

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

October 13, 2023

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

RE: Notice of Exempt Modification // Site: VERNON 3 CT (ATC: 302529)
777 Talcotville Road, Vernon, CT 06066
N 41.863488 // W -72.483298

Dear Ms. Bachman,

Cellco Partnership d/b/a Verizon Wireless currently maintains fifteen (15) antenna at the 150-ft level on the existing 160ft Tower, located at 777 Talcotville Road, Vernon, CT. The tower is owned by American Tower. Verizon Wireless proposed modification involves the installation of four (4) interference mitigation filters on Verizon Wireless existing antenna platform and mounting assembly.

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

The planned modifications to the facility fall squarely within those activities explicitly provided for in R.C.S.A. § 16-50j-72(b)(2). Enclosed to accommodate this filing are construction drawings dated September 28, 2023, by A.T Engineering Services, LLC, a structural analysis dated September 21, 2023, by American Tower Corp., and a structural mount analysis by Colliers Engineering and Design dated August 3, 2023, and Non-Ionizing Electromagnetic Radiation (NIER) Study dated August 24, 2023, by Tower Engineering Professionals.

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

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

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

Sincerely,

Derek Maheux

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

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

cc: Daniel A. Champagne – Mayor – Chief Elected Official
 Ashley Stephens– Town Planner - as P&Z official
 American Tower Corporation - as tower owner
 777 Realty LLC – as ground owner

EXHIBIT 1





COMPLIANCE CODE		PROJECT SUMMARY		PROJECT DESCRIPTION	SHEET INDEX				
ALL WORK SHALL BE PERFORMED AND MATERIALS INSTALLED IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE FOLLOWING CODES AS ADOPTED BY THE LOCAL GOVERNMENT AUTHORITIES. NOTHING IN THESE PLANS IS TO BE CONSTRUED TO PERMIT WORK NOT CONFORMING TO THESE CODES. 1. 2020 NFPA 70, NATIONAL ELECTRIC CODE (NEC) 2. 2022 CONNECTICUT STATE BUILDING CODE 3. 2021 INTERNATIONAL BUILDING CODE (IBC) <u>DESIGN CRITERIA FROM TOWER STRUCTURAL ANALYSIS:</u> BASIC WIND SPEED: 118 mph (3-SECOND GUST) BASIC WIND SPEED W/ ICE: 50 mph (3-SECOND GUST) W/ 1.50" RADIAL ICE CONCURRENT CODE(S): ANSI/TIA-222-H / 2021 IBC / 2022 CONNECTICUT STATE BUILDING CODE EXPOSURE CATEGORY: B RISK CATEGORY: II TOPO FACTOR PROCEDURE: METHOD 1 TOPOGRAPHIC CATEGORY: 1 FEATURE: N/A SPECTRAL RESPONSE: S_s=0.18, S_i=0.06 SITE CLASS: D - STIFF SOIL - DEFAULT INFORMATION TAKEN FROM STRUCTURAL ANALYSIS COMPLETED BY ATC, DATED 09/21/23.		<u>SITE ADDRESS:</u> 777 TALCOTVILLE RD VERNON ROCKVILLE, CT 06066 COUNTY: TOLLAND <u>GEOGRAPHIC COORDINATES:</u> LATITUDE: 41° 51' 48.555" N LONGITUDE: 72° 28' 59.871" W GROUND ELEVATION: 236' AMSL		THE PROPOSED PROJECT INCLUDES MODIFYING GROUND BASED AND TOWER MOUNTED EQUIPMENT AS INDICATED PER BELOW: <u>TOWER WORK:</u> INSTALL (4) FILTER(s) EXISTING (15) ANTENNA(s), (6) RRH(s), (2) OVP(s), (12) 1-5/8" COAX, AND (2) 1-5/8" HYBRID CABLE(s) TO REMAIN	SHEET NO:	DESCRIPTION:	REV:	DATE:	BY:
		G-001	TITLE SHEET		0	09/28/23	VAR		
		G-002	GENERAL NOTES		0	09/28/23	VAR		
		C-101	DETAILED SITE PLAN		0	09/28/23	VAR		
		C-201	TOWER ELEVATION		0	09/28/23	VAR		
		C-401	ANTENNA INFORMATION & SCHEDULE		0	09/28/23	VAR		
		C-501	CONSTRUCTION DETAILS		0	09/28/23	VAR		
		E-501	GROUNDING DETAILS		0	09/28/23	VAR		
		R-601	SUPPLEMENTAL						
PROJECT TEAM		1. THE FACILITY IS UNMANNED. 2. A TECHNICIAN WILL VISIT THE SITE APPROXIMATELY ONCE A MONTH FOR ROUTINE INSPECTION AND MAINTENANCE. 3. THE PROJECT WILL NOT RESULT IN ANY SIGNIFICANT LAND DISTURBANCE OR EFFECT OF STORM WATER DRAINAGE. 4. NO SANITARY SEWER, POTABLE WATER OR TRASH DISPOSAL IS REQUIRED. 5. HANDICAP ACCESS IS NOT REQUIRED. 6. THE PROJECT DEPICTED IN THESE PLANS QUALIFIES AS AN ELIGIBLE FACILITIES REQUEST ENTITLED TO EXPEDITED REVIEW UNDER 47 U.S.C. § 1455(A) AS A MODIFICATION OF AN EXISTING WIRELESS TOWER THAT INVOLVES THE COLLOCATION, REMOVAL, AND/OR REPLACEMENT OF TRANSMISSION EQUIPMENT THAT IS NOT A SUBSTANTIAL CHANGE UNDER CFR § 1.61000 (B)(7).	PROJECT NOTES						
<u>TOWER OWNER:</u> AMERICAN TOWER 10 PRESIDENTIAL WAY WOBURN, MA 01801 <u>ENGINEER:</u> ATC TOWER SERVICES, LLC 3500 REGENCY PKWY STE 100 CARY, NC 27518 <u>PROPERTY OWNER:</u> 777 REALTY LLC 777 TALCOTVILLE RD VERNON ROCKVILLE, CT 06066			<u>APPLICANT:</u> VERIZON WIRELESS						
			CONTRACTOR PMI REQUIREMENTS						
UTILITY COMPANIES									
POWER COMPANY: EVERSOURCE PHONE: (877) 659-6326 TELEPHONE COMPANY: FRONTIER COMMUNICATIONS PHONE: (800) 376-6843									
									

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 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 NEGLIGENCE ON THE PART OF THIS CONTRACTOR OR HIS REPRESENTATIVES, OR BY THE ELEMENTS DUE TO NEGLIGENCE 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.



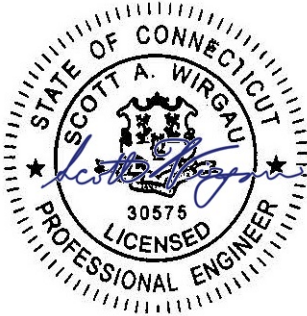
AMERICAN TOWER®
A.T. ENGINEERING SERVICES LLC
3500 REGENCY PARKWAY
SUITE 100
CARY, NC 27518
PHONE: (919) 468-0112
PEC.0001553

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	VAR	09/28/23

ATC SITE NUMBER:
302529
ATC SITE NAME:
VERNON CT 6
VERIZON SITE NAME:
VERNON 3 CT
SITE ADDRESS:
777 TALCOTVILLE RD
VERNON ROCKVILLE, CT 06066

SEAL:



Digitally Signed: 2023-09-28



ATC JOB NO:	14519509_G0
CUSTOMER ID:	VERNON 3 CT
CUSTOMER #:	5000243787

GENERAL NOTES

SHEET NUMBER: G-002	REVISION: 0
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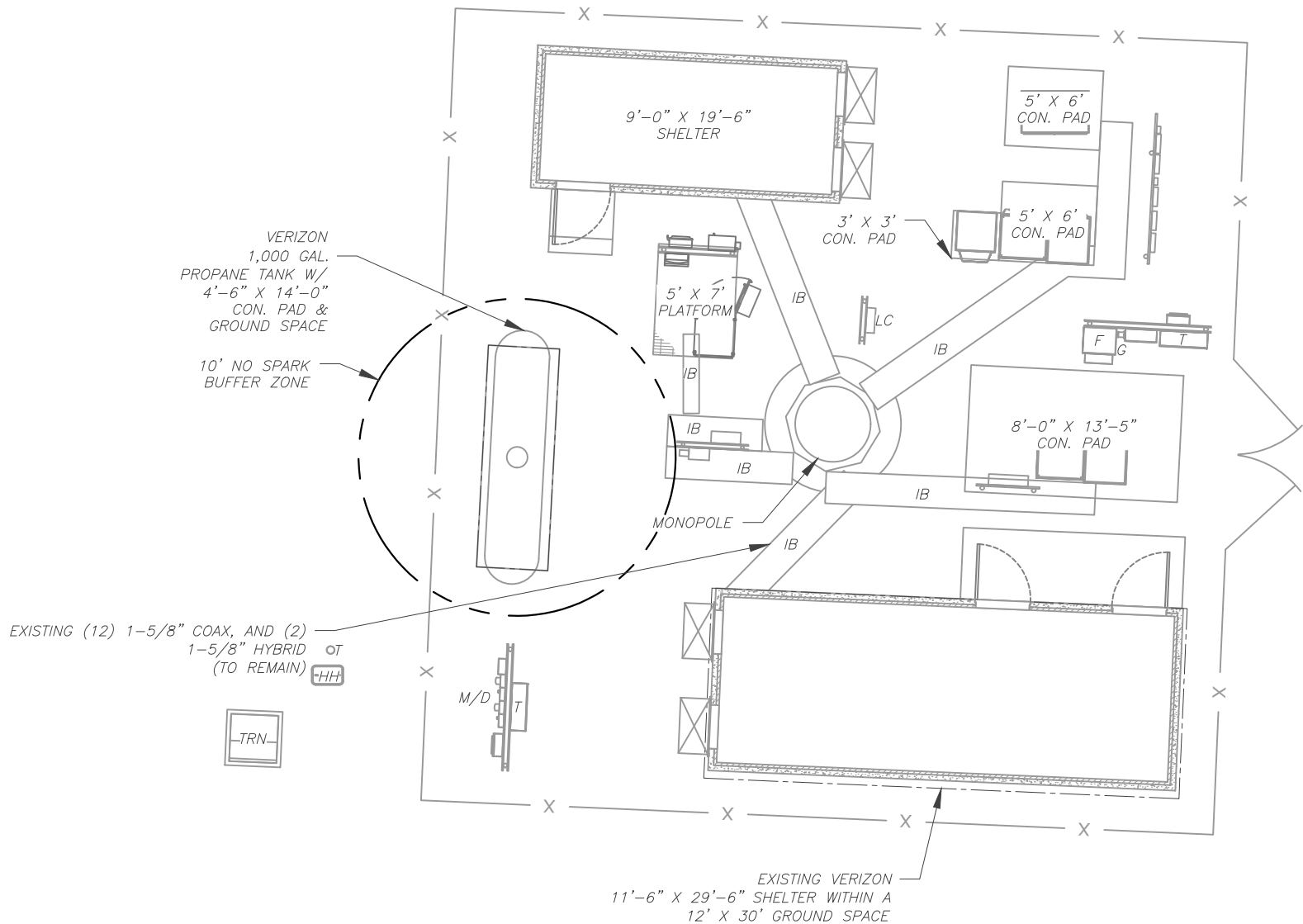
SITE PLAN NOTES:

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.

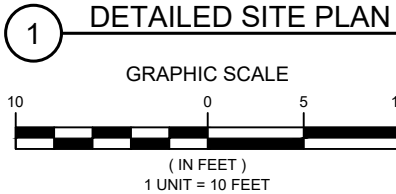
ICE BRIDGE, CABLE LADDER, COAX PORT, AND COAX CABLE ARE SHOWN FOR REFERENCE ONLY. CONTRACTOR SHALL CONFIRM THE EXACT LOCATION OF ALL PROPOSED AND EXISTING EQUIPMENT AND STRUCTURES DEPICTED ON THIS PLAN. BEFORE UTILIZING EXISTING CABLE SUPPORTS, COAX PORTS, INSTALLING NEW PORTS OR ANY OTHER EQUIPMENT, 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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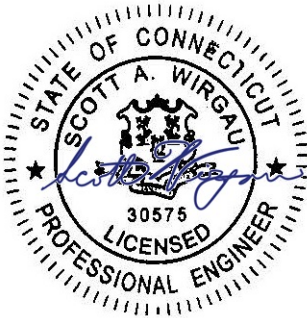
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REV.	DESCRIPTION	BY	DATE
0	FOR CONSTRUCTION	VAR	09/28/23
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2			
3			
4			

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VERIZON SITE NAME:
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SEAL:



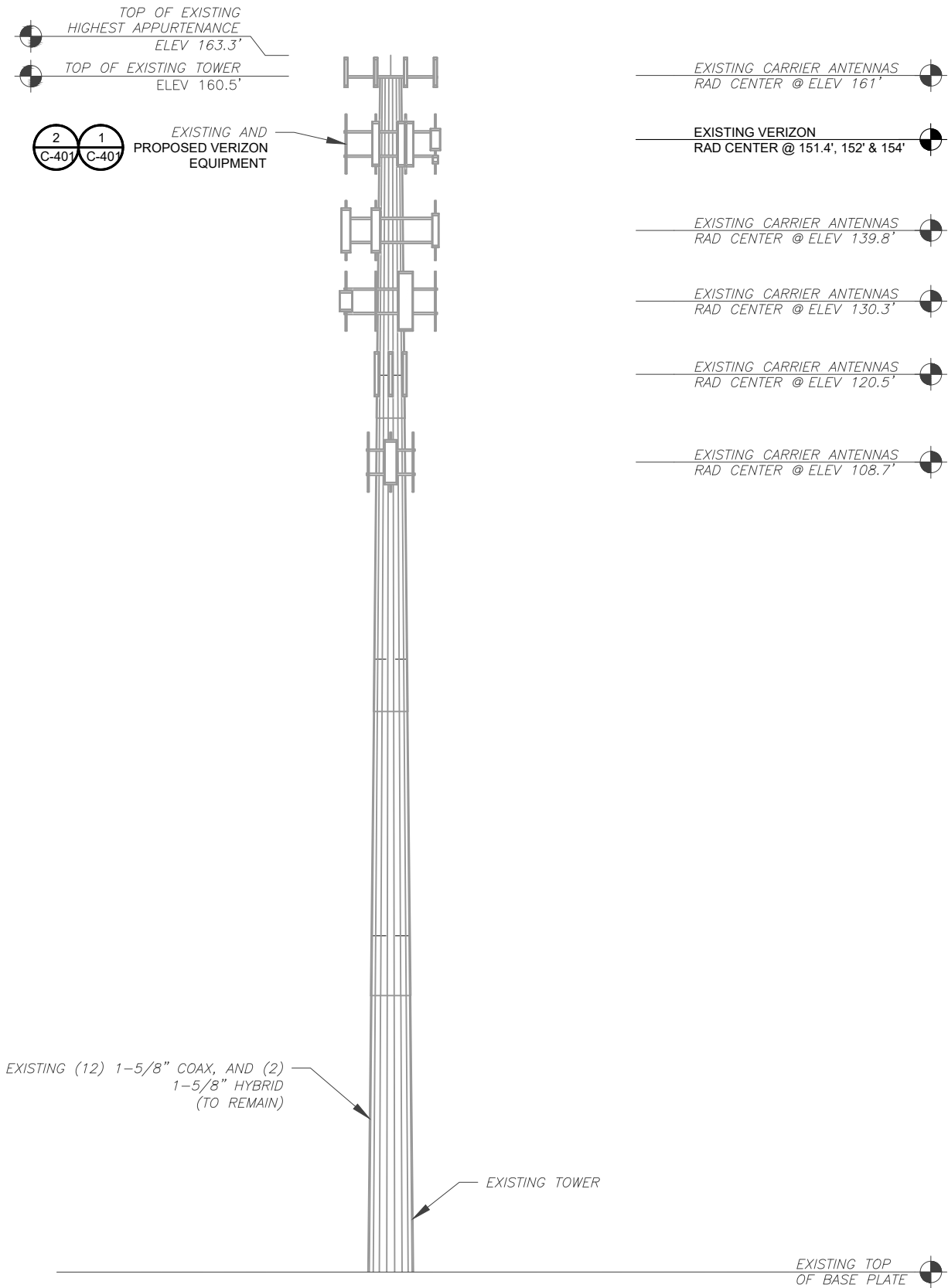
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ATC JOB NO:	14519509_G0
CUSTOMER ID:	VERNON 3 CT
CUSTOMER #:	5000243787

DETAILED SITE PLAN

SHEET NUMBER:	REVISION:
C-101	0



PER MOUNT ANALYSIS COMPLETED BY COLLIERS ENGINEERING & DESIGN, DATED 08/03/23, THE EXISTING MOUNT CAN ADEQUATELY SUPPORT THE PROPOSED LOADING.



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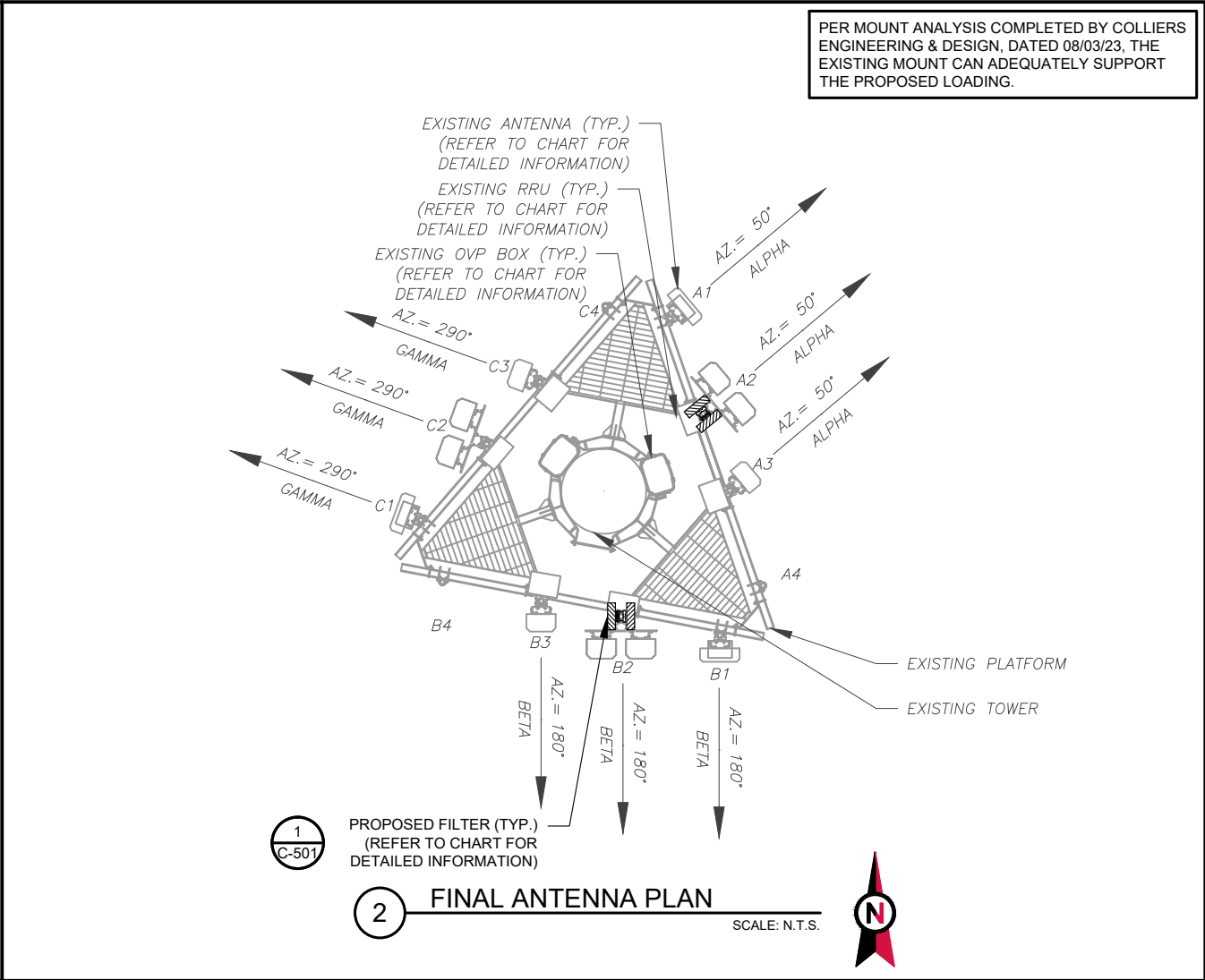
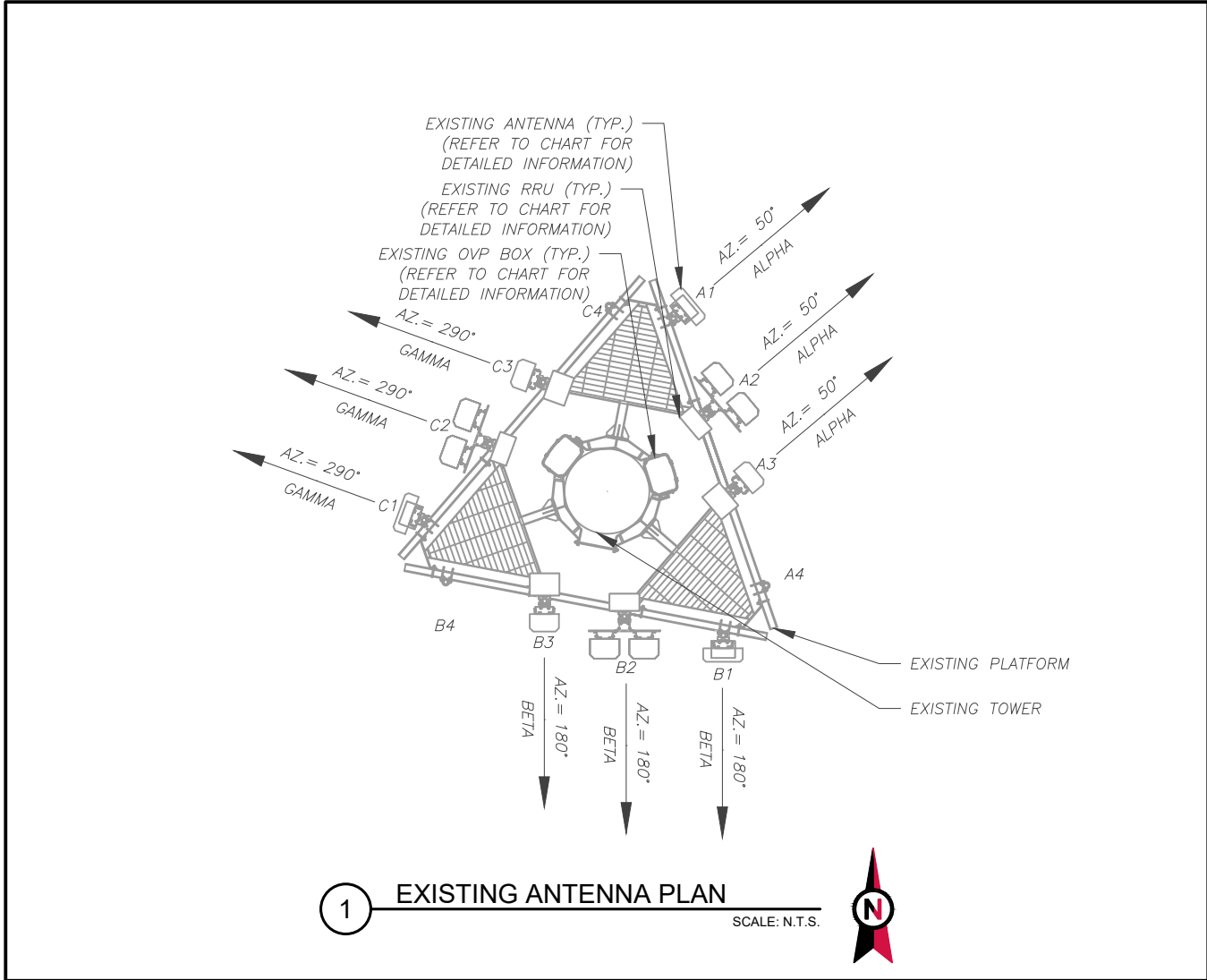
ATC JOB NO:	14519509_G0
CUSTOMER ID:	VERNON 3 CT
CUSTOMER #:	5000243787

TOWER ELEVATION

SHEET NUMBER: C-201	REVISION: 0
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- 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.

1 TOWER ELEVATION
SCALE: N.T.S.



EXISTING ANTENNA SCHEDULE								
LOCATION			ANTENNA SUMMARY				NON ANTENNA SUMMARY	
SECTOR	RAD	AZ	POS	ANTENNA	BAND	STATUS	ADDITIONAL TOWER MOUNTED EQUIPMENT	STATUS
ALPHA	152' 151.4'	50°	A1	MT6407-77A XXDWMM-12.5-65-8T-CBRS	-	RMN RMN	-	-
	151.4'		A2	SBNHH-1D65B SBNHH-1D65B	-	RMN RMN	B5 RRH4x40-850	RMN
			A3	LNx-6514DS-A1M	-	RMN	RRH2x60 700	RMN
			A4	-	-	-	-	-
BETA	152' 151.4'	180°	B1	MT6407-77A XXDWMM-12.5-65-8T-CBRS	-	RMN RMN	-	-
	151.4'		B2	SBNHH-1D65B SBNHH-1D65B	-	RMN RMN	B5 RRH4x40-850	RMN
			B3	LNx-6514DS-A1M	-	RMN	RRH2x60 700	RMN
			B4	-	-	-	-	-
GAMMA	152' 151.4'	290°	C1	MT6407-77A XXDWMM-12.5-65-8T-CBRS	-	RMN RMN	-	-
	151.4'		C2	SBNHH-1D65B SBNHH-1D65B	-	RMN RMN	B5 RRH4x40-850	RMN
			C3	LNx-6514DS-A1M	-	RMN	RRH2x60 700	RMN
			C4	-	-	-	-	-

NOTES
1. CONFIRM WITH VERIZON REP FOR APPLICABLE UPDATES/REVISIONS AND MOST RECENT RFDS FOR NSN CONFIGURATION (CONFIG). GC TO CAP ALL UNUSED PORTS.
2. CONFIRM SPACING OF PROPOSED EQUIP DOES NOT CAUSE TOWER CONFLICTS NOR IMPEDE TOWER CLIMBING PEGS.
STATUS ABBREVIATIONS
RMV: TO BE REMOVED RMN: TO REMAIN REL: TO BE RELOCATED ADD: TO BE ADDED
CABLE LENGTHS FOR JUMPERS
JUNCTION BOX TO RRU: 15' RRU TO ANTENNA: 10'

FINAL ANTENNA SCHEDULE								
LOCATION			ANTENNA SUMMARY				NON ANTENNA SUMMARY	
SECTOR	RAD	AZ	POS	ANTENNA	BAND	STATUS	ADDITIONAL TOWER MOUNTED EQUIPMENT	STATUS
ALPHA	152' 151.4'	50°	A1	MT6407-77A XXDWMM-12.5-65-8T-CBRS	-	RMN RMN	-	-
	151.4'		A2	SBNHH-1D65B SBNHH-1D65B	-	RMN RMN	(2) KA-6030 B5 RRH4X40-850	ADD RMN
			A3	LNx-6514DS-A1M	-	RMN	RRH2x60 700	RMN
			A4	-	-	-	-	-
BETA	152' 151.4'	180°	B1	MT6407-77A XXDWMM-12.5-65-8T-CBRS	-	RMN RMN	-	-
	151.4'		B2	SBNHH-1D65B SBNHH-1D65B	-	RMN RMN	(2) KA-6030 B5 RRH4X40-850	ADD RMN
			B3	LNx-6514DS-A1M	-	RMN	RRH2x60 700	RMN
			B4	-	-	-	-	-
GAMMA	152' 151.4'	290°	C1	MT6407-77A XXDWMM-12.5-65-8T-CBRS	-	RMN RMN	-	-
	151.4'		C2	SBNHH-1D65B SBNHH-1D65B	-	RMN RMN	B5 RRH4X40-850	RMN
			C3	LNx-6514DS-A1M	-	RMN	RRH2x60 700	RMN
			C4	-	-	-	-	-

EXISTING FIBER DISTRIBUTION/OVP BOX				EXISTING CABLING SUMMARY	
MODEL NUMBER		STATUS		CABLE QTY, SIZE, TYPE	STATUS
(2) DB-T1-6Z-8AB-OZ		RMN		(12) 1-5/8" COAX, AND (2) 1-5/8" HYBRID	RMN
-		-		----	-

FINAL FIBER DISTRIBUTION / OVP BOX		FINAL CABLING SUMMARY	
MODEL NUMBER		STATUS	
(2) DB-T1-6Z-8AB-OZ		RMN	
-		-	

3 EQUIPMENT SCHEDULES



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	VAR	09/28/23

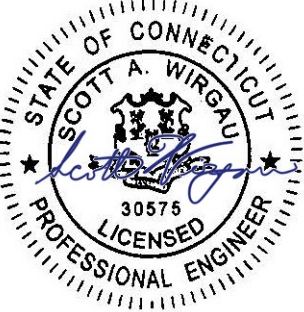
ATC SITE NUMBER:
302529

ATC SITE NAME:
VERNON CT 6

VERIZON SITE NAME:
VERNON 3 CT

SITE ADDRESS:
777 TALCOTVILLE RD
VERNON ROCKVILLE, CT 06066

SEAL:



Digitally Signed: 2023-09-28

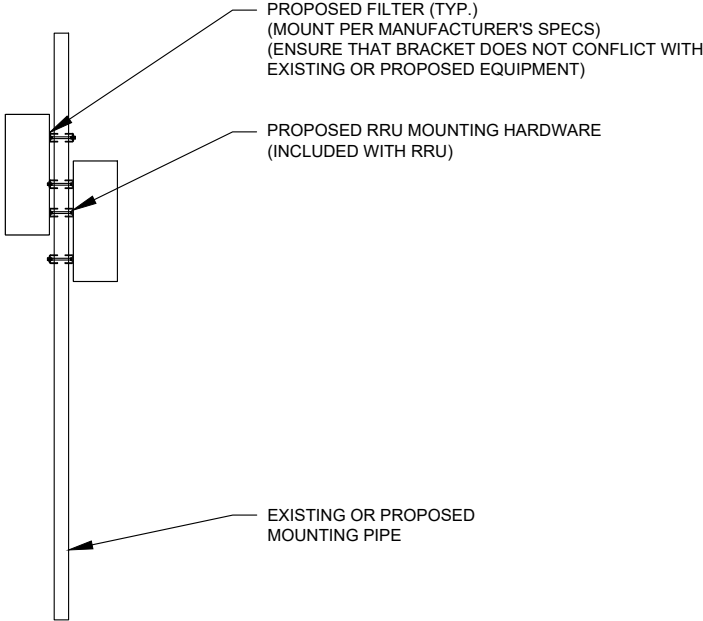


ATC JOB NO:	14519509_G0
CUSTOMER ID:	VERNON 3 CT
CUSTOMER #:	5000243787

ANTENNA INFORMATION & SCHEDULE

SHEET NUMBER: C-401	REVISION: 0
-------------------------------	-----------------------

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



1 PROPOSED FILTER MOUNTING DETAIL - TYPICAL
SCALE: N.T.S.



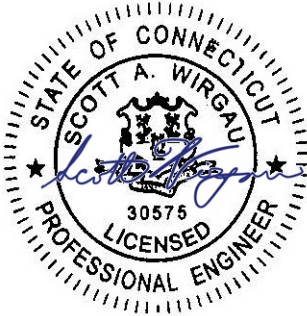
AMERICAN TOWER®
A.T. ENGINEERING SERVICES LLC
3500 REGENCY PARKWAY
SUITE 100
CARY, NC 27518
PHONE: (919) 468-0112
PEC.0001553

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REV.	DESCRIPTION	BY	DATE
0	FOR CONSTRUCTION	VAR	09/28/23

ATC SITE NUMBER:
302529
ATC SITE NAME:
VERNON CT 6
VERIZON SITE NAME:
VERNON 3 CT
SITE ADDRESS:
777 TALCOTVILLE RD
VERNON ROCKVILLE, CT 06066

SEAL:



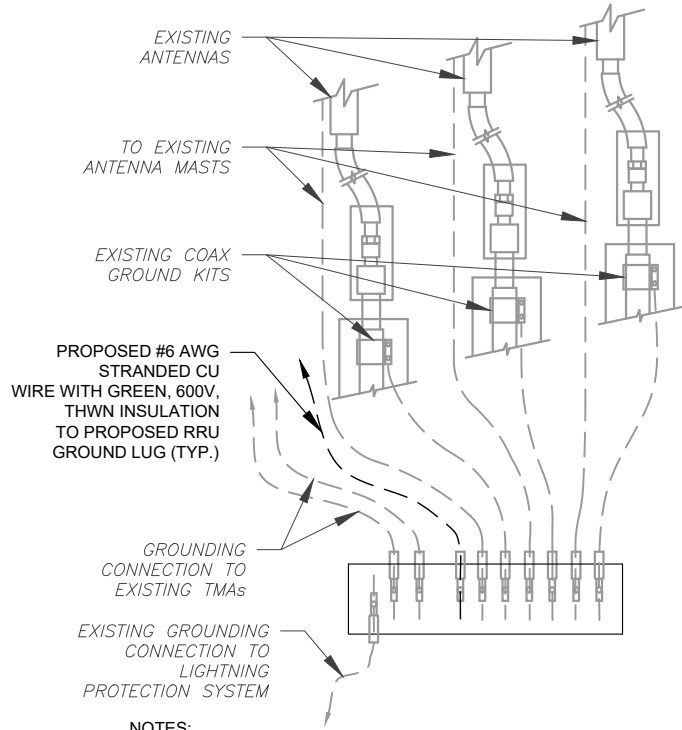
Digitally Signed: 2023-09-28



ATC JOB NO:	14519509_G0
CUSTOMER ID:	VERNON 3 CT
CUSTOMER #:	5000243787

CONSTRUCTION
DETAILS

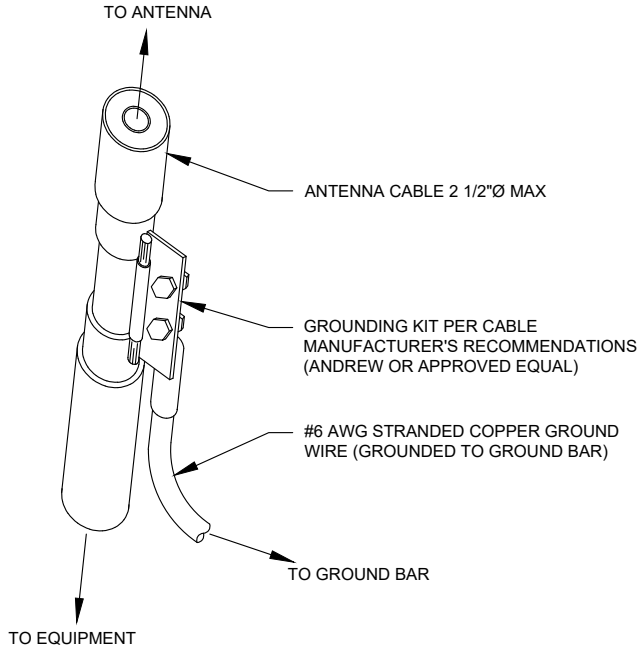
SHEET NUMBER:	REVISION:
C-501	0



NOTES:

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

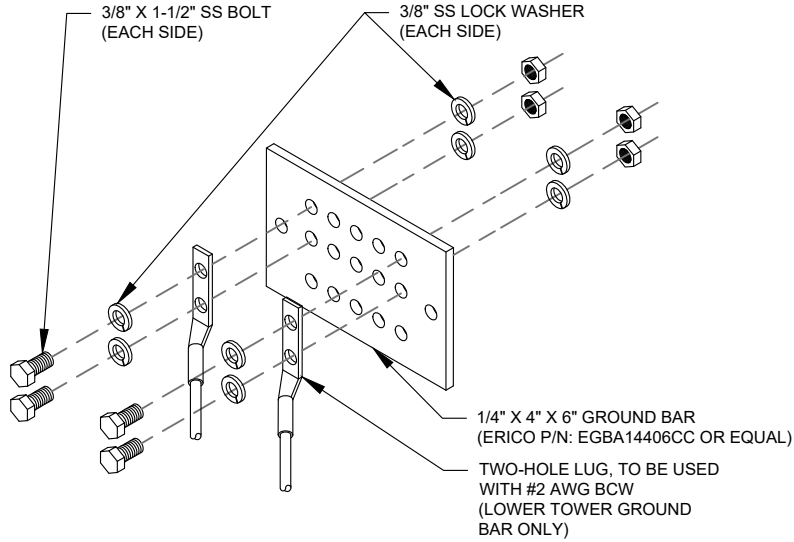
1 TYPICAL ANTENNA GROUNDING DIAGRAM
SCALE: N.T.S.



GROUND KIT NOTES:

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

2 CABLE GROUND KIT CONNECTION DETAIL
SCALE: N.T.S.



GROUND BAR NOTES:

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

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



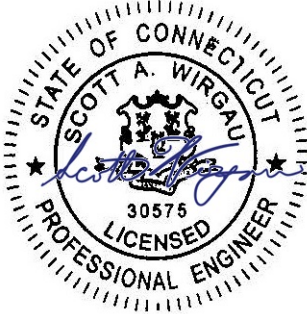
AMERICAN TOWER®
A.T. ENGINEERING SERVICES LLC
3500 REGENCY PARKWAY
SUITE 100
CARY, NC 27518
PHONE: (919) 468-0112
PEC.0001553

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REV.	DESCRIPTION	BY	DATE
0	FOR CONSTRUCTION	VAR	09/28/23

ATC SITE NUMBER:
302529
ATC SITE NAME:
VERNON CT 6
VERIZON SITE NAME:
VERNON 3 CT
SITE ADDRESS:
777 TALCOTVILLE RD
VERNON ROCKVILLE, CT 06066

SEAL:



Digitally Signed: 2023-09-28



ATC JOB NO:	14519509_G0
CUSTOMER ID:	VERNON 3 CT
CUSTOMER #:	5000243787

GROUNDING DETAILS

SHEET NUMBER:	REVISION:
E-501	0



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

Mount Structural Analysis Report
(1) 12.50-Ft Platform

August 3, 2023
Site ID: 5000243787-VZW / VERNON 3 CT
Page | 5

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

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

Antenna Mount Analysis Report and PMI Requirements

Mount ReAnalysis

SMART Tool Project #: 10208068
Colliers Engineering & Design Project #: 23777223

August 3, 2023

Site Information
Site ID: 5000243787-VZW / VERNON 3 CT
Site Name: VERNON 3 CT
Carrier Name: Verizon Wireless
Address: 777 Talcottville Road
Vernon, Connecticut 06066
Tolland County
Latitude: 41.863453°
Longitude: -72.483283°

Structure Information
Tower Type: Monopole
Mount Type: 12.50-Ft Platform
FUZE ID # 17123766

Analysis Results

Platform: 62.7% 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: Gilberto Martinez



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.

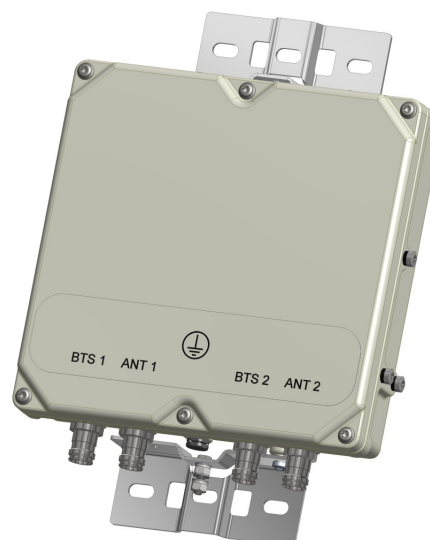
KA-6030

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

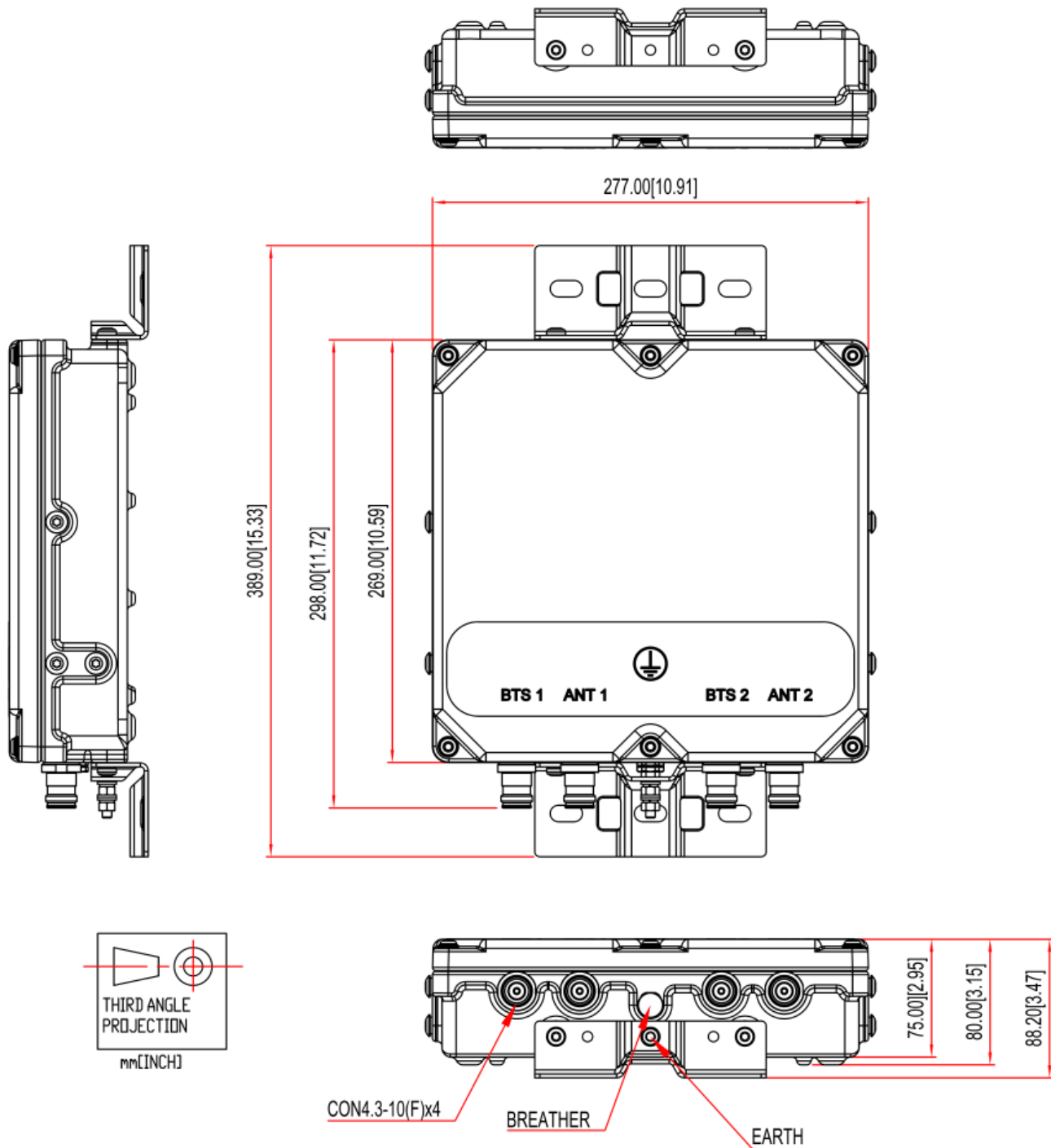


EXHIBIT 2



777 REALTY LLC 777 TALCOTTVILLE RD VERNON, CT 06066 CENSUS TRACT: 530301 1/24/11 25% LAWRENCE A SCRANTON TRUST, 37.5% L THOMAS SCRANTON, 37.5% S CHRISTOPHER SCRANTON Neighborhood Number 11900 Neighborhood Name General Commercial A TAXING DISTRICT INFORMATION Jurisdiction Name Town of Vernon Area 146 Routing Number 8641	Tax ID 07-0002-00078		Printed 02/27/2020		Card No. 1 of 2	
	Transfer of Ownership					
	Owner		Consideration	Transfer Date	Deed Book/Page	Deed Type
	SCRANTON L THOMAS SCRANTON MATTHEW L		0	09/26/2012	2244 144	Q
	SCRANTON L THOMAS &LAWRENCE SCRANTON		692500	02/03/2012	2205 43	W
	SCRANTON LAWRENCE A & CHRISTOPHER &		0	01/24/2011	2150 310	P
	SCRANTON LAWRENCE A		0	06/15/1999	1209 43	P
	SCRANTON LAWRENCE A		0	03/23/1990	790 12	Q
	NA		0	01/01/1900	184 519	
	Valuation Record					

Site Description Topography Public Utilities Electric Street or Road Paved Neighborhood Zoning: Industrial Legal Acres: 7.7200	Valuation Record								
	Assessment Year	2011	2012	2015	2016	2016	2018	2019	
Reason for Change		2011 REVAL	2012	2015	2016 Reval	2016 Reval	2018 ASMT	2019 ASMT	
Market	L	922070	913760	913760	1620000	1620000	1620000	1584000	
	I	827930	1054920	1203830	1741070	1393610	1393610	1393610	
	T	1750000	1968680	2117590	3361070	3013610	3013610	2977610	
70% Assessed/Use	L	645450	639630	639630	1134000	1134000	1134000	1108800	
	I	579550	738450	842680	1218750	975530	975530	975530	
	T	1225000	1378080	1482310	2352750	2109530	2109530	2084330	



Land Size				
Land Type	Rating, Soil ID - or - Actual Frontage	Acreage - or - Effective Frontage	Square Feet - or - Effective Depth	Influence Factor

Physical Characteristics

ROOFING

Built-up

WALLS

	B	1	2	U
Frame		Yes		
Guard	Yes	Yes		Yes

FRAMING

	B	1	2	U
F Res	0	21728	0	0

FINISH

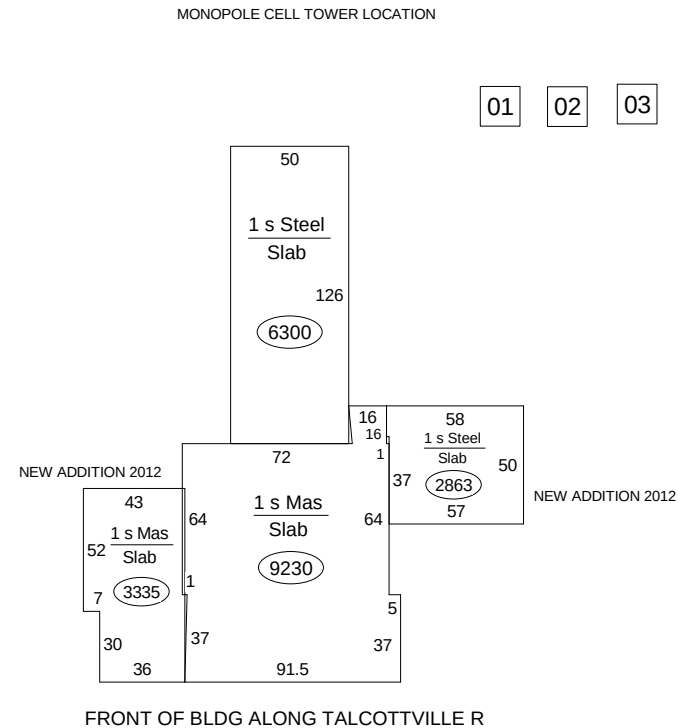
	UF	SF	FO	FD
1	21728	0	0	0
Total	21728	0	0	0

HEATING AND AIR CONDITIONING

	B	1	2	U
Heat	0	9230	0	0
A/C	0	12498	0	0

Tax ID 07-0002-00078

Printed 02/27/2020



Special Features

Description

Summary of Improvements

ID	USE	Story Height	Const Type	Grade	Year Cons	Eff Year	Cond	Size or Area
C	AUTOSERV	0.00		Avg	1965	1985	AV	21728
01	PAVING	0.00	85	Avg	1990	1990	AV	225000
02	FENCECL	6.00	51C	Avg	2002	2002	AV	200
03	SHED	0.00	1	Avg	2010	2010	AV	120

Transfer of Ownership

Valuation Record

Assessment Year

Reason for Change

Market L
I
T
70% Assessed/Use L
I
T

Land Size

Land Type

Rating,
Soil ID
- or -
Actual
FrontageAcreage
- or -
Effective
FrontageSquare Feet
- or -
Effective
Depth

Influence Factor



TALCOTTVILLE RD 777

Physical Characteristics

ROOFING

Metal

Insulation

WALLS

	B	1	2	U
Frame		Yes		
Guard	Yes	Yes		Yes

FRAMING

	B	1	2	U
--	---	---	---	---

FINISH

	UF	SF	FO	FD
1	11516	0	0	0
Total	11516	0	0	0

HEATING AND AIR CONDITIONING

	B	1	2	U
Heat	0	11516	0	0

Tax ID 07-0002-00078

Printed 02/27/2020

The diagram shows a building footprint consisting of two rectangular sections. The left section is 40 units wide and 80 units high, labeled '1 s Steel Slab' with a circled area of 3200. The right section is 54 units wide and 154 units high, labeled '1 s Steel' with a circled area of 8316. The total area is 11516.

	Special Features		Summary of Improvements								
	Description		ID	USE	Story Height	Const Type	Grade	Year Cons	Eff Year	Cond	Size or Area
			C	SERVGAR	0.00		Fair	1980	1990	AV	11516

302529 - Vernon Ct - Assessors Map



August 12, 2021

----- User drawn lines
TaxParcelPublishing

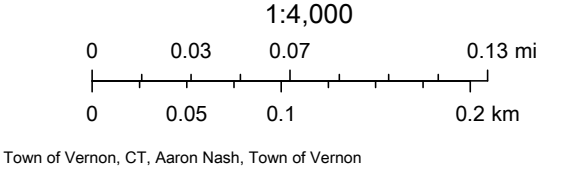


EXHIBIT 3





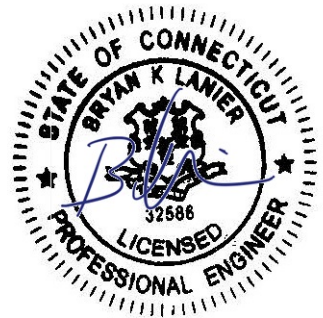
Structural Analysis Report

Structure : 160 ft Monopole
ATC Asset Name : Vernon CT 6
ATC Asset Number : 302529
Engineering Number : 14519509_C3_07
Proposed Carrier : VERIZON WIRELESS
Carrier Site Name : Vernon 3 CT
Carrier Site Number : 5000243787
Site Location : 777 Talcotville Road
Vernon Rockville, CT 06066-2318
41.8635° N, 72.4833° W
County : Tolland
Date : September 21, 2023
Max Usage : 45%
Analysis Result : Pass

Created By:

Pedro Morales Mendoza
Structural Engineer I

A handwritten signature in black ink, appearing to read 'pedro morales'.



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 160 ft Monopole tower to reflect the change in loading by VERIZON WIRELESS.

Supporting Documents

Tower:	Summit, PJF Job #29201-0893, dated July 26, 2001
Foundation:	Summit, PJF Job #29201-0893, dated September 21, 2001
Geotechnical:	Dr. Clarence Welti Geotechnical Engineering Job #CT-1065, dated January 2, 2001
Mount Analysis:	Colliers Engineering & Design Project #23777223, dated August 3, 2023

Analysis

The tower was analyzed using American Tower Corporation's tower analysis software. This program considers an elastic three-dimensional model and second-order effects per ANSI/TIA-222.

Basic Wind Speed:	118 mph (3-second gust)
Basic Wind Speed w/ Ice:	50 mph (3-second gust) w/ 1.50" 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:	$S_s = 0.18$, $S_i = 0.06$
Site Class:	D - Stiff Soil - Default

Conclusion

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

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

Structure Usages

Structural Component	Usage	Control	Result
Pole Shaft	31.9%	1.2D + 1.0W	Pass
Serviceability Usage	13.5%	1.0D + 1.0W	Pass
Base Plate @ 0.0 ft	31.1%	Rods	Pass
Pier	45.1%	Shear [Steel]	Pass

Maximum Reactions

Foundation	Moment (k-ft)	Axial (k)	Shear (k)
Monopole Base	3,574.8	88.8	32.2

**Reactions shown reflect the results from the Load Case with maximum Moment*

Structure base reactions were analyzed using available geotechnical and foundation information.

VERIZON WIRELESS Final Loading

Elev (ft)	Qty	Equipment	Lines
154.0	1	RFS DB-B1-6C-12AB-0Z	(2) 1 5/8" Hybriflex
152.0	3	Samsung MT6407-77A	-
151.4	1	Raycap RRFDC-3315-PF-48	(12) 1 5/8" Coax
	3	Andrew LNX-6514DS-A1M	
	3	Samsung B2/B66A RRH-BR049	
	3	Samsung B5/B13 RRH-BR04C	
	3	Samsung XXDWMM-12.5-65-8T-CBRS	
	4	Kaelus KA-6030	
	6	Andrew SBNHH-1D65B	
150.0	1	Platform with Handrails	-
	3	Mount Reinforcement	

Other Existing/Reserved Loading

Elev (ft)	Qty	Equipment	Lines	Carrier
160.6	12	Decibel DB844H90E-XY	-	SPRINT NEXTEL
160.0	1	Low Profile Platform	(12) 1 1/4" Coax	SPRINT NEXTEL
142.0	1	Raycap DC6-48-60-18-8F ("Squid")	(1) 0.39" (10mm) Fiber Trunk (1) 0.39" (9.8mm) Cable (1) 0.50" (12.7mm) Fiber (4) 0.78" (19.7mm) 8 AWG 6 (3) 0.92" (23.4mm) Cable (6) 1 1/4" Coax (2) 2" conduit (2) 3" conduit	AT&T MOBILITY
	1	Raycap DC6-48-60-18-8F (23.5" Height)		
	1	Raycap DC9-48-60-24-8C-EV		
	3	CCI DMP65R-BU6DA		
	3	CCI TPA-65R-BU6DA-K		
	3	Ericsson AIR 6419 B77G		
	3	Ericsson Air 6449 B77D		
	3	Ericsson RRUS 32 (50.8 lbs)		
	3	Ericsson RRUS 4415 B25		
	3	Ericsson RRUS 4426 B66		
	3	Ericsson RRUS 4449 B5, B12		
	3	Ericsson RRUS 4478 B14		
	3	SitePro1 VFA14-H10-2120 Sector Frame		
	6	Powerwave Allgon LGP21401		
130.0	1	Platform with Handrails	(3) 1.99" (50.7mm) Hybrid	SPRINT NEXTEL
	3	Ericsson Air6449 B41		
	3	Ericsson Radio 4460 B25+B66		
	3	Ericsson Radio 4480 B71+B85A		
	3	RFS APXVAALL24 43-U-NA20		
120.0	3	RFS APXV18-206517S-C	(6) 1 5/8" Coax	METRO PCS INC
117.0	3	Flush Mounts	-	-
109.0	1	Commscope RDIDC-9181-PF-48	(1) 1.60" (40.6mm) Hybrid	DISH WIRELESS L.L.C.
	3	Fujitsu TA08025-B604		
	3	Fujitsu TA08025-B605		
	3	JMA Wireless MX08FRO665-21		
107.0	1	Platform with Handrails	-	DISH WIRELESS L.L.C.

(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.

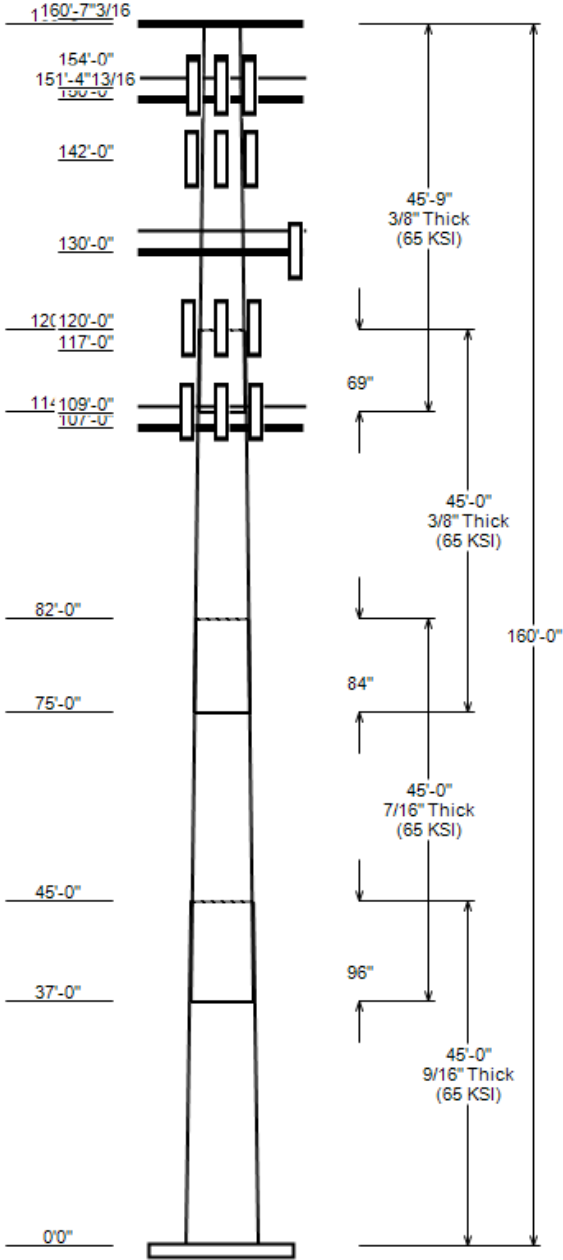
All assets of American Tower Corporation, its affiliates, and subsidiaries (collectively "American Tower") are inspected at regular intervals. Based upon these inspections and in the absence of information to the contrary, American Tower assumes that all structures were constructed in accordance with 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:	118 mph	Ice Wind:	50 mph w/ 1.5" ice
Risk Category:	II	Exposure:	B
Topo Category:	1	Topo Factor:	Method 1
Structure Height:	160 ft	Base Elevation:	0.00 ft
Base Diameter:	72.13 in	Base Rotation:	0°
Service Wind:	60 mph	S ₁ :	0.182
		S ₂ :	0.055
Topo Feature:		Structure Type:	Taper
		Taper:	0.2510 (in/ft)

POLE SECTION PROPERTIES							
Section	Length (ft)	Flat Diameter (in)		Thick (in)	Joint Type	Joint Length (in)	Yield Strength (ksi)
		Top	Bottom				
1	45.000	60.82	72.13	0.562		0.000	65
2	45.000	52.40	63.71	0.438	Slip Joint	96.000	65
3	45.000	43.60	54.91	0.375	Slip Joint	84.000	65
4	45.750	34.29	45.79	0.375	Slip Joint	69.000	65



DISCRETE APPURTENANCE		LINEAR APPURTENANCE	
Elev (ft)	Description	Elev To (ft)	Description
160.6	(12) Decibel DB844H90E-XY	160.0	(12) 1 1/4" Coax
160.0	(1) Generic Flat Low Profile Platf	154.0	(2) 1 5/8" Hybriflex
154.0	(1) RFS DB-B1-6C-12AB-0Z	151.4	(12) 1 5/8" Coax
152.0	(3) Samsung MT6407-77A	142.0	(2) 3" conduit
151.4	(4) Kaelus KA-6030	142.0	(2) 2" conduit
151.4	(3) Samsung XXDWM-12.5-65-8T-CBRS	142.0	(6) 1 1/4" Coax
151.4	(3) Samsung B5/B13 RRH-BR04C	142.0	(3) 0.92" (23.4mm) Cable
151.4	(3) Samsung B2/B66A RRH-BR049	142.0	(4) 0.78" (19.7mm) 8 AWG 6
151.4	(1) Raycap RRFDC-3315-PF-48	142.0	(1) 0.50" (12.7mm) Fiber
151.4	(6) Andrew SBNHH-1D65B	142.0	(1) 0.39" (9.8mm) Cable
151.4	(3) Andrew LNX-6514DS-A1M	142.0	(1) 0.39" (10mm) Fiber Trunk
150.0	(3) Generic Mount Reinforcement	141.0	(3) 3/8" (0.38"- 9.5mm) RET Control Cabl
150.0	(1) Generic Round Platform with Ha	130.0	(3) 1.99" (50.7mm) Hybrid
142.0	(1) Raycap DC9-48-60-24-8C-EV	120.0	(6) 1 5/8" Coax
142.0	(6) Powerwave Allgon LGP21401	109.0	(1) 1.60" (40.6mm) Hybrid
142.0	(1) Raycap DC6-48-60-18-8F (23.5"		
142.0	(1) Raycap DC6-48-60-18-8F ("Squid		
142.0	(3) Ericsson RRUS 4426 B66		
142.0	(3) Ericsson RRUS 4415 B25		
142.0	(3) Ericsson RRUS 4478 B14		
142.0	(3) Ericsson RRUS 4449 B5, B12		
142.0	(3) Ericsson RRUS 32 (50.8 lbs)		
142.0	(3) Ericsson AIR 6419 B77G		
142.0	(3) Ericsson Air 6449 B77D		
142.0	(3) CCI TPA-65R-BU6DA-K		
142.0	(3) CCI DMP65R-BU6DA		
142.0	(3) SitePro1 VFA14-H10-2120 Sector		
130.0	(3) Ericsson Radio 4460 B25+B66		
130.0	(3) Ericsson Radio 4480 B71+B85A		
130.0	(3) Ericsson Air6449 B41		
130.0	(3) RFS APXVAALL24 43-U-NA20		
130.0	(1) Generic Round Platform with Ha		
120.0	(3) RFS APXV18-206517S-C		
117.0	(3) Flush Mounts		
109.0	(1) Commscope RDIDC-9181-PF-48		
109.0	(3) Fujitsu TA08025-B604		
109.0	(3) Fujitsu TA08025-B605		
109.0	(3) JMA Wireless MX08FRO665-21		
107.0	(1) Generic Round Platform with Ha		

GLOBAL BASE REACTIONS

Load Case	Moment (kip-ft)	Axial (kip)	Shear (kip)
1.2D + 1.0W	3574.80	88.79	32.22
0.9D + 1.0W	3550.55	66.59	32.21
1.2D + 1.0Di + 1.0Wi	1040.63	122.50	9.43
1.2D + 1.0Ev + 1.0Eh	289.42	88.61	2.32
0.9D - 1.0Ev + 1.0Eh	287.01	61.60	2.32
1.0D + 1.0W	823.27	74.01	7.45

ANALYSIS PARAMETERS

Location:	Tolland County,CT	Height:	160 ft
Type and Shape:	Taper, 18 Sides	Base Diameter:	72.13 in
Manufacturer:	Summit	Top Diameter:	34.29 in
K _d (non-service):	0.95	Taper:	0.2510 in/ft
K _e :	0.99	Rotation:	0.000°

ICE & WIND PARAMETERS

Risk Category:	II	Design Wind Speed:	118 mph
Exposure Category:	B	Design Wind Speed w/ Ice:	50 mph
Topo Factor Procedure:	Method 1	Design Ice Thickness:	1.50 in
Topographic Category:	1	Service Wind Speed:	60 mph
Crest Height:	0 ft	HMSL:	236.00 ft

SEISMIC PARAMETERS

Analysis Method:	Equivalent Lateral Force Method		
Site Class:	D - Stiff Soil	Period Based on Rayleigh Method (sec):	1.87
T _L (sec):	6	P:	1
S _s :	0.182	S ₁ :	0.055
F _a :	1.600	F _v :	2.400
S _{ds} :	0.194	S _{d1} :	0.088
		C _s :	0.031
		C _s Max:	0.031
		C _s Min:	0.030

LOAD CASES

1.2D + 1.0W	118 mph Wind with No Ice
0.9D + 1.0W	118 mph Wind with No Ice (Reduced DL)
1.2D + 1.0Di + 1.0Wi	50 mph Wind with 1.5" Radial Ice
1.2D + 1.0Ev + 1.0Eh	Seismic
0.9D - 1.0Ev + 1.0Eh	Seismic (Reduced DL)
1.0D + 1.0W	60 mph Wind with No Ice

ASSET: 302529, Vernon CT 6
CUSTOMER: VERIZON WIRELESS

CODE: ANSI/TIA-222-H
PROJECT: 14519509_C3_07

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 (in ²)	Ix (in ⁴)	W/t Ratio	D/t Ratio	Dia (in)	Elev (ft)	Area (in ²)	Ix (in ⁴)	W/t Ratio	D/t Ratio	
1-18	45.00	0.5625	65		0.00	18,019	72.13	0.000	127.77	82,682.7	20.85	128.23	60.82	45.00	107.58	49,353.	17.30	108.13	0.2513
2-18	45.00	0.4375	65	Slip	96.00	12,250	63.71	37.000	87.85	44,431.2	23.91	145.61	52.40	82.00	72.15	24,610.	19.35	119.76	0.2513
3-18	45.00	0.3750	65	Slip	84.00	8,908	54.91	75.000	64.90	24,384.1	24.05	146.42	43.60	120.00	51.44	12,141.	18.74	116.26	0.2513
4-18	45.75	0.3750	65	Slip	69.00	7,350	45.79	114.250	54.06	14,087.1	19.77	122.11	34.29	160.00	40.37	5,868.1	14.36	91.45	0.2513
Total Shaft Weight						46,527													

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
160.60	Decibel DB844H90E-XY	12	0.80	1.000	14.00	3.615	0.74	125.34	3.927	0.74
160.00	Generic Flat Low Profile Platf	1	1.00	0.000	1875.00	26.100	1.00	2690.49	45.325	1.00
154.00	RFS DB-B1-6C-12AB-OZ	1	0.75	0.000	21.40	2.512	1.00	101.54	3.557	1.00
152.00	Samsung MT6407-77A	3	0.75	0.000	81.60	4.709	0.61	183.85	6.233	0.61
151.40	Andrew LNX-6514DS-A1M	3	0.75	0.000	38.80	8.173	0.83	215.18	10.999	0.83
151.40	Samsung B2/B66A RRH-BR049	3	0.75	0.000	84.40	1.875	0.50	148.36	2.780	0.50
151.40	Raycap RRFDC-3315-PF-48	1	0.75	0.000	26.90	2.512	1.00	106.76	3.556	1.00
151.40	Samsung B5/B13 RRH-BR04C	3	0.75	0.000	70.30	1.875	0.50	127.65	2.780	0.50
151.40	Andrew SBNHH-1D65B	6	0.75	0.000	50.70	8.173	0.83	226.61	11.010	0.83
151.40	Samsung XXDWM-12.5-65-8T-CBRS	3	0.75	0.000	23.10	1.539	0.50	64.69	2.373	0.50
151.40	Kaelus KA-6030	4	0.75	0.000	17.60	0.963	0.50	41.24	1.618	0.50
150.00	Generic Round Platform with Ha	1	1.00	0.000	2500.00	27.200	1.00	4120.32	51.653	1.00
150.00	Generic Mount Reinforcement	3	0.75	0.000	200.00	7.500	0.67	393.60	14.990	0.67
142.00	Ericsson RRUS 4415 B25	3	0.80	0.000	46.00	1.842	0.50	94.83	2.735	0.50
142.00	Ericsson RRUS 4478 B14	3	0.80	0.000	59.90	1.842	0.50	114.96	2.735	0.50
142.00	Ericsson RRUS 4449 B5, B12	3	0.80	0.000	71.00	1.969	0.50	135.18	2.898	0.50
142.00	Ericsson RRUS 32 (50.8 lbs)	3	0.80	0.000	50.80	2.692	0.67	122.03	3.842	0.67
142.00	Ericsson AIR 6419 B77G	3	0.80	0.000	66.10	3.797	0.65	162.72	5.109	0.65
142.00	Ericsson Air 6449 B77D	3	0.80	0.000	81.60	4.028	0.65	184.01	5.397	0.65
142.00	CCI TPA-65R-BU6DA-K	3	0.80	0.000	69.00	12.709	0.60	325.54	15.486	0.60
142.00	CCI DMP65R-BU6DA	3	0.80	0.000	79.40	12.709	0.63	335.94	15.486	0.63
142.00	SitePro1 VFA14-H10-2120 Sector	3	0.75	0.000	912.20	14.400	0.67	1545.07	24.390	0.67
142.00	Raycap DC6-48-60-18-8F (23.5"	1	0.80	0.000	20.00	1.260	1.00	72.44	1.916	1.00
142.00	Powerwave Allgon LGP21401	6	0.80	0.000	14.10	1.104	0.50	38.95	1.815	0.50
142.00	Raycap DC9-48-60-24-8C-EV	1	0.80	0.000	16.00	1.010	1.00	60.90	1.568	1.00
142.00	Raycap DC6-48-60-18-8F ("Squid	1	0.80	0.000	18.90	1.470	1.00	80.36	2.166	1.00
142.00	Ericsson RRUS 4426 B66	3	0.80	0.000	48.40	1.650	0.50	92.86	2.496	0.50
130.00	Generic Round Platform with Ha	1	1.00	0.000	2500.00	27.200	1.00	4096.89	51.300	1.00
130.00	RFS APXVAALL24 43-U-NA20	3	0.75	0.000	122.80	20.243	0.63	506.81	23.900	0.63
130.00	Ericsson Radio 4460 B25+B66	3	0.75	0.000	109.00	2.564	0.67	196.14	3.603	0.67
130.00	Ericsson Radio 4480 B71+B85A	3	0.75	0.000	84.00	2.852	0.67	158.48	3.953	0.67
130.00	Ericsson Air6449 B41	3	0.75	0.000	104.00	5.682	0.63	238.36	7.247	0.63
120.00	RFS APXV18-206517S-C	3	1.00	0.000	26.40	5.160	0.80	117.08	7.475	0.80
117.00	Flush Mounts	3	1.00	0.000	65.00	2.000	0.67	175.56	4.041	0.67
109.00	JMA Wireless MX08FRO665-21	3	0.75	0.000	64.50	12.489	0.64	313.73	15.214	0.64
109.00	Commscope RDIDC-9181-PF-48	1	0.75	0.000	21.90	1.867	1.00	77.08	2.740	1.00
109.00	Fujitsu TA08025-B605	3	0.75	0.000	75.00	1.962	0.50	135.75	2.854	0.50
109.00	Fujitsu TA08025-B604	3	0.75	0.000	63.90	1.962	0.50	120.45	2.854	0.50
107.00	Generic Round Platform with Ha	1	1.00	0.000	2500.00	27.200	1.00	4067.67	50.859	1.00
Totals		Row Count: 39		113		18,218.90		37,363.34		

LINEAR APPURTENANCE PROPERTIES

Load Case Azimuth (deg): 0.00

Elev From (ft)	Elev To (ft)	Qty	Description	Diameter (in)	Weight (lb/ft)	Flat	Max/ Row	Distance Between Rows(in)	Distance Between Cols(in)	Azimuth (deg)	Distance From Face (in)	Exposed To Wind	Carrier
0.00	160.00	12	1 1/4" Coax	1.55	0.63	N	0	0	0	0	0	N	SPRINT NEXTEL
0.00	154.00	2	1 5/8" Hybriflex	1.98	1.3	N	0	0	0	0	0	N	VERIZON WIRELESS
0.00	151.40	12	1 5/8" Coax	1.98	0.82	N	0	0	0	0	0	N	VERIZON WIRELESS

ASSET: 302529, Vernon CT 6
CUSTOMER: VERIZON WIRELESS

CODE: ANSI/TIA-222-H
PROJECT: 14519509_C3_07

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	142.00	6	1 1/4" Coax	1.55	0.63	N	0	0	0	0	0	N	AT&T MOBILITY
0.00	142.00	4	0.78" (19.7mm) 8 AWG	0.78	0.59	N	0	0	0	0	0	N	AT&T MOBILITY
0.00	142.00	3	0.92" (23.4mm) Cable	0.92	0.89	N	0	0	0	0	0	N	AT&T MOBILITY
0.00	142.00	2	3" conduit	3.5	7.58	N	0	0	0	0	0	N	AT&T MOBILITY
0.00	142.00	2	2" conduit	2.38	3.65	N	0	0	0	0	0	N	AT&T MOBILITY
0.00	142.00	1	0.50" (12.7mm) Fiber	0.5	0.13	N	0	0	0	0	0	N	AT&T MOBILITY
0.00	142.00	1	0.39" (9.8mm) Cable	0.39	0.07	N	0	0	0	0	0	N	AT&T MOBILITY
0.00	142.00	1	0.39" (10mm) Fiber Tr	0.39	0.06	N	0	0	0	0	0	N	AT&T MOBILITY
0.00	141.00	3	3/8" (0.38"- 9.5mm) R	0.38	0.23	N	0	0	0	0	0	N	AT&T MOBILITY
0.00	130.00	3	1.99" (50.7mm) Hybrid	1.99	1.9	N	0	0	0	0	0	N	SPRINT NEXTEL
0.00	120.00	6	1 5/8" Coax	1.98	0.82	N	0	0	0	0	0	N	METRO PCS INC
0.00	109.00	1	1.60" (40.6mm) Hybrid	1.6	2.34	N	0	0	0	0	0	N	DISH WIRELESS L.L.C.

