	0	5.25
78	MP2C	Mx	.009	5.25
79	MP2A	X	-12.425	2
80	MP2A	Z	0	2
81	MP2A	Mx	-.006	2
82	MP2B	X	-16.255	2
83	MP2B	Z	0	2
84	MP2B	Mx	.004	2
85	MP2C	X	-16.255	2
86	MP2C	Z	0	2
87	MP2C	Mx	.004	2
88	MP3A	X	-10.485	2
89	MP3A	Z	0	2
90	MP3A	Mx	-.005	2
91	MP3B	X	-15.77	2
92	MP3B	Z	0	2
93	MP3B	Mx	.004	2
94	MP3C	X	-15.77	2
95	MP3C	Z	0	2
96	MP3C	Mx	.004	2
97	MP3A	X	-6.092	4.5
98	MP3A	Z	0	4.5
99	MP3A	Mx	-.003	4.5
100	MP3B	X	-9.244	4.5
101	MP3B	Z	0	4.5
102	MP3B	Mx	.002	4.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
103	MP3C	X	-9.244	4.5
104	MP3C	Z	0	4.5
105	MP3C	Mx	.002	4.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	M72	X	-4.818	8.5
2	M72	Z	-2.782	8.5
3	M72	Mx	-.001	8.5
4	M72	X	-4.818	8.5
5	M72	Z	-2.782	8.5
6	M72	Mx	.001	8.5
7	MP1A	X	-10.221	1.75
8	MP1A	Z	-5.901	1.75
9	MP1A	Mx	.005	1.75
10	MP1A	X	-10.221	3.75
11	MP1A	Z	-5.901	3.75
12	MP1A	Mx	.005	3.75
13	MP1B	X	-17.542	1.75
14	MP1B	Z	-10.128	1.75
15	MP1B	Mx	0	1.75
16	MP1B	X	-17.542	3.75
17	MP1B	Z	-10.128	3.75
18	MP1B	Mx	0	3.75
19	MP1C	X	-10.221	1.75
20	MP1C	Z	-5.901	1.75
21	MP1C	Mx	-.005	1.75
22	MP1C	X	-10.221	3.75
23	MP1C	Z	-5.901	3.75
24	MP1C	Mx	-.005	3.75
25	MP4A	X	-18.887	.25
26	MP4A	Z	-10.905	.25
27	MP4A	Mx	.009	.25
28	MP4A	X	-18.887	5.25
29	MP4A	Z	-10.905	5.25
30	MP4A	Mx	.009	5.25
31	MP4C	X	-18.887	.25
32	MP4C	Z	-10.905	.25
33	MP4C	Mx	-.009	.25
34	MP4C	X	-18.887	5.25
35	MP4C	Z	-10.905	5.25
36	MP4C	Mx	-.009	5.25
37	MP4B	X	-21.806	.25
38	MP4B	Z	-12.589	.25
39	MP4B	Mx	0	.25
40	MP4B	X	-21.806	5.25
41	MP4B	Z	-12.589	5.25
42	MP4B	Mx	0	5.25
43	MP2A	X	-22.672	.25
44	MP2A	Z	-13.09	.25
45	MP2A	Mx	.003	.25
46	MP2A	X	-22.672	5.25
47	MP2A	Z	-13.09	5.25
48	MP2A	Mx	.003	5.25
49	MP2B	X	-29.179	.25
50	MP2B	Z	-16.847	.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
51	MP2B	Mx	.021	.25
52	MP2B	X	-29.179	5.25
53	MP2B	Z	-16.847	5.25
54	MP2B	Mx	.021	5.25
55	MP2C	X	-22.672	.25
56	MP2C	Z	-13.09	.25
57	MP2C	Mx	-.02	.25
58	MP2C	X	-22.672	5.25
59	MP2C	Z	-13.09	5.25
60	MP2C	Mx	-.02	5.25
61	MP2A	X	-22.672	.25
62	MP2A	Z	-13.09	.25
63	MP2A	Mx	.02	.25
64	MP2A	X	-22.672	5.25
65	MP2A	Z	-13.09	5.25
66	MP2A	Mx	.02	5.25
67	MP2B	X	-29.179	.25
68	MP2B	Z	-16.847	.25
69	MP2B	Mx	-.021	.25
70	MP2B	X	-29.179	5.25
71	MP2B	Z	-16.847	5.25
72	MP2B	Mx	-.021	5.25
73	MP2C	X	-22.672	.25
74	MP2C	Z	-13.09	.25
75	MP2C	Mx	-.003	.25
76	MP2C	X	-22.672	5.25
77	MP2C	Z	-13.09	5.25
78	MP2C	Mx	-.003	5.25
79	MP2A	X	-11.866	2
80	MP2A	Z	-6.851	2
81	MP2A	Mx	-.006	2
82	MP2B	X	-15.183	2
83	MP2B	Z	-8.766	2
84	MP2B	Mx	0	2
85	MP2C	X	-11.866	2
86	MP2C	Z	-6.851	2
87	MP2C	Mx	.006	2
88	MP3A	X	-10.606	2
89	MP3A	Z	-6.123	2
90	MP3A	Mx	-.005	2
91	MP3B	X	-15.183	2
92	MP3B	Z	-8.766	2
93	MP3B	Mx	0	2
94	MP3C	X	-10.606	2
95	MP3C	Z	-6.123	2
96	MP3C	Mx	.005	2
97	MP3A	X	-6.186	4.5
98	MP3A	Z	-3.571	4.5
99	MP3A	Mx	-.003	4.5
100	MP3B	X	-8.916	4.5
101	MP3B	Z	-5.148	4.5
102	MP3B	Mx	0	4.5
103	MP3C	X	-6.186	4.5
104	MP3C	Z	-3.571	4.5
105	MP3C	Mx	.003	4.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	M72	X	-4.239	8.5
2	M72	Z	-7.342	8.5
3	M72	Mx	-.001	8.5
4	M72	X	-2.053	8.5
5	M72	Z	-3.556	8.5
6	M72	Mx	.001	8.5
7	MP1A	X	-8.719	1.75
8	MP1A	Z	-15.102	1.75
9	MP1A	Mx	.004	1.75
10	MP1A	X	-8.719	3.75
11	MP1A	Z	-15.102	3.75
12	MP1A	Mx	.004	3.75
13	MP1B	X	-8.719	1.75
14	MP1B	Z	-15.102	1.75
15	MP1B	Mx	.004	1.75
16	MP1B	X	-8.719	3.75
17	MP1B	Z	-15.102	3.75
18	MP1B	Mx	.004	3.75
19	MP1C	X	-4.493	1.75
20	MP1C	Z	-7.781	1.75
21	MP1C	Mx	-.004	1.75
22	MP1C	X	-4.493	3.75
23	MP1C	Z	-7.781	3.75
24	MP1C	Mx	-.004	3.75
25	MP4A	X	-12.028	.25
26	MP4A	Z	-20.833	.25
27	MP4A	Mx	.006	.25
28	MP4A	X	-12.028	5.25
29	MP4A	Z	-20.833	5.25
30	MP4A	Mx	.006	5.25
31	MP4C	X	-10.343	.25
32	MP4C	Z	-17.914	.25
33	MP4C	Mx	-.01	.25
34	MP4C	X	-10.343	5.25
35	MP4C	Z	-17.914	5.25
36	MP4C	Mx	-.01	5.25
37	MP4B	X	-12.028	.25
38	MP4B	Z	-20.833	.25
39	MP4B	Mx	.006	.25
40	MP4B	X	-12.028	5.25
41	MP4B	Z	-20.833	5.25
42	MP4B	Mx	.006	5.25
43	MP2A	X	-15.594	.25
44	MP2A	Z	-27.01	.25
45	MP2A	Mx	-.009	.25
46	MP2A	X	-15.594	5.25
47	MP2A	Z	-27.01	5.25
48	MP2A	Mx	-.009	5.25
49	MP2B	X	-15.594	.25
50	MP2B	Z	-27.01	.25
51	MP2B	Mx	.025	.25
52	MP2B	X	-15.594	5.25
53	MP2B	Z	-27.01	5.25
54	MP2B	Mx	.025	5.25
55	MP2C	X	-11.838	.25
56	MP2C	Z	-20.504	.25
57	MP2C	Mx	-.012	.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
58	MP2C	X	-11.838	5.25
59	MP2C	Z	-20.504	5.25
60	MP2C	Mx	-.012	5.25
61	MP2A	X	-15.594	.25
62	MP2A	Z	-27.01	.25
63	MP2A	Mx	.025	.25
64	MP2A	X	-15.594	5.25
65	MP2A	Z	-27.01	5.25
66	MP2A	Mx	.025	5.25
67	MP2B	X	-15.594	.25
68	MP2B	Z	-27.01	.25
69	MP2B	Mx	-.009	.25
70	MP2B	X	-15.594	5.25
71	MP2B	Z	-27.01	5.25
72	MP2B	Mx	-.009	5.25
73	MP2C	X	-11.838	.25
74	MP2C	Z	-20.504	.25
75	MP2C	Mx	-.012	.25
76	MP2C	X	-11.838	5.25
77	MP2C	Z	-20.504	5.25
78	MP2C	Mx	-.012	5.25
79	MP2A	X	-8.128	2
80	MP2A	Z	-14.078	2
81	MP2A	Mx	-.004	2
82	MP2B	X	-8.128	2
83	MP2B	Z	-14.078	2
84	MP2B	Mx	-.004	2
85	MP2C	X	-6.213	2
86	MP2C	Z	-10.761	2
87	MP2C	Mx	.006	2
88	MP3A	X	-7.885	2
89	MP3A	Z	-13.657	2
90	MP3A	Mx	-.004	2
91	MP3B	X	-7.885	2
92	MP3B	Z	-13.657	2
93	MP3B	Mx	-.004	2
94	MP3C	X	-5.242	2
95	MP3C	Z	-9.08	2
96	MP3C	Mx	.005	2
97	MP3A	X	-4.622	4.5
98	MP3A	Z	-8.006	4.5
99	MP3A	Mx	-.002	4.5
100	MP3B	X	-4.622	4.5
101	MP3B	Z	-8.006	4.5
102	MP3B	Mx	-.002	4.5
103	MP3C	X	-3.046	4.5
104	MP3C	Z	-5.276	4.5
105	MP3C	Mx	.003	4.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	M72	X	0	8.5
2	M72	Z	-2.492	8.5
3	M72	Mx	0	8.5
4	M72	X	0	8.5
5	M72	Z	-1.19	8.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
6	M72	Mx	.000258	8.5
7	MP1A	X	0	1.75
8	MP1A	Z	-5.087	1.75
9	MP1A	Mx	0	1.75
10	MP1A	X	0	3.75
11	MP1A	Z	-5.087	3.75
12	MP1A	Mx	0	3.75
13	MP1B	X	0	1.75
14	MP1B	Z	-2.586	1.75
15	MP1B	Mx	.001	1.75
16	MP1B	X	0	3.75
17	MP1B	Z	-2.586	3.75
18	MP1B	Mx	.001	3.75
19	MP1C	X	0	1.75
20	MP1C	Z	-2.586	1.75
21	MP1C	Mx	-.001	1.75
22	MP1C	X	0	3.75
23	MP1C	Z	-2.586	3.75
24	MP1C	Mx	-.001	3.75
25	MP4A	X	0	.25
26	MP4A	Z	-7.475	.25
27	MP4A	Mx	0	.25
28	MP4A	X	0	5.25
29	MP4A	Z	-7.475	5.25
30	MP4A	Mx	0	5.25
31	MP4C	X	0	.25
32	MP4C	Z	-6.308	.25
33	MP4C	Mx	-.003	.25
34	MP4C	X	0	5.25
35	MP4C	Z	-6.308	5.25
36	MP4C	Mx	-.003	5.25
37	MP4B	X	0	.25
38	MP4B	Z	-6.308	.25
39	MP4B	Mx	.003	.25
40	MP4B	X	0	5.25
41	MP4B	Z	-6.308	5.25
42	MP4B	Mx	.003	5.25
43	MP2A	X	0	.25
44	MP2A	Z	-7.047	.25
45	MP2A	Mx	-.004	.25
46	MP2A	X	0	5.25
47	MP2A	Z	-7.047	5.25
48	MP2A	Mx	-.004	5.25
49	MP2B	X	0	.25
50	MP2B	Z	-4.03	.25
51	MP2B	Mx	.003	.25
52	MP2B	X	0	5.25
53	MP2B	Z	-4.03	5.25
54	MP2B	Mx	.003	5.25
55	MP2C	X	0	.25
56	MP2C	Z	-4.03	.25
57	MP2C	Mx	-.000486	.25
58	MP2C	X	0	5.25
59	MP2C	Z	-4.03	5.25
60	MP2C	Mx	-.000486	5.25
61	MP2A	X	0	.25
62	MP2A	Z	-7.047	.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
63	MP2A	Mx	.004	.25
64	MP2A	X	0	5.25
65	MP2A	Z	-7.047	5.25
66	MP2A	Mx	.004	5.25
67	MP2B	X	0	.25
68	MP2B	Z	-4.03	.25
69	MP2B	Mx	.000486	.25
70	MP2B	X	0	5.25
71	MP2B	Z	-4.03	5.25
72	MP2B	Mx	.000486	5.25
73	MP2C	X	0	.25
74	MP2C	Z	-4.03	.25
75	MP2C	Mx	-.003	.25
76	MP2C	X	0	5.25
77	MP2C	Z	-4.03	5.25
78	MP2C	Mx	-.003	5.25
79	MP2A	X	0	2
80	MP2A	Z	-4.023	2
81	MP2A	Mx	0	2
82	MP2B	X	0	2
83	MP2B	Z	-3.03	2
84	MP2B	Mx	-.001	2
85	MP2C	X	0	2
86	MP2C	Z	-3.03	2
87	MP2C	Mx	.001	2
88	MP3A	X	0	2
89	MP3A	Z	-4.023	2
90	MP3A	Mx	0	2
91	MP3B	X	0	2
92	MP3B	Z	-2.66	2
93	MP3B	Mx	-.001	2
94	MP3C	X	0	2
95	MP3C	Z	-2.66	2
96	MP3C	Mx	.001	2
97	MP3A	X	0	4.5
98	MP3A	Z	-1.869	4.5
99	MP3A	Mx	0	4.5
100	MP3B	X	0	4.5
101	MP3B	Z	-1.129	4.5
102	MP3B	Mx	-.000489	4.5
103	MP3C	X	0	4.5
104	MP3C	Z	-1.129	4.5
105	MP3C	Mx	.000489	4.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	M72	X	1.029	8.5
2	M72	Z	-1.782	8.5
3	M72	Mx	.000257	8.5
4	M72	X	1.029	8.5
5	M72	Z	-1.782	8.5
6	M72	Mx	.000257	8.5
7	MP1A	X	2.127	1.75
8	MP1A	Z	-3.684	1.75
9	MP1A	Mx	-.001	1.75
10	MP1A	X	2.127	3.75

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
11	MP1A	Z	-3.684	3.75
12	MP1A	Mx	-.001	3.75
13	MP1B	X	.876	1.75
14	MP1B	Z	-1.517	1.75
15	MP1B	Mx	.000876	1.75
16	MP1B	X	.876	3.75
17	MP1B	Z	-1.517	3.75
18	MP1B	Mx	.000876	3.75
19	MP1C	X	2.127	1.75
20	MP1C	Z	-3.684	1.75
21	MP1C	Mx	-.001	1.75
22	MP1C	X	2.127	3.75
23	MP1C	Z	-3.684	3.75
24	MP1C	Mx	-.001	3.75
25	MP4A	X	3.543	.25
26	MP4A	Z	-6.137	.25
27	MP4A	Mx	-.002	.25
28	MP4A	X	3.543	5.25
29	MP4A	Z	-6.137	5.25
30	MP4A	Mx	-.002	5.25
31	MP4C	X	3.543	.25
32	MP4C	Z	-6.137	.25
33	MP4C	Mx	-.002	.25
34	MP4C	X	3.543	5.25
35	MP4C	Z	-6.137	5.25
36	MP4C	Mx	-.002	5.25
37	MP4B	X	2.959	.25
38	MP4B	Z	-5.126	.25
39	MP4B	Mx	.003	.25
40	MP4B	X	2.959	5.25
41	MP4B	Z	-5.126	5.25
42	MP4B	Mx	.003	5.25
43	MP2A	X	3.021	.25
44	MP2A	Z	-5.232	.25
45	MP2A	Mx	-.005	.25
46	MP2A	X	3.021	5.25
47	MP2A	Z	-5.232	5.25
48	MP2A	Mx	-.005	5.25
49	MP2B	X	1.512	.25
50	MP2B	Z	-2.619	.25
51	MP2B	Mx	.002	.25
52	MP2B	X	1.512	5.25
53	MP2B	Z	-2.619	5.25
54	MP2B	Mx	.002	5.25
55	MP2C	X	3.021	.25
56	MP2C	Z	-5.232	.25
57	MP2C	Mx	.002	.25
58	MP2C	X	3.021	5.25
59	MP2C	Z	-5.232	5.25
60	MP2C	Mx	.002	5.25
61	MP2A	X	3.021	.25
62	MP2A	Z	-5.232	.25
63	MP2A	Mx	.002	.25
64	MP2A	X	3.021	5.25
65	MP2A	Z	-5.232	5.25
66	MP2A	Mx	.002	5.25
67	MP2B	X	1.512	.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
68	MP2B	Z	-2.619	.25
69	MP2B	Mx	.002	.25
70	MP2B	X	1.512	5.25
71	MP2B	Z	-2.619	5.25
72	MP2B	Mx	.002	5.25
73	MP2C	X	3.021	.25
74	MP2C	Z	-5.232	.25
75	MP2C	Mx	-.005	.25
76	MP2C	X	3.021	5.25
77	MP2C	Z	-5.232	5.25
78	MP2C	Mx	-.005	5.25
79	MP2A	X	1.846	2
80	MP2A	Z	-3.197	2
81	MP2A	Mx	.000923	2
82	MP2B	X	1.35	2
83	MP2B	Z	-2.338	2
84	MP2B	Mx	-.001	2
85	MP2C	X	1.846	2
86	MP2C	Z	-3.197	2
87	MP2C	Mx	.000923	2
88	MP3A	X	1.784	2
89	MP3A	Z	-3.091	2
90	MP3A	Mx	.000892	2
91	MP3B	X	1.103	2
92	MP3B	Z	-1.911	2
93	MP3B	Mx	-.001	2
94	MP3C	X	1.784	2
95	MP3C	Z	-3.091	2
96	MP3C	Mx	.000892	2
97	MP3A	X	.811	4.5
98	MP3A	Z	-1.405	4.5
99	MP3A	Mx	.000406	4.5
100	MP3B	X	.441	4.5
101	MP3B	Z	-.764	4.5
102	MP3B	Mx	-.000441	4.5
103	MP3C	X	.811	4.5
104	MP3C	Z	-1.405	4.5
105	MP3C	Mx	.000406	4.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	M72	X	1.03	8.5
2	M72	Z	-.595	8.5
3	M72	Mx	.000257	8.5
4	M72	X	2.158	8.5
5	M72	Z	-1.246	8.5
6	M72	Mx	0	8.5
7	MP1A	X	2.239	1.75
8	MP1A	Z	-1.293	1.75
9	MP1A	Mx	-.001	1.75
10	MP1A	X	2.239	3.75
11	MP1A	Z	-1.293	3.75
12	MP1A	Mx	-.001	3.75
13	MP1B	X	2.239	1.75
14	MP1B	Z	-1.293	1.75
15	MP1B	Mx	.001	1.75

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
16	MP1B	X	2.239	3.75
17	MP1B	Z	-1.293	3.75
18	MP1B	Mx	.001	3.75
19	MP1C	X	4.406	1.75
20	MP1C	Z	-2.544	1.75
21	MP1C	Mx	0	1.75
22	MP1C	X	4.406	3.75
23	MP1C	Z	-2.544	3.75
24	MP1C	Mx	0	3.75
25	MP4A	X	5.463	.25
26	MP4A	Z	-3.154	.25
27	MP4A	Mx	-.003	.25
28	MP4A	X	5.463	5.25
29	MP4A	Z	-3.154	5.25
30	MP4A	Mx	-.003	5.25
31	MP4C	X	6.474	.25
32	MP4C	Z	-3.738	.25
33	MP4C	Mx	0	.25
34	MP4C	X	6.474	5.25
35	MP4C	Z	-3.738	5.25
36	MP4C	Mx	0	5.25
37	MP4B	X	5.463	.25
38	MP4B	Z	-3.154	.25
39	MP4B	Mx	.003	.25
40	MP4B	X	5.463	5.25
41	MP4B	Z	-3.154	5.25
42	MP4B	Mx	.003	5.25
43	MP2A	X	3.49	.25
44	MP2A	Z	-2.015	.25
45	MP2A	Mx	-.003	.25
46	MP2A	X	3.49	5.25
47	MP2A	Z	-2.015	5.25
48	MP2A	Mx	-.003	5.25
49	MP2B	X	3.49	.25
50	MP2B	Z	-2.015	.25
51	MP2B	Mx	.000486	.25
52	MP2B	X	3.49	5.25
53	MP2B	Z	-2.015	5.25
54	MP2B	Mx	.000486	5.25
55	MP2C	X	6.103	.25
56	MP2C	Z	-3.523	.25
57	MP2C	Mx	.004	.25
58	MP2C	X	6.103	5.25
59	MP2C	Z	-3.523	5.25
60	MP2C	Mx	.004	5.25
61	MP2A	X	3.49	.25
62	MP2A	Z	-2.015	.25
63	MP2A	Mx	-.000486	.25
64	MP2A	X	3.49	5.25
65	MP2A	Z	-2.015	5.25
66	MP2A	Mx	-.000486	5.25
67	MP2B	X	3.49	.25
68	MP2B	Z	-2.015	.25
69	MP2B	Mx	.003	.25
70	MP2B	X	3.49	5.25
71	MP2B	Z	-2.015	5.25
72	MP2B	Mx	.003	5.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
73	MP2C	X	6.103	.25
74	MP2C	Z	-3.523	.25
75	MP2C	Mx	-.004	.25
76	MP2C	X	6.103	5.25
77	MP2C	Z	-3.523	5.25
78	MP2C	Mx	-.004	5.25
79	MP2A	X	2.624	2
80	MP2A	Z	-1.515	2
81	MP2A	Mx	.001	2
82	MP2B	X	2.624	2
83	MP2B	Z	-1.515	2
84	MP2B	Mx	-.001	2
85	MP2C	X	3.484	2
86	MP2C	Z	-2.012	2
87	MP2C	Mx	0	2
88	MP3A	X	2.304	2
89	MP3A	Z	-1.33	2
90	MP3A	Mx	.001	2
91	MP3B	X	2.304	2
92	MP3B	Z	-1.33	2
93	MP3B	Mx	-.001	2
94	MP3C	X	3.484	2
95	MP3C	Z	-2.012	2
96	MP3C	Mx	0	2
97	MP3A	X	.978	4.5
98	MP3A	Z	-.565	4.5
99	MP3A	Mx	.000489	4.5
100	MP3B	X	.978	4.5
101	MP3B	Z	-.565	4.5
102	MP3B	Mx	-.000489	4.5
103	MP3C	X	1.618	4.5
104	MP3C	Z	-.934	4.5
105	MP3C	Mx	0	4.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	M72	X	.756	8.5
2	M72	Z	0	8.5
3	M72	Mx	.000189	8.5
4	M72	X	2.058	8.5
5	M72	Z	0	8.5
6	M72	Mx	-.000257	8.5
7	MP1A	X	1.752	1.75
8	MP1A	Z	0	1.75
9	MP1A	Mx	-.000876	1.75
10	MP1A	X	1.752	3.75
11	MP1A	Z	0	3.75
12	MP1A	Mx	-.000876	3.75
13	MP1B	X	4.253	1.75
14	MP1B	Z	0	1.75
15	MP1B	Mx	.001	1.75
16	MP1B	X	4.253	3.75
17	MP1B	Z	0	3.75
18	MP1B	Mx	.001	3.75
19	MP1C	X	4.253	1.75
20	MP1C	Z	0	1.75

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
21	MP1C	Mx	.001	1.75
22	MP1C	X	4.253	3.75
23	MP1C	Z	0	3.75
24	MP1C	Mx	.001	3.75
25	MP4A	X	5.919	.25
26	MP4A	Z	0	.25
27	MP4A	Mx	-.003	.25
28	MP4A	X	5.919	5.25
29	MP4A	Z	0	5.25
30	MP4A	Mx	-.003	5.25
31	MP4C	X	7.086	.25
32	MP4C	Z	0	.25
33	MP4C	Mx	.002	.25
34	MP4C	X	7.086	5.25
35	MP4C	Z	0	5.25
36	MP4C	Mx	.002	5.25
37	MP4B	X	7.086	.25
38	MP4B	Z	0	.25
39	MP4B	Mx	.002	.25
40	MP4B	X	7.086	5.25
41	MP4B	Z	0	5.25
42	MP4B	Mx	.002	5.25
43	MP2A	X	3.024	.25
44	MP2A	Z	0	.25
45	MP2A	Mx	-.002	.25
46	MP2A	X	3.024	5.25
47	MP2A	Z	0	5.25
48	MP2A	Mx	-.002	5.25
49	MP2B	X	6.041	.25
50	MP2B	Z	0	.25
51	MP2B	Mx	-.002	.25
52	MP2B	X	6.041	5.25
53	MP2B	Z	0	5.25
54	MP2B	Mx	-.002	5.25
55	MP2C	X	6.041	.25
56	MP2C	Z	0	.25
57	MP2C	Mx	.005	.25
58	MP2C	X	6.041	5.25
59	MP2C	Z	0	5.25
60	MP2C	Mx	.005	5.25
61	MP2A	X	3.024	.25
62	MP2A	Z	0	.25
63	MP2A	Mx	-.002	.25
64	MP2A	X	3.024	5.25
65	MP2A	Z	0	5.25
66	MP2A	Mx	-.002	5.25
67	MP2B	X	6.041	.25
68	MP2B	Z	0	.25
69	MP2B	Mx	.005	.25
70	MP2B	X	6.041	5.25
71	MP2B	Z	0	5.25
72	MP2B	Mx	.005	5.25
73	MP2C	X	6.041	.25
74	MP2C	Z	0	.25
75	MP2C	Mx	-.002	.25
76	MP2C	X	6.041	5.25
77	MP2C	Z	0	5.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
78	MP2C	Mx	-.002	5.25
79	MP2A	X	2.699	2
80	MP2A	Z	0	2
81	MP2A	Mx	.001	2
82	MP2B	X	3.692	2
83	MP2B	Z	0	2
84	MP2B	Mx	-.000923	2
85	MP2C	X	3.692	2
86	MP2C	Z	0	2
87	MP2C	Mx	-.000923	2
88	MP3A	X	2.206	2
89	MP3A	Z	0	2
90	MP3A	Mx	.001	2
91	MP3B	X	3.569	2
92	MP3B	Z	0	2
93	MP3B	Mx	-.000892	2
94	MP3C	X	3.569	2
95	MP3C	Z	0	2
96	MP3C	Mx	-.000892	2
97	MP3A	X	.882	4.5
98	MP3A	Z	0	4.5
99	MP3A	Mx	.000441	4.5
100	MP3B	X	1.622	4.5
101	MP3B	Z	0	4.5
102	MP3B	Mx	-.000406	4.5
103	MP3C	X	1.622	4.5
104	MP3C	Z	0	4.5
105	MP3C	Mx	-.000406	4.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	M72	X	1.03	8.5
2	M72	Z	.595	8.5
3	M72	Mx	.000257	8.5
4	M72	X	1.03	8.5
5	M72	Z	.595	8.5
6	M72	Mx	-.000258	8.5
7	MP1A	X	2.239	1.75
8	MP1A	Z	1.293	1.75
9	MP1A	Mx	-.001	1.75
10	MP1A	X	2.239	3.75
11	MP1A	Z	1.293	3.75
12	MP1A	Mx	-.001	3.75
13	MP1B	X	4.406	1.75
14	MP1B	Z	2.544	1.75
15	MP1B	Mx	0	1.75
16	MP1B	X	4.406	3.75
17	MP1B	Z	2.544	3.75
18	MP1B	Mx	0	3.75
19	MP1C	X	2.239	1.75
20	MP1C	Z	1.293	1.75
21	MP1C	Mx	.001	1.75
22	MP1C	X	2.239	3.75
23	MP1C	Z	1.293	3.75
24	MP1C	Mx	.001	3.75
25	MP4A	X	5.463	.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
26	MP4A	Z	3.154	.25
27	MP4A	Mx	-.003	.25
28	MP4A	X	5.463	5.25
29	MP4A	Z	3.154	5.25
30	MP4A	Mx	-.003	5.25
31	MP4C	X	5.463	.25
32	MP4C	Z	3.154	.25
33	MP4C	Mx	.003	.25
34	MP4C	X	5.463	5.25
35	MP4C	Z	3.154	5.25
36	MP4C	Mx	.003	5.25
37	MP4B	X	6.474	.25
38	MP4B	Z	3.738	.25
39	MP4B	Mx	0	.25
40	MP4B	X	6.474	5.25
41	MP4B	Z	3.738	5.25
42	MP4B	Mx	0	5.25
43	MP2A	X	3.49	.25
44	MP2A	Z	2.015	.25
45	MP2A	Mx	-.000486	.25
46	MP2A	X	3.49	5.25
47	MP2A	Z	2.015	5.25
48	MP2A	Mx	-.000486	5.25
49	MP2B	X	6.103	.25
50	MP2B	Z	3.523	.25
51	MP2B	Mx	-.004	.25
52	MP2B	X	6.103	5.25
53	MP2B	Z	3.523	5.25
54	MP2B	Mx	-.004	5.25
55	MP2C	X	3.49	.25
56	MP2C	Z	2.015	.25
57	MP2C	Mx	.003	.25
58	MP2C	X	3.49	5.25
59	MP2C	Z	2.015	5.25
60	MP2C	Mx	.003	5.25
61	MP2A	X	3.49	.25
62	MP2A	Z	2.015	.25
63	MP2A	Mx	-.003	.25
64	MP2A	X	3.49	5.25
65	MP2A	Z	2.015	5.25
66	MP2A	Mx	-.003	5.25
67	MP2B	X	6.103	.25
68	MP2B	Z	3.523	.25
69	MP2B	Mx	.004	.25
70	MP2B	X	6.103	5.25
71	MP2B	Z	3.523	5.25
72	MP2B	Mx	.004	5.25
73	MP2C	X	3.49	.25
74	MP2C	Z	2.015	.25
75	MP2C	Mx	.000486	.25
76	MP2C	X	3.49	5.25
77	MP2C	Z	2.015	5.25
78	MP2C	Mx	.000486	5.25
79	MP2A	X	2.624	2
80	MP2A	Z	1.515	2
81	MP2A	Mx	.001	2
82	MP2B	X	3.484	2

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
83	MP2B	Z	2.012	2
84	MP2B	Mx	0	2
85	MP2C	X	2.624	2
86	MP2C	Z	1.515	2
87	MP2C	Mx	-.001	2
88	MP3A	X	2.304	2
89	MP3A	Z	1.33	2
90	MP3A	Mx	.001	2
91	MP3B	X	3.484	2
92	MP3B	Z	2.012	2
93	MP3B	Mx	0	2
94	MP3C	X	2.304	2
95	MP3C	Z	1.33	2
96	MP3C	Mx	-.001	2
97	MP3A	X	.978	4.5
98	MP3A	Z	.565	4.5
99	MP3A	Mx	.000489	4.5
100	MP3B	X	1.618	4.5
101	MP3B	Z	.934	4.5
102	MP3B	Mx	0	4.5
103	MP3C	X	.978	4.5
104	MP3C	Z	.565	4.5
105	MP3C	Mx	-.000489	4.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	M72	X	1.029	8.5
2	M72	Z	1.782	8.5
3	M72	Mx	.000257	8.5
4	M72	X	.378	8.5
5	M72	Z	.654	8.5
6	M72	Mx	-.000189	8.5
7	MP1A	X	2.127	1.75
8	MP1A	Z	3.684	1.75
9	MP1A	Mx	-.001	1.75
10	MP1A	X	2.127	3.75
11	MP1A	Z	3.684	3.75
12	MP1A	Mx	-.001	3.75
13	MP1B	X	2.127	1.75
14	MP1B	Z	3.684	1.75
15	MP1B	Mx	-.001	1.75
16	MP1B	X	2.127	3.75
17	MP1B	Z	3.684	3.75
18	MP1B	Mx	-.001	3.75
19	MP1C	X	.876	1.75
20	MP1C	Z	1.517	1.75
21	MP1C	Mx	.000876	1.75
22	MP1C	X	.876	3.75
23	MP1C	Z	1.517	3.75
24	MP1C	Mx	.000876	3.75
25	MP4A	X	3.543	.25
26	MP4A	Z	6.137	.25
27	MP4A	Mx	-.002	.25
28	MP4A	X	3.543	5.25
29	MP4A	Z	6.137	5.25
30	MP4A	Mx	-.002	5.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
31	MP4C	X	2.959	.25
32	MP4C	Z	5.126	.25
33	MP4C	Mx	.003	.25
34	MP4C	X	2.959	5.25
35	MP4C	Z	5.126	5.25
36	MP4C	Mx	.003	5.25
37	MP4B	X	3.543	.25
38	MP4B	Z	6.137	.25
39	MP4B	Mx	-.002	.25
40	MP4B	X	3.543	5.25
41	MP4B	Z	6.137	5.25
42	MP4B	Mx	-.002	5.25
43	MP2A	X	3.021	.25
44	MP2A	Z	5.232	.25
45	MP2A	Mx	.002	.25
46	MP2A	X	3.021	5.25
47	MP2A	Z	5.232	5.25
48	MP2A	Mx	.002	5.25
49	MP2B	X	3.021	.25
50	MP2B	Z	5.232	.25
51	MP2B	Mx	-.005	.25
52	MP2B	X	3.021	5.25
53	MP2B	Z	5.232	5.25
54	MP2B	Mx	-.005	5.25
55	MP2C	X	1.512	.25
56	MP2C	Z	2.619	.25
57	MP2C	Mx	.002	.25
58	MP2C	X	1.512	5.25
59	MP2C	Z	2.619	5.25
60	MP2C	Mx	.002	5.25
61	MP2A	X	3.021	.25
62	MP2A	Z	5.232	.25
63	MP2A	Mx	-.005	.25
64	MP2A	X	3.021	5.25
65	MP2A	Z	5.232	5.25
66	MP2A	Mx	-.005	5.25
67	MP2B	X	3.021	.25
68	MP2B	Z	5.232	.25
69	MP2B	Mx	.002	.25
70	MP2B	X	3.021	5.25
71	MP2B	Z	5.232	5.25
72	MP2B	Mx	.002	5.25
73	MP2C	X	1.512	.25
74	MP2C	Z	2.619	.25
75	MP2C	Mx	.002	.25
76	MP2C	X	1.512	5.25
77	MP2C	Z	2.619	5.25
78	MP2C	Mx	.002	5.25
79	MP2A	X	1.846	2
80	MP2A	Z	3.197	2
81	MP2A	Mx	.000923	2
82	MP2B	X	1.846	2
83	MP2B	Z	3.197	2
84	MP2B	Mx	.000923	2
85	MP2C	X	1.35	2
86	MP2C	Z	2.338	2
87	MP2C	Mx	-.001	2

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
88	MP3A	X	1.784	2
89	MP3A	Z	3.091	2
90	MP3A	Mx	.000892	2
91	MP3B	X	1.784	2
92	MP3B	Z	3.091	2
93	MP3B	Mx	.000892	2
94	MP3C	X	1.103	2
95	MP3C	Z	1.911	2
96	MP3C	Mx	-.001	2
97	MP3A	X	.811	4.5
98	MP3A	Z	1.405	4.5
99	MP3A	Mx	.000406	4.5
100	MP3B	X	.811	4.5
101	MP3B	Z	1.405	4.5
102	MP3B	Mx	.000406	4.5
103	MP3C	X	.441	4.5
104	MP3C	Z	.764	4.5
105	MP3C	Mx	-.000441	4.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	M72	X	0	8.5
2	M72	Z	2.492	8.5
3	M72	Mx	0	8.5
4	M72	X	0	8.5
5	M72	Z	1.19	8.5
6	M72	Mx	-.000258	8.5
7	MP1A	X	0	1.75
8	MP1A	Z	5.087	1.75
9	MP1A	Mx	0	1.75
10	MP1A	X	0	3.75
11	MP1A	Z	5.087	3.75
12	MP1A	Mx	0	3.75
13	MP1B	X	0	1.75
14	MP1B	Z	2.586	1.75
15	MP1B	Mx	-.001	1.75
16	MP1B	X	0	3.75
17	MP1B	Z	2.586	3.75
18	MP1B	Mx	-.001	3.75
19	MP1C	X	0	1.75
20	MP1C	Z	2.586	1.75
21	MP1C	Mx	.001	1.75
22	MP1C	X	0	3.75
23	MP1C	Z	2.586	3.75
24	MP1C	Mx	.001	3.75
25	MP4A	X	0	.25
26	MP4A	Z	7.475	.25
27	MP4A	Mx	0	.25
28	MP4A	X	0	5.25
29	MP4A	Z	7.475	5.25
30	MP4A	Mx	0	5.25
31	MP4C	X	0	.25
32	MP4C	Z	6.308	.25
33	MP4C	Mx	.003	.25
34	MP4C	X	0	5.25
35	MP4C	Z	6.308	5.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
36	MP4C	Mx	.003	5.25
37	MP4B	X	0	.25
38	MP4B	Z	6.308	.25
39	MP4B	Mx	-.003	.25
40	MP4B	X	0	5.25
41	MP4B	Z	6.308	5.25
42	MP4B	Mx	-.003	5.25
43	MP2A	X	0	.25
44	MP2A	Z	7.047	.25
45	MP2A	Mx	.004	.25
46	MP2A	X	0	5.25
47	MP2A	Z	7.047	5.25
48	MP2A	Mx	.004	5.25
49	MP2B	X	0	.25
50	MP2B	Z	4.03	.25
51	MP2B	Mx	-.003	.25
52	MP2B	X	0	5.25
53	MP2B	Z	4.03	5.25
54	MP2B	Mx	-.003	5.25
55	MP2C	X	0	.25
56	MP2C	Z	4.03	.25
57	MP2C	Mx	.000486	.25
58	MP2C	X	0	5.25
59	MP2C	Z	4.03	5.25
60	MP2C	Mx	.000486	5.25
61	MP2A	X	0	.25
62	MP2A	Z	7.047	.25
63	MP2A	Mx	-.004	.25
64	MP2A	X	0	5.25
65	MP2A	Z	7.047	5.25
66	MP2A	Mx	-.004	5.25
67	MP2B	X	0	.25
68	MP2B	Z	4.03	.25
69	MP2B	Mx	-.000486	.25
70	MP2B	X	0	5.25
71	MP2B	Z	4.03	5.25
72	MP2B	Mx	-.000486	5.25
73	MP2C	X	0	.25
74	MP2C	Z	4.03	.25
75	MP2C	Mx	.003	.25
76	MP2C	X	0	5.25
77	MP2C	Z	4.03	5.25
78	MP2C	Mx	.003	5.25
79	MP2A	X	0	2
80	MP2A	Z	4.023	2
81	MP2A	Mx	0	2
82	MP2B	X	0	2
83	MP2B	Z	3.03	2
84	MP2B	Mx	.001	2
85	MP2C	X	0	2
86	MP2C	Z	3.03	2
87	MP2C	Mx	-.001	2
88	MP3A	X	0	2
89	MP3A	Z	4.023	2
90	MP3A	Mx	0	2
91	MP3B	X	0	2
92	MP3B	Z	2.66	2

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
93	MP3B	Mx	.001	2
94	MP3C	X	0	2
95	MP3C	Z	2.66	2
96	MP3C	Mx	-.001	2
97	MP3A	X	0	4.5
98	MP3A	Z	1.869	4.5
99	MP3A	Mx	0	4.5
100	MP3B	X	0	4.5
101	MP3B	Z	1.129	4.5
102	MP3B	Mx	.000489	4.5
103	MP3C	X	0	4.5
104	MP3C	Z	1.129	4.5
105	MP3C	Mx	-.000489	4.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	M72	X	-1.029	8.5
2	M72	Z	1.782	8.5
3	M72	Mx	-.000257	8.5
4	M72	X	-1.029	8.5
5	M72	Z	1.782	8.5
6	M72	Mx	-.000257	8.5
7	MP1A	X	-2.127	1.75
8	MP1A	Z	3.684	1.75
9	MP1A	Mx	.001	1.75
10	MP1A	X	-2.127	3.75
11	MP1A	Z	3.684	3.75
12	MP1A	Mx	.001	3.75
13	MP1B	X	-.876	1.75
14	MP1B	Z	1.517	1.75
15	MP1B	Mx	-.000876	1.75
16	MP1B	X	-.876	3.75
17	MP1B	Z	1.517	3.75
18	MP1B	Mx	-.000876	3.75
19	MP1C	X	-2.127	1.75
20	MP1C	Z	3.684	1.75
21	MP1C	Mx	.001	1.75
22	MP1C	X	-2.127	3.75
23	MP1C	Z	3.684	3.75
24	MP1C	Mx	.001	3.75
25	MP4A	X	-3.543	.25
26	MP4A	Z	6.137	.25
27	MP4A	Mx	.002	.25
28	MP4A	X	-3.543	5.25
29	MP4A	Z	6.137	5.25
30	MP4A	Mx	.002	5.25
31	MP4C	X	-3.543	.25
32	MP4C	Z	6.137	.25
33	MP4C	Mx	.002	.25
34	MP4C	X	-3.543	5.25
35	MP4C	Z	6.137	5.25
36	MP4C	Mx	.002	5.25
37	MP4B	X	-2.959	.25
38	MP4B	Z	5.126	.25
39	MP4B	Mx	-.003	.25
40	MP4B	X	-2.959	5.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
41	MP4B	Z	5.126	5.25
42	MP4B	Mx	-.003	5.25
43	MP2A	X	-3.021	.25
44	MP2A	Z	5.232	.25
45	MP2A	Mx	.005	.25
46	MP2A	X	-3.021	5.25
47	MP2A	Z	5.232	5.25
48	MP2A	Mx	.005	5.25
49	MP2B	X	-1.512	.25
50	MP2B	Z	2.619	.25
51	MP2B	Mx	-.002	.25
52	MP2B	X	-1.512	5.25
53	MP2B	Z	2.619	5.25
54	MP2B	Mx	-.002	5.25
55	MP2C	X	-3.021	.25
56	MP2C	Z	5.232	.25
57	MP2C	Mx	-.002	.25
58	MP2C	X	-3.021	5.25
59	MP2C	Z	5.232	5.25
60	MP2C	Mx	-.002	5.25
61	MP2A	X	-3.021	.25
62	MP2A	Z	5.232	.25
63	MP2A	Mx	-.002	.25
64	MP2A	X	-3.021	5.25
65	MP2A	Z	5.232	5.25
66	MP2A	Mx	-.002	5.25
67	MP2B	X	-1.512	.25
68	MP2B	Z	2.619	.25
69	MP2B	Mx	-.002	.25
70	MP2B	X	-1.512	5.25
71	MP2B	Z	2.619	5.25
72	MP2B	Mx	-.002	5.25
73	MP2C	X	-3.021	.25
74	MP2C	Z	5.232	.25
75	MP2C	Mx	.005	.25
76	MP2C	X	-3.021	5.25
77	MP2C	Z	5.232	5.25
78	MP2C	Mx	.005	5.25
79	MP2A	X	-1.846	2
80	MP2A	Z	3.197	2
81	MP2A	Mx	-.000923	2
82	MP2B	X	-1.35	2
83	MP2B	Z	2.338	2
84	MP2B	Mx	.001	2
85	MP2C	X	-1.846	2
86	MP2C	Z	3.197	2
87	MP2C	Mx	-.000923	2
88	MP3A	X	-1.784	2
89	MP3A	Z	3.091	2
90	MP3A	Mx	-.000892	2
91	MP3B	X	-1.103	2
92	MP3B	Z	1.911	2
93	MP3B	Mx	.001	2
94	MP3C	X	-1.784	2
95	MP3C	Z	3.091	2
96	MP3C	Mx	-.000892	2
97	MP3A	X	-.811	4.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
98	MP3A	Z	1.405	4.5
99	MP3A	Mx	-.000406	4.5
100	MP3B	X	-.441	4.5
101	MP3B	Z	.764	4.5
102	MP3B	Mx	.000441	4.5
103	MP3C	X	-.811	4.5
104	MP3C	Z	1.405	4.5
105	MP3C	Mx	-.000406	4.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	M72	X	-1.03	8.5
2	M72	Z	.595	8.5
3	M72	Mx	-.000257	8.5
4	M72	X	-2.158	8.5
5	M72	Z	1.246	8.5
6	M72	Mx	0	8.5
7	MP1A	X	-2.239	1.75
8	MP1A	Z	1.293	1.75
9	MP1A	Mx	.001	1.75
10	MP1A	X	-2.239	3.75
11	MP1A	Z	1.293	3.75
12	MP1A	Mx	.001	3.75
13	MP1B	X	-2.239	1.75
14	MP1B	Z	1.293	1.75
15	MP1B	Mx	-.001	1.75
16	MP1B	X	-2.239	3.75
17	MP1B	Z	1.293	3.75
18	MP1B	Mx	-.001	3.75
19	MP1C	X	-4.406	1.75
20	MP1C	Z	2.544	1.75
21	MP1C	Mx	0	1.75
22	MP1C	X	-4.406	3.75
23	MP1C	Z	2.544	3.75
24	MP1C	Mx	0	3.75
25	MP4A	X	-5.463	.25
26	MP4A	Z	3.154	.25
27	MP4A	Mx	.003	.25
28	MP4A	X	-5.463	5.25
29	MP4A	Z	3.154	5.25
30	MP4A	Mx	.003	5.25
31	MP4C	X	-6.474	.25
32	MP4C	Z	3.738	.25
33	MP4C	Mx	0	.25
34	MP4C	X	-6.474	5.25
35	MP4C	Z	3.738	5.25
36	MP4C	Mx	0	5.25
37	MP4B	X	-5.463	.25
38	MP4B	Z	3.154	.25
39	MP4B	Mx	-.003	.25
40	MP4B	X	-5.463	5.25
41	MP4B	Z	3.154	5.25
42	MP4B	Mx	-.003	5.25
43	MP2A	X	-3.49	.25
44	MP2A	Z	2.015	.25
45	MP2A	Mx	.003	.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
46	MP2A	X	-3.49	5.25
47	MP2A	Z	2.015	5.25
48	MP2A	Mx	.003	5.25
49	MP2B	X	-3.49	.25
50	MP2B	Z	2.015	.25
51	MP2B	Mx	-.000486	.25
52	MP2B	X	-3.49	5.25
53	MP2B	Z	2.015	5.25
54	MP2B	Mx	-.000486	5.25
55	MP2C	X	-6.103	.25
56	MP2C	Z	3.523	.25
57	MP2C	Mx	-.004	.25
58	MP2C	X	-6.103	5.25
59	MP2C	Z	3.523	5.25
60	MP2C	Mx	-.004	5.25
61	MP2A	X	-3.49	.25
62	MP2A	Z	2.015	.25
63	MP2A	Mx	.000486	.25
64	MP2A	X	-3.49	5.25
65	MP2A	Z	2.015	5.25
66	MP2A	Mx	.000486	5.25
67	MP2B	X	-3.49	.25
68	MP2B	Z	2.015	.25
69	MP2B	Mx	-.003	.25
70	MP2B	X	-3.49	5.25
71	MP2B	Z	2.015	5.25
72	MP2B	Mx	-.003	5.25
73	MP2C	X	-6.103	.25
74	MP2C	Z	3.523	.25
75	MP2C	Mx	.004	.25
76	MP2C	X	-6.103	5.25
77	MP2C	Z	3.523	5.25
78	MP2C	Mx	.004	5.25
79	MP2A	X	-2.624	2
80	MP2A	Z	1.515	2
81	MP2A	Mx	-.001	2
82	MP2B	X	-2.624	2
83	MP2B	Z	1.515	2
84	MP2B	Mx	.001	2
85	MP2C	X	-3.484	2
86	MP2C	Z	2.012	2
87	MP2C	Mx	0	2
88	MP3A	X	-2.304	2
89	MP3A	Z	1.33	2
90	MP3A	Mx	-.001	2
91	MP3B	X	-2.304	2
92	MP3B	Z	1.33	2
93	MP3B	Mx	.001	2
94	MP3C	X	-3.484	2
95	MP3C	Z	2.012	2
96	MP3C	Mx	0	2
97	MP3A	X	-.978	4.5
98	MP3A	Z	.565	4.5
99	MP3A	Mx	-.000489	4.5
100	MP3B	X	-.978	4.5
101	MP3B	Z	.565	4.5
102	MP3B	Mx	.000489	4.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
103	MP3C	X	-1.618	4.5
104	MP3C	Z	.934	4.5
105	MP3C	Mx	0	4.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	M72	X	-.756	8.5
2	M72	Z	0	8.5
3	M72	Mx	-.000189	8.5
4	M72	X	-2.058	8.5
5	M72	Z	0	8.5
6	M72	Mx	.000257	8.5
7	MP1A	X	-1.752	1.75
8	MP1A	Z	0	1.75
9	MP1A	Mx	.000876	1.75
10	MP1A	X	-1.752	3.75
11	MP1A	Z	0	3.75
12	MP1A	Mx	.000876	3.75
13	MP1B	X	-4.253	1.75
14	MP1B	Z	0	1.75
15	MP1B	Mx	-.001	1.75
16	MP1B	X	-4.253	3.75
17	MP1B	Z	0	3.75
18	MP1B	Mx	-.001	3.75
19	MP1C	X	-4.253	1.75
20	MP1C	Z	0	1.75
21	MP1C	Mx	-.001	1.75
22	MP1C	X	-4.253	3.75
23	MP1C	Z	0	3.75
24	MP1C	Mx	-.001	3.75
25	MP4A	X	-5.919	.25
26	MP4A	Z	0	.25
27	MP4A	Mx	.003	.25
28	MP4A	X	-5.919	5.25
29	MP4A	Z	0	5.25
30	MP4A	Mx	.003	5.25
31	MP4C	X	-7.086	.25
32	MP4C	Z	0	.25
33	MP4C	Mx	-.002	.25
34	MP4C	X	-7.086	5.25
35	MP4C	Z	0	5.25
36	MP4C	Mx	-.002	5.25
37	MP4B	X	-7.086	.25
38	MP4B	Z	0	.25
39	MP4B	Mx	-.002	.25
40	MP4B	X	-7.086	5.25
41	MP4B	Z	0	5.25
42	MP4B	Mx	-.002	5.25
43	MP2A	X	-3.024	.25
44	MP2A	Z	0	.25
45	MP2A	Mx	.002	.25
46	MP2A	X	-3.024	5.25
47	MP2A	Z	0	5.25
48	MP2A	Mx	.002	5.25
49	MP2B	X	-6.041	.25
50	MP2B	Z	0	.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
51	MP2B	Mx	.002	.25
52	MP2B	X	-6.041	5.25
53	MP2B	Z	0	5.25
54	MP2B	Mx	.002	5.25
55	MP2C	X	-6.041	.25
56	MP2C	Z	0	.25
57	MP2C	Mx	-.005	.25
58	MP2C	X	-6.041	5.25
59	MP2C	Z	0	5.25
60	MP2C	Mx	-.005	5.25
61	MP2A	X	-3.024	.25
62	MP2A	Z	0	.25
63	MP2A	Mx	.002	.25
64	MP2A	X	-3.024	5.25
65	MP2A	Z	0	5.25
66	MP2A	Mx	.002	5.25
67	MP2B	X	-6.041	.25
68	MP2B	Z	0	.25
69	MP2B	Mx	-.005	.25
70	MP2B	X	-6.041	5.25
71	MP2B	Z	0	5.25
72	MP2B	Mx	-.005	5.25
73	MP2C	X	-6.041	.25
74	MP2C	Z	0	.25
75	MP2C	Mx	.002	.25
76	MP2C	X	-6.041	5.25
77	MP2C	Z	0	5.25
78	MP2C	Mx	.002	5.25
79	MP2A	X	-2.699	2
80	MP2A	Z	0	2
81	MP2A	Mx	-.001	2
82	MP2B	X	-3.692	2
83	MP2B	Z	0	2
84	MP2B	Mx	.000923	2
85	MP2C	X	-3.692	2
86	MP2C	Z	0	2
87	MP2C	Mx	.000923	2
88	MP3A	X	-2.206	2
89	MP3A	Z	0	2
90	MP3A	Mx	-.001	2
91	MP3B	X	-3.569	2
92	MP3B	Z	0	2
93	MP3B	Mx	.000892	2
94	MP3C	X	-3.569	2
95	MP3C	Z	0	2
96	MP3C	Mx	.000892	2
97	MP3A	X	-.882	4.5
98	MP3A	Z	0	4.5
99	MP3A	Mx	-.000441	4.5
100	MP3B	X	-1.622	4.5
101	MP3B	Z	0	4.5
102	MP3B	Mx	.000406	4.5
103	MP3C	X	-1.622	4.5
104	MP3C	Z	0	4.5
105	MP3C	Mx	.000406	4.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	M72	X	-1.03	8.5
2	M72	Z	-.595	8.5
3	M72	Mx	-.000257	8.5
4	M72	X	-1.03	8.5
5	M72	Z	-.595	8.5
6	M72	Mx	.000258	8.5
7	MP1A	X	-2.239	1.75
8	MP1A	Z	-1.293	1.75
9	MP1A	Mx	.001	1.75
10	MP1A	X	-2.239	3.75
11	MP1A	Z	-1.293	3.75
12	MP1A	Mx	.001	3.75
13	MP1B	X	-4.406	1.75
14	MP1B	Z	-2.544	1.75
15	MP1B	Mx	0	1.75
16	MP1B	X	-4.406	3.75
17	MP1B	Z	-2.544	3.75
18	MP1B	Mx	0	3.75
19	MP1C	X	-2.239	1.75
20	MP1C	Z	-1.293	1.75
21	MP1C	Mx	-.001	1.75
22	MP1C	X	-2.239	3.75
23	MP1C	Z	-1.293	3.75
24	MP1C	Mx	-.001	3.75
25	MP4A	X	-5.463	.25
26	MP4A	Z	-3.154	.25
27	MP4A	Mx	.003	.25
28	MP4A	X	-5.463	5.25
29	MP4A	Z	-3.154	5.25
30	MP4A	Mx	.003	5.25
31	MP4C	X	-5.463	.25
32	MP4C	Z	-3.154	.25
33	MP4C	Mx	-.003	.25
34	MP4C	X	-5.463	5.25
35	MP4C	Z	-3.154	5.25
36	MP4C	Mx	-.003	5.25
37	MP4B	X	-6.474	.25
38	MP4B	Z	-3.738	.25
39	MP4B	Mx	0	.25
40	MP4B	X	-6.474	5.25
41	MP4B	Z	-3.738	5.25
42	MP4B	Mx	0	5.25
43	MP2A	X	-3.49	.25
44	MP2A	Z	-2.015	.25
45	MP2A	Mx	.000486	.25
46	MP2A	X	-3.49	5.25
47	MP2A	Z	-2.015	5.25
48	MP2A	Mx	.000486	5.25
49	MP2B	X	-6.103	.25
50	MP2B	Z	-3.523	.25
51	MP2B	Mx	.004	.25
52	MP2B	X	-6.103	5.25
53	MP2B	Z	-3.523	5.25
54	MP2B	Mx	.004	5.25
55	MP2C	X	-3.49	.25
56	MP2C	Z	-2.015	.25
57	MP2C	Mx	-.003	.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
58	MP2C	X	-3.49	5.25
59	MP2C	Z	-2.015	5.25
60	MP2C	Mx	-.003	5.25
61	MP2A	X	-3.49	.25
62	MP2A	Z	-2.015	.25
63	MP2A	Mx	.003	.25
64	MP2A	X	-3.49	5.25
65	MP2A	Z	-2.015	5.25
66	MP2A	Mx	.003	5.25
67	MP2B	X	-6.103	.25
68	MP2B	Z	-3.523	.25
69	MP2B	Mx	-.004	.25
70	MP2B	X	-6.103	5.25
71	MP2B	Z	-3.523	5.25
72	MP2B	Mx	-.004	5.25
73	MP2C	X	-3.49	.25
74	MP2C	Z	-2.015	.25
75	MP2C	Mx	-.000486	.25
76	MP2C	X	-3.49	5.25
77	MP2C	Z	-2.015	5.25
78	MP2C	Mx	-.000486	5.25
79	MP2A	X	-2.624	2
80	MP2A	Z	-1.515	2
81	MP2A	Mx	-.001	2
82	MP2B	X	-3.484	2
83	MP2B	Z	-2.012	2
84	MP2B	Mx	0	2
85	MP2C	X	-2.624	2
86	MP2C	Z	-1.515	2
87	MP2C	Mx	.001	2
88	MP3A	X	-2.304	2
89	MP3A	Z	-1.33	2
90	MP3A	Mx	-.001	2
91	MP3B	X	-3.484	2
92	MP3B	Z	-2.012	2
93	MP3B	Mx	0	2
94	MP3C	X	-2.304	2
95	MP3C	Z	-1.33	2
96	MP3C	Mx	.001	2
97	MP3A	X	-.978	4.5
98	MP3A	Z	-.565	4.5
99	MP3A	Mx	-.000489	4.5
100	MP3B	X	-1.618	4.5
101	MP3B	Z	-.934	4.5
102	MP3B	Mx	0	4.5
103	MP3C	X	-.978	4.5
104	MP3C	Z	-.565	4.5
105	MP3C	Mx	.000489	4.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	M72	X	-1.029	8.5
2	M72	Z	-1.782	8.5
3	M72	Mx	-.000257	8.5
4	M72	X	-.378	8.5
5	M72	Z	-.654	8.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
6	M72	Mx	.000189	8.5
7	MP1A	X	-2.127	1.75
8	MP1A	Z	-3.684	1.75
9	MP1A	Mx	.001	1.75
10	MP1A	X	-2.127	3.75
11	MP1A	Z	-3.684	3.75
12	MP1A	Mx	.001	3.75
13	MP1B	X	-2.127	1.75
14	MP1B	Z	-3.684	1.75
15	MP1B	Mx	.001	1.75
16	MP1B	X	-2.127	3.75
17	MP1B	Z	-3.684	3.75
18	MP1B	Mx	.001	3.75
19	MP1C	X	-.876	1.75
20	MP1C	Z	-1.517	1.75
21	MP1C	Mx	-.000876	1.75
22	MP1C	X	-.876	3.75
23	MP1C	Z	-1.517	3.75
24	MP1C	Mx	-.000876	3.75
25	MP4A	X	-3.543	.25
26	MP4A	Z	-6.137	.25
27	MP4A	Mx	.002	.25
28	MP4A	X	-3.543	5.25
29	MP4A	Z	-6.137	5.25
30	MP4A	Mx	.002	5.25
31	MP4C	X	-2.959	.25
32	MP4C	Z	-5.126	.25
33	MP4C	Mx	-.003	.25
34	MP4C	X	-2.959	5.25
35	MP4C	Z	-5.126	5.25
36	MP4C	Mx	-.003	5.25
37	MP4B	X	-3.543	.25
38	MP4B	Z	-6.137	.25
39	MP4B	Mx	.002	.25
40	MP4B	X	-3.543	5.25
41	MP4B	Z	-6.137	5.25
42	MP4B	Mx	.002	5.25
43	MP2A	X	-3.021	.25
44	MP2A	Z	-5.232	.25
45	MP2A	Mx	-.002	.25
46	MP2A	X	-3.021	5.25
47	MP2A	Z	-5.232	5.25
48	MP2A	Mx	-.002	5.25
49	MP2B	X	-3.021	.25
50	MP2B	Z	-5.232	.25
51	MP2B	Mx	.005	.25
52	MP2B	X	-3.021	5.25
53	MP2B	Z	-5.232	5.25
54	MP2B	Mx	.005	5.25
55	MP2C	X	-1.512	.25
56	MP2C	Z	-2.619	.25
57	MP2C	Mx	-.002	.25
58	MP2C	X	-1.512	5.25
59	MP2C	Z	-2.619	5.25
60	MP2C	Mx	-.002	5.25
61	MP2A	X	-3.021	.25
62	MP2A	Z	-5.232	.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
63	MP2A	Mx	.005	.25
64	MP2A	X	-3.021	5.25
65	MP2A	Z	-5.232	5.25
66	MP2A	Mx	.005	5.25
67	MP2B	X	-3.021	.25
68	MP2B	Z	-5.232	.25
69	MP2B	Mx	-.002	.25
70	MP2B	X	-3.021	5.25
71	MP2B	Z	-5.232	5.25
72	MP2B	Mx	-.002	5.25
73	MP2C	X	-1.512	.25
74	MP2C	Z	-2.619	.25
75	MP2C	Mx	-.002	.25
76	MP2C	X	-1.512	5.25
77	MP2C	Z	-2.619	5.25
78	MP2C	Mx	-.002	5.25
79	MP2A	X	-1.846	2
80	MP2A	Z	-3.197	2
81	MP2A	Mx	-.000923	2
82	MP2B	X	-1.846	2
83	MP2B	Z	-3.197	2
84	MP2B	Mx	-.000923	2
85	MP2C	X	-1.35	2
86	MP2C	Z	-2.338	2
87	MP2C	Mx	.001	2
88	MP3A	X	-1.784	2
89	MP3A	Z	-3.091	2
90	MP3A	Mx	-.000892	2
91	MP3B	X	-1.784	2
92	MP3B	Z	-3.091	2
93	MP3B	Mx	-.000892	2
94	MP3C	X	-1.103	2
95	MP3C	Z	-1.911	2
96	MP3C	Mx	.001	2
97	MP3A	X	-.811	4.5
98	MP3A	Z	-1.405	4.5
99	MP3A	Mx	-.000406	4.5
100	MP3B	X	-.811	4.5
101	MP3B	Z	-1.405	4.5
102	MP3B	Mx	-.000406	4.5
103	MP3C	X	-.441	4.5
104	MP3C	Z	-.764	4.5
105	MP3C	Mx	.000441	4.5

Member Point Loads (BLC 77 : Lm1)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	M59	Y	-500	0

Member Point Loads (BLC 78 : Lm2)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	M60	Y	-500	0

Member Point Loads (BLC 79 : Lv1)

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

Member Point Loads (BLC 80 : Lv2)

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

Member Point Loads (BLC 81 : Antenna Ev)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	M72	Y	-.646	8.5
2	M72	My	.000161	8.5
3	M72	Mz	0	8.5
4	M72	Y	-.646	8.5
5	M72	My	-8.1e-5	8.5
6	M72	Mz	-.00014	8.5
7	MP1A	Y	-1.598	1.75
8	MP1A	My	-.000799	1.75
9	MP1A	Mz	0	1.75
10	MP1A	Y	-1.598	3.75
11	MP1A	My	-.000799	3.75
12	MP1A	Mz	0	3.75
13	MP1B	Y	-1.598	1.75
14	MP1B	My	.000399	1.75
15	MP1B	Mz	-.000692	1.75
16	MP1B	Y	-1.598	3.75
17	MP1B	My	.000399	3.75
18	MP1B	Mz	-.000692	3.75
19	MP1C	Y	-1.598	1.75
20	MP1C	My	.000399	1.75
21	MP1C	Mz	.000692	1.75
22	MP1C	Y	-1.598	3.75
23	MP1C	My	.000399	3.75
24	MP1C	Mz	.000692	3.75
25	MP4A	Y	-.33	.25
26	MP4A	My	-.000165	.25
27	MP4A	Mz	0	.25
28	MP4A	Y	-.33	5.25
29	MP4A	My	-.000165	5.25
30	MP4A	Mz	0	5.25
31	MP4C	Y	-.33	.25
32	MP4C	My	8.3e-5	.25
33	MP4C	Mz	.000143	.25
34	MP4C	Y	-.33	5.25
35	MP4C	My	8.3e-5	5.25
36	MP4C	Mz	.000143	5.25
37	MP4B	Y	-.33	.25
38	MP4B	My	8.3e-5	.25
39	MP4B	Mz	-.000143	.25
40	MP4B	Y	-.33	5.25
41	MP4B	My	8.3e-5	5.25
42	MP4B	Mz	-.000143	5.25
43	MP2A	Y	-.802	.25
44	MP2A	My	-.000401	.25
45	MP2A	Mz	.000501	.25
46	MP2A	Y	-.802	5.25
47	MP2A	My	-.000401	5.25
48	MP2A	Mz	.000501	5.25
49	MP2B	Y	-.802	.25
50	MP2B	My	-.000234	.25
51	MP2B	Mz	-.000598	.25
52	MP2B	Y	-.802	5.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
53	MP2B	My	-.000234	5.25
54	MP2B	Mz	-.000598	5.25
55	MP2C	Y	-.802	.25
56	MP2C	My	.000634	.25
57	MP2C	Mz	9.7e-5	.25
58	MP2C	Y	-.802	5.25
59	MP2C	My	.000634	5.25
60	MP2C	Mz	9.7e-5	5.25
61	MP2A	Y	-.802	.25
62	MP2A	My	-.000401	.25
63	MP2A	Mz	-.000501	.25
64	MP2A	Y	-.802	5.25
65	MP2A	My	-.000401	5.25
66	MP2A	Mz	-.000501	5.25
67	MP2B	Y	-.802	.25
68	MP2B	My	.000634	.25
69	MP2B	Mz	-9.7e-5	.25
70	MP2B	Y	-.802	5.25
71	MP2B	My	.000634	5.25
72	MP2B	Mz	-9.7e-5	5.25
73	MP2C	Y	-.802	.25
74	MP2C	My	-.000234	.25
75	MP2C	Mz	.000598	.25
76	MP2C	Y	-.802	5.25
77	MP2C	My	-.000234	5.25
78	MP2C	Mz	.000598	5.25
79	MP2A	Y	-3.097	2
80	MP2A	My	.002	2
81	MP2A	Mz	0	2
82	MP2B	Y	-3.097	2
83	MP2B	My	-.000774	2
84	MP2B	Mz	.001	2
85	MP2C	Y	-3.097	2
86	MP2C	My	-.000774	2
87	MP2C	Mz	-.001	2
88	MP3A	Y	-2.58	2
89	MP3A	My	.001	2
90	MP3A	Mz	0	2
91	MP3B	Y	-2.58	2
92	MP3B	My	-.000645	2
93	MP3B	Mz	.001	2
94	MP3C	Y	-2.58	2
95	MP3C	My	-.000645	2
96	MP3C	Mz	-.001	2
97	MP3A	Y	-.686	4.5
98	MP3A	My	.000343	4.5
99	MP3A	Mz	0	4.5
100	MP3B	Y	-.686	4.5
101	MP3B	My	-.000172	4.5
102	MP3B	Mz	.000297	4.5
103	MP3C	Y	-.686	4.5
104	MP3C	My	-.000172	4.5
105	MP3C	Mz	-.000297	4.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
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Member Point Loads (BLC 82 : Antenna Eh (0 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	M72	Z	-1.615	8.5
2	M72	Mx	0	8.5
3	M72	Z	-1.615	8.5
4	M72	Mx	.00035	8.5
5	MP1A	Z	-3.995	1.75
6	MP1A	Mx	0	1.75
7	MP1A	Z	-3.995	3.75
8	MP1A	Mx	0	3.75
9	MP1B	Z	-3.995	1.75
10	MP1B	Mx	.002	1.75
11	MP1B	Z	-3.995	3.75
12	MP1B	Mx	.002	3.75
13	MP1C	Z	-3.995	1.75
14	MP1C	Mx	-.002	1.75
15	MP1C	Z	-3.995	3.75
16	MP1C	Mx	-.002	3.75
17	MP4A	Z	-.826	.25
18	MP4A	Mx	0	.25
19	MP4A	Z	-.826	5.25
20	MP4A	Mx	0	5.25
21	MP4C	Z	-.826	.25
22	MP4C	Mx	-.000357	.25
23	MP4C	Z	-.826	5.25
24	MP4C	Mx	-.000357	5.25
25	MP4B	Z	-.826	.25
26	MP4B	Mx	.000357	.25
27	MP4B	Z	-.826	5.25
28	MP4B	Mx	.000357	5.25
29	MP2A	Z	-2.004	.25
30	MP2A	Mx	-.001	.25
31	MP2A	Z	-2.004	5.25
32	MP2A	Mx	-.001	5.25
33	MP2B	Z	-2.004	.25
34	MP2B	Mx	.001	.25
35	MP2B	Z	-2.004	5.25
36	MP2B	Mx	.001	5.25
37	MP2C	Z	-2.004	.25
38	MP2C	Mx	-.000242	.25
39	MP2C	Z	-2.004	5.25
40	MP2C	Mx	-.000242	5.25
41	MP2A	Z	-2.004	.25
42	MP2A	Mx	.001	.25
43	MP2A	Z	-2.004	5.25
44	MP2A	Mx	.001	5.25
45	MP2B	Z	-2.004	.25
46	MP2B	Mx	.000242	.25
47	MP2B	Z	-2.004	5.25
48	MP2B	Mx	.000242	5.25
49	MP2C	Z	-2.004	.25
50	MP2C	Mx	-.001	.25
51	MP2C	Z	-2.004	5.25
52	MP2C	Mx	-.001	5.25
53	MP2A	Z	-7.742	2
54	MP2A	Mx	0	2
55	MP2B	Z	-7.742	2
56	MP2B	Mx	-.003	2
57	MP2C	Z	-7.742	2

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
58	MP2C	Mx	.003	2
59	MP3A	Z	-6.449	2
60	MP3A	Mx	0	2
61	MP3B	Z	-6.449	2
62	MP3B	Mx	-.003	2
63	MP3C	Z	-6.449	2
64	MP3C	Mx	.003	2
65	MP3A	Z	-1.715	4.5
66	MP3A	Mx	0	4.5
67	MP3B	Z	-1.715	4.5
68	MP3B	Mx	-.000743	4.5
69	MP3C	Z	-1.715	4.5
70	MP3C	Mx	.000743	4.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	M72	X	1.615	8.5
2	M72	Mx	.000404	8.5
3	M72	X	1.615	8.5
4	M72	Mx	-.000202	8.5
5	MP1A	X	3.995	1.75
6	MP1A	Mx	-.002	1.75
7	MP1A	X	3.995	3.75
8	MP1A	Mx	-.002	3.75
9	MP1B	X	3.995	1.75
10	MP1B	Mx	.000999	1.75
11	MP1B	X	3.995	3.75
12	MP1B	Mx	.000999	3.75
13	MP1C	X	3.995	1.75
14	MP1C	Mx	.000999	1.75
15	MP1C	X	3.995	3.75
16	MP1C	Mx	.000999	3.75
17	MP4A	X	.826	.25
18	MP4A	Mx	-.000413	.25
19	MP4A	X	.826	5.25
20	MP4A	Mx	-.000413	5.25
21	MP4C	X	.826	.25
22	MP4C	Mx	.000206	.25
23	MP4C	X	.826	5.25
24	MP4C	Mx	.000206	5.25
25	MP4B	X	.826	.25
26	MP4B	Mx	.000206	.25
27	MP4B	X	.826	5.25
28	MP4B	Mx	.000206	5.25
29	MP2A	X	2.004	.25
30	MP2A	Mx	-.001	.25
31	MP2A	X	2.004	5.25
32	MP2A	Mx	-.001	5.25
33	MP2B	X	2.004	.25
34	MP2B	Mx	-.000584	.25
35	MP2B	X	2.004	5.25
36	MP2B	Mx	-.000584	5.25
37	MP2C	X	2.004	.25
38	MP2C	Mx	.002	.25
39	MP2C	X	2.004	5.25
40	MP2C	Mx	.002	5.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
41	MP2A	X	2.004	.25
42	MP2A	Mx	-.001	.25
43	MP2A	X	2.004	5.25
44	MP2A	Mx	-.001	5.25
45	MP2B	X	2.004	.25
46	MP2B	Mx	.002	.25
47	MP2B	X	2.004	5.25
48	MP2B	Mx	.002	5.25
49	MP2C	X	2.004	.25
50	MP2C	Mx	-.000584	.25
51	MP2C	X	2.004	5.25
52	MP2C	Mx	-.000584	5.25
53	MP2A	X	7.742	2
54	MP2A	Mx	.004	2
55	MP2B	X	7.742	2
56	MP2B	Mx	-.002	2
57	MP2C	X	7.742	2
58	MP2C	Mx	-.002	2
59	MP3A	X	6.449	2
60	MP3A	Mx	.003	2
61	MP3B	X	6.449	2
62	MP3B	Mx	-.002	2
63	MP3C	X	6.449	2
64	MP3C	Mx	-.002	2
65	MP3A	X	1.715	4.5
66	MP3A	Mx	.000858	4.5
67	MP3B	X	1.715	4.5
68	MP3B	Mx	-.000429	4.5
69	MP3C	X	1.715	4.5
70	MP3C	Mx	-.000429	4.5

Member Distributed Loads (BLC 40 : Structure Di)