SEGMENT PROPERTIES

Seg Top Elev (ft)	Description	(Max Length: 5 ft)	Thick (in)	Flat Dia (in)	Area (in ²)	Ix (in ⁴)	W/t Ratio	D/t Ratio	F'y (ksi)	S (in ³)	Z (in ³)	Weight (lb)
0.00			0.5625	72.130	127.770	82,682.70	20.85	128.23	76.9	2257.8	0.0	0.0
5.00			0.5625	70.873	125.527	78,403.40	20.45	126.00	77.3	2178.9	0.0	2,154.8
10.00			0.5625	69.617	123.283	74,274.40	20.06	123.76	77.8	2101.4	0.0	2,116.6
15.00			0.5625	68.360	121.040	70,293.00	19.67	121.53	78.3	2025.3	0.0	2,078.4
20.00			0.5625	67.104	118.797	66,456.40	19.27	119.30	78.7	1950.6	0.0	2,040.3
25.00			0.5625	65.847	116.553	62,762.10	18.88	117.06	79.2	1877.3	0.0	2,002.1
30.00			0.5625	64.590	114.310	59,207.20	18.48	114.83	79.7	1805.5	0.0	1,963.9
35.00			0.5625	63.334	112.066	55,789.20	18.09	112.59	80.1	1735.0	0.0	1,925.8
37.00	Bot - Section 2		0.5625	62.831	111.169	54,459.70	17.93	111.70	80.3	1707.2	0.0	759.6
40.00			0.5625	62.077	109.823	52,505.40	17.70	110.36	80.6	1665.9	0.0	2,019.5
45.00	Top - Section 1		0.4375	61.696	85.061	40,328.60	23.10	141.02	74.2	1287.5	0.0	3,311.5
50.00			0.4375	60.439	83.317	37,897.30	22.60	138.15	74.8	1235.0	0.0	1,432.4
55.00			0.4375	59.182	81.572	35,565.80	22.09	135.27	75.4	1183.6	0.0	1,402.7
60.00			0.4375	57.926	79.827	33,332.00	21.58	132.40	76	1133.4	0.0	1,373.0
65.00			0.4375	56.669	78.082	31,193.60	21.08	129.53	76.6	1084.2	0.0	1,343.3
70.00			0.4375	55.413	76.337	29,148.80	20.57	126.66	77.2	1036.1	0.0	1,313.6
75.00	Bot - Section 3		0.4375	54.156	74.592	27,195.30	20.06	123.79	77.8	989.1	0.0	1,283.9
80.00			0.4375	52.899	72.847	25,331.10	19.56	120.91	78.4	943.2	0.0	2,345.8
82.00	Top - Section 2		0.3750	53.147	62.809	22,099.40	23.23	141.72	74.1	819.0	0.0	922.9
85.00			0.3750	52.393	61.912	21,165.60	22.87	139.71	74.5	795.7	0.0	636.6
90.00			0.3750	51.136	60.416	19,668.50	22.28	136.36	75.2	757.6	0.0	1,040.6
95.00			0.3750	49.880	58.921	18,243.70	21.69	133.01	75.9	720.4	0.0	1,015.2
100.00			0.3750	48.623	57.425	16,889.40	21.10	129.66	76.6	684.2	0.0	989.7
105.00			0.3750	47.366	55.929	15,603.80	20.51	126.31	77.3	648.8	0.0	964.3
107.00			0.3750	46.864	55.331	15,108.40	20.27	124.97	77.6	635.0	0.0	378.6
109.00			0.3750	46.361	54.733	14,623.70	20.04	123.63	77.8	621.3	0.0	374.5
110.00			0.3750	46.110	54.434	14,385.20	19.92	122.96	78	614.5	0.0	185.7
114.25	Bot - Section 4		0.3750	45.042	53.163	13,400.70	19.42	120.11	78.6	586.0	0.0	778.0
115.00			0.3750	44.853	52.938	13,231.70	19.33	119.61	78.7	581.0	0.0	273.1
117.00			0.3750	44.351	52.340	12,788.20	19.09	118.27	78.9	567.9	0.0	722.6
120.00	Top - Section 3		0.3750	44.347	52.335	12,784.80	19.09	118.26	78.9	567.8	0.0	1,068.6
125.00			0.3750	43.090	50.840	11,719.70	18.50	114.91	79.6	535.7	0.0	877.7
130.00			0.3750	41.833	49.344	10,715.50	17.91	111.56	80.3	504.5	0.0	852.3
135.00			0.3750	40.577	47.848	9,770.40	17.32	108.20	81	474.3	0.0	826.8
140.00			0.3750	39.320	46.353	8,882.50	16.73	104.85	81.7	444.9	0.0	801.4
142.00			0.3750	38.818	45.755	8,543.00	16.49	103.51	82	433.5	0.0	313.4
145.00			0.3750	38.064	44.857	8,050.20	16.13	101.50	82.4	416.6	0.0	462.5
150.00			0.3750	36.807	43.362	7,271.50	15.54	98.15	82.6	389.1	0.0	750.5
151.40			0.3750	36.455	42.943	7,062.90	15.38	97.21	82.6	381.6	0.0	205.6
152.00			0.3750	36.304	42.763	6,974.70	15.31	96.81	82.6	378.4	0.0	87.5
154.00			0.3750	35.802	42.165	6,686.00	15.07	95.47	82.6	367.8	0.0	289.0
155.00			0.3750	35.550	41.866	6,544.70	14.95	94.80	82.6	362.6	0.0	143.0

ASSET: 302529, Vernon CT 6
CUSTOMER: VERIZON WIRELESS

CODE: ANSI/TIA-222-H
PROJECT: 14519509_C3_07

SEGMENT PROPERTIES

Seg Top Elev (ft)	Description (Max Length: 5 ft)	Thick (in)	Flat Dia (in)	Area (in ²)	Ix (in ⁴)	W/t Ratio	D/t Ratio	F'y (ksi)	S (in ³)	Z (in ³)	Weight (lb)
160.00		0.3750	34.294	40.370	5,868.10	14.36	91.45	82.6	337.0	0.0	699.6

Total: 46,526.9

CALCULATED FORCES

Load Case: 1.2D + 1.0W

118 mph Wind with No Ice

20 Iterations

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

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (ft-kips)	Mu MZ (ft-kips)	Mu MX (ft-kips)	Resultant Moment (ft-kips)	Phi Pn (kips)	Phi Vn (kips)	Phi Tn (ft-kips)	Phi Mn (ft-kips)	Total Deflect (in)	Rotation (deg)	Ratio
0.00	-88.79	-32.22	0.00	-3,574.8	0.00	3,574.80	8,840.73	2,242.37	14,495.03	13,018.39	0	0	0.285
5.00	-85.78	-31.74	0.00	-3,413.7	0.00	3,413.69	8,737.84	2,203.00	13,990.54	12,639.20	0.03	-0.06	0.280
10.00	-82.82	-31.27	0.00	-3,255.0	0.00	3,254.97	8,633.08	2,163.62	13,494.99	12,262.72	0.13	-0.12	0.275
15.00	-79.90	-30.80	0.00	-3,098.6	0.00	3,098.61	8,526.45	2,124.25	13,008.38	11,889.08	0.29	-0.18	0.270
20.00	-77.03	-30.34	0.00	-2,944.6	0.00	2,944.60	8,417.95	2,084.88	12,530.70	11,518.45	0.51	-0.24	0.265
25.00	-74.21	-29.88	0.00	-2,792.9	0.00	2,792.90	8,307.58	2,045.51	12,061.95	11,150.96	0.8	-0.3	0.260
30.00	-71.43	-29.42	0.00	-2,643.5	0.00	2,643.51	8,195.34	2,006.14	11,602.14	10,786.76	1.15	-0.37	0.254
35.00	-68.71	-29.08	0.00	-2,496.4	0.00	2,496.41	8,081.23	1,966.76	11,151.27	10,425.99	1.57	-0.43	0.248
37.00	-67.63	-28.84	0.00	-2,438.2	0.00	2,438.24	8,035.06	1,951.01	10,973.42	10,282.68	1.75	-0.45	0.246
40.00	-64.95	-28.44	0.00	-2,351.7	0.00	2,351.71	7,965.25	1,927.39	10,709.33	10,068.81	2.05	-0.49	0.242
45.00	-60.56	-27.91	0.00	-2,209.5	0.00	2,209.51	5,682.59	1,492.83	8,259.63	7,167.58	2.6	-0.55	0.319
50.00	-58.42	-27.40	0.00	-2,070.0	0.00	2,069.95	5,610.69	1,462.21	7,924.28	6,930.69	3.21	-0.61	0.309
55.00	-56.32	-26.89	0.00	-1,932.9	0.00	1,932.94	5,536.91	1,431.58	7,595.88	6,695.28	3.89	-0.69	0.299
60.00	-54.25	-26.37	0.00	-1,798.5	0.00	1,798.49	5,461.27	1,400.96	7,274.42	6,461.51	4.65	-0.76	0.289
65.00	-52.23	-25.85	0.00	-1,666.6	0.00	1,666.64	5,383.75	1,370.34	6,959.92	6,229.51	5.49	-0.84	0.278
70.00	-50.24	-25.32	0.00	-1,537.4	0.00	1,537.41	5,304.37	1,339.72	6,652.37	5,999.44	6.41	-0.91	0.266
75.00	-48.28	-24.78	0.00	-1,410.8	0.00	1,410.84	5,223.11	1,309.09	6,351.77	5,771.43	7.4	-0.98	0.254
80.00	-45.06	-24.36	0.00	-1,287.0	0.00	1,286.96	5,139.98	1,278.47	6,058.11	5,545.65	8.47	-1.05	0.241
82.00	-43.79	-24.08	0.00	-1,238.2	0.00	1,238.24	4,187.74	1,102.30	5,253.99	4,550.50	8.92	-1.08	0.283
85.00	-42.78	-23.66	0.00	-1,166.0	0.00	1,165.99	4,151.14	1,086.55	5,104.95	4,445.84	9.61	-1.12	0.273
90.00	-41.12	-23.12	0.00	-1,047.7	0.00	1,047.72	4,088.65	1,060.31	4,861.31	4,272.37	10.83	-1.2	0.256
95.00	-39.49	-22.58	0.00	-932.1	0.00	932.14	4,024.29	1,034.06	4,623.63	4,100.25	12.12	-1.27	0.238
100.00	-37.90	-22.04	0.00	-819.3	0.00	819.26	3,958.05	1,007.81	4,391.91	3,929.63	13.49	-1.34	0.219
105.00	-36.35	-21.65	0.00	-709.1	0.00	709.09	3,889.95	981.56	4,166.15	3,760.65	14.92	-1.4	0.198
107.00	-32.76	-20.34	0.00	-665.8	0.00	665.80	3,862.18	971.06	4,077.51	3,693.56	15.52	-1.43	0.189
109.00	-31.42	-19.27	0.00	-625.1	0.00	625.11	3,834.12	960.56	3,989.82	3,626.76	16.12	-1.45	0.181
110.00	-31.11	-19.00	0.00	-605.8	0.00	605.84	3,819.97	955.31	3,946.34	3,593.47	16.43	-1.46	0.177
114.25	-29.86	-18.71	0.00	-525.1	0.00	525.10	3,759.02	933.00	3,764.18	3,452.88	17.75	-1.51	0.160
115.00	-29.47	-18.57	0.00	-511.1	0.00	511.06	3,748.12	929.07	3,732.48	3,428.22	17.99	-1.52	0.157
117.00	-28.23	-18.13	0.00	-473.9	0.00	473.93	3,718.86	918.57	3,648.61	3,362.69	18.63	-1.54	0.149
120.00	-26.64	-17.20	0.00	-419.6	0.00	419.56	3,718.63	918.48	3,647.96	3,362.18	19.61	-1.57	0.132
125.00	-25.24	-16.67	0.00	-333.5	0.00	333.54	3,644.16	892.24	3,442.46	3,199.89	21.28	-1.61	0.112
130.00	-19.45	-13.16	0.00	-250.2	0.00	250.22	3,567.82	865.99	3,242.92	3,039.89	22.99	-1.65	0.088
135.00	-18.15	-12.64	0.00	-184.4	0.00	184.40	3,489.60	839.74	3,049.34	2,882.32	24.73	-1.68	0.069
140.00	-16.88	-12.26	0.00	-121.2	0.00	121.21	3,409.52	813.49	2,861.72	2,727.33	26.5	-1.7	0.050
142.00	-10.99	-8.20	0.00	-96.7	0.00	96.69	3,376.96	802.99	2,788.34	2,666.10	27.21	-1.71	0.040
145.00	-10.37	-7.81	0.00	-72.1	0.00	72.08	3,327.56	787.24	2,680.06	2,575.07	28.29	-1.72	0.031
150.00	-5.69	-5.79	0.00	-33.0	0.00	33.04	3,221.55	761.00	2,504.35	2,409.10	30.09	-1.72	0.016
151.40	-4.22	-3.39	0.00	-24.9	0.00	24.94	3,190.44	753.65	2,456.21	2,362.55	30.6	-1.73	0.012
152.00	-3.83	-2.99	0.00	-22.9	0.00	22.91	3,177.11	750.50	2,435.73	2,342.75	30.82	-1.73	0.011
154.00	-3.44	-2.76	0.00	-16.9	0.00	16.92	3,132.66	740.00	2,368.07	2,277.32	31.54	-1.73	0.009
155.00	-3.26	-2.49	0.00	-14.2	0.00	14.16	3,110.44	734.75	2,334.59	2,244.96	31.9	-1.73	0.007
160.00	0.00	-2.39	0.00	-1.7	0.00	1.72	2,999.32	708.50	2,170.80	2,086.61	33.71	-1.73	0.001

CALCULATED FORCES

Load Case: 0.9D + 1.0W		118 mph Wind with No Ice (Reduced DL)										20 Iterations		
Gust Response Factor:		1.10												
Dead load Factor:		0.90												
Wind Load Factor:		1.00												
Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (ft-kips)	Mu MZ (ft-kips)	Mu MX (ft-kips)	Resultant Moment (ft-kips)	Phi Pn (kips)	Phi Vn (kips)	Phi Tn (ft-kips)	Phi Mn (ft-kips)	Total Deflect (in)	Rotation (deg)	Ratio	
0.00	-66.59	-32.21	0.00	-3,550.6	0.00	3,550.55	8,840.73	2,242.37	14,495.03	13,018.39	0	0	0.280	
5.00	-64.32	-31.71	0.00	-3,389.5	0.00	3,389.50	8,737.84	2,203.00	13,990.54	12,639.20	0.03	-0.06	0.276	
10.00	-62.09	-31.22	0.00	-3,231.0	0.00	3,230.96	8,633.08	2,163.62	13,494.99	12,262.72	0.13	-0.12	0.271	
15.00	-59.90	-30.73	0.00	-3,074.9	0.00	3,074.88	8,526.45	2,124.25	13,008.38	11,889.08	0.29	-0.18	0.266	
20.00	-57.74	-30.25	0.00	-2,921.2	0.00	2,921.24	8,417.95	2,084.88	12,530.70	11,518.45	0.51	-0.24	0.261	
25.00	-55.61	-29.77	0.00	-2,770.0	0.00	2,770.02	8,307.58	2,045.51	12,061.95	11,150.96	0.79	-0.3	0.255	
30.00	-53.52	-29.29	0.00	-2,621.2	0.00	2,621.18	8,195.34	2,006.14	11,602.14	10,786.76	1.14	-0.36	0.250	
35.00	-51.48	-28.95	0.00	-2,474.7	0.00	2,474.72	8,081.23	1,966.76	11,151.27	10,425.99	1.56	-0.42	0.244	
37.00	-50.66	-28.70	0.00	-2,416.8	0.00	2,416.83	8,035.06	1,951.01	10,973.42	10,282.68	1.74	-0.45	0.242	
40.00	-48.65	-28.29	0.00	-2,330.7	0.00	2,330.72	7,965.25	1,927.39	10,709.33	10,068.81	2.03	-0.49	0.238	
45.00	-45.35	-27.75	0.00	-2,189.3	0.00	2,189.28	5,682.59	1,492.83	8,259.63	7,167.58	2.58	-0.55	0.314	
50.00	-43.74	-27.23	0.00	-2,050.5	0.00	2,050.51	5,610.69	1,462.21	7,924.28	6,930.69	3.18	-0.61	0.304	
55.00	-42.16	-26.71	0.00	-1,914.4	0.00	1,914.36	5,536.91	1,431.58	7,595.88	6,695.28	3.86	-0.68	0.294	
60.00	-40.60	-26.18	0.00	-1,780.8	0.00	1,780.83	5,461.27	1,400.96	7,274.42	6,461.51	4.62	-0.76	0.283	
65.00	-39.08	-25.64	0.00	-1,650.0	0.00	1,649.96	5,383.75	1,370.34	6,959.92	6,229.51	5.45	-0.83	0.272	
70.00	-37.58	-25.10	0.00	-1,521.8	0.00	1,521.76	5,304.37	1,339.72	6,652.37	5,999.44	6.36	-0.9	0.261	
75.00	-36.11	-24.55	0.00	-1,396.3	0.00	1,396.26	5,223.11	1,309.09	6,351.77	5,771.43	7.34	-0.97	0.249	
80.00	-33.69	-24.14	0.00	-1,273.5	0.00	1,273.49	5,139.98	1,278.47	6,058.11	5,545.65	8.4	-1.04	0.237	
82.00	-32.73	-23.86	0.00	-1,225.2	0.00	1,225.20	4,187.74	1,102.30	5,253.99	4,550.50	8.84	-1.07	0.278	
85.00	-31.97	-23.43	0.00	-1,153.6	0.00	1,153.62	4,151.14	1,086.55	5,104.95	4,445.84	9.53	-1.11	0.268	
90.00	-30.72	-22.89	0.00	-1,036.5	0.00	1,036.47	4,088.65	1,060.31	4,861.31	4,272.37	10.74	-1.19	0.251	
95.00	-29.50	-22.34	0.00	-922.0	0.00	922.04	4,024.29	1,034.06	4,623.63	4,100.25	12.02	-1.26	0.233	
100.00	-28.31	-21.80	0.00	-810.3	0.00	810.33	3,958.05	1,007.81	4,391.91	3,929.63	13.37	-1.32	0.214	
105.00	-27.14	-21.41	0.00	-701.3	0.00	701.34	3,889.95	981.56	4,166.15	3,760.65	14.79	-1.39	0.194	
107.00	-24.45	-20.13	0.00	-658.5	0.00	658.51	3,862.18	971.06	4,077.51	3,693.56	15.38	-1.41	0.185	
109.00	-23.45	-19.06	0.00	-618.3	0.00	618.26	3,834.12	960.56	3,989.82	3,626.76	15.98	-1.44	0.177	
110.00	-23.22	-18.79	0.00	-599.2	0.00	599.20	3,819.97	955.31	3,946.34	3,593.47	16.28	-1.45	0.173	
114.25	-22.28	-18.51	0.00	-519.4	0.00	519.35	3,759.02	933.00	3,764.18	3,452.88	17.59	-1.5	0.157	
115.00	-21.99	-18.36	0.00	-505.5	0.00	505.47	3,748.12	929.07	3,732.48	3,428.22	17.83	-1.5	0.154	
117.00	-21.06	-17.93	0.00	-468.8	0.00	468.75	3,718.86	918.57	3,648.61	3,362.69	18.47	-1.53	0.145	
120.00	-19.87	-17.01	0.00	-415.0	0.00	414.97	3,718.63	918.48	3,647.96	3,362.18	19.43	-1.55	0.129	
125.00	-18.82	-16.48	0.00	-329.9	0.00	329.92	3,644.16	892.24	3,442.46	3,199.89	21.09	-1.6	0.109	
130.00	-14.50	-13.02	0.00	-247.5	0.00	247.54	3,567.82	865.99	3,242.92	3,039.89	22.78	-1.63	0.086	
135.00	-13.53	-12.50	0.00	-182.5	0.00	182.46	3,489.60	839.74	3,049.34	2,882.32	24.51	-1.66	0.067	
140.00	-12.58	-12.13	0.00	-120.0	0.00	119.98	3,409.52	813.49	2,861.72	2,727.33	26.26	-1.68	0.048	
142.00	-8.19	-8.12	0.00	-95.7	0.00	95.73	3,376.96	802.99	2,788.34	2,666.10	26.97	-1.69	0.038	
145.00	-7.73	-7.73	0.00	-71.4	0.00	71.37	3,327.56	787.24	2,680.06	2,575.07	28.03	-1.7	0.030	
150.00	-4.23	-5.74	0.00	-32.7	0.00	32.74	3,221.55	761.00	2,504.35	2,409.10	29.82	-1.71	0.015	
151.40	-3.14	-3.35	0.00	-24.7	0.00	24.70	3,190.44	753.65	2,456.21	2,362.55	30.32	-1.71	0.011	
152.00	-2.85	-2.96	0.00	-22.7	0.00	22.69	3,177.11	750.50	2,435.73	2,342.75	30.53	-1.71	0.011	
154.00	-2.56	-2.74	0.00	-16.8	0.00	16.77	3,132.66	740.00	2,368.07	2,277.32	31.25	-1.71	0.008	
155.00	-2.43	-2.46	0.00	-14.0	0.00	14.03	3,110.44	734.75	2,334.59	2,244.96	31.61	-1.71	0.007	
160.00	0.00	-2.39	0.00	-1.7	0.00	1.72	2,999.32	708.50	2,170.80	2,086.61	33.4	-1.71	0.001	

CALCULATED FORCES

Load Case: 1.2D + 1.0Di + 1.0Wi			50 mph Wind with 1.5" Radial Ice								19 Iterations			
Gust Response Factor:		1.10	Ice Dead Load Factor		1.00									
Dead load Factor:		1.20	Ice Importance Factor											1.00
Wind Load Factor:		1.00												
Seg	Pu	Vu	Tu	Mu	Mu	Resultant	Phi	Phi	Phi	Phi	Total	Rotation		
Elev	FY (-)	FX (-)	MY	MZ	MX	Moment	Pn	Vn	Tn	Mn	Deflect	(deg)	Ratio	
(ft)	(kips)	(kips)	(ft-kips)	(ft-kips)	(ft-kips)	(ft-kips)	(kips)	(kips)	(ft-kips)	(ft-kips)	(in)			
0.00	-122.50	-9.43	0.00	-1,040.6	0.00	1,040.63	8,840.73	2,242.37	14,495.03	13,018.39	0	0	0.094	
5.00	-119.00	-9.29	0.00	-993.5	0.00	993.50	8,737.84	2,203.00	13,990.54	12,639.20	0.01	-0.02	0.092	
10.00	-115.49	-9.15	0.00	-947.0	0.00	947.05	8,633.08	2,163.62	13,494.99	12,262.72	0.04	-0.04	0.091	
15.00	-112.01	-9.02	0.00	-901.3	0.00	901.29	8,526.45	2,124.25	13,008.38	11,889.08	0.08	-0.05	0.089	
20.00	-108.56	-8.88	0.00	-856.2	0.00	856.20	8,417.95	2,084.88	12,530.70	11,518.45	0.15	-0.07	0.087	
25.00	-105.16	-8.75	0.00	-811.8	0.00	811.79	8,307.58	2,045.51	12,061.95	11,150.96	0.23	-0.09	0.085	
30.00	-101.80	-8.61	0.00	-768.0	0.00	768.04	8,195.34	2,006.14	11,602.14	10,786.76	0.33	-0.11	0.084	
35.00	-98.49	-8.52	0.00	-725.0	0.00	724.97	8,081.23	1,966.76	11,151.27	10,425.99	0.46	-0.12	0.082	
37.00	-97.18	-8.45	0.00	-707.9	0.00	707.94	8,035.06	1,951.01	10,973.42	10,282.68	0.51	-0.13	0.081	
40.00	-94.15	-8.33	0.00	-682.6	0.00	682.60	7,965.25	1,927.39	10,709.33	10,068.81	0.6	-0.14	0.080	
45.00	-89.17	-8.17	0.00	-641.0	0.00	640.97	5,682.59	1,492.83	8,259.63	7,167.58	0.76	-0.16	0.105	
50.00	-86.45	-8.02	0.00	-600.1	0.00	600.13	5,610.69	1,462.21	7,924.28	6,930.69	0.93	-0.18	0.102	
55.00	-83.78	-7.87	0.00	-560.0	0.00	560.04	5,536.91	1,431.58	7,595.88	6,695.28	1.13	-0.2	0.099	
60.00	-81.15	-7.71	0.00	-520.7	0.00	520.71	5,461.27	1,400.96	7,274.42	6,461.51	1.35	-0.22	0.095	
65.00	-78.56	-7.55	0.00	-482.2	0.00	482.15	5,383.75	1,370.34	6,959.92	6,229.51	1.6	-0.24	0.092	
70.00	-76.01	-7.39	0.00	-444.4	0.00	444.38	5,304.37	1,339.72	6,652.37	5,999.44	1.86	-0.26	0.088	
75.00	-73.51	-7.23	0.00	-407.4	0.00	407.41	5,223.11	1,309.09	6,351.77	5,771.43	2.15	-0.28	0.085	
80.00	-69.74	-7.11	0.00	-371.2	0.00	371.25	5,139.98	1,278.47	6,058.11	5,545.65	2.46	-0.31	0.081	
82.00	-68.25	-7.02	0.00	-357.0	0.00	357.04	4,187.74	1,102.30	5,253.99	4,550.50	2.59	-0.31	0.095	
85.00	-66.92	-6.89	0.00	-336.0	0.00	335.97	4,151.14	1,086.55	5,104.95	4,445.84	2.79	-0.33	0.092	
90.00	-64.73	-6.73	0.00	-301.5	0.00	301.51	4,088.65	1,060.31	4,861.31	4,272.37	3.14	-0.35	0.086	
95.00	-62.58	-6.56	0.00	-267.9	0.00	267.88	4,024.29	1,034.06	4,623.63	4,100.25	3.52	-0.37	0.081	
100.00	-60.47	-6.40	0.00	-235.1	0.00	235.07	3,958.05	1,007.81	4,391.91	3,929.63	3.91	-0.39	0.075	
105.00	-58.41	-6.27	0.00	-203.1	0.00	203.09	3,889.95	981.56	4,166.15	3,760.65	4.33	-0.41	0.069	
107.00	-53.26	-5.84	0.00	-190.6	0.00	190.55	3,862.18	971.06	4,077.51	3,693.56	4.5	-0.41	0.065	
109.00	-50.71	-5.57	0.00	-178.9	0.00	178.87	3,834.12	960.56	3,989.82	3,626.76	4.68	-0.42	0.063	
110.00	-50.31	-5.48	0.00	-173.3	0.00	173.31	3,819.97	955.31	3,946.34	3,593.47	4.77	-0.42	0.061	
114.25	-48.63	-5.39	0.00	-150.0	0.00	150.00	3,759.02	933.00	3,764.18	3,452.88	5.15	-0.44	0.056	
115.00	-48.18	-5.35	0.00	-146.0	0.00	145.96	3,748.12	929.07	3,732.48	3,428.22	5.22	-0.44	0.055	
117.00	-46.44	-5.20	0.00	-135.3	0.00	135.27	3,718.86	918.57	3,648.61	3,362.69	5.4	-0.45	0.053	
120.00	-44.31	-4.93	0.00	-119.7	0.00	119.67	3,718.63	918.48	3,647.96	3,362.18	5.69	-0.45	0.048	
125.00	-42.43	-4.76	0.00	-95.0	0.00	95.00	3,644.16	892.24	3,442.46	3,199.89	6.17	-0.47	0.041	
130.00	-32.98	-3.77	0.00	-71.2	0.00	71.19	3,567.82	865.99	3,242.92	3,039.89	6.66	-0.48	0.033	
135.00	-31.22	-3.60	0.00	-52.3	0.00	52.33	3,489.60	839.74	3,049.34	2,882.32	7.17	-0.48	0.027	
140.00	-29.50	-3.48	0.00	-34.3	0.00	34.32	3,409.52	813.49	2,861.72	2,727.33	7.68	-0.49	0.021	
142.00	-18.88	-2.39	0.00	-27.4	0.00	27.36	3,376.96	802.99	2,788.34	2,666.10	7.88	-0.49	0.016	
145.00	-17.99	-2.26	0.00	-20.2	0.00	20.18	3,327.56	787.24	2,680.06	2,575.07	8.19	-0.5	0.013	
150.00	-10.95	-1.56	0.00	-8.9	0.00	8.87	3,221.55	761.00	2,504.35	2,409.10	8.71	-0.5	0.007	
151.40	-7.37	-0.94	0.00	-6.7	0.00	6.69	3,190.44	753.65	2,456.21	2,362.55	8.86	-0.5	0.005	
152.00	-6.65	-0.83	0.00	-6.1	0.00	6.12	3,177.11	750.50	2,435.73	2,342.75	8.92	-0.5	0.005	
154.00	-6.02	-0.76	0.00	-4.5	0.00	4.46	3,132.66	740.00	2,368.07	2,277.32	9.13	-0.5	0.004	
155.00	-5.76	-0.67	0.00	-3.7	0.00	3.70	3,110.44	734.75	2,334.59	2,244.96	9.24	-0.5	0.004	
160.00	0.00	-0.62	0.00	-0.3	0.00	0.34	2,999.32	708.50	2,170.80	2,086.61	9.76	-0.5	0.000	

CALCULATED FORCES

Load Case: 1.0D + 1.0W

60 mph Wind with No Ice

19 Iterations

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

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (ft-kips)	Mu MZ (ft-kips)	Mu MX (ft-kips)	Resultant Moment (ft-kips)	Phi Pn (kips)	Phi Vn (kips)	Phi Tn (ft-kips)	Phi Mn (ft-kips)	Total Deflect (in)	Rotation (deg)	Ratio
0.00	-74.01	-7.45	0.00	-823.3	0.00	823.27	8,840.73	2,242.37	14,495.03	13,018.39	0	0	0.072
5.00	-71.52	-7.34	0.00	-786.0	0.00	786.01	8,737.84	2,203.00	13,990.54	12,639.20	0.01	-0.01	0.070
10.00	-69.08	-7.23	0.00	-749.3	0.00	749.32	8,633.08	2,163.62	13,494.99	12,262.72	0.03	-0.03	0.069
15.00	-66.67	-7.11	0.00	-713.2	0.00	713.20	8,526.45	2,124.25	13,008.38	11,889.08	0.07	-0.04	0.068
20.00	-64.31	-7.00	0.00	-677.6	0.00	677.63	8,417.95	2,084.88	12,530.70	11,518.45	0.12	-0.06	0.066
25.00	-61.98	-6.89	0.00	-642.6	0.00	642.61	8,307.58	2,045.51	12,061.95	11,150.96	0.18	-0.07	0.065
30.00	-59.68	-6.79	0.00	-608.1	0.00	608.14	8,195.34	2,006.14	11,602.14	10,786.76	0.26	-0.08	0.064
35.00	-57.43	-6.71	0.00	-574.2	0.00	574.21	8,081.23	1,966.76	11,151.27	10,425.99	0.36	-0.1	0.062
37.00	-56.54	-6.65	0.00	-560.8	0.00	560.80	8,035.06	1,951.01	10,973.42	10,282.68	0.4	-0.1	0.062
40.00	-54.32	-6.56	0.00	-540.8	0.00	540.85	7,965.25	1,927.39	10,709.33	10,068.81	0.47	-0.11	0.061
45.00	-50.69	-6.43	0.00	-508.1	0.00	508.07	5,682.59	1,492.83	8,259.63	7,167.58	0.6	-0.13	0.080
50.00	-48.93	-6.31	0.00	-475.9	0.00	475.91	5,610.69	1,462.21	7,924.28	6,930.69	0.74	-0.14	0.077
55.00	-47.20	-6.19	0.00	-444.4	0.00	444.35	5,536.91	1,431.58	7,595.88	6,695.28	0.9	-0.16	0.075
60.00	-45.50	-6.07	0.00	-413.4	0.00	413.39	5,461.27	1,400.96	7,274.42	6,461.51	1.07	-0.18	0.072
65.00	-43.83	-5.95	0.00	-383.0	0.00	383.04	5,383.75	1,370.34	6,959.92	6,229.51	1.26	-0.19	0.070
70.00	-42.18	-5.82	0.00	-353.3	0.00	353.30	5,304.37	1,339.72	6,652.37	5,999.44	1.47	-0.21	0.067
75.00	-40.57	-5.70	0.00	-324.2	0.00	324.18	5,223.11	1,309.09	6,351.77	5,771.43	1.7	-0.23	0.064
80.00	-37.90	-5.60	0.00	-295.7	0.00	295.70	5,139.98	1,278.47	6,058.11	5,545.65	1.95	-0.24	0.061
82.00	-36.85	-5.54	0.00	-284.5	0.00	284.49	4,187.74	1,102.30	5,253.99	4,550.50	2.05	-0.25	0.071
85.00	-36.01	-5.44	0.00	-267.9	0.00	267.88	4,151.14	1,086.55	5,104.95	4,445.84	2.21	-0.26	0.069
90.00	-34.65	-5.31	0.00	-240.7	0.00	240.69	4,088.65	1,060.31	4,861.31	4,272.37	2.49	-0.28	0.065
95.00	-33.31	-5.19	0.00	-214.1	0.00	214.13	4,024.29	1,034.06	4,623.63	4,100.25	2.79	-0.29	0.061
100.00	-31.99	-5.06	0.00	-188.2	0.00	188.19	3,958.05	1,007.81	4,391.91	3,929.63	3.1	-0.31	0.056
105.00	-30.70	-4.97	0.00	-162.9	0.00	162.88	3,889.95	981.56	4,166.15	3,760.65	3.43	-0.32	0.051
107.00	-27.69	-4.67	0.00	-152.9	0.00	152.94	3,862.18	971.06	4,077.51	3,693.56	3.57	-0.33	0.049
109.00	-26.55	-4.43	0.00	-143.6	0.00	143.59	3,834.12	960.56	3,989.82	3,626.76	3.71	-0.33	0.047
110.00	-26.31	-4.36	0.00	-139.2	0.00	139.16	3,819.97	955.31	3,946.34	3,593.47	3.78	-0.34	0.046
114.25	-25.26	-4.30	0.00	-120.6	0.00	120.62	3,759.02	933.00	3,764.18	3,452.88	4.08	-0.35	0.042
115.00	-24.94	-4.26	0.00	-117.4	0.00	117.40	3,748.12	929.07	3,732.48	3,428.22	4.14	-0.35	0.041
117.00	-23.90	-4.16	0.00	-108.9	0.00	108.87	3,718.86	918.57	3,648.61	3,362.69	4.29	-0.35	0.039
120.00	-22.56	-3.95	0.00	-96.4	0.00	96.38	3,718.63	918.48	3,647.96	3,362.18	4.51	-0.36	0.035
125.00	-21.39	-3.83	0.00	-76.6	0.00	76.62	3,644.16	892.24	3,442.46	3,199.89	4.89	-0.37	0.030
130.00	-16.50	-3.02	0.00	-57.5	0.00	57.49	3,567.82	865.99	3,242.92	3,039.89	5.29	-0.38	0.024
135.00	-15.41	-2.90	0.00	-42.4	0.00	42.37	3,489.60	839.74	3,049.34	2,882.32	5.69	-0.39	0.019
140.00	-14.35	-2.82	0.00	-27.9	0.00	27.86	3,409.52	813.49	2,861.72	2,727.33	6.09	-0.39	0.014
142.00	-9.35	-1.89	0.00	-22.2	0.00	22.23	3,376.96	802.99	2,788.34	2,666.10	6.26	-0.39	0.011
145.00	-8.82	-1.79	0.00	-16.6	0.00	16.57	3,327.56	787.24	2,680.06	2,575.07	6.51	-0.39	0.009
150.00	-4.88	-1.33	0.00	-7.6	0.00	7.60	3,221.55	761.00	2,504.35	2,409.10	6.92	-0.4	0.005
151.40	-3.59	-0.78	0.00	-5.7	0.00	5.73	3,190.44	753.65	2,456.21	2,362.55	7.04	-0.4	0.004
152.00	-3.26	-0.69	0.00	-5.3	0.00	5.27	3,177.11	750.50	2,435.73	2,342.75	7.09	-0.4	0.003
154.00	-2.93	-0.64	0.00	-3.9	0.00	3.89	3,132.66	740.00	2,368.07	2,277.32	7.25	-0.4	0.003
155.00	-2.78	-0.57	0.00	-3.3	0.00	3.26	3,110.44	734.75	2,334.59	2,244.96	7.34	-0.4	0.002
160.00	0.00	-0.55	0.00	-0.4	0.00	0.40	2,999.32	708.50	2,170.80	2,086.61	7.75	-0.4	0.000

EQUIVALENT LATERAL FORCES METHOD ANALYSIS

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

Spectral Response Acceleration for Short Period (S_S):	0.182
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}):	0.194
Design Spectral Response Acceleration at 1.0 Second Period (S_{d1}):	0.088
Seismic Response Coefficient (C_s):	0.031
Upper Limit C_s :	0.031
Lower Limit C_s :	0.030
Period based on Rayleigh Method (sec):	1.870
Redundancy Factor (p):	1.000
Seismic Force Distribution Exponent (k):	1.690
Total Unfactored Dead Load:	74.010 k
Seismic Base Shear (E):	2.320 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)
42	157.5	737	3,727	0.024	56	913
41	154.5	151	737	0.005	11	186
40	153	309	1,489	0.010	22	383
39	151.7	94	444	0.003	7	116
38	150.7	234	1,096	0.007	17	289
37	147.5	850	3,849	0.025	58	1,054
36	143.5	522	2,258	0.015	34	647
35	141	417	1,750	0.011	26	517
34	137.5	1,062	4,272	0.028	64	1,316
33	132.5	1,088	4,109	0.027	62	1,348
32	127.5	1,142	4,042	0.026	61	1,415
31	122.5	1,167	3,863	0.025	58	1,446
30	118.5	1,257	3,934	0.026	59	1,557
29	116	848	2,561	0.017	39	1,051
28	114.625	320	947	0.006	14	397
27	112.125	1,045	2,979	0.019	45	1,295
26	109.5	249	681	0.004	10	308
25	108	505	1,351	0.009	20	625
24	106	509	1,320	0.009	20	631
23	102.5	1,290	3,162	0.021	48	1,598
22	97.5	1,316	2,963	0.019	45	1,630
21	92.5	1,341	2,764	0.018	42	1,661
20	87.5	1,367	2,565	0.017	39	1,693
19	83.5	832	1,443	0.009	22	1,031
18	81	1,053	1,736	0.011	26	1,305
17	77.5	2,672	4,087	0.027	62	3,310
16	72.5	1,610	2,201	0.014	33	1,994
15	67.5	1,640	1,987	0.013	30	2,031
14	62.5	1,669	1,777	0.012	27	2,068
13	57.5	1,699	1,571	0.010	24	2,105
12	52.5	1,729	1,371	0.009	21	2,141
11	47.5	1,758	1,178	0.008	18	2,178
10	42.5	3,637	2,021	0.013	31	4,506
9	38.5	2,215	1,042	0.007	16	2,744
8	36	890	374	0.002	6	1,103
7	32.5	2,252	796	0.005	12	2,789
6	27.5	2,290	611	0.004	9	2,837
5	22.5	2,328	443	0.003	7	2,884

ASSET: 302529, Vernon CT 6
CUSTOMER: VERIZON WIRELESS

CODE: ANSI/TIA-222-H
PROJECT: 14519509_C3_07

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)
4		17.5	2,366	295	0.002	4	2,931
3		12.5	2,404	170	0.001	3	2,979
2		7.5	2,443	73	0.000	1	3,026
1		2.5	2,481	12	0.000	0	3,073
Decibel DB844H90E-XY		160	168	872	0.006	13	208
Generic Flat Low Profile Platform		160	1,875	9,733	0.063	147	2,323
RFS DB-B1-6C-12AB-OZ		154	21	104	0.001	2	27
Samsung MT6407-77A		152	245	1,166	0.008	18	303
Kaelus KA-6030		151.4	70	333	0.002	5	87
Samsung XXDWMM-12.5-65-8T-CBRS		151.4	69	328	0.002	5	86
Samsung B2/B66A RRH-BR049		151.4	253	1,197	0.008	18	314
Samsung B5/B13 RRH-BR04C		151.4	211	997	0.006	15	261
Raycap RRFDC-3315-PF-48		151.4	27	127	0.001	2	33
Andrew SBNHH-1D65B		151.4	304	1,439	0.009	22	377
Andrew LNX-6514DS-A1M		151.4	116	551	0.004	8	144
Generic Mount Reinforcement		150	600	2,794	0.018	42	743
Generic Round Platform with Handrails		150	2,500	11,640	0.076	176	3,097
Generic Round Platform with Handrails		130	2,500	9,145	0.060	138	3,097
Generic Round Platform with Handrails		107	2,500	6,587	0.043	99	3,097
Raycap DC9-48-60-24-8C-EV		142	16	68	0.000	1	20
Powerwave Allgon LGP21401		142	85	359	0.002	5	105
Raycap DC6-48-60-18-8F (23.5" Height)		142	20	85	0.001	1	25
Raycap DC6-48-60-18-8F ("Squid")		142	19	80	0.000	1	23
Ericsson RRUS 4426 B66		142	145	616	0.004	9	180
Ericsson RRUS 4415 B25		142	138	586	0.004	9	171
Ericsson RRUS 4478 B14		142	180	763	0.005	12	223
Ericsson RRUS 4449 B5, B12		142	213	904	0.006	14	264
Ericsson RRUS 32 (50.8 lbs)		142	152	647	0.004	10	189
Ericsson AIR 6419 B77G		142	198	842	0.006	13	246
Ericsson Air 6449 B77D		142	245	1,039	0.007	16	303
CCI TPA-65R-BU6DA-K		142	207	879	0.006	13	256
CCI DMP65R-BU6DA		142	238	1,011	0.007	15	295
SitePro1 VFA14-H10-2120 Sector Frame		142	2,737	11,617	0.076	175	3,390
Ericsson Radio 4460 B25+B66		130	327	1,196	0.008	18	405
Ericsson Radio 4480 B71+B85A		130	252	922	0.006	14	312
Ericsson Air6449 B41		130	312	1,141	0.007	17	387
RFS APXVAALL24 43-U-NA20		130	368	1,348	0.009	20	456
RFS APXV18-206517S-C		120	79	253	0.002	4	98
Flush Mounts		117	195	597	0.004	9	242
Commscope RDIDC-9181-PF-48		109	22	60	0.000	1	27
Fujitsu TA08025-B605		109	225	612	0.004	9	279
Fujitsu TA08025-B604		109	192	521	0.003	8	237
JMA Wireless MX08FRO665-21		109	194	526	0.003	8	240
Totals:			74,007	153,735	1.000	2,320	91,681

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)
42		157.5	737	3,727	0.024	56	635
41		154.5	151	737	0.005	11	130
40		153	309	1,489	0.010	22	266
39		151.7	94	444	0.003	7	81
38		150.7	234	1,096	0.007	17	201
37		147.5	850	3,849	0.025	58	732
36		143.5	522	2,258	0.015	34	450
35		141	417	1,750	0.011	26	359
34		137.5	1,062	4,272	0.028	64	915
33		132.5	1,088	4,109	0.027	62	937
32		127.5	1,142	4,042	0.026	61	983
31		122.5	1,167	3,863	0.025	58	1,005

ASSET: 302529, Vernon CT 6
CUSTOMER: VERIZON WIRELESS

CODE: ANSI/TIA-222-H
PROJECT: 14519509_C3_07

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)
30	118.5	1,257	3,934	0.026	59	1,083
29	116	848	2,561	0.017	39	730
28	114.625	320	947	0.006	14	276
27	112.125	1,045	2,979	0.019	45	900
26	109.5	249	681	0.004	10	214
25	108	505	1,351	0.009	20	435
24	106	509	1,320	0.009	20	438
23	102.5	1,290	3,162	0.021	48	1,111
22	97.5	1,316	2,963	0.019	45	1,133
21	92.5	1,341	2,764	0.018	42	1,155
20	87.5	1,367	2,565	0.017	39	1,177
19	83.5	832	1,443	0.009	22	717
18	81	1,053	1,736	0.011	26	907
17	77.5	2,672	4,087	0.027	62	2,301
16	72.5	1,610	2,201	0.014	33	1,386
15	67.5	1,640	1,987	0.013	30	1,412
14	62.5	1,669	1,777	0.012	27	1,437
13	57.5	1,699	1,571	0.010	24	1,463
12	52.5	1,729	1,371	0.009	21	1,489
11	47.5	1,758	1,178	0.008	18	1,514
10	42.5	3,637	2,021	0.013	31	3,132
9	38.5	2,215	1,042	0.007	16	1,908
8	36	890	374	0.002	6	766
7	32.5	2,252	796	0.005	12	1,939
6	27.5	2,290	611	0.004	9	1,972
5	22.5	2,328	443	0.003	7	2,005
4	17.5	2,366	295	0.002	4	2,038
3	12.5	2,404	170	0.001	3	2,071
2	7.5	2,443	73	0.000	1	2,103
1	2.5	2,481	12	0.000	0	2,136
Decibel DB844H90E-XY	160	168	872	0.006	13	145
Generic Flat Low Profile Platform	160	1,875	9,733	0.063	147	1,615
RFS DB-B1-6C-12AB-0Z	154	21	104	0.001	2	18
Samsung MT6407-77A	152	245	1,166	0.008	18	211
Kaelus KA-6030	151.4	70	333	0.002	5	61
Samsung XXDWMM-12.5-65-8T-CBRS	151.4	69	328	0.002	5	60
Samsung B2/B66A RRH-BR049	151.4	253	1,197	0.008	18	218
Samsung B5/B13 RRH-BR04C	151.4	211	997	0.006	15	182
Raycap RRFDC-3315-PF-48	151.4	27	127	0.001	2	23
Andrew SBNHH-1D65B	151.4	304	1,439	0.009	22	262
Andrew LNX-6514DS-A1M	151.4	116	551	0.004	8	100
Generic Mount Reinforcement	150	600	2,794	0.018	42	517
Generic Round Platform with Handrails	150	2,500	11,640	0.076	176	2,153
Generic Round Platform with Handrails	130	2,500	9,145	0.060	138	2,153
Generic Round Platform with Handrails	107	2,500	6,587	0.043	99	2,153
Raycap DC9-48-60-24-8C-EV	142	16	68	0.000	1	14
Powerwave Allgon LGP21401	142	85	359	0.002	5	73
Raycap DC6-48-60-18-8F (23.5" Height)	142	20	85	0.001	1	17
Raycap DC6-48-60-18-8F ("Squid")	142	19	80	0.000	1	16
Ericsson RRUS 4426 B66	142	145	616	0.004	9	125
Ericsson RRUS 4415 B25	142	138	586	0.004	9	119
Ericsson RRUS 4478 B14	142	180	763	0.005	12	155
Ericsson RRUS 4449 B5, B12	142	213	904	0.006	14	183
Ericsson RRUS 32 (50.8 lbs)	142	152	647	0.004	10	131
Ericsson AIR 6419 B77G	142	198	842	0.006	13	171
Ericsson Air 6449 B77D	142	245	1,039	0.007	16	211
CCI TPA-65R-BU6DA-K	142	207	879	0.006	13	178
CCI DMP65R-BU6DA	142	238	1,011	0.007	15	205
SitePro1 VFA14-H10-2120 Sector Frame	142	2,737	11,617	0.076	175	2,357
Ericsson Radio 4460 B25+B66	130	327	1,196	0.008	18	282
Ericsson Radio 4480 B71+B85A	130	252	922	0.006	14	217

SEISMIC FORCES

0.9D - 1.0Ev + 1.0Eh

Seismic (Reduced DL)

Segment	Height Above Base (ft)	Weight (lb)	W _z (lb-ft)	C _{vx}	Horizontal Force (lb)	Vertical Force (lb)
Ericsson Air6449 B41	130	312	1,141	0.007	17	269
RFS APXVAALL24 43-U-NA20	130	368	1,348	0.009	20	317
RFS APXV18-206517S-C	120	79	253	0.002	4	68
Flush Mounts	117	195	597	0.004	9	168
Commscope RDIDC-9181-PF-48	109	22	60	0.000	1	19
Fujitsu TA08025-B605	109	225	612	0.004	9	194
Fujitsu TA08025-B604	109	192	521	0.003	8	165
JMA Wireless MX08FRO665-21	109	194	526	0.003	8	167
Totals:		74,007	153,735	1.000	2,320	63,732

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	-88.61	-2.32	0.00	-289.42	0.00	289.42	8,840.73	2,242.37	14,495	13,018.39	0.00	0.00	0.03
5.00	-85.58	-2.33	0.00	-277.80	0.00	277.80	8,737.84	2,203.00	13,991	12,639.20	0.00	0.00	0.03
10.00	-82.60	-2.33	0.00	-266.16	0.00	266.16	8,633.08	2,163.62	13,495	12,262.72	0.01	-0.01	0.03
15.00	-79.67	-2.34	0.00	-254.49	0.00	254.49	8,526.45	2,124.25	13,008	11,889.08	0.02	-0.01	0.03
20.00	-76.79	-2.33	0.00	-242.81	0.00	242.81	8,417.95	2,084.88	12,531	11,518.45	0.04	-0.02	0.03
25.00	-73.95	-2.33	0.00	-231.14	0.00	231.14	8,307.58	2,045.51	12,062	11,150.96	0.07	-0.02	0.03
30.00	-71.16	-2.32	0.00	-219.49	0.00	219.49	8,195.34	2,006.14	11,602	10,786.76	0.09	-0.03	0.03
35.00	-70.06	-2.32	0.00	-207.87	0.00	207.87	8,081.23	1,966.76	11,151	10,425.99	0.13	-0.04	0.03
37.00	-67.31	-2.31	0.00	-203.23	0.00	203.23	8,035.06	1,951.01	10,973	10,282.68	0.14	-0.04	0.03
40.00	-62.81	-2.28	0.00	-196.30	0.00	196.30	7,965.25	1,927.39	10,709	10,068.81	0.17	-0.04	0.03
45.00	-60.63	-2.26	0.00	-184.91	0.00	184.91	5,682.59	1,492.83	8,260	7,167.58	0.21	-0.05	0.04
50.00	-58.49	-2.25	0.00	-173.59	0.00	173.59	5,610.69	1,462.21	7,924	6,930.69	0.26	-0.05	0.04
55.00	-56.38	-2.23	0.00	-162.35	0.00	162.35	5,536.91	1,431.58	7,596	6,695.28	0.32	-0.06	0.03
60.00	-54.31	-2.21	0.00	-151.21	0.00	151.21	5,461.27	1,400.96	7,274	6,461.51	0.38	-0.06	0.03
65.00	-52.28	-2.18	0.00	-140.18	0.00	140.18	5,383.75	1,370.34	6,960	6,229.51	0.45	-0.07	0.03
70.00	-50.29	-2.15	0.00	-129.28	0.00	129.28	5,304.37	1,339.72	6,652	5,999.44	0.53	-0.08	0.03
75.00	-46.98	-2.09	0.00	-118.54	0.00	118.54	5,223.11	1,309.09	6,352	5,771.43	0.61	-0.08	0.03
80.00	-45.67	-2.06	0.00	-108.11	0.00	108.11	5,139.98	1,278.47	6,058	5,545.65	0.70	-0.09	0.03
82.00	-44.64	-2.04	0.00	-103.98	0.00	103.98	4,187.74	1,102.30	5,254	4,550.50	0.74	-0.09	0.03
85.00	-42.95	-2.00	0.00	-97.86	0.00	97.86	4,151.14	1,086.55	5,105	4,445.84	0.80	-0.09	0.03
90.00	-41.29	-1.96	0.00	-87.84	0.00	87.84	4,088.65	1,060.31	4,861	4,272.37	0.90	-0.10	0.03
95.00	-39.66	-1.92	0.00	-78.03	0.00	78.03	4,024.29	1,034.06	4,624	4,100.25	1.00	-0.11	0.03
100.00	-38.06	-1.87	0.00	-68.43	0.00	68.43	3,958.05	1,007.81	4,392	3,929.63	1.12	-0.11	0.03
105.00	-37.43	-1.85	0.00	-59.07	0.00	59.07	3,889.95	981.56	4,166	3,760.65	1.24	-0.12	0.03
107.00	-33.71	-1.73	0.00	-55.36	0.00	55.36	3,862.18	971.06	4,078	3,693.56	1.29	-0.12	0.02
109.00	-32.62	-1.69	0.00	-51.90	0.00	51.90	3,834.12	960.56	3,990	3,626.76	1.34	-0.12	0.02
110.00	-31.32	-1.64	0.00	-50.21	0.00	50.21	3,819.97	955.31	3,946	3,593.47	1.36	-0.12	0.02
114.25	-30.93	-1.63	0.00	-43.23	0.00	43.23	3,759.02	933.00	3,764	3,452.88	1.47	-0.13	0.02
115.00	-29.87	-1.59	0.00	-42.00	0.00	42.00	3,748.12	929.07	3,732	3,428.22	1.49	-0.13	0.02
117.00	-28.08	-1.52	0.00	-38.82	0.00	38.82	3,718.86	918.57	3,649	3,362.69	1.55	-0.13	0.02
120.00	-26.53	-1.45	0.00	-34.27	0.00	34.27	3,718.63	918.48	3,648	3,362.18	1.63	-0.13	0.02
125.00	-25.12	-1.39	0.00	-27.00	0.00	27.00	3,644.16	892.24	3,442	3,199.89	1.77	-0.13	0.02
130.00	-19.11	-1.11	0.00	-20.04	0.00	20.04	3,567.82	865.99	3,243	3,039.89	1.91	-0.14	0.01
135.00	-17.80	-1.04	0.00	-14.50	0.00	14.50	3,489.60	839.74	3,049	2,882.32	2.05	-0.14	0.01
140.00	-17.28	-1.01	0.00	-9.30	0.00	9.30	3,409.52	813.49	2,862	2,727.33	2.20	-0.14	0.01
142.00	-10.94	-0.67	0.00	-7.27	0.00	7.27	3,376.96	802.99	2,788	2,666.10	2.26	-0.14	0.01
145.00	-9.89	-0.61	0.00	-5.26	0.00	5.26	3,327.56	787.24	2,680	2,575.07	2.35	-0.14	0.01
150.00	-5.76	-0.36	0.00	-2.21	0.00	2.21	3,221.55	761.00	2,504	2,409.10	2.50	-0.14	0.00
151.40	-4.34	-0.28	0.00	-1.70	0.00	1.70	3,190.44	753.65	2,456	2,362.55	2.54	-0.14	0.00
152.00	-3.66	-0.24	0.00	-1.53	0.00	1.53	3,177.11	750.50	2,436	2,342.75	2.56	-0.14	0.00
154.00	-3.44	-0.22	0.00	-1.06	0.00	1.06	3,132.66	740.00	2,368	2,277.32	2.62	-0.14	0.00
155.00	-2.53	-0.17	0.00	-0.83	0.00	0.83	3,110.44	734.75	2,335	2,244.96	2.65	-0.14	0.00
160.00	0.00	-0.16	0.00	0.00	0.00	0.00	2,999.32	708.50	2,171	2,086.61	2.80	-0.14	0.00

0.9D - 1.0Ev + 1.0Eh

Seismic (Reduced DL)

ASSET: 302529, Vernon CT 6
CUSTOMER: VERIZON WIRELESS

CODE: ANSI/TIA-222-H
PROJECT: 14519509_C3_07

CALCULATED FORCES

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 (kips)	Phi Mn (kips)	Total Deflect (in)	Rotation (deg)	Ratio
0.00	-61.60	-2.32	0.00	-287.01	0.00	287.01	8,840.73	2,242.37	14,495	13,018.39	0.00	0.00	0.03
5.00	-59.49	-2.33	0.00	-275.40	0.00	275.40	8,737.84	2,203.00	13,991	12,639.20	0.00	0.00	0.03
10.00	-57.42	-2.33	0.00	-263.77	0.00	263.77	8,633.08	2,163.62	13,495	12,262.72	0.01	-0.01	0.03
15.00	-55.38	-2.33	0.00	-252.13	0.00	252.13	8,526.45	2,124.25	13,008	11,889.08	0.02	-0.01	0.03
20.00	-53.38	-2.33	0.00	-240.49	0.00	240.49	8,417.95	2,084.88	12,531	11,518.45	0.04	-0.02	0.03
25.00	-51.41	-2.32	0.00	-228.86	0.00	228.86	8,307.58	2,045.51	12,062	11,150.96	0.06	-0.02	0.03
30.00	-49.47	-2.31	0.00	-217.27	0.00	217.27	8,195.34	2,006.14	11,602	10,786.76	0.09	-0.03	0.03
35.00	-48.70	-2.31	0.00	-205.71	0.00	205.71	8,081.23	1,966.76	11,151	10,425.99	0.13	-0.03	0.03
37.00	-46.79	-2.29	0.00	-201.09	0.00	201.09	8,035.06	1,951.01	10,973	10,282.68	0.14	-0.04	0.03
40.00	-43.66	-2.26	0.00	-194.21	0.00	194.21	7,965.25	1,927.39	10,709	10,068.81	0.17	-0.04	0.03
45.00	-42.15	-2.25	0.00	-182.89	0.00	182.89	5,682.59	1,492.83	8,260	7,167.58	0.21	-0.05	0.03
50.00	-40.66	-2.23	0.00	-171.65	0.00	171.65	5,610.69	1,462.21	7,924	6,930.69	0.26	-0.05	0.03
55.00	-39.19	-2.21	0.00	-160.50	0.00	160.50	5,536.91	1,431.58	7,596	6,695.28	0.32	-0.06	0.03
60.00	-37.76	-2.19	0.00	-149.45	0.00	149.45	5,461.27	1,400.96	7,274	6,461.51	0.38	-0.06	0.03
65.00	-36.34	-2.16	0.00	-138.52	0.00	138.52	5,383.75	1,370.34	6,960	6,229.51	0.45	-0.07	0.03
70.00	-34.96	-2.13	0.00	-127.73	0.00	127.73	5,304.37	1,339.72	6,652	5,999.44	0.52	-0.07	0.03
75.00	-32.66	-2.07	0.00	-117.09	0.00	117.09	5,223.11	1,309.09	6,352	5,771.43	0.61	-0.08	0.03
80.00	-31.75	-2.04	0.00	-106.77	0.00	106.77	5,139.98	1,278.47	6,058	5,545.65	0.69	-0.09	0.03
82.00	-31.03	-2.02	0.00	-102.69	0.00	102.69	4,187.74	1,102.30	5,254	4,550.50	0.73	-0.09	0.03
85.00	-29.86	-1.98	0.00	-96.63	0.00	96.63	4,151.14	1,086.55	5,105	4,445.84	0.79	-0.09	0.03
90.00	-28.70	-1.94	0.00	-86.73	0.00	86.73	4,088.65	1,060.31	4,861	4,272.37	0.89	-0.10	0.03
95.00	-27.57	-1.90	0.00	-77.02	0.00	77.02	4,024.29	1,034.06	4,624	4,100.25	0.99	-0.10	0.03
100.00	-26.46	-1.85	0.00	-67.54	0.00	67.54	3,958.05	1,007.81	4,392	3,929.63	1.11	-0.11	0.02
105.00	-26.02	-1.83	0.00	-58.30	0.00	58.30	3,889.95	981.56	4,166	3,760.65	1.23	-0.12	0.02
107.00	-23.43	-1.71	0.00	-54.64	0.00	54.64	3,862.18	971.06	4,078	3,693.56	1.27	-0.12	0.02
109.00	-22.67	-1.67	0.00	-51.23	0.00	51.23	3,834.12	960.56	3,990	3,626.76	1.32	-0.12	0.02
110.00	-21.77	-1.62	0.00	-49.56	0.00	49.56	3,819.97	955.31	3,946	3,593.47	1.35	-0.12	0.02
114.25	-21.50	-1.61	0.00	-42.66	0.00	42.66	3,759.02	933.00	3,764	3,452.88	1.46	-0.12	0.02
115.00	-20.77	-1.57	0.00	-41.46	0.00	41.46	3,748.12	929.07	3,732	3,428.22	1.48	-0.13	0.02
117.00	-19.52	-1.50	0.00	-38.32	0.00	38.32	3,718.86	918.57	3,649	3,362.69	1.53	-0.13	0.02
120.00	-18.44	-1.43	0.00	-33.82	0.00	33.82	3,718.63	918.48	3,648	3,362.18	1.61	-0.13	0.02
125.00	-17.46	-1.37	0.00	-26.65	0.00	26.65	3,644.16	892.24	3,442	3,199.89	1.75	-0.13	0.01
130.00	-13.29	-1.09	0.00	-19.79	0.00	19.79	3,567.82	865.99	3,243	3,039.89	1.89	-0.14	0.01
135.00	-12.37	-1.03	0.00	-14.32	0.00	14.32	3,489.60	839.74	3,049	2,882.32	2.03	-0.14	0.01
140.00	-12.01	-1.00	0.00	-9.18	0.00	9.18	3,409.52	813.49	2,862	2,727.33	2.18	-0.14	0.01
142.00	-7.61	-0.66	0.00	-7.18	0.00	7.18	3,376.96	802.99	2,788	2,666.10	2.24	-0.14	0.01
145.00	-6.87	-0.60	0.00	-5.19	0.00	5.19	3,327.56	787.24	2,680	2,575.07	2.32	-0.14	0.00
150.00	-4.00	-0.36	0.00	-2.18	0.00	2.18	3,221.55	761.00	2,504	2,409.10	2.47	-0.14	0.00
151.40	-3.02	-0.28	0.00	-1.68	0.00	1.68	3,190.44	753.65	2,456	2,362.55	2.51	-0.14	0.00
152.00	-2.54	-0.24	0.00	-1.51	0.00	1.51	3,177.11	750.50	2,436	2,342.75	2.53	-0.14	0.00
154.00	-2.39	-0.22	0.00	-1.04	0.00	1.04	3,132.66	740.00	2,368	2,277.32	2.59	-0.14	0.00
155.00	-1.76	-0.16	0.00	-0.82	0.00	0.82	3,110.44	734.75	2,335	2,244.96	2.62	-0.14	0.00
160.00	0.00	-0.16	0.00	0.00	0.00	0.00	2,999.32	708.50	2,171	2,086.61	2.77	-0.14	0.00