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft.F....]	Start Location[ft.%]	End Location[ft.%]
1	M1	Y	-10.91	-10.91	0	%100
2	M2	Y	-10.91	-10.91	0	%100
3	M3	Y	-10.91	-10.91	0	%100
4	M4	Y	-15.424	-15.424	0	%100
5	M5	Y	-15.424	-15.424	0	%100
6	M6	Y	-15.424	-15.424	0	%100
7	M7	Y	-11.758	-11.758	0	%100
8	M8	Y	-11.758	-11.758	0	%100
9	M9	Y	-11.758	-11.758	0	%100
10	M10	Y	-11.758	-11.758	0	%100
11	M11	Y	-11.758	-11.758	0	%100
12	M12	Y	-11.758	-11.758	0	%100
13	M13	Y	-11.758	-11.758	0	%100
14	M14	Y	-11.758	-11.758	0	%100
15	M15	Y	-11.758	-11.758	0	%100
16	M16	Y	-11.758	-11.758	0	%100
17	M17	Y	-11.758	-11.758	0	%100
18	M18	Y	-11.758	-11.758	0	%100
19	M19	Y	-16.166	-16.166	0	%100
20	M20	Y	-16.166	-16.166	0	%100
21	M21	Y	-16.166	-16.166	0	%100
22	M22	Y	-16.166	-16.166	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,%]
23	M23	Y	-16.166	-16.166	0	%100
24	M24	Y	-16.166	-16.166	0	%100
25	M25	Y	-16.166	-16.166	0	%100
26	M26	Y	-16.166	-16.166	0	%100
27	M27	Y	-16.166	-16.166	0	%100
28	M28	Y	-16.166	-16.166	0	%100
29	M29	Y	-16.166	-16.166	0	%100
30	M30	Y	-16.166	-16.166	0	%100
31	M31	Y	-16.166	-16.166	0	%100
32	M32	Y	-16.166	-16.166	0	%100
33	M33	Y	-16.166	-16.166	0	%100
34	MP1A	Y	-8.555	-8.555	0	%100
35	MP2A	Y	-8.555	-8.555	0	%100
36	MP3A	Y	-8.555	-8.555	0	%100
37	MP4A	Y	-8.555	-8.555	0	%100
38	MP1B	Y	-8.555	-8.555	0	%100
39	MP2B	Y	-8.555	-8.555	0	%100
40	MP3B	Y	-8.555	-8.555	0	%100
41	MP4B	Y	-8.555	-8.555	0	%100
42	MP1C	Y	-8.555	-8.555	0	%100
43	MP2C	Y	-8.555	-8.555	0	%100
44	MP3C	Y	-8.555	-8.555	0	%100
45	MP4C	Y	-8.555	-8.555	0	%100
46	M70	Y	-9.602	-9.602	0	%100
47	M71	Y	-9.602	-9.602	0	%100
48	M72	Y	-9.602	-9.602	0	%100
49	M97	Y	-12.464	-12.464	0	%100
50	M98	Y	-12.464	-12.464	0	%100
51	M99	Y	-12.464	-12.464	0	%100
52	M95	Y	-16.927	-16.927	0	%100
53	M97A	Y	-16.927	-16.927	0	%100
54	M99A	Y	-16.927	-16.927	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	-14.11	-14.11	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	-3.527	-3.527	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	-3.527	-3.527	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	-10.984	-10.984	0	%100
11	M6	X	0	0	0	%100
12	M6	Z	-10.984	-10.984	0	%100
13	M7	X	0	0	0	%100
14	M7	Z	-13.278	-13.278	0	%100
15	M8	X	0	0	0	%100
16	M8	Z	-13.278	-13.278	0	%100
17	M9	X	0	0	0	%100
18	M9	Z	-3.32	-3.32	0	%100
19	M10	X	0	0	0	%100
20	M10	Z	-3.32	-3.32	0	%100
21	M11	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft.F....]	Start Location[ft.%]	End Location[ft.%]
22	M11	Z	-3.32	-3.32	0	%100
23	M12	X	0	0	0	%100
24	M12	Z	-3.32	-3.32	0	%100
25	M13	X	0	0	0	%100
26	M13	Z	-4.709	-4.709	0	%100
27	M14	X	0	0	0	%100
28	M14	Z	-3.925	-3.925	0	%100
29	M15	X	0	0	0	%100
30	M15	Z	-18.207	-18.207	0	%100
31	M16	X	0	0	0	%100
32	M16	Z	-3.664	-3.664	0	%100
33	M17	X	0	0	0	%100
34	M17	Z	-4.397	-4.397	0	%100
35	M18	X	0	0	0	%100
36	M18	Z	-15.172	-15.172	0	%100
37	M19	X	0	0	0	%100
38	M19	Z	-6.229	-6.229	0	%100
39	M20	X	0	0	0	%100
40	M20	Z	-24.917	-24.917	0	%100
41	M21	X	0	0	0	%100
42	M21	Z	-6.229	-6.229	0	%100
43	M22	X	0	0	0	%100
44	M22	Z	-6.229	-6.229	0	%100
45	M23	X	0	0	0	%100
46	M23	Z	-6.229	-6.229	0	%100
47	M24	X	0	0	0	%100
48	M24	Z	-24.917	-24.917	0	%100
49	M25	X	0	0	0	%100
50	M25	Z	-24.917	-24.917	0	%100
51	M26	X	0	0	0	%100
52	M26	Z	-6.229	-6.229	0	%100
53	M27	X	0	0	0	%100
54	M27	Z	-6.229	-6.229	0	%100
55	M28	X	0	0	0	%100
56	M28	Z	-6.229	-6.229	0	%100
57	M29	X	0	0	0	%100
58	M29	Z	-6.229	-6.229	0	%100
59	M30	X	0	0	0	%100
60	M30	Z	-6.229	-6.229	0	%100
61	M31	X	0	0	0	%100
62	M31	Z	-24.917	-24.917	0	%100
63	M32	X	0	0	0	%100
64	M32	Z	-24.917	-24.917	0	%100
65	M33	X	0	0	0	%100
66	M33	Z	-6.229	-6.229	0	%100
67	MP1A	X	0	0	0	%100
68	MP1A	Z	-9.863	-9.863	0	%100
69	MP2A	X	0	0	0	%100
70	MP2A	Z	-9.863	-9.863	0	%100
71	MP3A	X	0	0	0	%100
72	MP3A	Z	-9.863	-9.863	0	%100
73	MP4A	X	0	0	0	%100
74	MP4A	Z	-9.863	-9.863	0	%100
75	MP1B	X	0	0	0	%100
76	MP1B	Z	-9.863	-9.863	0	%100
77	MP2B	X	0	0	0	%100
78	MP2B	Z	-9.863	-9.863	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.%]
79	MP3B	X	0	0	0	%100
80	MP3B	Z	-9.863	-9.863	0	%100
81	MP4B	X	0	0	0	%100
82	MP4B	Z	-9.863	-9.863	0	%100
83	MP1C	X	0	0	0	%100
84	MP1C	Z	-9.863	-9.863	0	%100
85	MP2C	X	0	0	0	%100
86	MP2C	Z	-9.863	-9.863	0	%100
87	MP3C	X	0	0	0	%100
88	MP3C	Z	-9.863	-9.863	0	%100
89	MP4C	X	0	0	0	%100
90	MP4C	Z	-9.863	-9.863	0	%100
91	M70	X	0	0	0	%100
92	M70	Z	-11.939	-11.939	0	%100
93	M71	X	0	0	0	%100
94	M71	Z	-2.985	-2.985	0	%100
95	M72	X	0	0	0	%100
96	M72	Z	-2.985	-2.985	0	%100
97	M97	X	0	0	0	%100
98	M97	Z	-3.828	-3.828	0	%100
99	M98	X	0	0	0	%100
100	M98	Z	-3.828	-3.828	0	%100
101	M99	X	0	0	0	%100
102	M99	Z	-15.313	-15.313	0	%100
103	M95	X	0	0	0	%100
104	M95	Z	-19.748	-19.748	0	%100
105	M97A	X	0	0	0	%100
106	M97A	Z	-19.007	-19.007	0	%100
107	M99A	X	0	0	0	%100
108	M99A	Z	-19.007	-19.007	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%]	End Location[ft.%]
1	M1	X	5.291	5.291	0	%100
2	M1	Z	-9.165	-9.165	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	5.291	5.291	0	%100
6	M3	Z	-9.165	-9.165	0	%100
7	M4	X	1.831	1.831	0	%100
8	M4	Z	-3.171	-3.171	0	%100
9	M5	X	1.831	1.831	0	%100
10	M5	Z	-3.171	-3.171	0	%100
11	M6	X	7.323	7.323	0	%100
12	M6	Z	-12.683	-12.683	0	%100
13	M7	X	4.979	4.979	0	%100
14	M7	Z	-8.624	-8.624	0	%100
15	M8	X	4.979	4.979	0	%100
16	M8	Z	-8.624	-8.624	0	%100
17	M9	X	4.979	4.979	0	%100
18	M9	Z	-8.624	-8.624	0	%100
19	M10	X	4.979	4.979	0	%100
20	M10	Z	-8.624	-8.624	0	%100
21	M11	X	0	0	0	%100
22	M11	Z	0	0	0	%100
23	M12	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.%]
24	M12	Z	0	0	0	%100
25	M13	X	.000897	.000897	0	%100
26	M13	Z	-.002	-.002	0	%100
27	M14	X	5.755	5.755	0	%100
28	M14	Z	-9.968	-9.968	0	%100
29	M15	X	6.906	6.906	0	%100
30	M15	Z	-11.961	-11.961	0	%100
31	M16	X	.000747	.000747	0	%100
32	M16	Z	-.001	-.001	0	%100
33	M17	X	6.749	6.749	0	%100
34	M17	Z	-11.69	-11.69	0	%100
35	M18	X	5.625	5.625	0	%100
36	M18	Z	-9.742	-9.742	0	%100
37	M19	X	9.344	9.344	0	%100
38	M19	Z	-16.184	-16.184	0	%100
39	M20	X	9.344	9.344	0	%100
40	M20	Z	-16.184	-16.184	0	%100
41	M21	X	0	0	0	%100
42	M21	Z	0	0	0	%100
43	M22	X	0	0	0	%100
44	M22	Z	0	0	0	%100
45	M23	X	9.344	9.344	0	%100
46	M23	Z	-16.184	-16.184	0	%100
47	M24	X	9.344	9.344	0	%100
48	M24	Z	-16.184	-16.184	0	%100
49	M25	X	9.344	9.344	0	%100
50	M25	Z	-16.184	-16.184	0	%100
51	M26	X	0	0	0	%100
52	M26	Z	0	0	0	%100
53	M27	X	9.344	9.344	0	%100
54	M27	Z	-16.184	-16.184	0	%100
55	M28	X	9.344	9.344	0	%100
56	M28	Z	-16.184	-16.184	0	%100
57	M29	X	0	0	0	%100
58	M29	Z	0	0	0	%100
59	M30	X	0	0	0	%100
60	M30	Z	0	0	0	%100
61	M31	X	9.344	9.344	0	%100
62	M31	Z	-16.184	-16.184	0	%100
63	M32	X	9.344	9.344	0	%100
64	M32	Z	-16.184	-16.184	0	%100
65	M33	X	9.344	9.344	0	%100
66	M33	Z	-16.184	-16.184	0	%100
67	MP1A	X	4.932	4.932	0	%100
68	MP1A	Z	-8.542	-8.542	0	%100
69	MP2A	X	4.932	4.932	0	%100
70	MP2A	Z	-8.542	-8.542	0	%100
71	MP3A	X	4.932	4.932	0	%100
72	MP3A	Z	-8.542	-8.542	0	%100
73	MP4A	X	4.932	4.932	0	%100
74	MP4A	Z	-8.542	-8.542	0	%100
75	MP1B	X	4.932	4.932	0	%100
76	MP1B	Z	-8.542	-8.542	0	%100
77	MP2B	X	4.932	4.932	0	%100
78	MP2B	Z	-8.542	-8.542	0	%100
79	MP3B	X	4.932	4.932	0	%100
80	MP3B	Z	-8.542	-8.542	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, %]
81	MP4B	X	4.932	4.932	0	%100
82	MP4B	Z	-8.542	-8.542	0	%100
83	MP1C	X	4.932	4.932	0	%100
84	MP1C	Z	-8.542	-8.542	0	%100
85	MP2C	X	4.932	4.932	0	%100
86	MP2C	Z	-8.542	-8.542	0	%100
87	MP3C	X	4.932	4.932	0	%100
88	MP3C	Z	-8.542	-8.542	0	%100
89	MP4C	X	4.932	4.932	0	%100
90	MP4C	Z	-8.542	-8.542	0	%100
91	M70	X	4.477	4.477	0	%100
92	M70	Z	-7.755	-7.755	0	%100
93	M71	X	0	0	0	%100
94	M71	Z	0	0	0	%100
95	M72	X	4.477	4.477	0	%100
96	M72	Z	-7.755	-7.755	0	%100
97	M97	X	5.742	5.742	0	%100
98	M97	Z	-9.946	-9.946	0	%100
99	M98	X	0	0	0	%100
100	M98	Z	0	0	0	%100
101	M99	X	5.742	5.742	0	%100
102	M99	Z	-9.946	-9.946	0	%100
103	M95	X	9.751	9.751	0	%100
104	M95	Z	-16.888	-16.888	0	%100
105	M97A	X	9.751	9.751	0	%100
106	M97A	Z	-16.888	-16.888	0	%100
107	M99A	X	9.38	9.38	0	%100
108	M99A	Z	-16.247	-16.247	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	3.055	3.055	0	%100
2	M1	Z	-1.764	-1.764	0	%100
3	M2	X	3.055	3.055	0	%100
4	M2	Z	-1.764	-1.764	0	%100
5	M3	X	12.219	12.219	0	%100
6	M3	Z	-7.055	-7.055	0	%100
7	M4	X	9.513	9.513	0	%100
8	M4	Z	-5.492	-5.492	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	0	0	0	%100
11	M6	X	9.513	9.513	0	%100
12	M6	Z	-5.492	-5.492	0	%100
13	M7	X	2.875	2.875	0	%100
14	M7	Z	-1.66	-1.66	0	%100
15	M8	X	2.875	2.875	0	%100
16	M8	Z	-1.66	-1.66	0	%100
17	M9	X	11.499	11.499	0	%100
18	M9	Z	-6.639	-6.639	0	%100
19	M10	X	11.499	11.499	0	%100
20	M10	Z	-6.639	-6.639	0	%100
21	M11	X	2.875	2.875	0	%100
22	M11	Z	-1.66	-1.66	0	%100
23	M12	X	2.875	2.875	0	%100
24	M12	Z	-1.66	-1.66	0	%100
25	M13	X	3.807	3.807	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.%]
26	M13	Z	-2.198	-2.198	0	%100
27	M14	X	13.139	13.139	0	%100
28	M14	Z	-7.586	-7.586	0	%100
29	M15	X	4.079	4.079	0	%100
30	M15	Z	-2.355	-2.355	0	%100
31	M16	X	3.399	3.399	0	%100
32	M16	Z	-1.962	-1.962	0	%100
33	M17	X	15.767	15.767	0	%100
34	M17	Z	-9.103	-9.103	0	%100
35	M18	X	3.173	3.173	0	%100
36	M18	Z	-1.832	-1.832	0	%100
37	M19	X	21.579	21.579	0	%100
38	M19	Z	-12.459	-12.459	0	%100
39	M20	X	5.395	5.395	0	%100
40	M20	Z	-3.115	-3.115	0	%100
41	M21	X	5.395	5.395	0	%100
42	M21	Z	-3.115	-3.115	0	%100
43	M22	X	5.395	5.395	0	%100
44	M22	Z	-3.115	-3.115	0	%100
45	M23	X	21.579	21.579	0	%100
46	M23	Z	-12.459	-12.459	0	%100
47	M24	X	5.395	5.395	0	%100
48	M24	Z	-3.115	-3.115	0	%100
49	M25	X	5.395	5.395	0	%100
50	M25	Z	-3.115	-3.115	0	%100
51	M26	X	5.395	5.395	0	%100
52	M26	Z	-3.115	-3.115	0	%100
53	M27	X	21.579	21.579	0	%100
54	M27	Z	-12.459	-12.459	0	%100
55	M28	X	21.579	21.579	0	%100
56	M28	Z	-12.459	-12.459	0	%100
57	M29	X	5.395	5.395	0	%100
58	M29	Z	-3.115	-3.115	0	%100
59	M30	X	5.395	5.395	0	%100
60	M30	Z	-3.115	-3.115	0	%100
61	M31	X	5.395	5.395	0	%100
62	M31	Z	-3.115	-3.115	0	%100
63	M32	X	5.395	5.395	0	%100
64	M32	Z	-3.115	-3.115	0	%100
65	M33	X	21.579	21.579	0	%100
66	M33	Z	-12.459	-12.459	0	%100
67	MP1A	X	8.542	8.542	0	%100
68	MP1A	Z	-4.932	-4.932	0	%100
69	MP2A	X	8.542	8.542	0	%100
70	MP2A	Z	-4.932	-4.932	0	%100
71	MP3A	X	8.542	8.542	0	%100
72	MP3A	Z	-4.932	-4.932	0	%100
73	MP4A	X	8.542	8.542	0	%100
74	MP4A	Z	-4.932	-4.932	0	%100
75	MP1B	X	8.542	8.542	0	%100
76	MP1B	Z	-4.932	-4.932	0	%100
77	MP2B	X	8.542	8.542	0	%100
78	MP2B	Z	-4.932	-4.932	0	%100
79	MP3B	X	8.542	8.542	0	%100
80	MP3B	Z	-4.932	-4.932	0	%100
81	MP4B	X	8.542	8.542	0	%100
82	MP4B	Z	-4.932	-4.932	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.%,]
83	MP1C	X	8.542	8.542	0	%100
84	MP1C	Z	-4.932	-4.932	0	%100
85	MP2C	X	8.542	8.542	0	%100
86	MP2C	Z	-4.932	-4.932	0	%100
87	MP3C	X	8.542	8.542	0	%100
88	MP3C	Z	-4.932	-4.932	0	%100
89	MP4C	X	8.542	8.542	0	%100
90	MP4C	Z	-4.932	-4.932	0	%100
91	M70	X	2.585	2.585	0	%100
92	M70	Z	-1.492	-1.492	0	%100
93	M71	X	2.585	2.585	0	%100
94	M71	Z	-1.492	-1.492	0	%100
95	M72	X	10.34	10.34	0	%100
96	M72	Z	-5.97	-5.97	0	%100
97	M97	X	13.262	13.262	0	%100
98	M97	Z	-7.657	-7.657	0	%100
99	M98	X	3.315	3.315	0	%100
100	M98	Z	-1.914	-1.914	0	%100
101	M99	X	3.315	3.315	0	%100
102	M99	Z	-1.914	-1.914	0	%100
103	M95	X	16.461	16.461	0	%100
104	M95	Z	-9.504	-9.504	0	%100
105	M97A	X	17.102	17.102	0	%100
106	M97A	Z	-9.874	-9.874	0	%100
107	M99A	X	16.461	16.461	0	%100
108	M99A	Z	-9.504	-9.504	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%,]	End Location[ft.%,]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	10.582	10.582	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	10.582	10.582	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	14.645	14.645	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	3.661	3.661	0	%100
10	M5	Z	0	0	0	%100
11	M6	X	3.661	3.661	0	%100
12	M6	Z	0	0	0	%100
13	M7	X	0	0	0	%100
14	M7	Z	0	0	0	%100
15	M8	X	0	0	0	%100
16	M8	Z	0	0	0	%100
17	M9	X	9.959	9.959	0	%100
18	M9	Z	0	0	0	%100
19	M10	X	9.959	9.959	0	%100
20	M10	Z	0	0	0	%100
21	M11	X	9.959	9.959	0	%100
22	M11	Z	0	0	0	%100
23	M12	X	9.959	9.959	0	%100
24	M12	Z	0	0	0	%100
25	M13	X	13.499	13.499	0	%100
26	M13	Z	0	0	0	%100
27	M14	X	11.249	11.249	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.%]
28	M14	Z	0	0	0	%100
29	M15	X	.002	.002	0	%100
30	M15	Z	0	0	0	%100
31	M16	X	11.51	11.51	0	%100
32	M16	Z	0	0	0	%100
33	M17	X	13.812	13.812	0	%100
34	M17	Z	0	0	0	%100
35	M18	X	.001	.001	0	%100
36	M18	Z	0	0	0	%100
37	M19	X	18.688	18.688	0	%100
38	M19	Z	0	0	0	%100
39	M20	X	0	0	0	%100
40	M20	Z	0	0	0	%100
41	M21	X	18.688	18.688	0	%100
42	M21	Z	0	0	0	%100
43	M22	X	18.688	18.688	0	%100
44	M22	Z	0	0	0	%100
45	M23	X	18.688	18.688	0	%100
46	M23	Z	0	0	0	%100
47	M24	X	0	0	0	%100
48	M24	Z	0	0	0	%100
49	M25	X	0	0	0	%100
50	M25	Z	0	0	0	%100
51	M26	X	18.688	18.688	0	%100
52	M26	Z	0	0	0	%100
53	M27	X	18.688	18.688	0	%100
54	M27	Z	0	0	0	%100
55	M28	X	18.688	18.688	0	%100
56	M28	Z	0	0	0	%100
57	M29	X	18.688	18.688	0	%100
58	M29	Z	0	0	0	%100
59	M30	X	18.688	18.688	0	%100
60	M30	Z	0	0	0	%100
61	M31	X	0	0	0	%100
62	M31	Z	0	0	0	%100
63	M32	X	0	0	0	%100
64	M32	Z	0	0	0	%100
65	M33	X	18.688	18.688	0	%100
66	M33	Z	0	0	0	%100
67	MP1A	X	9.863	9.863	0	%100
68	MP1A	Z	0	0	0	%100
69	MP2A	X	9.863	9.863	0	%100
70	MP2A	Z	0	0	0	%100
71	MP3A	X	9.863	9.863	0	%100
72	MP3A	Z	0	0	0	%100
73	MP4A	X	9.863	9.863	0	%100
74	MP4A	Z	0	0	0	%100
75	MP1B	X	9.863	9.863	0	%100
76	MP1B	Z	0	0	0	%100
77	MP2B	X	9.863	9.863	0	%100
78	MP2B	Z	0	0	0	%100
79	MP3B	X	9.863	9.863	0	%100
80	MP3B	Z	0	0	0	%100
81	MP4B	X	9.863	9.863	0	%100
82	MP4B	Z	0	0	0	%100
83	MP1C	X	9.863	9.863	0	%100
84	MP1C	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.%]
85	MP2C	X	9.863	9.863	0	%100
86	MP2C	Z	0	0	0	%100
87	MP3C	X	9.863	9.863	0	%100
88	MP3C	Z	0	0	0	%100
89	MP4C	X	9.863	9.863	0	%100
90	MP4C	Z	0	0	0	%100
91	M70	X	0	0	0	%100
92	M70	Z	0	0	0	%100
93	M71	X	8.955	8.955	0	%100
94	M71	Z	0	0	0	%100
95	M72	X	8.955	8.955	0	%100
96	M72	Z	0	0	0	%100
97	M97	X	11.485	11.485	0	%100
98	M97	Z	0	0	0	%100
99	M98	X	11.485	11.485	0	%100
100	M98	Z	0	0	0	%100
101	M99	X	0	0	0	%100
102	M99	Z	0	0	0	%100
103	M95	X	18.76	18.76	0	%100
104	M95	Z	0	0	0	%100
105	M97A	X	19.501	19.501	0	%100
106	M97A	Z	0	0	0	%100
107	M99A	X	19.501	19.501	0	%100
108	M99A	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	3.055	3.055	0	%100
2	M1	Z	1.764	1.764	0	%100
3	M2	X	12.219	12.219	0	%100
4	M2	Z	7.055	7.055	0	%100
5	M3	X	3.055	3.055	0	%100
6	M3	Z	1.764	1.764	0	%100
7	M4	X	9.513	9.513	0	%100
8	M4	Z	5.492	5.492	0	%100
9	M5	X	9.513	9.513	0	%100
10	M5	Z	5.492	5.492	0	%100
11	M6	X	0	0	0	%100
12	M6	Z	0	0	0	%100
13	M7	X	2.875	2.875	0	%100
14	M7	Z	1.66	1.66	0	%100
15	M8	X	2.875	2.875	0	%100
16	M8	Z	1.66	1.66	0	%100
17	M9	X	2.875	2.875	0	%100
18	M9	Z	1.66	1.66	0	%100
19	M10	X	2.875	2.875	0	%100
20	M10	Z	1.66	1.66	0	%100
21	M11	X	11.499	11.499	0	%100
22	M11	Z	6.639	6.639	0	%100
23	M12	X	11.499	11.499	0	%100
24	M12	Z	6.639	6.639	0	%100
25	M13	X	15.767	15.767	0	%100
26	M13	Z	9.103	9.103	0	%100
27	M14	X	3.173	3.173	0	%100
28	M14	Z	1.832	1.832	0	%100
29	M15	X	3.807	3.807	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.%]
30	M15	Z	2.198	2.198	0	%100
31	M16	X	13.139	13.139	0	%100
32	M16	Z	7.586	7.586	0	%100
33	M17	X	4.079	4.079	0	%100
34	M17	Z	2.355	2.355	0	%100
35	M18	X	3.399	3.399	0	%100
36	M18	Z	1.962	1.962	0	%100
37	M19	X	5.395	5.395	0	%100
38	M19	Z	3.115	3.115	0	%100
39	M20	X	5.395	5.395	0	%100
40	M20	Z	3.115	3.115	0	%100
41	M21	X	21.579	21.579	0	%100
42	M21	Z	12.459	12.459	0	%100
43	M22	X	21.579	21.579	0	%100
44	M22	Z	12.459	12.459	0	%100
45	M23	X	5.395	5.395	0	%100
46	M23	Z	3.115	3.115	0	%100
47	M24	X	5.395	5.395	0	%100
48	M24	Z	3.115	3.115	0	%100
49	M25	X	5.395	5.395	0	%100
50	M25	Z	3.115	3.115	0	%100
51	M26	X	21.579	21.579	0	%100
52	M26	Z	12.459	12.459	0	%100
53	M27	X	5.395	5.395	0	%100
54	M27	Z	3.115	3.115	0	%100
55	M28	X	5.395	5.395	0	%100
56	M28	Z	3.115	3.115	0	%100
57	M29	X	21.579	21.579	0	%100
58	M29	Z	12.459	12.459	0	%100
59	M30	X	21.579	21.579	0	%100
60	M30	Z	12.459	12.459	0	%100
61	M31	X	5.395	5.395	0	%100
62	M31	Z	3.115	3.115	0	%100
63	M32	X	5.395	5.395	0	%100
64	M32	Z	3.115	3.115	0	%100
65	M33	X	5.395	5.395	0	%100
66	M33	Z	3.115	3.115	0	%100
67	MP1A	X	8.542	8.542	0	%100
68	MP1A	Z	4.932	4.932	0	%100
69	MP2A	X	8.542	8.542	0	%100
70	MP2A	Z	4.932	4.932	0	%100
71	MP3A	X	8.542	8.542	0	%100
72	MP3A	Z	4.932	4.932	0	%100
73	MP4A	X	8.542	8.542	0	%100
74	MP4A	Z	4.932	4.932	0	%100
75	MP1B	X	8.542	8.542	0	%100
76	MP1B	Z	4.932	4.932	0	%100
77	MP2B	X	8.542	8.542	0	%100
78	MP2B	Z	4.932	4.932	0	%100
79	MP3B	X	8.542	8.542	0	%100
80	MP3B	Z	4.932	4.932	0	%100
81	MP4B	X	8.542	8.542	0	%100
82	MP4B	Z	4.932	4.932	0	%100
83	MP1C	X	8.542	8.542	0	%100
84	MP1C	Z	4.932	4.932	0	%100
85	MP2C	X	8.542	8.542	0	%100
86	MP2C	Z	4.932	4.932	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, %]
87	MP3C	X	8.542	8.542	0	%100
88	MP3C	Z	4.932	4.932	0	%100
89	MP4C	X	8.542	8.542	0	%100
90	MP4C	Z	4.932	4.932	0	%100
91	M70	X	2.585	2.585	0	%100
92	M70	Z	1.492	1.492	0	%100
93	M71	X	10.34	10.34	0	%100
94	M71	Z	5.97	5.97	0	%100
95	M72	X	2.585	2.585	0	%100
96	M72	Z	1.492	1.492	0	%100
97	M97	X	3.315	3.315	0	%100
98	M97	Z	1.914	1.914	0	%100
99	M98	X	13.262	13.262	0	%100
100	M98	Z	7.657	7.657	0	%100
101	M99	X	3.315	3.315	0	%100
102	M99	Z	1.914	1.914	0	%100
103	M95	X	16.461	16.461	0	%100
104	M95	Z	9.504	9.504	0	%100
105	M97A	X	16.461	16.461	0	%100
106	M97A	Z	9.504	9.504	0	%100
107	M99A	X	17.102	17.102	0	%100
108	M99A	Z	9.874	9.874	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	5.291	5.291	0	%100
2	M1	Z	9.165	9.165	0	%100
3	M2	X	5.291	5.291	0	%100
4	M2	Z	9.165	9.165	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	1.831	1.831	0	%100
8	M4	Z	3.171	3.171	0	%100
9	M5	X	7.323	7.323	0	%100
10	M5	Z	12.683	12.683	0	%100
11	M6	X	1.831	1.831	0	%100
12	M6	Z	3.171	3.171	0	%100
13	M7	X	4.979	4.979	0	%100
14	M7	Z	8.624	8.624	0	%100
15	M8	X	4.979	4.979	0	%100
16	M8	Z	8.624	8.624	0	%100
17	M9	X	0	0	0	%100
18	M9	Z	0	0	0	%100
19	M10	X	0	0	0	%100
20	M10	Z	0	0	0	%100
21	M11	X	4.979	4.979	0	%100
22	M11	Z	8.624	8.624	0	%100
23	M12	X	4.979	4.979	0	%100
24	M12	Z	8.624	8.624	0	%100
25	M13	X	6.906	6.906	0	%100
26	M13	Z	11.961	11.961	0	%100
27	M14	X	.000747	.000747	0	%100
28	M14	Z	.001	.001	0	%100
29	M15	X	6.749	6.749	0	%100
30	M15	Z	11.69	11.69	0	%100
31	M16	X	5.625	5.625	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.%]
32	M16	Z	9.742	9.742	0	%100
33	M17	X	.000897	.000897	0	%100
34	M17	Z	.002	.002	0	%100
35	M18	X	5.755	5.755	0	%100
36	M18	Z	9.968	9.968	0	%100
37	M19	X	0	0	0	%100
38	M19	Z	0	0	0	%100
39	M20	X	9.344	9.344	0	%100
40	M20	Z	16.184	16.184	0	%100
41	M21	X	9.344	9.344	0	%100
42	M21	Z	16.184	16.184	0	%100
43	M22	X	9.344	9.344	0	%100
44	M22	Z	16.184	16.184	0	%100
45	M23	X	0	0	0	%100
46	M23	Z	0	0	0	%100
47	M24	X	9.344	9.344	0	%100
48	M24	Z	16.184	16.184	0	%100
49	M25	X	9.344	9.344	0	%100
50	M25	Z	16.184	16.184	0	%100
51	M26	X	9.344	9.344	0	%100
52	M26	Z	16.184	16.184	0	%100
53	M27	X	0	0	0	%100
54	M27	Z	0	0	0	%100
55	M28	X	0	0	0	%100
56	M28	Z	0	0	0	%100
57	M29	X	9.344	9.344	0	%100
58	M29	Z	16.184	16.184	0	%100
59	M30	X	9.344	9.344	0	%100
60	M30	Z	16.184	16.184	0	%100
61	M31	X	9.344	9.344	0	%100
62	M31	Z	16.184	16.184	0	%100
63	M32	X	9.344	9.344	0	%100
64	M32	Z	16.184	16.184	0	%100
65	M33	X	0	0	0	%100
66	M33	Z	0	0	0	%100
67	MP1A	X	4.932	4.932	0	%100
68	MP1A	Z	8.542	8.542	0	%100
69	MP2A	X	4.932	4.932	0	%100
70	MP2A	Z	8.542	8.542	0	%100
71	MP3A	X	4.932	4.932	0	%100
72	MP3A	Z	8.542	8.542	0	%100
73	MP4A	X	4.932	4.932	0	%100
74	MP4A	Z	8.542	8.542	0	%100
75	MP1B	X	4.932	4.932	0	%100
76	MP1B	Z	8.542	8.542	0	%100
77	MP2B	X	4.932	4.932	0	%100
78	MP2B	Z	8.542	8.542	0	%100
79	MP3B	X	4.932	4.932	0	%100
80	MP3B	Z	8.542	8.542	0	%100
81	MP4B	X	4.932	4.932	0	%100
82	MP4B	Z	8.542	8.542	0	%100
83	MP1C	X	4.932	4.932	0	%100
84	MP1C	Z	8.542	8.542	0	%100
85	MP2C	X	4.932	4.932	0	%100
86	MP2C	Z	8.542	8.542	0	%100
87	MP3C	X	4.932	4.932	0	%100
88	MP3C	Z	8.542	8.542	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. %]
89	MP4C	X	4.932	4.932	0	%100
90	MP4C	Z	8.542	8.542	0	%100
91	M70	X	4.477	4.477	0	%100
92	M70	Z	7.755	7.755	0	%100
93	M71	X	4.477	4.477	0	%100
94	M71	Z	7.755	7.755	0	%100
95	M72	X	0	0	0	%100
96	M72	Z	0	0	0	%100
97	M97	X	0	0	0	%100
98	M97	Z	0	0	0	%100
99	M98	X	5.742	5.742	0	%100
100	M98	Z	9.946	9.946	0	%100
101	M99	X	5.742	5.742	0	%100
102	M99	Z	9.946	9.946	0	%100
103	M95	X	9.751	9.751	0	%100
104	M95	Z	16.888	16.888	0	%100
105	M97A	X	9.38	9.38	0	%100
106	M97A	Z	16.247	16.247	0	%100
107	M99A	X	9.751	9.751	0	%100
108	M99A	Z	16.888	16.888	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	14.11	14.11	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	3.527	3.527	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	3.527	3.527	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	10.984	10.984	0	%100
11	M6	X	0	0	0	%100
12	M6	Z	10.984	10.984	0	%100
13	M7	X	0	0	0	%100
14	M7	Z	13.278	13.278	0	%100
15	M8	X	0	0	0	%100
16	M8	Z	13.278	13.278	0	%100
17	M9	X	0	0	0	%100
18	M9	Z	3.32	3.32	0	%100
19	M10	X	0	0	0	%100
20	M10	Z	3.32	3.32	0	%100
21	M11	X	0	0	0	%100
22	M11	Z	3.32	3.32	0	%100
23	M12	X	0	0	0	%100
24	M12	Z	3.32	3.32	0	%100
25	M13	X	0	0	0	%100
26	M13	Z	4.709	4.709	0	%100
27	M14	X	0	0	0	%100
28	M14	Z	3.925	3.925	0	%100
29	M15	X	0	0	0	%100
30	M15	Z	18.207	18.207	0	%100
31	M16	X	0	0	0	%100
32	M16	Z	3.664	3.664	0	%100
33	M17	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.%]
34	M17	Z	4.397	4.397	0	%100
35	M18	X	0	0	0	%100
36	M18	Z	15.172	15.172	0	%100
37	M19	X	0	0	0	%100
38	M19	Z	6.229	6.229	0	%100
39	M20	X	0	0	0	%100
40	M20	Z	24.917	24.917	0	%100
41	M21	X	0	0	0	%100
42	M21	Z	6.229	6.229	0	%100
43	M22	X	0	0	0	%100
44	M22	Z	6.229	6.229	0	%100
45	M23	X	0	0	0	%100
46	M23	Z	6.229	6.229	0	%100
47	M24	X	0	0	0	%100
48	M24	Z	24.917	24.917	0	%100
49	M25	X	0	0	0	%100
50	M25	Z	24.917	24.917	0	%100
51	M26	X	0	0	0	%100
52	M26	Z	6.229	6.229	0	%100
53	M27	X	0	0	0	%100
54	M27	Z	6.229	6.229	0	%100
55	M28	X	0	0	0	%100
56	M28	Z	6.229	6.229	0	%100
57	M29	X	0	0	0	%100
58	M29	Z	6.229	6.229	0	%100
59	M30	X	0	0	0	%100
60	M30	Z	6.229	6.229	0	%100
61	M31	X	0	0	0	%100
62	M31	Z	24.917	24.917	0	%100
63	M32	X	0	0	0	%100
64	M32	Z	24.917	24.917	0	%100
65	M33	X	0	0	0	%100
66	M33	Z	6.229	6.229	0	%100
67	MP1A	X	0	0	0	%100
68	MP1A	Z	9.863	9.863	0	%100
69	MP2A	X	0	0	0	%100
70	MP2A	Z	9.863	9.863	0	%100
71	MP3A	X	0	0	0	%100
72	MP3A	Z	9.863	9.863	0	%100
73	MP4A	X	0	0	0	%100
74	MP4A	Z	9.863	9.863	0	%100
75	MP1B	X	0	0	0	%100
76	MP1B	Z	9.863	9.863	0	%100
77	MP2B	X	0	0	0	%100
78	MP2B	Z	9.863	9.863	0	%100
79	MP3B	X	0	0	0	%100
80	MP3B	Z	9.863	9.863	0	%100
81	MP4B	X	0	0	0	%100
82	MP4B	Z	9.863	9.863	0	%100
83	MP1C	X	0	0	0	%100
84	MP1C	Z	9.863	9.863	0	%100
85	MP2C	X	0	0	0	%100
86	MP2C	Z	9.863	9.863	0	%100
87	MP3C	X	0	0	0	%100
88	MP3C	Z	9.863	9.863	0	%100
89	MP4C	X	0	0	0	%100
90	MP4C	Z	9.863	9.863	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, %]
91	M70	X	0	0	0	%100
92	M70	Z	11.939	11.939	0	%100
93	M71	X	0	0	0	%100
94	M71	Z	2.985	2.985	0	%100
95	M72	X	0	0	0	%100
96	M72	Z	2.985	2.985	0	%100
97	M97	X	0	0	0	%100
98	M97	Z	3.828	3.828	0	%100
99	M98	X	0	0	0	%100
100	M98	Z	3.828	3.828	0	%100
101	M99	X	0	0	0	%100
102	M99	Z	15.313	15.313	0	%100
103	M95	X	0	0	0	%100
104	M95	Z	19.748	19.748	0	%100
105	M97A	X	0	0	0	%100
106	M97A	Z	19.007	19.007	0	%100
107	M99A	X	0	0	0	%100
108	M99A	Z	19.007	19.007	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M1	X	-5.291	-5.291	0	%100
2	M1	Z	9.165	9.165	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	-5.291	-5.291	0	%100
6	M3	Z	9.165	9.165	0	%100
7	M4	X	-1.831	-1.831	0	%100
8	M4	Z	3.171	3.171	0	%100
9	M5	X	-1.831	-1.831	0	%100
10	M5	Z	3.171	3.171	0	%100
11	M6	X	-7.323	-7.323	0	%100
12	M6	Z	12.683	12.683	0	%100
13	M7	X	-4.979	-4.979	0	%100
14	M7	Z	8.624	8.624	0	%100
15	M8	X	-4.979	-4.979	0	%100
16	M8	Z	8.624	8.624	0	%100
17	M9	X	-4.979	-4.979	0	%100
18	M9	Z	8.624	8.624	0	%100
19	M10	X	-4.979	-4.979	0	%100
20	M10	Z	8.624	8.624	0	%100
21	M11	X	0	0	0	%100
22	M11	Z	0	0	0	%100
23	M12	X	0	0	0	%100
24	M12	Z	0	0	0	%100
25	M13	X	-.000897	-.000897	0	%100
26	M13	Z	.002	.002	0	%100
27	M14	X	-5.755	-5.755	0	%100
28	M14	Z	9.968	9.968	0	%100
29	M15	X	-6.906	-6.906	0	%100
30	M15	Z	11.961	11.961	0	%100
31	M16	X	-.000747	-.000747	0	%100
32	M16	Z	.001	.001	0	%100
33	M17	X	-6.749	-6.749	0	%100
34	M17	Z	11.69	11.69	0	%100
35	M18	X	-5.625	-5.625	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.%]
36	M18	Z	9.742	9.742	0	%100
37	M19	X	-9.344	-9.344	0	%100
38	M19	Z	16.184	16.184	0	%100
39	M20	X	-9.344	-9.344	0	%100
40	M20	Z	16.184	16.184	0	%100
41	M21	X	0	0	0	%100
42	M21	Z	0	0	0	%100
43	M22	X	0	0	0	%100
44	M22	Z	0	0	0	%100
45	M23	X	-9.344	-9.344	0	%100
46	M23	Z	16.184	16.184	0	%100
47	M24	X	-9.344	-9.344	0	%100
48	M24	Z	16.184	16.184	0	%100
49	M25	X	-9.344	-9.344	0	%100
50	M25	Z	16.184	16.184	0	%100
51	M26	X	0	0	0	%100
52	M26	Z	0	0	0	%100
53	M27	X	-9.344	-9.344	0	%100
54	M27	Z	16.184	16.184	0	%100
55	M28	X	-9.344	-9.344	0	%100
56	M28	Z	16.184	16.184	0	%100
57	M29	X	0	0	0	%100
58	M29	Z	0	0	0	%100
59	M30	X	0	0	0	%100
60	M30	Z	0	0	0	%100
61	M31	X	-9.344	-9.344	0	%100
62	M31	Z	16.184	16.184	0	%100
63	M32	X	-9.344	-9.344	0	%100
64	M32	Z	16.184	16.184	0	%100
65	M33	X	-9.344	-9.344	0	%100
66	M33	Z	16.184	16.184	0	%100
67	MP1A	X	-4.932	-4.932	0	%100
68	MP1A	Z	8.542	8.542	0	%100
69	MP2A	X	-4.932	-4.932	0	%100
70	MP2A	Z	8.542	8.542	0	%100
71	MP3A	X	-4.932	-4.932	0	%100
72	MP3A	Z	8.542	8.542	0	%100
73	MP4A	X	-4.932	-4.932	0	%100
74	MP4A	Z	8.542	8.542	0	%100
75	MP1B	X	-4.932	-4.932	0	%100
76	MP1B	Z	8.542	8.542	0	%100
77	MP2B	X	-4.932	-4.932	0	%100
78	MP2B	Z	8.542	8.542	0	%100
79	MP3B	X	-4.932	-4.932	0	%100
80	MP3B	Z	8.542	8.542	0	%100
81	MP4B	X	-4.932	-4.932	0	%100
82	MP4B	Z	8.542	8.542	0	%100
83	MP1C	X	-4.932	-4.932	0	%100
84	MP1C	Z	8.542	8.542	0	%100
85	MP2C	X	-4.932	-4.932	0	%100
86	MP2C	Z	8.542	8.542	0	%100
87	MP3C	X	-4.932	-4.932	0	%100
88	MP3C	Z	8.542	8.542	0	%100
89	MP4C	X	-4.932	-4.932	0	%100
90	MP4C	Z	8.542	8.542	0	%100
91	M70	X	-4.477	-4.477	0	%100
92	M70	Z	7.755	7.755	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.%]
93	M71	X	0	0	0	%100
94	M71	Z	0	0	0	%100
95	M72	X	-4.477	-4.477	0	%100
96	M72	Z	7.755	7.755	0	%100
97	M97	X	-5.742	-5.742	0	%100
98	M97	Z	9.946	9.946	0	%100
99	M98	X	0	0	0	%100
100	M98	Z	0	0	0	%100
101	M99	X	-5.742	-5.742	0	%100
102	M99	Z	9.946	9.946	0	%100
103	M95	X	-9.751	-9.751	0	%100
104	M95	Z	16.888	16.888	0	%100
105	M97A	X	-9.751	-9.751	0	%100
106	M97A	Z	16.888	16.888	0	%100
107	M99A	X	-9.38	-9.38	0	%100
108	M99A	Z	16.247	16.247	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	-3.055	-3.055	0	%100
2	M1	Z	1.764	1.764	0	%100
3	M2	X	-3.055	-3.055	0	%100
4	M2	Z	1.764	1.764	0	%100
5	M3	X	-12.219	-12.219	0	%100
6	M3	Z	7.055	7.055	0	%100
7	M4	X	-9.513	-9.513	0	%100
8	M4	Z	5.492	5.492	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	0	0	0	%100
11	M6	X	-9.513	-9.513	0	%100
12	M6	Z	5.492	5.492	0	%100
13	M7	X	-2.875	-2.875	0	%100
14	M7	Z	1.66	1.66	0	%100
15	M8	X	-2.875	-2.875	0	%100
16	M8	Z	1.66	1.66	0	%100
17	M9	X	-11.499	-11.499	0	%100
18	M9	Z	6.639	6.639	0	%100
19	M10	X	-11.499	-11.499	0	%100
20	M10	Z	6.639	6.639	0	%100
21	M11	X	-2.875	-2.875	0	%100
22	M11	Z	1.66	1.66	0	%100
23	M12	X	-2.875	-2.875	0	%100
24	M12	Z	1.66	1.66	0	%100
25	M13	X	-3.807	-3.807	0	%100
26	M13	Z	2.198	2.198	0	%100
27	M14	X	-13.139	-13.139	0	%100
28	M14	Z	7.586	7.586	0	%100
29	M15	X	-4.079	-4.079	0	%100
30	M15	Z	2.355	2.355	0	%100
31	M16	X	-3.399	-3.399	0	%100
32	M16	Z	1.962	1.962	0	%100
33	M17	X	-15.767	-15.767	0	%100
34	M17	Z	9.103	9.103	0	%100
35	M18	X	-3.173	-3.173	0	%100
36	M18	Z	1.832	1.832	0	%100
37	M19	X	-21.579	-21.579	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.%]
38	M19	Z	12.459	12.459	0	%100
39	M20	X	-5.395	-5.395	0	%100
40	M20	Z	3.115	3.115	0	%100
41	M21	X	-5.395	-5.395	0	%100
42	M21	Z	3.115	3.115	0	%100
43	M22	X	-5.395	-5.395	0	%100
44	M22	Z	3.115	3.115	0	%100
45	M23	X	-21.579	-21.579	0	%100
46	M23	Z	12.459	12.459	0	%100
47	M24	X	-5.395	-5.395	0	%100
48	M24	Z	3.115	3.115	0	%100
49	M25	X	-5.395	-5.395	0	%100
50	M25	Z	3.115	3.115	0	%100
51	M26	X	-5.395	-5.395	0	%100
52	M26	Z	3.115	3.115	0	%100
53	M27	X	-21.579	-21.579	0	%100
54	M27	Z	12.459	12.459	0	%100
55	M28	X	-21.579	-21.579	0	%100
56	M28	Z	12.459	12.459	0	%100
57	M29	X	-5.395	-5.395	0	%100
58	M29	Z	3.115	3.115	0	%100
59	M30	X	-5.395	-5.395	0	%100
60	M30	Z	3.115	3.115	0	%100
61	M31	X	-5.395	-5.395	0	%100
62	M31	Z	3.115	3.115	0	%100
63	M32	X	-5.395	-5.395	0	%100
64	M32	Z	3.115	3.115	0	%100
65	M33	X	-21.579	-21.579	0	%100
66	M33	Z	12.459	12.459	0	%100
67	MP1A	X	-8.542	-8.542	0	%100
68	MP1A	Z	4.932	4.932	0	%100
69	MP2A	X	-8.542	-8.542	0	%100
70	MP2A	Z	4.932	4.932	0	%100
71	MP3A	X	-8.542	-8.542	0	%100
72	MP3A	Z	4.932	4.932	0	%100
73	MP4A	X	-8.542	-8.542	0	%100
74	MP4A	Z	4.932	4.932	0	%100
75	MP1B	X	-8.542	-8.542	0	%100
76	MP1B	Z	4.932	4.932	0	%100
77	MP2B	X	-8.542	-8.542	0	%100
78	MP2B	Z	4.932	4.932	0	%100
79	MP3B	X	-8.542	-8.542	0	%100
80	MP3B	Z	4.932	4.932	0	%100
81	MP4B	X	-8.542	-8.542	0	%100
82	MP4B	Z	4.932	4.932	0	%100
83	MP1C	X	-8.542	-8.542	0	%100
84	MP1C	Z	4.932	4.932	0	%100
85	MP2C	X	-8.542	-8.542	0	%100
86	MP2C	Z	4.932	4.932	0	%100
87	MP3C	X	-8.542	-8.542	0	%100
88	MP3C	Z	4.932	4.932	0	%100
89	MP4C	X	-8.542	-8.542	0	%100
90	MP4C	Z	4.932	4.932	0	%100
91	M70	X	-2.585	-2.585	0	%100
92	M70	Z	1.492	1.492	0	%100
93	M71	X	-2.585	-2.585	0	%100
94	M71	Z	1.492	1.492	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.%]
95	M72	X	-10.34	-10.34	0	%100
96	M72	Z	5.97	5.97	0	%100
97	M97	X	-13.262	-13.262	0	%100
98	M97	Z	7.657	7.657	0	%100
99	M98	X	-3.315	-3.315	0	%100
100	M98	Z	1.914	1.914	0	%100
101	M99	X	-3.315	-3.315	0	%100
102	M99	Z	1.914	1.914	0	%100
103	M95	X	-16.461	-16.461	0	%100
104	M95	Z	9.504	9.504	0	%100
105	M97A	X	-17.102	-17.102	0	%100
106	M97A	Z	9.874	9.874	0	%100
107	M99A	X	-16.461	-16.461	0	%100
108	M99A	Z	9.504	9.504	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%]	End Location[ft.%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	-10.582	-10.582	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	-10.582	-10.582	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	-14.645	-14.645	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	-3.661	-3.661	0	%100
10	M5	Z	0	0	0	%100
11	M6	X	-3.661	-3.661	0	%100
12	M6	Z	0	0	0	%100
13	M7	X	0	0	0	%100
14	M7	Z	0	0	0	%100
15	M8	X	0	0	0	%100
16	M8	Z	0	0	0	%100
17	M9	X	-9.959	-9.959	0	%100
18	M9	Z	0	0	0	%100
19	M10	X	-9.959	-9.959	0	%100
20	M10	Z	0	0	0	%100
21	M11	X	-9.959	-9.959	0	%100
22	M11	Z	0	0	0	%100
23	M12	X	-9.959	-9.959	0	%100
24	M12	Z	0	0	0	%100
25	M13	X	-13.499	-13.499	0	%100
26	M13	Z	0	0	0	%100
27	M14	X	-11.249	-11.249	0	%100
28	M14	Z	0	0	0	%100
29	M15	X	-0.002	-0.002	0	%100
30	M15	Z	0	0	0	%100
31	M16	X	-11.51	-11.51	0	%100
32	M16	Z	0	0	0	%100
33	M17	X	-13.812	-13.812	0	%100
34	M17	Z	0	0	0	%100
35	M18	X	-0.001	-0.001	0	%100
36	M18	Z	0	0	0	%100
37	M19	X	-18.688	-18.688	0	%100
38	M19	Z	0	0	0	%100
39	M20	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft.F....]	Start Location[ft.%]	End Location[ft.%]
40	M20	Z	0	0	0	%100
41	M21	X	-18.688	-18.688	0	%100
42	M21	Z	0	0	0	%100
43	M22	X	-18.688	-18.688	0	%100
44	M22	Z	0	0	0	%100
45	M23	X	-18.688	-18.688	0	%100
46	M23	Z	0	0	0	%100
47	M24	X	0	0	0	%100
48	M24	Z	0	0	0	%100
49	M25	X	0	0	0	%100
50	M25	Z	0	0	0	%100
51	M26	X	-18.688	-18.688	0	%100
52	M26	Z	0	0	0	%100
53	M27	X	-18.688	-18.688	0	%100
54	M27	Z	0	0	0	%100
55	M28	X	-18.688	-18.688	0	%100
56	M28	Z	0	0	0	%100
57	M29	X	-18.688	-18.688	0	%100
58	M29	Z	0	0	0	%100
59	M30	X	-18.688	-18.688	0	%100
60	M30	Z	0	0	0	%100
61	M31	X	0	0	0	%100
62	M31	Z	0	0	0	%100
63	M32	X	0	0	0	%100
64	M32	Z	0	0	0	%100
65	M33	X	-18.688	-18.688	0	%100
66	M33	Z	0	0	0	%100
67	MP1A	X	-9.863	-9.863	0	%100
68	MP1A	Z	0	0	0	%100
69	MP2A	X	-9.863	-9.863	0	%100
70	MP2A	Z	0	0	0	%100
71	MP3A	X	-9.863	-9.863	0	%100
72	MP3A	Z	0	0	0	%100
73	MP4A	X	-9.863	-9.863	0	%100
74	MP4A	Z	0	0	0	%100
75	MP1B	X	-9.863	-9.863	0	%100
76	MP1B	Z	0	0	0	%100
77	MP2B	X	-9.863	-9.863	0	%100
78	MP2B	Z	0	0	0	%100
79	MP3B	X	-9.863	-9.863	0	%100
80	MP3B	Z	0	0	0	%100
81	MP4B	X	-9.863	-9.863	0	%100
82	MP4B	Z	0	0	0	%100
83	MP1C	X	-9.863	-9.863	0	%100
84	MP1C	Z	0	0	0	%100
85	MP2C	X	-9.863	-9.863	0	%100
86	MP2C	Z	0	0	0	%100
87	MP3C	X	-9.863	-9.863	0	%100
88	MP3C	Z	0	0	0	%100
89	MP4C	X	-9.863	-9.863	0	%100
90	MP4C	Z	0	0	0	%100
91	M70	X	0	0	0	%100
92	M70	Z	0	0	0	%100
93	M71	X	-8.955	-8.955	0	%100
94	M71	Z	0	0	0	%100
95	M72	X	-8.955	-8.955	0	%100
96	M72	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
97	M97	X	-11.485	-11.485	0	%100
98	M97	Z	0	0	0	%100
99	M98	X	-11.485	-11.485	0	%100
100	M98	Z	0	0	0	%100
101	M99	X	0	0	0	%100
102	M99	Z	0	0	0	%100
103	M95	X	-18.76	-18.76	0	%100
104	M95	Z	0	0	0	%100
105	M97A	X	-19.501	-19.501	0	%100
106	M97A	Z	0	0	0	%100
107	M99A	X	-19.501	-19.501	0	%100
108	M99A	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	-3.055	-3.055	0	%100
2	M1	Z	-1.764	-1.764	0	%100
3	M2	X	-12.219	-12.219	0	%100
4	M2	Z	-7.055	-7.055	0	%100
5	M3	X	-3.055	-3.055	0	%100
6	M3	Z	-1.764	-1.764	0	%100
7	M4	X	-9.513	-9.513	0	%100
8	M4	Z	-5.492	-5.492	0	%100
9	M5	X	-9.513	-9.513	0	%100
10	M5	Z	-5.492	-5.492	0	%100
11	M6	X	0	0	0	%100
12	M6	Z	0	0	0	%100
13	M7	X	-2.875	-2.875	0	%100
14	M7	Z	-1.66	-1.66	0	%100
15	M8	X	-2.875	-2.875	0	%100
16	M8	Z	-1.66	-1.66	0	%100
17	M9	X	-2.875	-2.875	0	%100
18	M9	Z	-1.66	-1.66	0	%100
19	M10	X	-2.875	-2.875	0	%100
20	M10	Z	-1.66	-1.66	0	%100
21	M11	X	-11.499	-11.499	0	%100
22	M11	Z	-6.639	-6.639	0	%100
23	M12	X	-11.499	-11.499	0	%100
24	M12	Z	-6.639	-6.639	0	%100
25	M13	X	-15.767	-15.767	0	%100
26	M13	Z	-9.103	-9.103	0	%100
27	M14	X	-3.173	-3.173	0	%100
28	M14	Z	-1.832	-1.832	0	%100
29	M15	X	-3.807	-3.807	0	%100
30	M15	Z	-2.198	-2.198	0	%100
31	M16	X	-13.139	-13.139	0	%100
32	M16	Z	-7.586	-7.586	0	%100
33	M17	X	-4.079	-4.079	0	%100
34	M17	Z	-2.355	-2.355	0	%100
35	M18	X	-3.399	-3.399	0	%100
36	M18	Z	-1.962	-1.962	0	%100
37	M19	X	-5.395	-5.395	0	%100
38	M19	Z	-3.115	-3.115	0	%100
39	M20	X	-5.395	-5.395	0	%100
40	M20	Z	-3.115	-3.115	0	%100
41	M21	X	-21.579	-21.579	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. %]
42	M21	Z	-12.459	-12.459	0	%100
43	M22	X	-21.579	-21.579	0	%100
44	M22	Z	-12.459	-12.459	0	%100
45	M23	X	-5.395	-5.395	0	%100
46	M23	Z	-3.115	-3.115	0	%100
47	M24	X	-5.395	-5.395	0	%100
48	M24	Z	-3.115	-3.115	0	%100
49	M25	X	-5.395	-5.395	0	%100
50	M25	Z	-3.115	-3.115	0	%100
51	M26	X	-21.579	-21.579	0	%100
52	M26	Z	-12.459	-12.459	0	%100
53	M27	X	-5.395	-5.395	0	%100
54	M27	Z	-3.115	-3.115	0	%100
55	M28	X	-5.395	-5.395	0	%100
56	M28	Z	-3.115	-3.115	0	%100
57	M29	X	-21.579	-21.579	0	%100
58	M29	Z	-12.459	-12.459	0	%100
59	M30	X	-21.579	-21.579	0	%100
60	M30	Z	-12.459	-12.459	0	%100
61	M31	X	-5.395	-5.395	0	%100
62	M31	Z	-3.115	-3.115	0	%100
63	M32	X	-5.395	-5.395	0	%100
64	M32	Z	-3.115	-3.115	0	%100
65	M33	X	-5.395	-5.395	0	%100
66	M33	Z	-3.115	-3.115	0	%100
67	MP1A	X	-8.542	-8.542	0	%100
68	MP1A	Z	-4.932	-4.932	0	%100
69	MP2A	X	-8.542	-8.542	0	%100
70	MP2A	Z	-4.932	-4.932	0	%100
71	MP3A	X	-8.542	-8.542	0	%100
72	MP3A	Z	-4.932	-4.932	0	%100
73	MP4A	X	-8.542	-8.542	0	%100
74	MP4A	Z	-4.932	-4.932	0	%100
75	MP1B	X	-8.542	-8.542	0	%100
76	MP1B	Z	-4.932	-4.932	0	%100
77	MP2B	X	-8.542	-8.542	0	%100
78	MP2B	Z	-4.932	-4.932	0	%100
79	MP3B	X	-8.542	-8.542	0	%100
80	MP3B	Z	-4.932	-4.932	0	%100
81	MP4B	X	-8.542	-8.542	0	%100
82	MP4B	Z	-4.932	-4.932	0	%100
83	MP1C	X	-8.542	-8.542	0	%100
84	MP1C	Z	-4.932	-4.932	0	%100
85	MP2C	X	-8.542	-8.542	0	%100
86	MP2C	Z	-4.932	-4.932	0	%100
87	MP3C	X	-8.542	-8.542	0	%100
88	MP3C	Z	-4.932	-4.932	0	%100
89	MP4C	X	-8.542	-8.542	0	%100
90	MP4C	Z	-4.932	-4.932	0	%100
91	M70	X	-2.585	-2.585	0	%100
92	M70	Z	-1.492	-1.492	0	%100
93	M71	X	-10.34	-10.34	0	%100
94	M71	Z	-5.97	-5.97	0	%100
95	M72	X	-2.585	-2.585	0	%100
96	M72	Z	-1.492	-1.492	0	%100
97	M97	X	-3.315	-3.315	0	%100
98	M97	Z	-1.914	-1.914	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.%]
99	M98	X	-13.262	-13.262	0	%100
100	M98	Z	-7.657	-7.657	0	%100
101	M99	X	-3.315	-3.315	0	%100
102	M99	Z	-1.914	-1.914	0	%100
103	M95	X	-16.461	-16.461	0	%100
104	M95	Z	-9.504	-9.504	0	%100
105	M97A	X	-16.461	-16.461	0	%100
106	M97A	Z	-9.504	-9.504	0	%100
107	M99A	X	-17.102	-17.102	0	%100
108	M99A	Z	-9.874	-9.874	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%]	End Location[ft.%]
1	M1	X	-5.291	-5.291	0	%100
2	M1	Z	-9.165	-9.165	0	%100
3	M2	X	-5.291	-5.291	0	%100
4	M2	Z	-9.165	-9.165	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	-1.831	-1.831	0	%100
8	M4	Z	-3.171	-3.171	0	%100
9	M5	X	-7.323	-7.323	0	%100
10	M5	Z	-12.683	-12.683	0	%100
11	M6	X	-1.831	-1.831	0	%100
12	M6	Z	-3.171	-3.171	0	%100
13	M7	X	-4.979	-4.979	0	%100
14	M7	Z	-8.624	-8.624	0	%100
15	M8	X	-4.979	-4.979	0	%100
16	M8	Z	-8.624	-8.624	0	%100
17	M9	X	0	0	0	%100
18	M9	Z	0	0	0	%100
19	M10	X	0	0	0	%100
20	M10	Z	0	0	0	%100
21	M11	X	-4.979	-4.979	0	%100
22	M11	Z	-8.624	-8.624	0	%100
23	M12	X	-4.979	-4.979	0	%100
24	M12	Z	-8.624	-8.624	0	%100
25	M13	X	-6.906	-6.906	0	%100
26	M13	Z	-11.961	-11.961	0	%100
27	M14	X	-.000747	-.000747	0	%100
28	M14	Z	-.001	-.001	0	%100
29	M15	X	-6.749	-6.749	0	%100
30	M15	Z	-11.69	-11.69	0	%100
31	M16	X	-5.625	-5.625	0	%100
32	M16	Z	-9.742	-9.742	0	%100
33	M17	X	-.000897	-.000897	0	%100
34	M17	Z	-.002	-.002	0	%100
35	M18	X	-5.755	-5.755	0	%100
36	M18	Z	-9.968	-9.968	0	%100
37	M19	X	0	0	0	%100
38	M19	Z	0	0	0	%100
39	M20	X	-9.344	-9.344	0	%100
40	M20	Z	-16.184	-16.184	0	%100
41	M21	X	-9.344	-9.344	0	%100
42	M21	Z	-16.184	-16.184	0	%100
43	M22	X	-9.344	-9.344	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.%]
44	M22	Z	-16.184	-16.184	0	%100
45	M23	X	0	0	0	%100
46	M23	Z	0	0	0	%100
47	M24	X	-9.344	-9.344	0	%100
48	M24	Z	-16.184	-16.184	0	%100
49	M25	X	-9.344	-9.344	0	%100
50	M25	Z	-16.184	-16.184	0	%100
51	M26	X	-9.344	-9.344	0	%100
52	M26	Z	-16.184	-16.184	0	%100
53	M27	X	0	0	0	%100
54	M27	Z	0	0	0	%100
55	M28	X	0	0	0	%100
56	M28	Z	0	0	0	%100
57	M29	X	-9.344	-9.344	0	%100
58	M29	Z	-16.184	-16.184	0	%100
59	M30	X	-9.344	-9.344	0	%100
60	M30	Z	-16.184	-16.184	0	%100
61	M31	X	-9.344	-9.344	0	%100
62	M31	Z	-16.184	-16.184	0	%100
63	M32	X	-9.344	-9.344	0	%100
64	M32	Z	-16.184	-16.184	0	%100
65	M33	X	0	0	0	%100
66	M33	Z	0	0	0	%100
67	MP1A	X	-4.932	-4.932	0	%100
68	MP1A	Z	-8.542	-8.542	0	%100
69	MP2A	X	-4.932	-4.932	0	%100
70	MP2A	Z	-8.542	-8.542	0	%100
71	MP3A	X	-4.932	-4.932	0	%100
72	MP3A	Z	-8.542	-8.542	0	%100
73	MP4A	X	-4.932	-4.932	0	%100
74	MP4A	Z	-8.542	-8.542	0	%100
75	MP1B	X	-4.932	-4.932	0	%100
76	MP1B	Z	-8.542	-8.542	0	%100
77	MP2B	X	-4.932	-4.932	0	%100
78	MP2B	Z	-8.542	-8.542	0	%100
79	MP3B	X	-4.932	-4.932	0	%100
80	MP3B	Z	-8.542	-8.542	0	%100
81	MP4B	X	-4.932	-4.932	0	%100
82	MP4B	Z	-8.542	-8.542	0	%100
83	MP1C	X	-4.932	-4.932	0	%100
84	MP1C	Z	-8.542	-8.542	0	%100
85	MP2C	X	-4.932	-4.932	0	%100
86	MP2C	Z	-8.542	-8.542	0	%100
87	MP3C	X	-4.932	-4.932	0	%100
88	MP3C	Z	-8.542	-8.542	0	%100
89	MP4C	X	-4.932	-4.932	0	%100
90	MP4C	Z	-8.542	-8.542	0	%100
91	M70	X	-4.477	-4.477	0	%100
92	M70	Z	-7.755	-7.755	0	%100
93	M71	X	-4.477	-4.477	0	%100
94	M71	Z	-7.755	-7.755	0	%100
95	M72	X	0	0	0	%100
96	M72	Z	0	0	0	%100
97	M97	X	0	0	0	%100
98	M97	Z	0	0	0	%100
99	M98	X	-5.742	-5.742	0	%100
100	M98	Z	-9.946	-9.946	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, %]
101	M99	X	-5.742	-5.742	0	%100
102	M99	Z	-9.946	-9.946	0	%100
103	M95	X	-9.751	-9.751	0	%100
104	M95	Z	-16.888	-16.888	0	%100
105	M97A	X	-9.38	-9.38	0	%100
106	M97A	Z	-16.247	-16.247	0	%100
107	M99A	X	-9.751	-9.751	0	%100
108	M99A	Z	-16.888	-16.888	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M1	X	0	0	0	%100
2	M1	Z	-4.994	-4.994	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	-1.248	-1.248	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	-1.248	-1.248	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	-3.508	-3.508	0	%100
11	M6	X	0	0	0	%100
12	M6	Z	-3.508	-3.508	0	%100
13	M7	X	0	0	0	%100
14	M7	Z	-4.074	-4.074	0	%100
15	M8	X	0	0	0	%100
16	M8	Z	-4.074	-4.074	0	%100
17	M9	X	0	0	0	%100
18	M9	Z	-1.019	-1.019	0	%100
19	M10	X	0	0	0	%100
20	M10	Z	-1.019	-1.019	0	%100
21	M11	X	0	0	0	%100
22	M11	Z	-1.019	-1.019	0	%100
23	M12	X	0	0	0	%100
24	M12	Z	-1.019	-1.019	0	%100
25	M13	X	0	0	0	%100
26	M13	Z	-1.343	-1.343	0	%100
27	M14	X	0	0	0	%100
28	M14	Z	-1.207	-1.207	0	%100
29	M15	X	0	0	0	%100
30	M15	Z	-5.193	-5.193	0	%100
31	M16	X	0	0	0	%100
32	M16	Z	-1.127	-1.127	0	%100
33	M17	X	0	0	0	%100
34	M17	Z	-1.254	-1.254	0	%100
35	M18	X	0	0	0	%100
36	M18	Z	-4.666	-4.666	0	%100
37	M19	X	0	0	0	%100
38	M19	Z	-1.442	-1.442	0	%100
39	M20	X	0	0	0	%100
40	M20	Z	-5.823	-5.823	0	%100
41	M21	X	0	0	0	%100
42	M21	Z	-1.442	-1.442	0	%100
43	M22	X	0	0	0	%100
44	M22	Z	-1.442	-1.442	0	%100
45	M23	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.%]
46	M23	Z	-1.456	-1.456	0	%100
47	M24	X	0	0	0	%100
48	M24	Z	-5.767	-5.767	0	%100
49	M25	X	0	0	0	%100
50	M25	Z	-5.767	-5.767	0	%100
51	M26	X	0	0	0	%100
52	M26	Z	-1.456	-1.456	0	%100
53	M27	X	0	0	0	%100
54	M27	Z	-1.442	-1.442	0	%100
55	M28	X	0	0	0	%100
56	M28	Z	-1.442	-1.442	0	%100
57	M29	X	0	0	0	%100
58	M29	Z	-1.442	-1.442	0	%100
59	M30	X	0	0	0	%100
60	M30	Z	-1.442	-1.442	0	%100
61	M31	X	0	0	0	%100
62	M31	Z	-5.767	-5.767	0	%100
63	M32	X	0	0	0	%100
64	M32	Z	-5.767	-5.767	0	%100
65	M33	X	0	0	0	%100
66	M33	Z	-1.442	-1.442	0	%100
67	MP1A	X	0	0	0	%100
68	MP1A	Z	-4	-4	0	%100
69	MP2A	X	0	0	0	%100
70	MP2A	Z	-4	-4	0	%100
71	MP3A	X	0	0	0	%100
72	MP3A	Z	-4	-4	0	%100
73	MP4A	X	0	0	0	%100
74	MP4A	Z	-4	-4	0	%100
75	MP1B	X	0	0	0	%100
76	MP1B	Z	-4	-4	0	%100
77	MP2B	X	0	0	0	%100
78	MP2B	Z	-4	-4	0	%100
79	MP3B	X	0	0	0	%100
80	MP3B	Z	-4	-4	0	%100
81	MP4B	X	0	0	0	%100
82	MP4B	Z	-4	-4	0	%100
83	MP1C	X	0	0	0	%100
84	MP1C	Z	-4	-4	0	%100
85	MP2C	X	0	0	0	%100
86	MP2C	Z	-4	-4	0	%100
87	MP3C	X	0	0	0	%100
88	MP3C	Z	-4	-4	0	%100
89	MP4C	X	0	0	0	%100
90	MP4C	Z	-4	-4	0	%100
91	M70	X	0	0	0	%100
92	M70	Z	-4.543	-4.543	0	%100
93	M71	X	0	0	0	%100
94	M71	Z	-1.136	-1.136	0	%100
95	M72	X	0	0	0	%100
96	M72	Z	-1.136	-1.136	0	%100
97	M97	X	0	0	0	%100
98	M97	Z	-1.089	-1.089	0	%100
99	M98	X	0	0	0	%100
100	M98	Z	-1.089	-1.089	0	%100
101	M99	X	0	0	0	%100
102	M99	Z	-4.356	-4.356	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.%]
103	M95	X	0	0	0	%100
104	M95	Z	-4.706	-4.706	0	%100
105	M97A	X	0	0	0	%100
106	M97A	Z	-5.191	-5.191	0	%100
107	M99A	X	0	0	0	%100
108	M99A	Z	-5.191	-5.191	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%]	End Location[ft.%]
1	M1	X	1.873	1.873	0	%100
2	M1	Z	-3.243	-3.243	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	1.873	1.873	0	%100
6	M3	Z	-3.243	-3.243	0	%100
7	M4	X	.585	.585	0	%100
8	M4	Z	-1.013	-1.013	0	%100
9	M5	X	.585	.585	0	%100
10	M5	Z	-1.013	-1.013	0	%100
11	M6	X	2.338	2.338	0	%100
12	M6	Z	-4.05	-4.05	0	%100
13	M7	X	1.528	1.528	0	%100
14	M7	Z	-2.646	-2.646	0	%100
15	M8	X	1.528	1.528	0	%100
16	M8	Z	-2.646	-2.646	0	%100
17	M9	X	1.528	1.528	0	%100
18	M9	Z	-2.646	-2.646	0	%100
19	M10	X	1.528	1.528	0	%100
20	M10	Z	-2.646	-2.646	0	%100
21	M11	X	0	0	0	%100
22	M11	Z	0	0	0	%100
23	M12	X	0	0	0	%100
24	M12	Z	0	0	0	%100
25	M13	X	.000256	.000256	0	%100
26	M13	Z	-.000443	-.000443	0	%100
27	M14	X	1.77	1.77	0	%100
28	M14	Z	-3.065	-3.065	0	%100
29	M15	X	1.97	1.97	0	%100
30	M15	Z	-3.412	-3.412	0	%100
31	M16	X	.00023	.00023	0	%100
32	M16	Z	-.000398	-.000398	0	%100
33	M17	X	1.925	1.925	0	%100
34	M17	Z	-3.334	-3.334	0	%100
35	M18	X	1.73	1.73	0	%100
36	M18	Z	-2.996	-2.996	0	%100
37	M19	X	2.163	2.163	0	%100
38	M19	Z	-3.746	-3.746	0	%100
39	M20	X	2.183	2.183	0	%100
40	M20	Z	-3.782	-3.782	0	%100
41	M21	X	0	0	0	%100
42	M21	Z	0	0	0	%100
43	M22	X	0	0	0	%100
44	M22	Z	0	0	0	%100
45	M23	X	2.183	2.183	0	%100
46	M23	Z	-3.782	-3.782	0	%100
47	M24	X	2.163	2.163	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.%]
48	M24	Z	-3.746	-3.746	0	%100
49	M25	X	2.163	2.163	0	%100
50	M25	Z	-3.746	-3.746	0	%100
51	M26	X	0	0	0	%100
52	M26	Z	0	0	0	%100
53	M27	X	2.163	2.163	0	%100
54	M27	Z	-3.746	-3.746	0	%100
55	M28	X	2.163	2.163	0	%100
56	M28	Z	-3.746	-3.746	0	%100
57	M29	X	0	0	0	%100
58	M29	Z	0	0	0	%100
59	M30	X	0	0	0	%100
60	M30	Z	0	0	0	%100
61	M31	X	2.163	2.163	0	%100
62	M31	Z	-3.746	-3.746	0	%100
63	M32	X	2.163	2.163	0	%100
64	M32	Z	-3.746	-3.746	0	%100
65	M33	X	2.163	2.163	0	%100
66	M33	Z	-3.746	-3.746	0	%100
67	MP1A	X	2	2	0	%100
68	MP1A	Z	-3.464	-3.464	0	%100
69	MP2A	X	2	2	0	%100
70	MP2A	Z	-3.464	-3.464	0	%100
71	MP3A	X	2	2	0	%100
72	MP3A	Z	-3.464	-3.464	0	%100
73	MP4A	X	2	2	0	%100
74	MP4A	Z	-3.464	-3.464	0	%100
75	MP1B	X	2	2	0	%100
76	MP1B	Z	-3.464	-3.464	0	%100
77	MP2B	X	2	2	0	%100
78	MP2B	Z	-3.464	-3.464	0	%100
79	MP3B	X	2	2	0	%100
80	MP3B	Z	-3.464	-3.464	0	%100
81	MP4B	X	2	2	0	%100
82	MP4B	Z	-3.464	-3.464	0	%100
83	MP1C	X	2	2	0	%100
84	MP1C	Z	-3.464	-3.464	0	%100
85	MP2C	X	2	2	0	%100
86	MP2C	Z	-3.464	-3.464	0	%100
87	MP3C	X	2	2	0	%100
88	MP3C	Z	-3.464	-3.464	0	%100
89	MP4C	X	2	2	0	%100
90	MP4C	Z	-3.464	-3.464	0	%100
91	M70	X	1.704	1.704	0	%100
92	M70	Z	-2.951	-2.951	0	%100
93	M71	X	0	0	0	%100
94	M71	Z	0	0	0	%100
95	M72	X	1.704	1.704	0	%100
96	M72	Z	-2.951	-2.951	0	%100
97	M97	X	1.633	1.633	0	%100
98	M97	Z	-2.829	-2.829	0	%100
99	M98	X	0	0	0	%100
100	M98	Z	0	0	0	%100
101	M99	X	1.633	1.633	0	%100
102	M99	Z	-2.829	-2.829	0	%100
103	M95	X	2.434	2.434	0	%100
104	M95	Z	-4.216	-4.216	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.%]
105	M97A	X	2.434	2.434	0	%100
106	M97A	Z	-4.216	-4.216	0	%100
107	M99A	X	2.676	2.676	0	%100
108	M99A	Z	-4.636	-4.636	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	1.081	1.081	0	%100
2	M1	Z	-.624	-.624	0	%100
3	M2	X	1.081	1.081	0	%100
4	M2	Z	-.624	-.624	0	%100
5	M3	X	4.324	4.324	0	%100
6	M3	Z	-2.497	-2.497	0	%100
7	M4	X	3.038	3.038	0	%100
8	M4	Z	-1.754	-1.754	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	0	0	0	%100
11	M6	X	3.038	3.038	0	%100
12	M6	Z	-1.754	-1.754	0	%100
13	M7	X	.882	.882	0	%100
14	M7	Z	-.509	-.509	0	%100
15	M8	X	.882	.882	0	%100
16	M8	Z	-.509	-.509	0	%100
17	M9	X	3.528	3.528	0	%100
18	M9	Z	-2.037	-2.037	0	%100
19	M10	X	3.528	3.528	0	%100
20	M10	Z	-2.037	-2.037	0	%100
21	M11	X	.882	.882	0	%100
22	M11	Z	-.509	-.509	0	%100
23	M12	X	.882	.882	0	%100
24	M12	Z	-.509	-.509	0	%100
25	M13	X	1.086	1.086	0	%100
26	M13	Z	-.627	-.627	0	%100
27	M14	X	4.041	4.041	0	%100
28	M14	Z	-2.333	-2.333	0	%100
29	M15	X	1.163	1.163	0	%100
30	M15	Z	-.672	-.672	0	%100
31	M16	X	1.045	1.045	0	%100
32	M16	Z	-.603	-.603	0	%100
33	M17	X	4.497	4.497	0	%100
34	M17	Z	-2.596	-2.596	0	%100
35	M18	X	.976	.976	0	%100
36	M18	Z	-.563	-.563	0	%100
37	M19	X	4.994	4.994	0	%100
38	M19	Z	-2.883	-2.883	0	%100
39	M20	X	1.261	1.261	0	%100
40	M20	Z	-.728	-.728	0	%100
41	M21	X	1.249	1.249	0	%100
42	M21	Z	-.721	-.721	0	%100
43	M22	X	1.249	1.249	0	%100
44	M22	Z	-.721	-.721	0	%100
45	M23	X	5.043	5.043	0	%100
46	M23	Z	-2.911	-2.911	0	%100
47	M24	X	1.249	1.249	0	%100
48	M24	Z	-.721	-.721	0	%100
49	M25	X	1.249	1.249	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.%]
50	M25	Z	-.721	-.721	0	%100
51	M26	X	1.261	1.261	0	%100
52	M26	Z	-.728	-.728	0	%100
53	M27	X	4.994	4.994	0	%100
54	M27	Z	-2.883	-2.883	0	%100
55	M28	X	4.994	4.994	0	%100
56	M28	Z	-2.883	-2.883	0	%100
57	M29	X	1.249	1.249	0	%100
58	M29	Z	-.721	-.721	0	%100
59	M30	X	1.249	1.249	0	%100
60	M30	Z	-.721	-.721	0	%100
61	M31	X	1.249	1.249	0	%100
62	M31	Z	-.721	-.721	0	%100
63	M32	X	1.249	1.249	0	%100
64	M32	Z	-.721	-.721	0	%100
65	M33	X	4.994	4.994	0	%100
66	M33	Z	-2.883	-2.883	0	%100
67	MP1A	X	3.464	3.464	0	%100
68	MP1A	Z	-2	-2	0	%100
69	MP2A	X	3.464	3.464	0	%100
70	MP2A	Z	-2	-2	0	%100
71	MP3A	X	3.464	3.464	0	%100
72	MP3A	Z	-2	-2	0	%100
73	MP4A	X	3.464	3.464	0	%100
74	MP4A	Z	-2	-2	0	%100
75	MP1B	X	3.464	3.464	0	%100
76	MP1B	Z	-2	-2	0	%100
77	MP2B	X	3.464	3.464	0	%100
78	MP2B	Z	-2	-2	0	%100
79	MP3B	X	3.464	3.464	0	%100
80	MP3B	Z	-2	-2	0	%100
81	MP4B	X	3.464	3.464	0	%100
82	MP4B	Z	-2	-2	0	%100
83	MP1C	X	3.464	3.464	0	%100
84	MP1C	Z	-2	-2	0	%100
85	MP2C	X	3.464	3.464	0	%100
86	MP2C	Z	-2	-2	0	%100
87	MP3C	X	3.464	3.464	0	%100
88	MP3C	Z	-2	-2	0	%100
89	MP4C	X	3.464	3.464	0	%100
90	MP4C	Z	-2	-2	0	%100
91	M70	X	.984	.984	0	%100
92	M70	Z	-.568	-.568	0	%100
93	M71	X	.984	.984	0	%100
94	M71	Z	-.568	-.568	0	%100
95	M72	X	3.934	3.934	0	%100
96	M72	Z	-2.271	-2.271	0	%100
97	M97	X	3.772	3.772	0	%100
98	M97	Z	-2.178	-2.178	0	%100
99	M98	X	.943	.943	0	%100
100	M98	Z	-.544	-.544	0	%100
101	M99	X	.943	.943	0	%100
102	M99	Z	-.544	-.544	0	%100
103	M95	X	4.496	4.496	0	%100
104	M95	Z	-2.596	-2.596	0	%100
105	M97A	X	4.076	4.076	0	%100
106	M97A	Z	-2.353	-2.353	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, %]
107	M99A	X	4.496	4.496	0	%100
108	M99A	Z	-2.596	-2.596	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	3.745	3.745	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	3.745	3.745	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	4.677	4.677	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	1.169	1.169	0	%100
10	M5	Z	0	0	0	%100
11	M6	X	1.169	1.169	0	%100
12	M6	Z	0	0	0	%100
13	M7	X	0	0	0	%100
14	M7	Z	0	0	0	%100
15	M8	X	0	0	0	%100
16	M8	Z	0	0	0	%100
17	M9	X	3.056	3.056	0	%100
18	M9	Z	0	0	0	%100
19	M10	X	3.056	3.056	0	%100
20	M10	Z	0	0	0	%100
21	M11	X	3.056	3.056	0	%100
22	M11	Z	0	0	0	%100
23	M12	X	3.056	3.056	0	%100
24	M12	Z	0	0	0	%100
25	M13	X	3.85	3.85	0	%100
26	M13	Z	0	0	0	%100
27	M14	X	3.459	3.459	0	%100
28	M14	Z	0	0	0	%100
29	M15	X	.000511	.000511	0	%100
30	M15	Z	0	0	0	%100
31	M16	X	3.54	3.54	0	%100
32	M16	Z	0	0	0	%100
33	M17	X	3.939	3.939	0	%100
34	M17	Z	0	0	0	%100
35	M18	X	.00046	.00046	0	%100
36	M18	Z	0	0	0	%100
37	M19	X	4.325	4.325	0	%100
38	M19	Z	0	0	0	%100
39	M20	X	0	0	0	%100
40	M20	Z	0	0	0	%100
41	M21	X	4.325	4.325	0	%100
42	M21	Z	0	0	0	%100
43	M22	X	4.325	4.325	0	%100
44	M22	Z	0	0	0	%100
45	M23	X	4.367	4.367	0	%100
46	M23	Z	0	0	0	%100
47	M24	X	0	0	0	%100
48	M24	Z	0	0	0	%100
49	M25	X	0	0	0	%100
50	M25	Z	0	0	0	%100
51	M26	X	4.367	4.367	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, %]
52	M26	Z	0	0	0	%100
53	M27	X	4.325	4.325	0	%100
54	M27	Z	0	0	0	%100
55	M28	X	4.325	4.325	0	%100
56	M28	Z	0	0	0	%100
57	M29	X	4.325	4.325	0	%100
58	M29	Z	0	0	0	%100
59	M30	X	4.325	4.325	0	%100
60	M30	Z	0	0	0	%100
61	M31	X	0	0	0	%100
62	M31	Z	0	0	0	%100
63	M32	X	0	0	0	%100
64	M32	Z	0	0	0	%100
65	M33	X	4.325	4.325	0	%100
66	M33	Z	0	0	0	%100
67	MP1A	X	4	4	0	%100
68	MP1A	Z	0	0	0	%100
69	MP2A	X	4	4	0	%100
70	MP2A	Z	0	0	0	%100
71	MP3A	X	4	4	0	%100
72	MP3A	Z	0	0	0	%100
73	MP4A	X	4	4	0	%100
74	MP4A	Z	0	0	0	%100
75	MP1B	X	4	4	0	%100
76	MP1B	Z	0	0	0	%100
77	MP2B	X	4	4	0	%100
78	MP2B	Z	0	0	0	%100
79	MP3B	X	4	4	0	%100
80	MP3B	Z	0	0	0	%100
81	MP4B	X	4	4	0	%100
82	MP4B	Z	0	0	0	%100
83	MP1C	X	4	4	0	%100
84	MP1C	Z	0	0	0	%100
85	MP2C	X	4	4	0	%100
86	MP2C	Z	0	0	0	%100
87	MP3C	X	4	4	0	%100
88	MP3C	Z	0	0	0	%100
89	MP4C	X	4	4	0	%100
90	MP4C	Z	0	0	0	%100
91	M70	X	0	0	0	%100
92	M70	Z	0	0	0	%100
93	M71	X	3.407	3.407	0	%100
94	M71	Z	0	0	0	%100
95	M72	X	3.407	3.407	0	%100
96	M72	Z	0	0	0	%100
97	M97	X	3.267	3.267	0	%100
98	M97	Z	0	0	0	%100
99	M98	X	3.267	3.267	0	%100
100	M98	Z	0	0	0	%100
101	M99	X	0	0	0	%100
102	M99	Z	0	0	0	%100
103	M95	X	5.353	5.353	0	%100
104	M95	Z	0	0	0	%100
105	M97A	X	4.868	4.868	0	%100
106	M97A	Z	0	0	0	%100
107	M99A	X	4.868	4.868	0	%100
108	M99A	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	1.081	1.081	0	%100
2	M1	Z	.624	.624	0	%100
3	M2	X	4.324	4.324	0	%100
4	M2	Z	2.497	2.497	0	%100
5	M3	X	1.081	1.081	0	%100
6	M3	Z	.624	.624	0	%100
7	M4	X	3.038	3.038	0	%100
8	M4	Z	1.754	1.754	0	%100
9	M5	X	3.038	3.038	0	%100
10	M5	Z	1.754	1.754	0	%100
11	M6	X	0	0	0	%100
12	M6	Z	0	0	0	%100
13	M7	X	.882	.882	0	%100
14	M7	Z	.509	.509	0	%100
15	M8	X	.882	.882	0	%100
16	M8	Z	.509	.509	0	%100
17	M9	X	.882	.882	0	%100
18	M9	Z	.509	.509	0	%100
19	M10	X	.882	.882	0	%100
20	M10	Z	.509	.509	0	%100
21	M11	X	3.528	3.528	0	%100
22	M11	Z	2.037	2.037	0	%100
23	M12	X	3.528	3.528	0	%100
24	M12	Z	2.037	2.037	0	%100
25	M13	X	4.497	4.497	0	%100
26	M13	Z	2.596	2.596	0	%100
27	M14	X	.976	.976	0	%100
28	M14	Z	.563	.563	0	%100
29	M15	X	1.086	1.086	0	%100
30	M15	Z	.627	.627	0	%100
31	M16	X	4.041	4.041	0	%100
32	M16	Z	2.333	2.333	0	%100
33	M17	X	1.163	1.163	0	%100
34	M17	Z	.672	.672	0	%100
35	M18	X	1.045	1.045	0	%100
36	M18	Z	.603	.603	0	%100
37	M19	X	1.249	1.249	0	%100
38	M19	Z	.721	.721	0	%100
39	M20	X	1.261	1.261	0	%100
40	M20	Z	.728	.728	0	%100
41	M21	X	4.994	4.994	0	%100
42	M21	Z	2.883	2.883	0	%100
43	M22	X	4.994	4.994	0	%100
44	M22	Z	2.883	2.883	0	%100
45	M23	X	1.261	1.261	0	%100
46	M23	Z	.728	.728	0	%100
47	M24	X	1.249	1.249	0	%100
48	M24	Z	.721	.721	0	%100
49	M25	X	1.249	1.249	0	%100
50	M25	Z	.721	.721	0	%100
51	M26	X	5.043	5.043	0	%100
52	M26	Z	2.911	2.911	0	%100
53	M27	X	1.249	1.249	0	%100
54	M27	Z	.721	.721	0	%100
55	M28	X	1.249	1.249	0	%100
56	M28	Z	.721	.721	0	%100
57	M29	X	4.994	4.994	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.%]
58	M29	Z	2.883	2.883	0	%100
59	M30	X	4.994	4.994	0	%100
60	M30	Z	2.883	2.883	0	%100
61	M31	X	1.249	1.249	0	%100
62	M31	Z	.721	.721	0	%100
63	M32	X	1.249	1.249	0	%100
64	M32	Z	.721	.721	0	%100
65	M33	X	1.249	1.249	0	%100
66	M33	Z	.721	.721	0	%100
67	MP1A	X	3.464	3.464	0	%100
68	MP1A	Z	2	2	0	%100
69	MP2A	X	3.464	3.464	0	%100
70	MP2A	Z	2	2	0	%100
71	MP3A	X	3.464	3.464	0	%100
72	MP3A	Z	2	2	0	%100
73	MP4A	X	3.464	3.464	0	%100
74	MP4A	Z	2	2	0	%100
75	MP1B	X	3.464	3.464	0	%100
76	MP1B	Z	2	2	0	%100
77	MP2B	X	3.464	3.464	0	%100
78	MP2B	Z	2	2	0	%100
79	MP3B	X	3.464	3.464	0	%100
80	MP3B	Z	2	2	0	%100
81	MP4B	X	3.464	3.464	0	%100
82	MP4B	Z	2	2	0	%100
83	MP1C	X	3.464	3.464	0	%100
84	MP1C	Z	2	2	0	%100
85	MP2C	X	3.464	3.464	0	%100
86	MP2C	Z	2	2	0	%100
87	MP3C	X	3.464	3.464	0	%100
88	MP3C	Z	2	2	0	%100
89	MP4C	X	3.464	3.464	0	%100
90	MP4C	Z	2	2	0	%100
91	M70	X	.984	.984	0	%100
92	M70	Z	.568	.568	0	%100
93	M71	X	3.934	3.934	0	%100
94	M71	Z	2.271	2.271	0	%100
95	M72	X	.984	.984	0	%100
96	M72	Z	.568	.568	0	%100
97	M97	X	.943	.943	0	%100
98	M97	Z	.544	.544	0	%100
99	M98	X	3.772	3.772	0	%100
100	M98	Z	2.178	2.178	0	%100
101	M99	X	.943	.943	0	%100
102	M99	Z	.544	.544	0	%100
103	M95	X	4.496	4.496	0	%100
104	M95	Z	2.596	2.596	0	%100
105	M97A	X	4.496	4.496	0	%100
106	M97A	Z	2.596	2.596	0	%100
107	M99A	X	4.076	4.076	0	%100
108	M99A	Z	2.353	2.353	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft.F....]	Start Location[ft.%]	End Location[ft.%]
1	M1	X	1.873	1.873	0	%100
2	M1	Z	3.243	3.243	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.%]
3	M2	X	1.873	1.873	0	%100
4	M2	Z	3.243	3.243	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	.585	.585	0	%100
8	M4	Z	1.013	1.013	0	%100
9	M5	X	2.338	2.338	0	%100
10	M5	Z	4.05	4.05	0	%100
11	M6	X	.585	.585	0	%100
12	M6	Z	1.013	1.013	0	%100
13	M7	X	1.528	1.528	0	%100
14	M7	Z	2.646	2.646	0	%100
15	M8	X	1.528	1.528	0	%100
16	M8	Z	2.646	2.646	0	%100
17	M9	X	0	0	0	%100
18	M9	Z	0	0	0	%100
19	M10	X	0	0	0	%100
20	M10	Z	0	0	0	%100
21	M11	X	1.528	1.528	0	%100
22	M11	Z	2.646	2.646	0	%100
23	M12	X	1.528	1.528	0	%100
24	M12	Z	2.646	2.646	0	%100
25	M13	X	1.97	1.97	0	%100
26	M13	Z	3.412	3.412	0	%100
27	M14	X	.00023	.00023	0	%100
28	M14	Z	.000398	.000398	0	%100
29	M15	X	1.925	1.925	0	%100
30	M15	Z	3.334	3.334	0	%100
31	M16	X	1.73	1.73	0	%100
32	M16	Z	2.996	2.996	0	%100
33	M17	X	.000256	.000256	0	%100
34	M17	Z	.000443	.000443	0	%100
35	M18	X	1.77	1.77	0	%100
36	M18	Z	3.065	3.065	0	%100
37	M19	X	0	0	0	%100
38	M19	Z	0	0	0	%100
39	M20	X	2.183	2.183	0	%100
40	M20	Z	3.782	3.782	0	%100
41	M21	X	2.163	2.163	0	%100
42	M21	Z	3.746	3.746	0	%100
43	M22	X	2.163	2.163	0	%100
44	M22	Z	3.746	3.746	0	%100
45	M23	X	0	0	0	%100
46	M23	Z	0	0	0	%100
47	M24	X	2.163	2.163	0	%100
48	M24	Z	3.746	3.746	0	%100
49	M25	X	2.163	2.163	0	%100
50	M25	Z	3.746	3.746	0	%100
51	M26	X	2.183	2.183	0	%100
52	M26	Z	3.782	3.782	0	%100
53	M27	X	0	0	0	%100
54	M27	Z	0	0	0	%100
55	M28	X	0	0	0	%100
56	M28	Z	0	0	0	%100
57	M29	X	2.163	2.163	0	%100
58	M29	Z	3.746	3.746	0	%100
59	M30	X	2.163	2.163	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.%]
60	M30	Z	3.746	3.746	0	%100
61	M31	X	2.163	2.163	0	%100
62	M31	Z	3.746	3.746	0	%100
63	M32	X	2.163	2.163	0	%100
64	M32	Z	3.746	3.746	0	%100
65	M33	X	0	0	0	%100
66	M33	Z	0	0	0	%100
67	MP1A	X	2	2	0	%100
68	MP1A	Z	3.464	3.464	0	%100
69	MP2A	X	2	2	0	%100
70	MP2A	Z	3.464	3.464	0	%100
71	MP3A	X	2	2	0	%100
72	MP3A	Z	3.464	3.464	0	%100
73	MP4A	X	2	2	0	%100
74	MP4A	Z	3.464	3.464	0	%100
75	MP1B	X	2	2	0	%100
76	MP1B	Z	3.464	3.464	0	%100
77	MP2B	X	2	2	0	%100
78	MP2B	Z	3.464	3.464	0	%100
79	MP3B	X	2	2	0	%100
80	MP3B	Z	3.464	3.464	0	%100
81	MP4B	X	2	2	0	%100
82	MP4B	Z	3.464	3.464	0	%100
83	MP1C	X	2	2	0	%100
84	MP1C	Z	3.464	3.464	0	%100
85	MP2C	X	2	2	0	%100
86	MP2C	Z	3.464	3.464	0	%100
87	MP3C	X	2	2	0	%100
88	MP3C	Z	3.464	3.464	0	%100
89	MP4C	X	2	2	0	%100
90	MP4C	Z	3.464	3.464	0	%100
91	M70	X	1.704	1.704	0	%100
92	M70	Z	2.951	2.951	0	%100
93	M71	X	1.704	1.704	0	%100
94	M71	Z	2.951	2.951	0	%100
95	M72	X	0	0	0	%100
96	M72	Z	0	0	0	%100
97	M97	X	0	0	0	%100
98	M97	Z	0	0	0	%100
99	M98	X	1.633	1.633	0	%100
100	M98	Z	2.829	2.829	0	%100
101	M99	X	1.633	1.633	0	%100
102	M99	Z	2.829	2.829	0	%100
103	M95	X	2.434	2.434	0	%100
104	M95	Z	4.216	4.216	0	%100
105	M97A	X	2.676	2.676	0	%100
106	M97A	Z	4.636	4.636	0	%100
107	M99A	X	2.434	2.434	0	%100
108	M99A	Z	4.216	4.216	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft,F...]	Start Location[ft.%]	End Location[ft.%]
1	M1	X	0	0	0	%100
2	M1	Z	4.994	4.994	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	1.248	1.248	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.%,]
5	M3	X	0	0	0	%100
6	M3	Z	1.248	1.248	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	3.508	3.508	0	%100
11	M6	X	0	0	0	%100
12	M6	Z	3.508	3.508	0	%100
13	M7	X	0	0	0	%100
14	M7	Z	4.074	4.074	0	%100
15	M8	X	0	0	0	%100
16	M8	Z	4.074	4.074	0	%100
17	M9	X	0	0	0	%100
18	M9	Z	1.019	1.019	0	%100
19	M10	X	0	0	0	%100
20	M10	Z	1.019	1.019	0	%100
21	M11	X	0	0	0	%100
22	M11	Z	1.019	1.019	0	%100
23	M12	X	0	0	0	%100
24	M12	Z	1.019	1.019	0	%100
25	M13	X	0	0	0	%100
26	M13	Z	1.343	1.343	0	%100
27	M14	X	0	0	0	%100
28	M14	Z	1.207	1.207	0	%100
29	M15	X	0	0	0	%100
30	M15	Z	5.193	5.193	0	%100
31	M16	X	0	0	0	%100
32	M16	Z	1.127	1.127	0	%100
33	M17	X	0	0	0	%100
34	M17	Z	1.254	1.254	0	%100
35	M18	X	0	0	0	%100
36	M18	Z	4.666	4.666	0	%100
37	M19	X	0	0	0	%100
38	M19	Z	1.442	1.442	0	%100
39	M20	X	0	0	0	%100
40	M20	Z	5.823	5.823	0	%100
41	M21	X	0	0	0	%100
42	M21	Z	1.442	1.442	0	%100
43	M22	X	0	0	0	%100
44	M22	Z	1.442	1.442	0	%100
45	M23	X	0	0	0	%100
46	M23	Z	1.456	1.456	0	%100
47	M24	X	0	0	0	%100
48	M24	Z	5.767	5.767	0	%100
49	M25	X	0	0	0	%100
50	M25	Z	5.767	5.767	0	%100
51	M26	X	0	0	0	%100
52	M26	Z	1.456	1.456	0	%100
53	M27	X	0	0	0	%100
54	M27	Z	1.442	1.442	0	%100
55	M28	X	0	0	0	%100
56	M28	Z	1.442	1.442	0	%100
57	M29	X	0	0	0	%100
58	M29	Z	1.442	1.442	0	%100
59	M30	X	0	0	0	%100
60	M30	Z	1.442	1.442	0	%100
61	M31	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
62	M31	Z	5.767	5.767	0	%100
63	M32	X	0	0	0	%100
64	M32	Z	5.767	5.767	0	%100
65	M33	X	0	0	0	%100
66	M33	Z	1.442	1.442	0	%100
67	MP1A	X	0	0	0	%100
68	MP1A	Z	4	4	0	%100
69	MP2A	X	0	0	0	%100
70	MP2A	Z	4	4	0	%100
71	MP3A	X	0	0	0	%100
72	MP3A	Z	4	4	0	%100
73	MP4A	X	0	0	0	%100
74	MP4A	Z	4	4	0	%100
75	MP1B	X	0	0	0	%100
76	MP1B	Z	4	4	0	%100
77	MP2B	X	0	0	0	%100
78	MP2B	Z	4	4	0	%100
79	MP3B	X	0	0	0	%100
80	MP3B	Z	4	4	0	%100
81	MP4B	X	0	0	0	%100
82	MP4B	Z	4	4	0	%100
83	MP1C	X	0	0	0	%100
84	MP1C	Z	4	4	0	%100
85	MP2C	X	0	0	0	%100
86	MP2C	Z	4	4	0	%100
87	MP3C	X	0	0	0	%100
88	MP3C	Z	4	4	0	%100
89	MP4C	X	0	0	0	%100
90	MP4C	Z	4	4	0	%100
91	M70	X	0	0	0	%100
92	M70	Z	4.543	4.543	0	%100
93	M71	X	0	0	0	%100
94	M71	Z	1.136	1.136	0	%100
95	M72	X	0	0	0	%100
96	M72	Z	1.136	1.136	0	%100
97	M97	X	0	0	0	%100
98	M97	Z	1.089	1.089	0	%100
99	M98	X	0	0	0	%100
100	M98	Z	1.089	1.089	0	%100
101	M99	X	0	0	0	%100
102	M99	Z	4.356	4.356	0	%100
103	M95	X	0	0	0	%100
104	M95	Z	4.706	4.706	0	%100
105	M97A	X	0	0	0	%100
106	M97A	Z	5.191	5.191	0	%100
107	M99A	X	0	0	0	%100
108	M99A	Z	5.191	5.191	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M1	X	-1.873	-1.873	0	%100
2	M1	Z	3.243	3.243	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	-1.873	-1.873	0	%100
6	M3	Z	3.243	3.243	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. %]
7	M4	X	- .585	- .585	0	%100
8	M4	Z	1.013	1.013	0	%100
9	M5	X	- .585	- .585	0	%100
10	M5	Z	1.013	1.013	0	%100
11	M6	X	-2.338	-2.338	0	%100
12	M6	Z	4.05	4.05	0	%100
13	M7	X	-1.528	-1.528	0	%100
14	M7	Z	2.646	2.646	0	%100
15	M8	X	-1.528	-1.528	0	%100
16	M8	Z	2.646	2.646	0	%100
17	M9	X	-1.528	-1.528	0	%100
18	M9	Z	2.646	2.646	0	%100
19	M10	X	-1.528	-1.528	0	%100
20	M10	Z	2.646	2.646	0	%100
21	M11	X	0	0	0	%100
22	M11	Z	0	0	0	%100
23	M12	X	0	0	0	%100
24	M12	Z	0	0	0	%100
25	M13	X	- .000256	- .000256	0	%100
26	M13	Z	.000443	.000443	0	%100
27	M14	X	-1.77	-1.77	0	%100
28	M14	Z	3.065	3.065	0	%100
29	M15	X	-1.97	-1.97	0	%100
30	M15	Z	3.412	3.412	0	%100
31	M16	X	- .00023	- .00023	0	%100
32	M16	Z	.000398	.000398	0	%100
33	M17	X	-1.925	-1.925	0	%100
34	M17	Z	3.334	3.334	0	%100
35	M18	X	-1.73	-1.73	0	%100
36	M18	Z	2.996	2.996	0	%100
37	M19	X	-2.163	-2.163	0	%100
38	M19	Z	3.746	3.746	0	%100
39	M20	X	-2.183	-2.183	0	%100
40	M20	Z	3.782	3.782	0	%100
41	M21	X	0	0	0	%100
42	M21	Z	0	0	0	%100
43	M22	X	0	0	0	%100
44	M22	Z	0	0	0	%100
45	M23	X	-2.183	-2.183	0	%100
46	M23	Z	3.782	3.782	0	%100
47	M24	X	-2.163	-2.163	0	%100
48	M24	Z	3.746	3.746	0	%100
49	M25	X	-2.163	-2.163	0	%100
50	M25	Z	3.746	3.746	0	%100
51	M26	X	0	0	0	%100
52	M26	Z	0	0	0	%100
53	M27	X	-2.163	-2.163	0	%100
54	M27	Z	3.746	3.746	0	%100
55	M28	X	-2.163	-2.163	0	%100
56	M28	Z	3.746	3.746	0	%100
57	M29	X	0	0	0	%100
58	M29	Z	0	0	0	%100
59	M30	X	0	0	0	%100
60	M30	Z	0	0	0	%100
61	M31	X	-2.163	-2.163	0	%100
62	M31	Z	3.746	3.746	0	%100
63	M32	X	-2.163	-2.163	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.%,]
64	M32	Z	3.746	3.746	0	%100
65	M33	X	-2.163	-2.163	0	%100
66	M33	Z	3.746	3.746	0	%100
67	MP1A	X	-2	-2	0	%100
68	MP1A	Z	3.464	3.464	0	%100
69	MP2A	X	-2	-2	0	%100
70	MP2A	Z	3.464	3.464	0	%100
71	MP3A	X	-2	-2	0	%100
72	MP3A	Z	3.464	3.464	0	%100
73	MP4A	X	-2	-2	0	%100
74	MP4A	Z	3.464	3.464	0	%100
75	MP1B	X	-2	-2	0	%100
76	MP1B	Z	3.464	3.464	0	%100
77	MP2B	X	-2	-2	0	%100
78	MP2B	Z	3.464	3.464	0	%100
79	MP3B	X	-2	-2	0	%100
80	MP3B	Z	3.464	3.464	0	%100
81	MP4B	X	-2	-2	0	%100
82	MP4B	Z	3.464	3.464	0	%100
83	MP1C	X	-2	-2	0	%100
84	MP1C	Z	3.464	3.464	0	%100
85	MP2C	X	-2	-2	0	%100
86	MP2C	Z	3.464	3.464	0	%100
87	MP3C	X	-2	-2	0	%100
88	MP3C	Z	3.464	3.464	0	%100
89	MP4C	X	-2	-2	0	%100
90	MP4C	Z	3.464	3.464	0	%100
91	M70	X	-1.704	-1.704	0	%100
92	M70	Z	2.951	2.951	0	%100
93	M71	X	0	0	0	%100
94	M71	Z	0	0	0	%100
95	M72	X	-1.704	-1.704	0	%100
96	M72	Z	2.951	2.951	0	%100
97	M97	X	-1.633	-1.633	0	%100
98	M97	Z	2.829	2.829	0	%100
99	M98	X	0	0	0	%100
100	M98	Z	0	0	0	%100
101	M99	X	-1.633	-1.633	0	%100
102	M99	Z	2.829	2.829	0	%100
103	M95	X	-2.434	-2.434	0	%100
104	M95	Z	4.216	4.216	0	%100
105	M97A	X	-2.434	-2.434	0	%100
106	M97A	Z	4.216	4.216	0	%100
107	M99A	X	-2.676	-2.676	0	%100
108	M99A	Z	4.636	4.636	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	-1.081	-1.081	0	%100
2	M1	Z	.624	.624	0	%100
3	M2	X	-1.081	-1.081	0	%100
4	M2	Z	.624	.624	0	%100
5	M3	X	-4.324	-4.324	0	%100
6	M3	Z	2.497	2.497	0	%100
7	M4	X	-3.038	-3.038	0	%100
8	M4	Z	1.754	1.754	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. %]
9	M5	X	0	0	0	%100
10	M5	Z	0	0	0	%100
11	M6	X	-3.038	-3.038	0	%100
12	M6	Z	1.754	1.754	0	%100
13	M7	X	-.882	-.882	0	%100
14	M7	Z	.509	.509	0	%100
15	M8	X	-.882	-.882	0	%100
16	M8	Z	.509	.509	0	%100
17	M9	X	-3.528	-3.528	0	%100
18	M9	Z	2.037	2.037	0	%100
19	M10	X	-3.528	-3.528	0	%100
20	M10	Z	2.037	2.037	0	%100
21	M11	X	-.882	-.882	0	%100
22	M11	Z	.509	.509	0	%100
23	M12	X	-.882	-.882	0	%100
24	M12	Z	.509	.509	0	%100
25	M13	X	-1.086	-1.086	0	%100
26	M13	Z	.627	.627	0	%100
27	M14	X	-4.041	-4.041	0	%100
28	M14	Z	2.333	2.333	0	%100
29	M15	X	-1.163	-1.163	0	%100
30	M15	Z	.672	.672	0	%100
31	M16	X	-1.045	-1.045	0	%100
32	M16	Z	.603	.603	0	%100
33	M17	X	-4.497	-4.497	0	%100
34	M17	Z	2.596	2.596	0	%100
35	M18	X	-.976	-.976	0	%100
36	M18	Z	.563	.563	0	%100
37	M19	X	-4.994	-4.994	0	%100
38	M19	Z	2.883	2.883	0	%100
39	M20	X	-1.261	-1.261	0	%100
40	M20	Z	.728	.728	0	%100
41	M21	X	-1.249	-1.249	0	%100
42	M21	Z	.721	.721	0	%100
43	M22	X	-1.249	-1.249	0	%100
44	M22	Z	.721	.721	0	%100
45	M23	X	-5.043	-5.043	0	%100
46	M23	Z	2.911	2.911	0	%100
47	M24	X	-1.249	-1.249	0	%100
48	M24	Z	.721	.721	0	%100
49	M25	X	-1.249	-1.249	0	%100
50	M25	Z	.721	.721	0	%100
51	M26	X	-1.261	-1.261	0	%100
52	M26	Z	.728	.728	0	%100
53	M27	X	-4.994	-4.994	0	%100
54	M27	Z	2.883	2.883	0	%100
55	M28	X	-4.994	-4.994	0	%100
56	M28	Z	2.883	2.883	0	%100
57	M29	X	-1.249	-1.249	0	%100
58	M29	Z	.721	.721	0	%100
59	M30	X	-1.249	-1.249	0	%100
60	M30	Z	.721	.721	0	%100
61	M31	X	-1.249	-1.249	0	%100
62	M31	Z	.721	.721	0	%100
63	M32	X	-1.249	-1.249	0	%100
64	M32	Z	.721	.721	0	%100
65	M33	X	-4.994	-4.994	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, %]
66	M33	Z	2.883	2.883	0	%100
67	MP1A	X	-3.464	-3.464	0	%100
68	MP1A	Z	2	2	0	%100
69	MP2A	X	-3.464	-3.464	0	%100
70	MP2A	Z	2	2	0	%100
71	MP3A	X	-3.464	-3.464	0	%100
72	MP3A	Z	2	2	0	%100
73	MP4A	X	-3.464	-3.464	0	%100
74	MP4A	Z	2	2	0	%100
75	MP1B	X	-3.464	-3.464	0	%100
76	MP1B	Z	2	2	0	%100
77	MP2B	X	-3.464	-3.464	0	%100
78	MP2B	Z	2	2	0	%100
79	MP3B	X	-3.464	-3.464	0	%100
80	MP3B	Z	2	2	0	%100
81	MP4B	X	-3.464	-3.464	0	%100
82	MP4B	Z	2	2	0	%100
83	MP1C	X	-3.464	-3.464	0	%100
84	MP1C	Z	2	2	0	%100
85	MP2C	X	-3.464	-3.464	0	%100
86	MP2C	Z	2	2	0	%100
87	MP3C	X	-3.464	-3.464	0	%100
88	MP3C	Z	2	2	0	%100
89	MP4C	X	-3.464	-3.464	0	%100
90	MP4C	Z	2	2	0	%100
91	M70	X	-.984	-.984	0	%100
92	M70	Z	.568	.568	0	%100
93	M71	X	-.984	-.984	0	%100
94	M71	Z	.568	.568	0	%100
95	M72	X	-3.934	-3.934	0	%100
96	M72	Z	2.271	2.271	0	%100
97	M97	X	-3.772	-3.772	0	%100
98	M97	Z	2.178	2.178	0	%100
99	M98	X	-.943	-.943	0	%100
100	M98	Z	.544	.544	0	%100
101	M99	X	-.943	-.943	0	%100
102	M99	Z	.544	.544	0	%100
103	M95	X	-4.496	-4.496	0	%100
104	M95	Z	2.596	2.596	0	%100
105	M97A	X	-4.076	-4.076	0	%100
106	M97A	Z	2.353	2.353	0	%100
107	M99A	X	-4.496	-4.496	0	%100
108	M99A	Z	2.596	2.596	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	-3.745	-3.745	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	-3.745	-3.745	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	-4.677	-4.677	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	-1.169	-1.169	0	%100
10	M5	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, %]
11	M6	X	-1.169	-1.169	0	%100
12	M6	Z	0	0	0	%100
13	M7	X	0	0	0	%100
14	M7	Z	0	0	0	%100
15	M8	X	0	0	0	%100
16	M8	Z	0	0	0	%100
17	M9	X	-3.056	-3.056	0	%100
18	M9	Z	0	0	0	%100
19	M10	X	-3.056	-3.056	0	%100
20	M10	Z	0	0	0	%100
21	M11	X	-3.056	-3.056	0	%100
22	M11	Z	0	0	0	%100
23	M12	X	-3.056	-3.056	0	%100
24	M12	Z	0	0	0	%100
25	M13	X	-3.85	-3.85	0	%100
26	M13	Z	0	0	0	%100
27	M14	X	-3.459	-3.459	0	%100
28	M14	Z	0	0	0	%100
29	M15	X	-.000511	-.000511	0	%100
30	M15	Z	0	0	0	%100
31	M16	X	-3.54	-3.54	0	%100
32	M16	Z	0	0	0	%100
33	M17	X	-3.939	-3.939	0	%100
34	M17	Z	0	0	0	%100
35	M18	X	-.00046	-.00046	0	%100
36	M18	Z	0	0	0	%100
37	M19	X	-4.325	-4.325	0	%100
38	M19	Z	0	0	0	%100
39	M20	X	0	0	0	%100
40	M20	Z	0	0	0	%100
41	M21	X	-4.325	-4.325	0	%100
42	M21	Z	0	0	0	%100
43	M22	X	-4.325	-4.325	0	%100
44	M22	Z	0	0	0	%100
45	M23	X	-4.367	-4.367	0	%100
46	M23	Z	0	0	0	%100
47	M24	X	0	0	0	%100
48	M24	Z	0	0	0	%100
49	M25	X	0	0	0	%100
50	M25	Z	0	0	0	%100
51	M26	X	-4.367	-4.367	0	%100
52	M26	Z	0	0	0	%100
53	M27	X	-4.325	-4.325	0	%100
54	M27	Z	0	0	0	%100
55	M28	X	-4.325	-4.325	0	%100
56	M28	Z	0	0	0	%100
57	M29	X	-4.325	-4.325	0	%100
58	M29	Z	0	0	0	%100
59	M30	X	-4.325	-4.325	0	%100
60	M30	Z	0	0	0	%100
61	M31	X	0	0	0	%100
62	M31	Z	0	0	0	%100
63	M32	X	0	0	0	%100
64	M32	Z	0	0	0	%100
65	M33	X	-4.325	-4.325	0	%100
66	M33	Z	0	0	0	%100
67	MP1A	X	-4	-4	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.%]
68	MP1A	Z	0	0	0	%100
69	MP2A	X	-4	-4	0	%100
70	MP2A	Z	0	0	0	%100
71	MP3A	X	-4	-4	0	%100
72	MP3A	Z	0	0	0	%100
73	MP4A	X	-4	-4	0	%100
74	MP4A	Z	0	0	0	%100
75	MP1B	X	-4	-4	0	%100
76	MP1B	Z	0	0	0	%100
77	MP2B	X	-4	-4	0	%100
78	MP2B	Z	0	0	0	%100
79	MP3B	X	-4	-4	0	%100
80	MP3B	Z	0	0	0	%100
81	MP4B	X	-4	-4	0	%100
82	MP4B	Z	0	0	0	%100
83	MP1C	X	-4	-4	0	%100
84	MP1C	Z	0	0	0	%100
85	MP2C	X	-4	-4	0	%100
86	MP2C	Z	0	0	0	%100
87	MP3C	X	-4	-4	0	%100
88	MP3C	Z	0	0	0	%100
89	MP4C	X	-4	-4	0	%100
90	MP4C	Z	0	0	0	%100
91	M70	X	0	0	0	%100
92	M70	Z	0	0	0	%100
93	M71	X	-3.407	-3.407	0	%100
94	M71	Z	0	0	0	%100
95	M72	X	-3.407	-3.407	0	%100
96	M72	Z	0	0	0	%100
97	M97	X	-3.267	-3.267	0	%100
98	M97	Z	0	0	0	%100
99	M98	X	-3.267	-3.267	0	%100
100	M98	Z	0	0	0	%100
101	M99	X	0	0	0	%100
102	M99	Z	0	0	0	%100
103	M95	X	-5.353	-5.353	0	%100
104	M95	Z	0	0	0	%100
105	M97A	X	-4.868	-4.868	0	%100
106	M97A	Z	0	0	0	%100
107	M99A	X	-4.868	-4.868	0	%100
108	M99A	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	-1.081	-1.081	0	%100
2	M1	Z	-0.624	-0.624	0	%100
3	M2	X	-4.324	-4.324	0	%100
4	M2	Z	-2.497	-2.497	0	%100
5	M3	X	-1.081	-1.081	0	%100
6	M3	Z	-0.624	-0.624	0	%100
7	M4	X	-3.038	-3.038	0	%100
8	M4	Z	-1.754	-1.754	0	%100
9	M5	X	-3.038	-3.038	0	%100
10	M5	Z	-1.754	-1.754	0	%100
11	M6	X	0	0	0	%100
12	M6	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft.F....]	Start Location[ft.%]	End Location[ft.%]
13	M7	X	- .882	- .882	0	%100
14	M7	Z	- .509	- .509	0	%100
15	M8	X	- .882	- .882	0	%100
16	M8	Z	- .509	- .509	0	%100
17	M9	X	- .882	- .882	0	%100
18	M9	Z	- .509	- .509	0	%100
19	M10	X	- .882	- .882	0	%100
20	M10	Z	- .509	- .509	0	%100
21	M11	X	-3.528	-3.528	0	%100
22	M11	Z	-2.037	-2.037	0	%100
23	M12	X	-3.528	-3.528	0	%100
24	M12	Z	-2.037	-2.037	0	%100
25	M13	X	-4.497	-4.497	0	%100
26	M13	Z	-2.596	-2.596	0	%100
27	M14	X	- .976	- .976	0	%100
28	M14	Z	- .563	- .563	0	%100
29	M15	X	-1.086	-1.086	0	%100
30	M15	Z	- .627	- .627	0	%100
31	M16	X	-4.041	-4.041	0	%100
32	M16	Z	-2.333	-2.333	0	%100
33	M17	X	-1.163	-1.163	0	%100
34	M17	Z	- .672	- .672	0	%100
35	M18	X	-1.045	-1.045	0	%100
36	M18	Z	- .603	- .603	0	%100
37	M19	X	-1.249	-1.249	0	%100
38	M19	Z	- .721	- .721	0	%100
39	M20	X	-1.261	-1.261	0	%100
40	M20	Z	- .728	- .728	0	%100
41	M21	X	-4.994	-4.994	0	%100
42	M21	Z	-2.883	-2.883	0	%100
43	M22	X	-4.994	-4.994	0	%100
44	M22	Z	-2.883	-2.883	0	%100
45	M23	X	-1.261	-1.261	0	%100
46	M23	Z	- .728	- .728	0	%100
47	M24	X	-1.249	-1.249	0	%100
48	M24	Z	- .721	- .721	0	%100
49	M25	X	-1.249	-1.249	0	%100
50	M25	Z	- .721	- .721	0	%100
51	M26	X	-5.043	-5.043	0	%100
52	M26	Z	-2.911	-2.911	0	%100
53	M27	X	-1.249	-1.249	0	%100
54	M27	Z	- .721	- .721	0	%100
55	M28	X	-1.249	-1.249	0	%100
56	M28	Z	- .721	- .721	0	%100
57	M29	X	-4.994	-4.994	0	%100
58	M29	Z	-2.883	-2.883	0	%100
59	M30	X	-4.994	-4.994	0	%100
60	M30	Z	-2.883	-2.883	0	%100
61	M31	X	-1.249	-1.249	0	%100
62	M31	Z	- .721	- .721	0	%100
63	M32	X	-1.249	-1.249	0	%100
64	M32	Z	- .721	- .721	0	%100
65	M33	X	-1.249	-1.249	0	%100
66	M33	Z	- .721	- .721	0	%100
67	MP1A	X	-3.464	-3.464	0	%100
68	MP1A	Z	-2	-2	0	%100
69	MP2A	X	-3.464	-3.464	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.%,]
70	MP2A	Z	-2	-2	0	%100
71	MP3A	X	-3.464	-3.464	0	%100
72	MP3A	Z	-2	-2	0	%100
73	MP4A	X	-3.464	-3.464	0	%100
74	MP4A	Z	-2	-2	0	%100
75	MP1B	X	-3.464	-3.464	0	%100
76	MP1B	Z	-2	-2	0	%100
77	MP2B	X	-3.464	-3.464	0	%100
78	MP2B	Z	-2	-2	0	%100
79	MP3B	X	-3.464	-3.464	0	%100
80	MP3B	Z	-2	-2	0	%100
81	MP4B	X	-3.464	-3.464	0	%100
82	MP4B	Z	-2	-2	0	%100
83	MP1C	X	-3.464	-3.464	0	%100
84	MP1C	Z	-2	-2	0	%100
85	MP2C	X	-3.464	-3.464	0	%100
86	MP2C	Z	-2	-2	0	%100
87	MP3C	X	-3.464	-3.464	0	%100
88	MP3C	Z	-2	-2	0	%100
89	MP4C	X	-3.464	-3.464	0	%100
90	MP4C	Z	-2	-2	0	%100
91	M70	X	-984	-984	0	%100
92	M70	Z	-568	-568	0	%100
93	M71	X	-3.934	-3.934	0	%100
94	M71	Z	-2.271	-2.271	0	%100
95	M72	X	-984	-984	0	%100
96	M72	Z	-568	-568	0	%100
97	M97	X	-943	-943	0	%100
98	M97	Z	-544	-544	0	%100
99	M98	X	-3.772	-3.772	0	%100
100	M98	Z	-2.178	-2.178	0	%100
101	M99	X	-943	-943	0	%100
102	M99	Z	-544	-544	0	%100
103	M95	X	-4.496	-4.496	0	%100
104	M95	Z	-2.596	-2.596	0	%100
105	M97A	X	-4.496	-4.496	0	%100
106	M97A	Z	-2.596	-2.596	0	%100
107	M99A	X	-4.076	-4.076	0	%100
108	M99A	Z	-2.353	-2.353	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%,]	End Location[ft.%,]
1	M1	X	-1.873	-1.873	0	%100
2	M1	Z	-3.243	-3.243	0	%100
3	M2	X	-1.873	-1.873	0	%100
4	M2	Z	-3.243	-3.243	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	-585	-585	0	%100
8	M4	Z	-1.013	-1.013	0	%100
9	M5	X	-2.338	-2.338	0	%100
10	M5	Z	-4.05	-4.05	0	%100
11	M6	X	-585	-585	0	%100
12	M6	Z	-1.013	-1.013	0	%100
13	M7	X	-1.528	-1.528	0	%100
14	M7	Z	-2.646	-2.646	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.%]
15	M8	X	-1.528	-1.528	0	%100
16	M8	Z	-2.646	-2.646	0	%100
17	M9	X	0	0	0	%100
18	M9	Z	0	0	0	%100
19	M10	X	0	0	0	%100
20	M10	Z	0	0	0	%100
21	M11	X	-1.528	-1.528	0	%100
22	M11	Z	-2.646	-2.646	0	%100
23	M12	X	-1.528	-1.528	0	%100
24	M12	Z	-2.646	-2.646	0	%100
25	M13	X	-1.97	-1.97	0	%100
26	M13	Z	-3.412	-3.412	0	%100
27	M14	X	-0.00023	-0.00023	0	%100
28	M14	Z	-0.000398	-0.000398	0	%100
29	M15	X	-1.925	-1.925	0	%100
30	M15	Z	-3.334	-3.334	0	%100
31	M16	X	-1.73	-1.73	0	%100
32	M16	Z	-2.996	-2.996	0	%100
33	M17	X	-0.000256	-0.000256	0	%100
34	M17	Z	-0.000443	-0.000443	0	%100
35	M18	X	-1.77	-1.77	0	%100
36	M18	Z	-3.065	-3.065	0	%100
37	M19	X	0	0	0	%100
38	M19	Z	0	0	0	%100
39	M20	X	-2.183	-2.183	0	%100
40	M20	Z	-3.782	-3.782	0	%100
41	M21	X	-2.163	-2.163	0	%100
42	M21	Z	-3.746	-3.746	0	%100
43	M22	X	-2.163	-2.163	0	%100
44	M22	Z	-3.746	-3.746	0	%100
45	M23	X	0	0	0	%100
46	M23	Z	0	0	0	%100
47	M24	X	-2.163	-2.163	0	%100
48	M24	Z	-3.746	-3.746	0	%100
49	M25	X	-2.163	-2.163	0	%100
50	M25	Z	-3.746	-3.746	0	%100
51	M26	X	-2.183	-2.183	0	%100
52	M26	Z	-3.782	-3.782	0	%100
53	M27	X	0	0	0	%100
54	M27	Z	0	0	0	%100
55	M28	X	0	0	0	%100
56	M28	Z	0	0	0	%100
57	M29	X	-2.163	-2.163	0	%100
58	M29	Z	-3.746	-3.746	0	%100
59	M30	X	-2.163	-2.163	0	%100
60	M30	Z	-3.746	-3.746	0	%100
61	M31	X	-2.163	-2.163	0	%100
62	M31	Z	-3.746	-3.746	0	%100
63	M32	X	-2.163	-2.163	0	%100
64	M32	Z	-3.746	-3.746	0	%100
65	M33	X	0	0	0	%100
66	M33	Z	0	0	0	%100
67	MP1A	X	-2	-2	0	%100
68	MP1A	Z	-3.464	-3.464	0	%100
69	MP2A	X	-2	-2	0	%100
70	MP2A	Z	-3.464	-3.464	0	%100
71	MP3A	X	-2	-2	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, %]
72	MP3A	Z	-3.464	-3.464	0	%100
73	MP4A	X	-2	-2	0	%100
74	MP4A	Z	-3.464	-3.464	0	%100
75	MP1B	X	-2	-2	0	%100
76	MP1B	Z	-3.464	-3.464	0	%100