ANALYSIS SUMMARY

Load Case	Base Reactions						Max Usage	
	Shear FX (kips)	Shear FZ (kips)	Axial FY (kips)	Moment MX (ft-kips)	Moment MY (ft-kips)	Moment MZ (ft-kips)	Elev (ft)	Interaction Ratio
1.2D + 1.0W	32.22	0.00	88.79	0.00	0.00	3574.80	45.00	0.32
0.9D + 1.0W	32.21	0.00	66.59	0.00	0.00	3550.55	45.00	0.31
1.2D + 1.0Di + 1.0Wi	9.43	0.00	122.50	0.00	0.00	1040.63	45.00	0.11
1.2D + 1.0Ev + 1.0Eh	2.34	0.00	88.61	0.00	0.00	289.42	45.00	0.04
0.9D - 1.0Ev + 1.0Eh	2.33	0.00	61.60	0.00	0.00	287.01	45.00	0.03
1.0D + 1.0W	7.45	0.00	74.01	0.00	0.00	823.27	45.00	0.08

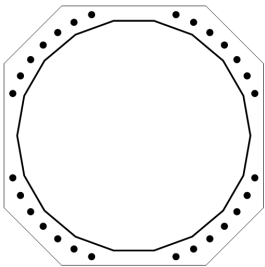
BASE PLATE ANALYSIS @ 0 FT

APPLIED REACTIONS

Moment (k-ft)	Axial (k)	Shear (k)
3574.8	88.79	32.22

PLATE PARAMETERS (ID# 20589)

Width:	81	in
Shape:	Square	
Thickness:	3.25	in
Grade:	A572-55	
Yield Strength:	55	ksi
Tensile Strength:	70	ksi
Clip Length:	18	in
Rod Detail Type:	d	
Clear Distance	3.625	in
Base Weld Size:	0.125	in
Orientation Offset:	-	°
Analysis Type:	Plastic	
Neutral Axis:	45	°



ANCHOR ROD PARAMETERS

Class	Arrangement	Quantity	Diameter (in)	Circle (in)	Grade	F _y (ksi)	F _u (ksi)	Spacing (in)	Offset (°)
Original [ID#21131]	Cluster	28	2.25	80	A615-75	75	100	6	-

COMPONENT PROPERTIES

Component	ID	Gross Area (in ²)	Net Area (in ²)	Individual Inertia (in ⁴)	Moment of Inertia (in ⁴)	Threads/in
Pole	72.13"Ø x 0.5625" (18 Sides)	125.8291	-	-	80573.95	-
Bolt Group	Original (28) 2.25"Ø	3.9761	3.2477	0.8393	68075.97	4.5

REACTION DISTRIBUTION

Component	ID	Moment M _u (k-ft)	Axial Load P _u (k)	Shear V _u (k)	Moment Factor
Pole	72.13"Ø x 0.5625" (18 Sides)	3574.8	88.79	32.22	1.000
Bolt Group	Original (28) 2.25"Ø	3574.8	-	32.22	1.000

BASE PLATE BEND LINE ANALYSIS @ 0 FT

POLE PROPERTIES

Flat-to-Flat Diameter:	72.26	in	Flat Width:	12.741	in
Point-to-Point Diameter:	73.37	in	Flat Radians:	0.349	rad
Orientation Offset:	-	°			

PLATE PROPERTIES

Neutral Axis:	45	°
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Bend Line	Chord Length (in)	Additional Length (in)	Section Modulus (in ³)	Applied Moment M _u (k-in)	Moment Capacity ΦM _n (k-in)	Flexure Result M _u /ΦM _n	
Flats	42.296	0.00	111.689	688.2	5528.6	12.4%	✓
Corners	41.182	0.00	108.745	463.7	5382.9	8.6%	✓

PLASTIC ANCHOR ROD ANALYSIS

Class	Group Quantity	Rod Diameter (in)	Applied Axial Load P _u (k)	Applied Shear Load V _u (k)	Compressive Capacity ΦP _n (k)	Interaction Result
Original	28	2.25	71.9	1.9	243.6	31.1% ✓

PIER FOUNDATION ANALYSIS

GLOBAL REACTIONS

Moment (k-ft)	Axial (k)	Shear (k)
3,574.80	88.79	32.22

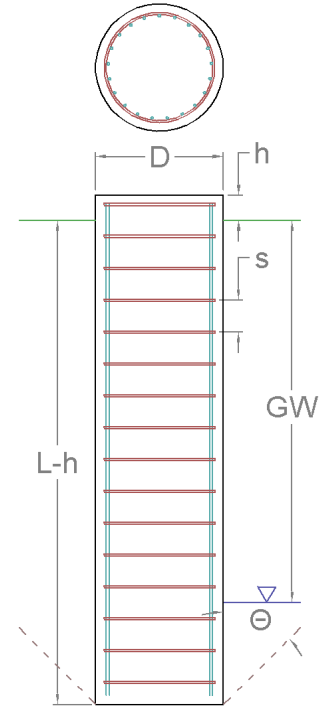
FOUNDATION PARAMETERS

Pier Diameter:	D	9.00	ft
Pier Embedment Depth:	L-h	25.0	ft
Pier Height above Grade:	h	0.50	ft
Concrete Compressive Strength:		3,000	psi
Vertical Rebar:		(40) #11 bars [60 ksi]	
Tie Rebar:	s	#5 bars @ 18.0" c/c [40 ksi]	
Rebar Clear Cover:		4.00	in

SOIL PARAMETERS

Water Table Depth [BGL]:	GW	23	ft
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Layer Depth (ft)		Unit Weight	Cohesion	Friction Angle	Ultimate Skin Friction	Ultimate Net Bearing
Top	Bottom	pcf	psf	°	psf	psf
0	2	105	0	0	0	0
2	5	105	0	38	0	0
5	26	135	0	38	500	36,250



SOIL STRENGTH ANALYSIS

Volume of Concrete (ft³)	Buoyant Weight of Concrete (k)	Skin Friction Resistance (k)	Inflection Point [BGL] (ft)
1,622.24	235.40	282.74	17.95

SOIL MOMENT ANALYSIS

Total Lateral Resistance (k)	Moment at Inflection Point, M_u (k-ft)	Additional Resistance (k-ft)	Nominal Moment Capacity, ΦM_n (k-ft)	Soil Moment Usage, $M_u / \Phi M_n$
3,731.42	4,169.21	0.00	13,146.60	31.7% 

SOIL COMPRESSION ANALYSIS

Compressive Bearing Resistance (k)	Compressive Force, P_u (k)	Additional Resistance (k)	Nominal Compressive Capacity, ΦP_n (k)	Soil Compressive Usage, $P_u / \Phi P_n$
2,306.13	132.95	0.00	1,941.65	6.8% 

REINFORCING STEEL STRENGTH ANALYSIS

Rebar Cage Diameter (in)	Steel Elastic Modulus, E (ksi)	Strength Bending/Tension Reduction Factor, Φ_b	Strength Shear Reduction Factor, Φ_v	Strength Compression Reduction Factor, Φ_c
97.34	29,000	0.9	0.75	0.65

PIER REINFORCING MOMENT ANALYSIS

Design Moment, M_u (k-ft)	Nominal Moment Capacity, $\Phi_b M_n$ (k-ft)	Bending Reinforcement Ratio	Pier Rebar Flexure Usage, $M_u / \Phi_b M_n$
3,594.06	13,368.15	0.01	26.9%



PIER REINFORCING COMPRESSION ANALYSIS

Buoyant Weight of Concrete (k)	Design Compression, P_u (k)	Nominal Compressive Capacity, $\Phi_p P_n$ (k)	Pier Rebar Compressive Usage, $P_u / \Phi_p P_n$
235.40	132.95	14,011.47	0.9%



PIER REINFORCING SHEAR ANALYSIS

Design Shear, V_u (k)	Nominal Shear Capacity, $\Phi_v V_n$ (k)	Pier Rebar Shear Usage, $V_u / \Phi_v V_n$
381.47	845.57	45.1%



EXHIBIT 4





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

Antenna Mount Analysis Report and PMI Requirements

Mount ReAnalysis

SMART Tool Project #: 10208068
Colliers Engineering & Design Project #: 23777223

August 3, 2023

Site Information

Site ID: 5000243787-VZW / VERNON 3 CT
Site Name: VERNON 3 CT
Carrier Name: Verizon Wireless
Address: 777 Talcottville Road
Vernon, Connecticut 06066
Tolland County
Latitude: 41.863453°
Longitude: -72.483283°

Structure Information

Tower Type: Monopole
Mount Type: 12.50-Ft Platform

FUZE ID # 17123766

Analysis Results

Platform: 62.7% 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: Gilberto Martinez



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
<i>Radio Frequency Data Sheet (RFDS)</i>	<i>Verizon RFDS, Site ID: 675076, dated April 9, 2021</i>
<i>Final Loading Configuration</i>	<i>Filter Add Scope Provided by Verizon Wireless</i>
<i>Previous Mount Analysis</i>	<i>Maser Consulting Connecticut, Project #: 21777584, Dated May 27, 2021</i>
<i>Post Modification Inspection Report</i>	<i>Colliers Engineering & Design, Project #: 21777584, Dated June 26, 2023</i>

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 : 0.992
Seismic Parameters:	S_s : 0.186 g S_1 : 0.055 g
Maintenance Parameters:	Wind Speed (3-sec. Gust): 30 mph Maintenance Live Load, L_v : 250 lbs. Maintenance Live 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
149.00	150.00	4	KAelus	KA-6030	Added
		3	Samsung	XXDWMM-12.5-65-8T-CBRS	Retained
		3	Samsung	MT6407-77A	
		1	Raycap	RRFDC-3315-PF-48*	
		3	Samsung	B2/B66A RRH-BR049	
		3	Samsung	B5/B13 RRH-BR04C	
		1	RFS	DB-B1-6C-12AB-0Z	
		6	Andrew	SBNHH-1D65B	
		3	Andrew	LNx-6514DS-A1M	

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

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

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

Standard Conditions:

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

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

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

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

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

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

Analysis Results:

Component	Utilization %	Pass/Fail
Standoff	15.2 %	Pass
Standoff Crossmember	62.7 %	Pass
Corner Plate	30.9 %	Pass
Grating Support	29.9 %	Pass
Cross Arm Plate	37.5 %	Pass
Face Horizontal	17.4 %	Pass
TES Kicker	40.7 %	Pass
Mount Pipe	37.6 %	Pass
Support Rail	17.6 %	Pass
Support Rail Connection	31.3 %	Pass
Mount Connection	37.4 %	Pass

Structure Rating – (Controlling Utilization of all Components)	62.7%
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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	28.3	28.3	41.2	41.1
0.5	36.8	36.8	55.1	55.1
1	44.5	44.5	68.2	68.1

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

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#: 5000243787

SMART Project #: 10208068

Fuze Project ID: 17123766

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

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

Base Requirements:

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

Photo Requirements:

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

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

Antenna & equipment placement and Geometry Confirmation:

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

OR

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

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

Issue:

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

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:

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

☐ Yes ☐ No

Contractor certifies no new damage created during the current installation:

☐ Yes ☐ No

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

☐ Safety Climb in Good Condition ☐ Safety Climb Damaged

Certifying Individual:

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

Se tor: A

8/2/2023

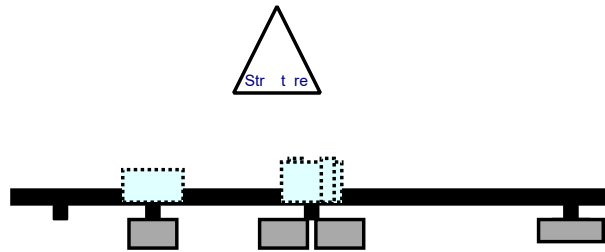
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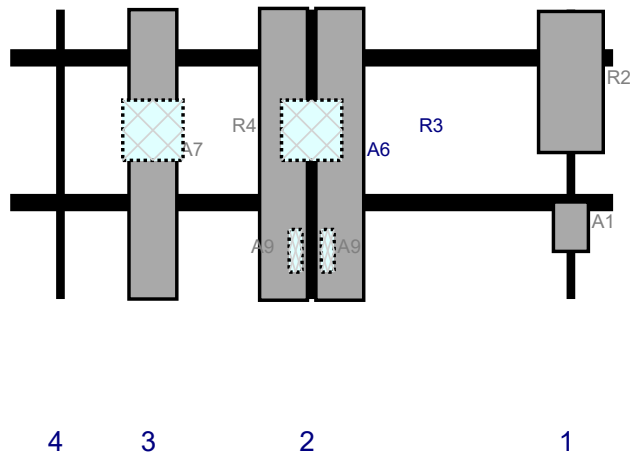
Mo t Elev: 149.00

P ge: 1

Plan View



Front View - Looking at Str t re



Re #	Model	Height (i)	Width (i)	H Dist Frm L.	Pipe #	Pipe Pos V	A t Pos	C. A t Frm T.	A t H O	St t s	V lid tio
A1	XXDWMM-12.5-65-8T-CBRS	12.3	8.7	139.5	1		Fro t	54	0	Ret i ed	01/16/2023
R2	MT6407-77A	35.1	16.1	139.5	1		Fro t	18	0	Ret i ed	01/16/2023
A6	SBNHH-1D65B	72.6	11.9	75	2		Fro t	36	7	Ret i ed	01/16/2023
A6	SBNHH-1D65B	72.6	11.9	75	2		Fro t	36	-7	Ret i ed	01/16/2023
R3	B2/B66A RRH-BR049	15	15	75	2		Behi d	30	0	Ret i ed	01/16/2023
A9	KA-6030	10.6	3.2	75	2		Behi d	60	4	Added	
A9	KA-6030	10.6	3.2	75	2		Behi d	60	-4	Added	
A7	LNx-6514DS-A1M	72	11.9	35.5	3		Fro t	36	0	Ret i ed	01/16/2023
R4	B5/B13 RRH-BR04C	15	15	35.5	3		Behi d	30	0	Ret i ed	01/16/2023
M104	DB-B1-6C-12AB-0Z	28.9	15.7			Mem er				Ret i ed	01/16/2023

Se tor: **B**

8/2/2023

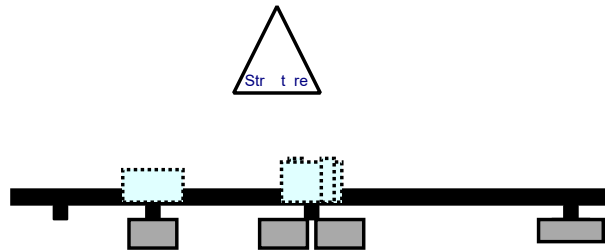
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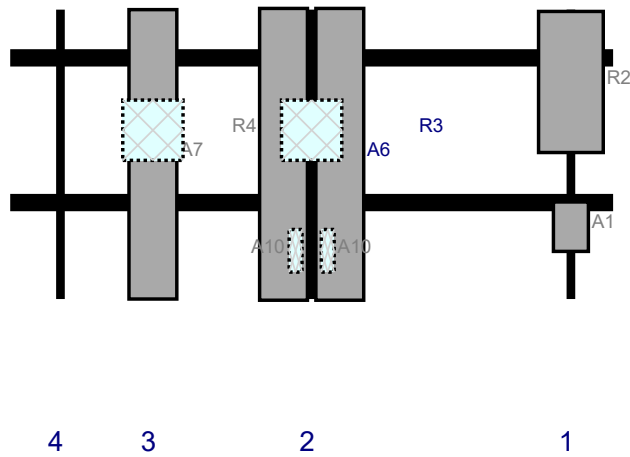
Mo t Elev: 149.00

P ge: 2

Plan View



Front View - Looking at Str t re



Re #	Model	Height (i)	Width (i)	H Dist Frm L.	Pipe #	Pipe Pos V	A t Pos	C. A t Frm T.	A t H O	St t s	V lid tio
A1	XXDWMM-12.5-65-8T-CBRS	12.3	8.7	139.5	1		Fro t	54	0	Ret i ed	01/16/2023
R2	MT6407-77A	35.1	16.1	139.5	1		Fro t	18	0	Ret i ed	01/16/2023
A6	SBNHH-1D65B	72.6	11.9	75	2		Fro t	36	7	Ret i ed	01/16/2023
A6	SBNHH-1D65B	72.6	11.9	75	2		Fro t	36	-7	Ret i ed	01/16/2023
R3	B2/B66A RRH-BR049	15	15	75	2		Behi d	30	0	Ret i ed	01/16/2023
A10	KA-6030	10.6	3.2	75	2		Behi d	60	4	Added	
A10	KA-6030	10.6	3.2	75	2		Behi d	60	-4	Added	
A7	LNx-6514DS-A1M	72	11.9	35.5	3		Fro t	36	0	Ret i ed	01/16/2023
R4	B5/B13 RRH-BR04C	15	15	35.5	3		Behi d	30	0	Ret i ed	01/16/2023

Se tor: C

8/2/2023

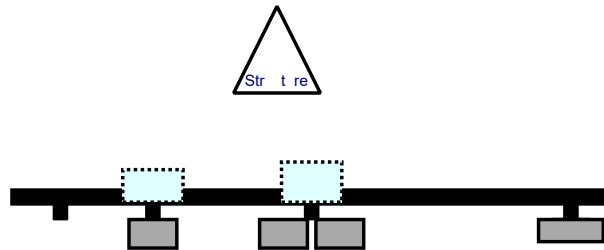
Str t re Type: Mo opole

10208068

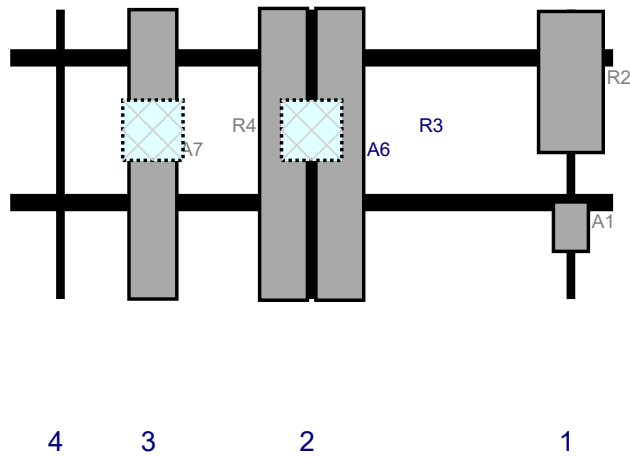
Mo t Elev: 149.00

P ge: 3

Plan View



Front View - Looking at Str t re



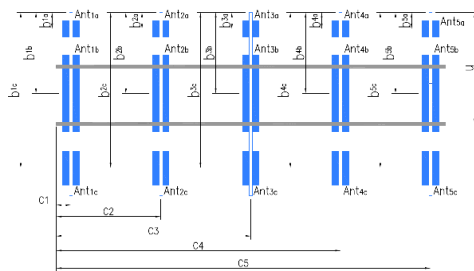
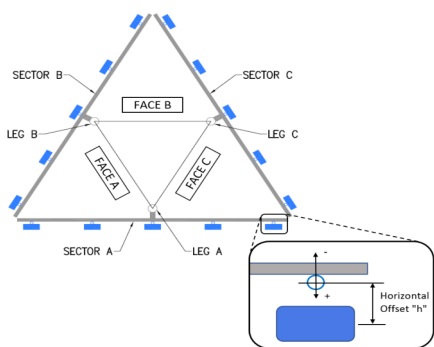
Re #	Model	Height (i)	Width (i)	H Dist Frm L.	Pipe #	Pipe Pos V	A t Pos	C. A t Frm T.	A t H O	St t s	V lid tio
A1	XXDWMM-12.5-65-8T-CBRS	12.3	8.7	139.5	1		Fro t	54	0	Ret i ed	01/16/2023
R2	MT6407-77A	35.1	16.1	139.5	1		Fro t	18	0	Ret i ed	01/16/2023
A6	SBNHH-1D65B	72.6	11.9	75	2		Fro t	36	7	Ret i ed	01/16/2023
A6	SBNHH-1D65B	72.6	11.9	75	2		Fro t	36	-7	Ret i ed	01/16/2023
R3	B2/B66A RRH-BR049	15	15	75	2		Behi d	30	0	Ret i ed	01/16/2023
A7	LNx-6514DS-A1M	72	11.9	35.5	3		Fro t	36	0	Ret i ed	01/16/2023
R4	B5/B13 RRH-BR04C	15	15	35.5	3		Behi d	30	0	Ret i ed	01/16/2023



FCC #
UNKNOWN

Tower Owner:	ATC	Mapping Date:	4/14/2021
Site Name:	ATC : VERNON, VZW : VERNON 3 CT	Tower Type:	Monopole
Site Number or ID:	VZW : 468776	Tower Height (Ft.):	UNKNOWN
Mapping Contractor:	RKS Design & Engineering, LLC	Mount Elevation (Ft.):	149.5

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



Antenna Layout (Looking Out From Tower)

Mount Pipe Configuration and Geometries (Unit = Inches)							
Sector / Position	Mount Pipe Size & Length	Vertical Offset Dimension "u"	Horizontal Offset "C1, C2, C3, etc."	Sector / Position	Mount Pipe Size & Length	Vertical Offset Dimension "u"	Horizontal Offset "C1, C2, C3, etc."
A1	PIPE 2.375" Ø X 0.15" X 72" LON	50.75	10.50	C1	PIPE 2.375" Ø X 0.15" X 72" LONG	50.00	11.00
A2	PIPE 2.375" Ø X 0.15" X 72" LON	48.75	75.00	C2	PIPE 2.375" Ø X 0.15" X 72" LONG	49.50	75.00
A3	PIPE 2.375" Ø X 0.15" X 72" LON	48.25	114.50	C3	PIPE 2.375" Ø X 0.15" X 72" LONG	49.25	118.50
A4	PIPE 2.375" Ø X 0.15" X 72" LON	45.75	137.75	C4	PIPE 2.375" Ø X 0.15" X 72" LONG	46.00	143.50
A5				C5			
A6				C6			
B1	PIPE 2.375" Ø X 0.15" X 72" LON	52.25	12.50	D1			
B2	PIPE 2.375" Ø X 0.15" X 72" LON	48.25	75.50	D2			
B3	PIPE 2.375" Ø X 0.15" X 72" LON	47.75	116.50	D3			
B4	PIPE 2.375" Ø X 0.15" X 72" LON	46.25	142.25	D4			
B5				D5			
B6				D6			
Distance between bottom rail and bottom 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.) :							7
Distance from top of bottom support rail to highest tip of ant./eqpt. of Carrier below. (N/A if > 10 ft.) :							6
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.):			
For T-Arms/Platforms on monopoles, report the weld size from the main standoff to the plate bolting into the collar mount.							

[illegible]

Mount Azimuth (Degree) for Each Sector				Tower Leg Azimuth (Degree) for Each Sector				Sector B										
Sector A:	90.00	Deg	Leg A:			Deg		Ant _{1a}	B66a RRH 4x45	11.80	7.20	25.80		152.604	15.00	-6.00		98
Sector B:	210.00	Deg	Leg B:			Deg		Ant _{1b}	(2)SBNHH-1D65B	11.90	7.10	72.00		150.813	36.50	10.50	180.00	21
Sector C:	330.00	Deg	Leg C:			Deg		Ant _{1c}										
Sector D:		Deg	Leg D:			Deg		Ant _{2a}	UHFA, B25 RRH 4x30	12.00	7.18	21.20		152.063	17.50	-7.00		101
								Ant _{2b}	LNx-6514DS-A1M	11.90	7.10	72.70		150.417	37.25	7.50	180.00	21
								Ant _{2c}										
Climbing Facility Information								Ant _{3a}	B13 RRH4x30	11.80	7.50	20.90		151.938	18.50	-7.25		104
Location:	0.00	Deg	N/A					Ant _{3b}										
Climbing Facility	Corrosion Type:		N/A					Ant _{3c}										
	Access:		Climbing path was unobstructed.					Ant _{4a}	AHCA	12.50	7.25	13.75		151.938	17.00	-7.00		104
	Condition:		Good condition.					Ant _{4b}	QUAD656C0000G	20.50	7.20	74.50		150.375	35.75	10.50	190.00	21
								Ant _{4c}										
								Ant _{5a}										
								Ant _{5b}										
								Ant _{5c}										
								Ant on Standoff										
								Ant on Standoff										
								Ant on Tower	RRFDC-3315-PF-48	15.73	10.25	25.66			46.00	8.00		104
								Ant on Tower										
Sector C																		
								Ant _{1a}	B66a RRH 4x45	11.80	7.20	25.80		152.583	13.00	-6.00		109
								Ant _{1b}	(2)SBNHH-1D65B	11.90	7.10	72.00		150.625	36.50	10.50	300.00	28
								Ant _{1c}										
								Ant _{2a}	UHFA, B25 RRH 4x30	12.00	7.18	21.20		152.083	18.50	-7.00		112
								Ant _{2b}	LNx-6514DS-A1M	11.90	7.10	72.70		150.521	37.25	7.50	300.00	28
								Ant _{2c}										
								Ant _{3a}	B13 RRH4x30	11.80	7.50	20.90		151.438	26.00	-7.25		113
								Ant _{3b}										
								Ant _{3c}										
								Ant _{4a}	AHCA	12.50	7.25	13.75		151.667	20.00	-7.00		115
								Ant _{4b}	QUAD656C0000G	20.50	7.20	74.50		150.354	35.75	10.50	300.00	28
								Ant _{4c}										
								Ant _{5a}										
								Ant _{5b}										
								Ant _{5c}										
								Ant on Standoff										
								Ant on Standoff										
								Ant on Tower	RRFDC-3315-PF-48	15.73	10.25	25.66			46.00	8.00		109
								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 on Standoff										
								Ant on Standoff										
								Ant on Tower										
								Ant on Tower										

Please insert a photo of the mount centerline measurement here.

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

REPORT WELD SIZE FROM STANDOFF TO PLATE BOLTING INTO COLLAR MOUNT.

Observed Safety and Structural Issues During the Mount Mapping		
Issue #	Description of Issue	Photo #
1	TOTAL COAX (8) : (6)FH1-5/8, (2)1.5" Ø HYBRID	
2		
3		
4		
5		
6		
7		
8		

Observed Obstructions to Tower Lighting System		
If the tower lighting system is being obstructed by the carrier's equipment (for example: a light nested by the antennas), please provide photos and fill in the information below.		Photo #
Description of Obstruction:	TOTAL COAX (14) : (12)FH1-5/8, (2)1.5" Ø HYBRID	
Type of Light:		Photo #
Lighting Technology:		Photo #
Elevation (AGL) at base of light (Ft.):		Photo #
Is a service loop available?		Photo #
Is beacon installed on an extension?		Photo #
Additional Comments:		

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

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



**PAUL J. FORD
& COMPANY**

Antenna Mount Mapping Form (PATENT PENDING)

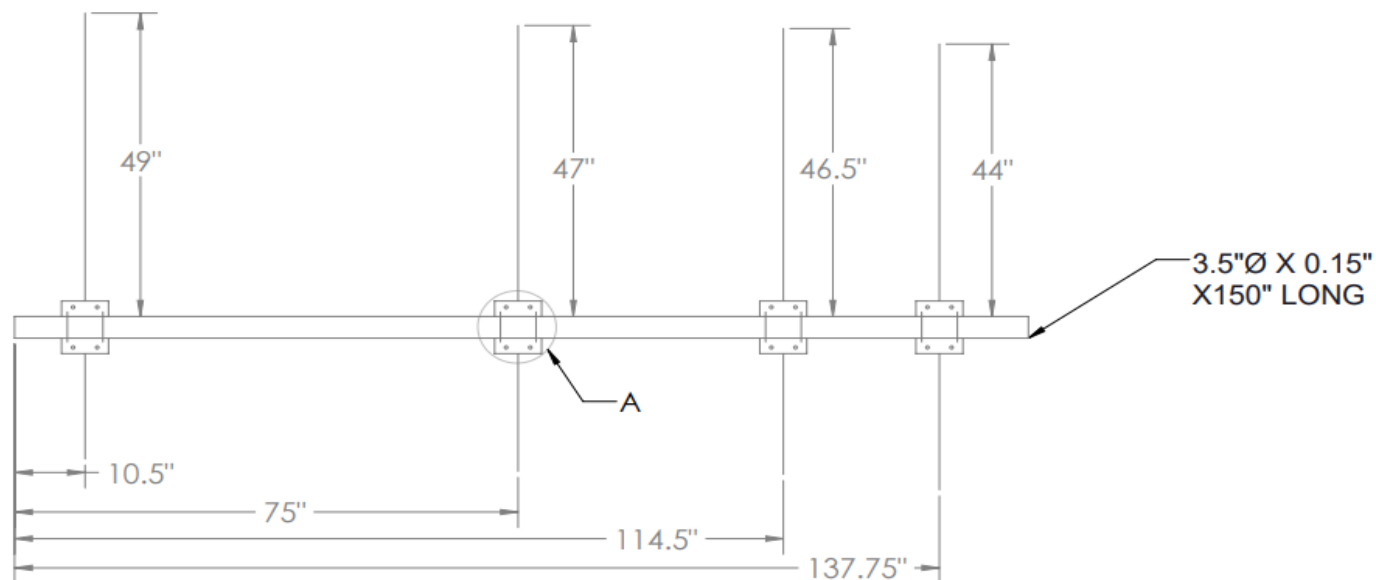
FCC #

UNKNOWN

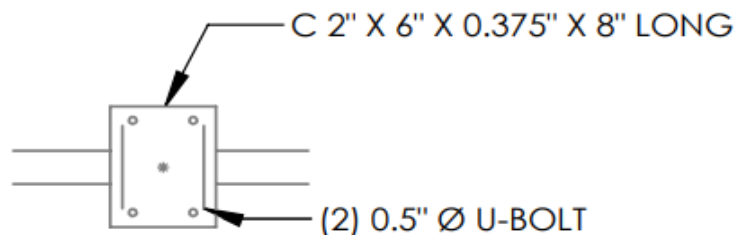
Tower Owner:	ATC	Mapping Date:	4/14/2021
Site Name:	ATC : VERNON, VZW : VERNON 3 CT	Tower Type:	Monopole
Site Number or ID:	VZW : 468776	Tower Height (Ft.):	UNKNOWN
Mapping Contractor:	RKS Design & Engineering, LLC	Mount Elevation (Ft.):	149.5

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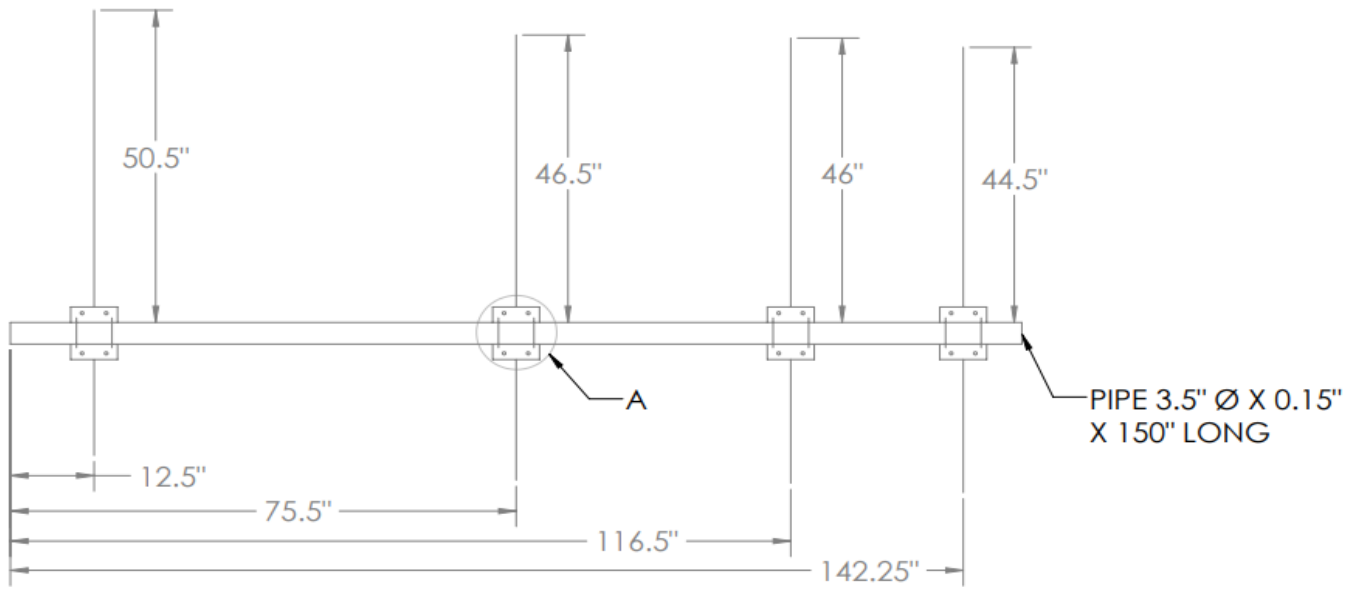
Please Insert Sketches of the Antenna Mount



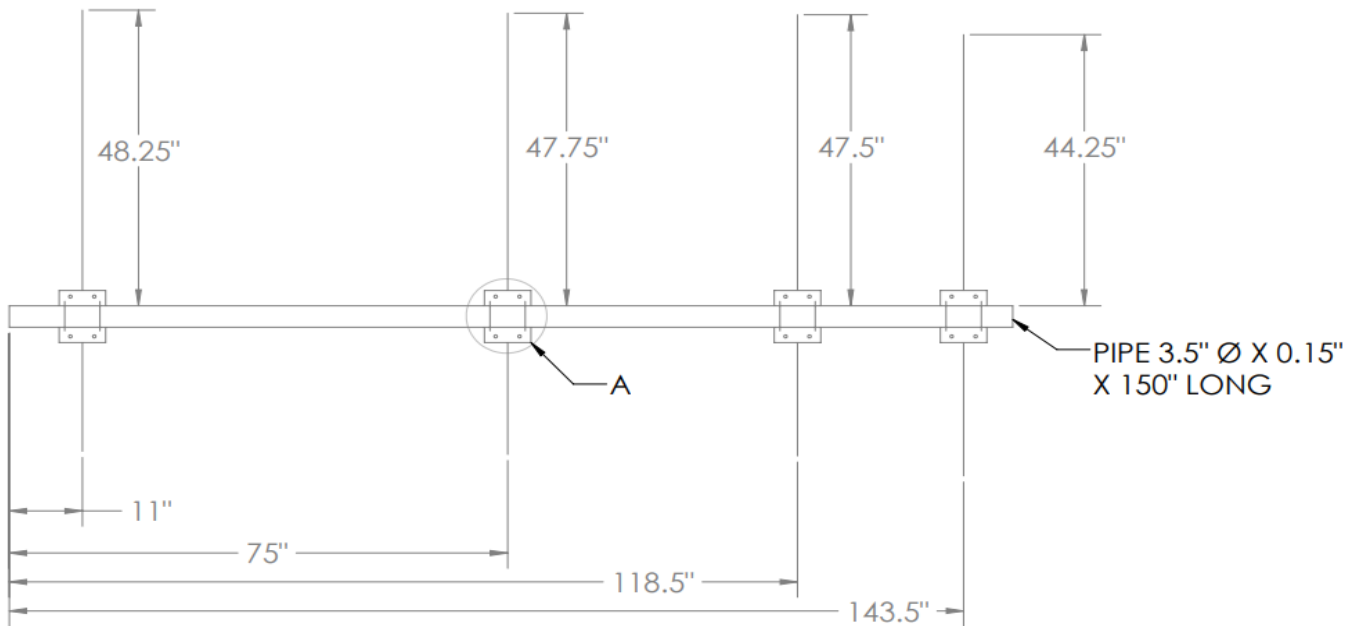
SECTOR A



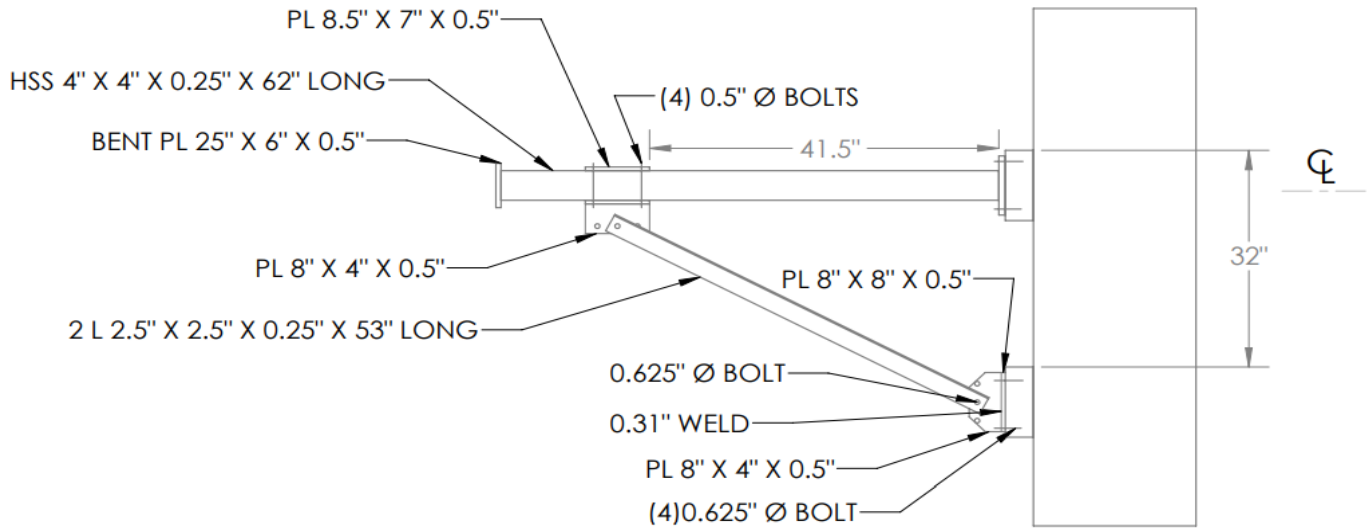
DETAIL A



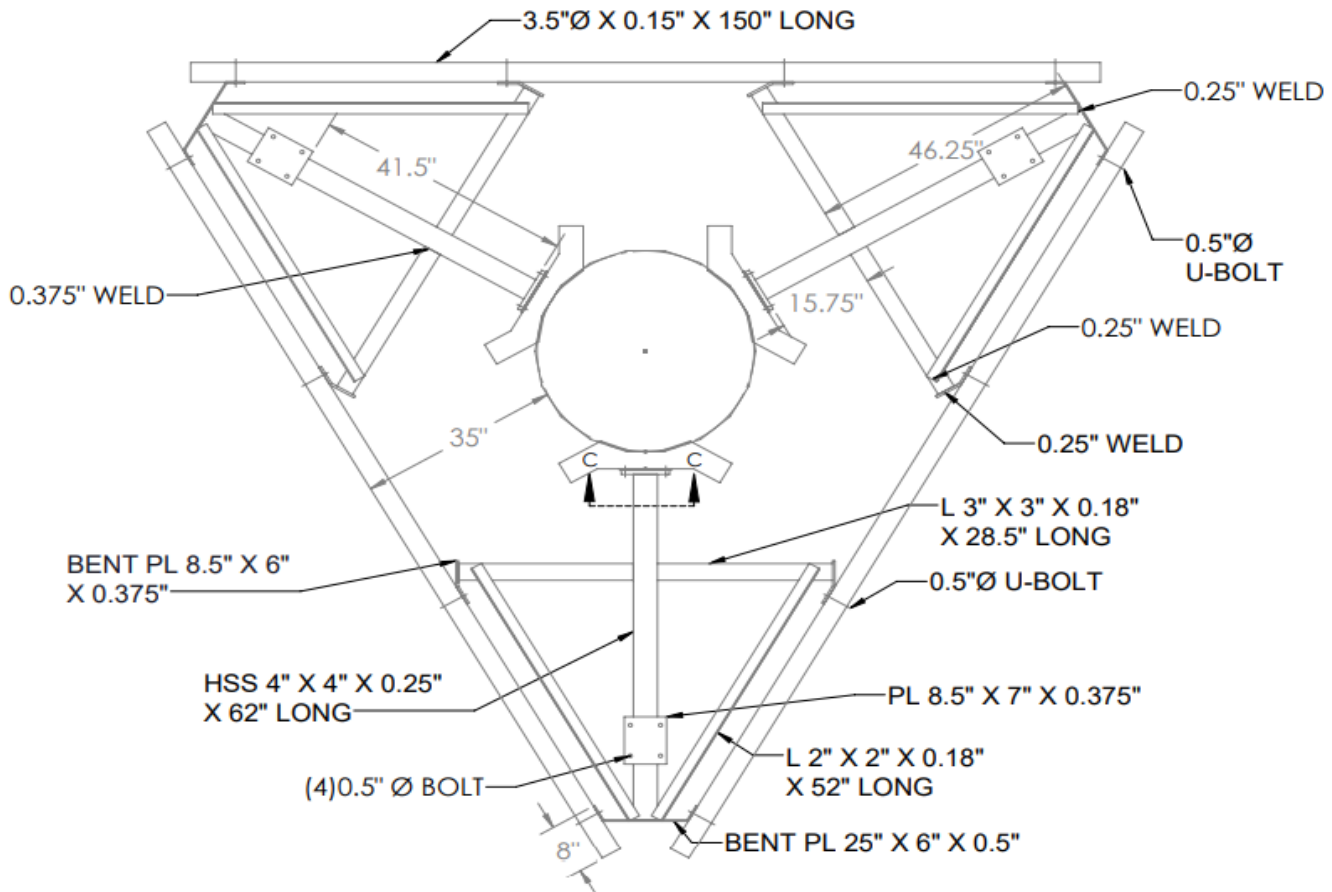
SECTOR B



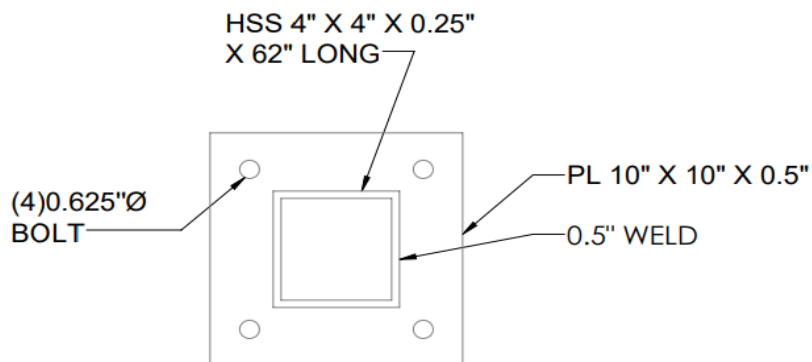
SECTOR C



STAND OFF VIEW

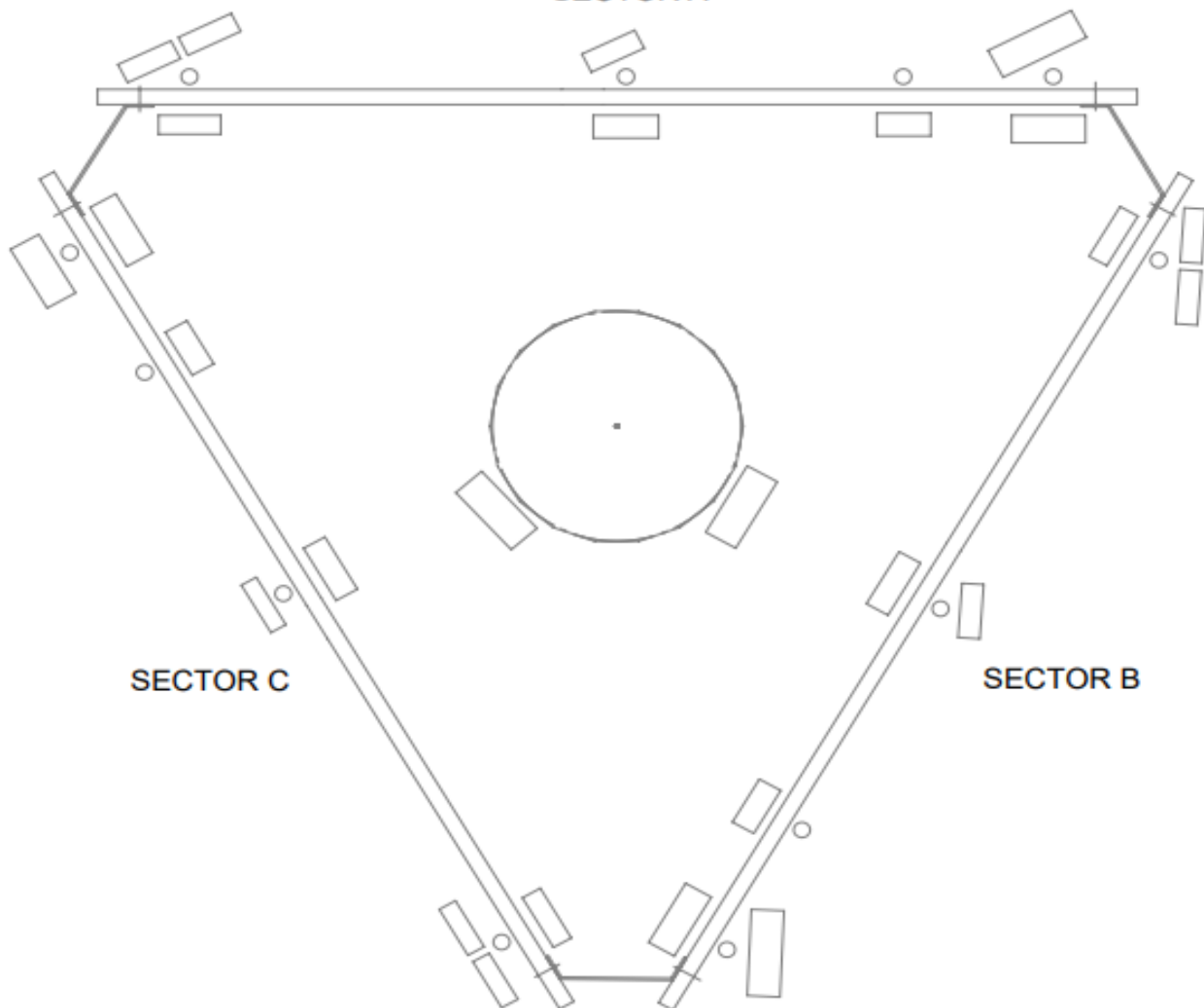


MOUNT PLAN VIEW



SECTION C-C

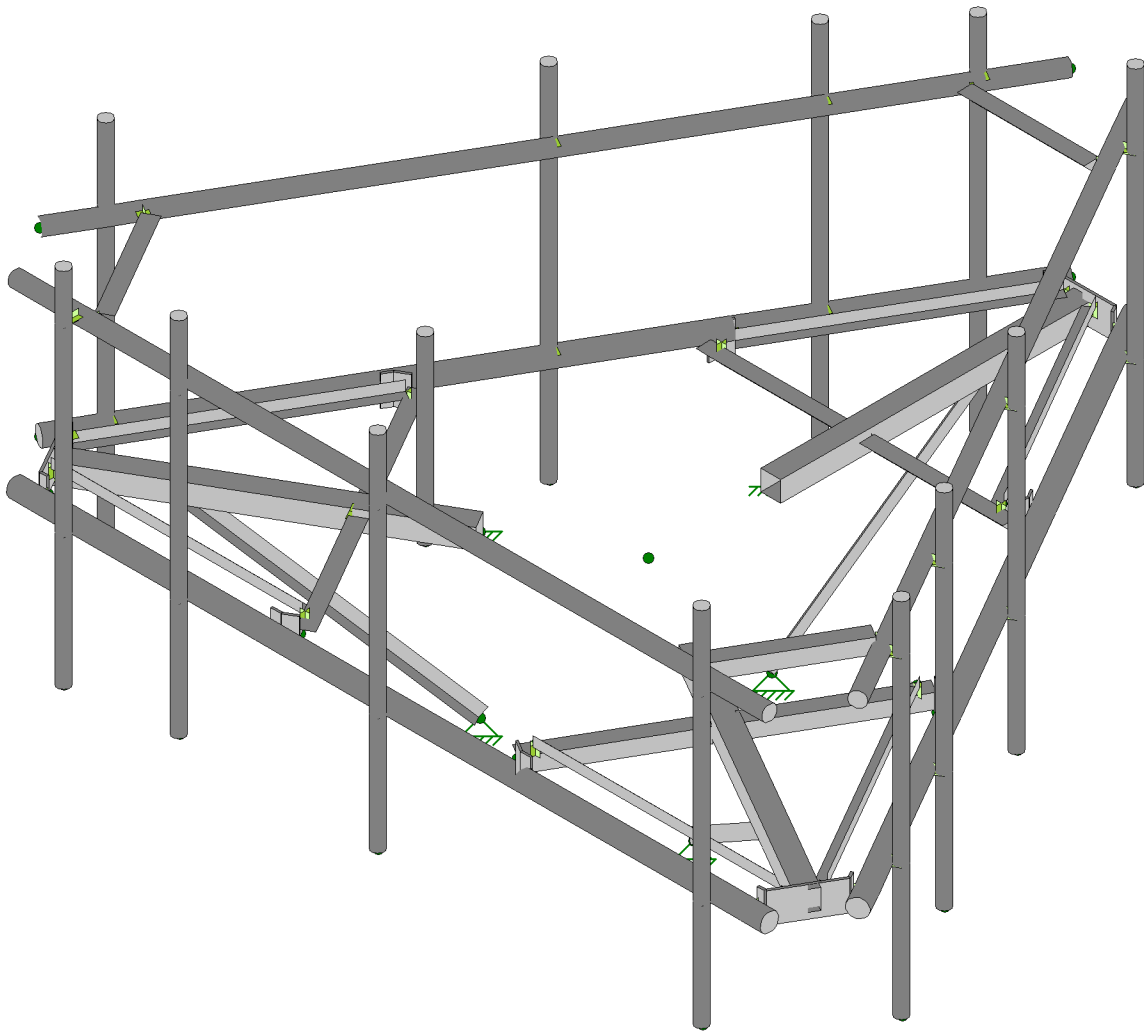
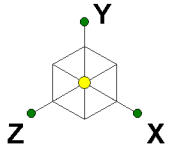
SECTOR A

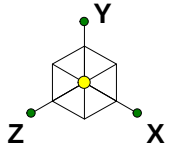


SECTOR C

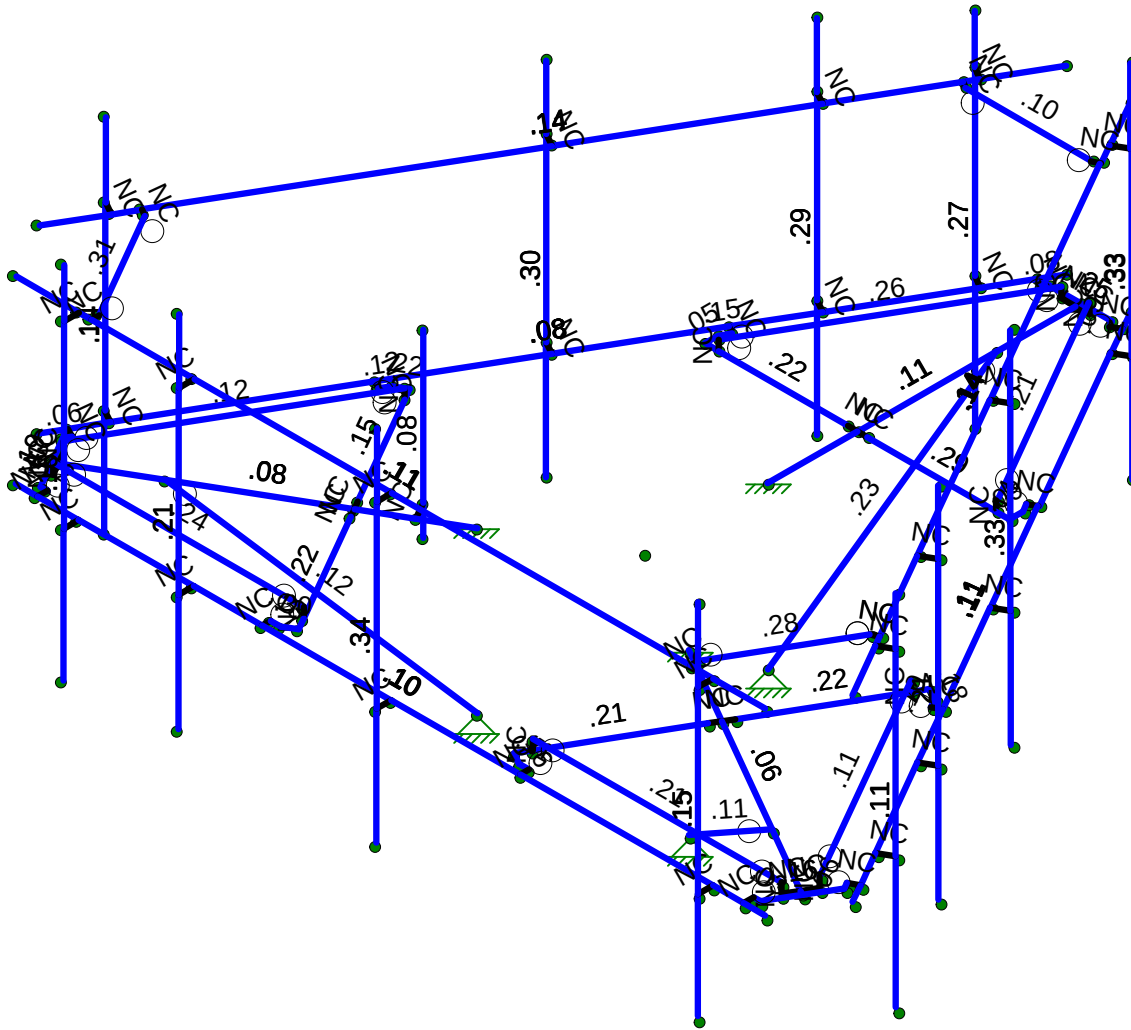
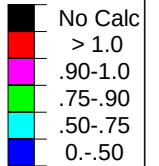
SECTOR B

ANTENNA PLAN VIEW





Code Check
(LC 1)



Member Code Checks Displayed
Results for LC 1, 1.2D+1.0Wo (0 Deg)

Colliers Engineering & Des...

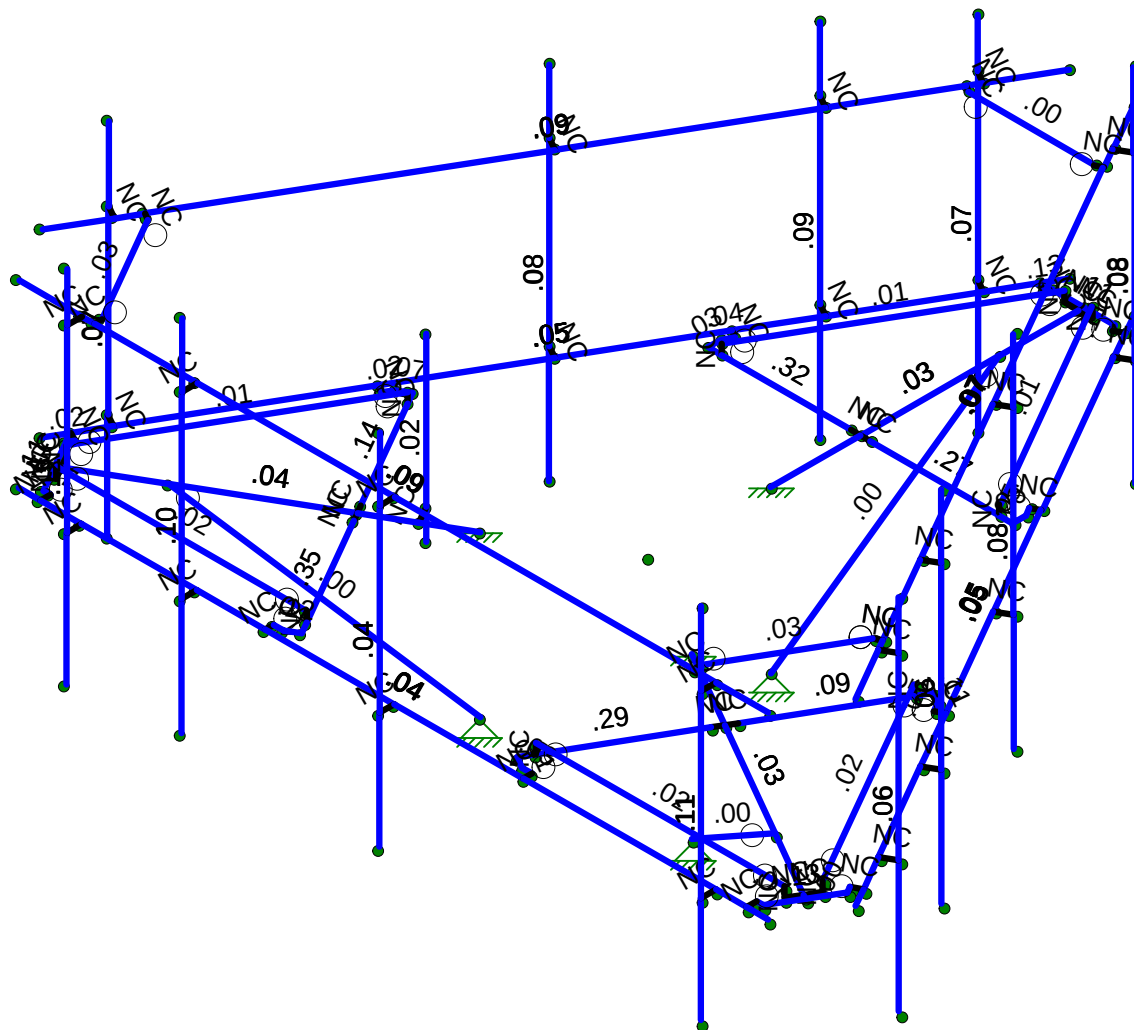
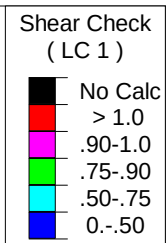
AJH

5000243787-VZW_MT_LO_H

SK - 2

Aug 2, 2023 at 11:47 PM

5000243787-VZW_MT_LO_H.r3d



Colliers Engineering & Des...	5000243787-VZW_MT_LO_H	SK - 4
AJH		Aug 2, 2023 at 11:48 PM
		5000243787-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					126			
2	Antenna Di	None					126			
3	Antenna Wo (0 Deg)	None					126			
4	Antenna Wo (30 Deg)	None					126			
5	Antenna Wo (60 Deg)	None					126			
6	Antenna Wo (90 Deg)	None					126			
7	Antenna Wo (120 Deg)	None					126			
8	Antenna Wo (150 Deg)	None					126			
9	Antenna Wo (180 Deg)	None					126			
10	Antenna Wo (210 Deg)	None					126			
11	Antenna Wo (240 Deg)	None					126			
12	Antenna Wo (270 Deg)	None					126			
13	Antenna Wo (300 Deg)	None					126			
14	Antenna Wo (330 Deg)	None					126			
15	Antenna Wi (0 Deg)	None					126			
16	Antenna Wi (30 Deg)	None					126			
17	Antenna Wi (60 Deg)	None					126			
18	Antenna Wi (90 Deg)	None					126			
19	Antenna Wi (120 Deg)	None					126			
20	Antenna Wi (150 Deg)	None					126			
21	Antenna Wi (180 Deg)	None					126			
22	Antenna Wi (210 Deg)	None					126			
23	Antenna Wi (240 Deg)	None					126			
24	Antenna Wi (270 Deg)	None					126			
25	Antenna Wi (300 Deg)	None					126			
26	Antenna Wi (330 Deg)	None					126			
27	Antenna Wm (0 Deg)	None					126			
28	Antenna Wm (30 Deg)	None					126			
29	Antenna Wm (60 Deg)	None					126			
30	Antenna Wm (90 Deg)	None					126			
31	Antenna Wm (120 De..	None					126			
32	Antenna Wm (150 De..	None					126			
33	Antenna Wm (180 De..	None					126			
34	Antenna Wm (210 De..	None					126			
35	Antenna Wm (240 De..	None					126			
36	Antenna Wm (270 De..	None					126			
37	Antenna Wm (300 De..	None					126			
38	Antenna Wm (330 De..	None					126			
39	Structure D	None		-1					3	
40	Structure Di	None						61	3	
41	Structure Wo (0 Deg)	None						122		
42	Structure Wo (30 Deg)	None						122		
43	Structure Wo (60 Deg)	None						122		
44	Structure Wo (90 Deg)	None						122		
45	Structure Wo (120 D...	None						122		
46	Structure Wo (150 D...	None						122		
47	Structure Wo (180 D...	None						122		
48	Structure Wo (210 D...	None						122		
49	Structure Wo (240 D...	None						122		
50	Structure Wo (270 D...	None						122		
51	Structure Wo (300 D...	None						122		
52	Structure Wo (330 D...	None						122		
53	Structure Wi (0 Deg)	None						122		
54	Structure Wi (30 Deg)	None						122		
55	Structure Wi (60 Deg)	None						122		
56	Structure Wi (90 Deg)	None						122		
57	Structure Wi (120 De..	None						122		
58	Structure Wi (150 De..	None						122		

Basic Load Cases (Continued)

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed	Area(Me...	Surface(P...
59	Structure Wi (180 De...	None						122		
60	Structure Wi (210 De...	None						122		
61	Structure Wi (240 De...	None						122		
62	Structure Wi (270 De...	None						122		
63	Structure Wi (300 De...	None						122		
64	Structure Wi (330 De...	None						122		
65	Structure Wm (0 Deg)	None						122		
66	Structure Wm (30 De...	None						122		
67	Structure Wm (60 De...	None						122		
68	Structure Wm (90 De...	None						122		
69	Structure Wm (120 D...	None						122		
70	Structure Wm (150 D...	None						122		
71	Structure Wm (180 D...	None						122		
72	Structure Wm (210 D...	None						122		
73	Structure Wm (240 D...	None						122		
74	Structure Wm (270 D...	None						122		
75	Structure Wm (300 D...	None						122		
76	Structure Wm (330 D...	None						122		
77	Lm1	None					1			
78	Lm2	None					1			
79	Lv1	None					1			
80	Lv2	None					1			
81	Antenna Ev	None					126			
82	Antenna Eh (0 Deg)	None					84			
83	Antenna Eh (90 Deg)	None					84			
84	Structure Ev	ELY							3	
85	Structure Eh (0 Deg)	ELZ			-03				3	
86	Structure Eh (90 Deg)	ELX	.03						3	
87	BLC 39 Transient Are...	None						30		
88	BLC 40 Transient Are...	None						30		
89	BLC 84 Transient Are...	None								
90	BLC 85 Transient Are...	None						30		
91	BLC 86 Transient Are...	None						30		

Load Combinations

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

Load Combinations (Continued)

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

Joint Coordinates and Temperatures

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
1	N3	-0.	0	-2.041667	0	
2	N5	-2.541667	0	-3.541667	0	
3	N6	2.315104	0.166667	-3.541667	0	
4	N7	-2.315104	0.166667	-3.541667	0	
5	N24	-0.	0	-3.541667	0	
6	N27	-0.	0	-7.229167	0	
7	CP	0	0	0	0	
8	N29	2.315104	0	-3.541667	0	
9	N30	-2.315104	0	-3.541667	0	
10	N101	2.541667	0	-3.541667	0	
11	N102	-0.166667	0	-3.541667	0	
12	N103A	0.166667	0	-3.541667	0	
13	N104A	-2.541667	0	-3.760417	0	
14	N105	2.541667	0	-3.760417	0	
15	N131	2.458333	0	-3.904754	0	
16	N135	0.571615	0	-7.13219	0	
17	N144	-2.458333	0	-3.904754	0	
18	N148	-0.571615	0	-7.13219	0	
19	N86A	2.584629	0	-3.977671	0	
20	N86B	-2.584629	0	-3.977671	0	
21	N86C	-0.515625	0	-7.229167	0	
22	N87A	0.515625	0	-7.229167	0	
23	N86D	0.715429	0	-7.215221	0	
24	N86E	-0.715429	0	-7.215221	0	
25	N88A	-0.	0	-7.145833	0	
26	N87C	0.234238	0.166667	-7.145833	0	
27	N86G	0.234238	0	-7.145833	0	
28	N87B	-0.234238	0.166667	-7.145833	0	
29	N88C	-0.234238	0	-7.145833	0	
30	N30A	-1.768135	0	1.020833	0	
31	N31	-1.79634	0	3.971981	0	
32	N32	-4.224725	0.166667	-0.234106	0	
33	N33	-1.909621	0.166667	3.775772	0	
34	N34	-3.067173	0	1.770833	0	
35	N35	-6.260642	0	3.614583	0	
36	N37	-4.224725	0	-0.234106	0	
37	N38	-1.909621	0	3.775772	0	
38	N39	-4.338007	0	-0.430315	0	
39	N40	-2.98384	0	1.915171	0	
40	N41	-3.150507	0	1.626496	0	
41	N42	-1.985783	0	4.081356	0	
42	N43	-4.52745	0	-0.32094	0	
43	N44	-4.610783	0	-0.176602	0	
44	N45	-6.462465	0	3.071062	0	
45	N46	-2.15245	0	4.081356	0	
46	N47	-5.89085	0	4.061128	0	
47	N48	-4.737079	0	-0.249519	0	
48	N49	-2.15245	0	4.22719	0	
49	N50	-6.002829	0	4.061128	0	
50	N51	-6.518454	0	3.168039	0	
51	N52	-6.606279	0	2.988031	0	
52	N53	-5.89085	0	4.22719	0	
53	N54	-6.188473	0	3.572917	0	
54	N55	-6.305592	0.166667	3.370061	0	
55	N56	-6.305592	0	3.370061	0	
56	N57	-6.071354	0.166667	3.775772	0	
57	N58	-6.071354	0	3.775772	0	
58	N59	1.768135	0	1.020833	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
59	N60	4.338007	0	-0.430315	0	
60	N61	1.909621	0.166667	3.775772	0	
61	N62	4.224725	0.166667	-0.234106	0	
62	N63	3.067173	0	1.770833	0	
63	N64	6.260642	0	3.614583	0	
64	N66	1.909621	0	3.775772	0	
65	N67	4.224725	0	-0.234106	0	
66	N68	1.79634	0	3.971981	0	
67	N69	3.150507	0	1.626496	0	
68	N70	2.98384	0	1.915171	0	
69	N71	4.52745	0	-0.32094	0	
70	N72	1.985783	0	4.081356	0	
71	N73	2.15245	0	4.081356	0	
72	N74	5.89085	0	4.061128	0	
73	N75	4.610783	0	-0.176602	0	
74	N76	6.462465	0	3.071062	0	
75	N77	2.15245	0	4.22719	0	
76	N78	4.737079	0	-0.249519	0	
77	N79	6.518454	0	3.168039	0	
78	N80	6.002829	0	4.061128	0	
79	N81	5.89085	0	4.22719	0	
80	N82	6.606279	0	2.988031	0	
81	N83	6.188473	0	3.572917	0	
82	N84	6.071354	0.166667	3.775772	0	
83	N85	6.071354	0	3.775772	0	
84	N86	6.305592	0.166667	3.370061	0	
85	N87	6.305592	0	3.370061	0	
86	N86F	0.	0	4.22719	0	
87	N87D	6.25	0	4.22719	0	
88	N88	-6.25	0	4.22719	0	
89	N90	0.535854	0	-7.526254	0	
90	N91	6.785854	0	3.299064	0	
91	N93	-6.785854	0	3.299064	0	
92	N94	-0.535854	0	-7.526254	0	
93	N93A	-0.	-2.666667	-2.041667	0	
94	N94A	-1.768135	-2.666667	1.020833	0	
95	N95	1.768135	-2.666667	1.020833	0	
96	N96	-0.	0	-5.833333	0	
97	N98	-5.051815	0	2.916667	0	
98	N100	5.051815	0	2.916667	0	
99	N99	5.375	0	4.22719	0	
100	N100A	5.375	0	4.47719	0	
101	N101A	5.375	4.229167	4.47719	0	
102	N102A	5.375	-1.770833	4.47719	0	
103	N104	0.	0	4.47719	0	
104	N105A	0.	4.0625	4.47719	0	
105	N106	0.	-1.9375	4.47719	0	
106	N107	-3.291667	0	4.22719	0	
107	N108	-3.291667	0	4.47719	0	
108	N109	-3.291667	4.0625	4.47719	0	
109	N110	-3.291667	-1.9375	4.47719	0	
110	N111	-5.208333	0	4.22719	0	
111	N112	-5.208333	0	4.47719	0	
112	N113	-5.208333	3.8125	4.47719	0	
113	N114	-5.208333	-2.1875	4.47719	0	
114	N115	3.660854	0	-2.113595	0	
115	N116	0.973354	0	-6.768482	0	
116	N117	1.18986	0	-6.893482	0	
117	N118	1.18986	4.229167	-6.893482	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
118	N119	1.18986	-1.770833	-6.893482	0	
119	N120	3.87736	0	-2.238595	0	
120	N121	3.87736	4.0625	-2.238595	0	
121	N122	3.87736	-1.9375	-2.238595	0	
122	N123	5.306687	0	0.737072	0	
123	N124	5.523194	0	0.612072	0	
124	N125	5.523194	4.0625	0.612072	0	
125	N126	5.523194	-1.9375	0.612072	0	
126	N127	6.265021	0	2.396954	0	
127	N128	6.481527	0	2.271954	0	
128	N129	6.481527	3.8125	2.271954	0	
129	N130	6.481527	-2.1875	2.271954	0	
130	N132	-3.660854	0	-2.113595	0	
131	N133	-6.348354	0	2.541292	0	
132	N134	-6.56486	0	2.416292	0	
133	N135A	-6.56486	4.229167	2.416292	0	
134	N136	-6.56486	-1.770833	2.416292	0	
135	N137	-3.87736	0	-2.238595	0	
136	N138	-3.87736	4.0625	-2.238595	0	
137	N139	-3.87736	-1.9375	-2.238595	0	
138	N140	-2.015021	0	-4.964262	0	
139	N141	-2.231527	0	-5.089262	0	
140	N142	-2.231527	4.0625	-5.089262	0	
141	N143	-2.231527	-1.9375	-5.089262	0	
142	N144A	-1.056687	0	-6.624144	0	
143	N145	-1.273194	0	-6.749144	0	
144	N146	-1.273194	3.8125	-6.749144	0	
145	N147	-1.273194	-2.1875	-6.749144	0	
146	N146A	-2.417654	0	1.395833	0	
147	N147A	-2.584321	0	1.107158	0	
148	N148A	-2.584321	-5	1.107158	0	
149	N149	-2.584321	2.5	1.107158	0	
150	N150	6.25	3	4.22719	0	
151	N151	-6.25	3	4.22719	0	
152	N152	0.535854	3	-7.526254	0	
153	N153	6.785854	3	3.299064	0	
154	N154	-6.785854	3	3.299064	0	
155	N155	-0.535854	3	-7.526254	0	
156	N157	-5.	3	4.22719	0	
157	N159	-5.	3	4.10219	0	
158	N168A	0.	3	4.22719	0	
159	N169A	5.375	3	4.22719	0	
160	N170	5.375	3	4.47719	0	
161	N171	0.	3	4.47719	0	
162	N172	-3.291667	3	4.22719	0	
163	N173	-3.291667	3	4.47719	0	
164	N174	-5.208333	3	4.22719	0	
165	N175	-5.208333	3	4.47719	0	
166	N176	3.660854	3	-2.113595	0	
167	N177	0.973354	3	-6.768482	0	
168	N178	1.18986	3	-6.893482	0	
169	N179	3.87736	3	-2.238595	0	
170	N180	5.306687	3	0.737072	0	
171	N181	5.523194	3	0.612072	0	
172	N182	6.265021	3	2.396954	0	
173	N183	6.481527	3	2.271954	0	
174	N184	-3.660854	3	-2.113595	0	
175	N185	-6.348354	3	2.541292	0	
176	N186	-6.56486	3	2.416292	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
177	N187	-3.87736	3	-2.238595	0	
178	N188	-2.015021	3	-4.964262	0	
179	N189	-2.231527	3	-5.089262	0	
180	N190	-1.056687	3	-6.624144	0	
181	N191	-1.273194	3	-6.749144	0	
182	N193	6.160854	3	2.216532	0	
183	N195	6.052601	3	2.279032	0	
184	N196	-6.160854	3	2.216532	0	
185	N198	-6.052601	3	2.279032	0	
186	N188A	5.	3	4.22719	0	
187	N189A	5.	3	4.10219	0	
188	N190A	-1.160854	3	-6.443722	0	
189	N191A	-1.052601	3	-6.381222	0	
190	N192	1.160854	3	-6.443722	0	
191	N193A	1.052601	3	-6.381222	0	

Hot Rolled Steel Section Sets

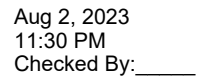
	Label	Shape	Type	Design List	Material	Design Rules	A [in2]	Iyy [in4]	Izz [in4]	J [in4]
1	Face Horizo...	PIPE 3.0	Beam	Pipe	A53 Gr.B	Typical	2.07	2.85	2.85	5.69
2	Standoff	HSS4X4X4	Beam	SquareTube	A500 Gr.B R...	Typical	3.37	7.8	7.8	12.8
3	Corner Plate	PL1/2x6	Beam	RECT	A36 Gr.36	Typical	3	.063	9	.237
4	Standoff Cro...	L3X3X3	Beam	Single Angle	A36 Gr.36	Typical	1.09	.948	.948	.014
5	Grating Sup...	L2x2x3	Beam	Single Angle	A36 Gr.36	Typical	.722	.271	.271	.009
6	Mount Pipe	PIPE 2.0	Column	Pipe	A53 Gr.B	Typical	1.02	.627	.627	1.25
7	Cross Arm P...	PL3/8x6	Column	RECT	A36 Gr.36	Typical	2.25	.026	6.75	.101
8	Dual Antenn...	PIPE 2.5	Column	Pipe	A53 Gr.B	Typical	1.61	1.45	1.45	2.89
9	Kicker	LL2.5x2.5x4	Column	Double Angl...	A36 Gr.36	Typical	2.375	2.628	1.406	.046
10	TES Kicker	L2.5x2x4	Column	Double Angl...	A36 Gr.36	Typical	1.07	.372	.656	.024
11	Support Rail	PIPE 2.5	Beam	Pipe	A53 Gr.B	Typical	1.61	1.45	1.45	2.89
12	Support Rail...	L3X3X4	Beam	Single Angle	A36 Gr.36	Typical	1.44	1.23	1.23	.031

Hot Rolled Steel Properties

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

Member Primary Data

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
1	M4	N3	N27			Standoff	Beam	SquareTube	A500 Gr.B...	Typical
2	M10	N101	N103A		180	Standoff Cross...	Beam	Single Angle	A36 Gr.36	Typical
3	M43	N102	N5		180	Standoff Cross...	Beam	Single Angle	A36 Gr.36	Typical
4	M46	N86C	N87A			Corner Plate	Beam	RECT	A36 Gr.36	Typical
5	M35A	N7	N30			RIGID	None	None	RIGID	Typical
6	M36A	N6	N29			RIGID	None	None	RIGID	Typical
7	M51B	N87C	N6			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
8	M52B	N7	N87B			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
9	M52	N87B	N88C			RIGID	None	None	RIGID	Typical
10	M58	N102	N24			RIGID	None	None	RIGID	Typical



	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
11	M59	N24	N103A			RIGID	None	None	RIGID	Typical
12	M76	N101	N105			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
13	M77	N105	N131			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
14	M79	N131	N86A			RIGID	None	None	RIGID	Typical
15	M80	N87A	N135			Corner Plate	Beam	RECT	A36 Gr.36	Typical
16	M83	N135	N86D			RIGID	None	None	RIGID	Typical
17	M84	N5	N104A			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
18	M85	N104A	N144			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
19	M88	N144	N86B			RIGID	None	None	RIGID	Typical
20	M91	N86C	N148			Corner Plate	Beam	RECT	A36 Gr.36	Typical
21	M92	N148	N86E			RIGID	None	None	RIGID	Typical
22	M50	N88C	N88A			RIGID	None	None	RIGID	Typical
23	M51	N88A	N86G			RIGID	None	None	RIGID	Typical
24	M51A	N87C	N86G			RIGID	None	None	RIGID	Typical
25	M25	N30A	N35			Standoff	Beam	SquareTube	A500 Gr.B...	Typical
26	M26	N39	N41		180	Standoff Cross...	Beam	Single Angle	A36 Gr.36	Typical
27	M27	N40	N31		180	Standoff Cross...	Beam	Single Angle	A36 Gr.36	Typical
28	M28	N50	N51			Corner Plate	Beam	RECT	A36 Gr.36	Typical
29	M29	N33	N38			RIGID	None	None	RIGID	Typical
30	M30	N32	N37			RIGID	None	None	RIGID	Typical
31	M31	N55	N32			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
32	M32	N33	N57			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
33	M33	N57	N58			RIGID	None	None	RIGID	Typical
34	M34	N40	N34			RIGID	None	None	RIGID	Typical
35	M35	N34	N41			RIGID	None	None	RIGID	Typical
36	M36	N39	N43			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
37	M37	N43	N44			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
38	M38	N44	N48			RIGID	None	None	RIGID	Typical
39	M39	N51	N45			Corner Plate	Beam	RECT	A36 Gr.36	Typical
40	M40	N45	N52			RIGID	None	None	RIGID	Typical
41	M41	N31	N42			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
42	M42	N42	N46			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
43	M43A	N46	N49			RIGID	None	None	RIGID	Typical
44	M44	N50	N47			Corner Plate	Beam	RECT	A36 Gr.36	Typical
45	M45	N47	N53			RIGID	None	None	RIGID	Typical
46	M46A	N58	N54			RIGID	None	None	RIGID	Typical
47	M47	N54	N56			RIGID	None	None	RIGID	Typical
48	M48	N55	N56			RIGID	None	None	RIGID	Typical
49	M49	N59	N64			Standoff	Beam	SquareTube	A500 Gr.B...	Typical
50	M50A	N68	N70		180	Standoff Cross...	Beam	Single Angle	A36 Gr.36	Typical
51	M51C	N69	N60		180	Standoff Cross...	Beam	Single Angle	A36 Gr.36	Typical
52	M52A	N79	N80			Corner Plate	Beam	RECT	A36 Gr.36	Typical
53	M53	N62	N67			RIGID	None	None	RIGID	Typical
54	M54	N61	N66			RIGID	None	None	RIGID	Typical
55	M55	N84	N61			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
56	M56	N62	N86			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
57	M57	N86	N87			RIGID	None	None	RIGID	Typical
58	M58A	N69	N63			RIGID	None	None	RIGID	Typical
59	M59A	N63	N70			RIGID	None	None	RIGID	Typical
60	M60	N68	N72			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
61	M61	N72	N73			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
62	M62	N73	N77			RIGID	None	None	RIGID	Typical
63	M63	N80	N74			Corner Plate	Beam	RECT	A36 Gr.36	Typical
64	M64	N74	N81			RIGID	None	None	RIGID	Typical
65	M65	N60	N71			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
66	M66	N71	N75			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
67	M67	N75	N78			RIGID	None	None	RIGID	Typical
68	M68	N79	N76			Corner Plate	Beam	RECT	A36 Gr.36	Typical
69	M69	N76	N82			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
70	M70	N87	N83			RIGID	None	None	RIGID	Typical
71	M71	N83	N85			RIGID	None	None	RIGID	Typical
72	M72	N84	N85			RIGID	None	None	RIGID	Typical
73	M73	N88	N87D			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
74	M74	N91	N90			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
75	M75	N94	N93			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
76	M76A	N98	N94A			TES Kicker	Column	Double Angle (...)	A36 Gr.36	Typical
77	M77A	N100	N95			TES Kicker	Column	Double Angle (...)	A36 Gr.36	Typical
78	M78	N96	N93A			TES Kicker	Column	Double Angle (...)	A36 Gr.36	Typical
79	M79A	N99	N100A			RIGID	None	None	RIGID	Typical
80	MP1A	N101A	N102A			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
81	M81	N86F	N104			RIGID	None	None	RIGID	Typical
82	MP2A	N105A	N106			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
83	M83A	N107	N108			RIGID	None	None	RIGID	Typical
84	MP3A	N109	N110			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
85	M85A	N111	N112			RIGID	None	None	RIGID	Typical
86	MP4A	N113	N114			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
87	M87	N116	N117			RIGID	None	None	RIGID	Typical
88	MP1C	N118	N119			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
89	M89	N115	N120			RIGID	None	None	RIGID	Typical
90	MP2C	N121	N122			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
91	M91A	N123	N124			RIGID	None	None	RIGID	Typical
92	MP3C	N125	N126			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
93	M93	N127	N128			RIGID	None	None	RIGID	Typical
94	MP4C	N129	N130			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
95	M95	N133	N134			RIGID	None	None	RIGID	Typical
96	MP1B	N135A	N136			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
97	M97	N132	N137			RIGID	None	None	RIGID	Typical
98	MP2B	N138	N139			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
99	M99	N140	N141			RIGID	None	None	RIGID	Typical
100	MP3B	N142	N143			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
101	M101	N144A	N145			RIGID	None	None	RIGID	Typical
102	MP4B	N146	N147			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
103	M103	N146A	N147A			RIGID	None	None	RIGID	Typical
104	M104	N149	N148A			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
105	M105	N151	N150			Support Rail	Beam	Pipe	A53 Gr.B	Typical
106	M106	N153	N152			Support Rail	Beam	Pipe	A53 Gr.B	Typical
107	M107	N155	N154			Support Rail	Beam	Pipe	A53 Gr.B	Typical
108	M108	N157	N159			RIGID	None	None	RIGID	Typical
109	M114	N198	N159		180	Support Rail C...	Beam	Single Angle	A36 Gr.36	Typical
110	M117	N169A	N170			RIGID	None	None	RIGID	Typical
111	M118	N168A	N171			RIGID	None	None	RIGID	Typical
112	M119	N172	N173			RIGID	None	None	RIGID	Typical
113	M120	N174	N175			RIGID	None	None	RIGID	Typical
114	M121	N177	N178			RIGID	None	None	RIGID	Typical
115	M122	N176	N179			RIGID	None	None	RIGID	Typical
116	M123	N180	N181			RIGID	None	None	RIGID	Typical
117	M124	N182	N183			RIGID	None	None	RIGID	Typical
118	M125	N185	N186			RIGID	None	None	RIGID	Typical
119	M126	N184	N187			RIGID	None	None	RIGID	Typical
120	M127	N188	N189			RIGID	None	None	RIGID	Typical
121	M128	N190	N191			RIGID	None	None	RIGID	Typical
122	M129	N193	N195			RIGID	None	None	RIGID	Typical
123	M132	N196	N198			RIGID	None	None	RIGID	Typical
124	M124A	N193	N195			RIGID	None	None	RIGID	Typical
125	M125A	N189A	N195		180	Support Rail C...	Beam	Single Angle	A36 Gr.36	Typical
126	M126A	N188A	N189A			RIGID	None	None	RIGID	Typical
127	M127A	N190A	N191A			RIGID	None	None	RIGID	Typical
128	M128A	N193A	N191A		180	Support Rail C...	Beam	Single Angle	A36 Gr.36	Typical

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
129	M129A	N192	N193A			RIGID	None	None	RIGID	Typical

Member Advanced Data

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
1	M4						Yes				None
2	M10						Yes	Default			None
3	M43						Yes	Default			None
4	M46						Yes	Default			None
5	M35A						Yes	** NA **			None
6	M36A						Yes	** NA **			None
7	M51B	OOOOOX	OOOOOX				Yes	Default			None
8	M52B	OOOOOX	OOOOOX				Yes	Default			None
9	M52						Yes	** NA **			None
10	M58						Yes	** NA **			None
11	M59						Yes	** NA **			None
12	M76						Yes	** NA **			None
13	M77						Yes	** NA **			None
14	M79		BenPIN				Yes	** NA **			None
15	M80						Yes				None
16	M83		BenPIN				Yes	** NA **			None
17	M84						Yes	** NA **			None
18	M85						Yes	** NA **			None
19	M88		BenPIN				Yes	** NA **			None
20	M91						Yes				None
21	M92		BenPIN				Yes	** NA **			None
22	M50						Yes	** NA **			None
23	M51						Yes	** NA **			None
24	M51A						Yes	** NA **			None
25	M25						Yes				None
26	M26						Yes	Default			None
27	M27						Yes	Default			None
28	M28						Yes	Default			None
29	M29						Yes	** NA **			None
30	M30						Yes	** NA **			None
31	M31	OOOOOX	OOOOOX				Yes	Default			None
32	M32	OOOOOX	OOOOOX				Yes	Default			None
33	M33						Yes	** NA **			None
34	M34						Yes	** NA **			None
35	M35						Yes	** NA **			None
36	M36						Yes	** NA **			None
37	M37						Yes	** NA **			None
38	M38		BenPIN				Yes	** NA **			None
39	M39						Yes				None
40	M40		BenPIN				Yes	** NA **			None
41	M41						Yes	** NA **			None
42	M42						Yes	** NA **			None
43	M43A		BenPIN				Yes	** NA **			None
44	M44						Yes				None
45	M45		BenPIN				Yes	** NA **			None
46	M46A						Yes	** NA **			None
47	M47						Yes	** NA **			None
48	M48						Yes	** NA **			None
49	M49						Yes				None
50	M50A						Yes	Default			None
51	M51C						Yes	Default			None
52	M52A						Yes	Default			None
53	M53						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...
54	M54						Yes	** NA **			None
55	M55	OOOOOX	OOOOOX				Yes	Default			None
56	M56	OOOOOX	OOOOOX				Yes	Default			None
57	M57						Yes	** NA **			None
58	M58A						Yes	** NA **			None
59	M59A						Yes	** NA **			None
60	M60						Yes	** NA **			None
61	M61						Yes	** NA **			None
62	M62		BenPIN				Yes	** NA **			None
63	M63						Yes				None
64	M64		BenPIN				Yes	** NA **			None
65	M65						Yes	** NA **			None
66	M66						Yes	** NA **			None
67	M67		BenPIN				Yes	** NA **			None
68	M68						Yes				None
69	M69		BenPIN				Yes	** NA **			None
70	M70						Yes	** NA **			None
71	M71						Yes	** NA **			None
72	M72						Yes	** NA **			None
73	M73						Yes				None
74	M74						Yes				None
75	M75						Yes				None
76	M76A	BenPIN					Yes	** NA **			None
77	M77A	BenPIN					Yes	** NA **			None
78	M78	BenPIN					Yes	** NA **			None
79	M79A						Yes	** NA **			None
80	MP1A						Yes	** NA **			None
81	M81						Yes	** NA **			None
82	MP2A						Yes	** NA **			None
83	M83A						Yes	** NA **			None
84	MP3A						Yes	** NA **			None
85	M85A						Yes	** NA **			None
86	MP4A						Yes	** NA **			None
87	M87						Yes	** NA **			None
88	MP1C						Yes	** NA **			None
89	M89						Yes	** NA **			None
90	MP2C						Yes	** NA **			None
91	M91A						Yes	** NA **			None
92	MP3C						Yes	** NA **			None
93	M93						Yes	** NA **			None
94	MP4C						Yes	** NA **			None
95	M95						Yes	** NA **			None
96	MP1B						Yes	** NA **			None
97	M97						Yes	** NA **			None
98	MP2B						Yes	** NA **			None
99	M99						Yes	** NA **			None
100	MP3B						Yes	** NA **			None
101	M101						Yes	** NA **			None
102	MP4B						Yes	** NA **			None
103	M103						Yes	** NA **			None
104	M104						Yes	** NA **			None
105	M105						Yes				None
106	M106						Yes				None
107	M107						Yes				None
108	M108	OOOOOX					Yes	** NA **			None
109	M114						Yes				None
110	M117						Yes	** NA **			None
111	M118						Yes	** NA **			None
112	M119						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...
113	M120						Yes	** NA **			None
114	M121						Yes	** NA **			None
115	M122						Yes	** NA **			None
116	M123						Yes	** NA **			None
117	M124						Yes	** NA **			None
118	M125						Yes	** NA **			None
119	M126						Yes	** NA **			None
120	M127						Yes	** NA **			None
121	M128						Yes	** NA **			None
122	M129	OOOOOX					Yes	** NA **			None
123	M132	OOOOOX					Yes	** NA **			None
124	M124A	OOOOOX					Yes	** NA **			None
125	M125A						Yes				None
126	M126A	OOOOOX					Yes	** NA **			None
127	M127A	OOOOOX					Yes	** NA **			None
128	M128A						Yes				None
129	M129A	OOOOOX					Yes	** NA **			None

Member Point Loads (BLC 1 : Antenna D)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	Y	-8.8	4.5
2	MP2A	My	.009	4.5
3	MP2A	Mz	.003	4.5
4	MP2A	Y	-8.8	5.5
5	MP2A	My	.009	5.5
6	MP2A	Mz	.003	5.5
7	MP2A	Y	-8.8	4.5
8	MP2A	My	.009	4.5
9	MP2A	Mz	-.003	4.5
10	MP2A	Y	-8.8	5.5
11	MP2A	My	.009	5.5
12	MP2A	Mz	-.003	5.5
13	MP2B	Y	-8.8	4.5
14	MP2B	My	.009	4.5
15	MP2B	Mz	.003	4.5
16	MP2B	Y	-8.8	5.5
17	MP2B	My	.009	5.5
18	MP2B	Mz	.003	5.5
19	MP2B	Y	-8.8	4.5
20	MP2B	My	.009	4.5
21	MP2B	Mz	-.003	4.5
22	MP2B	Y	-8.8	5.5
23	MP2B	My	.009	5.5
24	MP2B	Mz	-.003	5.5
25	MP1A	Y	-4.4	4.5
26	MP1A	My	-.002	4.5
27	MP1A	Mz	0	4.5
28	MP1B	Y	-4.4	4.5
29	MP1B	My	.001	4.5
30	MP1B	Mz	-.002	4.5
31	MP1C	Y	-4.4	4.5
32	MP1C	My	.001	4.5
33	MP1C	Mz	.002	4.5
34	MP1A	Y	-43.55	.5
35	MP1A	My	-.022	.5
36	MP1A	Mz	0	.5
37	MP1A	Y	-43.55	2.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
38	MP1A	My	-.022	2.5
39	MP1A	Mz	0	2.5
40	MP1B	Y	-43.55	.5
41	MP1B	My	.014	.5
42	MP1B	Mz	-.017	.5
43	MP1B	Y	-43.55	2.5
44	MP1B	My	.014	2.5
45	MP1B	Mz	-.017	2.5
46	MP1C	Y	-43.55	.5
47	MP1C	My	.011	.5
48	MP1C	Mz	.019	.5
49	MP1C	Y	-43.55	2.5
50	MP1C	My	.011	2.5
51	MP1C	Mz	.019	2.5
52	MP2A	Y	-84.4	2.5
53	MP2A	My	.042	2.5
54	MP2A	Mz	0	2.5
55	MP2B	Y	-84.4	2.5
56	MP2B	My	-.027	2.5
57	MP2B	Mz	.032	2.5
58	MP2C	Y	-84.4	2.5
59	MP2C	My	-.021	2.5
60	MP2C	Mz	-.037	2.5
61	MP3A	Y	-70.3	2.5
62	MP3A	My	.035	2.5
63	MP3A	Mz	0	2.5
64	MP3B	Y	-70.3	2.5
65	MP3B	My	-.023	2.5
66	MP3B	Mz	.027	2.5
67	MP3C	Y	-70.3	2.5
68	MP3C	My	-.018	2.5
69	MP3C	Mz	-.03	2.5
70	M104	Y	-32	1.5
71	M104	My	0	1.5
72	M104	Mz	0	1.5
73	MP2A	Y	-20	.5
74	MP2A	My	-.01	.5
75	MP2A	Mz	.012	.5
76	MP2A	Y	-20	5.5
77	MP2A	My	-.01	5.5
78	MP2A	Mz	.012	5.5
79	MP2B	Y	-20	.5
80	MP2B	My	-.003	.5
81	MP2B	Mz	-.015	.5
82	MP2B	Y	-20	5.5
83	MP2B	My	-.003	5.5
84	MP2B	Mz	-.015	5.5
85	MP2C	Y	-20	.5
86	MP2C	My	.015	.5
87	MP2C	Mz	.003	.5
88	MP2C	Y	-20	5.5
89	MP2C	My	.015	5.5
90	MP2C	Mz	.003	5.5
91	MP2A	Y	-20	.5
92	MP2A	My	-.01	.5
93	MP2A	Mz	-.012	.5
94	MP2A	Y	-20	5.5
95	MP2A	My	-.01	5.5
96	MP2A	Mz	-.012	5.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
97	MP2B	Y	-20	.5
98	MP2B	My	.015	.5
99	MP2B	Mz	-.000161	.5
100	MP2B	Y	-20	5.5
101	MP2B	My	.015	5.5
102	MP2B	Mz	-.000161	5.5
103	MP2C	Y	-20	.5
104	MP2C	My	-.005	.5
105	MP2C	Mz	.014	.5
106	MP2C	Y	-20	5.5
107	MP2C	My	-.005	5.5
108	MP2C	Mz	.014	5.5
109	MP3A	Y	-16.55	.5
110	MP3A	My	-.008	.5
111	MP3A	Mz	0	.5
112	MP3A	Y	-16.55	5.5
113	MP3A	My	-.008	5.5
114	MP3A	Mz	0	5.5
115	MP3B	Y	-16.55	.5
116	MP3B	My	.005	.5
117	MP3B	Mz	-.006	.5
118	MP3B	Y	-16.55	5.5
119	MP3B	My	.005	5.5
120	MP3B	Mz	-.006	5.5
121	MP3C	Y	-16.55	.5
122	MP3C	My	.004	.5
123	MP3C	Mz	.007	.5
124	MP3C	Y	-16.55	5.5
125	MP3C	My	.004	5.5
126	MP3C	Mz	.007	5.5

Member Point Loads (BLC 2 : Antenna Di)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	Y	-14.604	4.5
2	MP2A	My	.015	4.5
3	MP2A	Mz	.005	4.5
4	MP2A	Y	-14.604	5.5
5	MP2A	My	.015	5.5
6	MP2A	Mz	.005	5.5
7	MP2A	Y	-14.604	4.5
8	MP2A	My	.015	4.5
9	MP2A	Mz	-.005	4.5
10	MP2A	Y	-14.604	5.5
11	MP2A	My	.015	5.5
12	MP2A	Mz	-.005	5.5
13	MP2B	Y	-14.604	4.5
14	MP2B	My	.015	4.5
15	MP2B	Mz	.005	4.5
16	MP2B	Y	-14.604	5.5
17	MP2B	My	.015	5.5
18	MP2B	Mz	.005	5.5
19	MP2B	Y	-14.604	4.5
20	MP2B	My	.015	4.5
21	MP2B	Mz	-.005	4.5
22	MP2B	Y	-14.604	5.5
23	MP2B	My	.015	5.5
24	MP2B	Mz	-.005	5.5
25	MP1A	Y	-23.098	4.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
26	MP1A	My	-.012	4.5
27	MP1A	Mz	0	4.5
28	MP1B	Y	-23.098	4.5
29	MP1B	My	.007	4.5
30	MP1B	Mz	-.009	4.5
31	MP1C	Y	-23.098	4.5
32	MP1C	My	.006	4.5
33	MP1C	Mz	.01	4.5
34	MP1A	Y	-56.996	.5
35	MP1A	My	-.028	.5
36	MP1A	Mz	0	.5
37	MP1A	Y	-56.996	2.5
38	MP1A	My	-.028	2.5
39	MP1A	Mz	0	2.5
40	MP1B	Y	-56.996	.5
41	MP1B	My	.018	.5
42	MP1B	Mz	-.022	.5
43	MP1B	Y	-56.996	2.5
44	MP1B	My	.018	2.5
45	MP1B	Mz	-.022	2.5
46	MP1C	Y	-56.996	.5
47	MP1C	My	.014	.5
48	MP1C	Mz	.025	.5
49	MP1C	Y	-56.996	2.5
50	MP1C	My	.014	2.5
51	MP1C	Mz	.025	2.5
52	MP2A	Y	-72.453	2.5
53	MP2A	My	.036	2.5
54	MP2A	Mz	0	2.5
55	MP2B	Y	-72.453	2.5
56	MP2B	My	-.023	2.5
57	MP2B	Mz	.028	2.5
58	MP2C	Y	-72.453	2.5
59	MP2C	My	-.018	2.5
60	MP2C	Mz	-.031	2.5
61	MP3A	Y	-65.422	2.5
62	MP3A	My	.033	2.5
63	MP3A	Mz	0	2.5
64	MP3B	Y	-65.422	2.5
65	MP3B	My	-.021	2.5
66	MP3B	Mz	.025	2.5
67	MP3C	Y	-65.422	2.5
68	MP3C	My	-.016	2.5
69	MP3C	Mz	-.028	2.5
70	M104	Y	-120.94	1.5
71	M104	My	0	1.5
72	M104	Mz	0	1.5
73	MP2A	Y	-97.358	.5
74	MP2A	My	-.049	.5
75	MP2A	Mz	.057	.5
76	MP2A	Y	-97.358	5.5
77	MP2A	My	-.049	5.5
78	MP2A	Mz	.057	5.5
79	MP2B	Y	-97.358	.5
80	MP2B	My	-.012	.5
81	MP2B	Mz	-.074	.5
82	MP2B	Y	-97.358	5.5
83	MP2B	My	-.012	5.5
84	MP2B	Mz	-.074	5.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
85	MP2C	Y	-97.358	.5
86	MP2C	My	.074	.5
87	MP2C	Mz	.014	.5
88	MP2C	Y	-97.358	5.5
89	MP2C	My	.074	5.5
90	MP2C	Mz	.014	5.5
91	MP2A	Y	-97.358	.5
92	MP2A	My	-.049	.5
93	MP2A	Mz	-.057	.5
94	MP2A	Y	-97.358	5.5
95	MP2A	My	-.049	5.5
96	MP2A	Mz	-.057	5.5
97	MP2B	Y	-97.358	.5
98	MP2B	My	.075	.5
99	MP2B	Mz	-.000785	.5
100	MP2B	Y	-97.358	5.5
101	MP2B	My	.075	5.5
102	MP2B	Mz	-.000785	5.5
103	MP2C	Y	-97.358	.5
104	MP2C	My	-.025	.5
105	MP2C	Mz	.071	.5
106	MP2C	Y	-97.358	5.5
107	MP2C	My	-.025	5.5
108	MP2C	Mz	.071	5.5
109	MP3A	Y	-96.62	.5
110	MP3A	My	-.048	.5
111	MP3A	Mz	0	.5
112	MP3A	Y	-96.62	5.5
113	MP3A	My	-.048	5.5
114	MP3A	Mz	0	5.5
115	MP3B	Y	-96.62	.5
116	MP3B	My	.031	.5
117	MP3B	Mz	-.037	.5
118	MP3B	Y	-96.62	5.5
119	MP3B	My	.031	5.5
120	MP3B	Mz	-.037	5.5
121	MP3C	Y	-96.62	.5
122	MP3C	My	.024	.5
123	MP3C	Mz	.042	.5
124	MP3C	Y	-96.62	5.5
125	MP3C	My	.024	5.5
126	MP3C	Mz	.042	5.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP2A	X	0	4.5
2	MP2A	Z	-20.65	4.5
3	MP2A	Mx	-.007	4.5
4	MP2A	X	0	5.5
5	MP2A	Z	-20.65	5.5
6	MP2A	Mx	-.007	5.5
7	MP2A	X	0	4.5
8	MP2A	Z	-20.65	4.5
9	MP2A	Mx	.007	4.5
10	MP2A	X	0	5.5
11	MP2A	Z	-20.65	5.5
12	MP2A	Mx	.007	5.5
13	MP2B	X	0	4.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
14	MP2B	Z	-20.65	4.5
15	MP2B	Mx	-.007	4.5
16	MP2B	X	0	5.5
17	MP2B	Z	-20.65	5.5
18	MP2B	Mx	-.007	5.5
19	MP2B	X	0	4.5
20	MP2B	Z	-20.65	4.5
21	MP2B	Mx	.007	4.5
22	MP2B	X	0	5.5
23	MP2B	Z	-20.65	5.5
24	MP2B	Mx	.007	5.5
25	MP1A	X	0	4.5
26	MP1A	Z	-38.342	4.5
27	MP1A	Mx	0	4.5
28	MP1B	X	0	4.5
29	MP1B	Z	-20.254	4.5
30	MP1B	Mx	.008	4.5
31	MP1C	X	0	4.5
32	MP1C	Z	-15.225	4.5
33	MP1C	Mx	-.007	4.5
34	MP1A	X	0	.5
35	MP1A	Z	-84.32	.5
36	MP1A	Mx	0	.5
37	MP1A	X	0	2.5
38	MP1A	Z	-84.32	2.5
39	MP1A	Mx	0	2.5
40	MP1B	X	0	.5
41	MP1B	Z	-51.879	.5
42	MP1B	Mx	.02	.5
43	MP1B	X	0	2.5
44	MP1B	Z	-51.879	2.5
45	MP1B	Mx	.02	2.5
46	MP1C	X	0	.5
47	MP1C	Z	-42.859	.5
48	MP1C	Mx	-.019	.5
49	MP1C	X	0	2.5
50	MP1C	Z	-42.859	2.5
51	MP1C	Mx	-.019	2.5
52	MP2A	X	0	2.5
53	MP2A	Z	-66.681	2.5
54	MP2A	Mx	0	2.5
55	MP2B	X	0	2.5
56	MP2B	Z	-53.806	2.5
57	MP2B	Mx	-.021	2.5
58	MP2C	X	0	2.5
59	MP2C	Z	-50.226	2.5
60	MP2C	Mx	.022	2.5
61	MP3A	X	0	2.5
62	MP3A	Z	-66.681	2.5
63	MP3A	Mx	0	2.5
64	MP3B	X	0	2.5
65	MP3B	Z	-49.01	2.5
66	MP3B	Mx	-.019	2.5
67	MP3C	X	0	2.5
68	MP3C	Z	-44.096	2.5
69	MP3C	Mx	.019	2.5
70	M104	X	0	1.5
71	M104	Z	-130.699	1.5
72	M104	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
73	MP2A	X	0	.5
74	MP2A	Z	-118.688	.5
75	MP2A	Mx	-.069	.5
76	MP2A	X	0	5.5
77	MP2A	Z	-118.688	5.5
78	MP2A	Mx	-.069	5.5
79	MP2B	X	0	.5
80	MP2B	Z	-78.997	.5
81	MP2B	Mx	.06	.5
82	MP2B	X	0	5.5
83	MP2B	Z	-78.997	5.5
84	MP2B	Mx	.06	5.5
85	MP2C	X	0	.5
86	MP2C	Z	-67.96	.5
87	MP2C	Mx	-.01	.5
88	MP2C	X	0	5.5
89	MP2C	Z	-67.96	5.5
90	MP2C	Mx	-.01	5.5
91	MP2A	X	0	.5
92	MP2A	Z	-118.688	.5
93	MP2A	Mx	.069	.5
94	MP2A	X	0	5.5
95	MP2A	Z	-118.688	5.5
96	MP2A	Mx	.069	5.5
97	MP2B	X	0	.5
98	MP2B	Z	-78.997	.5
99	MP2B	Mx	.000637	.5
100	MP2B	X	0	5.5
101	MP2B	Z	-78.997	5.5
102	MP2B	Mx	.000637	5.5
103	MP2C	X	0	.5
104	MP2C	Z	-67.96	.5
105	MP2C	Mx	-.049	.5
106	MP2C	X	0	5.5
107	MP2C	Z	-67.96	5.5
108	MP2C	Mx	-.049	5.5
109	MP3A	X	0	.5
110	MP3A	Z	-174.262	.5
111	MP3A	Mx	0	.5
112	MP3A	X	0	5.5
113	MP3A	Z	-174.262	5.5
114	MP3A	Mx	0	5.5
115	MP3B	X	0	.5
116	MP3B	Z	-139.522	.5
117	MP3B	Mx	.053	.5
118	MP3B	X	0	5.5
119	MP3B	Z	-139.522	5.5
120	MP3B	Mx	.053	5.5
121	MP3C	X	0	.5
122	MP3C	Z	-129.862	.5
123	MP3C	Mx	-.056	.5
124	MP3C	X	0	5.5
125	MP3C	Z	-129.862	5.5
126	MP3C	Mx	-.056	5.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	X	10.332	4.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
2	MP2A	Z	-17.896	4.5
3	MP2A	Mx	.004	4.5
4	MP2A	X	10.332	5.5
5	MP2A	Z	-17.896	5.5
6	MP2A	Mx	.004	5.5
7	MP2A	X	10.332	4.5
8	MP2A	Z	-17.896	4.5
9	MP2A	Mx	.016	4.5
10	MP2A	X	10.332	5.5
11	MP2A	Z	-17.896	5.5
12	MP2A	Mx	.016	5.5
13	MP2B	X	10.332	4.5
14	MP2B	Z	-17.896	4.5
15	MP2B	Mx	.004	4.5
16	MP2B	X	10.332	5.5
17	MP2B	Z	-17.896	5.5
18	MP2B	Mx	.004	5.5
19	MP2B	X	10.332	4.5
20	MP2B	Z	-17.896	4.5
21	MP2B	Mx	.016	4.5
22	MP2B	X	10.332	5.5
23	MP2B	Z	-17.896	5.5
24	MP2B	Mx	.016	5.5
25	MP1A	X	15.318	4.5
26	MP1A	Z	-26.532	4.5
27	MP1A	Mx	-.008	4.5
28	MP1B	X	4.224	4.5
29	MP1B	Z	-7.317	4.5
30	MP1B	Mx	.004	4.5
31	MP1C	X	15.318	4.5
32	MP1C	Z	-26.532	4.5
33	MP1C	Mx	-.008	4.5
34	MP1A	X	35.25	.5
35	MP1A	Z	-61.054	.5
36	MP1A	Mx	-.018	.5
37	MP1A	X	35.25	2.5
38	MP1A	Z	-61.054	2.5
39	MP1A	Mx	-.018	2.5
40	MP1B	X	15.353	.5
41	MP1B	Z	-26.592	.5
42	MP1B	Mx	.015	.5
43	MP1B	X	15.353	2.5
44	MP1B	Z	-26.592	2.5
45	MP1B	Mx	.015	2.5
46	MP1C	X	35.25	.5
47	MP1C	Z	-61.054	.5
48	MP1C	Mx	-.018	.5
49	MP1C	X	35.25	2.5
50	MP1C	Z	-61.054	2.5
51	MP1C	Mx	-.018	2.5
52	MP2A	X	30.598	2.5
53	MP2A	Z	-52.998	2.5
54	MP2A	Mx	.015	2.5
55	MP2B	X	22.701	2.5
56	MP2B	Z	-39.32	2.5
57	MP2B	Mx	-.022	2.5
58	MP2C	X	30.598	2.5
59	MP2C	Z	-52.998	2.5
60	MP2C	Mx	.015	2.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
61	MP3A	X	29.576	2.5
62	MP3A	Z	-51.228	2.5
63	MP3A	Mx	.015	2.5
64	MP3B	X	18.738	2.5
65	MP3B	Z	-32.455	2.5
66	MP3B	Mx	-.018	2.5
67	MP3C	X	29.576	2.5
68	MP3C	Z	-51.228	2.5
69	MP3C	Mx	.015	2.5
70	M104	X	54.793	1.5
71	M104	Z	-94.904	1.5
72	M104	Mx	0	1.5
73	MP2A	X	50.889	.5
74	MP2A	Z	-88.143	.5
75	MP2A	Mx	-.077	.5
76	MP2A	X	50.889	5.5
77	MP2A	Z	-88.143	5.5
78	MP2A	Mx	-.077	5.5
79	MP2B	X	26.545	.5
80	MP2B	Z	-45.978	.5
81	MP2B	Mx	.032	.5
82	MP2B	X	26.545	5.5
83	MP2B	Z	-45.978	5.5
84	MP2B	Mx	.032	5.5
85	MP2C	X	50.889	.5
86	MP2C	Z	-88.143	.5
87	MP2C	Mx	.026	.5
88	MP2C	X	50.889	5.5
89	MP2C	Z	-88.143	5.5
90	MP2C	Mx	.026	5.5
91	MP2A	X	50.889	.5
92	MP2A	Z	-88.143	.5
93	MP2A	Mx	.026	.5
94	MP2A	X	50.889	5.5
95	MP2A	Z	-88.143	5.5
96	MP2A	Mx	.026	5.5
97	MP2B	X	26.545	.5
98	MP2B	Z	-45.978	.5
99	MP2B	Mx	.021	.5
100	MP2B	X	26.545	5.5
101	MP2B	Z	-45.978	5.5
102	MP2B	Mx	.021	5.5
103	MP2C	X	50.889	.5
104	MP2C	Z	-88.143	.5
105	MP2C	Mx	-.077	.5
106	MP2C	X	50.889	5.5
107	MP2C	Z	-88.143	5.5
108	MP2C	Mx	-.077	5.5
109	MP3A	X	79.731	.5
110	MP3A	Z	-138.098	.5
111	MP3A	Mx	-.04	.5
112	MP3A	X	79.731	5.5
113	MP3A	Z	-138.098	5.5
114	MP3A	Mx	-.04	5.5
115	MP3B	X	58.423	.5
116	MP3B	Z	-101.192	.5
117	MP3B	Mx	.058	.5
118	MP3B	X	58.423	5.5
119	MP3B	Z	-101.192	5.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
120	MP3B	Mx	.058	5.5
121	MP3C	X	79.731	.5
122	MP3C	Z	-138.098	.5
123	MP3C	Mx	-.04	.5
124	MP3C	X	79.731	5.5
125	MP3C	Z	-138.098	5.5
126	MP3C	Mx	-.04	5.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	X	17.923	4.5
2	MP2A	Z	-10.348	4.5
3	MP2A	Mx	.014	4.5
4	MP2A	X	17.923	5.5
5	MP2A	Z	-10.348	5.5
6	MP2A	Mx	.014	5.5
7	MP2A	X	17.923	4.5
8	MP2A	Z	-10.348	4.5
9	MP2A	Mx	.021	4.5
10	MP2A	X	17.923	5.5
11	MP2A	Z	-10.348	5.5
12	MP2A	Mx	.021	5.5
13	MP2B	X	17.923	4.5
14	MP2B	Z	-10.348	4.5
15	MP2B	Mx	.014	4.5
16	MP2B	X	17.923	5.5
17	MP2B	Z	-10.348	5.5
18	MP2B	Mx	.014	5.5
19	MP2B	X	17.923	4.5
20	MP2B	Z	-10.348	4.5
21	MP2B	Mx	.021	4.5
22	MP2B	X	17.923	5.5
23	MP2B	Z	-10.348	5.5
24	MP2B	Mx	.021	5.5
25	MP1A	X	13.185	4.5
26	MP1A	Z	-7.612	4.5
27	MP1A	Mx	-.007	4.5
28	MP1B	X	9.634	4.5
29	MP1B	Z	-5.562	4.5
30	MP1B	Mx	.005	4.5
31	MP1C	X	33.205	4.5
32	MP1C	Z	-19.171	4.5
33	MP1C	Mx	0	4.5
34	MP1A	X	37.117	.5
35	MP1A	Z	-21.429	.5
36	MP1A	Mx	-.019	.5
37	MP1A	X	37.117	2.5
38	MP1A	Z	-21.429	2.5
39	MP1A	Mx	-.019	2.5
40	MP1B	X	30.749	.5
41	MP1B	Z	-17.753	.5
42	MP1B	Mx	.017	.5
43	MP1B	X	30.749	2.5
44	MP1B	Z	-17.753	2.5
45	MP1B	Mx	.017	2.5
46	MP1C	X	73.023	.5
47	MP1C	Z	-42.16	.5
48	MP1C	Mx	0	.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
49	MP1C	X	73.023	2.5
50	MP1C	Z	-42.16	2.5
51	MP1C	Mx	0	2.5
52	MP2A	X	43.497	2.5
53	MP2A	Z	-25.113	2.5
54	MP2A	Mx	.022	2.5
55	MP2B	X	40.97	2.5
56	MP2B	Z	-23.654	2.5
57	MP2B	Mx	-.022	2.5
58	MP2C	X	57.748	2.5
59	MP2C	Z	-33.341	2.5
60	MP2C	Mx	0	2.5
61	MP3A	X	38.188	2.5
62	MP3A	Z	-22.048	2.5
63	MP3A	Mx	.019	2.5
64	MP3B	X	34.719	2.5
65	MP3B	Z	-20.045	2.5
66	MP3B	Mx	-.019	2.5
67	MP3C	X	57.748	2.5
68	MP3C	Z	-33.341	2.5
69	MP3C	Mx	0	2.5
70	M104	X	99.049	1.5
71	M104	Z	-57.186	1.5
72	M104	Mx	0	1.5
73	MP2A	X	58.855	.5
74	MP2A	Z	-33.98	.5
75	MP2A	Mx	-.049	.5
76	MP2A	X	58.855	5.5
77	MP2A	Z	-33.98	5.5
78	MP2A	Mx	-.049	5.5
79	MP2B	X	51.063	.5
80	MP2B	Z	-29.481	.5
81	MP2B	Mx	.016	.5
82	MP2B	X	51.063	5.5
83	MP2B	Z	-29.481	5.5
84	MP2B	Mx	.016	5.5
85	MP2C	X	102.787	.5
86	MP2C	Z	-59.344	.5
87	MP2C	Mx	.069	.5
88	MP2C	X	102.787	5.5
89	MP2C	Z	-59.344	5.5
90	MP2C	Mx	.069	5.5
91	MP2A	X	58.855	.5
92	MP2A	Z	-33.98	.5
93	MP2A	Mx	-.01	.5
94	MP2A	X	58.855	5.5
95	MP2A	Z	-33.98	5.5
96	MP2A	Mx	-.01	5.5
97	MP2B	X	51.063	.5
98	MP2B	Z	-29.481	.5
99	MP2B	Mx	.039	.5
100	MP2B	X	51.063	5.5
101	MP2B	Z	-29.481	5.5
102	MP2B	Mx	.039	5.5
103	MP2C	X	102.787	.5
104	MP2C	Z	-59.344	.5
105	MP2C	Mx	-.069	.5
106	MP2C	X	102.787	5.5
107	MP2C	Z	-59.344	5.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
108	MP2C	Mx	-.069	5.5
109	MP3A	X	112.464	.5
110	MP3A	Z	-64.931	.5
111	MP3A	Mx	-.056	.5
112	MP3A	X	112.464	5.5
113	MP3A	Z	-64.931	5.5
114	MP3A	Mx	-.056	5.5
115	MP3B	X	105.644	.5
116	MP3B	Z	-60.993	.5
117	MP3B	Mx	.057	.5
118	MP3B	X	105.644	5.5
119	MP3B	Z	-60.993	5.5
120	MP3B	Mx	.057	5.5
121	MP3C	X	150.915	.5
122	MP3C	Z	-87.131	.5
123	MP3C	Mx	0	.5
124	MP3C	X	150.915	5.5
125	MP3C	Z	-87.131	5.5
126	MP3C	Mx	0	5.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	X	20.711	4.5
2	MP2A	Z	0	4.5
3	MP2A	Mx	.021	4.5
4	MP2A	X	20.711	5.5
5	MP2A	Z	0	5.5
6	MP2A	Mx	.021	5.5
7	MP2A	X	20.711	4.5
8	MP2A	Z	0	4.5
9	MP2A	Mx	.021	4.5
10	MP2A	X	20.711	5.5
11	MP2A	Z	0	5.5
12	MP2A	Mx	.021	5.5
13	MP2B	X	20.711	4.5
14	MP2B	Z	0	4.5
15	MP2B	Mx	.021	4.5
16	MP2B	X	20.711	5.5
17	MP2B	Z	0	5.5
18	MP2B	Mx	.021	5.5
19	MP2B	X	20.711	4.5
20	MP2B	Z	0	4.5
21	MP2B	Mx	.021	4.5
22	MP2B	X	20.711	5.5
23	MP2B	Z	0	5.5
24	MP2B	Mx	.021	5.5
25	MP1A	X	7.519	4.5
26	MP1A	Z	0	4.5
27	MP1A	Mx	-.004	4.5
28	MP1B	X	25.607	4.5
29	MP1B	Z	0	4.5
30	MP1B	Mx	.008	4.5
31	MP1C	X	30.636	4.5
32	MP1C	Z	0	4.5
33	MP1C	Mx	.008	4.5
34	MP1A	X	29.039	.5
35	MP1A	Z	0	.5
36	MP1A	Mx	-.015	.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
37	MP1A	X	29.039	2.5
38	MP1A	Z	0	2.5
39	MP1A	Mx	-.015	2.5
40	MP1B	X	61.479	.5
41	MP1B	Z	0	.5
42	MP1B	Mx	.02	.5
43	MP1B	X	61.479	2.5
44	MP1B	Z	0	2.5
45	MP1B	Mx	.02	2.5
46	MP1C	X	70.499	.5
47	MP1C	Z	0	.5
48	MP1C	Mx	.018	.5
49	MP1C	X	70.499	2.5
50	MP1C	Z	0	2.5
51	MP1C	Mx	.018	2.5
52	MP2A	X	44.741	2.5
53	MP2A	Z	0	2.5
54	MP2A	Mx	.022	2.5
55	MP2B	X	57.616	2.5
56	MP2B	Z	0	2.5
57	MP2B	Mx	-.019	2.5
58	MP2C	X	61.196	2.5
59	MP2C	Z	0	2.5
60	MP2C	Mx	-.015	2.5
61	MP3A	X	36.567	2.5
62	MP3A	Z	0	2.5
63	MP3A	Mx	.018	2.5
64	MP3B	X	54.239	2.5
65	MP3B	Z	0	2.5
66	MP3B	Mx	-.017	2.5
67	MP3C	X	59.153	2.5
68	MP3C	Z	0	2.5
69	MP3C	Mx	-.015	2.5
70	M104	X	140.271	1.5
71	M104	Z	0	1.5
72	M104	Mx	0	1.5
73	MP2A	X	51.051	.5
74	MP2A	Z	0	.5
75	MP2A	Mx	-.026	.5
76	MP2A	X	51.051	5.5
77	MP2A	Z	0	5.5
78	MP2A	Mx	-.026	5.5
79	MP2B	X	90.742	.5
80	MP2B	Z	0	.5
81	MP2B	Mx	-.011	.5
82	MP2B	X	90.742	5.5
83	MP2B	Z	0	5.5
84	MP2B	Mx	-.011	5.5
85	MP2C	X	101.779	.5
86	MP2C	Z	0	.5
87	MP2C	Mx	.077	.5
88	MP2C	X	101.779	5.5
89	MP2C	Z	0	5.5
90	MP2C	Mx	.077	5.5
91	MP2A	X	51.051	.5
92	MP2A	Z	0	.5
93	MP2A	Mx	-.026	.5
94	MP2A	X	51.051	5.5
95	MP2A	Z	0	5.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
96	MP2A	Mx	-.026	5.5
97	MP2B	X	90.742	.5
98	MP2B	Z	0	.5
99	MP2B	Mx	.07	.5
100	MP2B	X	90.742	5.5
101	MP2B	Z	0	5.5
102	MP2B	Mx	.07	5.5
103	MP2C	X	101.779	.5
104	MP2C	Z	0	.5
105	MP2C	Mx	-.026	.5
106	MP2C	X	101.779	5.5
107	MP2C	Z	0	5.5
108	MP2C	Mx	-.026	5.5
109	MP3A	X	115.062	.5
110	MP3A	Z	0	.5
111	MP3A	Mx	-.058	.5
112	MP3A	X	115.062	5.5
113	MP3A	Z	0	5.5
114	MP3A	Mx	-.058	5.5
115	MP3B	X	149.802	.5
116	MP3B	Z	0	.5
117	MP3B	Mx	.048	.5
118	MP3B	X	149.802	5.5
119	MP3B	Z	0	5.5
120	MP3B	Mx	.048	5.5
121	MP3C	X	159.462	.5
122	MP3C	Z	0	.5
123	MP3C	Mx	.04	.5
124	MP3C	X	159.462	5.5
125	MP3C	Z	0	5.5
126	MP3C	Mx	.04	5.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	X	17.923	4.5
2	MP2A	Z	10.348	4.5
3	MP2A	Mx	.021	4.5
4	MP2A	X	17.923	5.5
5	MP2A	Z	10.348	5.5
6	MP2A	Mx	.021	5.5
7	MP2A	X	17.923	4.5
8	MP2A	Z	10.348	4.5
9	MP2A	Mx	.014	4.5
10	MP2A	X	17.923	5.5
11	MP2A	Z	10.348	5.5
12	MP2A	Mx	.014	5.5
13	MP2B	X	17.923	4.5
14	MP2B	Z	10.348	4.5
15	MP2B	Mx	.021	4.5
16	MP2B	X	17.923	5.5
17	MP2B	Z	10.348	5.5
18	MP2B	Mx	.021	5.5
19	MP2B	X	17.923	4.5
20	MP2B	Z	10.348	4.5
21	MP2B	Mx	.014	4.5
22	MP2B	X	17.923	5.5
23	MP2B	Z	10.348	5.5
24	MP2B	Mx	.014	5.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
25	MP1A	X	13.185	4.5
26	MP1A	Z	7.612	4.5
27	MP1A	Mx	-.007	4.5
28	MP1B	X	32.4	4.5
29	MP1B	Z	18.706	4.5
30	MP1B	Mx	.003	4.5
31	MP1C	X	13.185	4.5
32	MP1C	Z	7.612	4.5
33	MP1C	Mx	.007	4.5
34	MP1A	X	37.117	.5
35	MP1A	Z	21.429	.5
36	MP1A	Mx	-.019	.5
37	MP1A	X	37.117	2.5
38	MP1A	Z	21.429	2.5
39	MP1A	Mx	-.019	2.5
40	MP1B	X	71.579	.5
41	MP1B	Z	41.326	.5
42	MP1B	Mx	.007	.5
43	MP1B	X	71.579	2.5
44	MP1B	Z	41.326	2.5
45	MP1B	Mx	.007	2.5
46	MP1C	X	37.117	.5
47	MP1C	Z	21.429	.5
48	MP1C	Mx	.019	.5
49	MP1C	X	37.117	2.5
50	MP1C	Z	21.429	2.5
51	MP1C	Mx	.019	2.5
52	MP2A	X	43.497	2.5
53	MP2A	Z	25.113	2.5
54	MP2A	Mx	.022	2.5
55	MP2B	X	57.175	2.5
56	MP2B	Z	33.01	2.5
57	MP2B	Mx	-.006	2.5
58	MP2C	X	43.497	2.5
59	MP2C	Z	25.113	2.5
60	MP2C	Mx	-.022	2.5
61	MP3A	X	38.188	2.5
62	MP3A	Z	22.048	2.5
63	MP3A	Mx	.019	2.5
64	MP3B	X	56.961	2.5
65	MP3B	Z	32.887	2.5
66	MP3B	Mx	-.006	2.5
67	MP3C	X	38.188	2.5
68	MP3C	Z	22.048	2.5
69	MP3C	Mx	-.019	2.5
70	M104	X	139.763	1.5
71	M104	Z	80.692	1.5
72	M104	Mx	0	1.5
73	MP2A	X	58.855	.5
74	MP2A	Z	33.98	.5
75	MP2A	Mx	-.01	.5
76	MP2A	X	58.855	5.5
77	MP2A	Z	33.98	5.5
78	MP2A	Mx	-.01	5.5
79	MP2B	X	101.02	.5
80	MP2B	Z	58.324	.5
81	MP2B	Mx	-.057	.5
82	MP2B	X	101.02	5.5
83	MP2B	Z	58.324	5.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
84	MP2B	Mx	-.057	5.5
85	MP2C	X	58.855	.5
86	MP2C	Z	33.98	.5
87	MP2C	Mx	.049	.5
88	MP2C	X	58.855	5.5
89	MP2C	Z	33.98	5.5
90	MP2C	Mx	.049	5.5
91	MP2A	X	58.855	.5
92	MP2A	Z	33.98	.5
93	MP2A	Mx	-.049	.5
94	MP2A	X	58.855	5.5
95	MP2A	Z	33.98	5.5
96	MP2A	Mx	-.049	5.5
97	MP2B	X	101.02	.5
98	MP2B	Z	58.324	.5
99	MP2B	Mx	.077	.5
100	MP2B	X	101.02	5.5
101	MP2B	Z	58.324	5.5
102	MP2B	Mx	.077	5.5
103	MP2C	X	58.855	.5
104	MP2C	Z	33.98	.5
105	MP2C	Mx	.01	.5
106	MP2C	X	58.855	5.5
107	MP2C	Z	33.98	5.5
108	MP2C	Mx	.01	5.5
109	MP3A	X	112.464	.5
110	MP3A	Z	64.931	.5
111	MP3A	Mx	-.056	.5
112	MP3A	X	112.464	5.5
113	MP3A	Z	64.931	5.5
114	MP3A	Mx	-.056	5.5
115	MP3B	X	149.37	.5
116	MP3B	Z	86.239	.5
117	MP3B	Mx	.015	.5
118	MP3B	X	149.37	5.5
119	MP3B	Z	86.239	5.5
120	MP3B	Mx	.015	5.5
121	MP3C	X	112.464	.5
122	MP3C	Z	64.931	.5
123	MP3C	Mx	.056	.5
124	MP3C	X	112.464	5.5
125	MP3C	Z	64.931	5.5
126	MP3C	Mx	.056	5.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	X	10.332	4.5
2	MP2A	Z	17.896	4.5
3	MP2A	Mx	.016	4.5
4	MP2A	X	10.332	5.5
5	MP2A	Z	17.896	5.5
6	MP2A	Mx	.016	5.5
7	MP2A	X	10.332	4.5
8	MP2A	Z	17.896	4.5
9	MP2A	Mx	.004	4.5
10	MP2A	X	10.332	5.5
11	MP2A	Z	17.896	5.5
12	MP2A	Mx	.004	5.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
13	MP2B	X	10.332	4.5
14	MP2B	Z	17.896	4.5
15	MP2B	Mx	.016	4.5
16	MP2B	X	10.332	5.5
17	MP2B	Z	17.896	5.5
18	MP2B	Mx	.016	5.5
19	MP2B	X	10.332	4.5
20	MP2B	Z	17.896	4.5
21	MP2B	Mx	.004	4.5
22	MP2B	X	10.332	5.5
23	MP2B	Z	17.896	5.5
24	MP2B	Mx	.004	5.5
25	MP1A	X	15.318	4.5
26	MP1A	Z	26.532	4.5
27	MP1A	Mx	-.008	4.5
28	MP1B	X	17.368	4.5
29	MP1B	Z	30.083	4.5
30	MP1B	Mx	-.006	4.5
31	MP1C	X	3.76	4.5
32	MP1C	Z	6.512	4.5
33	MP1C	Mx	.004	4.5
34	MP1A	X	35.25	.5
35	MP1A	Z	61.054	.5
36	MP1A	Mx	-.018	.5
37	MP1A	X	35.25	2.5
38	MP1A	Z	61.054	2.5
39	MP1A	Mx	-.018	2.5
40	MP1B	X	38.927	.5
41	MP1B	Z	67.423	.5
42	MP1B	Mx	-.013	.5
43	MP1B	X	38.927	2.5
44	MP1B	Z	67.423	2.5
45	MP1B	Mx	-.013	2.5
46	MP1C	X	14.519	.5
47	MP1C	Z	25.148	.5
48	MP1C	Mx	.015	.5
49	MP1C	X	14.519	2.5
50	MP1C	Z	25.148	2.5
51	MP1C	Mx	.015	2.5
52	MP2A	X	30.598	2.5
53	MP2A	Z	52.998	2.5
54	MP2A	Mx	.015	2.5
55	MP2B	X	32.057	2.5
56	MP2B	Z	55.525	2.5
57	MP2B	Mx	.011	2.5
58	MP2C	X	22.371	2.5
59	MP2C	Z	38.747	2.5
60	MP2C	Mx	-.022	2.5
61	MP3A	X	29.576	2.5
62	MP3A	Z	51.228	2.5
63	MP3A	Mx	.015	2.5
64	MP3B	X	31.579	2.5
65	MP3B	Z	54.697	2.5
66	MP3B	Mx	.011	2.5
67	MP3C	X	18.284	2.5
68	MP3C	Z	31.668	2.5
69	MP3C	Mx	-.018	2.5
70	M104	X	78.299	1.5
71	M104	Z	135.618	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
72	M104	Mx	0	1.5
73	MP2A	X	50.889	.5
74	MP2A	Z	88.143	.5
75	MP2A	Mx	.026	.5
76	MP2A	X	50.889	5.5
77	MP2A	Z	88.143	5.5
78	MP2A	Mx	.026	5.5
79	MP2B	X	55.388	.5
80	MP2B	Z	95.935	.5
81	MP2B	Mx	-.08	.5
82	MP2B	X	55.388	5.5
83	MP2B	Z	95.935	5.5
84	MP2B	Mx	-.08	5.5
85	MP2C	X	25.525	.5
86	MP2C	Z	44.211	.5
87	MP2C	Mx	.026	.5
88	MP2C	X	25.525	5.5
89	MP2C	Z	44.211	5.5
90	MP2C	Mx	.026	5.5
91	MP2A	X	50.889	.5
92	MP2A	Z	88.143	.5
93	MP2A	Mx	-.077	.5
94	MP2A	X	50.889	5.5
95	MP2A	Z	88.143	5.5
96	MP2A	Mx	-.077	5.5
97	MP2B	X	55.388	.5
98	MP2B	Z	95.935	.5
99	MP2B	Mx	.042	.5
100	MP2B	X	55.388	5.5
101	MP2B	Z	95.935	5.5
102	MP2B	Mx	.042	5.5
103	MP2C	X	25.525	.5
104	MP2C	Z	44.211	.5
105	MP2C	Mx	.026	.5
106	MP2C	X	25.525	5.5
107	MP2C	Z	44.211	5.5
108	MP2C	Mx	.026	5.5
109	MP3A	X	79.731	.5
110	MP3A	Z	138.098	.5
111	MP3A	Mx	-.04	.5
112	MP3A	X	79.731	5.5
113	MP3A	Z	138.098	5.5
114	MP3A	Mx	-.04	5.5
115	MP3B	X	83.669	.5
116	MP3B	Z	144.918	.5
117	MP3B	Mx	-.029	.5
118	MP3B	X	83.669	5.5
119	MP3B	Z	144.918	5.5
120	MP3B	Mx	-.029	5.5
121	MP3C	X	57.531	.5
122	MP3C	Z	99.646	.5
123	MP3C	Mx	.058	.5
124	MP3C	X	57.531	5.5
125	MP3C	Z	99.646	5.5
126	MP3C	Mx	.058	5.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
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Member Point Loads (BLC 9 : Antenna Wo (180 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	X	0	4.5
2	MP2A	Z	20.65	4.5
3	MP2A	Mx	.007	4.5
4	MP2A	X	0	5.5
5	MP2A	Z	20.65	5.5
6	MP2A	Mx	.007	5.5
7	MP2A	X	0	4.5
8	MP2A	Z	20.65	4.5
9	MP2A	Mx	-.007	4.5
10	MP2A	X	0	5.5
11	MP2A	Z	20.65	5.5
12	MP2A	Mx	-.007	5.5
13	MP2B	X	0	4.5
14	MP2B	Z	20.65	4.5
15	MP2B	Mx	.007	4.5
16	MP2B	X	0	5.5
17	MP2B	Z	20.65	5.5
18	MP2B	Mx	.007	5.5
19	MP2B	X	0	4.5
20	MP2B	Z	20.65	4.5
21	MP2B	Mx	-.007	4.5
22	MP2B	X	0	5.5
23	MP2B	Z	20.65	5.5
24	MP2B	Mx	-.007	5.5
25	MP1A	X	0	4.5
26	MP1A	Z	38.342	4.5
27	MP1A	Mx	0	4.5
28	MP1B	X	0	4.5
29	MP1B	Z	20.254	4.5
30	MP1B	Mx	-.008	4.5
31	MP1C	X	0	4.5
32	MP1C	Z	15.225	4.5
33	MP1C	Mx	.007	4.5
34	MP1A	X	0	.5
35	MP1A	Z	84.32	.5
36	MP1A	Mx	0	.5
37	MP1A	X	0	2.5
38	MP1A	Z	84.32	2.5
39	MP1A	Mx	0	2.5
40	MP1B	X	0	.5
41	MP1B	Z	51.879	.5
42	MP1B	Mx	-.02	.5
43	MP1B	X	0	2.5
44	MP1B	Z	51.879	2.5
45	MP1B	Mx	-.02	2.5
46	MP1C	X	0	.5
47	MP1C	Z	42.859	.5
48	MP1C	Mx	.019	.5
49	MP1C	X	0	2.5
50	MP1C	Z	42.859	2.5
51	MP1C	Mx	.019	2.5
52	MP2A	X	0	2.5
53	MP2A	Z	66.681	2.5
54	MP2A	Mx	0	2.5
55	MP2B	X	0	2.5
56	MP2B	Z	53.806	2.5
57	MP2B	Mx	.021	2.5
58	MP2C	X	0	2.5
59	MP2C	Z	50.226	2.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
60	MP2C	Mx	-.022	2.5
61	MP3A	X	0	2.5
62	MP3A	Z	66.681	2.5
63	MP3A	Mx	0	2.5
64	MP3B	X	0	2.5
65	MP3B	Z	49.01	2.5
66	MP3B	Mx	.019	2.5
67	MP3C	X	0	2.5
68	MP3C	Z	44.096	2.5
69	MP3C	Mx	-.019	2.5
70	M104	X	0	1.5
71	M104	Z	130.699	1.5
72	M104	Mx	0	1.5
73	MP2A	X	0	.5
74	MP2A	Z	118.688	.5
75	MP2A	Mx	.069	.5
76	MP2A	X	0	5.5
77	MP2A	Z	118.688	5.5
78	MP2A	Mx	.069	5.5
79	MP2B	X	0	.5
80	MP2B	Z	78.997	.5
81	MP2B	Mx	-.06	.5
82	MP2B	X	0	5.5
83	MP2B	Z	78.997	5.5
84	MP2B	Mx	-.06	5.5
85	MP2C	X	0	.5
86	MP2C	Z	67.96	.5
87	MP2C	Mx	.01	.5
88	MP2C	X	0	5.5
89	MP2C	Z	67.96	5.5
90	MP2C	Mx	.01	5.5
91	MP2A	X	0	.5
92	MP2A	Z	118.688	.5
93	MP2A	Mx	-.069	.5
94	MP2A	X	0	5.5
95	MP2A	Z	118.688	5.5
96	MP2A	Mx	-.069	5.5
97	MP2B	X	0	.5
98	MP2B	Z	78.997	.5
99	MP2B	Mx	-.000637	.5
100	MP2B	X	0	5.5
101	MP2B	Z	78.997	5.5
102	MP2B	Mx	-.000637	5.5
103	MP2C	X	0	.5
104	MP2C	Z	67.96	.5
105	MP2C	Mx	.049	.5
106	MP2C	X	0	5.5
107	MP2C	Z	67.96	5.5
108	MP2C	Mx	.049	5.5
109	MP3A	X	0	.5
110	MP3A	Z	174.262	.5
111	MP3A	Mx	0	.5
112	MP3A	X	0	5.5
113	MP3A	Z	174.262	5.5
114	MP3A	Mx	0	5.5
115	MP3B	X	0	.5
116	MP3B	Z	139.522	.5
117	MP3B	Mx	-.053	.5
118	MP3B	X	0	5.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
119	MP3B	Z	139.522	5.5
120	MP3B	Mx	-.053	5.5
121	MP3C	X	0	.5
122	MP3C	Z	129.862	.5
123	MP3C	Mx	.056	.5
124	MP3C	X	0	5.5
125	MP3C	Z	129.862	5.5
126	MP3C	Mx	.056	5.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	X	-10.332	4.5
2	MP2A	Z	17.896	4.5
3	MP2A	Mx	-.004	4.5
4	MP2A	X	-10.332	5.5
5	MP2A	Z	17.896	5.5
6	MP2A	Mx	-.004	5.5
7	MP2A	X	-10.332	4.5
8	MP2A	Z	17.896	4.5
9	MP2A	Mx	-.016	4.5
10	MP2A	X	-10.332	5.5
11	MP2A	Z	17.896	5.5
12	MP2A	Mx	-.016	5.5
13	MP2B	X	-10.332	4.5
14	MP2B	Z	17.896	4.5
15	MP2B	Mx	-.004	4.5
16	MP2B	X	-10.332	5.5
17	MP2B	Z	17.896	5.5
18	MP2B	Mx	-.004	5.5
19	MP2B	X	-10.332	4.5
20	MP2B	Z	17.896	4.5
21	MP2B	Mx	-.016	4.5
22	MP2B	X	-10.332	5.5
23	MP2B	Z	17.896	5.5
24	MP2B	Mx	-.016	5.5
25	MP1A	X	-15.318	4.5
26	MP1A	Z	26.532	4.5
27	MP1A	Mx	.008	4.5
28	MP1B	X	-4.224	4.5
29	MP1B	Z	7.317	4.5
30	MP1B	Mx	-.004	4.5
31	MP1C	X	-15.318	4.5
32	MP1C	Z	26.532	4.5
33	MP1C	Mx	.008	4.5
34	MP1A	X	-35.25	.5
35	MP1A	Z	61.054	.5
36	MP1A	Mx	.018	.5
37	MP1A	X	-35.25	2.5
38	MP1A	Z	61.054	2.5
39	MP1A	Mx	.018	2.5
40	MP1B	X	-15.353	.5
41	MP1B	Z	26.592	.5
42	MP1B	Mx	-.015	.5
43	MP1B	X	-15.353	2.5
44	MP1B	Z	26.592	2.5
45	MP1B	Mx	-.015	2.5
46	MP1C	X	-35.25	.5
47	MP1C	Z	61.054	.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
48	MP1C	Mx	.018	.5
49	MP1C	X	-35.25	2.5
50	MP1C	Z	61.054	2.5
51	MP1C	Mx	.018	2.5
52	MP2A	X	-30.598	2.5
53	MP2A	Z	52.998	2.5
54	MP2A	Mx	-.015	2.5
55	MP2B	X	-22.701	2.5
56	MP2B	Z	39.32	2.5
57	MP2B	Mx	.022	2.5
58	MP2C	X	-30.598	2.5
59	MP2C	Z	52.998	2.5
60	MP2C	Mx	-.015	2.5
61	MP3A	X	-29.576	2.5
62	MP3A	Z	51.228	2.5
63	MP3A	Mx	-.015	2.5
64	MP3B	X	-18.738	2.5
65	MP3B	Z	32.455	2.5
66	MP3B	Mx	.018	2.5
67	MP3C	X	-29.576	2.5
68	MP3C	Z	51.228	2.5
69	MP3C	Mx	-.015	2.5
70	M104	X	-54.793	1.5
71	M104	Z	94.904	1.5
72	M104	Mx	0	1.5
73	MP2A	X	-50.889	.5
74	MP2A	Z	88.143	.5
75	MP2A	Mx	.077	.5
76	MP2A	X	-50.889	5.5
77	MP2A	Z	88.143	5.5
78	MP2A	Mx	.077	5.5
79	MP2B	X	-26.545	.5
80	MP2B	Z	45.978	.5
81	MP2B	Mx	-.032	.5
82	MP2B	X	-26.545	5.5
83	MP2B	Z	45.978	5.5
84	MP2B	Mx	-.032	5.5
85	MP2C	X	-50.889	.5
86	MP2C	Z	88.143	.5
87	MP2C	Mx	-.026	.5
88	MP2C	X	-50.889	5.5
89	MP2C	Z	88.143	5.5
90	MP2C	Mx	-.026	5.5
91	MP2A	X	-50.889	.5
92	MP2A	Z	88.143	.5
93	MP2A	Mx	-.026	.5
94	MP2A	X	-50.889	5.5
95	MP2A	Z	88.143	5.5
96	MP2A	Mx	-.026	5.5
97	MP2B	X	-26.545	.5
98	MP2B	Z	45.978	.5
99	MP2B	Mx	-.021	.5
100	MP2B	X	-26.545	5.5
101	MP2B	Z	45.978	5.5
102	MP2B	Mx	-.021	5.5
103	MP2C	X	-50.889	.5
104	MP2C	Z	88.143	.5
105	MP2C	Mx	.077	.5
106	MP2C	X	-50.889	5.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
107	MP2C	Z	88.143	5.5
108	MP2C	Mx	.077	5.5
109	MP3A	X	-79.731	.5
110	MP3A	Z	138.098	.5
111	MP3A	Mx	.04	.5
112	MP3A	X	-79.731	5.5
113	MP3A	Z	138.098	5.5
114	MP3A	Mx	.04	5.5
115	MP3B	X	-58.423	.5
116	MP3B	Z	101.192	.5
117	MP3B	Mx	-.058	.5
118	MP3B	X	-58.423	5.5
119	MP3B	Z	101.192	5.5
120	MP3B	Mx	-.058	5.5
121	MP3C	X	-79.731	.5
122	MP3C	Z	138.098	.5
123	MP3C	Mx	.04	.5
124	MP3C	X	-79.731	5.5
125	MP3C	Z	138.098	5.5
126	MP3C	Mx	.04	5.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	X	-17.923	4.5
2	MP2A	Z	10.348	4.5
3	MP2A	Mx	-.014	4.5
4	MP2A	X	-17.923	5.5
5	MP2A	Z	10.348	5.5
6	MP2A	Mx	-.014	5.5
7	MP2A	X	-17.923	4.5
8	MP2A	Z	10.348	4.5
9	MP2A	Mx	-.021	4.5
10	MP2A	X	-17.923	5.5
11	MP2A	Z	10.348	5.5
12	MP2A	Mx	-.021	5.5
13	MP2B	X	-17.923	4.5
14	MP2B	Z	10.348	4.5
15	MP2B	Mx	-.014	4.5
16	MP2B	X	-17.923	5.5
17	MP2B	Z	10.348	5.5
18	MP2B	Mx	-.014	5.5
19	MP2B	X	-17.923	4.5
20	MP2B	Z	10.348	4.5
21	MP2B	Mx	-.021	4.5
22	MP2B	X	-17.923	5.5
23	MP2B	Z	10.348	5.5
24	MP2B	Mx	-.021	5.5
25	MP1A	X	-13.185	4.5
26	MP1A	Z	7.612	4.5
27	MP1A	Mx	.007	4.5
28	MP1B	X	-9.634	4.5
29	MP1B	Z	5.562	4.5
30	MP1B	Mx	-.005	4.5
31	MP1C	X	-33.205	4.5
32	MP1C	Z	19.171	4.5
33	MP1C	Mx	0	4.5
34	MP1A	X	-37.117	.5
35	MP1A	Z	21.429	.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
36	MP1A	Mx	.019	.5
37	MP1A	X	-37.117	2.5
38	MP1A	Z	21.429	2.5
39	MP1A	Mx	.019	2.5
40	MP1B	X	-30.749	.5
41	MP1B	Z	17.753	.5
42	MP1B	Mx	-.017	.5
43	MP1B	X	-30.749	2.5
44	MP1B	Z	17.753	2.5
45	MP1B	Mx	-.017	2.5
46	MP1C	X	-73.023	.5
47	MP1C	Z	42.16	.5
48	MP1C	Mx	0	.5
49	MP1C	X	-73.023	2.5
50	MP1C	Z	42.16	2.5
51	MP1C	Mx	0	2.5
52	MP2A	X	-43.497	2.5
53	MP2A	Z	25.113	2.5
54	MP2A	Mx	-.022	2.5
55	MP2B	X	-40.97	2.5
56	MP2B	Z	23.654	2.5
57	MP2B	Mx	.022	2.5
58	MP2C	X	-57.748	2.5
59	MP2C	Z	33.341	2.5
60	MP2C	Mx	0	2.5
61	MP3A	X	-38.188	2.5
62	MP3A	Z	22.048	2.5
63	MP3A	Mx	-.019	2.5
64	MP3B	X	-34.719	2.5
65	MP3B	Z	20.045	2.5
66	MP3B	Mx	.019	2.5
67	MP3C	X	-57.748	2.5
68	MP3C	Z	33.341	2.5
69	MP3C	Mx	0	2.5
70	M104	X	-99.049	1.5
71	M104	Z	57.186	1.5
72	M104	Mx	0	1.5
73	MP2A	X	-58.855	.5
74	MP2A	Z	33.98	.5
75	MP2A	Mx	.049	.5
76	MP2A	X	-58.855	5.5
77	MP2A	Z	33.98	5.5
78	MP2A	Mx	.049	5.5
79	MP2B	X	-51.063	.5
80	MP2B	Z	29.481	.5
81	MP2B	Mx	-.016	.5
82	MP2B	X	-51.063	5.5
83	MP2B	Z	29.481	5.5
84	MP2B	Mx	-.016	5.5
85	MP2C	X	-102.787	.5
86	MP2C	Z	59.344	.5
87	MP2C	Mx	-.069	.5
88	MP2C	X	-102.787	5.5
89	MP2C	Z	59.344	5.5
90	MP2C	Mx	-.069	5.5
91	MP2A	X	-58.855	.5
92	MP2A	Z	33.98	.5
93	MP2A	Mx	.01	.5
94	MP2A	X	-58.855	5.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
95	MP2A	Z	33.98	5.5
96	MP2A	Mx	.01	5.5
97	MP2B	X	-51.063	.5
98	MP2B	Z	29.481	.5
99	MP2B	Mx	-.039	.5
100	MP2B	X	-51.063	5.5
101	MP2B	Z	29.481	5.5
102	MP2B	Mx	-.039	5.5
103	MP2C	X	-102.787	.5
104	MP2C	Z	59.344	.5
105	MP2C	Mx	.069	.5
106	MP2C	X	-102.787	5.5
107	MP2C	Z	59.344	5.5
108	MP2C	Mx	.069	5.5
109	MP3A	X	-112.464	.5
110	MP3A	Z	64.931	.5
111	MP3A	Mx	.056	.5
112	MP3A	X	-112.464	5.5
113	MP3A	Z	64.931	5.5
114	MP3A	Mx	.056	5.5
115	MP3B	X	-105.644	.5
116	MP3B	Z	60.993	.5
117	MP3B	Mx	-.057	.5
118	MP3B	X	-105.644	5.5
119	MP3B	Z	60.993	5.5
120	MP3B	Mx	-.057	5.5
121	MP3C	X	-150.915	.5
122	MP3C	Z	87.131	.5
123	MP3C	Mx	0	.5
124	MP3C	X	-150.915	5.5
125	MP3C	Z	87.131	5.5
126	MP3C	Mx	0	5.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	X	-20.711	4.5
2	MP2A	Z	0	4.5
3	MP2A	Mx	-.021	4.5
4	MP2A	X	-20.711	5.5
5	MP2A	Z	0	5.5
6	MP2A	Mx	-.021	5.5
7	MP2A	X	-20.711	4.5
8	MP2A	Z	0	4.5
9	MP2A	Mx	-.021	4.5
10	MP2A	X	-20.711	5.5
11	MP2A	Z	0	5.5
12	MP2A	Mx	-.021	5.5
13	MP2B	X	-20.711	4.5
14	MP2B	Z	0	4.5
15	MP2B	Mx	-.021	4.5
16	MP2B	X	-20.711	5.5
17	MP2B	Z	0	5.5
18	MP2B	Mx	-.021	5.5
19	MP2B	X	-20.711	4.5
20	MP2B	Z	0	4.5
21	MP2B	Mx	-.021	4.5
22	MP2B	X	-20.711	5.5
23	MP2B	Z	0	5.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
24	MP2B	Mx	-.021	5.5
25	MP1A	X	-7.519	4.5
26	MP1A	Z	0	4.5
27	MP1A	Mx	.004	4.5
28	MP1B	X	-25.607	4.5
29	MP1B	Z	0	4.5
30	MP1B	Mx	-.008	4.5
31	MP1C	X	-30.636	4.5
32	MP1C	Z	0	4.5
33	MP1C	Mx	-.008	4.5
34	MP1A	X	-29.039	.5
35	MP1A	Z	0	.5
36	MP1A	Mx	.015	.5
37	MP1A	X	-29.039	2.5
38	MP1A	Z	0	2.5
39	MP1A	Mx	.015	2.5
40	MP1B	X	-61.479	.5
41	MP1B	Z	0	.5
42	MP1B	Mx	-.02	.5
43	MP1B	X	-61.479	2.5
44	MP1B	Z	0	2.5
45	MP1B	Mx	-.02	2.5
46	MP1C	X	-70.499	.5
47	MP1C	Z	0	.5
48	MP1C	Mx	-.018	.5
49	MP1C	X	-70.499	2.5
50	MP1C	Z	0	2.5
51	MP1C	Mx	-.018	2.5
52	MP2A	X	-44.741	2.5
53	MP2A	Z	0	2.5
54	MP2A	Mx	-.022	2.5
55	MP2B	X	-57.616	2.5
56	MP2B	Z	0	2.5
57	MP2B	Mx	.019	2.5
58	MP2C	X	-61.196	2.5
59	MP2C	Z	0	2.5
60	MP2C	Mx	.015	2.5
61	MP3A	X	-36.567	2.5
62	MP3A	Z	0	2.5
63	MP3A	Mx	-.018	2.5
64	MP3B	X	-54.239	2.5
65	MP3B	Z	0	2.5
66	MP3B	Mx	.017	2.5
67	MP3C	X	-59.153	2.5
68	MP3C	Z	0	2.5
69	MP3C	Mx	.015	2.5
70	M104	X	-140.271	1.5
71	M104	Z	0	1.5
72	M104	Mx	0	1.5
73	MP2A	X	-51.051	.5
74	MP2A	Z	0	.5
75	MP2A	Mx	.026	.5
76	MP2A	X	-51.051	5.5
77	MP2A	Z	0	5.5
78	MP2A	Mx	.026	5.5
79	MP2B	X	-90.742	.5
80	MP2B	Z	0	.5
81	MP2B	Mx	.011	.5
82	MP2B	X	-90.742	5.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
83	MP2B	Z	0	5.5
84	MP2B	Mx	.011	5.5
85	MP2C	X	-101.779	.5
86	MP2C	Z	0	.5
87	MP2C	Mx	-.077	.5
88	MP2C	X	-101.779	5.5
89	MP2C	Z	0	5.5
90	MP2C	Mx	-.077	5.5
91	MP2A	X	-51.051	.5
92	MP2A	Z	0	.5
93	MP2A	Mx	.026	.5
94	MP2A	X	-51.051	5.5
95	MP2A	Z	0	5.5
96	MP2A	Mx	.026	5.5
97	MP2B	X	-90.742	.5
98	MP2B	Z	0	.5
99	MP2B	Mx	-.07	.5
100	MP2B	X	-90.742	5.5
101	MP2B	Z	0	5.5
102	MP2B	Mx	-.07	5.5
103	MP2C	X	-101.779	.5
104	MP2C	Z	0	.5
105	MP2C	Mx	.026	.5
106	MP2C	X	-101.779	5.5
107	MP2C	Z	0	5.5
108	MP2C	Mx	.026	5.5
109	MP3A	X	-115.062	.5
110	MP3A	Z	0	.5
111	MP3A	Mx	.058	.5
112	MP3A	X	-115.062	5.5
113	MP3A	Z	0	5.5
114	MP3A	Mx	.058	5.5
115	MP3B	X	-149.802	.5
116	MP3B	Z	0	.5
117	MP3B	Mx	-.048	.5
118	MP3B	X	-149.802	5.5
119	MP3B	Z	0	5.5
120	MP3B	Mx	-.048	5.5
121	MP3C	X	-159.462	.5
122	MP3C	Z	0	.5
123	MP3C	Mx	-.04	.5
124	MP3C	X	-159.462	5.5
125	MP3C	Z	0	5.5
126	MP3C	Mx	-.04	5.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	X	-17.923	4.5
2	MP2A	Z	-10.348	4.5
3	MP2A	Mx	-.021	4.5
4	MP2A	X	-17.923	5.5
5	MP2A	Z	-10.348	5.5
6	MP2A	Mx	-.021	5.5
7	MP2A	X	-17.923	4.5
8	MP2A	Z	-10.348	4.5
9	MP2A	Mx	-.014	4.5
10	MP2A	X	-17.923	5.5
11	MP2A	Z	-10.348	5.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
12	MP2A	Mx	-.014	5.5
13	MP2B	X	-17.923	4.5
14	MP2B	Z	-10.348	4.5
15	MP2B	Mx	-.021	4.5
16	MP2B	X	-17.923	5.5
17	MP2B	Z	-10.348	5.5
18	MP2B	Mx	-.021	5.5
19	MP2B	X	-17.923	4.5
20	MP2B	Z	-10.348	4.5
21	MP2B	Mx	-.014	4.5
22	MP2B	X	-17.923	5.5
23	MP2B	Z	-10.348	5.5
24	MP2B	Mx	-.014	5.5
25	MP1A	X	-13.185	4.5
26	MP1A	Z	-7.612	4.5
27	MP1A	Mx	.007	4.5
28	MP1B	X	-32.4	4.5
29	MP1B	Z	-18.706	4.5
30	MP1B	Mx	-.003	4.5
31	MP1C	X	-13.185	4.5
32	MP1C	Z	-7.612	4.5
33	MP1C	Mx	-.007	4.5
34	MP1A	X	-37.117	.5
35	MP1A	Z	-21.429	.5
36	MP1A	Mx	.019	.5
37	MP1A	X	-37.117	2.5
38	MP1A	Z	-21.429	2.5
39	MP1A	Mx	.019	2.5
40	MP1B	X	-71.579	.5
41	MP1B	Z	-41.326	.5
42	MP1B	Mx	-.007	.5
43	MP1B	X	-71.579	2.5
44	MP1B	Z	-41.326	2.5
45	MP1B	Mx	-.007	2.5
46	MP1C	X	-37.117	.5
47	MP1C	Z	-21.429	.5
48	MP1C	Mx	-.019	.5
49	MP1C	X	-37.117	2.5
50	MP1C	Z	-21.429	2.5
51	MP1C	Mx	-.019	2.5
52	MP2A	X	-43.497	2.5
53	MP2A	Z	-25.113	2.5
54	MP2A	Mx	-.022	2.5
55	MP2B	X	-57.175	2.5
56	MP2B	Z	-33.01	2.5
57	MP2B	Mx	.006	2.5
58	MP2C	X	-43.497	2.5
59	MP2C	Z	-25.113	2.5
60	MP2C	Mx	.022	2.5
61	MP3A	X	-38.188	2.5
62	MP3A	Z	-22.048	2.5
63	MP3A	Mx	-.019	2.5
64	MP3B	X	-56.961	2.5
65	MP3B	Z	-32.887	2.5
66	MP3B	Mx	.006	2.5
67	MP3C	X	-38.188	2.5
68	MP3C	Z	-22.048	2.5
69	MP3C	Mx	.019	2.5
70	M104	X	-139.763	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
71	M104	Z	-80.692	1.5
72	M104	Mx	0	1.5
73	MP2A	X	-58.855	.5
74	MP2A	Z	-33.98	.5
75	MP2A	Mx	.01	.5
76	MP2A	X	-58.855	5.5
77	MP2A	Z	-33.98	5.5
78	MP2A	Mx	.01	5.5
79	MP2B	X	-101.02	.5
80	MP2B	Z	-58.324	.5
81	MP2B	Mx	.057	.5
82	MP2B	X	-101.02	5.5
83	MP2B	Z	-58.324	5.5
84	MP2B	Mx	.057	5.5
85	MP2C	X	-58.855	.5
86	MP2C	Z	-33.98	.5
87	MP2C	Mx	-.049	.5
88	MP2C	X	-58.855	5.5
89	MP2C	Z	-33.98	5.5
90	MP2C	Mx	-.049	5.5
91	MP2A	X	-58.855	.5
92	MP2A	Z	-33.98	.5
93	MP2A	Mx	.049	.5
94	MP2A	X	-58.855	5.5
95	MP2A	Z	-33.98	5.5
96	MP2A	Mx	.049	5.5
97	MP2B	X	-101.02	.5
98	MP2B	Z	-58.324	.5
99	MP2B	Mx	-.077	.5
100	MP2B	X	-101.02	5.5
101	MP2B	Z	-58.324	5.5
102	MP2B	Mx	-.077	5.5
103	MP2C	X	-58.855	.5
104	MP2C	Z	-33.98	.5
105	MP2C	Mx	-.01	.5
106	MP2C	X	-58.855	5.5
107	MP2C	Z	-33.98	5.5
108	MP2C	Mx	-.01	5.5
109	MP3A	X	-112.464	.5
110	MP3A	Z	-64.931	.5
111	MP3A	Mx	.056	.5
112	MP3A	X	-112.464	5.5
113	MP3A	Z	-64.931	5.5
114	MP3A	Mx	.056	5.5
115	MP3B	X	-149.37	.5
116	MP3B	Z	-86.239	.5
117	MP3B	Mx	-.015	.5
118	MP3B	X	-149.37	5.5
119	MP3B	Z	-86.239	5.5
120	MP3B	Mx	-.015	5.5
121	MP3C	X	-112.464	.5
122	MP3C	Z	-64.931	.5
123	MP3C	Mx	-.056	.5
124	MP3C	X	-112.464	5.5
125	MP3C	Z	-64.931	5.5
126	MP3C	Mx	-.056	5.5