77	MP2B	X	-2	-2	0	%100
78	MP2B	Z	-3.464	-3.464	0	%100
79	MP3B	X	-2	-2	0	%100
80	MP3B	Z	-3.464	-3.464	0	%100
81	MP4B	X	-2	-2	0	%100
82	MP4B	Z	-3.464	-3.464	0	%100
83	MP1C	X	-2	-2	0	%100
84	MP1C	Z	-3.464	-3.464	0	%100
85	MP2C	X	-2	-2	0	%100
86	MP2C	Z	-3.464	-3.464	0	%100
87	MP3C	X	-2	-2	0	%100
88	MP3C	Z	-3.464	-3.464	0	%100
89	MP4C	X	-2	-2	0	%100
90	MP4C	Z	-3.464	-3.464	0	%100
91	M70	X	-1.704	-1.704	0	%100
92	M70	Z	-2.951	-2.951	0	%100
93	M71	X	-1.704	-1.704	0	%100
94	M71	Z	-2.951	-2.951	0	%100
95	M72	X	0	0	0	%100
96	M72	Z	0	0	0	%100
97	M97	X	0	0	0	%100
98	M97	Z	0	0	0	%100
99	M98	X	-1.633	-1.633	0	%100
100	M98	Z	-2.829	-2.829	0	%100
101	M99	X	-1.633	-1.633	0	%100
102	M99	Z	-2.829	-2.829	0	%100
103	M95	X	-2.434	-2.434	0	%100
104	M95	Z	-4.216	-4.216	0	%100
105	M97A	X	-2.676	-2.676	0	%100
106	M97A	Z	-4.636	-4.636	0	%100
107	M99A	X	-2.434	-2.434	0	%100
108	M99A	Z	-4.216	-4.216	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	-.882	-.882	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	-.22	-.22	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	-.22	-.22	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	-.687	-.687	0	%100
11	M6	X	0	0	0	%100
12	M6	Z	-.687	-.687	0	%100
13	M7	X	0	0	0	%100
14	M7	Z	-.83	-.83	0	%100
15	M8	X	0	0	0	%100
16	M8	Z	-.83	-.83	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.%,]
17	M9	X	0	0	0	%100
18	M9	Z	-.207	-.207	0	%100
19	M10	X	0	0	0	%100
20	M10	Z	-.207	-.207	0	%100
21	M11	X	0	0	0	%100
22	M11	Z	-.207	-.207	0	%100
23	M12	X	0	0	0	%100
24	M12	Z	-.207	-.207	0	%100
25	M13	X	0	0	0	%100
26	M13	Z	-.294	-.294	0	%100
27	M14	X	0	0	0	%100
28	M14	Z	-.245	-.245	0	%100
29	M15	X	0	0	0	%100
30	M15	Z	-1.138	-1.138	0	%100
31	M16	X	0	0	0	%100
32	M16	Z	-.229	-.229	0	%100
33	M17	X	0	0	0	%100
34	M17	Z	-.275	-.275	0	%100
35	M18	X	0	0	0	%100
36	M18	Z	-.948	-.948	0	%100
37	M19	X	0	0	0	%100
38	M19	Z	-.389	-.389	0	%100
39	M20	X	0	0	0	%100
40	M20	Z	-1.557	-1.557	0	%100
41	M21	X	0	0	0	%100
42	M21	Z	-.389	-.389	0	%100
43	M22	X	0	0	0	%100
44	M22	Z	-.389	-.389	0	%100
45	M23	X	0	0	0	%100
46	M23	Z	-.389	-.389	0	%100
47	M24	X	0	0	0	%100
48	M24	Z	-1.557	-1.557	0	%100
49	M25	X	0	0	0	%100
50	M25	Z	-1.557	-1.557	0	%100
51	M26	X	0	0	0	%100
52	M26	Z	-.389	-.389	0	%100
53	M27	X	0	0	0	%100
54	M27	Z	-.389	-.389	0	%100
55	M28	X	0	0	0	%100
56	M28	Z	-.389	-.389	0	%100
57	M29	X	0	0	0	%100
58	M29	Z	-.389	-.389	0	%100
59	M30	X	0	0	0	%100
60	M30	Z	-.389	-.389	0	%100
61	M31	X	0	0	0	%100
62	M31	Z	-1.557	-1.557	0	%100
63	M32	X	0	0	0	%100
64	M32	Z	-1.557	-1.557	0	%100
65	M33	X	0	0	0	%100
66	M33	Z	-.389	-.389	0	%100
67	MP1A	X	0	0	0	%100
68	MP1A	Z	-.616	-.616	0	%100
69	MP2A	X	0	0	0	%100
70	MP2A	Z	-.616	-.616	0	%100
71	MP3A	X	0	0	0	%100
72	MP3A	Z	-.616	-.616	0	%100
73	MP4A	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft.F....]	Start Location[ft.%]	End Location[ft.%]
74	MP4A	Z	-.616	-.616	0	%100
75	MP1B	X	0	0	0	%100
76	MP1B	Z	-.616	-.616	0	%100
77	MP2B	X	0	0	0	%100
78	MP2B	Z	-.616	-.616	0	%100
79	MP3B	X	0	0	0	%100
80	MP3B	Z	-.616	-.616	0	%100
81	MP4B	X	0	0	0	%100
82	MP4B	Z	-.616	-.616	0	%100
83	MP1C	X	0	0	0	%100
84	MP1C	Z	-.616	-.616	0	%100
85	MP2C	X	0	0	0	%100
86	MP2C	Z	-.616	-.616	0	%100
87	MP3C	X	0	0	0	%100
88	MP3C	Z	-.616	-.616	0	%100
89	MP4C	X	0	0	0	%100
90	MP4C	Z	-.616	-.616	0	%100
91	M70	X	0	0	0	%100
92	M70	Z	-.746	-.746	0	%100
93	M71	X	0	0	0	%100
94	M71	Z	-.187	-.187	0	%100
95	M72	X	0	0	0	%100
96	M72	Z	-.187	-.187	0	%100
97	M97	X	0	0	0	%100
98	M97	Z	-.239	-.239	0	%100
99	M98	X	0	0	0	%100
100	M98	Z	-.239	-.239	0	%100
101	M99	X	0	0	0	%100
102	M99	Z	-.957	-.957	0	%100
103	M95	X	0	0	0	%100
104	M95	Z	-1.234	-1.234	0	%100
105	M97A	X	0	0	0	%100
106	M97A	Z	-1.188	-1.188	0	%100
107	M99A	X	0	0	0	%100
108	M99A	Z	-1.188	-1.188	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	.331	.331	0	%100
2	M1	Z	-.573	-.573	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	.331	.331	0	%100
6	M3	Z	-.573	-.573	0	%100
7	M4	X	.114	.114	0	%100
8	M4	Z	-.198	-.198	0	%100
9	M5	X	.114	.114	0	%100
10	M5	Z	-.198	-.198	0	%100
11	M6	X	.458	.458	0	%100
12	M6	Z	-.793	-.793	0	%100
13	M7	X	.311	.311	0	%100
14	M7	Z	-.539	-.539	0	%100
15	M8	X	.311	.311	0	%100
16	M8	Z	-.539	-.539	0	%100
17	M9	X	.311	.311	0	%100
18	M9	Z	-.539	-.539	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, %]
19	M10	X	.311	.311	0	%100
20	M10	Z	-.539	-.539	0	%100
21	M11	X	0	0	0	%100
22	M11	Z	0	0	0	%100
23	M12	X	0	0	0	%100
24	M12	Z	0	0	0	%100
25	M13	X	5.6e-5	5.6e-5	0	%100
26	M13	Z	-9.7e-5	-9.7e-5	0	%100
27	M14	X	.36	.36	0	%100
28	M14	Z	-.623	-.623	0	%100
29	M15	X	.432	.432	0	%100
30	M15	Z	-.748	-.748	0	%100
31	M16	X	4.7e-5	4.7e-5	0	%100
32	M16	Z	-8.1e-5	-8.1e-5	0	%100
33	M17	X	.422	.422	0	%100
34	M17	Z	-.731	-.731	0	%100
35	M18	X	.352	.352	0	%100
36	M18	Z	-.609	-.609	0	%100
37	M19	X	.584	.584	0	%100
38	M19	Z	-1.012	-1.012	0	%100
39	M20	X	.584	.584	0	%100
40	M20	Z	-1.012	-1.012	0	%100
41	M21	X	0	0	0	%100
42	M21	Z	0	0	0	%100
43	M22	X	0	0	0	%100
44	M22	Z	0	0	0	%100
45	M23	X	.584	.584	0	%100
46	M23	Z	-1.012	-1.012	0	%100
47	M24	X	.584	.584	0	%100
48	M24	Z	-1.012	-1.012	0	%100
49	M25	X	.584	.584	0	%100
50	M25	Z	-1.012	-1.012	0	%100
51	M26	X	0	0	0	%100
52	M26	Z	0	0	0	%100
53	M27	X	.584	.584	0	%100
54	M27	Z	-1.012	-1.012	0	%100
55	M28	X	.584	.584	0	%100
56	M28	Z	-1.012	-1.012	0	%100
57	M29	X	0	0	0	%100
58	M29	Z	0	0	0	%100
59	M30	X	0	0	0	%100
60	M30	Z	0	0	0	%100
61	M31	X	.584	.584	0	%100
62	M31	Z	-1.012	-1.012	0	%100
63	M32	X	.584	.584	0	%100
64	M32	Z	-1.012	-1.012	0	%100
65	M33	X	.584	.584	0	%100
66	M33	Z	-1.012	-1.012	0	%100
67	MP1A	X	.308	.308	0	%100
68	MP1A	Z	-.534	-.534	0	%100
69	MP2A	X	.308	.308	0	%100
70	MP2A	Z	-.534	-.534	0	%100
71	MP3A	X	.308	.308	0	%100
72	MP3A	Z	-.534	-.534	0	%100
73	MP4A	X	.308	.308	0	%100
74	MP4A	Z	-.534	-.534	0	%100
75	MP1B	X	.308	.308	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, %]
76	MP1B	Z	-.534	-.534	0	%100
77	MP2B	X	.308	.308	0	%100
78	MP2B	Z	-.534	-.534	0	%100
79	MP3B	X	.308	.308	0	%100
80	MP3B	Z	-.534	-.534	0	%100
81	MP4B	X	.308	.308	0	%100
82	MP4B	Z	-.534	-.534	0	%100
83	MP1C	X	.308	.308	0	%100
84	MP1C	Z	-.534	-.534	0	%100
85	MP2C	X	.308	.308	0	%100
86	MP2C	Z	-.534	-.534	0	%100
87	MP3C	X	.308	.308	0	%100
88	MP3C	Z	-.534	-.534	0	%100
89	MP4C	X	.308	.308	0	%100
90	MP4C	Z	-.534	-.534	0	%100
91	M70	X	.28	.28	0	%100
92	M70	Z	-.485	-.485	0	%100
93	M71	X	0	0	0	%100
94	M71	Z	0	0	0	%100
95	M72	X	.28	.28	0	%100
96	M72	Z	-.485	-.485	0	%100
97	M97	X	.359	.359	0	%100
98	M97	Z	-.622	-.622	0	%100
99	M98	X	0	0	0	%100
100	M98	Z	0	0	0	%100
101	M99	X	.359	.359	0	%100
102	M99	Z	-.622	-.622	0	%100
103	M95	X	.609	.609	0	%100
104	M95	Z	-1.056	-1.056	0	%100
105	M97A	X	.609	.609	0	%100
106	M97A	Z	-1.056	-1.056	0	%100
107	M99A	X	.586	.586	0	%100
108	M99A	Z	-1.015	-1.015	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	.191	.191	0	%100
2	M1	Z	-.11	-.11	0	%100
3	M2	X	.191	.191	0	%100
4	M2	Z	-.11	-.11	0	%100
5	M3	X	.764	.764	0	%100
6	M3	Z	-.441	-.441	0	%100
7	M4	X	.595	.595	0	%100
8	M4	Z	-.343	-.343	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	0	0	0	%100
11	M6	X	.595	.595	0	%100
12	M6	Z	-.343	-.343	0	%100
13	M7	X	.18	.18	0	%100
14	M7	Z	-.104	-.104	0	%100
15	M8	X	.18	.18	0	%100
16	M8	Z	-.104	-.104	0	%100
17	M9	X	.719	.719	0	%100
18	M9	Z	-.415	-.415	0	%100
19	M10	X	.719	.719	0	%100
20	M10	Z	-.415	-.415	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.%,]
21	M11	X	.18	.18	0	%100
22	M11	Z	-.104	-.104	0	%100
23	M12	X	.18	.18	0	%100
24	M12	Z	-.104	-.104	0	%100
25	M13	X	.238	.238	0	%100
26	M13	Z	-.137	-.137	0	%100
27	M14	X	.821	.821	0	%100
28	M14	Z	-.474	-.474	0	%100
29	M15	X	.255	.255	0	%100
30	M15	Z	-.147	-.147	0	%100
31	M16	X	.212	.212	0	%100
32	M16	Z	-.123	-.123	0	%100
33	M17	X	.985	.985	0	%100
34	M17	Z	-.569	-.569	0	%100
35	M18	X	.198	.198	0	%100
36	M18	Z	-.114	-.114	0	%100
37	M19	X	1.349	1.349	0	%100
38	M19	Z	-.779	-.779	0	%100
39	M20	X	.337	.337	0	%100
40	M20	Z	-.195	-.195	0	%100
41	M21	X	.337	.337	0	%100
42	M21	Z	-.195	-.195	0	%100
43	M22	X	.337	.337	0	%100
44	M22	Z	-.195	-.195	0	%100
45	M23	X	1.349	1.349	0	%100
46	M23	Z	-.779	-.779	0	%100
47	M24	X	.337	.337	0	%100
48	M24	Z	-.195	-.195	0	%100
49	M25	X	.337	.337	0	%100
50	M25	Z	-.195	-.195	0	%100
51	M26	X	.337	.337	0	%100
52	M26	Z	-.195	-.195	0	%100
53	M27	X	1.349	1.349	0	%100
54	M27	Z	-.779	-.779	0	%100
55	M28	X	1.349	1.349	0	%100
56	M28	Z	-.779	-.779	0	%100
57	M29	X	.337	.337	0	%100
58	M29	Z	-.195	-.195	0	%100
59	M30	X	.337	.337	0	%100
60	M30	Z	-.195	-.195	0	%100
61	M31	X	.337	.337	0	%100
62	M31	Z	-.195	-.195	0	%100
63	M32	X	.337	.337	0	%100
64	M32	Z	-.195	-.195	0	%100
65	M33	X	1.349	1.349	0	%100
66	M33	Z	-.779	-.779	0	%100
67	MP1A	X	.534	.534	0	%100
68	MP1A	Z	-.308	-.308	0	%100
69	MP2A	X	.534	.534	0	%100
70	MP2A	Z	-.308	-.308	0	%100
71	MP3A	X	.534	.534	0	%100
72	MP3A	Z	-.308	-.308	0	%100
73	MP4A	X	.534	.534	0	%100
74	MP4A	Z	-.308	-.308	0	%100
75	MP1B	X	.534	.534	0	%100
76	MP1B	Z	-.308	-.308	0	%100
77	MP2B	X	.534	.534	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.%]
78	MP2B	Z	-.308	-.308	0	%100
79	MP3B	X	.534	.534	0	%100
80	MP3B	Z	-.308	-.308	0	%100
81	MP4B	X	.534	.534	0	%100
82	MP4B	Z	-.308	-.308	0	%100
83	MP1C	X	.534	.534	0	%100
84	MP1C	Z	-.308	-.308	0	%100
85	MP2C	X	.534	.534	0	%100
86	MP2C	Z	-.308	-.308	0	%100
87	MP3C	X	.534	.534	0	%100
88	MP3C	Z	-.308	-.308	0	%100
89	MP4C	X	.534	.534	0	%100
90	MP4C	Z	-.308	-.308	0	%100
91	M70	X	.162	.162	0	%100
92	M70	Z	-.093	-.093	0	%100
93	M71	X	.162	.162	0	%100
94	M71	Z	-.093	-.093	0	%100
95	M72	X	.646	.646	0	%100
96	M72	Z	-.373	-.373	0	%100
97	M97	X	.829	.829	0	%100
98	M97	Z	-.479	-.479	0	%100
99	M98	X	.207	.207	0	%100
100	M98	Z	-.12	-.12	0	%100
101	M99	X	.207	.207	0	%100
102	M99	Z	-.12	-.12	0	%100
103	M95	X	1.029	1.029	0	%100
104	M95	Z	-.594	-.594	0	%100
105	M97A	X	1.069	1.069	0	%100
106	M97A	Z	-.617	-.617	0	%100
107	M99A	X	1.029	1.029	0	%100
108	M99A	Z	-.594	-.594	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft.F....]	Start Location[ft.%]	End Location[ft.%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	.661	.661	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	.661	.661	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	.915	.915	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	.229	.229	0	%100
10	M5	Z	0	0	0	%100
11	M6	X	.229	.229	0	%100
12	M6	Z	0	0	0	%100
13	M7	X	0	0	0	%100
14	M7	Z	0	0	0	%100
15	M8	X	0	0	0	%100
16	M8	Z	0	0	0	%100
17	M9	X	.622	.622	0	%100
18	M9	Z	0	0	0	%100
19	M10	X	.622	.622	0	%100
20	M10	Z	0	0	0	%100
21	M11	X	.622	.622	0	%100
22	M11	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. %]
23	M12	X	.622	.622	0	%100
24	M12	Z	0	0	0	%100
25	M13	X	.844	.844	0	%100
26	M13	Z	0	0	0	%100
27	M14	X	.703	.703	0	%100
28	M14	Z	0	0	0	%100
29	M15	X	.000112	.000112	0	%100
30	M15	Z	0	0	0	%100
31	M16	X	.719	.719	0	%100
32	M16	Z	0	0	0	%100
33	M17	X	.863	.863	0	%100
34	M17	Z	0	0	0	%100
35	M18	X	9.3e-5	9.3e-5	0	%100
36	M18	Z	0	0	0	%100
37	M19	X	1.168	1.168	0	%100
38	M19	Z	0	0	0	%100
39	M20	X	0	0	0	%100
40	M20	Z	0	0	0	%100
41	M21	X	1.168	1.168	0	%100
42	M21	Z	0	0	0	%100
43	M22	X	1.168	1.168	0	%100
44	M22	Z	0	0	0	%100
45	M23	X	1.168	1.168	0	%100
46	M23	Z	0	0	0	%100
47	M24	X	0	0	0	%100
48	M24	Z	0	0	0	%100
49	M25	X	0	0	0	%100
50	M25	Z	0	0	0	%100
51	M26	X	1.168	1.168	0	%100
52	M26	Z	0	0	0	%100
53	M27	X	1.168	1.168	0	%100
54	M27	Z	0	0	0	%100
55	M28	X	1.168	1.168	0	%100
56	M28	Z	0	0	0	%100
57	M29	X	1.168	1.168	0	%100
58	M29	Z	0	0	0	%100
59	M30	X	1.168	1.168	0	%100
60	M30	Z	0	0	0	%100
61	M31	X	0	0	0	%100
62	M31	Z	0	0	0	%100
63	M32	X	0	0	0	%100
64	M32	Z	0	0	0	%100
65	M33	X	1.168	1.168	0	%100
66	M33	Z	0	0	0	%100
67	MP1A	X	.616	.616	0	%100
68	MP1A	Z	0	0	0	%100
69	MP2A	X	.616	.616	0	%100
70	MP2A	Z	0	0	0	%100
71	MP3A	X	.616	.616	0	%100
72	MP3A	Z	0	0	0	%100
73	MP4A	X	.616	.616	0	%100
74	MP4A	Z	0	0	0	%100
75	MP1B	X	.616	.616	0	%100
76	MP1B	Z	0	0	0	%100
77	MP2B	X	.616	.616	0	%100
78	MP2B	Z	0	0	0	%100
79	MP3B	X	.616	.616	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.%]
80	MP3B	Z	0	0	0	%100
81	MP4B	X	.616	.616	0	%100
82	MP4B	Z	0	0	0	%100
83	MP1C	X	.616	.616	0	%100
84	MP1C	Z	0	0	0	%100
85	MP2C	X	.616	.616	0	%100
86	MP2C	Z	0	0	0	%100
87	MP3C	X	.616	.616	0	%100
88	MP3C	Z	0	0	0	%100
89	MP4C	X	.616	.616	0	%100
90	MP4C	Z	0	0	0	%100
91	M70	X	0	0	0	%100
92	M70	Z	0	0	0	%100
93	M71	X	.56	.56	0	%100
94	M71	Z	0	0	0	%100
95	M72	X	.56	.56	0	%100
96	M72	Z	0	0	0	%100
97	M97	X	.718	.718	0	%100
98	M97	Z	0	0	0	%100
99	M98	X	.718	.718	0	%100
100	M98	Z	0	0	0	%100
101	M99	X	0	0	0	%100
102	M99	Z	0	0	0	%100
103	M95	X	1.173	1.173	0	%100
104	M95	Z	0	0	0	%100
105	M97A	X	1.219	1.219	0	%100
106	M97A	Z	0	0	0	%100
107	M99A	X	1.219	1.219	0	%100
108	M99A	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	.191	.191	0	%100
2	M1	Z	.11	.11	0	%100
3	M2	X	.764	.764	0	%100
4	M2	Z	.441	.441	0	%100
5	M3	X	.191	.191	0	%100
6	M3	Z	.11	.11	0	%100
7	M4	X	.595	.595	0	%100
8	M4	Z	.343	.343	0	%100
9	M5	X	.595	.595	0	%100
10	M5	Z	.343	.343	0	%100
11	M6	X	0	0	0	%100
12	M6	Z	0	0	0	%100
13	M7	X	.18	.18	0	%100
14	M7	Z	.104	.104	0	%100
15	M8	X	.18	.18	0	%100
16	M8	Z	.104	.104	0	%100
17	M9	X	.18	.18	0	%100
18	M9	Z	.104	.104	0	%100
19	M10	X	.18	.18	0	%100
20	M10	Z	.104	.104	0	%100
21	M11	X	.719	.719	0	%100
22	M11	Z	.415	.415	0	%100
23	M12	X	.719	.719	0	%100
24	M12	Z	.415	.415	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. %]
25	M13	X	.985	.985	0	%100
26	M13	Z	.569	.569	0	%100
27	M14	X	.198	.198	0	%100
28	M14	Z	.114	.114	0	%100
29	M15	X	.238	.238	0	%100
30	M15	Z	.137	.137	0	%100
31	M16	X	.821	.821	0	%100
32	M16	Z	.474	.474	0	%100
33	M17	X	.255	.255	0	%100
34	M17	Z	.147	.147	0	%100
35	M18	X	.212	.212	0	%100
36	M18	Z	.123	.123	0	%100
37	M19	X	.337	.337	0	%100
38	M19	Z	.195	.195	0	%100
39	M20	X	.337	.337	0	%100
40	M20	Z	.195	.195	0	%100
41	M21	X	1.349	1.349	0	%100
42	M21	Z	.779	.779	0	%100
43	M22	X	1.349	1.349	0	%100
44	M22	Z	.779	.779	0	%100
45	M23	X	.337	.337	0	%100
46	M23	Z	.195	.195	0	%100
47	M24	X	.337	.337	0	%100
48	M24	Z	.195	.195	0	%100
49	M25	X	.337	.337	0	%100
50	M25	Z	.195	.195	0	%100
51	M26	X	1.349	1.349	0	%100
52	M26	Z	.779	.779	0	%100
53	M27	X	.337	.337	0	%100
54	M27	Z	.195	.195	0	%100
55	M28	X	.337	.337	0	%100
56	M28	Z	.195	.195	0	%100
57	M29	X	1.349	1.349	0	%100
58	M29	Z	.779	.779	0	%100
59	M30	X	1.349	1.349	0	%100
60	M30	Z	.779	.779	0	%100
61	M31	X	.337	.337	0	%100
62	M31	Z	.195	.195	0	%100
63	M32	X	.337	.337	0	%100
64	M32	Z	.195	.195	0	%100
65	M33	X	.337	.337	0	%100
66	M33	Z	.195	.195	0	%100
67	MP1A	X	.534	.534	0	%100
68	MP1A	Z	.308	.308	0	%100
69	MP2A	X	.534	.534	0	%100
70	MP2A	Z	.308	.308	0	%100
71	MP3A	X	.534	.534	0	%100
72	MP3A	Z	.308	.308	0	%100
73	MP4A	X	.534	.534	0	%100
74	MP4A	Z	.308	.308	0	%100
75	MP1B	X	.534	.534	0	%100
76	MP1B	Z	.308	.308	0	%100
77	MP2B	X	.534	.534	0	%100
78	MP2B	Z	.308	.308	0	%100
79	MP3B	X	.534	.534	0	%100
80	MP3B	Z	.308	.308	0	%100
81	MP4B	X	.534	.534	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, %]
82	MP4B	Z	.308	.308	0	%100
83	MP1C	X	.534	.534	0	%100
84	MP1C	Z	.308	.308	0	%100
85	MP2C	X	.534	.534	0	%100
86	MP2C	Z	.308	.308	0	%100
87	MP3C	X	.534	.534	0	%100
88	MP3C	Z	.308	.308	0	%100
89	MP4C	X	.534	.534	0	%100
90	MP4C	Z	.308	.308	0	%100
91	M70	X	.162	.162	0	%100
92	M70	Z	.093	.093	0	%100
93	M71	X	.646	.646	0	%100
94	M71	Z	.373	.373	0	%100
95	M72	X	.162	.162	0	%100
96	M72	Z	.093	.093	0	%100
97	M97	X	.207	.207	0	%100
98	M97	Z	.12	.12	0	%100
99	M98	X	.829	.829	0	%100
100	M98	Z	.479	.479	0	%100
101	M99	X	.207	.207	0	%100
102	M99	Z	.12	.12	0	%100
103	M95	X	1.029	1.029	0	%100
104	M95	Z	.594	.594	0	%100
105	M97A	X	1.029	1.029	0	%100
106	M97A	Z	.594	.594	0	%100
107	M99A	X	1.069	1.069	0	%100
108	M99A	Z	.617	.617	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	.331	.331	0	%100
2	M1	Z	.573	.573	0	%100
3	M2	X	.331	.331	0	%100
4	M2	Z	.573	.573	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	.114	.114	0	%100
8	M4	Z	.198	.198	0	%100
9	M5	X	.458	.458	0	%100
10	M5	Z	.793	.793	0	%100
11	M6	X	.114	.114	0	%100
12	M6	Z	.198	.198	0	%100
13	M7	X	.311	.311	0	%100
14	M7	Z	.539	.539	0	%100
15	M8	X	.311	.311	0	%100
16	M8	Z	.539	.539	0	%100
17	M9	X	0	0	0	%100
18	M9	Z	0	0	0	%100
19	M10	X	0	0	0	%100
20	M10	Z	0	0	0	%100
21	M11	X	.311	.311	0	%100
22	M11	Z	.539	.539	0	%100
23	M12	X	.311	.311	0	%100
24	M12	Z	.539	.539	0	%100
25	M13	X	.432	.432	0	%100
26	M13	Z	.748	.748	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft, F...]	End Magnitude[lb/ft, F...]	Start Location[ft, %]	End Location[ft, %]
27	M14	X	4.7e-5	4.7e-5	0	%100
28	M14	Z	8.1e-5	8.1e-5	0	%100
29	M15	X	.422	.422	0	%100
30	M15	Z	.731	.731	0	%100
31	M16	X	.352	.352	0	%100
32	M16	Z	.609	.609	0	%100
33	M17	X	5.6e-5	5.6e-5	0	%100
34	M17	Z	9.7e-5	9.7e-5	0	%100
35	M18	X	.36	.36	0	%100
36	M18	Z	.623	.623	0	%100
37	M19	X	0	0	0	%100
38	M19	Z	0	0	0	%100
39	M20	X	.584	.584	0	%100
40	M20	Z	1.012	1.012	0	%100
41	M21	X	.584	.584	0	%100
42	M21	Z	1.012	1.012	0	%100
43	M22	X	.584	.584	0	%100
44	M22	Z	1.012	1.012	0	%100
45	M23	X	0	0	0	%100
46	M23	Z	0	0	0	%100
47	M24	X	.584	.584	0	%100
48	M24	Z	1.012	1.012	0	%100
49	M25	X	.584	.584	0	%100
50	M25	Z	1.012	1.012	0	%100
51	M26	X	.584	.584	0	%100
52	M26	Z	1.012	1.012	0	%100
53	M27	X	0	0	0	%100
54	M27	Z	0	0	0	%100
55	M28	X	0	0	0	%100
56	M28	Z	0	0	0	%100
57	M29	X	.584	.584	0	%100
58	M29	Z	1.012	1.012	0	%100
59	M30	X	.584	.584	0	%100
60	M30	Z	1.012	1.012	0	%100
61	M31	X	.584	.584	0	%100
62	M31	Z	1.012	1.012	0	%100
63	M32	X	.584	.584	0	%100
64	M32	Z	1.012	1.012	0	%100
65	M33	X	0	0	0	%100
66	M33	Z	0	0	0	%100
67	MP1A	X	.308	.308	0	%100
68	MP1A	Z	.534	.534	0	%100
69	MP2A	X	.308	.308	0	%100
70	MP2A	Z	.534	.534	0	%100
71	MP3A	X	.308	.308	0	%100
72	MP3A	Z	.534	.534	0	%100
73	MP4A	X	.308	.308	0	%100
74	MP4A	Z	.534	.534	0	%100
75	MP1B	X	.308	.308	0	%100
76	MP1B	Z	.534	.534	0	%100
77	MP2B	X	.308	.308	0	%100
78	MP2B	Z	.534	.534	0	%100
79	MP3B	X	.308	.308	0	%100
80	MP3B	Z	.534	.534	0	%100
81	MP4B	X	.308	.308	0	%100
82	MP4B	Z	.534	.534	0	%100
83	MP1C	X	.308	.308	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.%]
84	MP1C	Z	.534	.534	0	%100
85	MP2C	X	.308	.308	0	%100
86	MP2C	Z	.534	.534	0	%100
87	MP3C	X	.308	.308	0	%100
88	MP3C	Z	.534	.534	0	%100
89	MP4C	X	.308	.308	0	%100
90	MP4C	Z	.534	.534	0	%100
91	M70	X	.28	.28	0	%100
92	M70	Z	.485	.485	0	%100
93	M71	X	.28	.28	0	%100
94	M71	Z	.485	.485	0	%100
95	M72	X	0	0	0	%100
96	M72	Z	0	0	0	%100
97	M97	X	0	0	0	%100
98	M97	Z	0	0	0	%100
99	M98	X	.359	.359	0	%100
100	M98	Z	.622	.622	0	%100
101	M99	X	.359	.359	0	%100
102	M99	Z	.622	.622	0	%100
103	M95	X	.609	.609	0	%100
104	M95	Z	1.056	1.056	0	%100
105	M97A	X	.586	.586	0	%100
106	M97A	Z	1.015	1.015	0	%100
107	M99A	X	.609	.609	0	%100
108	M99A	Z	1.056	1.056	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	.882	.882	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	.22	.22	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	.22	.22	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	.687	.687	0	%100
11	M6	X	0	0	0	%100
12	M6	Z	.687	.687	0	%100
13	M7	X	0	0	0	%100
14	M7	Z	.83	.83	0	%100
15	M8	X	0	0	0	%100
16	M8	Z	.83	.83	0	%100
17	M9	X	0	0	0	%100
18	M9	Z	.207	.207	0	%100
19	M10	X	0	0	0	%100
20	M10	Z	.207	.207	0	%100
21	M11	X	0	0	0	%100
22	M11	Z	.207	.207	0	%100
23	M12	X	0	0	0	%100
24	M12	Z	.207	.207	0	%100
25	M13	X	0	0	0	%100
26	M13	Z	.294	.294	0	%100
27	M14	X	0	0	0	%100
28	M14	Z	.245	.245	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft,F...	Start Location[ft.%,]	End Location[ft.%,]
29	M15	X	0	0	0	%100
30	M15	Z	1.138	1.138	0	%100
31	M16	X	0	0	0	%100
32	M16	Z	.229	.229	0	%100
33	M17	X	0	0	0	%100
34	M17	Z	.275	.275	0	%100
35	M18	X	0	0	0	%100
36	M18	Z	.948	.948	0	%100
37	M19	X	0	0	0	%100
38	M19	Z	.389	.389	0	%100
39	M20	X	0	0	0	%100
40	M20	Z	1.557	1.557	0	%100
41	M21	X	0	0	0	%100
42	M21	Z	.389	.389	0	%100
43	M22	X	0	0	0	%100
44	M22	Z	.389	.389	0	%100
45	M23	X	0	0	0	%100
46	M23	Z	.389	.389	0	%100
47	M24	X	0	0	0	%100
48	M24	Z	1.557	1.557	0	%100
49	M25	X	0	0	0	%100
50	M25	Z	1.557	1.557	0	%100
51	M26	X	0	0	0	%100
52	M26	Z	.389	.389	0	%100
53	M27	X	0	0	0	%100
54	M27	Z	.389	.389	0	%100
55	M28	X	0	0	0	%100
56	M28	Z	.389	.389	0	%100
57	M29	X	0	0	0	%100
58	M29	Z	.389	.389	0	%100
59	M30	X	0	0	0	%100
60	M30	Z	.389	.389	0	%100
61	M31	X	0	0	0	%100
62	M31	Z	1.557	1.557	0	%100
63	M32	X	0	0	0	%100
64	M32	Z	1.557	1.557	0	%100
65	M33	X	0	0	0	%100
66	M33	Z	.389	.389	0	%100
67	MP1A	X	0	0	0	%100
68	MP1A	Z	.616	.616	0	%100
69	MP2A	X	0	0	0	%100
70	MP2A	Z	.616	.616	0	%100
71	MP3A	X	0	0	0	%100
72	MP3A	Z	.616	.616	0	%100
73	MP4A	X	0	0	0	%100
74	MP4A	Z	.616	.616	0	%100
75	MP1B	X	0	0	0	%100
76	MP1B	Z	.616	.616	0	%100
77	MP2B	X	0	0	0	%100
78	MP2B	Z	.616	.616	0	%100
79	MP3B	X	0	0	0	%100
80	MP3B	Z	.616	.616	0	%100
81	MP4B	X	0	0	0	%100
82	MP4B	Z	.616	.616	0	%100
83	MP1C	X	0	0	0	%100
84	MP1C	Z	.616	.616	0	%100
85	MP2C	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, %]
86	MP2C	Z	.616	.616	0	%100
87	MP3C	X	0	0	0	%100
88	MP3C	Z	.616	.616	0	%100
89	MP4C	X	0	0	0	%100
90	MP4C	Z	.616	.616	0	%100
91	M70	X	0	0	0	%100
92	M70	Z	.746	.746	0	%100
93	M71	X	0	0	0	%100
94	M71	Z	.187	.187	0	%100
95	M72	X	0	0	0	%100
96	M72	Z	.187	.187	0	%100
97	M97	X	0	0	0	%100
98	M97	Z	.239	.239	0	%100
99	M98	X	0	0	0	%100
100	M98	Z	.239	.239	0	%100
101	M99	X	0	0	0	%100
102	M99	Z	.957	.957	0	%100
103	M95	X	0	0	0	%100
104	M95	Z	1.234	1.234	0	%100
105	M97A	X	0	0	0	%100
106	M97A	Z	1.188	1.188	0	%100
107	M99A	X	0	0	0	%100
108	M99A	Z	1.188	1.188	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	-.331	-.331	0	%100
2	M1	Z	.573	.573	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	-.331	-.331	0	%100
6	M3	Z	.573	.573	0	%100
7	M4	X	-.114	-.114	0	%100
8	M4	Z	.198	.198	0	%100
9	M5	X	-.114	-.114	0	%100
10	M5	Z	.198	.198	0	%100
11	M6	X	-.458	-.458	0	%100
12	M6	Z	.793	.793	0	%100
13	M7	X	-.311	-.311	0	%100
14	M7	Z	.539	.539	0	%100
15	M8	X	-.311	-.311	0	%100
16	M8	Z	.539	.539	0	%100
17	M9	X	-.311	-.311	0	%100
18	M9	Z	.539	.539	0	%100
19	M10	X	-.311	-.311	0	%100
20	M10	Z	.539	.539	0	%100
21	M11	X	0	0	0	%100
22	M11	Z	0	0	0	%100
23	M12	X	0	0	0	%100
24	M12	Z	0	0	0	%100
25	M13	X	-5.6e-5	-5.6e-5	0	%100
26	M13	Z	9.7e-5	9.7e-5	0	%100
27	M14	X	-.36	-.36	0	%100
28	M14	Z	.623	.623	0	%100
29	M15	X	-.432	-.432	0	%100
30	M15	Z	.748	.748	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.%]
31	M16	X	-4.7e-5	-4.7e-5	0	%100
32	M16	Z	8.1e-5	8.1e-5	0	%100
33	M17	X	-.422	-.422	0	%100
34	M17	Z	.731	.731	0	%100
35	M18	X	-.352	-.352	0	%100
36	M18	Z	.609	.609	0	%100
37	M19	X	-.584	-.584	0	%100
38	M19	Z	1.012	1.012	0	%100
39	M20	X	-.584	-.584	0	%100
40	M20	Z	1.012	1.012	0	%100
41	M21	X	0	0	0	%100
42	M21	Z	0	0	0	%100
43	M22	X	0	0	0	%100
44	M22	Z	0	0	0	%100
45	M23	X	-.584	-.584	0	%100
46	M23	Z	1.012	1.012	0	%100
47	M24	X	-.584	-.584	0	%100
48	M24	Z	1.012	1.012	0	%100
49	M25	X	-.584	-.584	0	%100
50	M25	Z	1.012	1.012	0	%100
51	M26	X	0	0	0	%100
52	M26	Z	0	0	0	%100
53	M27	X	-.584	-.584	0	%100
54	M27	Z	1.012	1.012	0	%100
55	M28	X	-.584	-.584	0	%100
56	M28	Z	1.012	1.012	0	%100
57	M29	X	0	0	0	%100
58	M29	Z	0	0	0	%100
59	M30	X	0	0	0	%100
60	M30	Z	0	0	0	%100
61	M31	X	-.584	-.584	0	%100
62	M31	Z	1.012	1.012	0	%100
63	M32	X	-.584	-.584	0	%100
64	M32	Z	1.012	1.012	0	%100
65	M33	X	-.584	-.584	0	%100
66	M33	Z	1.012	1.012	0	%100
67	MP1A	X	-.308	-.308	0	%100
68	MP1A	Z	.534	.534	0	%100
69	MP2A	X	-.308	-.308	0	%100
70	MP2A	Z	.534	.534	0	%100
71	MP3A	X	-.308	-.308	0	%100
72	MP3A	Z	.534	.534	0	%100
73	MP4A	X	-.308	-.308	0	%100
74	MP4A	Z	.534	.534	0	%100
75	MP1B	X	-.308	-.308	0	%100
76	MP1B	Z	.534	.534	0	%100
77	MP2B	X	-.308	-.308	0	%100
78	MP2B	Z	.534	.534	0	%100
79	MP3B	X	-.308	-.308	0	%100
80	MP3B	Z	.534	.534	0	%100
81	MP4B	X	-.308	-.308	0	%100
82	MP4B	Z	.534	.534	0	%100
83	MP1C	X	-.308	-.308	0	%100
84	MP1C	Z	.534	.534	0	%100
85	MP2C	X	-.308	-.308	0	%100
86	MP2C	Z	.534	.534	0	%100
87	MP3C	X	-.308	-.308	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.%,]
88	MP3C	Z	.534	.534	0	%100
89	MP4C	X	-.308	-.308	0	%100
90	MP4C	Z	.534	.534	0	%100
91	M70	X	-.28	-.28	0	%100
92	M70	Z	.485	.485	0	%100
93	M71	X	0	0	0	%100
94	M71	Z	0	0	0	%100
95	M72	X	-.28	-.28	0	%100
96	M72	Z	.485	.485	0	%100
97	M97	X	-.359	-.359	0	%100
98	M97	Z	.622	.622	0	%100
99	M98	X	0	0	0	%100
100	M98	Z	0	0	0	%100
101	M99	X	-.359	-.359	0	%100
102	M99	Z	.622	.622	0	%100
103	M95	X	-.609	-.609	0	%100
104	M95	Z	1.056	1.056	0	%100
105	M97A	X	-.609	-.609	0	%100
106	M97A	Z	1.056	1.056	0	%100
107	M99A	X	-.586	-.586	0	%100
108	M99A	Z	1.015	1.015	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	-.191	-.191	0	%100
2	M1	Z	.11	.11	0	%100
3	M2	X	-.191	-.191	0	%100
4	M2	Z	.11	.11	0	%100
5	M3	X	-.764	-.764	0	%100
6	M3	Z	.441	.441	0	%100
7	M4	X	-.595	-.595	0	%100
8	M4	Z	.343	.343	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	0	0	0	%100
11	M6	X	-.595	-.595	0	%100
12	M6	Z	.343	.343	0	%100
13	M7	X	-.18	-.18	0	%100
14	M7	Z	.104	.104	0	%100
15	M8	X	-.18	-.18	0	%100
16	M8	Z	.104	.104	0	%100
17	M9	X	-.719	-.719	0	%100
18	M9	Z	.415	.415	0	%100
19	M10	X	-.719	-.719	0	%100
20	M10	Z	.415	.415	0	%100
21	M11	X	-.18	-.18	0	%100
22	M11	Z	.104	.104	0	%100
23	M12	X	-.18	-.18	0	%100
24	M12	Z	.104	.104	0	%100
25	M13	X	-.238	-.238	0	%100
26	M13	Z	.137	.137	0	%100
27	M14	X	-.821	-.821	0	%100
28	M14	Z	.474	.474	0	%100
29	M15	X	-.255	-.255	0	%100
30	M15	Z	.147	.147	0	%100
31	M16	X	-.212	-.212	0	%100
32	M16	Z	.123	.123	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.%]
33	M17	X	-.985	-.985	0	%100
34	M17	Z	.569	.569	0	%100
35	M18	X	-.198	-.198	0	%100
36	M18	Z	.114	.114	0	%100
37	M19	X	-1.349	-1.349	0	%100
38	M19	Z	.779	.779	0	%100
39	M20	X	-.337	-.337	0	%100
40	M20	Z	.195	.195	0	%100
41	M21	X	-.337	-.337	0	%100
42	M21	Z	.195	.195	0	%100
43	M22	X	-.337	-.337	0	%100
44	M22	Z	.195	.195	0	%100
45	M23	X	-1.349	-1.349	0	%100
46	M23	Z	.779	.779	0	%100
47	M24	X	-.337	-.337	0	%100
48	M24	Z	.195	.195	0	%100
49	M25	X	-.337	-.337	0	%100
50	M25	Z	.195	.195	0	%100
51	M26	X	-.337	-.337	0	%100
52	M26	Z	.195	.195	0	%100
53	M27	X	-1.349	-1.349	0	%100
54	M27	Z	.779	.779	0	%100
55	M28	X	-1.349	-1.349	0	%100
56	M28	Z	.779	.779	0	%100
57	M29	X	-.337	-.337	0	%100
58	M29	Z	.195	.195	0	%100
59	M30	X	-.337	-.337	0	%100
60	M30	Z	.195	.195	0	%100
61	M31	X	-.337	-.337	0	%100
62	M31	Z	.195	.195	0	%100
63	M32	X	-.337	-.337	0	%100
64	M32	Z	.195	.195	0	%100
65	M33	X	-1.349	-1.349	0	%100
66	M33	Z	.779	.779	0	%100
67	MP1A	X	-.534	-.534	0	%100
68	MP1A	Z	.308	.308	0	%100
69	MP2A	X	-.534	-.534	0	%100
70	MP2A	Z	.308	.308	0	%100
71	MP3A	X	-.534	-.534	0	%100
72	MP3A	Z	.308	.308	0	%100
73	MP4A	X	-.534	-.534	0	%100
74	MP4A	Z	.308	.308	0	%100
75	MP1B	X	-.534	-.534	0	%100
76	MP1B	Z	.308	.308	0	%100
77	MP2B	X	-.534	-.534	0	%100
78	MP2B	Z	.308	.308	0	%100
79	MP3B	X	-.534	-.534	0	%100
80	MP3B	Z	.308	.308	0	%100
81	MP4B	X	-.534	-.534	0	%100
82	MP4B	Z	.308	.308	0	%100
83	MP1C	X	-.534	-.534	0	%100
84	MP1C	Z	.308	.308	0	%100
85	MP2C	X	-.534	-.534	0	%100
86	MP2C	Z	.308	.308	0	%100
87	MP3C	X	-.534	-.534	0	%100
88	MP3C	Z	.308	.308	0	%100
89	MP4C	X	-.534	-.534	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.%,]
90	MP4C	Z	.308	.308	0	%100
91	M70	X	-.162	-.162	0	%100
92	M70	Z	.093	.093	0	%100
93	M71	X	-.162	-.162	0	%100
94	M71	Z	.093	.093	0	%100
95	M72	X	-.646	-.646	0	%100
96	M72	Z	.373	.373	0	%100
97	M97	X	-.829	-.829	0	%100
98	M97	Z	.479	.479	0	%100
99	M98	X	-.207	-.207	0	%100
100	M98	Z	.12	.12	0	%100
101	M99	X	-.207	-.207	0	%100
102	M99	Z	.12	.12	0	%100
103	M95	X	-1.029	-1.029	0	%100
104	M95	Z	.594	.594	0	%100
105	M97A	X	-1.069	-1.069	0	%100
106	M97A	Z	.617	.617	0	%100
107	M99A	X	-1.029	-1.029	0	%100
108	M99A	Z	.594	.594	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%,]	End Location[ft.%,]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	-.661	-.661	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	-.661	-.661	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	-.915	-.915	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	-.229	-.229	0	%100
10	M5	Z	0	0	0	%100
11	M6	X	-.229	-.229	0	%100
12	M6	Z	0	0	0	%100
13	M7	X	0	0	0	%100
14	M7	Z	0	0	0	%100
15	M8	X	0	0	0	%100
16	M8	Z	0	0	0	%100
17	M9	X	-.622	-.622	0	%100
18	M9	Z	0	0	0	%100
19	M10	X	-.622	-.622	0	%100
20	M10	Z	0	0	0	%100
21	M11	X	-.622	-.622	0	%100
22	M11	Z	0	0	0	%100
23	M12	X	-.622	-.622	0	%100
24	M12	Z	0	0	0	%100
25	M13	X	-.844	-.844	0	%100
26	M13	Z	0	0	0	%100
27	M14	X	-.703	-.703	0	%100
28	M14	Z	0	0	0	%100
29	M15	X	-.000112	-.000112	0	%100
30	M15	Z	0	0	0	%100
31	M16	X	-.719	-.719	0	%100
32	M16	Z	0	0	0	%100
33	M17	X	-.863	-.863	0	%100
34	M17	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.%,]
35	M18	X	-9.3e-5	-9.3e-5	0	%100
36	M18	Z	0	0	0	%100
37	M19	X	-1.168	-1.168	0	%100
38	M19	Z	0	0	0	%100
39	M20	X	0	0	0	%100
40	M20	Z	0	0	0	%100
41	M21	X	-1.168	-1.168	0	%100
42	M21	Z	0	0	0	%100
43	M22	X	-1.168	-1.168	0	%100
44	M22	Z	0	0	0	%100
45	M23	X	-1.168	-1.168	0	%100
46	M23	Z	0	0	0	%100
47	M24	X	0	0	0	%100
48	M24	Z	0	0	0	%100
49	M25	X	0	0	0	%100
50	M25	Z	0	0	0	%100
51	M26	X	-1.168	-1.168	0	%100
52	M26	Z	0	0	0	%100
53	M27	X	-1.168	-1.168	0	%100
54	M27	Z	0	0	0	%100
55	M28	X	-1.168	-1.168	0	%100
56	M28	Z	0	0	0	%100
57	M29	X	-1.168	-1.168	0	%100
58	M29	Z	0	0	0	%100
59	M30	X	-1.168	-1.168	0	%100
60	M30	Z	0	0	0	%100
61	M31	X	0	0	0	%100
62	M31	Z	0	0	0	%100
63	M32	X	0	0	0	%100
64	M32	Z	0	0	0	%100
65	M33	X	-1.168	-1.168	0	%100
66	M33	Z	0	0	0	%100
67	MP1A	X	-.616	-.616	0	%100
68	MP1A	Z	0	0	0	%100
69	MP2A	X	-.616	-.616	0	%100
70	MP2A	Z	0	0	0	%100
71	MP3A	X	-.616	-.616	0	%100
72	MP3A	Z	0	0	0	%100
73	MP4A	X	-.616	-.616	0	%100
74	MP4A	Z	0	0	0	%100
75	MP1B	X	-.616	-.616	0	%100
76	MP1B	Z	0	0	0	%100
77	MP2B	X	-.616	-.616	0	%100
78	MP2B	Z	0	0	0	%100
79	MP3B	X	-.616	-.616	0	%100
80	MP3B	Z	0	0	0	%100
81	MP4B	X	-.616	-.616	0	%100
82	MP4B	Z	0	0	0	%100
83	MP1C	X	-.616	-.616	0	%100
84	MP1C	Z	0	0	0	%100
85	MP2C	X	-.616	-.616	0	%100
86	MP2C	Z	0	0	0	%100
87	MP3C	X	-.616	-.616	0	%100
88	MP3C	Z	0	0	0	%100
89	MP4C	X	-.616	-.616	0	%100
90	MP4C	Z	0	0	0	%100
91	M70	X	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, %]
92	M70	Z	0	0	0	%100
93	M71	X	-.56	-.56	0	%100
94	M71	Z	0	0	0	%100
95	M72	X	-.56	-.56	0	%100
96	M72	Z	0	0	0	%100
97	M97	X	-.718	-.718	0	%100
98	M97	Z	0	0	0	%100
99	M98	X	-.718	-.718	0	%100
100	M98	Z	0	0	0	%100
101	M99	X	0	0	0	%100
102	M99	Z	0	0	0	%100
103	M95	X	-1.173	-1.173	0	%100
104	M95	Z	0	0	0	%100
105	M97A	X	-1.219	-1.219	0	%100
106	M97A	Z	0	0	0	%100
107	M99A	X	-1.219	-1.219	0	%100
108	M99A	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	-.191	-.191	0	%100
2	M1	Z	-.11	-.11	0	%100
3	M2	X	-.764	-.764	0	%100
4	M2	Z	-.441	-.441	0	%100
5	M3	X	-.191	-.191	0	%100
6	M3	Z	-.11	-.11	0	%100
7	M4	X	-.595	-.595	0	%100
8	M4	Z	-.343	-.343	0	%100
9	M5	X	-.595	-.595	0	%100
10	M5	Z	-.343	-.343	0	%100
11	M6	X	0	0	0	%100
12	M6	Z	0	0	0	%100
13	M7	X	-.18	-.18	0	%100
14	M7	Z	-.104	-.104	0	%100
15	M8	X	-.18	-.18	0	%100
16	M8	Z	-.104	-.104	0	%100
17	M9	X	-.18	-.18	0	%100
18	M9	Z	-.104	-.104	0	%100
19	M10	X	-.18	-.18	0	%100
20	M10	Z	-.104	-.104	0	%100
21	M11	X	-.719	-.719	0	%100
22	M11	Z	-.415	-.415	0	%100
23	M12	X	-.719	-.719	0	%100
24	M12	Z	-.415	-.415	0	%100
25	M13	X	-.985	-.985	0	%100
26	M13	Z	-.569	-.569	0	%100
27	M14	X	-.198	-.198	0	%100
28	M14	Z	-.114	-.114	0	%100
29	M15	X	-.238	-.238	0	%100
30	M15	Z	-.137	-.137	0	%100
31	M16	X	-.821	-.821	0	%100
32	M16	Z	-.474	-.474	0	%100
33	M17	X	-.255	-.255	0	%100
34	M17	Z	-.147	-.147	0	%100
35	M18	X	-.212	-.212	0	%100
36	M18	Z	-.123	-.123	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.%]
37	M19	X	-.337	-.337	0	%100
38	M19	Z	-.195	-.195	0	%100
39	M20	X	-.337	-.337	0	%100
40	M20	Z	-.195	-.195	0	%100
41	M21	X	-1.349	-1.349	0	%100
42	M21	Z	-.779	-.779	0	%100
43	M22	X	-1.349	-1.349	0	%100
44	M22	Z	-.779	-.779	0	%100
45	M23	X	-.337	-.337	0	%100
46	M23	Z	-.195	-.195	0	%100
47	M24	X	-.337	-.337	0	%100
48	M24	Z	-.195	-.195	0	%100
49	M25	X	-.337	-.337	0	%100
50	M25	Z	-.195	-.195	0	%100
51	M26	X	-1.349	-1.349	0	%100
52	M26	Z	-.779	-.779	0	%100
53	M27	X	-.337	-.337	0	%100
54	M27	Z	-.195	-.195	0	%100
55	M28	X	-.337	-.337	0	%100
56	M28	Z	-.195	-.195	0	%100
57	M29	X	-1.349	-1.349	0	%100
58	M29	Z	-.779	-.779	0	%100
59	M30	X	-1.349	-1.349	0	%100
60	M30	Z	-.779	-.779	0	%100
61	M31	X	-.337	-.337	0	%100
62	M31	Z	-.195	-.195	0	%100
63	M32	X	-.337	-.337	0	%100
64	M32	Z	-.195	-.195	0	%100
65	M33	X	-.337	-.337	0	%100
66	M33	Z	-.195	-.195	0	%100
67	MP1A	X	-.534	-.534	0	%100
68	MP1A	Z	-.308	-.308	0	%100
69	MP2A	X	-.534	-.534	0	%100
70	MP2A	Z	-.308	-.308	0	%100
71	MP3A	X	-.534	-.534	0	%100
72	MP3A	Z	-.308	-.308	0	%100
73	MP4A	X	-.534	-.534	0	%100
74	MP4A	Z	-.308	-.308	0	%100
75	MP1B	X	-.534	-.534	0	%100
76	MP1B	Z	-.308	-.308	0	%100
77	MP2B	X	-.534	-.534	0	%100
78	MP2B	Z	-.308	-.308	0	%100
79	MP3B	X	-.534	-.534	0	%100
80	MP3B	Z	-.308	-.308	0	%100
81	MP4B	X	-.534	-.534	0	%100
82	MP4B	Z	-.308	-.308	0	%100
83	MP1C	X	-.534	-.534	0	%100
84	MP1C	Z	-.308	-.308	0	%100
85	MP2C	X	-.534	-.534	0	%100
86	MP2C	Z	-.308	-.308	0	%100
87	MP3C	X	-.534	-.534	0	%100
88	MP3C	Z	-.308	-.308	0	%100
89	MP4C	X	-.534	-.534	0	%100
90	MP4C	Z	-.308	-.308	0	%100
91	M70	X	-.162	-.162	0	%100
92	M70	Z	-.093	-.093	0	%100
93	M71	X	-.646	-.646	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, %]
94	M71	Z	-.373	-.373	0	%100
95	M72	X	-.162	-.162	0	%100
96	M72	Z	-.093	-.093	0	%100
97	M97	X	-.207	-.207	0	%100
98	M97	Z	-.12	-.12	0	%100
99	M98	X	-.829	-.829	0	%100
100	M98	Z	-.479	-.479	0	%100
101	M99	X	-.207	-.207	0	%100
102	M99	Z	-.12	-.12	0	%100
103	M95	X	-1.029	-1.029	0	%100
104	M95	Z	-.594	-.594	0	%100
105	M97A	X	-1.029	-1.029	0	%100
106	M97A	Z	-.594	-.594	0	%100
107	M99A	X	-1.069	-1.069	0	%100
108	M99A	Z	-.617	-.617	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	-.331	-.331	0	%100
2	M1	Z	-.573	-.573	0	%100
3	M2	X	-.331	-.331	0	%100
4	M2	Z	-.573	-.573	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	-.114	-.114	0	%100
8	M4	Z	-.198	-.198	0	%100
9	M5	X	-.458	-.458	0	%100
10	M5	Z	-.793	-.793	0	%100
11	M6	X	-.114	-.114	0	%100
12	M6	Z	-.198	-.198	0	%100
13	M7	X	-.311	-.311	0	%100
14	M7	Z	-.539	-.539	0	%100
15	M8	X	-.311	-.311	0	%100
16	M8	Z	-.539	-.539	0	%100
17	M9	X	0	0	0	%100
18	M9	Z	0	0	0	%100
19	M10	X	0	0	0	%100
20	M10	Z	0	0	0	%100
21	M11	X	-.311	-.311	0	%100
22	M11	Z	-.539	-.539	0	%100
23	M12	X	-.311	-.311	0	%100
24	M12	Z	-.539	-.539	0	%100
25	M13	X	-.432	-.432	0	%100
26	M13	Z	-.748	-.748	0	%100
27	M14	X	-4.7e-5	-4.7e-5	0	%100
28	M14	Z	-8.1e-5	-8.1e-5	0	%100
29	M15	X	-.422	-.422	0	%100
30	M15	Z	-.731	-.731	0	%100
31	M16	X	-.352	-.352	0	%100
32	M16	Z	-.609	-.609	0	%100
33	M17	X	-5.6e-5	-5.6e-5	0	%100
34	M17	Z	-9.7e-5	-9.7e-5	0	%100
35	M18	X	-.36	-.36	0	%100
36	M18	Z	-.623	-.623	0	%100
37	M19	X	0	0	0	%100
38	M19	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft,F...	Start Location[ft. %]	End Location[ft. %]
39	M20	X	-584	-584	0	%100
40	M20	Z	-1.012	-1.012	0	%100
41	M21	X	-584	-584	0	%100
42	M21	Z	-1.012	-1.012	0	%100
43	M22	X	-584	-584	0	%100
44	M22	Z	-1.012	-1.012	0	%100
45	M23	X	0	0	0	%100
46	M23	Z	0	0	0	%100
47	M24	X	-584	-584	0	%100
48	M24	Z	-1.012	-1.012	0	%100
49	M25	X	-584	-584	0	%100
50	M25	Z	-1.012	-1.012	0	%100
51	M26	X	-584	-584	0	%100
52	M26	Z	-1.012	-1.012	0	%100
53	M27	X	0	0	0	%100
54	M27	Z	0	0	0	%100
55	M28	X	0	0	0	%100
56	M28	Z	0	0	0	%100
57	M29	X	-584	-584	0	%100
58	M29	Z	-1.012	-1.012	0	%100
59	M30	X	-584	-584	0	%100
60	M30	Z	-1.012	-1.012	0	%100
61	M31	X	-584	-584	0	%100
62	M31	Z	-1.012	-1.012	0	%100
63	M32	X	-584	-584	0	%100
64	M32	Z	-1.012	-1.012	0	%100
65	M33	X	0	0	0	%100
66	M33	Z	0	0	0	%100
67	MP1A	X	-308	-308	0	%100
68	MP1A	Z	-534	-534	0	%100
69	MP2A	X	-308	-308	0	%100
70	MP2A	Z	-534	-534	0	%100
71	MP3A	X	-308	-308	0	%100
72	MP3A	Z	-534	-534	0	%100
73	MP4A	X	-308	-308	0	%100
74	MP4A	Z	-534	-534	0	%100
75	MP1B	X	-308	-308	0	%100
76	MP1B	Z	-534	-534	0	%100
77	MP2B	X	-308	-308	0	%100
78	MP2B	Z	-534	-534	0	%100
79	MP3B	X	-308	-308	0	%100
80	MP3B	Z	-534	-534	0	%100
81	MP4B	X	-308	-308	0	%100
82	MP4B	Z	-534	-534	0	%100
83	MP1C	X	-308	-308	0	%100
84	MP1C	Z	-534	-534	0	%100
85	MP2C	X	-308	-308	0	%100
86	MP2C	Z	-534	-534	0	%100
87	MP3C	X	-308	-308	0	%100
88	MP3C	Z	-534	-534	0	%100
89	MP4C	X	-308	-308	0	%100
90	MP4C	Z	-534	-534	0	%100
91	M70	X	-28	-28	0	%100
92	M70	Z	-485	-485	0	%100
93	M71	X	-28	-28	0	%100
94	M71	Z	-485	-485	0	%100
95	M72	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
96	M72	Z	0	0	0	%100
97	M97	X	0	0	0	%100
98	M97	Z	0	0	0	%100
99	M98	X	-.359	-.359	0	%100
100	M98	Z	-.622	-.622	0	%100
101	M99	X	-.359	-.359	0	%100
102	M99	Z	-.622	-.622	0	%100
103	M95	X	-.609	-.609	0	%100
104	M95	Z	-1.056	-1.056	0	%100
105	M97A	X	-.586	-.586	0	%100
106	M97A	Z	-1.015	-1.015	0	%100
107	M99A	X	-.609	-.609	0	%100
108	M99A	Z	-1.056	-1.056	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	M4	Y	-6.081	-6.081	1.077	2.814
2	M7	Y	-4.87	-4.87	1.771	2.76
3	M8	Y	-4.87	-4.87	0	.989
4	M13	Y	-4.776	-2.72	0	2.202
5	M13	Y	-2.72	-.665	2.202	4.404
6	M14	Y	-4.776	-2.72	0	2.202
7	M14	Y	-2.72	-.665	2.202	4.404
8	M5	Y	-6.081	-6.081	1.077	2.814
9	M9	Y	-4.87	-4.87	1.771	2.76
10	M10	Y	-4.87	-4.87	0	.989
11	M15	Y	-4.776	-2.72	0	2.202
12	M15	Y	-2.72	-.665	2.202	4.404
13	M16	Y	-4.776	-2.72	0	2.202
14	M16	Y	-2.72	-.665	2.202	4.404
15	M6	Y	-6.081	-6.081	1.077	2.814
16	M11	Y	-4.87	-4.87	1.771	2.76
17	M12	Y	-4.87	-4.87	0	.989
18	M17	Y	-4.776	-2.72	0	2.202
19	M17	Y	-2.72	-.665	2.202	4.404
20	M18	Y	-4.776	-2.72	0	2.202
21	M18	Y	-2.72	-.665	2.202	4.404