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

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	X	-10.332	4.5
2	MP2A	Z	-17.896	4.5
3	MP2A	Mx	-.016	4.5
4	MP2A	X	-10.332	5.5
5	MP2A	Z	-17.896	5.5
6	MP2A	Mx	-.016	5.5
7	MP2A	X	-10.332	4.5
8	MP2A	Z	-17.896	4.5
9	MP2A	Mx	-.004	4.5
10	MP2A	X	-10.332	5.5
11	MP2A	Z	-17.896	5.5
12	MP2A	Mx	-.004	5.5
13	MP2B	X	-10.332	4.5
14	MP2B	Z	-17.896	4.5
15	MP2B	Mx	-.016	4.5
16	MP2B	X	-10.332	5.5
17	MP2B	Z	-17.896	5.5
18	MP2B	Mx	-.016	5.5
19	MP2B	X	-10.332	4.5
20	MP2B	Z	-17.896	4.5
21	MP2B	Mx	-.004	4.5
22	MP2B	X	-10.332	5.5
23	MP2B	Z	-17.896	5.5
24	MP2B	Mx	-.004	5.5
25	MP1A	X	-15.318	4.5
26	MP1A	Z	-26.532	4.5
27	MP1A	Mx	.008	4.5
28	MP1B	X	-17.368	4.5
29	MP1B	Z	-30.083	4.5
30	MP1B	Mx	.006	4.5
31	MP1C	X	-3.76	4.5
32	MP1C	Z	-6.512	4.5
33	MP1C	Mx	-.004	4.5
34	MP1A	X	-35.25	.5
35	MP1A	Z	-61.054	.5
36	MP1A	Mx	.018	.5
37	MP1A	X	-35.25	2.5
38	MP1A	Z	-61.054	2.5
39	MP1A	Mx	.018	2.5
40	MP1B	X	-38.927	.5
41	MP1B	Z	-67.423	.5
42	MP1B	Mx	.013	.5
43	MP1B	X	-38.927	2.5
44	MP1B	Z	-67.423	2.5
45	MP1B	Mx	.013	2.5
46	MP1C	X	-14.519	.5
47	MP1C	Z	-25.148	.5
48	MP1C	Mx	-.015	.5
49	MP1C	X	-14.519	2.5
50	MP1C	Z	-25.148	2.5
51	MP1C	Mx	-.015	2.5
52	MP2A	X	-30.598	2.5
53	MP2A	Z	-52.998	2.5
54	MP2A	Mx	-.015	2.5
55	MP2B	X	-32.057	2.5
56	MP2B	Z	-55.525	2.5
57	MP2B	Mx	-.011	2.5
58	MP2C	X	-22.371	2.5
59	MP2C	Z	-38.747	2.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
60	MP2C	Mx	.022	2.5
61	MP3A	X	-29.576	2.5
62	MP3A	Z	-51.228	2.5
63	MP3A	Mx	-.015	2.5
64	MP3B	X	-31.579	2.5
65	MP3B	Z	-54.697	2.5
66	MP3B	Mx	-.011	2.5
67	MP3C	X	-18.284	2.5
68	MP3C	Z	-31.668	2.5
69	MP3C	Mx	.018	2.5
70	M104	X	-78.299	1.5
71	M104	Z	-135.618	1.5
72	M104	Mx	0	1.5
73	MP2A	X	-50.889	.5
74	MP2A	Z	-88.143	.5
75	MP2A	Mx	-.026	.5
76	MP2A	X	-50.889	5.5
77	MP2A	Z	-88.143	5.5
78	MP2A	Mx	-.026	5.5
79	MP2B	X	-55.388	.5
80	MP2B	Z	-95.935	.5
81	MP2B	Mx	.08	.5
82	MP2B	X	-55.388	5.5
83	MP2B	Z	-95.935	5.5
84	MP2B	Mx	.08	5.5
85	MP2C	X	-25.525	.5
86	MP2C	Z	-44.211	.5
87	MP2C	Mx	-.026	.5
88	MP2C	X	-25.525	5.5
89	MP2C	Z	-44.211	5.5
90	MP2C	Mx	-.026	5.5
91	MP2A	X	-50.889	.5
92	MP2A	Z	-88.143	.5
93	MP2A	Mx	.077	.5
94	MP2A	X	-50.889	5.5
95	MP2A	Z	-88.143	5.5
96	MP2A	Mx	.077	5.5
97	MP2B	X	-55.388	.5
98	MP2B	Z	-95.935	.5
99	MP2B	Mx	-.042	.5
100	MP2B	X	-55.388	5.5
101	MP2B	Z	-95.935	5.5
102	MP2B	Mx	-.042	5.5
103	MP2C	X	-25.525	.5
104	MP2C	Z	-44.211	.5
105	MP2C	Mx	-.026	.5
106	MP2C	X	-25.525	5.5
107	MP2C	Z	-44.211	5.5
108	MP2C	Mx	-.026	5.5
109	MP3A	X	-79.731	.5
110	MP3A	Z	-138.098	.5
111	MP3A	Mx	.04	.5
112	MP3A	X	-79.731	5.5
113	MP3A	Z	-138.098	5.5
114	MP3A	Mx	.04	5.5
115	MP3B	X	-83.669	.5
116	MP3B	Z	-144.918	.5
117	MP3B	Mx	.029	.5
118	MP3B	X	-83.669	5.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
119	MP3B	Z	-144.918	5.5
120	MP3B	Mx	.029	5.5
121	MP3C	X	-57.531	.5
122	MP3C	Z	-99.646	.5
123	MP3C	Mx	-.058	.5
124	MP3C	X	-57.531	5.5
125	MP3C	Z	-99.646	5.5
126	MP3C	Mx	-.058	5.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	X	0	4.5
2	MP2A	Z	-2.15	4.5
3	MP2A	Mx	-.000717	4.5
4	MP2A	X	0	5.5
5	MP2A	Z	-2.15	5.5
6	MP2A	Mx	-.000717	5.5
7	MP2A	X	0	4.5
8	MP2A	Z	-2.15	4.5
9	MP2A	Mx	.000717	4.5
10	MP2A	X	0	5.5
11	MP2A	Z	-2.15	5.5
12	MP2A	Mx	.000717	5.5
13	MP2B	X	0	4.5
14	MP2B	Z	-2.15	4.5
15	MP2B	Mx	-.000717	4.5
16	MP2B	X	0	5.5
17	MP2B	Z	-2.15	5.5
18	MP2B	Mx	-.000717	5.5
19	MP2B	X	0	4.5
20	MP2B	Z	-2.15	4.5
21	MP2B	Mx	.000717	4.5
22	MP2B	X	0	5.5
23	MP2B	Z	-2.15	5.5
24	MP2B	Mx	.000717	5.5
25	MP1A	X	0	4.5
26	MP1A	Z	-9.778	4.5
27	MP1A	Mx	0	4.5
28	MP1B	X	0	4.5
29	MP1B	Z	-5.997	4.5
30	MP1B	Mx	.002	4.5
31	MP1C	X	0	4.5
32	MP1C	Z	-4.945	4.5
33	MP1C	Mx	-.002	4.5
34	MP1A	X	0	.5
35	MP1A	Z	-21.049	.5
36	MP1A	Mx	0	.5
37	MP1A	X	0	2.5
38	MP1A	Z	-21.049	2.5
39	MP1A	Mx	0	2.5
40	MP1B	X	0	.5
41	MP1B	Z	-14.188	.5
42	MP1B	Mx	.005	.5
43	MP1B	X	0	2.5
44	MP1B	Z	-14.188	2.5
45	MP1B	Mx	.005	2.5
46	MP1C	X	0	.5
47	MP1C	Z	-12.28	.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
48	MP1C	Mx	-.005	.5
49	MP1C	X	0	2.5
50	MP1C	Z	-12.28	2.5
51	MP1C	Mx	-.005	2.5
52	MP2A	X	0	2.5
53	MP2A	Z	-18.245	2.5
54	MP2A	Mx	0	2.5
55	MP2B	X	0	2.5
56	MP2B	Z	-15.134	2.5
57	MP2B	Mx	-.006	2.5
58	MP2C	X	0	2.5
59	MP2C	Z	-14.269	2.5
60	MP2C	Mx	.006	2.5
61	MP3A	X	0	2.5
62	MP3A	Z	-18.245	2.5
63	MP3A	Mx	0	2.5
64	MP3B	X	0	2.5
65	MP3B	Z	-13.952	2.5
66	MP3B	Mx	-.005	2.5
67	MP3C	X	0	2.5
68	MP3C	Z	-12.758	2.5
69	MP3C	Mx	.006	2.5
70	M104	X	0	1.5
71	M104	Z	-28.229	1.5
72	M104	Mx	0	1.5
73	MP2A	X	0	.5
74	MP2A	Z	-35.377	.5
75	MP2A	Mx	-.021	.5
76	MP2A	X	0	5.5
77	MP2A	Z	-35.377	5.5
78	MP2A	Mx	-.021	5.5
79	MP2B	X	0	.5
80	MP2B	Z	-29.221	.5
81	MP2B	Mx	.022	.5
82	MP2B	X	0	5.5
83	MP2B	Z	-29.221	5.5
84	MP2B	Mx	.022	5.5
85	MP2C	X	0	.5
86	MP2C	Z	-27.51	.5
87	MP2C	Mx	-.004	.5
88	MP2C	X	0	5.5
89	MP2C	Z	-27.51	5.5
90	MP2C	Mx	-.004	5.5
91	MP2A	X	0	.5
92	MP2A	Z	-35.377	.5
93	MP2A	Mx	.021	.5
94	MP2A	X	0	5.5
95	MP2A	Z	-35.377	5.5
96	MP2A	Mx	.021	5.5
97	MP2B	X	0	.5
98	MP2B	Z	-29.221	.5
99	MP2B	Mx	.000236	.5
100	MP2B	X	0	5.5
101	MP2B	Z	-29.221	5.5
102	MP2B	Mx	.000236	5.5
103	MP2C	X	0	.5
104	MP2C	Z	-27.51	.5
105	MP2C	Mx	-.02	.5
106	MP2C	X	0	5.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
107	MP2C	Z	-27.51	5.5
108	MP2C	Mx	-.02	5.5
109	MP3A	X	0	.5
110	MP3A	Z	-35.048	.5
111	MP3A	Mx	0	.5
112	MP3A	X	0	5.5
113	MP3A	Z	-35.048	5.5
114	MP3A	Mx	0	5.5
115	MP3B	X	0	.5
116	MP3B	Z	-28.948	.5
117	MP3B	Mx	.011	.5
118	MP3B	X	0	5.5
119	MP3B	Z	-28.948	5.5
120	MP3B	Mx	.011	5.5
121	MP3C	X	0	.5
122	MP3C	Z	-27.252	.5
123	MP3C	Mx	-.012	.5
124	MP3C	X	0	5.5
125	MP3C	Z	-27.252	5.5
126	MP3C	Mx	-.012	5.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	X	1.454	4.5
2	MP2A	Z	-2.518	4.5
3	MP2A	Mx	.000615	4.5
4	MP2A	X	1.454	5.5
5	MP2A	Z	-2.518	5.5
6	MP2A	Mx	.000615	5.5
7	MP2A	X	1.454	4.5
8	MP2A	Z	-2.518	4.5
9	MP2A	Mx	.002	4.5
10	MP2A	X	1.454	5.5
11	MP2A	Z	-2.518	5.5
12	MP2A	Mx	.002	5.5
13	MP2B	X	1.454	4.5
14	MP2B	Z	-2.518	4.5
15	MP2B	Mx	.000615	4.5
16	MP2B	X	1.454	5.5
17	MP2B	Z	-2.518	5.5
18	MP2B	Mx	.000615	5.5
19	MP2B	X	1.454	4.5
20	MP2B	Z	-2.518	4.5
21	MP2B	Mx	.002	4.5
22	MP2B	X	1.454	5.5
23	MP2B	Z	-2.518	5.5
24	MP2B	Mx	.002	5.5
25	MP1A	X	4.083	4.5
26	MP1A	Z	-7.073	4.5
27	MP1A	Mx	-.002	4.5
28	MP1B	X	1.764	4.5
29	MP1B	Z	-3.056	4.5
30	MP1B	Mx	.002	4.5
31	MP1C	X	4.083	4.5
32	MP1C	Z	-7.073	4.5
33	MP1C	Mx	-.002	4.5
34	MP1A	X	9.063	.5
35	MP1A	Z	-15.698	.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
36	MP1A	Mx	-.005	.5
37	MP1A	X	9.063	2.5
38	MP1A	Z	-15.698	2.5
39	MP1A	Mx	-.005	2.5
40	MP1B	X	4.855	.5
41	MP1B	Z	-8.409	.5
42	MP1B	Mx	.005	.5
43	MP1B	X	4.855	2.5
44	MP1B	Z	-8.409	2.5
45	MP1B	Mx	.005	2.5
46	MP1C	X	9.063	.5
47	MP1C	Z	-15.698	.5
48	MP1C	Mx	-.005	.5
49	MP1C	X	9.063	2.5
50	MP1C	Z	-15.698	2.5
51	MP1C	Mx	-.005	2.5
52	MP2A	X	8.46	2.5
53	MP2A	Z	-14.653	2.5
54	MP2A	Mx	.004	2.5
55	MP2B	X	6.552	2.5
56	MP2B	Z	-11.348	2.5
57	MP2B	Mx	-.006	2.5
58	MP2C	X	8.46	2.5
59	MP2C	Z	-14.653	2.5
60	MP2C	Mx	.004	2.5
61	MP3A	X	8.208	2.5
62	MP3A	Z	-14.217	2.5
63	MP3A	Mx	.004	2.5
64	MP3B	X	5.575	2.5
65	MP3B	Z	-9.656	2.5
66	MP3B	Mx	-.005	2.5
67	MP3C	X	8.208	2.5
68	MP3C	Z	-14.217	2.5
69	MP3C	Mx	.004	2.5
70	M104	X	12.123	1.5
71	M104	Z	-20.998	1.5
72	M104	Mx	0	1.5
73	MP2A	X	16.377	.5
74	MP2A	Z	-28.366	.5
75	MP2A	Mx	-.025	.5
76	MP2A	X	16.377	5.5
77	MP2A	Z	-28.366	5.5
78	MP2A	Mx	-.025	5.5
79	MP2B	X	12.602	.5
80	MP2B	Z	-21.827	.5
81	MP2B	Mx	.015	.5
82	MP2B	X	12.602	5.5
83	MP2B	Z	-21.827	5.5
84	MP2B	Mx	.015	5.5
85	MP2C	X	16.377	.5
86	MP2C	Z	-28.366	.5
87	MP2C	Mx	.008	.5
88	MP2C	X	16.377	5.5
89	MP2C	Z	-28.366	5.5
90	MP2C	Mx	.008	5.5
91	MP2A	X	16.377	.5
92	MP2A	Z	-28.366	.5
93	MP2A	Mx	.008	.5
94	MP2A	X	16.377	5.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
95	MP2A	Z	-28.366	5.5
96	MP2A	Mx	.008	5.5
97	MP2B	X	12.602	.5
98	MP2B	Z	-21.827	.5
99	MP2B	Mx	.01	.5
100	MP2B	X	12.602	5.5
101	MP2B	Z	-21.827	5.5
102	MP2B	Mx	.01	5.5
103	MP2C	X	16.377	.5
104	MP2C	Z	-28.366	.5
105	MP2C	Mx	-.025	.5
106	MP2C	X	16.377	5.5
107	MP2C	Z	-28.366	5.5
108	MP2C	Mx	-.025	5.5
109	MP3A	X	16.225	.5
110	MP3A	Z	-28.102	.5
111	MP3A	Mx	-.008	.5
112	MP3A	X	16.225	5.5
113	MP3A	Z	-28.102	5.5
114	MP3A	Mx	-.008	5.5
115	MP3B	X	12.483	.5
116	MP3B	Z	-21.622	.5
117	MP3B	Mx	.012	.5
118	MP3B	X	12.483	5.5
119	MP3B	Z	-21.622	5.5
120	MP3B	Mx	.012	5.5
121	MP3C	X	16.225	.5
122	MP3C	Z	-28.102	.5
123	MP3C	Mx	-.008	.5
124	MP3C	X	16.225	5.5
125	MP3C	Z	-28.102	5.5
126	MP3C	Mx	-.008	5.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	X	3.829	4.5
2	MP2A	Z	-2.21	4.5
3	MP2A	Mx	.003	4.5
4	MP2A	X	3.829	5.5
5	MP2A	Z	-2.21	5.5
6	MP2A	Mx	.003	5.5
7	MP2A	X	3.829	4.5
8	MP2A	Z	-2.21	4.5
9	MP2A	Mx	.005	4.5
10	MP2A	X	3.829	5.5
11	MP2A	Z	-2.21	5.5
12	MP2A	Mx	.005	5.5
13	MP2B	X	3.829	4.5
14	MP2B	Z	-2.21	4.5
15	MP2B	Mx	.003	4.5
16	MP2B	X	3.829	5.5
17	MP2B	Z	-2.21	5.5
18	MP2B	Mx	.003	5.5
19	MP2B	X	3.829	4.5
20	MP2B	Z	-2.21	4.5
21	MP2B	Mx	.005	4.5
22	MP2B	X	3.829	5.5
23	MP2B	Z	-2.21	5.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
24	MP2B	Mx	.005	5.5
25	MP1A	X	4.283	4.5
26	MP1A	Z	-2.473	4.5
27	MP1A	Mx	-.002	4.5
28	MP1B	X	3.54	4.5
29	MP1B	Z	-2.044	4.5
30	MP1B	Mx	.002	4.5
31	MP1C	X	8.468	4.5
32	MP1C	Z	-4.889	4.5
33	MP1C	Mx	0	4.5
34	MP1A	X	10.635	.5
35	MP1A	Z	-6.14	.5
36	MP1A	Mx	-.005	.5
37	MP1A	X	10.635	2.5
38	MP1A	Z	-6.14	2.5
39	MP1A	Mx	-.005	2.5
40	MP1B	X	9.288	.5
41	MP1B	Z	-5.363	.5
42	MP1B	Mx	.005	.5
43	MP1B	X	9.288	2.5
44	MP1B	Z	-5.363	2.5
45	MP1B	Mx	.005	2.5
46	MP1C	X	18.229	.5
47	MP1C	Z	-10.525	.5
48	MP1C	Mx	0	.5
49	MP1C	X	18.229	2.5
50	MP1C	Z	-10.525	2.5
51	MP1C	Mx	0	2.5
52	MP2A	X	12.357	2.5
53	MP2A	Z	-7.135	2.5
54	MP2A	Mx	.006	2.5
55	MP2B	X	11.747	2.5
56	MP2B	Z	-6.782	2.5
57	MP2B	Mx	-.006	2.5
58	MP2C	X	15.801	2.5
59	MP2C	Z	-9.122	2.5
60	MP2C	Mx	0	2.5
61	MP3A	X	11.049	2.5
62	MP3A	Z	-6.379	2.5
63	MP3A	Mx	.006	2.5
64	MP3B	X	10.206	2.5
65	MP3B	Z	-5.893	2.5
66	MP3B	Mx	-.006	2.5
67	MP3C	X	15.801	2.5
68	MP3C	Z	-9.122	2.5
69	MP3C	Mx	0	2.5
70	M104	X	21.78	1.5
71	M104	Z	-12.575	1.5
72	M104	Mx	0	1.5
73	MP2A	X	23.824	.5
74	MP2A	Z	-13.755	.5
75	MP2A	Mx	-.02	.5
76	MP2A	X	23.824	5.5
77	MP2A	Z	-13.755	5.5
78	MP2A	Mx	-.02	5.5
79	MP2B	X	22.616	.5
80	MP2B	Z	-13.057	.5
81	MP2B	Mx	.007	.5
82	MP2B	X	22.616	5.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
83	MP2B	Z	-13.057	5.5
84	MP2B	Mx	.007	5.5
85	MP2C	X	30.638	.5
86	MP2C	Z	-17.689	.5
87	MP2C	Mx	.021	.5
88	MP2C	X	30.638	5.5
89	MP2C	Z	-17.689	5.5
90	MP2C	Mx	.021	5.5
91	MP2A	X	23.824	.5
92	MP2A	Z	-13.755	.5
93	MP2A	Mx	-.004	.5
94	MP2A	X	23.824	5.5
95	MP2A	Z	-13.755	5.5
96	MP2A	Mx	-.004	5.5
97	MP2B	X	22.616	.5
98	MP2B	Z	-13.057	.5
99	MP2B	Mx	.017	.5
100	MP2B	X	22.616	5.5
101	MP2B	Z	-13.057	5.5
102	MP2B	Mx	.017	5.5
103	MP2C	X	30.638	.5
104	MP2C	Z	-17.689	.5
105	MP2C	Mx	-.021	.5
106	MP2C	X	30.638	5.5
107	MP2C	Z	-17.689	5.5
108	MP2C	Mx	-.021	5.5
109	MP3A	X	23.601	.5
110	MP3A	Z	-13.626	.5
111	MP3A	Mx	-.012	.5
112	MP3A	X	23.601	5.5
113	MP3A	Z	-13.626	5.5
114	MP3A	Mx	-.012	5.5
115	MP3B	X	22.403	.5
116	MP3B	Z	-12.935	.5
117	MP3B	Mx	.012	.5
118	MP3B	X	22.403	5.5
119	MP3B	Z	-12.935	5.5
120	MP3B	Mx	.012	5.5
121	MP3C	X	30.353	.5
122	MP3C	Z	-17.524	.5
123	MP3C	Mx	0	.5
124	MP3C	X	30.353	5.5
125	MP3C	Z	-17.524	5.5
126	MP3C	Mx	0	5.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	X	5.178	4.5
2	MP2A	Z	0	4.5
3	MP2A	Mx	.005	4.5
4	MP2A	X	5.178	5.5
5	MP2A	Z	0	5.5
6	MP2A	Mx	.005	5.5
7	MP2A	X	5.178	4.5
8	MP2A	Z	0	4.5
9	MP2A	Mx	.005	4.5
10	MP2A	X	5.178	5.5
11	MP2A	Z	0	5.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
12	MP2A	Mx	.005	5.5
13	MP2B	X	5.178	4.5
14	MP2B	Z	0	4.5
15	MP2B	Mx	.005	4.5
16	MP2B	X	5.178	5.5
17	MP2B	Z	0	5.5
18	MP2B	Mx	.005	5.5
19	MP2B	X	5.178	4.5
20	MP2B	Z	0	4.5
21	MP2B	Mx	.005	4.5
22	MP2B	X	5.178	5.5
23	MP2B	Z	0	5.5
24	MP2B	Mx	.005	5.5
25	MP1A	X	3.334	4.5
26	MP1A	Z	0	4.5
27	MP1A	Mx	-.002	4.5
28	MP1B	X	7.115	4.5
29	MP1B	Z	0	4.5
30	MP1B	Mx	.002	4.5
31	MP1C	X	8.167	4.5
32	MP1C	Z	0	4.5
33	MP1C	Mx	.002	4.5
34	MP1A	X	9.357	.5
35	MP1A	Z	0	.5
36	MP1A	Mx	-.005	.5
37	MP1A	X	9.357	2.5
38	MP1A	Z	0	2.5
39	MP1A	Mx	-.005	2.5
40	MP1B	X	16.218	.5
41	MP1B	Z	0	.5
42	MP1B	Mx	.005	.5
43	MP1B	X	16.218	2.5
44	MP1B	Z	0	2.5
45	MP1B	Mx	.005	2.5
46	MP1C	X	18.126	.5
47	MP1C	Z	0	.5
48	MP1C	Mx	.005	.5
49	MP1C	X	18.126	2.5
50	MP1C	Z	0	2.5
51	MP1C	Mx	.005	2.5
52	MP2A	X	12.944	2.5
53	MP2A	Z	0	2.5
54	MP2A	Mx	.006	2.5
55	MP2B	X	16.055	2.5
56	MP2B	Z	0	2.5
57	MP2B	Mx	-.005	2.5
58	MP2C	X	16.92	2.5
59	MP2C	Z	0	2.5
60	MP2C	Mx	-.004	2.5
61	MP3A	X	10.929	2.5
62	MP3A	Z	0	2.5
63	MP3A	Mx	.005	2.5
64	MP3B	X	15.222	2.5
65	MP3B	Z	0	2.5
66	MP3B	Mx	-.005	2.5
67	MP3C	X	16.416	2.5
68	MP3C	Z	0	2.5
69	MP3C	Mx	-.004	2.5
70	M104	X	30.034	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
71	M104	Z	0	1.5
72	M104	Mx	0	1.5
73	MP2A	X	24.887	.5
74	MP2A	Z	0	.5
75	MP2A	Mx	-.012	.5
76	MP2A	X	24.887	5.5
77	MP2A	Z	0	5.5
78	MP2A	Mx	-.012	5.5
79	MP2B	X	31.043	.5
80	MP2B	Z	0	.5
81	MP2B	Mx	-.004	.5
82	MP2B	X	31.043	5.5
83	MP2B	Z	0	5.5
84	MP2B	Mx	-.004	5.5
85	MP2C	X	32.755	.5
86	MP2C	Z	0	.5
87	MP2C	Mx	.025	.5
88	MP2C	X	32.755	5.5
89	MP2C	Z	0	5.5
90	MP2C	Mx	.025	5.5
91	MP2A	X	24.887	.5
92	MP2A	Z	0	.5
93	MP2A	Mx	-.012	.5
94	MP2A	X	24.887	5.5
95	MP2A	Z	0	5.5
96	MP2A	Mx	-.012	5.5
97	MP2B	X	31.043	.5
98	MP2B	Z	0	.5
99	MP2B	Mx	.024	.5
100	MP2B	X	31.043	5.5
101	MP2B	Z	0	5.5
102	MP2B	Mx	.024	5.5
103	MP2C	X	32.755	.5
104	MP2C	Z	0	.5
105	MP2C	Mx	-.008	.5
106	MP2C	X	32.755	5.5
107	MP2C	Z	0	5.5
108	MP2C	Mx	-.008	5.5
109	MP3A	X	24.653	.5
110	MP3A	Z	0	.5
111	MP3A	Mx	-.012	.5
112	MP3A	X	24.653	5.5
113	MP3A	Z	0	5.5
114	MP3A	Mx	-.012	5.5
115	MP3B	X	30.753	.5
116	MP3B	Z	0	.5
117	MP3B	Mx	.01	.5
118	MP3B	X	30.753	5.5
119	MP3B	Z	0	5.5
120	MP3B	Mx	.01	5.5
121	MP3C	X	32.449	.5
122	MP3C	Z	0	.5
123	MP3C	Mx	.008	.5
124	MP3C	X	32.449	5.5
125	MP3C	Z	0	5.5
126	MP3C	Mx	.008	5.5

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

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	X	3.829	4.5
2	MP2A	Z	2.21	4.5
3	MP2A	Mx	.005	4.5
4	MP2A	X	3.829	5.5
5	MP2A	Z	2.21	5.5
6	MP2A	Mx	.005	5.5
7	MP2A	X	3.829	4.5
8	MP2A	Z	2.21	4.5
9	MP2A	Mx	.003	4.5
10	MP2A	X	3.829	5.5
11	MP2A	Z	2.21	5.5
12	MP2A	Mx	.003	5.5
13	MP2B	X	3.829	4.5
14	MP2B	Z	2.21	4.5
15	MP2B	Mx	.005	4.5
16	MP2B	X	3.829	5.5
17	MP2B	Z	2.21	5.5
18	MP2B	Mx	.005	5.5
19	MP2B	X	3.829	4.5
20	MP2B	Z	2.21	4.5
21	MP2B	Mx	.003	4.5
22	MP2B	X	3.829	5.5
23	MP2B	Z	2.21	5.5
24	MP2B	Mx	.003	5.5
25	MP1A	X	4.283	4.5
26	MP1A	Z	2.473	4.5
27	MP1A	Mx	-.002	4.5
28	MP1B	X	8.299	4.5
29	MP1B	Z	4.792	4.5
30	MP1B	Mx	.000832	4.5
31	MP1C	X	4.283	4.5
32	MP1C	Z	2.473	4.5
33	MP1C	Mx	.002	4.5
34	MP1A	X	10.635	.5
35	MP1A	Z	6.14	.5
36	MP1A	Mx	-.005	.5
37	MP1A	X	10.635	2.5
38	MP1A	Z	6.14	2.5
39	MP1A	Mx	-.005	2.5
40	MP1B	X	17.924	.5
41	MP1B	Z	10.348	.5
42	MP1B	Mx	.002	.5
43	MP1B	X	17.924	2.5
44	MP1B	Z	10.348	2.5
45	MP1B	Mx	.002	2.5
46	MP1C	X	10.635	.5
47	MP1C	Z	6.14	.5
48	MP1C	Mx	.005	.5
49	MP1C	X	10.635	2.5
50	MP1C	Z	6.14	2.5
51	MP1C	Mx	.005	2.5
52	MP2A	X	12.357	2.5
53	MP2A	Z	7.135	2.5
54	MP2A	Mx	.006	2.5
55	MP2B	X	15.662	2.5
56	MP2B	Z	9.043	2.5
57	MP2B	Mx	-.002	2.5
58	MP2C	X	12.357	2.5
59	MP2C	Z	7.135	2.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
60	MP2C	Mx	-.006	2.5
61	MP3A	X	11.049	2.5
62	MP3A	Z	6.379	2.5
63	MP3A	Mx	.006	2.5
64	MP3B	X	15.61	2.5
65	MP3B	Z	9.012	2.5
66	MP3B	Mx	-.002	2.5
67	MP3C	X	11.049	2.5
68	MP3C	Z	6.379	2.5
69	MP3C	Mx	-.006	2.5
70	M104	X	29.459	1.5
71	M104	Z	17.008	1.5
72	M104	Mx	0	1.5
73	MP2A	X	23.824	.5
74	MP2A	Z	13.755	.5
75	MP2A	Mx	-.004	.5
76	MP2A	X	23.824	5.5
77	MP2A	Z	13.755	5.5
78	MP2A	Mx	-.004	5.5
79	MP2B	X	30.364	.5
80	MP2B	Z	17.53	.5
81	MP2B	Mx	-.017	.5
82	MP2B	X	30.364	5.5
83	MP2B	Z	17.53	5.5
84	MP2B	Mx	-.017	5.5
85	MP2C	X	23.824	.5
86	MP2C	Z	13.755	.5
87	MP2C	Mx	.02	.5
88	MP2C	X	23.824	5.5
89	MP2C	Z	13.755	5.5
90	MP2C	Mx	.02	5.5
91	MP2A	X	23.824	.5
92	MP2A	Z	13.755	.5
93	MP2A	Mx	-.02	.5
94	MP2A	X	23.824	5.5
95	MP2A	Z	13.755	5.5
96	MP2A	Mx	-.02	5.5
97	MP2B	X	30.364	.5
98	MP2B	Z	17.53	.5
99	MP2B	Mx	.023	.5
100	MP2B	X	30.364	5.5
101	MP2B	Z	17.53	5.5
102	MP2B	Mx	.023	5.5
103	MP2C	X	23.824	.5
104	MP2C	Z	13.755	.5
105	MP2C	Mx	.004	.5
106	MP2C	X	23.824	5.5
107	MP2C	Z	13.755	5.5
108	MP2C	Mx	.004	5.5
109	MP3A	X	23.601	.5
110	MP3A	Z	13.626	.5
111	MP3A	Mx	-.012	.5
112	MP3A	X	23.601	5.5
113	MP3A	Z	13.626	5.5
114	MP3A	Mx	-.012	5.5
115	MP3B	X	30.081	.5
116	MP3B	Z	17.367	.5
117	MP3B	Mx	.003	.5
118	MP3B	X	30.081	5.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
119	MP3B	Z	17.367	5.5
120	MP3B	Mx	.003	5.5
121	MP3C	X	23.601	.5
122	MP3C	Z	13.626	.5
123	MP3C	Mx	.012	.5
124	MP3C	X	23.601	5.5
125	MP3C	Z	13.626	5.5
126	MP3C	Mx	.012	5.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	X	1.454	4.5
2	MP2A	Z	2.518	4.5
3	MP2A	Mx	.002	4.5
4	MP2A	X	1.454	5.5
5	MP2A	Z	2.518	5.5
6	MP2A	Mx	.002	5.5
7	MP2A	X	1.454	4.5
8	MP2A	Z	2.518	4.5
9	MP2A	Mx	.000615	4.5
10	MP2A	X	1.454	5.5
11	MP2A	Z	2.518	5.5
12	MP2A	Mx	.000615	5.5
13	MP2B	X	1.454	4.5
14	MP2B	Z	2.518	4.5
15	MP2B	Mx	.002	4.5
16	MP2B	X	1.454	5.5
17	MP2B	Z	2.518	5.5
18	MP2B	Mx	.002	5.5
19	MP2B	X	1.454	4.5
20	MP2B	Z	2.518	4.5
21	MP2B	Mx	.000615	4.5
22	MP2B	X	1.454	5.5
23	MP2B	Z	2.518	5.5
24	MP2B	Mx	.000615	5.5
25	MP1A	X	4.083	4.5
26	MP1A	Z	7.073	4.5
27	MP1A	Mx	-.002	4.5
28	MP1B	X	4.512	4.5
29	MP1B	Z	7.815	4.5
30	MP1B	Mx	-.002	4.5
31	MP1C	X	1.667	4.5
32	MP1C	Z	2.888	4.5
33	MP1C	Mx	.002	4.5
34	MP1A	X	9.063	.5
35	MP1A	Z	15.698	.5
36	MP1A	Mx	-.005	.5
37	MP1A	X	9.063	2.5
38	MP1A	Z	15.698	2.5
39	MP1A	Mx	-.005	2.5
40	MP1B	X	9.841	.5
41	MP1B	Z	17.045	.5
42	MP1B	Mx	-.003	.5
43	MP1B	X	9.841	2.5
44	MP1B	Z	17.045	2.5
45	MP1B	Mx	-.003	2.5
46	MP1C	X	4.679	.5
47	MP1C	Z	8.104	.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
48	MP1C	Mx	.005	.5
49	MP1C	X	4.679	2.5
50	MP1C	Z	8.104	2.5
51	MP1C	Mx	.005	2.5
52	MP2A	X	8.46	2.5
53	MP2A	Z	14.653	2.5
54	MP2A	Mx	.004	2.5
55	MP2B	X	8.812	2.5
56	MP2B	Z	15.264	2.5
57	MP2B	Mx	.003	2.5
58	MP2C	X	6.472	2.5
59	MP2C	Z	11.21	2.5
60	MP2C	Mx	-.006	2.5
61	MP3A	X	8.208	2.5
62	MP3A	Z	14.217	2.5
63	MP3A	Mx	.004	2.5
64	MP3B	X	8.695	2.5
65	MP3B	Z	15.059	2.5
66	MP3B	Mx	.003	2.5
67	MP3C	X	5.465	2.5
68	MP3C	Z	9.465	2.5
69	MP3C	Mx	-.005	2.5
70	M104	X	16.557	1.5
71	M104	Z	28.677	1.5
72	M104	Mx	0	1.5
73	MP2A	X	16.377	.5
74	MP2A	Z	28.366	.5
75	MP2A	Mx	.008	.5
76	MP2A	X	16.377	5.5
77	MP2A	Z	28.366	5.5
78	MP2A	Mx	.008	5.5
79	MP2B	X	17.075	.5
80	MP2B	Z	29.575	.5
81	MP2B	Mx	-.025	.5
82	MP2B	X	17.075	5.5
83	MP2B	Z	29.575	5.5
84	MP2B	Mx	-.025	5.5
85	MP2C	X	12.444	.5
86	MP2C	Z	21.553	.5
87	MP2C	Mx	.012	.5
88	MP2C	X	12.444	5.5
89	MP2C	Z	21.553	5.5
90	MP2C	Mx	.012	5.5
91	MP2A	X	16.377	.5
92	MP2A	Z	28.366	.5
93	MP2A	Mx	-.025	.5
94	MP2A	X	16.377	5.5
95	MP2A	Z	28.366	5.5
96	MP2A	Mx	-.025	5.5
97	MP2B	X	17.075	.5
98	MP2B	Z	29.575	.5
99	MP2B	Mx	.013	.5
100	MP2B	X	17.075	5.5
101	MP2B	Z	29.575	5.5
102	MP2B	Mx	.013	5.5
103	MP2C	X	12.444	.5
104	MP2C	Z	21.553	.5
105	MP2C	Mx	.012	.5
106	MP2C	X	12.444	5.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
107	MP2C	Z	21.553	5.5
108	MP2C	Mx	.012	5.5
109	MP3A	X	16.225	.5
110	MP3A	Z	28.102	.5
111	MP3A	Mx	-.008	.5
112	MP3A	X	16.225	5.5
113	MP3A	Z	28.102	5.5
114	MP3A	Mx	-.008	5.5
115	MP3B	X	16.916	.5
116	MP3B	Z	29.299	.5
117	MP3B	Mx	-.006	.5
118	MP3B	X	16.916	5.5
119	MP3B	Z	29.299	5.5
120	MP3B	Mx	-.006	5.5
121	MP3C	X	12.327	.5
122	MP3C	Z	21.35	.5
123	MP3C	Mx	.012	.5
124	MP3C	X	12.327	5.5
125	MP3C	Z	21.35	5.5
126	MP3C	Mx	.012	5.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	X	0	4.5
2	MP2A	Z	2.15	4.5
3	MP2A	Mx	.000717	4.5
4	MP2A	X	0	5.5
5	MP2A	Z	2.15	5.5
6	MP2A	Mx	.000717	5.5
7	MP2A	X	0	4.5
8	MP2A	Z	2.15	4.5
9	MP2A	Mx	-.000717	4.5
10	MP2A	X	0	5.5
11	MP2A	Z	2.15	5.5
12	MP2A	Mx	-.000717	5.5
13	MP2B	X	0	4.5
14	MP2B	Z	2.15	4.5
15	MP2B	Mx	.000717	4.5
16	MP2B	X	0	5.5
17	MP2B	Z	2.15	5.5
18	MP2B	Mx	.000717	5.5
19	MP2B	X	0	4.5
20	MP2B	Z	2.15	4.5
21	MP2B	Mx	-.000717	4.5
22	MP2B	X	0	5.5
23	MP2B	Z	2.15	5.5
24	MP2B	Mx	-.000717	5.5
25	MP1A	X	0	4.5
26	MP1A	Z	9.778	4.5
27	MP1A	Mx	0	4.5
28	MP1B	X	0	4.5
29	MP1B	Z	5.997	4.5
30	MP1B	Mx	-.002	4.5
31	MP1C	X	0	4.5
32	MP1C	Z	4.945	4.5
33	MP1C	Mx	.002	4.5
34	MP1A	X	0	.5
35	MP1A	Z	21.049	.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
36	MP1A	Mx	0	.5
37	MP1A	X	0	2.5
38	MP1A	Z	21.049	2.5
39	MP1A	Mx	0	2.5
40	MP1B	X	0	.5
41	MP1B	Z	14.188	.5
42	MP1B	Mx	-.005	.5
43	MP1B	X	0	2.5
44	MP1B	Z	14.188	2.5
45	MP1B	Mx	-.005	2.5
46	MP1C	X	0	.5
47	MP1C	Z	12.28	.5
48	MP1C	Mx	.005	.5
49	MP1C	X	0	2.5
50	MP1C	Z	12.28	2.5
51	MP1C	Mx	.005	2.5
52	MP2A	X	0	2.5
53	MP2A	Z	18.245	2.5
54	MP2A	Mx	0	2.5
55	MP2B	X	0	2.5
56	MP2B	Z	15.134	2.5
57	MP2B	Mx	.006	2.5
58	MP2C	X	0	2.5
59	MP2C	Z	14.269	2.5
60	MP2C	Mx	-.006	2.5
61	MP3A	X	0	2.5
62	MP3A	Z	18.245	2.5
63	MP3A	Mx	0	2.5
64	MP3B	X	0	2.5
65	MP3B	Z	13.952	2.5
66	MP3B	Mx	.005	2.5
67	MP3C	X	0	2.5
68	MP3C	Z	12.758	2.5
69	MP3C	Mx	-.006	2.5
70	M104	X	0	1.5
71	M104	Z	28.229	1.5
72	M104	Mx	0	1.5
73	MP2A	X	0	.5
74	MP2A	Z	35.377	.5
75	MP2A	Mx	.021	.5
76	MP2A	X	0	5.5
77	MP2A	Z	35.377	5.5
78	MP2A	Mx	.021	5.5
79	MP2B	X	0	.5
80	MP2B	Z	29.221	.5
81	MP2B	Mx	-.022	.5
82	MP2B	X	0	5.5
83	MP2B	Z	29.221	5.5
84	MP2B	Mx	-.022	5.5
85	MP2C	X	0	.5
86	MP2C	Z	27.51	.5
87	MP2C	Mx	.004	.5
88	MP2C	X	0	5.5
89	MP2C	Z	27.51	5.5
90	MP2C	Mx	.004	5.5
91	MP2A	X	0	.5
92	MP2A	Z	35.377	.5
93	MP2A	Mx	-.021	.5
94	MP2A	X	0	5.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
95	MP2A	Z	35.377	5.5
96	MP2A	Mx	-.021	5.5
97	MP2B	X	0	.5
98	MP2B	Z	29.221	.5
99	MP2B	Mx	-.000236	.5
100	MP2B	X	0	5.5
101	MP2B	Z	29.221	5.5
102	MP2B	Mx	-.000236	5.5
103	MP2C	X	0	.5
104	MP2C	Z	27.51	.5
105	MP2C	Mx	.02	.5
106	MP2C	X	0	5.5
107	MP2C	Z	27.51	5.5
108	MP2C	Mx	.02	5.5
109	MP3A	X	0	.5
110	MP3A	Z	35.048	.5
111	MP3A	Mx	0	.5
112	MP3A	X	0	5.5
113	MP3A	Z	35.048	5.5
114	MP3A	Mx	0	5.5
115	MP3B	X	0	.5
116	MP3B	Z	28.948	.5
117	MP3B	Mx	-.011	.5
118	MP3B	X	0	5.5
119	MP3B	Z	28.948	5.5
120	MP3B	Mx	-.011	5.5
121	MP3C	X	0	.5
122	MP3C	Z	27.252	.5
123	MP3C	Mx	.012	.5
124	MP3C	X	0	5.5
125	MP3C	Z	27.252	5.5
126	MP3C	Mx	.012	5.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	X	-1.454	4.5
2	MP2A	Z	2.518	4.5
3	MP2A	Mx	-.000615	4.5
4	MP2A	X	-1.454	5.5
5	MP2A	Z	2.518	5.5
6	MP2A	Mx	-.000615	5.5
7	MP2A	X	-1.454	4.5
8	MP2A	Z	2.518	4.5
9	MP2A	Mx	-.002	4.5
10	MP2A	X	-1.454	5.5
11	MP2A	Z	2.518	5.5
12	MP2A	Mx	-.002	5.5
13	MP2B	X	-1.454	4.5
14	MP2B	Z	2.518	4.5
15	MP2B	Mx	-.000615	4.5
16	MP2B	X	-1.454	5.5
17	MP2B	Z	2.518	5.5
18	MP2B	Mx	-.000615	5.5
19	MP2B	X	-1.454	4.5
20	MP2B	Z	2.518	4.5
21	MP2B	Mx	-.002	4.5
22	MP2B	X	-1.454	5.5
23	MP2B	Z	2.518	5.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
24	MP2B	Mx	-.002	5.5
25	MP1A	X	-4.083	4.5
26	MP1A	Z	7.073	4.5
27	MP1A	Mx	.002	4.5
28	MP1B	X	-1.764	4.5
29	MP1B	Z	3.056	4.5
30	MP1B	Mx	-.002	4.5
31	MP1C	X	-4.083	4.5
32	MP1C	Z	7.073	4.5
33	MP1C	Mx	.002	4.5
34	MP1A	X	-9.063	.5
35	MP1A	Z	15.698	.5
36	MP1A	Mx	.005	.5
37	MP1A	X	-9.063	2.5
38	MP1A	Z	15.698	2.5
39	MP1A	Mx	.005	2.5
40	MP1B	X	-4.855	.5
41	MP1B	Z	8.409	.5
42	MP1B	Mx	-.005	.5
43	MP1B	X	-4.855	2.5
44	MP1B	Z	8.409	2.5
45	MP1B	Mx	-.005	2.5
46	MP1C	X	-9.063	.5
47	MP1C	Z	15.698	.5
48	MP1C	Mx	.005	.5
49	MP1C	X	-9.063	2.5
50	MP1C	Z	15.698	2.5
51	MP1C	Mx	.005	2.5
52	MP2A	X	-8.46	2.5
53	MP2A	Z	14.653	2.5
54	MP2A	Mx	-.004	2.5
55	MP2B	X	-6.552	2.5
56	MP2B	Z	11.348	2.5
57	MP2B	Mx	.006	2.5
58	MP2C	X	-8.46	2.5
59	MP2C	Z	14.653	2.5
60	MP2C	Mx	-.004	2.5
61	MP3A	X	-8.208	2.5
62	MP3A	Z	14.217	2.5
63	MP3A	Mx	-.004	2.5
64	MP3B	X	-5.575	2.5
65	MP3B	Z	9.656	2.5
66	MP3B	Mx	.005	2.5
67	MP3C	X	-8.208	2.5
68	MP3C	Z	14.217	2.5
69	MP3C	Mx	-.004	2.5
70	M104	X	-12.123	1.5
71	M104	Z	20.998	1.5
72	M104	Mx	0	1.5
73	MP2A	X	-16.377	.5
74	MP2A	Z	28.366	.5
75	MP2A	Mx	.025	.5
76	MP2A	X	-16.377	5.5
77	MP2A	Z	28.366	5.5
78	MP2A	Mx	.025	5.5
79	MP2B	X	-12.602	.5
80	MP2B	Z	21.827	.5
81	MP2B	Mx	-.015	.5
82	MP2B	X	-12.602	5.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
83	MP2B	Z	21.827	5.5
84	MP2B	Mx	-.015	5.5
85	MP2C	X	-16.377	.5
86	MP2C	Z	28.366	.5
87	MP2C	Mx	-.008	.5
88	MP2C	X	-16.377	5.5
89	MP2C	Z	28.366	5.5
90	MP2C	Mx	-.008	5.5
91	MP2A	X	-16.377	.5
92	MP2A	Z	28.366	.5
93	MP2A	Mx	-.008	.5
94	MP2A	X	-16.377	5.5
95	MP2A	Z	28.366	5.5
96	MP2A	Mx	-.008	5.5
97	MP2B	X	-12.602	.5
98	MP2B	Z	21.827	.5
99	MP2B	Mx	-.01	.5
100	MP2B	X	-12.602	5.5
101	MP2B	Z	21.827	5.5
102	MP2B	Mx	-.01	5.5
103	MP2C	X	-16.377	.5
104	MP2C	Z	28.366	.5
105	MP2C	Mx	.025	.5
106	MP2C	X	-16.377	5.5
107	MP2C	Z	28.366	5.5
108	MP2C	Mx	.025	5.5
109	MP3A	X	-16.225	.5
110	MP3A	Z	28.102	.5
111	MP3A	Mx	.008	.5
112	MP3A	X	-16.225	5.5
113	MP3A	Z	28.102	5.5
114	MP3A	Mx	.008	5.5
115	MP3B	X	-12.483	.5
116	MP3B	Z	21.622	.5
117	MP3B	Mx	-.012	.5
118	MP3B	X	-12.483	5.5
119	MP3B	Z	21.622	5.5
120	MP3B	Mx	-.012	5.5
121	MP3C	X	-16.225	.5
122	MP3C	Z	28.102	.5
123	MP3C	Mx	.008	.5
124	MP3C	X	-16.225	5.5
125	MP3C	Z	28.102	5.5
126	MP3C	Mx	.008	5.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	X	-3.829	4.5
2	MP2A	Z	2.21	4.5
3	MP2A	Mx	-.003	4.5
4	MP2A	X	-3.829	5.5
5	MP2A	Z	2.21	5.5
6	MP2A	Mx	-.003	5.5
7	MP2A	X	-3.829	4.5
8	MP2A	Z	2.21	4.5
9	MP2A	Mx	-.005	4.5
10	MP2A	X	-3.829	5.5
11	MP2A	Z	2.21	5.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
12	MP2A	Mx	-.005	5.5
13	MP2B	X	-3.829	4.5
14	MP2B	Z	2.21	4.5
15	MP2B	Mx	-.003	4.5
16	MP2B	X	-3.829	5.5
17	MP2B	Z	2.21	5.5
18	MP2B	Mx	-.003	5.5
19	MP2B	X	-3.829	4.5
20	MP2B	Z	2.21	4.5
21	MP2B	Mx	-.005	4.5
22	MP2B	X	-3.829	5.5
23	MP2B	Z	2.21	5.5
24	MP2B	Mx	-.005	5.5
25	MP1A	X	-4.283	4.5
26	MP1A	Z	2.473	4.5
27	MP1A	Mx	.002	4.5
28	MP1B	X	-3.54	4.5
29	MP1B	Z	2.044	4.5
30	MP1B	Mx	-.002	4.5
31	MP1C	X	-8.468	4.5
32	MP1C	Z	4.889	4.5
33	MP1C	Mx	0	4.5
34	MP1A	X	-10.635	.5
35	MP1A	Z	6.14	.5
36	MP1A	Mx	.005	.5
37	MP1A	X	-10.635	2.5
38	MP1A	Z	6.14	2.5
39	MP1A	Mx	.005	2.5
40	MP1B	X	-9.288	.5
41	MP1B	Z	5.363	.5
42	MP1B	Mx	-.005	.5
43	MP1B	X	-9.288	2.5
44	MP1B	Z	5.363	2.5
45	MP1B	Mx	-.005	2.5
46	MP1C	X	-18.229	.5
47	MP1C	Z	10.525	.5
48	MP1C	Mx	0	.5
49	MP1C	X	-18.229	2.5
50	MP1C	Z	10.525	2.5
51	MP1C	Mx	0	2.5
52	MP2A	X	-12.357	2.5
53	MP2A	Z	7.135	2.5
54	MP2A	Mx	-.006	2.5
55	MP2B	X	-11.747	2.5
56	MP2B	Z	6.782	2.5
57	MP2B	Mx	.006	2.5
58	MP2C	X	-15.801	2.5
59	MP2C	Z	9.122	2.5
60	MP2C	Mx	0	2.5
61	MP3A	X	-11.049	2.5
62	MP3A	Z	6.379	2.5
63	MP3A	Mx	-.006	2.5
64	MP3B	X	-10.206	2.5
65	MP3B	Z	5.893	2.5
66	MP3B	Mx	.006	2.5
67	MP3C	X	-15.801	2.5
68	MP3C	Z	9.122	2.5
69	MP3C	Mx	0	2.5
70	M104	X	-21.78	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
71	M104	Z	12.575	1.5
72	M104	Mx	0	1.5
73	MP2A	X	-23.824	.5
74	MP2A	Z	13.755	.5
75	MP2A	Mx	.02	.5
76	MP2A	X	-23.824	5.5
77	MP2A	Z	13.755	5.5
78	MP2A	Mx	.02	5.5
79	MP2B	X	-22.616	.5
80	MP2B	Z	13.057	.5
81	MP2B	Mx	-.007	.5
82	MP2B	X	-22.616	5.5
83	MP2B	Z	13.057	5.5
84	MP2B	Mx	-.007	5.5
85	MP2C	X	-30.638	.5
86	MP2C	Z	17.689	.5
87	MP2C	Mx	-.021	.5
88	MP2C	X	-30.638	5.5
89	MP2C	Z	17.689	5.5
90	MP2C	Mx	-.021	5.5
91	MP2A	X	-23.824	.5
92	MP2A	Z	13.755	.5
93	MP2A	Mx	.004	.5
94	MP2A	X	-23.824	5.5
95	MP2A	Z	13.755	5.5
96	MP2A	Mx	.004	5.5
97	MP2B	X	-22.616	.5
98	MP2B	Z	13.057	.5
99	MP2B	Mx	-.017	.5
100	MP2B	X	-22.616	5.5
101	MP2B	Z	13.057	5.5
102	MP2B	Mx	-.017	5.5
103	MP2C	X	-30.638	.5
104	MP2C	Z	17.689	.5
105	MP2C	Mx	.021	.5
106	MP2C	X	-30.638	5.5
107	MP2C	Z	17.689	5.5
108	MP2C	Mx	.021	5.5
109	MP3A	X	-23.601	.5
110	MP3A	Z	13.626	.5
111	MP3A	Mx	.012	.5
112	MP3A	X	-23.601	5.5
113	MP3A	Z	13.626	5.5
114	MP3A	Mx	.012	5.5
115	MP3B	X	-22.403	.5
116	MP3B	Z	12.935	.5
117	MP3B	Mx	-.012	.5
118	MP3B	X	-22.403	5.5
119	MP3B	Z	12.935	5.5
120	MP3B	Mx	-.012	5.5
121	MP3C	X	-30.353	.5
122	MP3C	Z	17.524	.5
123	MP3C	Mx	0	.5
124	MP3C	X	-30.353	5.5
125	MP3C	Z	17.524	5.5
126	MP3C	Mx	0	5.5