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	M4	Y	-14.804	-14.804	1.077	2.814
2	M7	Y	-11.859	-11.859	1.771	2.76
3	M8	Y	-11.859	-11.859	0	.989
4	M13	Y	-11.629	-6.624	0	2.202
5	M13	Y	-6.624	-1.619	2.202	4.404
6	M14	Y	-11.629	-6.624	0	2.202
7	M14	Y	-6.624	-1.619	2.202	4.404
8	M5	Y	-14.804	-14.804	1.077	2.814
9	M9	Y	-11.859	-11.859	1.771	2.76
10	M10	Y	-11.859	-11.859	0	.989
11	M15	Y	-11.629	-6.624	0	2.202
12	M15	Y	-6.624	-1.619	2.202	4.404
13	M16	Y	-11.629	-6.624	0	2.202
14	M16	Y	-6.624	-1.619	2.202	4.404
15	M6	Y	-14.804	-14.804	1.077	2.814
16	M11	Y	-11.859	-11.859	1.771	2.76

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.%]
17	M12	Y	-11.859	-11.859	0	.989
18	M17	Y	-11.629	-6.624	0	2.202
19	M17	Y	-6.624	-1.619	2.202	4.404
20	M18	Y	-11.629	-6.624	0	2.202
21	M18	Y	-6.624	-1.619	2.202	4.404