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

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	X	-5.178	4.5
2	MP2A	Z	0	4.5
3	MP2A	Mx	-.005	4.5
4	MP2A	X	-5.178	5.5
5	MP2A	Z	0	5.5
6	MP2A	Mx	-.005	5.5
7	MP2A	X	-5.178	4.5
8	MP2A	Z	0	4.5
9	MP2A	Mx	-.005	4.5
10	MP2A	X	-5.178	5.5
11	MP2A	Z	0	5.5
12	MP2A	Mx	-.005	5.5
13	MP2B	X	-5.178	4.5
14	MP2B	Z	0	4.5
15	MP2B	Mx	-.005	4.5
16	MP2B	X	-5.178	5.5
17	MP2B	Z	0	5.5
18	MP2B	Mx	-.005	5.5
19	MP2B	X	-5.178	4.5
20	MP2B	Z	0	4.5
21	MP2B	Mx	-.005	4.5
22	MP2B	X	-5.178	5.5
23	MP2B	Z	0	5.5
24	MP2B	Mx	-.005	5.5
25	MP1A	X	-3.334	4.5
26	MP1A	Z	0	4.5
27	MP1A	Mx	.002	4.5
28	MP1B	X	-7.115	4.5
29	MP1B	Z	0	4.5
30	MP1B	Mx	-.002	4.5
31	MP1C	X	-8.167	4.5
32	MP1C	Z	0	4.5
33	MP1C	Mx	-.002	4.5
34	MP1A	X	-9.357	.5
35	MP1A	Z	0	.5
36	MP1A	Mx	.005	.5
37	MP1A	X	-9.357	2.5
38	MP1A	Z	0	2.5
39	MP1A	Mx	.005	2.5
40	MP1B	X	-16.218	.5
41	MP1B	Z	0	.5
42	MP1B	Mx	-.005	.5
43	MP1B	X	-16.218	2.5
44	MP1B	Z	0	2.5
45	MP1B	Mx	-.005	2.5
46	MP1C	X	-18.126	.5
47	MP1C	Z	0	.5
48	MP1C	Mx	-.005	.5
49	MP1C	X	-18.126	2.5
50	MP1C	Z	0	2.5
51	MP1C	Mx	-.005	2.5
52	MP2A	X	-12.944	2.5
53	MP2A	Z	0	2.5
54	MP2A	Mx	-.006	2.5
55	MP2B	X	-16.055	2.5
56	MP2B	Z	0	2.5
57	MP2B	Mx	.005	2.5
58	MP2C	X	-16.92	2.5
59	MP2C	Z	0	2.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
60	MP2C	Mx	.004	2.5
61	MP3A	X	-10.929	2.5
62	MP3A	Z	0	2.5
63	MP3A	Mx	-.005	2.5
64	MP3B	X	-15.222	2.5
65	MP3B	Z	0	2.5
66	MP3B	Mx	.005	2.5
67	MP3C	X	-16.416	2.5
68	MP3C	Z	0	2.5
69	MP3C	Mx	.004	2.5
70	M104	X	-30.034	1.5
71	M104	Z	0	1.5
72	M104	Mx	0	1.5
73	MP2A	X	-24.887	.5
74	MP2A	Z	0	.5
75	MP2A	Mx	.012	.5
76	MP2A	X	-24.887	5.5
77	MP2A	Z	0	5.5
78	MP2A	Mx	.012	5.5
79	MP2B	X	-31.043	.5
80	MP2B	Z	0	.5
81	MP2B	Mx	.004	.5
82	MP2B	X	-31.043	5.5
83	MP2B	Z	0	5.5
84	MP2B	Mx	.004	5.5
85	MP2C	X	-32.755	.5
86	MP2C	Z	0	.5
87	MP2C	Mx	-.025	.5
88	MP2C	X	-32.755	5.5
89	MP2C	Z	0	5.5
90	MP2C	Mx	-.025	5.5
91	MP2A	X	-24.887	.5
92	MP2A	Z	0	.5
93	MP2A	Mx	.012	.5
94	MP2A	X	-24.887	5.5
95	MP2A	Z	0	5.5
96	MP2A	Mx	.012	5.5
97	MP2B	X	-31.043	.5
98	MP2B	Z	0	.5
99	MP2B	Mx	-.024	.5
100	MP2B	X	-31.043	5.5
101	MP2B	Z	0	5.5
102	MP2B	Mx	-.024	5.5
103	MP2C	X	-32.755	.5
104	MP2C	Z	0	.5
105	MP2C	Mx	.008	.5
106	MP2C	X	-32.755	5.5
107	MP2C	Z	0	5.5
108	MP2C	Mx	.008	5.5
109	MP3A	X	-24.653	.5
110	MP3A	Z	0	.5
111	MP3A	Mx	.012	.5
112	MP3A	X	-24.653	5.5
113	MP3A	Z	0	5.5
114	MP3A	Mx	.012	5.5
115	MP3B	X	-30.753	.5
116	MP3B	Z	0	.5
117	MP3B	Mx	-.01	.5
118	MP3B	X	-30.753	5.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
119	MP3B	Z	0	5.5
120	MP3B	Mx	-.01	5.5
121	MP3C	X	-32.449	.5
122	MP3C	Z	0	.5
123	MP3C	Mx	-.008	.5
124	MP3C	X	-32.449	5.5
125	MP3C	Z	0	5.5
126	MP3C	Mx	-.008	5.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	X	-3.829	4.5
2	MP2A	Z	-2.21	4.5
3	MP2A	Mx	-.005	4.5
4	MP2A	X	-3.829	5.5
5	MP2A	Z	-2.21	5.5
6	MP2A	Mx	-.005	5.5
7	MP2A	X	-3.829	4.5
8	MP2A	Z	-2.21	4.5
9	MP2A	Mx	-.003	4.5
10	MP2A	X	-3.829	5.5
11	MP2A	Z	-2.21	5.5
12	MP2A	Mx	-.003	5.5
13	MP2B	X	-3.829	4.5
14	MP2B	Z	-2.21	4.5
15	MP2B	Mx	-.005	4.5
16	MP2B	X	-3.829	5.5
17	MP2B	Z	-2.21	5.5
18	MP2B	Mx	-.005	5.5
19	MP2B	X	-3.829	4.5
20	MP2B	Z	-2.21	4.5
21	MP2B	Mx	-.003	4.5
22	MP2B	X	-3.829	5.5
23	MP2B	Z	-2.21	5.5
24	MP2B	Mx	-.003	5.5
25	MP1A	X	-4.283	4.5
26	MP1A	Z	-2.473	4.5
27	MP1A	Mx	.002	4.5
28	MP1B	X	-8.299	4.5
29	MP1B	Z	-4.792	4.5
30	MP1B	Mx	-.000832	4.5
31	MP1C	X	-4.283	4.5
32	MP1C	Z	-2.473	4.5
33	MP1C	Mx	-.002	4.5
34	MP1A	X	-10.635	.5
35	MP1A	Z	-6.14	.5
36	MP1A	Mx	.005	.5
37	MP1A	X	-10.635	2.5
38	MP1A	Z	-6.14	2.5
39	MP1A	Mx	.005	2.5
40	MP1B	X	-17.924	.5
41	MP1B	Z	-10.348	.5
42	MP1B	Mx	-.002	.5
43	MP1B	X	-17.924	2.5
44	MP1B	Z	-10.348	2.5
45	MP1B	Mx	-.002	2.5
46	MP1C	X	-10.635	.5
47	MP1C	Z	-6.14	.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
48	MP1C	Mx	-.005	.5
49	MP1C	X	-10.635	2.5
50	MP1C	Z	-6.14	2.5
51	MP1C	Mx	-.005	2.5
52	MP2A	X	-12.357	2.5
53	MP2A	Z	-7.135	2.5
54	MP2A	Mx	-.006	2.5
55	MP2B	X	-15.662	2.5
56	MP2B	Z	-9.043	2.5
57	MP2B	Mx	.002	2.5
58	MP2C	X	-12.357	2.5
59	MP2C	Z	-7.135	2.5
60	MP2C	Mx	.006	2.5
61	MP3A	X	-11.049	2.5
62	MP3A	Z	-6.379	2.5
63	MP3A	Mx	-.006	2.5
64	MP3B	X	-15.61	2.5
65	MP3B	Z	-9.012	2.5
66	MP3B	Mx	.002	2.5
67	MP3C	X	-11.049	2.5
68	MP3C	Z	-6.379	2.5
69	MP3C	Mx	.006	2.5
70	M104	X	-29.459	1.5
71	M104	Z	-17.008	1.5
72	M104	Mx	0	1.5
73	MP2A	X	-23.824	.5
74	MP2A	Z	-13.755	.5
75	MP2A	Mx	.004	.5
76	MP2A	X	-23.824	5.5
77	MP2A	Z	-13.755	5.5
78	MP2A	Mx	.004	5.5
79	MP2B	X	-30.364	.5
80	MP2B	Z	-17.53	.5
81	MP2B	Mx	.017	.5
82	MP2B	X	-30.364	5.5
83	MP2B	Z	-17.53	5.5
84	MP2B	Mx	.017	5.5
85	MP2C	X	-23.824	.5
86	MP2C	Z	-13.755	.5
87	MP2C	Mx	-.02	.5
88	MP2C	X	-23.824	5.5
89	MP2C	Z	-13.755	5.5
90	MP2C	Mx	-.02	5.5
91	MP2A	X	-23.824	.5
92	MP2A	Z	-13.755	.5
93	MP2A	Mx	.02	.5
94	MP2A	X	-23.824	5.5
95	MP2A	Z	-13.755	5.5
96	MP2A	Mx	.02	5.5
97	MP2B	X	-30.364	.5
98	MP2B	Z	-17.53	.5
99	MP2B	Mx	-.023	.5
100	MP2B	X	-30.364	5.5
101	MP2B	Z	-17.53	5.5
102	MP2B	Mx	-.023	5.5
103	MP2C	X	-23.824	.5
104	MP2C	Z	-13.755	.5
105	MP2C	Mx	-.004	.5
106	MP2C	X	-23.824	5.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
107	MP2C	Z	-13.755	5.5
108	MP2C	Mx	-.004	5.5
109	MP3A	X	-23.601	.5
110	MP3A	Z	-13.626	.5
111	MP3A	Mx	.012	.5
112	MP3A	X	-23.601	5.5
113	MP3A	Z	-13.626	5.5
114	MP3A	Mx	.012	5.5
115	MP3B	X	-30.081	.5
116	MP3B	Z	-17.367	.5
117	MP3B	Mx	-.003	.5
118	MP3B	X	-30.081	5.5
119	MP3B	Z	-17.367	5.5
120	MP3B	Mx	-.003	5.5
121	MP3C	X	-23.601	.5
122	MP3C	Z	-13.626	.5
123	MP3C	Mx	-.012	.5
124	MP3C	X	-23.601	5.5
125	MP3C	Z	-13.626	5.5
126	MP3C	Mx	-.012	5.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	X	-1.454	4.5
2	MP2A	Z	-2.518	4.5
3	MP2A	Mx	-.002	4.5
4	MP2A	X	-1.454	5.5
5	MP2A	Z	-2.518	5.5
6	MP2A	Mx	-.002	5.5
7	MP2A	X	-1.454	4.5
8	MP2A	Z	-2.518	4.5
9	MP2A	Mx	-.000615	4.5
10	MP2A	X	-1.454	5.5
11	MP2A	Z	-2.518	5.5
12	MP2A	Mx	-.000615	5.5
13	MP2B	X	-1.454	4.5
14	MP2B	Z	-2.518	4.5
15	MP2B	Mx	-.002	4.5
16	MP2B	X	-1.454	5.5
17	MP2B	Z	-2.518	5.5
18	MP2B	Mx	-.002	5.5
19	MP2B	X	-1.454	4.5
20	MP2B	Z	-2.518	4.5
21	MP2B	Mx	-.000615	4.5
22	MP2B	X	-1.454	5.5
23	MP2B	Z	-2.518	5.5
24	MP2B	Mx	-.000615	5.5
25	MP1A	X	-4.083	4.5
26	MP1A	Z	-7.073	4.5
27	MP1A	Mx	.002	4.5
28	MP1B	X	-4.512	4.5
29	MP1B	Z	-7.815	4.5
30	MP1B	Mx	.002	4.5
31	MP1C	X	-1.667	4.5
32	MP1C	Z	-2.888	4.5
33	MP1C	Mx	-.002	4.5
34	MP1A	X	-9.063	.5
35	MP1A	Z	-15.698	.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
36	MP1A	Mx	.005	.5
37	MP1A	X	-9.063	2.5
38	MP1A	Z	-15.698	2.5
39	MP1A	Mx	.005	2.5
40	MP1B	X	-9.841	.5
41	MP1B	Z	-17.045	.5
42	MP1B	Mx	.003	.5
43	MP1B	X	-9.841	2.5
44	MP1B	Z	-17.045	2.5
45	MP1B	Mx	.003	2.5
46	MP1C	X	-4.679	.5
47	MP1C	Z	-8.104	.5
48	MP1C	Mx	-.005	.5
49	MP1C	X	-4.679	2.5
50	MP1C	Z	-8.104	2.5
51	MP1C	Mx	-.005	2.5
52	MP2A	X	-8.46	2.5
53	MP2A	Z	-14.653	2.5
54	MP2A	Mx	-.004	2.5
55	MP2B	X	-8.812	2.5
56	MP2B	Z	-15.264	2.5
57	MP2B	Mx	-.003	2.5
58	MP2C	X	-6.472	2.5
59	MP2C	Z	-11.21	2.5
60	MP2C	Mx	.006	2.5
61	MP3A	X	-8.208	2.5
62	MP3A	Z	-14.217	2.5
63	MP3A	Mx	-.004	2.5
64	MP3B	X	-8.695	2.5
65	MP3B	Z	-15.059	2.5
66	MP3B	Mx	-.003	2.5
67	MP3C	X	-5.465	2.5
68	MP3C	Z	-9.465	2.5
69	MP3C	Mx	.005	2.5
70	M104	X	-16.557	1.5
71	M104	Z	-28.677	1.5
72	M104	Mx	0	1.5
73	MP2A	X	-16.377	.5
74	MP2A	Z	-28.366	.5
75	MP2A	Mx	-.008	.5
76	MP2A	X	-16.377	5.5
77	MP2A	Z	-28.366	5.5
78	MP2A	Mx	-.008	5.5
79	MP2B	X	-17.075	.5
80	MP2B	Z	-29.575	.5
81	MP2B	Mx	.025	.5
82	MP2B	X	-17.075	5.5
83	MP2B	Z	-29.575	5.5
84	MP2B	Mx	.025	5.5
85	MP2C	X	-12.444	.5
86	MP2C	Z	-21.553	.5
87	MP2C	Mx	-.012	.5
88	MP2C	X	-12.444	5.5
89	MP2C	Z	-21.553	5.5
90	MP2C	Mx	-.012	5.5
91	MP2A	X	-16.377	.5
92	MP2A	Z	-28.366	.5
93	MP2A	Mx	.025	.5
94	MP2A	X	-16.377	5.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
95	MP2A	Z	-28.366	5.5
96	MP2A	Mx	.025	5.5
97	MP2B	X	-17.075	.5
98	MP2B	Z	-29.575	.5
99	MP2B	Mx	-.013	.5
100	MP2B	X	-17.075	5.5
101	MP2B	Z	-29.575	5.5
102	MP2B	Mx	-.013	5.5
103	MP2C	X	-12.444	.5
104	MP2C	Z	-21.553	.5
105	MP2C	Mx	-.012	.5
106	MP2C	X	-12.444	5.5
107	MP2C	Z	-21.553	5.5
108	MP2C	Mx	-.012	5.5
109	MP3A	X	-16.225	.5
110	MP3A	Z	-28.102	.5
111	MP3A	Mx	.008	.5
112	MP3A	X	-16.225	5.5
113	MP3A	Z	-28.102	5.5
114	MP3A	Mx	.008	5.5
115	MP3B	X	-16.916	.5
116	MP3B	Z	-29.299	.5
117	MP3B	Mx	.006	.5
118	MP3B	X	-16.916	5.5
119	MP3B	Z	-29.299	5.5
120	MP3B	Mx	.006	5.5
121	MP3C	X	-12.327	.5
122	MP3C	Z	-21.35	.5
123	MP3C	Mx	-.012	.5
124	MP3C	X	-12.327	5.5
125	MP3C	Z	-21.35	5.5
126	MP3C	Mx	-.012	5.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	X	0	4.5
2	MP2A	Z	-1.291	4.5
3	MP2A	Mx	-.00043	4.5
4	MP2A	X	0	5.5
5	MP2A	Z	-1.291	5.5
6	MP2A	Mx	-.00043	5.5
7	MP2A	X	0	4.5
8	MP2A	Z	-1.291	4.5
9	MP2A	Mx	.00043	4.5
10	MP2A	X	0	5.5
11	MP2A	Z	-1.291	5.5
12	MP2A	Mx	.00043	5.5
13	MP2B	X	0	4.5
14	MP2B	Z	-1.291	4.5
15	MP2B	Mx	-.00043	4.5
16	MP2B	X	0	5.5
17	MP2B	Z	-1.291	5.5
18	MP2B	Mx	-.00043	5.5
19	MP2B	X	0	4.5
20	MP2B	Z	-1.291	4.5
21	MP2B	Mx	.00043	4.5
22	MP2B	X	0	5.5
23	MP2B	Z	-1.291	5.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
24	MP2B	Mx	.00043	5.5
25	MP1A	X	0	4.5
26	MP1A	Z	-2.396	4.5
27	MP1A	Mx	0	4.5
28	MP1B	X	0	4.5
29	MP1B	Z	-1.266	4.5
30	MP1B	Mx	.000485	4.5
31	MP1C	X	0	4.5
32	MP1C	Z	-.952	4.5
33	MP1C	Mx	-.000412	4.5
34	MP1A	X	0	.5
35	MP1A	Z	-5.27	.5
36	MP1A	Mx	0	.5
37	MP1A	X	0	2.5
38	MP1A	Z	-5.27	2.5
39	MP1A	Mx	0	2.5
40	MP1B	X	0	.5
41	MP1B	Z	-3.242	.5
42	MP1B	Mx	.001	.5
43	MP1B	X	0	2.5
44	MP1B	Z	-3.242	2.5
45	MP1B	Mx	.001	2.5
46	MP1C	X	0	.5
47	MP1C	Z	-2.679	.5
48	MP1C	Mx	-.001	.5
49	MP1C	X	0	2.5
50	MP1C	Z	-2.679	2.5
51	MP1C	Mx	-.001	2.5
52	MP2A	X	0	2.5
53	MP2A	Z	-4.168	2.5
54	MP2A	Mx	0	2.5
55	MP2B	X	0	2.5
56	MP2B	Z	-3.363	2.5
57	MP2B	Mx	-.001	2.5
58	MP2C	X	0	2.5
59	MP2C	Z	-3.139	2.5
60	MP2C	Mx	.001	2.5
61	MP3A	X	0	2.5
62	MP3A	Z	-4.168	2.5
63	MP3A	Mx	0	2.5
64	MP3B	X	0	2.5
65	MP3B	Z	-3.063	2.5
66	MP3B	Mx	-.001	2.5
67	MP3C	X	0	2.5
68	MP3C	Z	-2.756	2.5
69	MP3C	Mx	.001	2.5
70	M104	X	0	1.5
71	M104	Z	-8.169	1.5
72	M104	Mx	0	1.5
73	MP2A	X	0	.5
74	MP2A	Z	-7.418	.5
75	MP2A	Mx	-.004	.5
76	MP2A	X	0	5.5
77	MP2A	Z	-7.418	5.5
78	MP2A	Mx	-.004	5.5
79	MP2B	X	0	.5
80	MP2B	Z	-4.937	.5
81	MP2B	Mx	.004	.5
82	MP2B	X	0	5.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
83	MP2B	Z	-4.937	5.5
84	MP2B	Mx	.004	5.5
85	MP2C	X	0	.5
86	MP2C	Z	-4.248	.5
87	MP2C	Mx	-.0006	.5
88	MP2C	X	0	5.5
89	MP2C	Z	-4.248	5.5
90	MP2C	Mx	-.0006	5.5
91	MP2A	X	0	.5
92	MP2A	Z	-7.418	.5
93	MP2A	Mx	.004	.5
94	MP2A	X	0	5.5
95	MP2A	Z	-7.418	5.5
96	MP2A	Mx	.004	5.5
97	MP2B	X	0	.5
98	MP2B	Z	-4.937	.5
99	MP2B	Mx	4e-5	.5
100	MP2B	X	0	5.5
101	MP2B	Z	-4.937	5.5
102	MP2B	Mx	4e-5	5.5
103	MP2C	X	0	.5
104	MP2C	Z	-4.248	.5
105	MP2C	Mx	-.003	.5
106	MP2C	X	0	5.5
107	MP2C	Z	-4.248	5.5
108	MP2C	Mx	-.003	5.5
109	MP3A	X	0	.5
110	MP3A	Z	-10.891	.5
111	MP3A	Mx	0	.5
112	MP3A	X	0	5.5
113	MP3A	Z	-10.891	5.5
114	MP3A	Mx	0	5.5
115	MP3B	X	0	.5
116	MP3B	Z	-8.72	.5
117	MP3B	Mx	.003	.5
118	MP3B	X	0	5.5
119	MP3B	Z	-8.72	5.5
120	MP3B	Mx	.003	5.5
121	MP3C	X	0	.5
122	MP3C	Z	-8.116	.5
123	MP3C	Mx	-.004	.5
124	MP3C	X	0	5.5
125	MP3C	Z	-8.116	5.5
126	MP3C	Mx	-.004	5.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	X	.646	4.5
2	MP2A	Z	-1.119	4.5
3	MP2A	Mx	.000273	4.5
4	MP2A	X	.646	5.5
5	MP2A	Z	-1.119	5.5
6	MP2A	Mx	.000273	5.5
7	MP2A	X	.646	4.5
8	MP2A	Z	-1.119	4.5
9	MP2A	Mx	.001	4.5
10	MP2A	X	.646	5.5
11	MP2A	Z	-1.119	5.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
12	MP2A	Mx	.001	5.5
13	MP2B	X	.646	4.5
14	MP2B	Z	-1.119	4.5
15	MP2B	Mx	.000273	4.5
16	MP2B	X	.646	5.5
17	MP2B	Z	-1.119	5.5
18	MP2B	Mx	.000273	5.5
19	MP2B	X	.646	4.5
20	MP2B	Z	-1.119	4.5
21	MP2B	Mx	.001	4.5
22	MP2B	X	.646	5.5
23	MP2B	Z	-1.119	5.5
24	MP2B	Mx	.001	5.5
25	MP1A	X	.957	4.5
26	MP1A	Z	-1.658	4.5
27	MP1A	Mx	-.000478	4.5
28	MP1B	X	.264	4.5
29	MP1B	Z	-.457	4.5
30	MP1B	Mx	.00026	4.5
31	MP1C	X	.957	4.5
32	MP1C	Z	-1.658	4.5
33	MP1C	Mx	-.000479	4.5
34	MP1A	X	2.203	.5
35	MP1A	Z	-3.816	.5
36	MP1A	Mx	-.001	.5
37	MP1A	X	2.203	2.5
38	MP1A	Z	-3.816	2.5
39	MP1A	Mx	-.001	2.5
40	MP1B	X	.96	.5
41	MP1B	Z	-1.662	.5
42	MP1B	Mx	.000945	.5
43	MP1B	X	.96	2.5
44	MP1B	Z	-1.662	2.5
45	MP1B	Mx	.000945	2.5
46	MP1C	X	2.203	.5
47	MP1C	Z	-3.816	.5
48	MP1C	Mx	-.001	.5
49	MP1C	X	2.203	2.5
50	MP1C	Z	-3.816	2.5
51	MP1C	Mx	-.001	2.5
52	MP2A	X	1.912	2.5
53	MP2A	Z	-3.312	2.5
54	MP2A	Mx	.000956	2.5
55	MP2B	X	1.419	2.5
56	MP2B	Z	-2.457	2.5
57	MP2B	Mx	-.001	2.5
58	MP2C	X	1.912	2.5
59	MP2C	Z	-3.312	2.5
60	MP2C	Mx	.000956	2.5
61	MP3A	X	1.849	2.5
62	MP3A	Z	-3.202	2.5
63	MP3A	Mx	.000924	2.5
64	MP3B	X	1.171	2.5
65	MP3B	Z	-2.028	2.5
66	MP3B	Mx	-.001	2.5
67	MP3C	X	1.849	2.5
68	MP3C	Z	-3.202	2.5
69	MP3C	Mx	.000924	2.5
70	M104	X	3.425	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
71	M104	Z	-5.932	1.5
72	M104	Mx	0	1.5
73	MP2A	X	3.181	.5
74	MP2A	Z	-5.509	.5
75	MP2A	Mx	-.005	.5
76	MP2A	X	3.181	5.5
77	MP2A	Z	-5.509	5.5
78	MP2A	Mx	-.005	5.5
79	MP2B	X	1.659	.5
80	MP2B	Z	-2.874	.5
81	MP2B	Mx	.002	.5
82	MP2B	X	1.659	5.5
83	MP2B	Z	-2.874	5.5
84	MP2B	Mx	.002	5.5
85	MP2C	X	3.181	.5
86	MP2C	Z	-5.509	.5
87	MP2C	Mx	.002	.5
88	MP2C	X	3.181	5.5
89	MP2C	Z	-5.509	5.5
90	MP2C	Mx	.002	5.5
91	MP2A	X	3.181	.5
92	MP2A	Z	-5.509	.5
93	MP2A	Mx	.002	.5
94	MP2A	X	3.181	5.5
95	MP2A	Z	-5.509	5.5
96	MP2A	Mx	.002	5.5
97	MP2B	X	1.659	.5
98	MP2B	Z	-2.874	.5
99	MP2B	Mx	.001	.5
100	MP2B	X	1.659	5.5
101	MP2B	Z	-2.874	5.5
102	MP2B	Mx	.001	5.5
103	MP2C	X	3.181	.5
104	MP2C	Z	-5.509	.5
105	MP2C	Mx	-.005	.5
106	MP2C	X	3.181	5.5
107	MP2C	Z	-5.509	5.5
108	MP2C	Mx	-.005	5.5
109	MP3A	X	4.983	.5
110	MP3A	Z	-8.631	.5
111	MP3A	Mx	-.002	.5
112	MP3A	X	4.983	5.5
113	MP3A	Z	-8.631	5.5
114	MP3A	Mx	-.002	5.5
115	MP3B	X	3.651	.5
116	MP3B	Z	-6.325	.5
117	MP3B	Mx	.004	.5
118	MP3B	X	3.651	5.5
119	MP3B	Z	-6.325	5.5
120	MP3B	Mx	.004	5.5
121	MP3C	X	4.983	.5
122	MP3C	Z	-8.631	.5
123	MP3C	Mx	-.002	.5
124	MP3C	X	4.983	5.5
125	MP3C	Z	-8.631	5.5
126	MP3C	Mx	-.002	5.5

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

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	X	1.12	4.5
2	MP2A	Z	-.647	4.5
3	MP2A	Mx	.000904	4.5
4	MP2A	X	1.12	5.5
5	MP2A	Z	-.647	5.5
6	MP2A	Mx	.000904	5.5
7	MP2A	X	1.12	4.5
8	MP2A	Z	-.647	4.5
9	MP2A	Mx	.001	4.5
10	MP2A	X	1.12	5.5
11	MP2A	Z	-.647	5.5
12	MP2A	Mx	.001	5.5
13	MP2B	X	1.12	4.5
14	MP2B	Z	-.647	4.5
15	MP2B	Mx	.000904	4.5
16	MP2B	X	1.12	5.5
17	MP2B	Z	-.647	5.5
18	MP2B	Mx	.000904	5.5
19	MP2B	X	1.12	4.5
20	MP2B	Z	-.647	4.5
21	MP2B	Mx	.001	4.5
22	MP2B	X	1.12	5.5
23	MP2B	Z	-.647	5.5
24	MP2B	Mx	.001	5.5
25	MP1A	X	.824	4.5
26	MP1A	Z	-.476	4.5
27	MP1A	Mx	-.000412	4.5
28	MP1B	X	.602	4.5
29	MP1B	Z	-.348	4.5
30	MP1B	Mx	.000327	4.5
31	MP1C	X	2.075	4.5
32	MP1C	Z	-1.198	4.5
33	MP1C	Mx	0	4.5
34	MP1A	X	2.32	.5
35	MP1A	Z	-1.339	.5
36	MP1A	Mx	-.001	.5
37	MP1A	X	2.32	2.5
38	MP1A	Z	-1.339	2.5
39	MP1A	Mx	-.001	2.5
40	MP1B	X	1.922	.5
41	MP1B	Z	-1.11	.5
42	MP1B	Mx	.001	.5
43	MP1B	X	1.922	2.5
44	MP1B	Z	-1.11	2.5
45	MP1B	Mx	.001	2.5
46	MP1C	X	4.564	.5
47	MP1C	Z	-2.635	.5
48	MP1C	Mx	0	.5
49	MP1C	X	4.564	2.5
50	MP1C	Z	-2.635	2.5
51	MP1C	Mx	0	2.5
52	MP2A	X	2.719	2.5
53	MP2A	Z	-1.57	2.5
54	MP2A	Mx	.001	2.5
55	MP2B	X	2.561	2.5
56	MP2B	Z	-1.478	2.5
57	MP2B	Mx	-.001	2.5
58	MP2C	X	3.609	2.5
59	MP2C	Z	-2.084	2.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
60	MP2C	Mx	0	2.5
61	MP3A	X	2.387	2.5
62	MP3A	Z	-1.378	2.5
63	MP3A	Mx	.001	2.5
64	MP3B	X	2.17	2.5
65	MP3B	Z	-1.253	2.5
66	MP3B	Mx	-.001	2.5
67	MP3C	X	3.609	2.5
68	MP3C	Z	-2.084	2.5
69	MP3C	Mx	0	2.5
70	M104	X	6.191	1.5
71	M104	Z	-3.574	1.5
72	M104	Mx	0	1.5
73	MP2A	X	3.678	.5
74	MP2A	Z	-2.124	.5
75	MP2A	Mx	-.003	.5
76	MP2A	X	3.678	5.5
77	MP2A	Z	-2.124	5.5
78	MP2A	Mx	-.003	5.5
79	MP2B	X	3.191	.5
80	MP2B	Z	-1.843	.5
81	MP2B	Mx	.000997	.5
82	MP2B	X	3.191	5.5
83	MP2B	Z	-1.843	5.5
84	MP2B	Mx	.000997	5.5
85	MP2C	X	6.424	.5
86	MP2C	Z	-3.709	.5
87	MP2C	Mx	.004	.5
88	MP2C	X	6.424	5.5
89	MP2C	Z	-3.709	5.5
90	MP2C	Mx	.004	5.5
91	MP2A	X	3.678	.5
92	MP2A	Z	-2.124	.5
93	MP2A	Mx	-.0006	.5
94	MP2A	X	3.678	5.5
95	MP2A	Z	-2.124	5.5
96	MP2A	Mx	-.0006	5.5
97	MP2B	X	3.191	.5
98	MP2B	Z	-1.843	.5
99	MP2B	Mx	.002	.5
100	MP2B	X	3.191	5.5
101	MP2B	Z	-1.843	5.5
102	MP2B	Mx	.002	5.5
103	MP2C	X	6.424	.5
104	MP2C	Z	-3.709	.5
105	MP2C	Mx	-.004	.5
106	MP2C	X	6.424	5.5
107	MP2C	Z	-3.709	5.5
108	MP2C	Mx	-.004	5.5
109	MP3A	X	7.029	.5
110	MP3A	Z	-4.058	.5
111	MP3A	Mx	-.004	.5
112	MP3A	X	7.029	5.5
113	MP3A	Z	-4.058	5.5
114	MP3A	Mx	-.004	5.5
115	MP3B	X	6.603	.5
116	MP3B	Z	-3.812	.5
117	MP3B	Mx	.004	.5
118	MP3B	X	6.603	5.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
119	MP3B	Z	-3.812	5.5
120	MP3B	Mx	.004	5.5
121	MP3C	X	9.432	.5
122	MP3C	Z	-5.446	.5
123	MP3C	Mx	0	.5
124	MP3C	X	9.432	5.5
125	MP3C	Z	-5.446	5.5
126	MP3C	Mx	0	5.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	X	1.294	4.5
2	MP2A	Z	0	4.5
3	MP2A	Mx	.001	4.5
4	MP2A	X	1.294	5.5
5	MP2A	Z	0	5.5
6	MP2A	Mx	.001	5.5
7	MP2A	X	1.294	4.5
8	MP2A	Z	0	4.5
9	MP2A	Mx	.001	4.5
10	MP2A	X	1.294	5.5
11	MP2A	Z	0	5.5
12	MP2A	Mx	.001	5.5
13	MP2B	X	1.294	4.5
14	MP2B	Z	0	4.5
15	MP2B	Mx	.001	4.5
16	MP2B	X	1.294	5.5
17	MP2B	Z	0	5.5
18	MP2B	Mx	.001	5.5
19	MP2B	X	1.294	4.5
20	MP2B	Z	0	4.5
21	MP2B	Mx	.001	4.5
22	MP2B	X	1.294	5.5
23	MP2B	Z	0	5.5
24	MP2B	Mx	.001	5.5
25	MP1A	X	.47	4.5
26	MP1A	Z	0	4.5
27	MP1A	Mx	-.000235	4.5
28	MP1B	X	1.6	4.5
29	MP1B	Z	0	4.5
30	MP1B	Mx	.000514	4.5
31	MP1C	X	1.915	4.5
32	MP1C	Z	0	4.5
33	MP1C	Mx	.000479	4.5
34	MP1A	X	1.815	.5
35	MP1A	Z	0	.5
36	MP1A	Mx	-.000908	.5
37	MP1A	X	1.815	2.5
38	MP1A	Z	0	2.5
39	MP1A	Mx	-.000908	2.5
40	MP1B	X	3.842	.5
41	MP1B	Z	0	.5
42	MP1B	Mx	.001	.5
43	MP1B	X	3.842	2.5
44	MP1B	Z	0	2.5
45	MP1B	Mx	.001	2.5
46	MP1C	X	4.406	.5
47	MP1C	Z	0	.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
48	MP1C	Mx	.001	.5
49	MP1C	X	4.406	2.5
50	MP1C	Z	0	2.5
51	MP1C	Mx	.001	2.5
52	MP2A	X	2.796	2.5
53	MP2A	Z	0	2.5
54	MP2A	Mx	.001	2.5
55	MP2B	X	3.601	2.5
56	MP2B	Z	0	2.5
57	MP2B	Mx	-.001	2.5
58	MP2C	X	3.825	2.5
59	MP2C	Z	0	2.5
60	MP2C	Mx	-.000956	2.5
61	MP3A	X	2.285	2.5
62	MP3A	Z	0	2.5
63	MP3A	Mx	.001	2.5
64	MP3B	X	3.39	2.5
65	MP3B	Z	0	2.5
66	MP3B	Mx	-.001	2.5
67	MP3C	X	3.697	2.5
68	MP3C	Z	0	2.5
69	MP3C	Mx	-.000924	2.5
70	M104	X	8.767	1.5
71	M104	Z	0	1.5
72	M104	Mx	0	1.5
73	MP2A	X	3.191	.5
74	MP2A	Z	0	.5
75	MP2A	Mx	-.002	.5
76	MP2A	X	3.191	5.5
77	MP2A	Z	0	5.5
78	MP2A	Mx	-.002	5.5
79	MP2B	X	5.671	.5
80	MP2B	Z	0	.5
81	MP2B	Mx	-.000712	.5
82	MP2B	X	5.671	5.5
83	MP2B	Z	0	5.5
84	MP2B	Mx	-.000712	5.5
85	MP2C	X	6.361	.5
86	MP2C	Z	0	.5
87	MP2C	Mx	.005	.5
88	MP2C	X	6.361	5.5
89	MP2C	Z	0	5.5
90	MP2C	Mx	.005	5.5
91	MP2A	X	3.191	.5
92	MP2A	Z	0	.5
93	MP2A	Mx	-.002	.5
94	MP2A	X	3.191	5.5
95	MP2A	Z	0	5.5
96	MP2A	Mx	-.002	5.5
97	MP2B	X	5.671	.5
98	MP2B	Z	0	.5
99	MP2B	Mx	.004	.5
100	MP2B	X	5.671	5.5
101	MP2B	Z	0	5.5
102	MP2B	Mx	.004	5.5
103	MP2C	X	6.361	.5
104	MP2C	Z	0	.5
105	MP2C	Mx	-.002	.5
106	MP2C	X	6.361	5.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
107	MP2C	Z	0	5.5
108	MP2C	Mx	-.002	5.5
109	MP3A	X	7.191	.5
110	MP3A	Z	0	.5
111	MP3A	Mx	-.004	.5
112	MP3A	X	7.191	5.5
113	MP3A	Z	0	5.5
114	MP3A	Mx	-.004	5.5
115	MP3B	X	9.363	.5
116	MP3B	Z	0	.5
117	MP3B	Mx	.003	.5
118	MP3B	X	9.363	5.5
119	MP3B	Z	0	5.5
120	MP3B	Mx	.003	5.5
121	MP3C	X	9.966	.5
122	MP3C	Z	0	.5
123	MP3C	Mx	.002	.5
124	MP3C	X	9.966	5.5
125	MP3C	Z	0	5.5
126	MP3C	Mx	.002	5.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	X	1.12	4.5
2	MP2A	Z	.647	4.5
3	MP2A	Mx	.001	4.5
4	MP2A	X	1.12	5.5
5	MP2A	Z	.647	5.5
6	MP2A	Mx	.001	5.5
7	MP2A	X	1.12	4.5
8	MP2A	Z	.647	4.5
9	MP2A	Mx	.000904	4.5
10	MP2A	X	1.12	5.5
11	MP2A	Z	.647	5.5
12	MP2A	Mx	.000904	5.5
13	MP2B	X	1.12	4.5
14	MP2B	Z	.647	4.5
15	MP2B	Mx	.001	4.5
16	MP2B	X	1.12	5.5
17	MP2B	Z	.647	5.5
18	MP2B	Mx	.001	5.5
19	MP2B	X	1.12	4.5
20	MP2B	Z	.647	4.5
21	MP2B	Mx	.000904	4.5
22	MP2B	X	1.12	5.5
23	MP2B	Z	.647	5.5
24	MP2B	Mx	.000904	5.5
25	MP1A	X	.824	4.5
26	MP1A	Z	.476	4.5
27	MP1A	Mx	-.000412	4.5
28	MP1B	X	2.025	4.5
29	MP1B	Z	1.169	4.5
30	MP1B	Mx	.000203	4.5
31	MP1C	X	.824	4.5
32	MP1C	Z	.476	4.5
33	MP1C	Mx	.000412	4.5
34	MP1A	X	2.32	.5
35	MP1A	Z	1.339	.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
36	MP1A	Mx	-.001	.5
37	MP1A	X	2.32	2.5
38	MP1A	Z	1.339	2.5
39	MP1A	Mx	-.001	2.5
40	MP1B	X	4.474	.5
41	MP1B	Z	2.583	.5
42	MP1B	Mx	.000449	.5
43	MP1B	X	4.474	2.5
44	MP1B	Z	2.583	2.5
45	MP1B	Mx	.000449	2.5
46	MP1C	X	2.32	.5
47	MP1C	Z	1.339	.5
48	MP1C	Mx	.001	.5
49	MP1C	X	2.32	2.5
50	MP1C	Z	1.339	2.5
51	MP1C	Mx	.001	2.5
52	MP2A	X	2.719	2.5
53	MP2A	Z	1.57	2.5
54	MP2A	Mx	.001	2.5
55	MP2B	X	3.573	2.5
56	MP2B	Z	2.063	2.5
57	MP2B	Mx	-.000358	2.5
58	MP2C	X	2.719	2.5
59	MP2C	Z	1.57	2.5
60	MP2C	Mx	-.001	2.5
61	MP3A	X	2.387	2.5
62	MP3A	Z	1.378	2.5
63	MP3A	Mx	.001	2.5
64	MP3B	X	3.56	2.5
65	MP3B	Z	2.055	2.5
66	MP3B	Mx	-.000357	2.5
67	MP3C	X	2.387	2.5
68	MP3C	Z	1.378	2.5
69	MP3C	Mx	-.001	2.5
70	M104	X	8.735	1.5
71	M104	Z	5.043	1.5
72	M104	Mx	0	1.5
73	MP2A	X	3.678	.5
74	MP2A	Z	2.124	.5
75	MP2A	Mx	-.0006	.5
76	MP2A	X	3.678	5.5
77	MP2A	Z	2.124	5.5
78	MP2A	Mx	-.0006	5.5
79	MP2B	X	6.314	.5
80	MP2B	Z	3.645	.5
81	MP2B	Mx	-.004	.5
82	MP2B	X	6.314	5.5
83	MP2B	Z	3.645	5.5
84	MP2B	Mx	-.004	5.5
85	MP2C	X	3.678	.5
86	MP2C	Z	2.124	.5
87	MP2C	Mx	.003	.5
88	MP2C	X	3.678	5.5
89	MP2C	Z	2.124	5.5
90	MP2C	Mx	.003	5.5
91	MP2A	X	3.678	.5
92	MP2A	Z	2.124	.5
93	MP2A	Mx	-.003	.5
94	MP2A	X	3.678	5.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
95	MP2A	Z	2.124	5.5
96	MP2A	Mx	-.003	5.5
97	MP2B	X	6.314	.5
98	MP2B	Z	3.645	.5
99	MP2B	Mx	.005	.5
100	MP2B	X	6.314	5.5
101	MP2B	Z	3.645	5.5
102	MP2B	Mx	.005	5.5
103	MP2C	X	3.678	.5
104	MP2C	Z	2.124	.5
105	MP2C	Mx	.000601	.5
106	MP2C	X	3.678	5.5
107	MP2C	Z	2.124	5.5
108	MP2C	Mx	.000601	5.5
109	MP3A	X	7.029	.5
110	MP3A	Z	4.058	.5
111	MP3A	Mx	-.004	.5
112	MP3A	X	7.029	5.5
113	MP3A	Z	4.058	5.5
114	MP3A	Mx	-.004	5.5
115	MP3B	X	9.336	.5
116	MP3B	Z	5.39	.5
117	MP3B	Mx	.000936	.5
118	MP3B	X	9.336	5.5
119	MP3B	Z	5.39	5.5
120	MP3B	Mx	.000936	5.5
121	MP3C	X	7.029	.5
122	MP3C	Z	4.058	.5
123	MP3C	Mx	.004	.5
124	MP3C	X	7.029	5.5
125	MP3C	Z	4.058	5.5
126	MP3C	Mx	.004	5.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	X	.646	4.5
2	MP2A	Z	1.119	4.5
3	MP2A	Mx	.001	4.5
4	MP2A	X	.646	5.5
5	MP2A	Z	1.119	5.5
6	MP2A	Mx	.001	5.5
7	MP2A	X	.646	4.5
8	MP2A	Z	1.119	4.5
9	MP2A	Mx	.000273	4.5
10	MP2A	X	.646	5.5
11	MP2A	Z	1.119	5.5
12	MP2A	Mx	.000273	5.5
13	MP2B	X	.646	4.5
14	MP2B	Z	1.119	4.5
15	MP2B	Mx	.001	4.5
16	MP2B	X	.646	5.5
17	MP2B	Z	1.119	5.5
18	MP2B	Mx	.001	5.5
19	MP2B	X	.646	4.5
20	MP2B	Z	1.119	4.5
21	MP2B	Mx	.000273	4.5
22	MP2B	X	.646	5.5
23	MP2B	Z	1.119	5.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
24	MP2B	Mx	.000273	5.5
25	MP1A	X	.957	4.5
26	MP1A	Z	1.658	4.5
27	MP1A	Mx	-.000478	4.5
28	MP1B	X	1.086	4.5
29	MP1B	Z	1.88	4.5
30	MP1B	Mx	-.000371	4.5
31	MP1C	X	.235	4.5
32	MP1C	Z	.407	4.5
33	MP1C	Mx	.000235	4.5
34	MP1A	X	2.203	.5
35	MP1A	Z	3.816	.5
36	MP1A	Mx	-.001	.5
37	MP1A	X	2.203	2.5
38	MP1A	Z	3.816	2.5
39	MP1A	Mx	-.001	2.5
40	MP1B	X	2.433	.5
41	MP1B	Z	4.214	.5
42	MP1B	Mx	-.000832	.5
43	MP1B	X	2.433	2.5
44	MP1B	Z	4.214	2.5
45	MP1B	Mx	-.000832	2.5
46	MP1C	X	.907	.5
47	MP1C	Z	1.572	.5
48	MP1C	Mx	.000907	.5
49	MP1C	X	.907	2.5
50	MP1C	Z	1.572	2.5
51	MP1C	Mx	.000907	2.5
52	MP2A	X	1.912	2.5
53	MP2A	Z	3.312	2.5
54	MP2A	Mx	.000956	2.5
55	MP2B	X	2.004	2.5
56	MP2B	Z	3.47	2.5
57	MP2B	Mx	.000685	2.5
58	MP2C	X	1.398	2.5
59	MP2C	Z	2.422	2.5
60	MP2C	Mx	-.001	2.5
61	MP3A	X	1.849	2.5
62	MP3A	Z	3.202	2.5
63	MP3A	Mx	.000924	2.5
64	MP3B	X	1.974	2.5
65	MP3B	Z	3.419	2.5
66	MP3B	Mx	.000675	2.5
67	MP3C	X	1.143	2.5
68	MP3C	Z	1.979	2.5
69	MP3C	Mx	-.001	2.5
70	M104	X	4.894	1.5
71	M104	Z	8.476	1.5
72	M104	Mx	0	1.5
73	MP2A	X	3.181	.5
74	MP2A	Z	5.509	.5
75	MP2A	Mx	.002	.5
76	MP2A	X	3.181	5.5
77	MP2A	Z	5.509	5.5
78	MP2A	Mx	.002	5.5
79	MP2B	X	3.462	.5
80	MP2B	Z	5.996	.5
81	MP2B	Mx	-.005	.5
82	MP2B	X	3.462	5.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
83	MP2B	Z	5.996	5.5
84	MP2B	Mx	-.005	5.5
85	MP2C	X	1.595	.5
86	MP2C	Z	2.763	.5
87	MP2C	Mx	.002	.5
88	MP2C	X	1.595	5.5
89	MP2C	Z	2.763	5.5
90	MP2C	Mx	.002	5.5
91	MP2A	X	3.181	.5
92	MP2A	Z	5.509	.5
93	MP2A	Mx	-.005	.5
94	MP2A	X	3.181	5.5
95	MP2A	Z	5.509	5.5
96	MP2A	Mx	-.005	5.5
97	MP2B	X	3.462	.5
98	MP2B	Z	5.996	.5
99	MP2B	Mx	.003	.5
100	MP2B	X	3.462	5.5
101	MP2B	Z	5.996	5.5
102	MP2B	Mx	.003	5.5
103	MP2C	X	1.595	.5
104	MP2C	Z	2.763	.5
105	MP2C	Mx	.002	.5
106	MP2C	X	1.595	5.5
107	MP2C	Z	2.763	5.5
108	MP2C	Mx	.002	5.5
109	MP3A	X	4.983	.5
110	MP3A	Z	8.631	.5
111	MP3A	Mx	-.002	.5
112	MP3A	X	4.983	5.5
113	MP3A	Z	8.631	5.5
114	MP3A	Mx	-.002	5.5
115	MP3B	X	5.229	.5
116	MP3B	Z	9.057	.5
117	MP3B	Mx	-.002	.5
118	MP3B	X	5.229	5.5
119	MP3B	Z	9.057	5.5
120	MP3B	Mx	-.002	5.5
121	MP3C	X	3.596	.5
122	MP3C	Z	6.228	.5
123	MP3C	Mx	.004	.5
124	MP3C	X	3.596	5.5
125	MP3C	Z	6.228	5.5
126	MP3C	Mx	.004	5.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	X	0	4.5
2	MP2A	Z	1.291	4.5
3	MP2A	Mx	.00043	4.5
4	MP2A	X	0	5.5
5	MP2A	Z	1.291	5.5
6	MP2A	Mx	.00043	5.5
7	MP2A	X	0	4.5
8	MP2A	Z	1.291	4.5
9	MP2A	Mx	-.00043	4.5
10	MP2A	X	0	5.5
11	MP2A	Z	1.291	5.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
12	MP2A	Mx	-.00043	5.5
13	MP2B	X	0	4.5
14	MP2B	Z	1.291	4.5
15	MP2B	Mx	.00043	4.5
16	MP2B	X	0	5.5
17	MP2B	Z	1.291	5.5
18	MP2B	Mx	.00043	5.5
19	MP2B	X	0	4.5
20	MP2B	Z	1.291	4.5
21	MP2B	Mx	-.00043	4.5
22	MP2B	X	0	5.5
23	MP2B	Z	1.291	5.5
24	MP2B	Mx	-.00043	5.5
25	MP1A	X	0	4.5
26	MP1A	Z	2.396	4.5
27	MP1A	Mx	0	4.5
28	MP1B	X	0	4.5
29	MP1B	Z	1.266	4.5
30	MP1B	Mx	-.000485	4.5
31	MP1C	X	0	4.5
32	MP1C	Z	.952	4.5
33	MP1C	Mx	.000412	4.5
34	MP1A	X	0	.5
35	MP1A	Z	5.27	.5
36	MP1A	Mx	0	.5
37	MP1A	X	0	2.5
38	MP1A	Z	5.27	2.5
39	MP1A	Mx	0	2.5
40	MP1B	X	0	.5
41	MP1B	Z	3.242	.5
42	MP1B	Mx	-.001	.5
43	MP1B	X	0	2.5
44	MP1B	Z	3.242	2.5
45	MP1B	Mx	-.001	2.5
46	MP1C	X	0	.5
47	MP1C	Z	2.679	.5
48	MP1C	Mx	.001	.5
49	MP1C	X	0	2.5
50	MP1C	Z	2.679	2.5
51	MP1C	Mx	.001	2.5
52	MP2A	X	0	2.5
53	MP2A	Z	4.168	2.5
54	MP2A	Mx	0	2.5
55	MP2B	X	0	2.5
56	MP2B	Z	3.363	2.5
57	MP2B	Mx	.001	2.5
58	MP2C	X	0	2.5
59	MP2C	Z	3.139	2.5
60	MP2C	Mx	-.001	2.5
61	MP3A	X	0	2.5
62	MP3A	Z	4.168	2.5
63	MP3A	Mx	0	2.5
64	MP3B	X	0	2.5
65	MP3B	Z	3.063	2.5
66	MP3B	Mx	.001	2.5
67	MP3C	X	0	2.5
68	MP3C	Z	2.756	2.5
69	MP3C	Mx	-.001	2.5
70	M104	X	0	1.5

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

	Member Label	Direction	Magnitude[lb.k.ft]	Location[ft.%]
71	M104	Z	8.169	1.5
72	M104	Mx	0	1.5
73	MP2A	X	0	.5
74	MP2A	Z	7.418	.5
75	MP2A	Mx	.004	.5
76	MP2A	X	0	5.5
77	MP2A	Z	7.418	5.5
78	MP2A	Mx	.004	5.5
79	MP2B	X	0	.5
80	MP2B	Z	4.937	.5
81	MP2B	Mx	-.004	.5
82	MP2B	X	0	5.5
83	MP2B	Z	4.937	5.5
84	MP2B	Mx	-.004	5.5
85	MP2C	X	0	.5
86	MP2C	Z	4.248	.5
87	MP2C	Mx	.0006	.5
88	MP2C	X	0	5.5
89	MP2C	Z	4.248	5.5
90	MP2C	Mx	.0006	5.5
91	MP2A	X	0	.5
92	MP2A	Z	7.418	.5
93	MP2A	Mx	-.004	.5
94	MP2A	X	0	5.5
95	MP2A	Z	7.418	5.5
96	MP2A	Mx	-.004	5.5
97	MP2B	X	0	.5
98	MP2B	Z	4.937	.5
99	MP2B	Mx	-4e-5	.5
100	MP2B	X	0	5.5
101	MP2B	Z	4.937	5.5
102	MP2B	Mx	-4e-5	5.5
103	MP2C	X	0	.5
104	MP2C	Z	4.248	.5
105	MP2C	Mx	.003	.5
106	MP2C	X	0	5.5
107	MP2C	Z	4.248	5.5
108	MP2C	Mx	.003	5.5
109	MP3A	X	0	.5
110	MP3A	Z	10.891	.5
111	MP3A	Mx	0	.5
112	MP3A	X	0	5.5
113	MP3A	Z	10.891	5.5
114	MP3A	Mx	0	5.5
115	MP3B	X	0	.5
116	MP3B	Z	8.72	.5
117	MP3B	Mx	-.003	.5
118	MP3B	X	0	5.5
119	MP3B	Z	8.72	5.5
120	MP3B	Mx	-.003	5.5
121	MP3C	X	0	.5
122	MP3C	Z	8.116	.5
123	MP3C	Mx	.004	.5
124	MP3C	X	0	5.5
125	MP3C	Z	8.116	5.5
126	MP3C	Mx	.004	5.5