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	M4	Y	-.223	-.223	1.077	2.814
2	M7	Y	-.179	-.179	1.771	2.76
3	M8	Y	-.179	-.179	0	.989
4	M13	Y	-.175	-.1	0	2.202
5	M13	Y	-.1	-.024	2.202	4.404
6	M14	Y	-.175	-.1	0	2.202
7	M14	Y	-.1	-.024	2.202	4.404
8	M5	Y	-.223	-.223	1.077	2.814
9	M9	Y	-.179	-.179	1.771	2.76
10	M10	Y	-.179	-.179	0	.989
11	M15	Y	-.175	-.1	0	2.202
12	M15	Y	-.1	-.024	2.202	4.404
13	M16	Y	-.175	-.1	0	2.202
14	M16	Y	-.1	-.024	2.202	4.404
15	M6	Y	-.223	-.223	1.077	2.814
16	M11	Y	-.179	-.179	1.771	2.76
17	M12	Y	-.179	-.179	0	.989
18	M17	Y	-.175	-.1	0	2.202
19	M17	Y	-.1	-.024	2.202	4.404
20	M18	Y	-.175	-.1	0	2.202
21	M18	Y	-.1	-.024	2.202	4.404

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	M4	Z	-.558	-.558	1.077	2.814
2	M7	Z	-.447	-.447	1.771	2.76
3	M8	Z	-.447	-.447	0	.989
4	M13	Z	-.438	-.25	0	2.202
5	M13	Z	-.25	-.061	2.202	4.404
6	M14	Z	-.438	-.25	0	2.202
7	M14	Z	-.25	-.061	2.202	4.404
8	M5	Z	-.558	-.558	1.077	2.814
9	M9	Z	-.447	-.447	1.771	2.76
10	M10	Z	-.447	-.447	0	.989
11	M15	Z	-.438	-.25	0	2.202
12	M15	Z	-.25	-.061	2.202	4.404
13	M16	Z	-.438	-.25	0	2.202
14	M16	Z	-.25	-.061	2.202	4.404
15	M6	Z	-.558	-.558	1.077	2.814
16	M11	Z	-.447	-.447	1.771	2.76
17	M12	Z	-.447	-.447	0	.989
18	M17	Z	-.438	-.25	0	2.202
19	M17	Z	-.25	-.061	2.202	4.404
20	M18	Z	-.438	-.25	0	2.202
21	M18	Z	-.25	-.061	2.202	4.404