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

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	X	-.646	4.5
2	MP2A	Z	1.119	4.5
3	MP2A	Mx	-.000273	4.5
4	MP2A	X	-.646	5.5
5	MP2A	Z	1.119	5.5
6	MP2A	Mx	-.000273	5.5
7	MP2A	X	-.646	4.5
8	MP2A	Z	1.119	4.5
9	MP2A	Mx	-.001	4.5
10	MP2A	X	-.646	5.5
11	MP2A	Z	1.119	5.5
12	MP2A	Mx	-.001	5.5
13	MP2B	X	-.646	4.5
14	MP2B	Z	1.119	4.5
15	MP2B	Mx	-.000273	4.5
16	MP2B	X	-.646	5.5
17	MP2B	Z	1.119	5.5
18	MP2B	Mx	-.000273	5.5
19	MP2B	X	-.646	4.5
20	MP2B	Z	1.119	4.5
21	MP2B	Mx	-.001	4.5
22	MP2B	X	-.646	5.5
23	MP2B	Z	1.119	5.5
24	MP2B	Mx	-.001	5.5
25	MP1A	X	-.957	4.5
26	MP1A	Z	1.658	4.5
27	MP1A	Mx	.000478	4.5
28	MP1B	X	-.264	4.5
29	MP1B	Z	.457	4.5
30	MP1B	Mx	-.00026	4.5
31	MP1C	X	-.957	4.5
32	MP1C	Z	1.658	4.5
33	MP1C	Mx	.000479	4.5
34	MP1A	X	-2.203	.5
35	MP1A	Z	3.816	.5
36	MP1A	Mx	.001	.5
37	MP1A	X	-2.203	2.5
38	MP1A	Z	3.816	2.5
39	MP1A	Mx	.001	2.5
40	MP1B	X	-.96	.5
41	MP1B	Z	1.662	.5
42	MP1B	Mx	-.000945	.5
43	MP1B	X	-.96	2.5
44	MP1B	Z	1.662	2.5
45	MP1B	Mx	-.000945	2.5
46	MP1C	X	-2.203	.5
47	MP1C	Z	3.816	.5
48	MP1C	Mx	.001	.5
49	MP1C	X	-2.203	2.5
50	MP1C	Z	3.816	2.5
51	MP1C	Mx	.001	2.5
52	MP2A	X	-1.912	2.5
53	MP2A	Z	3.312	2.5
54	MP2A	Mx	-.000956	2.5
55	MP2B	X	-1.419	2.5
56	MP2B	Z	2.457	2.5
57	MP2B	Mx	.001	2.5
58	MP2C	X	-1.912	2.5
59	MP2C	Z	3.312	2.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
60	MP2C	Mx	-.000956	2.5
61	MP3A	X	-1.849	2.5
62	MP3A	Z	3.202	2.5
63	MP3A	Mx	-.000924	2.5
64	MP3B	X	-1.171	2.5
65	MP3B	Z	2.028	2.5
66	MP3B	Mx	.001	2.5
67	MP3C	X	-1.849	2.5
68	MP3C	Z	3.202	2.5
69	MP3C	Mx	-.000924	2.5
70	M104	X	-3.425	1.5
71	M104	Z	5.932	1.5
72	M104	Mx	0	1.5
73	MP2A	X	-3.181	.5
74	MP2A	Z	5.509	.5
75	MP2A	Mx	.005	.5
76	MP2A	X	-3.181	5.5
77	MP2A	Z	5.509	5.5
78	MP2A	Mx	.005	5.5
79	MP2B	X	-1.659	.5
80	MP2B	Z	2.874	.5
81	MP2B	Mx	-.002	.5
82	MP2B	X	-1.659	5.5
83	MP2B	Z	2.874	5.5
84	MP2B	Mx	-.002	5.5
85	MP2C	X	-3.181	.5
86	MP2C	Z	5.509	.5
87	MP2C	Mx	-.002	.5
88	MP2C	X	-3.181	5.5
89	MP2C	Z	5.509	5.5
90	MP2C	Mx	-.002	5.5
91	MP2A	X	-3.181	.5
92	MP2A	Z	5.509	.5
93	MP2A	Mx	-.002	.5
94	MP2A	X	-3.181	5.5
95	MP2A	Z	5.509	5.5
96	MP2A	Mx	-.002	5.5
97	MP2B	X	-1.659	.5
98	MP2B	Z	2.874	.5
99	MP2B	Mx	-.001	.5
100	MP2B	X	-1.659	5.5
101	MP2B	Z	2.874	5.5
102	MP2B	Mx	-.001	5.5
103	MP2C	X	-3.181	.5
104	MP2C	Z	5.509	.5
105	MP2C	Mx	.005	.5
106	MP2C	X	-3.181	5.5
107	MP2C	Z	5.509	5.5
108	MP2C	Mx	.005	5.5
109	MP3A	X	-4.983	.5
110	MP3A	Z	8.631	.5
111	MP3A	Mx	.002	.5
112	MP3A	X	-4.983	5.5
113	MP3A	Z	8.631	5.5
114	MP3A	Mx	.002	5.5
115	MP3B	X	-3.651	.5
116	MP3B	Z	6.325	.5
117	MP3B	Mx	-.004	.5
118	MP3B	X	-3.651	5.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
119	MP3B	Z	6.325	5.5
120	MP3B	Mx	-.004	5.5
121	MP3C	X	-4.983	.5
122	MP3C	Z	8.631	.5
123	MP3C	Mx	.002	.5
124	MP3C	X	-4.983	5.5
125	MP3C	Z	8.631	5.5
126	MP3C	Mx	.002	5.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	X	-1.12	4.5
2	MP2A	Z	.647	4.5
3	MP2A	Mx	-.000904	4.5
4	MP2A	X	-1.12	5.5
5	MP2A	Z	.647	5.5
6	MP2A	Mx	-.000904	5.5
7	MP2A	X	-1.12	4.5
8	MP2A	Z	.647	4.5
9	MP2A	Mx	-.001	4.5
10	MP2A	X	-1.12	5.5
11	MP2A	Z	.647	5.5
12	MP2A	Mx	-.001	5.5
13	MP2B	X	-1.12	4.5
14	MP2B	Z	.647	4.5
15	MP2B	Mx	-.000904	4.5
16	MP2B	X	-1.12	5.5
17	MP2B	Z	.647	5.5
18	MP2B	Mx	-.000904	5.5
19	MP2B	X	-1.12	4.5
20	MP2B	Z	.647	4.5
21	MP2B	Mx	-.001	4.5
22	MP2B	X	-1.12	5.5
23	MP2B	Z	.647	5.5
24	MP2B	Mx	-.001	5.5
25	MP1A	X	-.824	4.5
26	MP1A	Z	.476	4.5
27	MP1A	Mx	.000412	4.5
28	MP1B	X	-.602	4.5
29	MP1B	Z	.348	4.5
30	MP1B	Mx	-.000327	4.5
31	MP1C	X	-2.075	4.5
32	MP1C	Z	1.198	4.5
33	MP1C	Mx	0	4.5
34	MP1A	X	-2.32	.5
35	MP1A	Z	1.339	.5
36	MP1A	Mx	.001	.5
37	MP1A	X	-2.32	2.5
38	MP1A	Z	1.339	2.5
39	MP1A	Mx	.001	2.5
40	MP1B	X	-1.922	.5
41	MP1B	Z	1.11	.5
42	MP1B	Mx	-.001	.5
43	MP1B	X	-1.922	2.5
44	MP1B	Z	1.11	2.5
45	MP1B	Mx	-.001	2.5
46	MP1C	X	-4.564	.5
47	MP1C	Z	2.635	.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
48	MP1C	Mx	0	.5
49	MP1C	X	-4.564	2.5
50	MP1C	Z	2.635	2.5
51	MP1C	Mx	0	2.5
52	MP2A	X	-2.719	2.5
53	MP2A	Z	1.57	2.5
54	MP2A	Mx	-.001	2.5
55	MP2B	X	-2.561	2.5
56	MP2B	Z	1.478	2.5
57	MP2B	Mx	.001	2.5
58	MP2C	X	-3.609	2.5
59	MP2C	Z	2.084	2.5
60	MP2C	Mx	0	2.5
61	MP3A	X	-2.387	2.5
62	MP3A	Z	1.378	2.5
63	MP3A	Mx	-.001	2.5
64	MP3B	X	-2.17	2.5
65	MP3B	Z	1.253	2.5
66	MP3B	Mx	.001	2.5
67	MP3C	X	-3.609	2.5
68	MP3C	Z	2.084	2.5
69	MP3C	Mx	0	2.5
70	M104	X	-6.191	1.5
71	M104	Z	3.574	1.5
72	M104	Mx	0	1.5
73	MP2A	X	-3.678	.5
74	MP2A	Z	2.124	.5
75	MP2A	Mx	.003	.5
76	MP2A	X	-3.678	5.5
77	MP2A	Z	2.124	5.5
78	MP2A	Mx	.003	5.5
79	MP2B	X	-3.191	.5
80	MP2B	Z	1.843	.5
81	MP2B	Mx	-.000997	.5
82	MP2B	X	-3.191	5.5
83	MP2B	Z	1.843	5.5
84	MP2B	Mx	-.000997	5.5
85	MP2C	X	-6.424	.5
86	MP2C	Z	3.709	.5
87	MP2C	Mx	-.004	.5
88	MP2C	X	-6.424	5.5
89	MP2C	Z	3.709	5.5
90	MP2C	Mx	-.004	5.5
91	MP2A	X	-3.678	.5
92	MP2A	Z	2.124	.5
93	MP2A	Mx	.0006	.5
94	MP2A	X	-3.678	5.5
95	MP2A	Z	2.124	5.5
96	MP2A	Mx	.0006	5.5
97	MP2B	X	-3.191	.5
98	MP2B	Z	1.843	.5
99	MP2B	Mx	-.002	.5
100	MP2B	X	-3.191	5.5
101	MP2B	Z	1.843	5.5
102	MP2B	Mx	-.002	5.5
103	MP2C	X	-6.424	.5
104	MP2C	Z	3.709	.5
105	MP2C	Mx	.004	.5
106	MP2C	X	-6.424	5.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
107	MP2C	Z	3.709	5.5
108	MP2C	Mx	.004	5.5
109	MP3A	X	-7.029	.5
110	MP3A	Z	4.058	.5
111	MP3A	Mx	.004	.5
112	MP3A	X	-7.029	5.5
113	MP3A	Z	4.058	5.5
114	MP3A	Mx	.004	5.5
115	MP3B	X	-6.603	.5
116	MP3B	Z	3.812	.5
117	MP3B	Mx	-.004	.5
118	MP3B	X	-6.603	5.5
119	MP3B	Z	3.812	5.5
120	MP3B	Mx	-.004	5.5
121	MP3C	X	-9.432	.5
122	MP3C	Z	5.446	.5
123	MP3C	Mx	0	.5
124	MP3C	X	-9.432	5.5
125	MP3C	Z	5.446	5.5
126	MP3C	Mx	0	5.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	X	-1.294	4.5
2	MP2A	Z	0	4.5
3	MP2A	Mx	-.001	4.5
4	MP2A	X	-1.294	5.5
5	MP2A	Z	0	5.5
6	MP2A	Mx	-.001	5.5
7	MP2A	X	-1.294	4.5
8	MP2A	Z	0	4.5
9	MP2A	Mx	-.001	4.5
10	MP2A	X	-1.294	5.5
11	MP2A	Z	0	5.5
12	MP2A	Mx	-.001	5.5
13	MP2B	X	-1.294	4.5
14	MP2B	Z	0	4.5
15	MP2B	Mx	-.001	4.5
16	MP2B	X	-1.294	5.5
17	MP2B	Z	0	5.5
18	MP2B	Mx	-.001	5.5
19	MP2B	X	-1.294	4.5
20	MP2B	Z	0	4.5
21	MP2B	Mx	-.001	4.5
22	MP2B	X	-1.294	5.5
23	MP2B	Z	0	5.5
24	MP2B	Mx	-.001	5.5
25	MP1A	X	-.47	4.5
26	MP1A	Z	0	4.5
27	MP1A	Mx	.000235	4.5
28	MP1B	X	-1.6	4.5
29	MP1B	Z	0	4.5
30	MP1B	Mx	-.000514	4.5
31	MP1C	X	-1.915	4.5
32	MP1C	Z	0	4.5
33	MP1C	Mx	-.000479	4.5
34	MP1A	X	-1.815	.5
35	MP1A	Z	0	.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
36	MP1A	Mx	.000908	.5
37	MP1A	X	-1.815	2.5
38	MP1A	Z	0	2.5
39	MP1A	Mx	.000908	2.5
40	MP1B	X	-3.842	.5
41	MP1B	Z	0	.5
42	MP1B	Mx	-.001	.5
43	MP1B	X	-3.842	2.5
44	MP1B	Z	0	2.5
45	MP1B	Mx	-.001	2.5
46	MP1C	X	-4.406	.5
47	MP1C	Z	0	.5
48	MP1C	Mx	-.001	.5
49	MP1C	X	-4.406	2.5
50	MP1C	Z	0	2.5
51	MP1C	Mx	-.001	2.5
52	MP2A	X	-2.796	2.5
53	MP2A	Z	0	2.5
54	MP2A	Mx	-.001	2.5
55	MP2B	X	-3.601	2.5
56	MP2B	Z	0	2.5
57	MP2B	Mx	.001	2.5
58	MP2C	X	-3.825	2.5
59	MP2C	Z	0	2.5
60	MP2C	Mx	.000956	2.5
61	MP3A	X	-2.285	2.5
62	MP3A	Z	0	2.5
63	MP3A	Mx	-.001	2.5
64	MP3B	X	-3.39	2.5
65	MP3B	Z	0	2.5
66	MP3B	Mx	.001	2.5
67	MP3C	X	-3.697	2.5
68	MP3C	Z	0	2.5
69	MP3C	Mx	.000924	2.5
70	M104	X	-8.767	1.5
71	M104	Z	0	1.5
72	M104	Mx	0	1.5
73	MP2A	X	-3.191	.5
74	MP2A	Z	0	.5
75	MP2A	Mx	.002	.5
76	MP2A	X	-3.191	5.5
77	MP2A	Z	0	5.5
78	MP2A	Mx	.002	5.5
79	MP2B	X	-5.671	.5
80	MP2B	Z	0	.5
81	MP2B	Mx	.000712	.5
82	MP2B	X	-5.671	5.5
83	MP2B	Z	0	5.5
84	MP2B	Mx	.000712	5.5
85	MP2C	X	-6.361	.5
86	MP2C	Z	0	.5
87	MP2C	Mx	-.005	.5
88	MP2C	X	-6.361	5.5
89	MP2C	Z	0	5.5
90	MP2C	Mx	-.005	5.5
91	MP2A	X	-3.191	.5
92	MP2A	Z	0	.5
93	MP2A	Mx	.002	.5
94	MP2A	X	-3.191	5.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
95	MP2A	Z	0	5.5
96	MP2A	Mx	.002	5.5
97	MP2B	X	-5.671	.5
98	MP2B	Z	0	.5
99	MP2B	Mx	-.004	.5
100	MP2B	X	-5.671	5.5
101	MP2B	Z	0	5.5
102	MP2B	Mx	-.004	5.5
103	MP2C	X	-6.361	.5
104	MP2C	Z	0	.5
105	MP2C	Mx	.002	.5
106	MP2C	X	-6.361	5.5
107	MP2C	Z	0	5.5
108	MP2C	Mx	.002	5.5
109	MP3A	X	-7.191	.5
110	MP3A	Z	0	.5
111	MP3A	Mx	.004	.5
112	MP3A	X	-7.191	5.5
113	MP3A	Z	0	5.5
114	MP3A	Mx	.004	5.5
115	MP3B	X	-9.363	.5
116	MP3B	Z	0	.5
117	MP3B	Mx	-.003	.5
118	MP3B	X	-9.363	5.5
119	MP3B	Z	0	5.5
120	MP3B	Mx	-.003	5.5
121	MP3C	X	-9.966	.5
122	MP3C	Z	0	.5
123	MP3C	Mx	-.002	.5
124	MP3C	X	-9.966	5.5
125	MP3C	Z	0	5.5
126	MP3C	Mx	-.002	5.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	X	-1.12	4.5
2	MP2A	Z	-.647	4.5
3	MP2A	Mx	-.001	4.5
4	MP2A	X	-1.12	5.5
5	MP2A	Z	-.647	5.5
6	MP2A	Mx	-.001	5.5
7	MP2A	X	-1.12	4.5
8	MP2A	Z	-.647	4.5
9	MP2A	Mx	-.000904	4.5
10	MP2A	X	-1.12	5.5
11	MP2A	Z	-.647	5.5
12	MP2A	Mx	-.000904	5.5
13	MP2B	X	-1.12	4.5
14	MP2B	Z	-.647	4.5
15	MP2B	Mx	-.001	4.5
16	MP2B	X	-1.12	5.5
17	MP2B	Z	-.647	5.5
18	MP2B	Mx	-.001	5.5
19	MP2B	X	-1.12	4.5
20	MP2B	Z	-.647	4.5
21	MP2B	Mx	-.000904	4.5
22	MP2B	X	-1.12	5.5
23	MP2B	Z	-.647	5.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
24	MP2B	Mx	-.000904	5.5
25	MP1A	X	-.824	4.5
26	MP1A	Z	-.476	4.5
27	MP1A	Mx	.000412	4.5
28	MP1B	X	-2.025	4.5
29	MP1B	Z	-1.169	4.5
30	MP1B	Mx	-.000203	4.5
31	MP1C	X	-.824	4.5
32	MP1C	Z	-.476	4.5
33	MP1C	Mx	-.000412	4.5
34	MP1A	X	-2.32	.5
35	MP1A	Z	-1.339	.5
36	MP1A	Mx	.001	.5
37	MP1A	X	-2.32	2.5
38	MP1A	Z	-1.339	2.5
39	MP1A	Mx	.001	2.5
40	MP1B	X	-4.474	.5
41	MP1B	Z	-2.583	.5
42	MP1B	Mx	-.000449	.5
43	MP1B	X	-4.474	2.5
44	MP1B	Z	-2.583	2.5
45	MP1B	Mx	-.000449	2.5
46	MP1C	X	-2.32	.5
47	MP1C	Z	-1.339	.5
48	MP1C	Mx	-.001	.5
49	MP1C	X	-2.32	2.5
50	MP1C	Z	-1.339	2.5
51	MP1C	Mx	-.001	2.5
52	MP2A	X	-2.719	2.5
53	MP2A	Z	-1.57	2.5
54	MP2A	Mx	-.001	2.5
55	MP2B	X	-3.573	2.5
56	MP2B	Z	-2.063	2.5
57	MP2B	Mx	.000358	2.5
58	MP2C	X	-2.719	2.5
59	MP2C	Z	-1.57	2.5
60	MP2C	Mx	.001	2.5
61	MP3A	X	-2.387	2.5
62	MP3A	Z	-1.378	2.5
63	MP3A	Mx	-.001	2.5
64	MP3B	X	-3.56	2.5
65	MP3B	Z	-2.055	2.5
66	MP3B	Mx	.000357	2.5
67	MP3C	X	-2.387	2.5
68	MP3C	Z	-1.378	2.5
69	MP3C	Mx	.001	2.5
70	M104	X	-8.735	1.5
71	M104	Z	-5.043	1.5
72	M104	Mx	0	1.5
73	MP2A	X	-3.678	.5
74	MP2A	Z	-2.124	.5
75	MP2A	Mx	.0006	.5
76	MP2A	X	-3.678	5.5
77	MP2A	Z	-2.124	5.5
78	MP2A	Mx	.0006	5.5
79	MP2B	X	-6.314	.5
80	MP2B	Z	-3.645	.5
81	MP2B	Mx	.004	.5
82	MP2B	X	-6.314	5.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
83	MP2B	Z	-3.645	5.5
84	MP2B	Mx	.004	5.5
85	MP2C	X	-3.678	.5
86	MP2C	Z	-2.124	.5
87	MP2C	Mx	-.003	.5
88	MP2C	X	-3.678	5.5
89	MP2C	Z	-2.124	5.5
90	MP2C	Mx	-.003	5.5
91	MP2A	X	-3.678	.5
92	MP2A	Z	-2.124	.5
93	MP2A	Mx	.003	.5
94	MP2A	X	-3.678	5.5
95	MP2A	Z	-2.124	5.5
96	MP2A	Mx	.003	5.5
97	MP2B	X	-6.314	.5
98	MP2B	Z	-3.645	.5
99	MP2B	Mx	-.005	.5
100	MP2B	X	-6.314	5.5
101	MP2B	Z	-3.645	5.5
102	MP2B	Mx	-.005	5.5
103	MP2C	X	-3.678	.5
104	MP2C	Z	-2.124	.5
105	MP2C	Mx	-.000601	.5
106	MP2C	X	-3.678	5.5
107	MP2C	Z	-2.124	5.5
108	MP2C	Mx	-.000601	5.5
109	MP3A	X	-7.029	.5
110	MP3A	Z	-4.058	.5
111	MP3A	Mx	.004	.5
112	MP3A	X	-7.029	5.5
113	MP3A	Z	-4.058	5.5
114	MP3A	Mx	.004	5.5
115	MP3B	X	-9.336	.5
116	MP3B	Z	-5.39	.5
117	MP3B	Mx	-.000936	.5
118	MP3B	X	-9.336	5.5
119	MP3B	Z	-5.39	5.5
120	MP3B	Mx	-.000936	5.5
121	MP3C	X	-7.029	.5
122	MP3C	Z	-4.058	.5
123	MP3C	Mx	-.004	.5
124	MP3C	X	-7.029	5.5
125	MP3C	Z	-4.058	5.5
126	MP3C	Mx	-.004	5.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	X	-.646	4.5
2	MP2A	Z	-1.119	4.5
3	MP2A	Mx	-.001	4.5
4	MP2A	X	-.646	5.5
5	MP2A	Z	-1.119	5.5
6	MP2A	Mx	-.001	5.5
7	MP2A	X	-.646	4.5
8	MP2A	Z	-1.119	4.5
9	MP2A	Mx	-.000273	4.5
10	MP2A	X	-.646	5.5
11	MP2A	Z	-1.119	5.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
12	MP2A	Mx	-.000273	5.5
13	MP2B	X	-.646	4.5
14	MP2B	Z	-1.119	4.5
15	MP2B	Mx	-.001	4.5
16	MP2B	X	-.646	5.5
17	MP2B	Z	-1.119	5.5
18	MP2B	Mx	-.001	5.5
19	MP2B	X	-.646	4.5
20	MP2B	Z	-1.119	4.5
21	MP2B	Mx	-.000273	4.5
22	MP2B	X	-.646	5.5
23	MP2B	Z	-1.119	5.5
24	MP2B	Mx	-.000273	5.5
25	MP1A	X	-.957	4.5
26	MP1A	Z	-1.658	4.5
27	MP1A	Mx	.000478	4.5
28	MP1B	X	-1.086	4.5
29	MP1B	Z	-1.88	4.5
30	MP1B	Mx	.000371	4.5
31	MP1C	X	-.235	4.5
32	MP1C	Z	-.407	4.5
33	MP1C	Mx	-.000235	4.5
34	MP1A	X	-2.203	.5
35	MP1A	Z	-3.816	.5
36	MP1A	Mx	.001	.5
37	MP1A	X	-2.203	2.5
38	MP1A	Z	-3.816	2.5
39	MP1A	Mx	.001	2.5
40	MP1B	X	-2.433	.5
41	MP1B	Z	-4.214	.5
42	MP1B	Mx	.000832	.5
43	MP1B	X	-2.433	2.5
44	MP1B	Z	-4.214	2.5
45	MP1B	Mx	.000832	2.5
46	MP1C	X	-.907	.5
47	MP1C	Z	-1.572	.5
48	MP1C	Mx	-.000907	.5
49	MP1C	X	-.907	2.5
50	MP1C	Z	-1.572	2.5
51	MP1C	Mx	-.000907	2.5
52	MP2A	X	-1.912	2.5
53	MP2A	Z	-3.312	2.5
54	MP2A	Mx	-.000956	2.5
55	MP2B	X	-2.004	2.5
56	MP2B	Z	-3.47	2.5
57	MP2B	Mx	-.000685	2.5
58	MP2C	X	-1.398	2.5
59	MP2C	Z	-2.422	2.5
60	MP2C	Mx	.001	2.5
61	MP3A	X	-1.849	2.5
62	MP3A	Z	-3.202	2.5
63	MP3A	Mx	-.000924	2.5
64	MP3B	X	-1.974	2.5
65	MP3B	Z	-3.419	2.5
66	MP3B	Mx	-.000675	2.5
67	MP3C	X	-1.143	2.5
68	MP3C	Z	-1.979	2.5
69	MP3C	Mx	.001	2.5
70	M104	X	-4.894	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
71	M104	Z	-8.476	1.5
72	M104	Mx	0	1.5
73	MP2A	X	-3.181	.5
74	MP2A	Z	-5.509	.5
75	MP2A	Mx	-.002	.5
76	MP2A	X	-3.181	5.5
77	MP2A	Z	-5.509	5.5
78	MP2A	Mx	-.002	5.5
79	MP2B	X	-3.462	.5
80	MP2B	Z	-5.996	.5
81	MP2B	Mx	.005	.5
82	MP2B	X	-3.462	5.5
83	MP2B	Z	-5.996	5.5
84	MP2B	Mx	.005	5.5
85	MP2C	X	-1.595	.5
86	MP2C	Z	-2.763	.5
87	MP2C	Mx	-.002	.5
88	MP2C	X	-1.595	5.5
89	MP2C	Z	-2.763	5.5
90	MP2C	Mx	-.002	5.5
91	MP2A	X	-3.181	.5
92	MP2A	Z	-5.509	.5
93	MP2A	Mx	.005	.5
94	MP2A	X	-3.181	5.5
95	MP2A	Z	-5.509	5.5
96	MP2A	Mx	.005	5.5
97	MP2B	X	-3.462	.5
98	MP2B	Z	-5.996	.5
99	MP2B	Mx	-.003	.5
100	MP2B	X	-3.462	5.5
101	MP2B	Z	-5.996	5.5
102	MP2B	Mx	-.003	5.5
103	MP2C	X	-1.595	.5
104	MP2C	Z	-2.763	.5
105	MP2C	Mx	-.002	.5
106	MP2C	X	-1.595	5.5
107	MP2C	Z	-2.763	5.5
108	MP2C	Mx	-.002	5.5
109	MP3A	X	-4.983	.5
110	MP3A	Z	-8.631	.5
111	MP3A	Mx	.002	.5
112	MP3A	X	-4.983	5.5
113	MP3A	Z	-8.631	5.5
114	MP3A	Mx	.002	5.5
115	MP3B	X	-5.229	.5
116	MP3B	Z	-9.057	.5
117	MP3B	Mx	.002	.5
118	MP3B	X	-5.229	5.5
119	MP3B	Z	-9.057	5.5
120	MP3B	Mx	.002	5.5
121	MP3C	X	-3.596	.5
122	MP3C	Z	-6.228	.5
123	MP3C	Mx	-.004	.5
124	MP3C	X	-3.596	5.5
125	MP3C	Z	-6.228	5.5
126	MP3C	Mx	-.004	5.5

Member Point Loads (BLC 77 : Lm1)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
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Member Point Loads (BLC 77 : Lm1) (Continued)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	M73	Y	-500	%93

Member Point Loads (BLC 78 : Lm2)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	M73	Y	-500	%50

Member Point Loads (BLC 79 : Lv1)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	M73	Y	-250	0

Member Point Loads (BLC 80 : Lv2)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	M73	Y	-250	%50

Member Point Loads (BLC 81 : Antenna Ev)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	Y	0	4.5
2	MP2A	My	0	4.5
3	MP2A	Mz	0	4.5
4	MP2A	Y	0	5.5
5	MP2A	My	0	5.5
6	MP2A	Mz	0	5.5
7	MP2A	Y	0	4.5
8	MP2A	My	0	4.5
9	MP2A	Mz	0	4.5
10	MP2A	Y	0	5.5
11	MP2A	My	0	5.5
12	MP2A	Mz	0	5.5
13	MP2B	Y	0	4.5
14	MP2B	My	0	4.5
15	MP2B	Mz	0	4.5
16	MP2B	Y	0	5.5
17	MP2B	My	0	5.5
18	MP2B	Mz	0	5.5
19	MP2B	Y	0	4.5
20	MP2B	My	0	4.5
21	MP2B	Mz	0	4.5
22	MP2B	Y	0	5.5
23	MP2B	My	0	5.5
24	MP2B	Mz	0	5.5
25	MP1A	Y	0	4.5
26	MP1A	My	0	4.5
27	MP1A	Mz	0	4.5
28	MP1B	Y	0	4.5
29	MP1B	My	0	4.5
30	MP1B	Mz	0	4.5
31	MP1C	Y	0	4.5
32	MP1C	My	0	4.5
33	MP1C	Mz	0	4.5
34	MP1A	Y	0	.5
35	MP1A	My	0	.5
36	MP1A	Mz	0	.5
37	MP1A	Y	0	2.5
38	MP1A	My	0	2.5
39	MP1A	Mz	0	2.5
40	MP1B	Y	0	.5
41	MP1B	My	0	.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
42	MP1B	Mz	0	.5
43	MP1B	Y	0	2.5
44	MP1B	My	0	2.5
45	MP1B	Mz	0	2.5
46	MP1C	Y	0	.5
47	MP1C	My	0	.5
48	MP1C	Mz	0	.5
49	MP1C	Y	0	2.5
50	MP1C	My	0	2.5
51	MP1C	Mz	0	2.5
52	MP2A	Y	0	2.5
53	MP2A	My	0	2.5
54	MP2A	Mz	0	2.5
55	MP2B	Y	0	2.5
56	MP2B	My	0	2.5
57	MP2B	Mz	0	2.5
58	MP2C	Y	0	2.5
59	MP2C	My	0	2.5
60	MP2C	Mz	0	2.5
61	MP3A	Y	0	2.5
62	MP3A	My	0	2.5
63	MP3A	Mz	0	2.5
64	MP3B	Y	0	2.5
65	MP3B	My	0	2.5
66	MP3B	Mz	0	2.5
67	MP3C	Y	0	2.5
68	MP3C	My	0	2.5
69	MP3C	Mz	0	2.5
70	M104	Y	0	1.5
71	M104	My	0	1.5
72	M104	Mz	0	1.5
73	MP2A	Y	0	.5
74	MP2A	My	0	.5
75	MP2A	Mz	0	.5
76	MP2A	Y	0	5.5
77	MP2A	My	0	5.5
78	MP2A	Mz	0	5.5
79	MP2B	Y	0	.5
80	MP2B	My	0	.5
81	MP2B	Mz	0	.5
82	MP2B	Y	0	5.5
83	MP2B	My	0	5.5
84	MP2B	Mz	0	5.5
85	MP2C	Y	0	.5
86	MP2C	My	0	.5
87	MP2C	Mz	0	.5
88	MP2C	Y	0	5.5
89	MP2C	My	0	5.5
90	MP2C	Mz	0	5.5
91	MP2A	Y	0	.5
92	MP2A	My	0	.5
93	MP2A	Mz	0	.5
94	MP2A	Y	0	5.5
95	MP2A	My	0	5.5
96	MP2A	Mz	0	5.5
97	MP2B	Y	0	.5
98	MP2B	My	0	.5
99	MP2B	Mz	0	.5
100	MP2B	Y	0	5.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
101	MP2B	My	0	5.5
102	MP2B	Mz	0	5.5
103	MP2C	Y	0	.5
104	MP2C	My	0	.5
105	MP2C	Mz	0	.5
106	MP2C	Y	0	5.5
107	MP2C	My	0	5.5
108	MP2C	Mz	0	5.5
109	MP3A	Y	0	.5
110	MP3A	My	0	.5
111	MP3A	Mz	0	.5
112	MP3A	Y	0	5.5
113	MP3A	My	0	5.5
114	MP3A	Mz	0	5.5
115	MP3B	Y	0	.5
116	MP3B	My	0	.5
117	MP3B	Mz	0	.5
118	MP3B	Y	0	5.5
119	MP3B	My	0	5.5
120	MP3B	Mz	0	5.5
121	MP3C	Y	0	.5
122	MP3C	My	0	.5
123	MP3C	Mz	0	.5
124	MP3C	Y	0	5.5
125	MP3C	My	0	5.5
126	MP3C	Mz	0	5.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	Z	-.264	4.5
2	MP2A	Mx	-8.8e-5	4.5
3	MP2A	Z	-.264	5.5
4	MP2A	Mx	-8.8e-5	5.5
5	MP2A	Z	-.264	4.5
6	MP2A	Mx	8.8e-5	4.5
7	MP2A	Z	-.264	5.5
8	MP2A	Mx	8.8e-5	5.5
9	MP2B	Z	-.264	4.5
10	MP2B	Mx	-8.8e-5	4.5
11	MP2B	Z	-.264	5.5
12	MP2B	Mx	-8.8e-5	5.5
13	MP2B	Z	-.264	4.5
14	MP2B	Mx	8.8e-5	4.5
15	MP2B	Z	-.264	5.5
16	MP2B	Mx	8.8e-5	5.5
17	MP1A	Z	-.132	4.5
18	MP1A	Mx	0	4.5
19	MP1B	Z	-.132	4.5
20	MP1B	Mx	5.1e-5	4.5
21	MP1C	Z	-.132	4.5
22	MP1C	Mx	-5.7e-5	4.5
23	MP1A	Z	-1.306	.5
24	MP1A	Mx	0	.5
25	MP1A	Z	-1.306	2.5
26	MP1A	Mx	0	2.5
27	MP1B	Z	-1.306	.5
28	MP1B	Mx	.0005	.5
29	MP1B	Z	-1.306	2.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
30	MP1B	Mx	.0005	2.5
31	MP1C	Z	-1.306	.5
32	MP1C	Mx	-.000566	.5
33	MP1C	Z	-1.306	2.5
34	MP1C	Mx	-.000566	2.5
35	MP2A	Z	-2.532	2.5
36	MP2A	Mx	0	2.5
37	MP2B	Z	-2.532	2.5
38	MP2B	Mx	-.00097	2.5
39	MP2C	Z	-2.532	2.5
40	MP2C	Mx	.001	2.5
41	MP3A	Z	-2.109	2.5
42	MP3A	Mx	0	2.5
43	MP3B	Z	-2.109	2.5
44	MP3B	Mx	-.000808	2.5
45	MP3C	Z	-2.109	2.5
46	MP3C	Mx	.000913	2.5
47	M104	Z	-.96	1.5
48	M104	Mx	0	1.5
49	MP2A	Z	-.6	.5
50	MP2A	Mx	-.00035	.5
51	MP2A	Z	-.6	5.5
52	MP2A	Mx	-.00035	5.5
53	MP2B	Z	-.6	.5
54	MP2B	Mx	.000455	.5
55	MP2B	Z	-.6	5.5
56	MP2B	Mx	.000455	5.5
57	MP2C	Z	-.6	.5
58	MP2C	Mx	-8.5e-5	.5
59	MP2C	Z	-.6	5.5
60	MP2C	Mx	-8.5e-5	5.5
61	MP2A	Z	-.6	.5
62	MP2A	Mx	.00035	.5
63	MP2A	Z	-.6	5.5
64	MP2A	Mx	.00035	5.5
65	MP2B	Z	-.6	.5
66	MP2B	Mx	5e-6	.5
67	MP2B	Z	-.6	5.5
68	MP2B	Mx	5e-6	5.5
69	MP2C	Z	-.6	.5
70	MP2C	Mx	-.000435	.5
71	MP2C	Z	-.6	5.5
72	MP2C	Mx	-.000435	5.5
73	MP3A	Z	-.496	.5
74	MP3A	Mx	0	.5
75	MP3A	Z	-.496	5.5
76	MP3A	Mx	0	5.5
77	MP3B	Z	-.496	.5
78	MP3B	Mx	.00019	.5
79	MP3B	Z	-.496	5.5
80	MP3B	Mx	.00019	5.5
81	MP3C	Z	-.496	.5
82	MP3C	Mx	-.000215	.5
83	MP3C	Z	-.496	5.5
84	MP3C	Mx	-.000215	5.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
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Member Point Loads (BLC 83 : Antenna Eh (90 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	X	.264	4.5
2	MP2A	Mx	.000264	4.5
3	MP2A	X	.264	5.5
4	MP2A	Mx	.000264	5.5
5	MP2A	X	.264	4.5
6	MP2A	Mx	.000264	4.5
7	MP2A	X	.264	5.5
8	MP2A	Mx	.000264	5.5
9	MP2B	X	.264	4.5
10	MP2B	Mx	.000264	4.5
11	MP2B	X	.264	5.5
12	MP2B	Mx	.000264	5.5
13	MP2B	X	.264	4.5
14	MP2B	Mx	.000264	4.5
15	MP2B	X	.264	5.5
16	MP2B	Mx	.000264	5.5
17	MP1A	X	.132	4.5
18	MP1A	Mx	-6.6e-5	4.5
19	MP1B	X	.132	4.5
20	MP1B	Mx	4.2e-5	4.5
21	MP1C	X	.132	4.5
22	MP1C	Mx	3.3e-5	4.5
23	MP1A	X	1.306	.5
24	MP1A	Mx	-.000653	.5
25	MP1A	X	1.306	2.5
26	MP1A	Mx	-.000653	2.5
27	MP1B	X	1.306	.5
28	MP1B	Mx	.00042	.5
29	MP1B	X	1.306	2.5
30	MP1B	Mx	.00042	2.5
31	MP1C	X	1.306	.5
32	MP1C	Mx	.000327	.5
33	MP1C	X	1.306	2.5
34	MP1C	Mx	.000327	2.5
35	MP2A	X	2.532	2.5
36	MP2A	Mx	.001	2.5
37	MP2B	X	2.532	2.5
38	MP2B	Mx	-.000814	2.5
39	MP2C	X	2.532	2.5
40	MP2C	Mx	-.000633	2.5
41	MP3A	X	2.109	2.5
42	MP3A	Mx	.001	2.5
43	MP3B	X	2.109	2.5
44	MP3B	Mx	-.000678	2.5
45	MP3C	X	2.109	2.5
46	MP3C	Mx	-.000527	2.5
47	M104	X	.96	1.5
48	M104	Mx	0	1.5
49	MP2A	X	.6	.5
50	MP2A	Mx	-.0003	.5
51	MP2A	X	.6	5.5
52	MP2A	Mx	-.0003	5.5
53	MP2B	X	.6	.5
54	MP2B	Mx	-7.5e-5	.5
55	MP2B	X	.6	5.5
56	MP2B	Mx	-7.5e-5	5.5
57	MP2C	X	.6	.5
58	MP2C	Mx	.000453	.5
59	MP2C	X	.6	5.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
60	MP2C	Mx	.000453	5.5
61	MP2A	X	.6	.5
62	MP2A	Mx	-.0003	.5
63	MP2A	X	.6	5.5
64	MP2A	Mx	-.0003	5.5
65	MP2B	X	.6	.5
66	MP2B	Mx	.000461	.5
67	MP2B	X	.6	5.5
68	MP2B	Mx	.000461	5.5
69	MP2C	X	.6	.5
70	MP2C	Mx	-.000153	.5
71	MP2C	X	.6	5.5
72	MP2C	Mx	-.000153	5.5
73	MP3A	X	.496	.5
74	MP3A	Mx	-.000248	.5
75	MP3A	X	.496	5.5
76	MP3A	Mx	-.000248	5.5
77	MP3B	X	.496	.5
78	MP3B	Mx	.00016	.5
79	MP3B	X	.496	5.5
80	MP3B	Mx	.00016	5.5
81	MP3C	X	.496	.5
82	MP3C	Mx	.000124	.5
83	MP3C	X	.496	5.5
84	MP3C	Mx	.000124	5.5

Member Distributed Loads (BLC 40 : Structure Di)

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft....	Start Location[ft.%]	End Location[ft.%]
1	M4	Y	-15.77	-15.77	0	%100
2	M10	Y	-12.756	-12.756	0	%100
3	M43	Y	-12.756	-12.756	0	%100
4	M46	Y	-16.545	-16.545	0	%100
5	M51B	Y	-9.743	-9.743	0	%100
6	M52B	Y	-9.743	-9.743	0	%100
7	M76	Y	-16.526	-16.526	0	%100
8	M77	Y	-16.526	-16.526	0	%100
9	M80	Y	-16.545	-16.545	0	%100
10	M84	Y	-16.526	-16.526	0	%100
11	M85	Y	-16.526	-16.526	0	%100
12	M91	Y	-16.545	-16.545	0	%100
13	M25	Y	-15.77	-15.77	0	%100
14	M26	Y	-12.756	-12.756	0	%100
15	M27	Y	-12.756	-12.756	0	%100
16	M28	Y	-16.545	-16.545	0	%100
17	M31	Y	-9.743	-9.743	0	%100
18	M32	Y	-9.743	-9.743	0	%100
19	M36	Y	-16.526	-16.526	0	%100
20	M37	Y	-16.526	-16.526	0	%100
21	M39	Y	-16.545	-16.545	0	%100
22	M41	Y	-16.526	-16.526	0	%100
23	M42	Y	-16.526	-16.526	0	%100
24	M44	Y	-16.545	-16.545	0	%100
25	M49	Y	-15.77	-15.77	0	%100
26	M50A	Y	-12.756	-12.756	0	%100
27	M51C	Y	-12.756	-12.756	0	%100
28	M52A	Y	-16.545	-16.545	0	%100
29	M55	Y	-9.743	-9.743	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
30	M56	Y	-9.743	-9.743	0	%100
31	M60	Y	-16.526	-16.526	0	%100
32	M61	Y	-16.526	-16.526	0	%100
33	M63	Y	-16.545	-16.545	0	%100
34	M65	Y	-16.526	-16.526	0	%100
35	M66	Y	-16.526	-16.526	0	%100
36	M68	Y	-16.545	-16.545	0	%100
37	M73	Y	-11.174	-11.174	0	%100
38	M74	Y	-11.174	-11.174	0	%100
39	M75	Y	-11.174	-11.174	0	%100
40	M76A	Y	-10.538	-10.538	0	%100
41	M77A	Y	-10.538	-10.538	0	%100
42	M78	Y	-10.538	-10.538	0	%100
43	MP1A	Y	-8.777	-8.777	0	%100
44	MP2A	Y	-8.777	-8.777	0	%100
45	MP3A	Y	-8.777	-8.777	0	%100
46	MP4A	Y	-8.777	-8.777	0	%100
47	MP1C	Y	-8.777	-8.777	0	%100
48	MP2C	Y	-8.777	-8.777	0	%100
49	MP3C	Y	-8.777	-8.777	0	%100
50	MP4C	Y	-8.777	-8.777	0	%100
51	MP1B	Y	-8.777	-8.777	0	%100
52	MP2B	Y	-8.777	-8.777	0	%100
53	MP3B	Y	-8.777	-8.777	0	%100
54	MP4B	Y	-8.777	-8.777	0	%100
55	M104	Y	-8.777	-8.777	0	%100
56	M105	Y	-9.842	-9.842	0	%100
57	M106	Y	-9.842	-9.842	0	%100
58	M107	Y	-9.842	-9.842	0	%100
59	M114	Y	-12.756	-12.756	0	%100
60	M125A	Y	-12.756	-12.756	0	%100
61	M128A	Y	-12.756	-12.756	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
1	M4	X	0	0	0	%100
2	M4	Z	0	0	0	%100
3	M10	X	0	0	0	%100
4	M10	Z	-15.953	-15.953	0	%100
5	M43	X	0	0	0	%100
6	M43	Z	-15.953	-15.953	0	%100
7	M46	X	0	0	0	%100
8	M46	Z	-25.812	-25.812	0	%100
9	M51B	X	0	0	0	%100
10	M51B	Z	-3.583	-3.583	0	%100
11	M52B	X	0	0	0	%100
12	M52B	Z	-3.583	-3.583	0	%100
13	M76	X	0	0	0	%100
14	M76	Z	0	0	0	%100
15	M77	X	0	0	0	%100
16	M77	Z	-6.573	-6.573	0	%100
17	M80	X	0	0	0	%100
18	M80	Z	-6.923	-6.923	0	%100
19	M84	X	0	0	0	%100
20	M84	Z	0	0	0	%100
21	M85	X	0	0	0	%100
22	M85	Z	-6.573	-6.573	0	%100
23	M91	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude/lb/ft....	End Magnitude/lb/ft....	Start Location[ft.%]	End Location[ft.%]
24	M91	Z	-6.923	-6.923	0	%100
25	M25	X	0	0	0	%100
26	M25	Z	-11.47	-11.47	0	%100
27	M26	X	0	0	0	%100
28	M26	Z	-3.988	-3.988	0	%100
29	M27	X	0	0	0	%100
30	M27	Z	-3.988	-3.988	0	%100
31	M28	X	0	0	0	%100
32	M28	Z	-6.453	-6.453	0	%100
33	M31	X	0	0	0	%100
34	M31	Z	-3.583	-3.583	0	%100
35	M32	X	0	0	0	%100
36	M32	Z	-14.333	-14.333	0	%100
37	M36	X	0	0	0	%100
38	M36	Z	-19.359	-19.359	0	%100
39	M37	X	0	0	0	%100
40	M37	Z	-6.573	-6.573	0	%100
41	M39	X	0	0	0	%100
42	M39	Z	-6.923	-6.923	0	%100
43	M41	X	0	0	0	%100
44	M41	Z	-19.359	-19.359	0	%100
45	M42	X	0	0	0	%100
46	M42	Z	-26.29	-26.29	0	%100
47	M44	X	0	0	0	%100
48	M44	Z	-27.691	-27.691	0	%100
49	M49	X	0	0	0	%100
50	M49	Z	-11.47	-11.47	0	%100
51	M50A	X	0	0	0	%100
52	M50A	Z	-3.988	-3.988	0	%100
53	M51C	X	0	0	0	%100
54	M51C	Z	-3.988	-3.988	0	%100
55	M52A	X	0	0	0	%100
56	M52A	Z	-6.453	-6.453	0	%100
57	M55	X	0	0	0	%100
58	M55	Z	-14.333	-14.333	0	%100
59	M56	X	0	0	0	%100
60	M56	Z	-3.583	-3.583	0	%100
61	M60	X	0	0	0	%100
62	M60	Z	-19.359	-19.359	0	%100
63	M61	X	0	0	0	%100
64	M61	Z	-26.29	-26.29	0	%100
65	M63	X	0	0	0	%100
66	M63	Z	-27.691	-27.691	0	%100
67	M65	X	0	0	0	%100
68	M65	Z	-19.359	-19.359	0	%100
69	M66	X	0	0	0	%100
70	M66	Z	-6.573	-6.573	0	%100
71	M68	X	0	0	0	%100
72	M68	Z	-6.923	-6.923	0	%100
73	M73	X	0	0	0	%100
74	M73	Z	-14.361	-14.361	0	%100
75	M74	X	0	0	0	%100
76	M74	Z	-3.59	-3.59	0	%100
77	M75	X	0	0	0	%100
78	M75	Z	-3.59	-3.59	0	%100
79	M76A	X	0	0	0	%100
80	M76A	Z	-14.014	-14.014	0	%100
81	M77A	X	0	0	0	%100
82	M77A	Z	-14.014	-14.014	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft, %]	End Location[ft, %]
83	M78	X	0	0	0	%100
84	M78	Z	-4.746	-4.746	0	%100
85	MP1A	X	0	0	0	%100
86	MP1A	Z	-10.217	-10.217	0	%100
87	MP2A	X	0	0	0	%100
88	MP2A	Z	-10.217	-10.217	0	%100
89	MP3A	X	0	0	0	%100
90	MP3A	Z	-10.217	-10.217	0	%100
91	MP4A	X	0	0	0	%100
92	MP4A	Z	-10.217	-10.217	0	%100
93	MP1C	X	0	0	0	%100
94	MP1C	Z	-10.217	-10.217	0	%100
95	MP2C	X	0	0	0	%100
96	MP2C	Z	-10.217	-10.217	0	%100
97	MP3C	X	0	0	0	%100
98	MP3C	Z	-10.217	-10.217	0	%100
99	MP4C	X	0	0	0	%100
100	MP4C	Z	-10.217	-10.217	0	%100
101	MP1B	X	0	0	0	%100
102	MP1B	Z	-10.217	-10.217	0	%100
103	MP2B	X	0	0	0	%100
104	MP2B	Z	-10.217	-10.217	0	%100
105	MP3B	X	0	0	0	%100
106	MP3B	Z	-10.217	-10.217	0	%100
107	MP4B	X	0	0	0	%100
108	MP4B	Z	-10.217	-10.217	0	%100
109	M104	X	0	0	0	%100
110	M104	Z	-8.355	-8.355	0	%100
111	M105	X	0	0	0	%100
112	M105	Z	-12.368	-12.368	0	%100
113	M106	X	0	0	0	%100
114	M106	Z	-3.092	-3.092	0	%100
115	M107	X	0	0	0	%100
116	M107	Z	-3.092	-3.092	0	%100
117	M114	X	0	0	0	%100
118	M114	Z	-3.892	-3.892	0	%100
119	M125A	X	0	0	0	%100
120	M125A	Z	-3.892	-3.892	0	%100
121	M128A	X	0	0	0	%100
122	M128A	Z	-15.566	-15.566	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft, %]	End Location[ft, %]
1	M4	X	1.912	1.912	0	%100
2	M4	Z	-3.311	-3.311	0	%100
3	M10	X	5.983	5.983	0	%100
4	M10	Z	-10.362	-10.362	0	%100
5	M43	X	5.983	5.983	0	%100
6	M43	Z	-10.362	-10.362	0	%100
7	M46	X	9.68	9.68	0	%100
8	M46	Z	-16.765	-16.765	0	%100
9	M51B	X	5.375	5.375	0	%100
10	M51B	Z	-9.31	-9.31	0	%100
11	M52B	X	0	0	0	%100
12	M52B	Z	0	0	0	%100
13	M76	X	3.227	3.227	0	%100
14	M76	Z	-5.588	-5.588	0	%100
15	M77	X	9.859	9.859	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
16	M77	Z	-17.076	-17.076	0	%100
17	M80	X	10.384	10.384	0	%100
18	M80	Z	-17.986	-17.986	0	%100
19	M84	X	3.227	3.227	0	%100
20	M84	Z	-5.588	-5.588	0	%100
21	M85	X	0	0	0	%100
22	M85	Z	0	0	0	%100
23	M91	X	0	0	0	%100
24	M91	Z	0	0	0	%100
25	M25	X	1.912	1.912	0	%100
26	M25	Z	-3.311	-3.311	0	%100
27	M26	X	5.983	5.983	0	%100
28	M26	Z	-10.362	-10.362	0	%100
29	M27	X	5.983	5.983	0	%100
30	M27	Z	-10.362	-10.362	0	%100
31	M28	X	9.68	9.68	0	%100
32	M28	Z	-16.765	-16.765	0	%100
33	M31	X	0	0	0	%100
34	M31	Z	0	0	0	%100
35	M32	X	5.375	5.375	0	%100
36	M32	Z	-9.31	-9.31	0	%100
37	M36	X	3.227	3.227	0	%100
38	M36	Z	-5.588	-5.588	0	%100
39	M37	X	0	0	0	%100
40	M37	Z	0	0	0	%100
41	M39	X	0	0	0	%100
42	M39	Z	0	0	0	%100
43	M41	X	3.227	3.227	0	%100
44	M41	Z	-5.588	-5.588	0	%100
45	M42	X	9.859	9.859	0	%100
46	M42	Z	-17.076	-17.076	0	%100
47	M44	X	10.384	10.384	0	%100
48	M44	Z	-17.986	-17.986	0	%100
49	M49	X	7.647	7.647	0	%100
50	M49	Z	-13.245	-13.245	0	%100
51	M50A	X	0	0	0	%100
52	M50A	Z	0	0	0	%100
53	M51C	X	0	0	0	%100
54	M51C	Z	0	0	0	%100
55	M52A	X	0	0	0	%100
56	M52A	Z	0	0	0	%100
57	M55	X	5.375	5.375	0	%100
58	M55	Z	-9.31	-9.31	0	%100
59	M56	X	5.375	5.375	0	%100
60	M56	Z	-9.31	-9.31	0	%100
61	M60	X	12.906	12.906	0	%100
62	M60	Z	-22.354	-22.354	0	%100
63	M61	X	9.859	9.859	0	%100
64	M61	Z	-17.076	-17.076	0	%100
65	M63	X	10.384	10.384	0	%100
66	M63	Z	-17.986	-17.986	0	%100
67	M65	X	12.906	12.906	0	%100
68	M65	Z	-22.354	-22.354	0	%100
69	M66	X	9.859	9.859	0	%100
70	M66	Z	-17.076	-17.076	0	%100
71	M68	X	10.384	10.384	0	%100
72	M68	Z	-17.986	-17.986	0	%100
73	M73	X	5.385	5.385	0	%100
74	M73	Z	-9.328	-9.328	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft....	Start Location[ft, %]	End Location[ft, %]
75	M74	X	5.385	5.385	0	%100
76	M74	Z	-9.328	-9.328	0	%100
77	M75	X	0	0	0	%100
78	M75	Z	0	0	0	%100
79	M76A	X	3.918	3.918	0	%100
80	M76A	Z	-6.785	-6.785	0	%100
81	M77A	X	8.552	8.552	0	%100
82	M77A	Z	-14.812	-14.812	0	%100
83	M78	X	3.918	3.918	0	%100
84	M78	Z	-6.785	-6.785	0	%100
85	MP1A	X	5.109	5.109	0	%100
86	MP1A	Z	-8.848	-8.848	0	%100
87	MP2A	X	5.109	5.109	0	%100
88	MP2A	Z	-8.848	-8.848	0	%100
89	MP3A	X	5.109	5.109	0	%100
90	MP3A	Z	-8.848	-8.848	0	%100
91	MP4A	X	5.109	5.109	0	%100
92	MP4A	Z	-8.848	-8.848	0	%100
93	MP1C	X	5.109	5.109	0	%100
94	MP1C	Z	-8.848	-8.848	0	%100
95	MP2C	X	5.109	5.109	0	%100
96	MP2C	Z	-8.848	-8.848	0	%100
97	MP3C	X	5.109	5.109	0	%100
98	MP3C	Z	-8.848	-8.848	0	%100
99	MP4C	X	5.109	5.109	0	%100
100	MP4C	Z	-8.848	-8.848	0	%100
101	MP1B	X	5.109	5.109	0	%100
102	MP1B	Z	-8.848	-8.848	0	%100
103	MP2B	X	5.109	5.109	0	%100
104	MP2B	Z	-8.848	-8.848	0	%100
105	MP3B	X	5.109	5.109	0	%100
106	MP3B	Z	-8.848	-8.848	0	%100
107	MP4B	X	5.109	5.109	0	%100
108	MP4B	Z	-8.848	-8.848	0	%100
109	M104	X	4.178	4.178	0	%100
110	M104	Z	-7.236	-7.236	0	%100
111	M105	X	4.638	4.638	0	%100
112	M105	Z	-8.033	-8.033	0	%100
113	M106	X	4.638	4.638	0	%100
114	M106	Z	-8.033	-8.033	0	%100
115	M107	X	0	0	0	%100
116	M107	Z	0	0	0	%100
117	M114	X	5.837	5.837	0	%100
118	M114	Z	-10.111	-10.111	0	%100
119	M125A	X	0	0	0	%100
120	M125A	Z	0	0	0	%100
121	M128A	X	5.837	5.837	0	%100
122	M128A	Z	-10.111	-10.111	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft....	Start Location[ft, %]	End Location[ft, %]
1	M4	X	9.933	9.933	0	%100
2	M4	Z	-5.735	-5.735	0	%100
3	M10	X	3.454	3.454	0	%100
4	M10	Z	-1.994	-1.994	0	%100
5	M43	X	3.454	3.454	0	%100
6	M43	Z	-1.994	-1.994	0	%100
7	M46	X	5.588	5.588	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
8	M46	Z	-3.227	-3.227	0	%100
9	M51B	X	12.413	12.413	0	%100
10	M51B	Z	-7.167	-7.167	0	%100
11	M52B	X	3.103	3.103	0	%100
12	M52B	Z	-1.792	-1.792	0	%100
13	M76	X	16.765	16.765	0	%100
14	M76	Z	-9.68	-9.68	0	%100
15	M77	X	22.768	22.768	0	%100
16	M77	Z	-13.145	-13.145	0	%100
17	M80	X	23.981	23.981	0	%100
18	M80	Z	-13.845	-13.845	0	%100
19	M84	X	16.765	16.765	0	%100
20	M84	Z	-9.68	-9.68	0	%100
21	M85	X	5.692	5.692	0	%100
22	M85	Z	-3.286	-3.286	0	%100
23	M91	X	5.995	5.995	0	%100
24	M91	Z	-3.461	-3.461	0	%100
25	M25	X	0	0	0	%100
26	M25	Z	0	0	0	%100
27	M26	X	13.816	13.816	0	%100
28	M26	Z	-7.977	-7.977	0	%100
29	M27	X	13.816	13.816	0	%100
30	M27	Z	-7.977	-7.977	0	%100
31	M28	X	22.354	22.354	0	%100
32	M28	Z	-12.906	-12.906	0	%100
33	M31	X	3.103	3.103	0	%100
34	M31	Z	-1.792	-1.792	0	%100
35	M32	X	3.103	3.103	0	%100
36	M32	Z	-1.792	-1.792	0	%100
37	M36	X	0	0	0	%100
38	M36	Z	0	0	0	%100
39	M37	X	5.692	5.692	0	%100
40	M37	Z	-3.286	-3.286	0	%100
41	M39	X	5.995	5.995	0	%100
42	M39	Z	-3.461	-3.461	0	%100
43	M41	X	0	0	0	%100
44	M41	Z	0	0	0	%100
45	M42	X	5.692	5.692	0	%100
46	M42	Z	-3.286	-3.286	0	%100
47	M44	X	5.995	5.995	0	%100
48	M44	Z	-3.461	-3.461	0	%100
49	M49	X	9.933	9.933	0	%100
50	M49	Z	-5.735	-5.735	0	%100
51	M50A	X	3.454	3.454	0	%100
52	M50A	Z	-1.994	-1.994	0	%100
53	M51C	X	3.454	3.454	0	%100
54	M51C	Z	-1.994	-1.994	0	%100
55	M52A	X	5.588	5.588	0	%100
56	M52A	Z	-3.227	-3.227	0	%100
57	M55	X	3.103	3.103	0	%100
58	M55	Z	-1.792	-1.792	0	%100
59	M56	X	12.413	12.413	0	%100
60	M56	Z	-7.167	-7.167	0	%100
61	M60	X	16.765	16.765	0	%100
62	M60	Z	-9.68	-9.68	0	%100
63	M61	X	5.692	5.692	0	%100
64	M61	Z	-3.286	-3.286	0	%100
65	M63	X	5.995	5.995	0	%100
66	M63	Z	-3.461	-3.461	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
67	M65	X	16.765	16.765	0	%100
68	M65	Z	-9.68	-9.68	0	%100
69	M66	X	22.768	22.768	0	%100
70	M66	Z	-13.145	-13.145	0	%100
71	M68	X	23.981	23.981	0	%100
72	M68	Z	-13.845	-13.845	0	%100
73	M73	X	3.109	3.109	0	%100
74	M73	Z	-1.795	-1.795	0	%100
75	M74	X	12.437	12.437	0	%100
76	M74	Z	-7.181	-7.181	0	%100
77	M75	X	3.109	3.109	0	%100
78	M75	Z	-1.795	-1.795	0	%100
79	M76A	X	4.11	4.11	0	%100
80	M76A	Z	-2.373	-2.373	0	%100
81	M77A	X	12.137	12.137	0	%100
82	M77A	Z	-7.007	-7.007	0	%100
83	M78	X	12.137	12.137	0	%100
84	M78	Z	-7.007	-7.007	0	%100
85	MP1A	X	8.848	8.848	0	%100
86	MP1A	Z	-5.109	-5.109	0	%100
87	MP2A	X	8.848	8.848	0	%100
88	MP2A	Z	-5.109	-5.109	0	%100
89	MP3A	X	8.848	8.848	0	%100
90	MP3A	Z	-5.109	-5.109	0	%100
91	MP4A	X	8.848	8.848	0	%100
92	MP4A	Z	-5.109	-5.109	0	%100
93	MP1C	X	8.848	8.848	0	%100
94	MP1C	Z	-5.109	-5.109	0	%100
95	MP2C	X	8.848	8.848	0	%100
96	MP2C	Z	-5.109	-5.109	0	%100
97	MP3C	X	8.848	8.848	0	%100
98	MP3C	Z	-5.109	-5.109	0	%100
99	MP4C	X	8.848	8.848	0	%100
100	MP4C	Z	-5.109	-5.109	0	%100
101	MP1B	X	8.848	8.848	0	%100
102	MP1B	Z	-5.109	-5.109	0	%100
103	MP2B	X	8.848	8.848	0	%100
104	MP2B	Z	-5.109	-5.109	0	%100
105	MP3B	X	8.848	8.848	0	%100
106	MP3B	Z	-5.109	-5.109	0	%100
107	MP4B	X	8.848	8.848	0	%100
108	MP4B	Z	-5.109	-5.109	0	%100
109	M104	X	7.236	7.236	0	%100
110	M104	Z	-4.178	-4.178	0	%100
111	M105	X	2.678	2.678	0	%100
112	M105	Z	-1.546	-1.546	0	%100
113	M106	X	10.711	10.711	0	%100
114	M106	Z	-6.184	-6.184	0	%100
115	M107	X	2.678	2.678	0	%100
116	M107	Z	-1.546	-1.546	0	%100
117	M114	X	13.481	13.481	0	%100
118	M114	Z	-7.783	-7.783	0	%100
119	M125A	X	3.37	3.37	0	%100
120	M125A	Z	-1.946	-1.946	0	%100
121	M128A	X	3.37	3.37	0	%100
122	M128A	Z	-1.946	-1.946	0	%100