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.%]
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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.%]
1	M4	X	.558	.558	1.077	2.814
2	M7	X	.447	.447	1.771	2.76
3	M8	X	.447	.447	0	.989
4	M13	X	.438	.25	0	2.202
5	M13	X	.25	.061	2.202	4.404
6	M14	X	.438	.25	0	2.202
7	M14	X	.25	.061	2.202	4.404
8	M5	X	.558	.558	1.077	2.814
9	M9	X	.447	.447	1.771	2.76
10	M10	X	.447	.447	0	.989
11	M15	X	.438	.25	0	2.202
12	M15	X	.25	.061	2.202	4.404
13	M16	X	.438	.25	0	2.202
14	M16	X	.25	.061	2.202	4.404
15	M6	X	.558	.558	1.077	2.814
16	M11	X	.447	.447	1.771	2.76
17	M12	X	.447	.447	0	.989
18	M17	X	.438	.25	0	2.202
19	M17	X	.25	.061	2.202	4.404
20	M18	X	.438	.25	0	2.202
21	M18	X	.25	.061	2.202	4.404

Member Area Loads (BLC 39 : Structure D)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N17	N18	N19		Y	Two Way	-.005
2	N41	N42	N43		Y	Two Way	-.005
3	N61	N62	N63		Y	Two Way	-.005

Member Area Loads (BLC 40 : Structure Di)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N17	N18	N19		Y	Two Way	-.013
2	N41	N42	N43		Y	Two Way	-.013
3	N61	N62	N63		Y	Two Way	-.013

Member Area Loads (BLC 84 : Structure Ev)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N17	N18	N19		Y	Two Way	-.000191
2	N41	N42	N43		Y	Two Way	-.000191
3	N61	N62	N63		Y	Two Way	-.000191

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

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N17	N18	N19		Z	Two Way	-.000477
2	N41	N42	N43		Z	Two Way	-.000477
3	N61	N62	N63		Z	Two Way	-.000477

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

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N17	N18	N19		X	Two Way	.000477
2	N41	N42	N43		X	Two Way	.000477
3	N61	N62	N63		X	Two Way	.000477

Envelope Joint Reactions

	Joint		X [lb]	LC	Y [lb]	LC	Z [lb]	LC	MX [k-ft]	LC	MY [k-ft]	LC	MZ [k-ft]	LC
1	N4	max	2005.818	10	-161.035	7	-196.909	1	-1.156	7	2.456	4	.254	22
2		min	-2025.04	4	-1092.041	13	-2965.883	19	-1.063	13	-2.489	10	.073	4
3	N2	max	325.475	11	-142.527	3	2155.773	12	.721	21	2.4	12	.798	21
4		min	-2679.765	17	-1079.791	21	-1181.987	6	-.019	39	-2.428	6	.076	3
5	N3	max	2653.129	21	-152.748	11	2240.51	2	.34	17	2.44	8	-.169	11
6		min	-90.75	2	-1081.246	17	-1289.736	8	-.135	35	-2.459	2	-1.02	17
7	N162	max	46.157	10	3956.299	13	3126.926	13	0	75	0	75	0	75
8		min	-46.172	4	867.388	7	629.38	7	0	1	0	1	0	1
9	N165	max	2683.804	21	3921.398	21	-.294	3	0	75	0	75	0	75
10		min	509.297	3	815.744	3	-1549.516	21	0	1	0	1	0	1
11	N168	max	-530.287	11	3929.913	17	-306.188	11	0	75	0	75	0	75
12		min	-2689.712	17	846.084	11	-1552.907	17	0	1	0	1	0	1
13	Totals:	max	4413.432	10	8261.979	16	4427.33	1						
14		min	-4413.432	4	2155.348	73	-4427.329	7						

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

Member	Shape	Code C...	Loc[ft]	LC Shear ...	Loc[ft]	Dir	LC phi*Pnc [l...	phi*Pnt [lb]	phi*Mn y...	phi*Mn z...	Cb	Eqn
1	M1	PIPE 3.0	.126	4.427	47 .056	11.198	15	28250.554	65205	5.749	5.749	2... H1-1b
2	M2	PIPE 3.0	.107	9.115	15 .056	11.198	19	28250.554	65205	5.749	5.749	1... H1-1b
3	M3	PIPE 3.0	.111	9.115	19 .057	11.198	23	28250.554	65205	5.749	5.749	1... H1-1b
4	M4	HSS4X4X4	.321	1.996	13 .103	1.996 y	23	97901.33	106155	12.311	12.311	1... H1-1b
5	M5	HSS4X4X4	.318	1.996	21 .101	1.996 y	19	97901.33	106155	12.311	12.311	1... H1-1b
6	M6	HSS4X4X4	.319	1.996	17 .101	1.996 y	15	97901.33	106155	12.311	12.311	1... H1-1b
7	M7	L3X2.5X3	.552	2.76	13 .091	.518 y	6	25268.667	32400	.952	2.298	1... H2-1
8	M8	L3X2.5X3	.513	0	15 .115	2.243 y	2	25268.667	32400	.952	2.298	1... H2-1
9	M9	L3X2.5X3	.550	2.76	21 .091	.518 y	2	25268.667	32400	.952	2.298	1... H2-1
10	M10	L3X2.5X3	.508	0	23 .113	2.243 y	10	25268.667	32400	.952	2.298	1... H2-1
11	M11	L3X2.5X3	.555	2.76	17 .090	.518 y	10	25268.667	32400	.952	2.298	1... H2-1
12	M12	L3X2.5X3	.509	0	19 .114	2.243 y	6	25268.667	32400	.952	2.298	1... H2-1
13	M13	L3X2.5X3	.127	4.404	24 .016	4.404 y	22	18851	32400	.952	2.057	1... H2-1
14	M14	L3X2.5X3	.156	3.899	14 .017	4.404 z	20	18851	32400	.928	2.093	1... H2-1
15	M15	L3X2.5X3	.122	4.404	19 .016	4.404 y	18	27239.52	32400	.952	2.058	1... H2-1
16	M16	L3X2.5X3	.155	3.899	22 .017	4.404 z	16	18851	32400	.928	2.093	1... H2-1
17	M17	L3X2.5X3	.126	4.404	16 .016	4.404 y	14	18851	32400	.952	2.057	1... H2-1
18	M18	L3X2.5X3	.156	3.899	18 .017	4.404 z	24	18851	32400	.928	2.093	1... H2-1
19	M19	PL3/8x6	.061	.292	9 .411	.292 y	24	68943.028	72900	.57	9.113	2... H1-1b
20	M20	PL3/8x6	.152	.531	2 .305	.531 y	23	34760.843	72900	.57	9.113	1... H1-1b
21	M21	PL3/8x6	.042	0	12 .284	0 y	15	68943.028	72900	.57	9.113	1... H1-1b
22	M22	PL3/8x6	.061	.292	5 .404	.292 y	20	68943.028	72900	.57	9.113	2... H1-1b
23	M23	PL3/8x6	.149	.531	10 .301	.531 y	19	34760.843	72900	.57	9.113	1... H1-1b
24	M24	PL3/8x6	.041	0	8 .284	0 y	22	68943.028	72900	.57	9.113	1... H1-1b
25	M25	PL3/8x6	.061	.292	1 .403	.292 y	15	68943.028	72900	.57	9.113	2... H1-1b
26	M26	PL3/8x6	.150	.531	6 .302	.531 y	15	34760.843	72900	.57	9.113	1... H1-1b
27	M27	PL3/8x6	.041	0	4 .287	0 y	19	68943.028	72900	.57	9.113	2... H1-1b
28	M28	PL3/8x6	.213	0	4 .038	0 y	15	68943.028	72900	.57	9.113	1... H1-1b
29	M29	PL3/8x6	.198	0	10 .036	0 y	23	68943.028	72900	.57	9.113	2... H1-1b
30	M30	PL3/8x6	.209	0	12 .038	0 y	23	68943.028	72900	.57	9.113	1... H1-1b
31	M31	PL3/8x6	.194	0	6 .036	0 y	19	68943.028	72900	.57	9.113	2... H1-1b
32	M32	PL3/8x6	.211	0	8 .038	0 y	19	68943.028	72900	.57	9.113	1... H1-1b
33	M33	PL3/8x6	.196	0	2 .037	0 y	15	68943.028	72900	.57	9.113	2... H1-1b
34	MP1A	PIPE 2.0	.251	3.313	15 .054	1.688	3	20866.733	32130	1.872	1.872	2... H1-1b
35	MP2A	PIPE 2.0	.259	3.375	1 .062	3.313	2	20866.733	32130	1.872	1.872	2... H1-1b
36	MP3A	PIPE 2.0	.248	3.313	11 .054	1.938	8	20866.733	32130	1.872	1.872	1... H1-1b
37	MP4A	PIPE 2.0	.256	3.313	22 .061	3.313	11	20866.733	32130	1.872	1.872	2... H1-1b

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

	Member	Shape	Code C...	Loc[ft]	LC Shear ...	Loc[ft]	Dir	LC	phi*Pnc [l...	phi*Pnt [lb]	phi*Mn y...	phi*Mn z...	Cb	Eqn	
38	MP1B	PIPE 2.0	.251	3.313	19	.053	1.688	6	20866.733	32130	1.872	1.872	2...	H1-1b	
39	MP2B	PIPE 2.0	.259	3.375	5	.062	3.313	6	20866.733	32130	1.872	1.872	1...	H1-1b	
40	MP3B	PIPE 2.0	.258	3.313	3	.051	1.938	12	20866.733	32130	1.872	1.872	2...	H1-1b	
41	MP4B	PIPE 2.0	.257	3.313	15	.065	3.313	3	20866.733	32130	1.872	1.872	1...	H1-1b	
42	MP1C	PIPE 2.0	.256	3.313	23	.058	1.688	10	20866.733	32130	1.872	1.872	1...	H1-1b	
43	MP2C	PIPE 2.0	.259	3.375	9	.067	3.313	10	20866.733	32130	1.872	1.872	1...	H1-1b	
44	MP3C	PIPE 2.0	.260	3.313	7	.056	3.313	8	20866.733	32130	1.872	1.872	2...	H1-1b	
45	MP4C	PIPE 2.0	.261	3.313	18	.065	3.313	7	20866.733	32130	1.872	1.872	2...	H1-1b	
46	M70	PIPE 2.5	.124	4.427	46	.057	10.938	18	14558.792	50715	3.596	3.596	2...	H1-1b	
47	M71	PIPE 2.5	.112	1.823	14	.058	10.938	22	14558.792	50715	3.596	3.596	2...	H1-1b	
48	M72	PIPE 2.5	.114	1.823	18	.059	10.938	14	14558.792	50715	3.596	3.596	2...	H1-1b	
49	M97	L3X3X4	.175	0	5	.016	0	y	6	41445.359	46656	1.688	3.756	2...	H2-1
50	M98	L3X3X4	.170	0	1	.017	0	y	2	41445.359	46656	1.688	3.756	2...	H2-1
51	M99	L3X3X4	.197	0	9	.017	0	y	9	41445.359	46656	1.688	3.756	2...	H2-1
52	M95	LL3x3x3x3	.049	2.401	17	.002	0	y	7	47738.519	70632	5.543	3.751	1...	H1-1b
53	M97A	LL3x3x3x3	.049	2.401	17	.002	0	y	3	47738.519	70632	5.543	3.751	1...	H1-1b
54	M99A	LL3x3x3x3	.049	2.401	13	.002	0	y	11	47738.519	70632	5.543	3.751	1...	H1-1b

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) :

7

d_y (in) (Delta Y of typ. bolt config. sketch) :

7

Bolt Type:

A325N

Bolt Diameter (in):

0.5

Required Tensile Strength / bolt (kips):

2.2

Required Shear Strength / bolt (kips):

0.6

Tensile Capacity / bolt (kips):

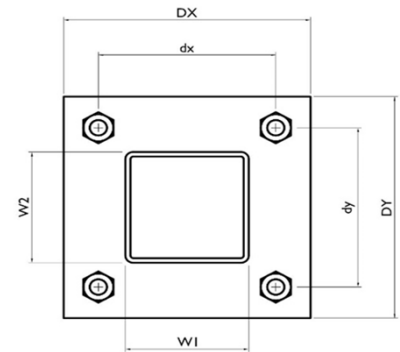
13.3

Shear Capacity / bolt (kips):

8.0

Bolt Overall Utilization:

16.5%



Tower Connection Baseplate Checks

Yes

Connecting Standoff Member Shape:

Rect Tube

Weld Stiffener Configuration:

No Stiffeners

Plate Width, D_x (in):

10

Plate Height, D_y (in):

10

W_1 (in):

4

W_2 (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):

0.5

Length of Yield Line, L_y (in):

7.75

Bolt Eccentricity, e (in):

2.35

M_u (kip-in):

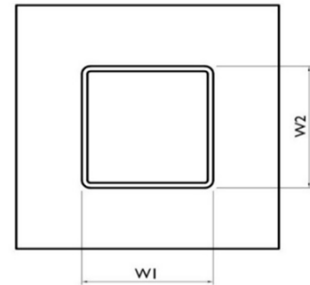
5.15

$\Phi * M_n$ (kip-in):

15.69

Plate Bending Utilization:

32.8%



Tower Connection Weld Checks

Weld Shape:
Weld Stiffener Configuration:
Stiffener Notch Length, n (in):
Weld Size (1/16 in):
W1 (in):
W2 (in):
Weld Total Length (in):
 Z_x (in³/in):
 Z_y (in³/in):
 J_p (in⁴/in):
 c_x (in):
 c_y (in):
Required combined strength (kip/in):
Weld Capacity (kip/in):
Weld Utilization:

Yes
Rectangle
None
3
4
4
16.00
21.33
21.33
85.33
2.25
2.25
1.08
4.18
25.8%

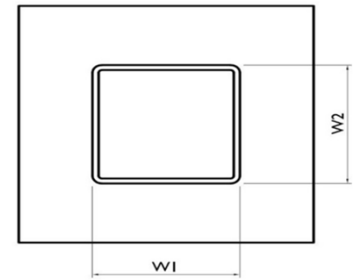


EXHIBIT 5





Non-Ionizing Electromagnetic Radiation (NIER) Study

Site Number:

302489

Site Name:

ENFD - Enfield

Location:

Enfield, Connecticut

Tenants:

AT&T Mobility, T-Mobile, SPOK Holdings, Inc., & Verizon Wireless

Prepared For:

American Tower, Inc.
Woburn, Massachusetts

October 20th, 2023

68085 P-408691

Prepared By:

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

Approved By:

10/24/23



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TOWER ENGINEERING PROFESSIONALS

RALIEGH, NORTH CAROLINA



Non-Ionizing Electromagnetic Radiation (NIER) Study

302489 ENFD - Enfield

Enfield, 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 302489 ENFD - Enfield is located at 77 Town Farm Rd., in Enfield, Connecticut at coordinates 41.965914, -72.552682. The support structure is 151' monopole. An aerial view of the tower can be found in Appendix 1, Site Photos. The tenants are AT&T Mobility (AT&T), SPOK Holdings, Inc. (SPOK), T-Mobile (T-Mobile), & Verizon Wireless (VZW). A table listing all antennae and effective radiated power (ERP) levels that were used in this study may be found in Appendix 2, Antenna Inventory.

POWER DENSITY CALCULATIONS

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

For the purpose of this study, a radius of 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.



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

- ATC furnished data and does not include other unidentified communication facilities.
- Load List at Load List at 302489 ENFD - Enfield.RF NIER Study 10/05/23.
- FCC databases.
- Carrier standard configurations.
- Empirical data collected by TEP.

SITE MITIGATION & CONTROL

In order to comply with FCC, tenant, & ATC requirements, TEP recommends the placement of signage at the base of the tower and all compound access points to alert workers of potential exposure to RF fields while working on or near the antennae.

TEP recommends that all personnel working on this tower be trained in RF safety procedures and carry a personal RF monitor at all times.

COMPLIANCE DETERMINATION

This installation **IS** in compliance with current FCC MPE limits as described in FCC OET-65.

APPENDIX 1 Site Photos



Aerial View of Site



Appendix 2 .1 Antenna Inventory

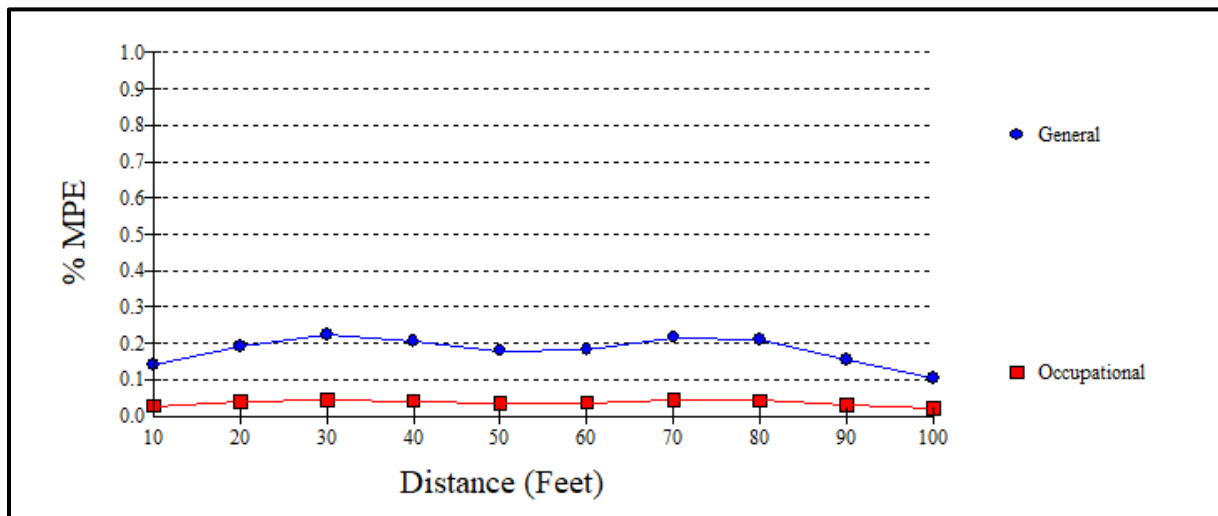
302489 ENFD - Enfield							
Antenna Inventory							
Antenna #	Carrier	Antenna Manufacturer	Antenna Model	Frequency Band (MHz)	Azimuth (°)	Effective Radiated Power (W)	Radiation Center (ft)
1	SPOK	Decible	DB809KE-SY	800/900	000	3926	162.0
2	SPOK	Decible	DB809KE-SY	800/900	000	3926	157.1
3	AT&T	Ericsson	Air 6449	3700-3900	023	71639	153.0
4	AT&T	Ericsson	Air 6449	3700-3900	143	71639	153.0
5	AT&T	Ericsson	Air 6449	3700-3900	263	71639	153.0
6	AT&T	Ericsson	Air 6419	3700-3900	023	71639	149.0
7	AT&T	Ericsson	Air 6419	3700-3900	143	71639	149.0
8	AT&T	Ericsson	Air 6419	3700-3900	263	71639	149.0
9	AT&T	CCI	TPA65R-BU8D	3700-3900	023	11537	151.0
10	AT&T	CCI	TPA65R-BU8D	3700-3900	143	11537	151.0
11	AT&T	CCI	TPA65R-BU8D	3700-3900	263	11537	151.0
12	AT&T	CCI	DMP65R-BU8D	3700-3900	023	11806	151.0
13	AT&T	CCI	DMP65R-BU8D	3700-3900	143	11806	151.0
14	AT&T	CCI	DMP65R-BU8D	3700-3900	263	11806	151.0
15	AT&T	Ericsson	Air 6419	3700-3900	010	71639	149.0
16	AT&T	Ericsson	Air 6419	3700-3900	130	71639	149.0
17	AT&T	Ericsson	Air 6419	3700-3900	250	71639	149.0
18	T-Mobile	RFS	APXVAALL24	600/1900/2100	010	23200	140.0
19	T-Mobile	RFS	APXVAALL24	600/1900/2100	130	23200	140.0
20	T-Mobile	RFS	APXVAALL24	600/1900/2100	250	23200	140.0



Appendix 2 .2 Antenna Inventory

302489 ENFD - Enfield							
Antenna Inventory							
Antenna #	Carrier	Antenna Manufacturer	Antenna Model	Frequency Band (MHz)	Azimuth (°)	Effective Radiated Power (W)	Radiation Center (ft)
21	T-Mobile	RFS	APX16DWV	2100	010	7000	140.0
22	T-Mobile	RFS	APX16DWV	2100	130	7000	140.0
23	T-Mobile	RFS	APX16DWV	2100	250	7000	140.0
24	Verizon	Samsung	MT6407	3700/3800/3900	030	18286	130.0
25	Verizon	Samsung	MT6407	3700/3800/3900	150	18286	130.0
26	Verizon	Samsung	MT6407	3700/3800/3900	270	18286	130.0
27	Verizon	Commscope	NHH-65B-R2B	700/800/1900/2100	030	16690	130.0
28	Verizon	Commscope	NHH-65B-R2B	700/800/1900/2100	150	16690	130.0
29	Verizon	Commscope	NHH-65B-R2B	700/800/1900/2100	270	16690	130.0
30	Verizon	Commscope	NHH-65B-R2B	700/800/1900/2100	030	16690	130.0
31	Verizon	Commscope	NHH-65B-R2B	700/800/1900/2100	150	16690	130.0
32	Verizon	Commscope	NHH-65B-R2B	700/800/1900/2100	270	16690	130.0
33	Verizon	Amphenol	BXA-80080-6CF	800	030	15310	130.0
34	Verizon	Amphenol	BXA-80080-6CF	800	150	15310	130.0
35	Verizon	Amphenol	BXA-80080-6CF	800	270	15310	130.0
36	Verizon	Amphenol	BXA-70063	800	002	15310	127.7
37	Verizon	Amphenol	BXA-70063	800	097	15310	127.7
38	Verizon	Amphenol	BXA-70063	800	244	15310	127.7
39	SPOK	Channel Master	Type 120	4000/10000	201	386420	59.6

Appendix 3.1 MPE Limit Study



Maximum Power Density (@30'):	0.0014 mW/cm ²
General Population MPE (@30'):	0.2240%
Occupational MPE (@30'):	0.0448%

Appendix 3.2 MPE Limit Study





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.



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.



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.

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

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.



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



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.



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



AN APPLICATION SUBMITTED BY THE SOUTHERN : CONNECTICUT SITING
NEW ENGLAND TELEPHONE COMPANY FOR A
CERTIFICATE OF ENVIRONMENTAL COMPATIBILITY :
AND PUBLIC NEED FOR THE CONSTRUCTION, : COUNCIL
MAINTENANCE, AND OPERATION OF FACILITIES
TO PROVIDE CELLULAR SERVICE IN HARTFORD :
AND MIDDLESEX COUNTIES. : September 26, 1985

D E C I S I O N A N D O R D E R

Pursuant to the foregoing opinion, the Council hereby directs that a certificate of environmental compatibility and public need as required by section 16-50k of the General Statutes of Connecticut be issued to Southern New England Telephone Company (SNET) for the construction, operation, and maintenance of a telecommunications tower and associated equipment building to provide cellular service at sites in Old Saybrook and Enfield, Connecticut.

The facilities shall be constructed, operated, and maintained as specified in this matter, and subject to the following conditions:

1. The towers shall be no taller than necessary to provide the proposed service, and in no event shall exceed
 - a) 150' at the Old Saybrook site; and
 - b) 150' at the Enfield site;
2. A fence not lower than eight feet shall surround each tower and its associated equipment building;
3. The applicant or its successor shall notify the Council if and when directional antennas or any other equipment is added to any of these facilities;
4. The applicant or its successor shall permit, in accordance with representations made by it during the proceeding, public or private entities to share space on the facilities, for due

consideration received, or shall provide any requesting entity with specific legal, technical, environmental, or economic reasons precluding such tower sharing;

5. The facilities shall be constructed in accordance with all applicable federal, state, and municipal laws and regulations;
6. The applicant shall submit a development and management plan (D&M) for the Old Saybrook site pursuant to sections 16-50j-75 through 16-50j-77 of the regulations of state agencies, except that irrelevant items in section 16-50j-76 need only be identified as such. The D&M plan shall include erosion control measures, reseeding plans, and tree removal plans. The applicant shall comply with the reporting requirements of section 16-50j-77 for both sites;
7. Construction activities shall take place during daylight working hours;
8. This decision and order shall be void and the towers and associated equipment approved herein shall be dismantled and removed, or reapplication for any new use shall be made to the Connecticut Siting Council before any such new use is made, if the towers do not provide or permanently cease to provide cellular service following completion of construction;
9. This decision and order shall be void if all construction authorized is not completed within three years of the issuance of this decision.

Pursuant to section 16-50p of the General Statutes, we hereby direct that a copy of the opinion and decision and order be served on each person listed below. A notice of the issuance shall be published in the

Hartford Courant, the Middletown Press, and the Old Saybrook Pictorial.

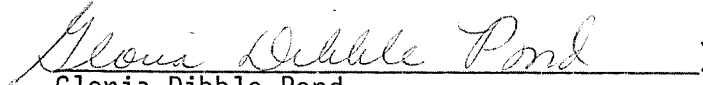
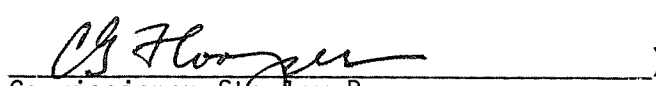
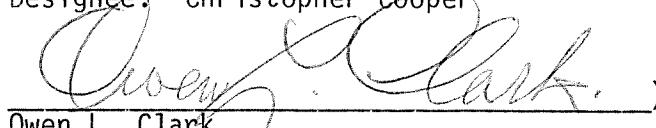
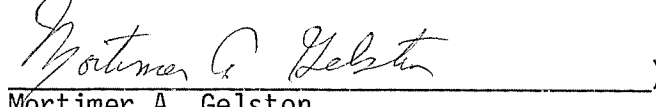
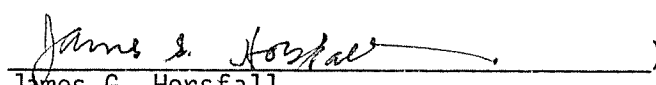
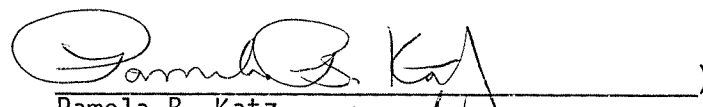
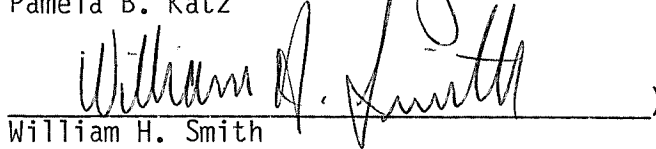
The parties to this proceeding are

Southern New England Telephone Company	(Applicant)
227 Church Street	
New Haven, Connecticut 06506	
Attn: Peter J. Tyrrell	
Senior Attorney	
Room 314	

C E R T I F I C A T I O N

The undersigned members of the Connecticut Siting Council hereby certify that they have heard this case or read the record thereof, and that we voted as follows:

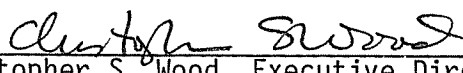
Dated at New Britain, Connecticut, this 26th day of September, 1985.

<u>Council Members</u>	<u>Vote Cast</u>
 Gloria Dibble Pond Chairperson	Yes
 Commissioner John Downey Designee: Commissioner Peter G. Boucher	Absent
 Commissioner Stanley Pac Designee: Christopher Cooper	Yes
 Owen L. Clark	Yes
 Mortimer A. Gelston	Yes
 James G. Horsfall	Yes
 Pamela B. Katz	Yes
 William H. Smith	Yes
 Colin C. Tait	Absent

STATE OF CONNECTICUT)
 :
COUNTY OF HARTFORD) ss. New Britain, September 26, 1985

I hereby certify that the foregoing is a true and correct copy of the decision and order issued by the Connecticut Siting Council, State of Connecticut.

ATTEST:

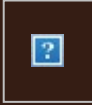


Christopher S. Wood, Executive Director
Connecticut Siting Council

EXHIBIT 7



From: [UPS](#)
To: [Barbara Kassabian](#)
Subject: UPS Delivery Notification, Tracking Number 1Z9Y45030313320947
Date: Tuesday, October 31, 2023 11:07:37 AM



Hello, your package has been delivered.

Delivery Date: Tuesday, 10/31/2023

Delivery Time: 11:06 AM

Left At: DOCK

Signed by: WEBSTER

CENTERLINE SITE ACQUISITION

Tracking Number:	1Z9Y45030313320947
Ship To:	AMERICAN TOWER 10 PRESIDENTIAL WAY WOBURN, MA 018011053 US
Number of Packages:	1
UPS Service:	UPS Ground
Package Weight:	1.0 LBS
Reference Number:	14519765

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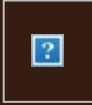
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From: [UPS](#)
To: [Barbara Kassabian](#)
Subject: UPS Delivery Notification, Tracking Number 1Z9Y45030306931934
Date: Tuesday, October 31, 2023 10:13:00 AM



Hello, your package has been delivered.

Delivery Date: Tuesday, 10/31/2023

Delivery Time: 10:11 AM

Signed by: CHRISTINE

CENTERLINE SITE ACQUISITION

Tracking Number:	1Z9Y45030306931934
Ship To:	LAUREN WHITTEN 820 ENFIELD STREET ENFIELD, CT 060822964 US
Number of Packages:	1
UPS Service:	UPS Ground
Package Weight:	1.0 LBS
Reference Number:	14519765

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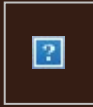
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To: [Barbara Kassabian](#)
Subject: UPS Delivery Notification, Tracking Number 1Z9Y45030317944927
Date: Tuesday, October 31, 2023 10:13:04 AM



Hello, your package has been delivered.

Delivery Date: Tuesday, 10/31/2023

Delivery Time: 10:11 AM

Signed by: CHRISTINE

CENTERLINE SITE ACQUISITION

Tracking Number:	1Z9Y45030317944927
Ship To:	ELLEN ZOPPO-SASSU 820 ENFIELD STREET ENFIELD, CT 060822964 US
Number of Packages:	1
UPS Service:	UPS Ground
Package Weight:	1.0 LBS
Reference Number:	14519765

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