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

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
1	M4	X	15.294	15.294	0	%100
2	M4	Z	0	0	0	%100
3	M10	X	0	0	0	%100
4	M10	Z	0	0	0	%100
5	M43	X	0	0	0	%100
6	M43	Z	0	0	0	%100
7	M46	X	0	0	0	%100
8	M46	Z	0	0	0	%100
9	M51B	X	10.75	10.75	0	%100
10	M51B	Z	0	0	0	%100
11	M52B	X	10.75	10.75	0	%100
12	M52B	Z	0	0	0	%100
13	M76	X	25.812	25.812	0	%100
14	M76	Z	0	0	0	%100
15	M77	X	19.718	19.718	0	%100
16	M77	Z	0	0	0	%100
17	M80	X	20.768	20.768	0	%100
18	M80	Z	0	0	0	%100
19	M84	X	25.812	25.812	0	%100
20	M84	Z	0	0	0	%100
21	M85	X	19.718	19.718	0	%100
22	M85	Z	0	0	0	%100
23	M91	X	20.768	20.768	0	%100
24	M91	Z	0	0	0	%100
25	M25	X	3.823	3.823	0	%100
26	M25	Z	0	0	0	%100
27	M26	X	11.965	11.965	0	%100
28	M26	Z	0	0	0	%100
29	M27	X	11.965	11.965	0	%100
30	M27	Z	0	0	0	%100
31	M28	X	19.359	19.359	0	%100
32	M28	Z	0	0	0	%100
33	M31	X	10.75	10.75	0	%100
34	M31	Z	0	0	0	%100
35	M32	X	0	0	0	%100
36	M32	Z	0	0	0	%100
37	M36	X	6.453	6.453	0	%100
38	M36	Z	0	0	0	%100
39	M37	X	19.718	19.718	0	%100
40	M37	Z	0	0	0	%100
41	M39	X	20.768	20.768	0	%100
42	M39	Z	0	0	0	%100
43	M41	X	6.453	6.453	0	%100
44	M41	Z	0	0	0	%100
45	M42	X	0	0	0	%100
46	M42	Z	0	0	0	%100
47	M44	X	0	0	0	%100
48	M44	Z	0	0	0	%100
49	M49	X	3.823	3.823	0	%100
50	M49	Z	0	0	0	%100
51	M50A	X	11.965	11.965	0	%100
52	M50A	Z	0	0	0	%100
53	M51C	X	11.965	11.965	0	%100
54	M51C	Z	0	0	0	%100
55	M52A	X	19.359	19.359	0	%100
56	M52A	Z	0	0	0	%100
57	M55	X	0	0	0	%100
58	M55	Z	0	0	0	%100
59	M56	X	10.75	10.75	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
60	M56	Z	0	0	0	%100
61	M60	X	6.453	6.453	0	%100
62	M60	Z	0	0	0	%100
63	M61	X	0	0	0	%100
64	M61	Z	0	0	0	%100
65	M63	X	0	0	0	%100
66	M63	Z	0	0	0	%100
67	M65	X	6.453	6.453	0	%100
68	M65	Z	0	0	0	%100
69	M66	X	19.718	19.718	0	%100
70	M66	Z	0	0	0	%100
71	M68	X	20.768	20.768	0	%100
72	M68	Z	0	0	0	%100
73	M73	X	0	0	0	%100
74	M73	Z	0	0	0	%100
75	M74	X	10.771	10.771	0	%100
76	M74	Z	0	0	0	%100
77	M75	X	10.771	10.771	0	%100
78	M75	Z	0	0	0	%100
79	M76A	X	7.835	7.835	0	%100
80	M76A	Z	0	0	0	%100
81	M77A	X	7.835	7.835	0	%100
82	M77A	Z	0	0	0	%100
83	M78	X	17.104	17.104	0	%100
84	M78	Z	0	0	0	%100
85	MP1A	X	10.217	10.217	0	%100
86	MP1A	Z	0	0	0	%100
87	MP2A	X	10.217	10.217	0	%100
88	MP2A	Z	0	0	0	%100
89	MP3A	X	10.217	10.217	0	%100
90	MP3A	Z	0	0	0	%100
91	MP4A	X	10.217	10.217	0	%100
92	MP4A	Z	0	0	0	%100
93	MP1C	X	10.217	10.217	0	%100
94	MP1C	Z	0	0	0	%100
95	MP2C	X	10.217	10.217	0	%100
96	MP2C	Z	0	0	0	%100
97	MP3C	X	10.217	10.217	0	%100
98	MP3C	Z	0	0	0	%100
99	MP4C	X	10.217	10.217	0	%100
100	MP4C	Z	0	0	0	%100
101	MP1B	X	10.217	10.217	0	%100
102	MP1B	Z	0	0	0	%100
103	MP2B	X	10.217	10.217	0	%100
104	MP2B	Z	0	0	0	%100
105	MP3B	X	10.217	10.217	0	%100
106	MP3B	Z	0	0	0	%100
107	MP4B	X	10.217	10.217	0	%100
108	MP4B	Z	0	0	0	%100
109	M104	X	8.355	8.355	0	%100
110	M104	Z	0	0	0	%100
111	M105	X	0	0	0	%100
112	M105	Z	0	0	0	%100
113	M106	X	9.276	9.276	0	%100
114	M106	Z	0	0	0	%100
115	M107	X	9.276	9.276	0	%100
116	M107	Z	0	0	0	%100
117	M114	X	11.675	11.675	0	%100
118	M114	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft,%]	End Location[ft,%]
119	M125A	X	11.675	11.675	0	%100
120	M125A	Z	0	0	0	%100
121	M128A	X	0	0	0	%100
122	M128A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft,%]	End Location[ft,%]
1	M4	X	9.933	9.933	0	%100
2	M4	Z	5.735	5.735	0	%100
3	M10	X	3.454	3.454	0	%100
4	M10	Z	1.994	1.994	0	%100
5	M43	X	3.454	3.454	0	%100
6	M43	Z	1.994	1.994	0	%100
7	M46	X	5.588	5.588	0	%100
8	M46	Z	3.227	3.227	0	%100
9	M51B	X	3.103	3.103	0	%100
10	M51B	Z	1.792	1.792	0	%100
11	M52B	X	12.413	12.413	0	%100
12	M52B	Z	7.167	7.167	0	%100
13	M76	X	16.765	16.765	0	%100
14	M76	Z	9.68	9.68	0	%100
15	M77	X	5.692	5.692	0	%100
16	M77	Z	3.286	3.286	0	%100
17	M80	X	5.995	5.995	0	%100
18	M80	Z	3.461	3.461	0	%100
19	M84	X	16.765	16.765	0	%100
20	M84	Z	9.68	9.68	0	%100
21	M85	X	22.768	22.768	0	%100
22	M85	Z	13.145	13.145	0	%100
23	M91	X	23.981	23.981	0	%100
24	M91	Z	13.845	13.845	0	%100
25	M25	X	9.933	9.933	0	%100
26	M25	Z	5.735	5.735	0	%100
27	M26	X	3.454	3.454	0	%100
28	M26	Z	1.994	1.994	0	%100
29	M27	X	3.454	3.454	0	%100
30	M27	Z	1.994	1.994	0	%100
31	M28	X	5.588	5.588	0	%100
32	M28	Z	3.227	3.227	0	%100
33	M31	X	12.413	12.413	0	%100
34	M31	Z	7.167	7.167	0	%100
35	M32	X	3.103	3.103	0	%100
36	M32	Z	1.792	1.792	0	%100
37	M36	X	16.765	16.765	0	%100
38	M36	Z	9.68	9.68	0	%100
39	M37	X	22.768	22.768	0	%100
40	M37	Z	13.145	13.145	0	%100
41	M39	X	23.981	23.981	0	%100
42	M39	Z	13.845	13.845	0	%100
43	M41	X	16.765	16.765	0	%100
44	M41	Z	9.68	9.68	0	%100
45	M42	X	5.692	5.692	0	%100
46	M42	Z	3.286	3.286	0	%100
47	M44	X	5.995	5.995	0	%100
48	M44	Z	3.461	3.461	0	%100
49	M49	X	0	0	0	%100
50	M49	Z	0	0	0	%100
51	M50A	X	13.816	13.816	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
52	M50A	Z	7.977	7.977	0	%100
53	M51C	X	13.816	13.816	0	%100
54	M51C	Z	7.977	7.977	0	%100
55	M52A	X	22.354	22.354	0	%100
56	M52A	Z	12.906	12.906	0	%100
57	M55	X	3.103	3.103	0	%100
58	M55	Z	1.792	1.792	0	%100
59	M56	X	3.103	3.103	0	%100
60	M56	Z	1.792	1.792	0	%100
61	M60	X	0	0	0	%100
62	M60	Z	0	0	0	%100
63	M61	X	5.692	5.692	0	%100
64	M61	Z	3.286	3.286	0	%100
65	M63	X	5.995	5.995	0	%100
66	M63	Z	3.461	3.461	0	%100
67	M65	X	0	0	0	%100
68	M65	Z	0	0	0	%100
69	M66	X	5.692	5.692	0	%100
70	M66	Z	3.286	3.286	0	%100
71	M68	X	5.995	5.995	0	%100
72	M68	Z	3.461	3.461	0	%100
73	M73	X	3.109	3.109	0	%100
74	M73	Z	1.795	1.795	0	%100
75	M74	X	3.109	3.109	0	%100
76	M74	Z	1.795	1.795	0	%100
77	M75	X	12.437	12.437	0	%100
78	M75	Z	7.181	7.181	0	%100
79	M76A	X	12.137	12.137	0	%100
80	M76A	Z	7.007	7.007	0	%100
81	M77A	X	4.11	4.11	0	%100
82	M77A	Z	2.373	2.373	0	%100
83	M78	X	12.137	12.137	0	%100
84	M78	Z	7.007	7.007	0	%100
85	MP1A	X	8.848	8.848	0	%100
86	MP1A	Z	5.109	5.109	0	%100
87	MP2A	X	8.848	8.848	0	%100
88	MP2A	Z	5.109	5.109	0	%100
89	MP3A	X	8.848	8.848	0	%100
90	MP3A	Z	5.109	5.109	0	%100
91	MP4A	X	8.848	8.848	0	%100
92	MP4A	Z	5.109	5.109	0	%100
93	MP1C	X	8.848	8.848	0	%100
94	MP1C	Z	5.109	5.109	0	%100
95	MP2C	X	8.848	8.848	0	%100
96	MP2C	Z	5.109	5.109	0	%100
97	MP3C	X	8.848	8.848	0	%100
98	MP3C	Z	5.109	5.109	0	%100
99	MP4C	X	8.848	8.848	0	%100
100	MP4C	Z	5.109	5.109	0	%100
101	MP1B	X	8.848	8.848	0	%100
102	MP1B	Z	5.109	5.109	0	%100
103	MP2B	X	8.848	8.848	0	%100
104	MP2B	Z	5.109	5.109	0	%100
105	MP3B	X	8.848	8.848	0	%100
106	MP3B	Z	5.109	5.109	0	%100
107	MP4B	X	8.848	8.848	0	%100
108	MP4B	Z	5.109	5.109	0	%100
109	M104	X	7.236	7.236	0	%100
110	M104	Z	4.178	4.178	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...]	End Magnitude[lb/ft,...]	Start Location[ft,%]	End Location[ft,%]
111	M105	X	2.678	2.678	0	%100
112	M105	Z	1.546	1.546	0	%100
113	M106	X	2.678	2.678	0	%100
114	M106	Z	1.546	1.546	0	%100
115	M107	X	10.711	10.711	0	%100
116	M107	Z	6.184	6.184	0	%100
117	M114	X	3.37	3.37	0	%100
118	M114	Z	1.946	1.946	0	%100
119	M125A	X	13.481	13.481	0	%100
120	M125A	Z	7.783	7.783	0	%100
121	M128A	X	3.37	3.37	0	%100
122	M128A	Z	1.946	1.946	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...]	End Magnitude[lb/ft,...]	Start Location[ft,%]	End Location[ft,%]
1	M4	X	1.912	1.912	0	%100
2	M4	Z	3.311	3.311	0	%100
3	M10	X	5.983	5.983	0	%100
4	M10	Z	10.362	10.362	0	%100
5	M43	X	5.983	5.983	0	%100
6	M43	Z	10.362	10.362	0	%100
7	M46	X	9.68	9.68	0	%100
8	M46	Z	16.765	16.765	0	%100
9	M51B	X	0	0	0	%100
10	M51B	Z	0	0	0	%100
11	M52B	X	5.375	5.375	0	%100
12	M52B	Z	9.31	9.31	0	%100
13	M76	X	3.227	3.227	0	%100
14	M76	Z	5.588	5.588	0	%100
15	M77	X	0	0	0	%100
16	M77	Z	0	0	0	%100
17	M80	X	0	0	0	%100
18	M80	Z	0	0	0	%100
19	M84	X	3.227	3.227	0	%100
20	M84	Z	5.588	5.588	0	%100
21	M85	X	9.859	9.859	0	%100
22	M85	Z	17.076	17.076	0	%100
23	M91	X	10.384	10.384	0	%100
24	M91	Z	17.986	17.986	0	%100
25	M25	X	7.647	7.647	0	%100
26	M25	Z	13.245	13.245	0	%100
27	M26	X	0	0	0	%100
28	M26	Z	0	0	0	%100
29	M27	X	0	0	0	%100
30	M27	Z	0	0	0	%100
31	M28	X	0	0	0	%100
32	M28	Z	0	0	0	%100
33	M31	X	5.375	5.375	0	%100
34	M31	Z	9.31	9.31	0	%100
35	M32	X	5.375	5.375	0	%100
36	M32	Z	9.31	9.31	0	%100
37	M36	X	12.906	12.906	0	%100
38	M36	Z	22.354	22.354	0	%100
39	M37	X	9.859	9.859	0	%100
40	M37	Z	17.076	17.076	0	%100
41	M39	X	10.384	10.384	0	%100
42	M39	Z	17.986	17.986	0	%100
43	M41	X	12.906	12.906	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
44	M41	Z	22.354	22.354	0	%100
45	M42	X	9.859	9.859	0	%100
46	M42	Z	17.076	17.076	0	%100
47	M44	X	10.384	10.384	0	%100
48	M44	Z	17.986	17.986	0	%100
49	M49	X	1.912	1.912	0	%100
50	M49	Z	3.311	3.311	0	%100
51	M50A	X	5.983	5.983	0	%100
52	M50A	Z	10.362	10.362	0	%100
53	M51C	X	5.983	5.983	0	%100
54	M51C	Z	10.362	10.362	0	%100
55	M52A	X	9.68	9.68	0	%100
56	M52A	Z	16.765	16.765	0	%100
57	M55	X	5.375	5.375	0	%100
58	M55	Z	9.31	9.31	0	%100
59	M56	X	0	0	0	%100
60	M56	Z	0	0	0	%100
61	M60	X	3.227	3.227	0	%100
62	M60	Z	5.588	5.588	0	%100
63	M61	X	9.859	9.859	0	%100
64	M61	Z	17.076	17.076	0	%100
65	M63	X	10.384	10.384	0	%100
66	M63	Z	17.986	17.986	0	%100
67	M65	X	3.227	3.227	0	%100
68	M65	Z	5.588	5.588	0	%100
69	M66	X	0	0	0	%100
70	M66	Z	0	0	0	%100
71	M68	X	0	0	0	%100
72	M68	Z	0	0	0	%100
73	M73	X	5.385	5.385	0	%100
74	M73	Z	9.328	9.328	0	%100
75	M74	X	0	0	0	%100
76	M74	Z	0	0	0	%100
77	M75	X	5.385	5.385	0	%100
78	M75	Z	9.328	9.328	0	%100
79	M76A	X	8.552	8.552	0	%100
80	M76A	Z	14.812	14.812	0	%100
81	M77A	X	3.918	3.918	0	%100
82	M77A	Z	6.785	6.785	0	%100
83	M78	X	3.918	3.918	0	%100
84	M78	Z	6.785	6.785	0	%100
85	MP1A	X	5.109	5.109	0	%100
86	MP1A	Z	8.848	8.848	0	%100
87	MP2A	X	5.109	5.109	0	%100
88	MP2A	Z	8.848	8.848	0	%100
89	MP3A	X	5.109	5.109	0	%100
90	MP3A	Z	8.848	8.848	0	%100
91	MP4A	X	5.109	5.109	0	%100
92	MP4A	Z	8.848	8.848	0	%100
93	MP1C	X	5.109	5.109	0	%100
94	MP1C	Z	8.848	8.848	0	%100
95	MP2C	X	5.109	5.109	0	%100
96	MP2C	Z	8.848	8.848	0	%100
97	MP3C	X	5.109	5.109	0	%100
98	MP3C	Z	8.848	8.848	0	%100
99	MP4C	X	5.109	5.109	0	%100
100	MP4C	Z	8.848	8.848	0	%100
101	MP1B	X	5.109	5.109	0	%100
102	MP1B	Z	8.848	8.848	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
103	MP2B	X	5.109	5.109	0	%100
104	MP2B	Z	8.848	8.848	0	%100
105	MP3B	X	5.109	5.109	0	%100
106	MP3B	Z	8.848	8.848	0	%100
107	MP4B	X	5.109	5.109	0	%100
108	MP4B	Z	8.848	8.848	0	%100
109	M104	X	4.178	4.178	0	%100
110	M104	Z	7.236	7.236	0	%100
111	M105	X	4.638	4.638	0	%100
112	M105	Z	8.033	8.033	0	%100
113	M106	X	0	0	0	%100
114	M106	Z	0	0	0	%100
115	M107	X	4.638	4.638	0	%100
116	M107	Z	8.033	8.033	0	%100
117	M114	X	0	0	0	%100
118	M114	Z	0	0	0	%100
119	M125A	X	5.837	5.837	0	%100
120	M125A	Z	10.111	10.111	0	%100
121	M128A	X	5.837	5.837	0	%100
122	M128A	Z	10.111	10.111	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
1	M4	X	0	0	0	%100
2	M4	Z	0	0	0	%100
3	M10	X	0	0	0	%100
4	M10	Z	15.953	15.953	0	%100
5	M43	X	0	0	0	%100
6	M43	Z	15.953	15.953	0	%100
7	M46	X	0	0	0	%100
8	M46	Z	25.812	25.812	0	%100
9	M51B	X	0	0	0	%100
10	M51B	Z	3.583	3.583	0	%100
11	M52B	X	0	0	0	%100
12	M52B	Z	3.583	3.583	0	%100
13	M76	X	0	0	0	%100
14	M76	Z	0	0	0	%100
15	M77	X	0	0	0	%100
16	M77	Z	6.573	6.573	0	%100
17	M80	X	0	0	0	%100
18	M80	Z	6.923	6.923	0	%100
19	M84	X	0	0	0	%100
20	M84	Z	0	0	0	%100
21	M85	X	0	0	0	%100
22	M85	Z	6.573	6.573	0	%100
23	M91	X	0	0	0	%100
24	M91	Z	6.923	6.923	0	%100
25	M25	X	0	0	0	%100
26	M25	Z	11.47	11.47	0	%100
27	M26	X	0	0	0	%100
28	M26	Z	3.988	3.988	0	%100
29	M27	X	0	0	0	%100
30	M27	Z	3.988	3.988	0	%100
31	M28	X	0	0	0	%100
32	M28	Z	6.453	6.453	0	%100
33	M31	X	0	0	0	%100
34	M31	Z	3.583	3.583	0	%100
35	M32	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
36	M32	Z	14.333	14.333	0	%100
37	M36	X	0	0	0	%100
38	M36	Z	19.359	19.359	0	%100
39	M37	X	0	0	0	%100
40	M37	Z	6.573	6.573	0	%100
41	M39	X	0	0	0	%100
42	M39	Z	6.923	6.923	0	%100
43	M41	X	0	0	0	%100
44	M41	Z	19.359	19.359	0	%100
45	M42	X	0	0	0	%100
46	M42	Z	26.29	26.29	0	%100
47	M44	X	0	0	0	%100
48	M44	Z	27.691	27.691	0	%100
49	M49	X	0	0	0	%100
50	M49	Z	11.47	11.47	0	%100
51	M50A	X	0	0	0	%100
52	M50A	Z	3.988	3.988	0	%100
53	M51C	X	0	0	0	%100
54	M51C	Z	3.988	3.988	0	%100
55	M52A	X	0	0	0	%100
56	M52A	Z	6.453	6.453	0	%100
57	M55	X	0	0	0	%100
58	M55	Z	14.333	14.333	0	%100
59	M56	X	0	0	0	%100
60	M56	Z	3.583	3.583	0	%100
61	M60	X	0	0	0	%100
62	M60	Z	19.359	19.359	0	%100
63	M61	X	0	0	0	%100
64	M61	Z	26.29	26.29	0	%100
65	M63	X	0	0	0	%100
66	M63	Z	27.691	27.691	0	%100
67	M65	X	0	0	0	%100
68	M65	Z	19.359	19.359	0	%100
69	M66	X	0	0	0	%100
70	M66	Z	6.573	6.573	0	%100
71	M68	X	0	0	0	%100
72	M68	Z	6.923	6.923	0	%100
73	M73	X	0	0	0	%100
74	M73	Z	14.361	14.361	0	%100
75	M74	X	0	0	0	%100
76	M74	Z	3.59	3.59	0	%100
77	M75	X	0	0	0	%100
78	M75	Z	3.59	3.59	0	%100
79	M76A	X	0	0	0	%100
80	M76A	Z	14.014	14.014	0	%100
81	M77A	X	0	0	0	%100
82	M77A	Z	14.014	14.014	0	%100
83	M78	X	0	0	0	%100
84	M78	Z	4.746	4.746	0	%100
85	MP1A	X	0	0	0	%100
86	MP1A	Z	10.217	10.217	0	%100
87	MP2A	X	0	0	0	%100
88	MP2A	Z	10.217	10.217	0	%100
89	MP3A	X	0	0	0	%100
90	MP3A	Z	10.217	10.217	0	%100
91	MP4A	X	0	0	0	%100
92	MP4A	Z	10.217	10.217	0	%100
93	MP1C	X	0	0	0	%100
94	MP1C	Z	10.217	10.217	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...]	End Magnitude[lb/ft,...]	Start Location[ft,%]	End Location[ft,%]
95	MP2C	X	0	0	0	%100
96	MP2C	Z	10.217	10.217	0	%100
97	MP3C	X	0	0	0	%100
98	MP3C	Z	10.217	10.217	0	%100
99	MP4C	X	0	0	0	%100
100	MP4C	Z	10.217	10.217	0	%100
101	MP1B	X	0	0	0	%100
102	MP1B	Z	10.217	10.217	0	%100
103	MP2B	X	0	0	0	%100
104	MP2B	Z	10.217	10.217	0	%100
105	MP3B	X	0	0	0	%100
106	MP3B	Z	10.217	10.217	0	%100
107	MP4B	X	0	0	0	%100
108	MP4B	Z	10.217	10.217	0	%100
109	M104	X	0	0	0	%100
110	M104	Z	8.355	8.355	0	%100
111	M105	X	0	0	0	%100
112	M105	Z	12.368	12.368	0	%100
113	M106	X	0	0	0	%100
114	M106	Z	3.092	3.092	0	%100
115	M107	X	0	0	0	%100
116	M107	Z	3.092	3.092	0	%100
117	M114	X	0	0	0	%100
118	M114	Z	3.892	3.892	0	%100
119	M125A	X	0	0	0	%100
120	M125A	Z	3.892	3.892	0	%100
121	M128A	X	0	0	0	%100
122	M128A	Z	15.566	15.566	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...]	End Magnitude[lb/ft,...]	Start Location[ft,%]	End Location[ft,%]
1	M4	X	-1.912	-1.912	0	%100
2	M4	Z	3.311	3.311	0	%100
3	M10	X	-5.983	-5.983	0	%100
4	M10	Z	10.362	10.362	0	%100
5	M43	X	-5.983	-5.983	0	%100
6	M43	Z	10.362	10.362	0	%100
7	M46	X	-9.68	-9.68	0	%100
8	M46	Z	16.765	16.765	0	%100
9	M51B	X	-5.375	-5.375	0	%100
10	M51B	Z	9.31	9.31	0	%100
11	M52B	X	0	0	0	%100
12	M52B	Z	0	0	0	%100
13	M76	X	-3.227	-3.227	0	%100
14	M76	Z	5.588	5.588	0	%100
15	M77	X	-9.859	-9.859	0	%100
16	M77	Z	17.076	17.076	0	%100
17	M80	X	-10.384	-10.384	0	%100
18	M80	Z	17.986	17.986	0	%100
19	M84	X	-3.227	-3.227	0	%100
20	M84	Z	5.588	5.588	0	%100
21	M85	X	0	0	0	%100
22	M85	Z	0	0	0	%100
23	M91	X	0	0	0	%100
24	M91	Z	0	0	0	%100
25	M25	X	-1.912	-1.912	0	%100
26	M25	Z	3.311	3.311	0	%100
27	M26	X	-5.983	-5.983	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
28	M26	Z	10.362	10.362	0	%100
29	M27	X	-5.983	-5.983	0	%100
30	M27	Z	10.362	10.362	0	%100
31	M28	X	-9.68	-9.68	0	%100
32	M28	Z	16.765	16.765	0	%100
33	M31	X	0	0	0	%100
34	M31	Z	0	0	0	%100
35	M32	X	-5.375	-5.375	0	%100
36	M32	Z	9.31	9.31	0	%100
37	M36	X	-3.227	-3.227	0	%100
38	M36	Z	5.588	5.588	0	%100
39	M37	X	0	0	0	%100
40	M37	Z	0	0	0	%100
41	M39	X	0	0	0	%100
42	M39	Z	0	0	0	%100
43	M41	X	-3.227	-3.227	0	%100
44	M41	Z	5.588	5.588	0	%100
45	M42	X	-9.859	-9.859	0	%100
46	M42	Z	17.076	17.076	0	%100
47	M44	X	-10.384	-10.384	0	%100
48	M44	Z	17.986	17.986	0	%100
49	M49	X	-7.647	-7.647	0	%100
50	M49	Z	13.245	13.245	0	%100
51	M50A	X	0	0	0	%100
52	M50A	Z	0	0	0	%100
53	M51C	X	0	0	0	%100
54	M51C	Z	0	0	0	%100
55	M52A	X	0	0	0	%100
56	M52A	Z	0	0	0	%100
57	M55	X	-5.375	-5.375	0	%100
58	M55	Z	9.31	9.31	0	%100
59	M56	X	-5.375	-5.375	0	%100
60	M56	Z	9.31	9.31	0	%100
61	M60	X	-12.906	-12.906	0	%100
62	M60	Z	22.354	22.354	0	%100
63	M61	X	-9.859	-9.859	0	%100
64	M61	Z	17.076	17.076	0	%100
65	M63	X	-10.384	-10.384	0	%100
66	M63	Z	17.986	17.986	0	%100
67	M65	X	-12.906	-12.906	0	%100
68	M65	Z	22.354	22.354	0	%100
69	M66	X	-9.859	-9.859	0	%100
70	M66	Z	17.076	17.076	0	%100
71	M68	X	-10.384	-10.384	0	%100
72	M68	Z	17.986	17.986	0	%100
73	M73	X	-5.385	-5.385	0	%100
74	M73	Z	9.328	9.328	0	%100
75	M74	X	-5.385	-5.385	0	%100
76	M74	Z	9.328	9.328	0	%100
77	M75	X	0	0	0	%100
78	M75	Z	0	0	0	%100
79	M76A	X	-3.918	-3.918	0	%100
80	M76A	Z	6.785	6.785	0	%100
81	M77A	X	-8.552	-8.552	0	%100
82	M77A	Z	14.812	14.812	0	%100
83	M78	X	-3.918	-3.918	0	%100
84	M78	Z	6.785	6.785	0	%100
85	MP1A	X	-5.109	-5.109	0	%100
86	MP1A	Z	8.848	8.848	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft,%]	End Location[ft,%]
87	MP2A	X	-5.109	-5.109	0	%100
88	MP2A	Z	8.848	8.848	0	%100
89	MP3A	X	-5.109	-5.109	0	%100
90	MP3A	Z	8.848	8.848	0	%100
91	MP4A	X	-5.109	-5.109	0	%100
92	MP4A	Z	8.848	8.848	0	%100
93	MP1C	X	-5.109	-5.109	0	%100
94	MP1C	Z	8.848	8.848	0	%100
95	MP2C	X	-5.109	-5.109	0	%100
96	MP2C	Z	8.848	8.848	0	%100
97	MP3C	X	-5.109	-5.109	0	%100
98	MP3C	Z	8.848	8.848	0	%100
99	MP4C	X	-5.109	-5.109	0	%100
100	MP4C	Z	8.848	8.848	0	%100
101	MP1B	X	-5.109	-5.109	0	%100
102	MP1B	Z	8.848	8.848	0	%100
103	MP2B	X	-5.109	-5.109	0	%100
104	MP2B	Z	8.848	8.848	0	%100
105	MP3B	X	-5.109	-5.109	0	%100
106	MP3B	Z	8.848	8.848	0	%100
107	MP4B	X	-5.109	-5.109	0	%100
108	MP4B	Z	8.848	8.848	0	%100
109	M104	X	-4.178	-4.178	0	%100
110	M104	Z	7.236	7.236	0	%100
111	M105	X	-4.638	-4.638	0	%100
112	M105	Z	8.033	8.033	0	%100
113	M106	X	-4.638	-4.638	0	%100
114	M106	Z	8.033	8.033	0	%100
115	M107	X	0	0	0	%100
116	M107	Z	0	0	0	%100
117	M114	X	-5.837	-5.837	0	%100
118	M114	Z	10.111	10.111	0	%100
119	M125A	X	0	0	0	%100
120	M125A	Z	0	0	0	%100
121	M128A	X	-5.837	-5.837	0	%100
122	M128A	Z	10.111	10.111	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft,%]	End Location[ft,%]
1	M4	X	-9.933	-9.933	0	%100
2	M4	Z	5.735	5.735	0	%100
3	M10	X	-3.454	-3.454	0	%100
4	M10	Z	1.994	1.994	0	%100
5	M43	X	-3.454	-3.454	0	%100
6	M43	Z	1.994	1.994	0	%100
7	M46	X	-5.588	-5.588	0	%100
8	M46	Z	3.227	3.227	0	%100
9	M51B	X	-12.413	-12.413	0	%100
10	M51B	Z	7.167	7.167	0	%100
11	M52B	X	-3.103	-3.103	0	%100
12	M52B	Z	1.792	1.792	0	%100
13	M76	X	-16.765	-16.765	0	%100
14	M76	Z	9.68	9.68	0	%100
15	M77	X	-22.768	-22.768	0	%100
16	M77	Z	13.145	13.145	0	%100
17	M80	X	-23.981	-23.981	0	%100
18	M80	Z	13.845	13.845	0	%100
19	M84	X	-16.765	-16.765	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
20	M84	Z	9.68	9.68	0	%100
21	M85	X	-5.692	-5.692	0	%100
22	M85	Z	3.286	3.286	0	%100
23	M91	X	-5.995	-5.995	0	%100
24	M91	Z	3.461	3.461	0	%100
25	M25	X	0	0	0	%100
26	M25	Z	0	0	0	%100
27	M26	X	-13.816	-13.816	0	%100
28	M26	Z	7.977	7.977	0	%100
29	M27	X	-13.816	-13.816	0	%100
30	M27	Z	7.977	7.977	0	%100
31	M28	X	-22.354	-22.354	0	%100
32	M28	Z	12.906	12.906	0	%100
33	M31	X	-3.103	-3.103	0	%100
34	M31	Z	1.792	1.792	0	%100
35	M32	X	-3.103	-3.103	0	%100
36	M32	Z	1.792	1.792	0	%100
37	M36	X	0	0	0	%100
38	M36	Z	0	0	0	%100
39	M37	X	-5.692	-5.692	0	%100
40	M37	Z	3.286	3.286	0	%100
41	M39	X	-5.995	-5.995	0	%100
42	M39	Z	3.461	3.461	0	%100
43	M41	X	0	0	0	%100
44	M41	Z	0	0	0	%100
45	M42	X	-5.692	-5.692	0	%100
46	M42	Z	3.286	3.286	0	%100
47	M44	X	-5.995	-5.995	0	%100
48	M44	Z	3.461	3.461	0	%100
49	M49	X	-9.933	-9.933	0	%100
50	M49	Z	5.735	5.735	0	%100
51	M50A	X	-3.454	-3.454	0	%100
52	M50A	Z	1.994	1.994	0	%100
53	M51C	X	-3.454	-3.454	0	%100
54	M51C	Z	1.994	1.994	0	%100
55	M52A	X	-5.588	-5.588	0	%100
56	M52A	Z	3.227	3.227	0	%100
57	M55	X	-3.103	-3.103	0	%100
58	M55	Z	1.792	1.792	0	%100
59	M56	X	-12.413	-12.413	0	%100
60	M56	Z	7.167	7.167	0	%100
61	M60	X	-16.765	-16.765	0	%100
62	M60	Z	9.68	9.68	0	%100
63	M61	X	-5.692	-5.692	0	%100
64	M61	Z	3.286	3.286	0	%100
65	M63	X	-5.995	-5.995	0	%100
66	M63	Z	3.461	3.461	0	%100
67	M65	X	-16.765	-16.765	0	%100
68	M65	Z	9.68	9.68	0	%100
69	M66	X	-22.768	-22.768	0	%100
70	M66	Z	13.145	13.145	0	%100
71	M68	X	-23.981	-23.981	0	%100
72	M68	Z	13.845	13.845	0	%100
73	M73	X	-3.109	-3.109	0	%100
74	M73	Z	1.795	1.795	0	%100
75	M74	X	-12.437	-12.437	0	%100
76	M74	Z	7.181	7.181	0	%100
77	M75	X	-3.109	-3.109	0	%100
78	M75	Z	1.795	1.795	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft, %]	End Location[ft, %]
79	M76A	X	-4.11	-4.11	0	%100
80	M76A	Z	2.373	2.373	0	%100
81	M77A	X	-12.137	-12.137	0	%100
82	M77A	Z	7.007	7.007	0	%100
83	M78	X	-12.137	-12.137	0	%100
84	M78	Z	7.007	7.007	0	%100
85	MP1A	X	-8.848	-8.848	0	%100
86	MP1A	Z	5.109	5.109	0	%100
87	MP2A	X	-8.848	-8.848	0	%100
88	MP2A	Z	5.109	5.109	0	%100
89	MP3A	X	-8.848	-8.848	0	%100
90	MP3A	Z	5.109	5.109	0	%100
91	MP4A	X	-8.848	-8.848	0	%100
92	MP4A	Z	5.109	5.109	0	%100
93	MP1C	X	-8.848	-8.848	0	%100
94	MP1C	Z	5.109	5.109	0	%100
95	MP2C	X	-8.848	-8.848	0	%100
96	MP2C	Z	5.109	5.109	0	%100
97	MP3C	X	-8.848	-8.848	0	%100
98	MP3C	Z	5.109	5.109	0	%100
99	MP4C	X	-8.848	-8.848	0	%100
100	MP4C	Z	5.109	5.109	0	%100
101	MP1B	X	-8.848	-8.848	0	%100
102	MP1B	Z	5.109	5.109	0	%100
103	MP2B	X	-8.848	-8.848	0	%100
104	MP2B	Z	5.109	5.109	0	%100
105	MP3B	X	-8.848	-8.848	0	%100
106	MP3B	Z	5.109	5.109	0	%100
107	MP4B	X	-8.848	-8.848	0	%100
108	MP4B	Z	5.109	5.109	0	%100
109	M104	X	-7.236	-7.236	0	%100
110	M104	Z	4.178	4.178	0	%100
111	M105	X	-2.678	-2.678	0	%100
112	M105	Z	1.546	1.546	0	%100
113	M106	X	-10.711	-10.711	0	%100
114	M106	Z	6.184	6.184	0	%100
115	M107	X	-2.678	-2.678	0	%100
116	M107	Z	1.546	1.546	0	%100
117	M114	X	-13.481	-13.481	0	%100
118	M114	Z	7.783	7.783	0	%100
119	M125A	X	-3.37	-3.37	0	%100
120	M125A	Z	1.946	1.946	0	%100
121	M128A	X	-3.37	-3.37	0	%100
122	M128A	Z	1.946	1.946	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft, %]	End Location[ft, %]
1	M4	X	-15.294	-15.294	0	%100
2	M4	Z	0	0	0	%100
3	M10	X	0	0	0	%100
4	M10	Z	0	0	0	%100
5	M43	X	0	0	0	%100
6	M43	Z	0	0	0	%100
7	M46	X	0	0	0	%100
8	M46	Z	0	0	0	%100
9	M51B	X	-10.75	-10.75	0	%100
10	M51B	Z	0	0	0	%100
11	M52B	X	-10.75	-10.75	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
12	M52B	Z	0	0	0	%100
13	M76	X	-25.812	-25.812	0	%100
14	M76	Z	0	0	0	%100
15	M77	X	-19.718	-19.718	0	%100
16	M77	Z	0	0	0	%100
17	M80	X	-20.768	-20.768	0	%100
18	M80	Z	0	0	0	%100
19	M84	X	-25.812	-25.812	0	%100
20	M84	Z	0	0	0	%100
21	M85	X	-19.718	-19.718	0	%100
22	M85	Z	0	0	0	%100
23	M91	X	-20.768	-20.768	0	%100
24	M91	Z	0	0	0	%100
25	M25	X	-3.823	-3.823	0	%100
26	M25	Z	0	0	0	%100
27	M26	X	-11.965	-11.965	0	%100
28	M26	Z	0	0	0	%100
29	M27	X	-11.965	-11.965	0	%100
30	M27	Z	0	0	0	%100
31	M28	X	-19.359	-19.359	0	%100
32	M28	Z	0	0	0	%100
33	M31	X	-10.75	-10.75	0	%100
34	M31	Z	0	0	0	%100
35	M32	X	0	0	0	%100
36	M32	Z	0	0	0	%100
37	M36	X	-6.453	-6.453	0	%100
38	M36	Z	0	0	0	%100
39	M37	X	-19.718	-19.718	0	%100
40	M37	Z	0	0	0	%100
41	M39	X	-20.768	-20.768	0	%100
42	M39	Z	0	0	0	%100
43	M41	X	-6.453	-6.453	0	%100
44	M41	Z	0	0	0	%100
45	M42	X	0	0	0	%100
46	M42	Z	0	0	0	%100
47	M44	X	0	0	0	%100
48	M44	Z	0	0	0	%100
49	M49	X	-3.823	-3.823	0	%100
50	M49	Z	0	0	0	%100
51	M50A	X	-11.965	-11.965	0	%100
52	M50A	Z	0	0	0	%100
53	M51C	X	-11.965	-11.965	0	%100
54	M51C	Z	0	0	0	%100
55	M52A	X	-19.359	-19.359	0	%100
56	M52A	Z	0	0	0	%100
57	M55	X	0	0	0	%100
58	M55	Z	0	0	0	%100
59	M56	X	-10.75	-10.75	0	%100
60	M56	Z	0	0	0	%100
61	M60	X	-6.453	-6.453	0	%100
62	M60	Z	0	0	0	%100
63	M61	X	0	0	0	%100
64	M61	Z	0	0	0	%100
65	M63	X	0	0	0	%100
66	M63	Z	0	0	0	%100
67	M65	X	-6.453	-6.453	0	%100
68	M65	Z	0	0	0	%100
69	M66	X	-19.718	-19.718	0	%100
70	M66	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft....	Start Location[ft, %]	End Location[ft, %]
71	M68	X	-20.768	-20.768	0	%100
72	M68	Z	0	0	0	%100
73	M73	X	0	0	0	%100
74	M73	Z	0	0	0	%100
75	M74	X	-10.771	-10.771	0	%100
76	M74	Z	0	0	0	%100
77	M75	X	-10.771	-10.771	0	%100
78	M75	Z	0	0	0	%100
79	M76A	X	-7.835	-7.835	0	%100
80	M76A	Z	0	0	0	%100
81	M77A	X	-7.835	-7.835	0	%100
82	M77A	Z	0	0	0	%100
83	M78	X	-17.104	-17.104	0	%100
84	M78	Z	0	0	0	%100
85	MP1A	X	-10.217	-10.217	0	%100
86	MP1A	Z	0	0	0	%100
87	MP2A	X	-10.217	-10.217	0	%100
88	MP2A	Z	0	0	0	%100
89	MP3A	X	-10.217	-10.217	0	%100
90	MP3A	Z	0	0	0	%100
91	MP4A	X	-10.217	-10.217	0	%100
92	MP4A	Z	0	0	0	%100
93	MP1C	X	-10.217	-10.217	0	%100
94	MP1C	Z	0	0	0	%100
95	MP2C	X	-10.217	-10.217	0	%100
96	MP2C	Z	0	0	0	%100
97	MP3C	X	-10.217	-10.217	0	%100
98	MP3C	Z	0	0	0	%100
99	MP4C	X	-10.217	-10.217	0	%100
100	MP4C	Z	0	0	0	%100
101	MP1B	X	-10.217	-10.217	0	%100
102	MP1B	Z	0	0	0	%100
103	MP2B	X	-10.217	-10.217	0	%100
104	MP2B	Z	0	0	0	%100
105	MP3B	X	-10.217	-10.217	0	%100
106	MP3B	Z	0	0	0	%100
107	MP4B	X	-10.217	-10.217	0	%100
108	MP4B	Z	0	0	0	%100
109	M104	X	-8.355	-8.355	0	%100
110	M104	Z	0	0	0	%100
111	M105	X	0	0	0	%100
112	M105	Z	0	0	0	%100
113	M106	X	-9.276	-9.276	0	%100
114	M106	Z	0	0	0	%100
115	M107	X	-9.276	-9.276	0	%100
116	M107	Z	0	0	0	%100
117	M114	X	-11.675	-11.675	0	%100
118	M114	Z	0	0	0	%100
119	M125A	X	-11.675	-11.675	0	%100
120	M125A	Z	0	0	0	%100
121	M128A	X	0	0	0	%100
122	M128A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft....	Start Location[ft, %]	End Location[ft, %]
1	M4	X	-9.933	-9.933	0	%100
2	M4	Z	-5.735	-5.735	0	%100
3	M10	X	-3.454	-3.454	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
4	M10	Z	-1.994	-1.994	0	%100
5	M43	X	-3.454	-3.454	0	%100
6	M43	Z	-1.994	-1.994	0	%100
7	M46	X	-5.588	-5.588	0	%100
8	M46	Z	-3.227	-3.227	0	%100
9	M51B	X	-3.103	-3.103	0	%100
10	M51B	Z	-1.792	-1.792	0	%100
11	M52B	X	-12.413	-12.413	0	%100
12	M52B	Z	-7.167	-7.167	0	%100
13	M76	X	-16.765	-16.765	0	%100
14	M76	Z	-9.68	-9.68	0	%100
15	M77	X	-5.692	-5.692	0	%100
16	M77	Z	-3.286	-3.286	0	%100
17	M80	X	-5.995	-5.995	0	%100
18	M80	Z	-3.461	-3.461	0	%100
19	M84	X	-16.765	-16.765	0	%100
20	M84	Z	-9.68	-9.68	0	%100
21	M85	X	-22.768	-22.768	0	%100
22	M85	Z	-13.145	-13.145	0	%100
23	M91	X	-23.981	-23.981	0	%100
24	M91	Z	-13.845	-13.845	0	%100
25	M25	X	-9.933	-9.933	0	%100
26	M25	Z	-5.735	-5.735	0	%100
27	M26	X	-3.454	-3.454	0	%100
28	M26	Z	-1.994	-1.994	0	%100
29	M27	X	-3.454	-3.454	0	%100
30	M27	Z	-1.994	-1.994	0	%100
31	M28	X	-5.588	-5.588	0	%100
32	M28	Z	-3.227	-3.227	0	%100
33	M31	X	-12.413	-12.413	0	%100
34	M31	Z	-7.167	-7.167	0	%100
35	M32	X	-3.103	-3.103	0	%100
36	M32	Z	-1.792	-1.792	0	%100
37	M36	X	-16.765	-16.765	0	%100
38	M36	Z	-9.68	-9.68	0	%100
39	M37	X	-22.768	-22.768	0	%100
40	M37	Z	-13.145	-13.145	0	%100
41	M39	X	-23.981	-23.981	0	%100
42	M39	Z	-13.845	-13.845	0	%100
43	M41	X	-16.765	-16.765	0	%100
44	M41	Z	-9.68	-9.68	0	%100
45	M42	X	-5.692	-5.692	0	%100
46	M42	Z	-3.286	-3.286	0	%100
47	M44	X	-5.995	-5.995	0	%100
48	M44	Z	-3.461	-3.461	0	%100
49	M49	X	0	0	0	%100
50	M49	Z	0	0	0	%100
51	M50A	X	-13.816	-13.816	0	%100
52	M50A	Z	-7.977	-7.977	0	%100
53	M51C	X	-13.816	-13.816	0	%100
54	M51C	Z	-7.977	-7.977	0	%100
55	M52A	X	-22.354	-22.354	0	%100
56	M52A	Z	-12.906	-12.906	0	%100
57	M55	X	-3.103	-3.103	0	%100
58	M55	Z	-1.792	-1.792	0	%100
59	M56	X	-3.103	-3.103	0	%100
60	M56	Z	-1.792	-1.792	0	%100
61	M60	X	0	0	0	%100
62	M60	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft....	Start Location[ft.%]	End Location[ft.%]
63	M61	X	-5.692	-5.692	0	%100
64	M61	Z	-3.286	-3.286	0	%100
65	M63	X	-5.995	-5.995	0	%100
66	M63	Z	-3.461	-3.461	0	%100
67	M65	X	0	0	0	%100
68	M65	Z	0	0	0	%100
69	M66	X	-5.692	-5.692	0	%100
70	M66	Z	-3.286	-3.286	0	%100
71	M68	X	-5.995	-5.995	0	%100
72	M68	Z	-3.461	-3.461	0	%100
73	M73	X	-3.109	-3.109	0	%100
74	M73	Z	-1.795	-1.795	0	%100
75	M74	X	-3.109	-3.109	0	%100
76	M74	Z	-1.795	-1.795	0	%100
77	M75	X	-12.437	-12.437	0	%100
78	M75	Z	-7.181	-7.181	0	%100
79	M76A	X	-12.137	-12.137	0	%100
80	M76A	Z	-7.007	-7.007	0	%100
81	M77A	X	-4.11	-4.11	0	%100
82	M77A	Z	-2.373	-2.373	0	%100
83	M78	X	-12.137	-12.137	0	%100
84	M78	Z	-7.007	-7.007	0	%100
85	MP1A	X	-8.848	-8.848	0	%100
86	MP1A	Z	-5.109	-5.109	0	%100
87	MP2A	X	-8.848	-8.848	0	%100
88	MP2A	Z	-5.109	-5.109	0	%100
89	MP3A	X	-8.848	-8.848	0	%100
90	MP3A	Z	-5.109	-5.109	0	%100
91	MP4A	X	-8.848	-8.848	0	%100
92	MP4A	Z	-5.109	-5.109	0	%100
93	MP1C	X	-8.848	-8.848	0	%100
94	MP1C	Z	-5.109	-5.109	0	%100
95	MP2C	X	-8.848	-8.848	0	%100
96	MP2C	Z	-5.109	-5.109	0	%100
97	MP3C	X	-8.848	-8.848	0	%100
98	MP3C	Z	-5.109	-5.109	0	%100
99	MP4C	X	-8.848	-8.848	0	%100
100	MP4C	Z	-5.109	-5.109	0	%100
101	MP1B	X	-8.848	-8.848	0	%100
102	MP1B	Z	-5.109	-5.109	0	%100
103	MP2B	X	-8.848	-8.848	0	%100
104	MP2B	Z	-5.109	-5.109	0	%100
105	MP3B	X	-8.848	-8.848	0	%100
106	MP3B	Z	-5.109	-5.109	0	%100
107	MP4B	X	-8.848	-8.848	0	%100
108	MP4B	Z	-5.109	-5.109	0	%100
109	M104	X	-7.236	-7.236	0	%100
110	M104	Z	-4.178	-4.178	0	%100
111	M105	X	-2.678	-2.678	0	%100
112	M105	Z	-1.546	-1.546	0	%100
113	M106	X	-2.678	-2.678	0	%100
114	M106	Z	-1.546	-1.546	0	%100
115	M107	X	-10.711	-10.711	0	%100
116	M107	Z	-6.184	-6.184	0	%100
117	M114	X	-3.37	-3.37	0	%100
118	M114	Z	-1.946	-1.946	0	%100
119	M125A	X	-13.481	-13.481	0	%100
120	M125A	Z	-7.783	-7.783	0	%100
121	M128A	X	-3.37	-3.37	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
122	M128A	Z	-1.946	-1.946	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
1	M4	X	-1.912	-1.912	0	%100
2	M4	Z	-3.311	-3.311	0	%100
3	M10	X	-5.983	-5.983	0	%100
4	M10	Z	-10.362	-10.362	0	%100
5	M43	X	-5.983	-5.983	0	%100
6	M43	Z	-10.362	-10.362	0	%100
7	M46	X	-9.68	-9.68	0	%100
8	M46	Z	-16.765	-16.765	0	%100
9	M51B	X	0	0	0	%100
10	M51B	Z	0	0	0	%100
11	M52B	X	-5.375	-5.375	0	%100
12	M52B	Z	-9.31	-9.31	0	%100
13	M76	X	-3.227	-3.227	0	%100
14	M76	Z	-5.588	-5.588	0	%100
15	M77	X	0	0	0	%100
16	M77	Z	0	0	0	%100
17	M80	X	0	0	0	%100
18	M80	Z	0	0	0	%100
19	M84	X	-3.227	-3.227	0	%100
20	M84	Z	-5.588	-5.588	0	%100
21	M85	X	-9.859	-9.859	0	%100
22	M85	Z	-17.076	-17.076	0	%100
23	M91	X	-10.384	-10.384	0	%100
24	M91	Z	-17.986	-17.986	0	%100
25	M25	X	-7.647	-7.647	0	%100
26	M25	Z	-13.245	-13.245	0	%100
27	M26	X	0	0	0	%100
28	M26	Z	0	0	0	%100
29	M27	X	0	0	0	%100
30	M27	Z	0	0	0	%100
31	M28	X	0	0	0	%100
32	M28	Z	0	0	0	%100
33	M31	X	-5.375	-5.375	0	%100
34	M31	Z	-9.31	-9.31	0	%100
35	M32	X	-5.375	-5.375	0	%100
36	M32	Z	-9.31	-9.31	0	%100
37	M36	X	-12.906	-12.906	0	%100
38	M36	Z	-22.354	-22.354	0	%100
39	M37	X	-9.859	-9.859	0	%100
40	M37	Z	-17.076	-17.076	0	%100
41	M39	X	-10.384	-10.384	0	%100
42	M39	Z	-17.986	-17.986	0	%100
43	M41	X	-12.906	-12.906	0	%100
44	M41	Z	-22.354	-22.354	0	%100
45	M42	X	-9.859	-9.859	0	%100
46	M42	Z	-17.076	-17.076	0	%100
47	M44	X	-10.384	-10.384	0	%100
48	M44	Z	-17.986	-17.986	0	%100
49	M49	X	-1.912	-1.912	0	%100
50	M49	Z	-3.311	-3.311	0	%100
51	M50A	X	-5.983	-5.983	0	%100
52	M50A	Z	-10.362	-10.362	0	%100
53	M51C	X	-5.983	-5.983	0	%100
54	M51C	Z	-10.362	-10.362	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft....	Start Location[ft.%]	End Location[ft.%]
55	M52A	X	-9.68	-9.68	0	%100
56	M52A	Z	-16.765	-16.765	0	%100
57	M55	X	-5.375	-5.375	0	%100
58	M55	Z	-9.31	-9.31	0	%100
59	M56	X	0	0	0	%100
60	M56	Z	0	0	0	%100
61	M60	X	-3.227	-3.227	0	%100
62	M60	Z	-5.588	-5.588	0	%100
63	M61	X	-9.859	-9.859	0	%100
64	M61	Z	-17.076	-17.076	0	%100
65	M63	X	-10.384	-10.384	0	%100
66	M63	Z	-17.986	-17.986	0	%100
67	M65	X	-3.227	-3.227	0	%100
68	M65	Z	-5.588	-5.588	0	%100
69	M66	X	0	0	0	%100
70	M66	Z	0	0	0	%100
71	M68	X	0	0	0	%100
72	M68	Z	0	0	0	%100
73	M73	X	-5.385	-5.385	0	%100
74	M73	Z	-9.328	-9.328	0	%100
75	M74	X	0	0	0	%100
76	M74	Z	0	0	0	%100
77	M75	X	-5.385	-5.385	0	%100
78	M75	Z	-9.328	-9.328	0	%100
79	M76A	X	-8.552	-8.552	0	%100
80	M76A	Z	-14.812	-14.812	0	%100
81	M77A	X	-3.918	-3.918	0	%100
82	M77A	Z	-6.785	-6.785	0	%100
83	M78	X	-3.918	-3.918	0	%100
84	M78	Z	-6.785	-6.785	0	%100
85	MP1A	X	-5.109	-5.109	0	%100
86	MP1A	Z	-8.848	-8.848	0	%100
87	MP2A	X	-5.109	-5.109	0	%100
88	MP2A	Z	-8.848	-8.848	0	%100
89	MP3A	X	-5.109	-5.109	0	%100
90	MP3A	Z	-8.848	-8.848	0	%100
91	MP4A	X	-5.109	-5.109	0	%100
92	MP4A	Z	-8.848	-8.848	0	%100
93	MP1C	X	-5.109	-5.109	0	%100
94	MP1C	Z	-8.848	-8.848	0	%100
95	MP2C	X	-5.109	-5.109	0	%100
96	MP2C	Z	-8.848	-8.848	0	%100
97	MP3C	X	-5.109	-5.109	0	%100
98	MP3C	Z	-8.848	-8.848	0	%100
99	MP4C	X	-5.109	-5.109	0	%100
100	MP4C	Z	-8.848	-8.848	0	%100
101	MP1B	X	-5.109	-5.109	0	%100
102	MP1B	Z	-8.848	-8.848	0	%100
103	MP2B	X	-5.109	-5.109	0	%100
104	MP2B	Z	-8.848	-8.848	0	%100
105	MP3B	X	-5.109	-5.109	0	%100
106	MP3B	Z	-8.848	-8.848	0	%100
107	MP4B	X	-5.109	-5.109	0	%100
108	MP4B	Z	-8.848	-8.848	0	%100
109	M104	X	-4.178	-4.178	0	%100
110	M104	Z	-7.236	-7.236	0	%100
111	M105	X	-4.638	-4.638	0	%100
112	M105	Z	-8.033	-8.033	0	%100
113	M106	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
114	M106	Z	0	0	0	%100
115	M107	X	-4.638	-4.638	0	%100
116	M107	Z	-8.033	-8.033	0	%100
117	M114	X	0	0	0	%100
118	M114	Z	0	0	0	%100
119	M125A	X	-5.837	-5.837	0	%100
120	M125A	Z	-10.111	-10.111	0	%100
121	M128A	X	-5.837	-5.837	0	%100
122	M128A	Z	-10.111	-10.111	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
1	M4	X	0	0	0	%100
2	M4	Z	0	0	0	%100
3	M10	X	0	0	0	%100
4	M10	Z	-4.569	-4.569	0	%100
5	M43	X	0	0	0	%100
6	M43	Z	-4.569	-4.569	0	%100
7	M46	X	0	0	0	%100
8	M46	Z	-6.06	-6.06	0	%100
9	M51B	X	0	0	0	%100
10	M51B	Z	-1.146	-1.146	0	%100
11	M52B	X	0	0	0	%100
12	M52B	Z	-1.146	-1.146	0	%100
13	M76	X	0	0	0	%100
14	M76	Z	0	0	0	%100
15	M77	X	0	0	0	%100
16	M77	Z	-1.523	-1.523	0	%100
17	M80	X	0	0	0	%100
18	M80	Z	-1.585	-1.585	0	%100
19	M84	X	0	0	0	%100
20	M84	Z	0	0	0	%100
21	M85	X	0	0	0	%100
22	M85	Z	-1.523	-1.523	0	%100
23	M91	X	0	0	0	%100
24	M91	Z	-1.585	-1.585	0	%100
25	M25	X	0	0	0	%100
26	M25	Z	-3.692	-3.692	0	%100
27	M26	X	0	0	0	%100
28	M26	Z	-1.142	-1.142	0	%100
29	M27	X	0	0	0	%100
30	M27	Z	-1.142	-1.142	0	%100
31	M28	X	0	0	0	%100
32	M28	Z	-1.515	-1.515	0	%100
33	M31	X	0	0	0	%100
34	M31	Z	-1.146	-1.146	0	%100
35	M32	X	0	0	0	%100
36	M32	Z	-4.585	-4.585	0	%100
37	M36	X	0	0	0	%100
38	M36	Z	-4.507	-4.507	0	%100
39	M37	X	0	0	0	%100
40	M37	Z	-1.523	-1.523	0	%100
41	M39	X	0	0	0	%100
42	M39	Z	-1.585	-1.585	0	%100
43	M41	X	0	0	0	%100
44	M41	Z	-4.507	-4.507	0	%100
45	M42	X	0	0	0	%100
46	M42	Z	-6.093	-6.093	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
47	M44	X	0	0	0	%100
48	M44	Z	-6.341	-6.341	0	%100
49	M49	X	0	0	0	%100
50	M49	Z	-3.692	-3.692	0	%100
51	M50A	X	0	0	0	%100
52	M50A	Z	-1.142	-1.142	0	%100
53	M51C	X	0	0	0	%100
54	M51C	Z	-1.142	-1.142	0	%100
55	M52A	X	0	0	0	%100
56	M52A	Z	-1.515	-1.515	0	%100
57	M55	X	0	0	0	%100
58	M55	Z	-4.585	-4.585	0	%100
59	M56	X	0	0	0	%100
60	M56	Z	-1.146	-1.146	0	%100
61	M60	X	0	0	0	%100
62	M60	Z	-4.507	-4.507	0	%100
63	M61	X	0	0	0	%100
64	M61	Z	-6.093	-6.093	0	%100
65	M63	X	0	0	0	%100
66	M63	Z	-6.341	-6.341	0	%100
67	M65	X	0	0	0	%100
68	M65	Z	-4.507	-4.507	0	%100
69	M66	X	0	0	0	%100
70	M66	Z	-1.523	-1.523	0	%100
71	M68	X	0	0	0	%100
72	M68	Z	-1.585	-1.585	0	%100
73	M73	X	0	0	0	%100
74	M73	Z	-5.227	-5.227	0	%100
75	M74	X	0	0	0	%100
76	M74	Z	-1.307	-1.307	0	%100
77	M75	X	0	0	0	%100
78	M75	Z	-1.307	-1.307	0	%100
79	M76A	X	0	0	0	%100
80	M76A	Z	-4.245	-4.245	0	%100
81	M77A	X	0	0	0	%100
82	M77A	Z	-4.245	-4.245	0	%100
83	M78	X	0	0	0	%100
84	M78	Z	-1.544	-1.544	0	%100
85	MP1A	X	0	0	0	%100
86	MP1A	Z	-4.175	-4.175	0	%100
87	MP2A	X	0	0	0	%100
88	MP2A	Z	-4.175	-4.175	0	%100
89	MP3A	X	0	0	0	%100
90	MP3A	Z	-4.175	-4.175	0	%100
91	MP4A	X	0	0	0	%100
92	MP4A	Z	-4.175	-4.175	0	%100
93	MP1C	X	0	0	0	%100
94	MP1C	Z	-4.175	-4.175	0	%100
95	MP2C	X	0	0	0	%100
96	MP2C	Z	-4.175	-4.175	0	%100
97	MP3C	X	0	0	0	%100
98	MP3C	Z	-4.175	-4.175	0	%100
99	MP4C	X	0	0	0	%100
100	MP4C	Z	-4.175	-4.175	0	%100
101	MP1B	X	0	0	0	%100
102	MP1B	Z	-4.175	-4.175	0	%100
103	MP2B	X	0	0	0	%100
104	MP2B	Z	-4.175	-4.175	0	%100
105	MP3B	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
106	MP3B	Z	-4.175	-4.175	0	%100
107	MP4B	X	0	0	0	%100
108	MP4B	Z	-4.175	-4.175	0	%100
109	M104	X	0	0	0	%100
110	M104	Z	-3.352	-3.352	0	%100
111	M105	X	0	0	0	%100
112	M105	Z	-4.759	-4.759	0	%100
113	M106	X	0	0	0	%100
114	M106	Z	-1.19	-1.19	0	%100
115	M107	X	0	0	0	%100
116	M107	Z	-1.19	-1.19	0	%100
117	M114	X	0	0	0	%100
118	M114	Z	-1.114	-1.114	0	%100
119	M125A	X	0	0	0	%100
120	M125A	Z	-1.114	-1.114	0	%100
121	M128A	X	0	0	0	%100
122	M128A	Z	-4.457	-4.457	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
1	M4	X	.615	.615	0	%100
2	M4	Z	-1.066	-1.066	0	%100
3	M10	X	1.714	1.714	0	%100
4	M10	Z	-2.968	-2.968	0	%100
5	M43	X	1.714	1.714	0	%100
6	M43	Z	-2.968	-2.968	0	%100
7	M46	X	2.273	2.273	0	%100
8	M46	Z	-3.936	-3.936	0	%100
9	M51B	X	1.719	1.719	0	%100
10	M51B	Z	-2.978	-2.978	0	%100
11	M52B	X	0	0	0	%100
12	M52B	Z	0	0	0	%100
13	M76	X	.751	.751	0	%100
14	M76	Z	-1.301	-1.301	0	%100
15	M77	X	2.285	2.285	0	%100
16	M77	Z	-3.957	-3.957	0	%100
17	M80	X	2.378	2.378	0	%100
18	M80	Z	-4.118	-4.118	0	%100
19	M84	X	.751	.751	0	%100
20	M84	Z	-1.301	-1.301	0	%100
21	M85	X	0	0	0	%100
22	M85	Z	0	0	0	%100
23	M91	X	0	0	0	%100
24	M91	Z	0	0	0	%100
25	M25	X	.615	.615	0	%100
26	M25	Z	-1.066	-1.066	0	%100
27	M26	X	1.714	1.714	0	%100
28	M26	Z	-2.968	-2.968	0	%100
29	M27	X	1.714	1.714	0	%100
30	M27	Z	-2.968	-2.968	0	%100
31	M28	X	2.273	2.273	0	%100
32	M28	Z	-3.936	-3.936	0	%100
33	M31	X	0	0	0	%100
34	M31	Z	0	0	0	%100
35	M32	X	1.719	1.719	0	%100
36	M32	Z	-2.978	-2.978	0	%100
37	M36	X	.751	.751	0	%100
38	M36	Z	-1.301	-1.301	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
39	M37	X	0	0	0	%100
40	M37	Z	0	0	0	%100
41	M39	X	0	0	0	%100
42	M39	Z	0	0	0	%100
43	M41	X	.751	.751	0	%100
44	M41	Z	-1.301	-1.301	0	%100
45	M42	X	2.285	2.285	0	%100
46	M42	Z	-3.957	-3.957	0	%100
47	M44	X	2.378	2.378	0	%100
48	M44	Z	-4.118	-4.118	0	%100
49	M49	X	2.461	2.461	0	%100
50	M49	Z	-4.263	-4.263	0	%100
51	M50A	X	0	0	0	%100
52	M50A	Z	0	0	0	%100
53	M51C	X	0	0	0	%100
54	M51C	Z	0	0	0	%100
55	M52A	X	0	0	0	%100
56	M52A	Z	0	0	0	%100
57	M55	X	1.719	1.719	0	%100
58	M55	Z	-2.978	-2.978	0	%100
59	M56	X	1.719	1.719	0	%100
60	M56	Z	-2.978	-2.978	0	%100
61	M60	X	3.005	3.005	0	%100
62	M60	Z	-5.204	-5.204	0	%100
63	M61	X	2.285	2.285	0	%100
64	M61	Z	-3.957	-3.957	0	%100
65	M63	X	2.378	2.378	0	%100
66	M63	Z	-4.118	-4.118	0	%100
67	M65	X	3.005	3.005	0	%100
68	M65	Z	-5.204	-5.204	0	%100
69	M66	X	2.285	2.285	0	%100
70	M66	Z	-3.957	-3.957	0	%100
71	M68	X	2.378	2.378	0	%100
72	M68	Z	-4.118	-4.118	0	%100
73	M73	X	1.96	1.96	0	%100
74	M73	Z	-3.395	-3.395	0	%100
75	M74	X	1.96	1.96	0	%100
76	M74	Z	-3.395	-3.395	0	%100
77	M75	X	0	0	0	%100
78	M75	Z	0	0	0	%100
79	M76A	X	1.222	1.222	0	%100
80	M76A	Z	-2.117	-2.117	0	%100
81	M77A	X	2.573	2.573	0	%100
82	M77A	Z	-4.456	-4.456	0	%100
83	M78	X	1.222	1.222	0	%100
84	M78	Z	-2.117	-2.117	0	%100
85	MP1A	X	2.087	2.087	0	%100
86	MP1A	Z	-3.615	-3.615	0	%100
87	MP2A	X	2.087	2.087	0	%100
88	MP2A	Z	-3.615	-3.615	0	%100
89	MP3A	X	2.087	2.087	0	%100
90	MP3A	Z	-3.615	-3.615	0	%100
91	MP4A	X	2.087	2.087	0	%100
92	MP4A	Z	-3.615	-3.615	0	%100
93	MP1C	X	2.087	2.087	0	%100
94	MP1C	Z	-3.615	-3.615	0	%100
95	MP2C	X	2.087	2.087	0	%100
96	MP2C	Z	-3.615	-3.615	0	%100
97	MP3C	X	2.087	2.087	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
98	MP3C	Z	-3.615	-3.615	0	%100
99	MP4C	X	2.087	2.087	0	%100
100	MP4C	Z	-3.615	-3.615	0	%100
101	MP1B	X	2.087	2.087	0	%100
102	MP1B	Z	-3.615	-3.615	0	%100
103	MP2B	X	2.087	2.087	0	%100
104	MP2B	Z	-3.615	-3.615	0	%100
105	MP3B	X	2.087	2.087	0	%100
106	MP3B	Z	-3.615	-3.615	0	%100
107	MP4B	X	2.087	2.087	0	%100
108	MP4B	Z	-3.615	-3.615	0	%100
109	M104	X	1.676	1.676	0	%100
110	M104	Z	-2.903	-2.903	0	%100
111	M105	X	1.785	1.785	0	%100
112	M105	Z	-3.091	-3.091	0	%100
113	M106	X	1.785	1.785	0	%100
114	M106	Z	-3.091	-3.091	0	%100
115	M107	X	0	0	0	%100
116	M107	Z	0	0	0	%100
117	M114	X	1.671	1.671	0	%100
118	M114	Z	-2.895	-2.895	0	%100
119	M125A	X	0	0	0	%100
120	M125A	Z	0	0	0	%100
121	M128A	X	1.671	1.671	0	%100
122	M128A	Z	-2.895	-2.895	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
1	M4	X	3.197	3.197	0	%100
2	M4	Z	-1.846	-1.846	0	%100
3	M10	X	.989	.989	0	%100
4	M10	Z	-.571	-.571	0	%100
5	M43	X	.989	.989	0	%100
6	M43	Z	-.571	-.571	0	%100
7	M46	X	1.312	1.312	0	%100
8	M46	Z	-.758	-.758	0	%100
9	M51B	X	3.97	3.97	0	%100
10	M51B	Z	-2.292	-2.292	0	%100
11	M52B	X	.993	.993	0	%100
12	M52B	Z	-.573	-.573	0	%100
13	M76	X	3.903	3.903	0	%100
14	M76	Z	-2.254	-2.254	0	%100
15	M77	X	5.276	5.276	0	%100
16	M77	Z	-3.046	-3.046	0	%100
17	M80	X	5.491	5.491	0	%100
18	M80	Z	-3.17	-3.17	0	%100
19	M84	X	3.903	3.903	0	%100
20	M84	Z	-2.254	-2.254	0	%100
21	M85	X	1.319	1.319	0	%100
22	M85	Z	-.762	-.762	0	%100
23	M91	X	1.373	1.373	0	%100
24	M91	Z	-.793	-.793	0	%100
25	M25	X	0	0	0	%100
26	M25	Z	0	0	0	%100
27	M26	X	3.957	3.957	0	%100
28	M26	Z	-2.285	-2.285	0	%100
29	M27	X	3.957	3.957	0	%100
30	M27	Z	-2.285	-2.285	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
31	M28	X	5.248	5.248	0	%100
32	M28	Z	-3.03	-3.03	0	%100
33	M31	X	.993	.993	0	%100
34	M31	Z	-.573	-.573	0	%100
35	M32	X	.993	.993	0	%100
36	M32	Z	-.573	-.573	0	%100
37	M36	X	0	0	0	%100
38	M36	Z	0	0	0	%100
39	M37	X	1.319	1.319	0	%100
40	M37	Z	-.762	-.762	0	%100
41	M39	X	1.373	1.373	0	%100
42	M39	Z	-.793	-.793	0	%100
43	M41	X	0	0	0	%100
44	M41	Z	0	0	0	%100
45	M42	X	1.319	1.319	0	%100
46	M42	Z	-.762	-.762	0	%100
47	M44	X	1.373	1.373	0	%100
48	M44	Z	-.793	-.793	0	%100
49	M49	X	3.197	3.197	0	%100
50	M49	Z	-1.846	-1.846	0	%100
51	M50A	X	.989	.989	0	%100
52	M50A	Z	-.571	-.571	0	%100
53	M51C	X	.989	.989	0	%100
54	M51C	Z	-.571	-.571	0	%100
55	M52A	X	1.312	1.312	0	%100
56	M52A	Z	-.758	-.758	0	%100
57	M55	X	.993	.993	0	%100
58	M55	Z	-.573	-.573	0	%100
59	M56	X	3.97	3.97	0	%100
60	M56	Z	-2.292	-2.292	0	%100
61	M60	X	3.903	3.903	0	%100
62	M60	Z	-2.254	-2.254	0	%100
63	M61	X	1.319	1.319	0	%100
64	M61	Z	-.762	-.762	0	%100
65	M63	X	1.373	1.373	0	%100
66	M63	Z	-.793	-.793	0	%100
67	M65	X	3.903	3.903	0	%100
68	M65	Z	-2.254	-2.254	0	%100
69	M66	X	5.276	5.276	0	%100
70	M66	Z	-3.046	-3.046	0	%100
71	M68	X	5.491	5.491	0	%100
72	M68	Z	-3.17	-3.17	0	%100
73	M73	X	1.132	1.132	0	%100
74	M73	Z	-.653	-.653	0	%100
75	M74	X	4.526	4.526	0	%100
76	M74	Z	-2.613	-2.613	0	%100
77	M75	X	1.132	1.132	0	%100
78	M75	Z	-.653	-.653	0	%100
79	M76A	X	1.337	1.337	0	%100
80	M76A	Z	-.772	-.772	0	%100
81	M77A	X	3.676	3.676	0	%100
82	M77A	Z	-2.122	-2.122	0	%100
83	M78	X	3.676	3.676	0	%100
84	M78	Z	-2.122	-2.122	0	%100
85	MP1A	X	3.615	3.615	0	%100
86	MP1A	Z	-2.087	-2.087	0	%100
87	MP2A	X	3.615	3.615	0	%100
88	MP2A	Z	-2.087	-2.087	0	%100
89	MP3A	X	3.615	3.615	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
90	MP3A	Z	-2.087	-2.087	0	%100
91	MP4A	X	3.615	3.615	0	%100
92	MP4A	Z	-2.087	-2.087	0	%100
93	MP1C	X	3.615	3.615	0	%100
94	MP1C	Z	-2.087	-2.087	0	%100
95	MP2C	X	3.615	3.615	0	%100
96	MP2C	Z	-2.087	-2.087	0	%100
97	MP3C	X	3.615	3.615	0	%100
98	MP3C	Z	-2.087	-2.087	0	%100
99	MP4C	X	3.615	3.615	0	%100
100	MP4C	Z	-2.087	-2.087	0	%100
101	MP1B	X	3.615	3.615	0	%100
102	MP1B	Z	-2.087	-2.087	0	%100
103	MP2B	X	3.615	3.615	0	%100
104	MP2B	Z	-2.087	-2.087	0	%100
105	MP3B	X	3.615	3.615	0	%100
106	MP3B	Z	-2.087	-2.087	0	%100
107	MP4B	X	3.615	3.615	0	%100
108	MP4B	Z	-2.087	-2.087	0	%100
109	M104	X	2.903	2.903	0	%100
110	M104	Z	-1.676	-1.676	0	%100
111	M105	X	1.03	1.03	0	%100
112	M105	Z	-.595	-.595	0	%100
113	M106	X	4.122	4.122	0	%100
114	M106	Z	-2.38	-2.38	0	%100
115	M107	X	1.03	1.03	0	%100
116	M107	Z	-.595	-.595	0	%100
117	M114	X	3.86	3.86	0	%100
118	M114	Z	-2.229	-2.229	0	%100
119	M125A	X	.965	.965	0	%100
120	M125A	Z	-.557	-.557	0	%100
121	M128A	X	.965	.965	0	%100
122	M128A	Z	-.557	-.557	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
1	M4	X	4.922	4.922	0	%100
2	M4	Z	0	0	0	%100
3	M10	X	0	0	0	%100
4	M10	Z	0	0	0	%100
5	M43	X	0	0	0	%100
6	M43	Z	0	0	0	%100
7	M46	X	0	0	0	%100
8	M46	Z	0	0	0	%100
9	M51B	X	3.438	3.438	0	%100
10	M51B	Z	0	0	0	%100
11	M52B	X	3.438	3.438	0	%100
12	M52B	Z	0	0	0	%100
13	M76	X	6.009	6.009	0	%100
14	M76	Z	0	0	0	%100
15	M77	X	4.569	4.569	0	%100
16	M77	Z	0	0	0	%100
17	M80	X	4.756	4.756	0	%100
18	M80	Z	0	0	0	%100
19	M84	X	6.009	6.009	0	%100
20	M84	Z	0	0	0	%100
21	M85	X	4.569	4.569	0	%100
22	M85	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
23	M91	X	4.756	4.756	0	%100
24	M91	Z	0	0	0	%100
25	M25	X	1.231	1.231	0	%100
26	M25	Z	0	0	0	%100
27	M26	X	3.427	3.427	0	%100
28	M26	Z	0	0	0	%100
29	M27	X	3.427	3.427	0	%100
30	M27	Z	0	0	0	%100
31	M28	X	4.545	4.545	0	%100
32	M28	Z	0	0	0	%100
33	M31	X	3.438	3.438	0	%100
34	M31	Z	0	0	0	%100
35	M32	X	0	0	0	%100
36	M32	Z	0	0	0	%100
37	M36	X	1.502	1.502	0	%100
38	M36	Z	0	0	0	%100
39	M37	X	4.569	4.569	0	%100
40	M37	Z	0	0	0	%100
41	M39	X	4.756	4.756	0	%100
42	M39	Z	0	0	0	%100
43	M41	X	1.502	1.502	0	%100
44	M41	Z	0	0	0	%100
45	M42	X	0	0	0	%100
46	M42	Z	0	0	0	%100
47	M44	X	0	0	0	%100
48	M44	Z	0	0	0	%100
49	M49	X	1.231	1.231	0	%100
50	M49	Z	0	0	0	%100
51	M50A	X	3.427	3.427	0	%100
52	M50A	Z	0	0	0	%100
53	M51C	X	3.427	3.427	0	%100
54	M51C	Z	0	0	0	%100
55	M52A	X	4.545	4.545	0	%100
56	M52A	Z	0	0	0	%100
57	M55	X	0	0	0	%100
58	M55	Z	0	0	0	%100
59	M56	X	3.438	3.438	0	%100
60	M56	Z	0	0	0	%100
61	M60	X	1.502	1.502	0	%100
62	M60	Z	0	0	0	%100
63	M61	X	0	0	0	%100
64	M61	Z	0	0	0	%100
65	M63	X	0	0	0	%100
66	M63	Z	0	0	0	%100
67	M65	X	1.502	1.502	0	%100
68	M65	Z	0	0	0	%100
69	M66	X	4.569	4.569	0	%100
70	M66	Z	0	0	0	%100
71	M68	X	4.756	4.756	0	%100
72	M68	Z	0	0	0	%100
73	M73	X	0	0	0	%100
74	M73	Z	0	0	0	%100
75	M74	X	3.92	3.92	0	%100
76	M74	Z	0	0	0	%100
77	M75	X	3.92	3.92	0	%100
78	M75	Z	0	0	0	%100
79	M76A	X	2.444	2.444	0	%100
80	M76A	Z	0	0	0	%100
81	M77A	X	2.444	2.444	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
82	M77A	Z	0	0	0	%100
83	M78	X	5.145	5.145	0	%100
84	M78	Z	0	0	0	%100
85	MP1A	X	4.175	4.175	0	%100
86	MP1A	Z	0	0	0	%100
87	MP2A	X	4.175	4.175	0	%100
88	MP2A	Z	0	0	0	%100
89	MP3A	X	4.175	4.175	0	%100
90	MP3A	Z	0	0	0	%100
91	MP4A	X	4.175	4.175	0	%100
92	MP4A	Z	0	0	0	%100
93	MP1C	X	4.175	4.175	0	%100
94	MP1C	Z	0	0	0	%100
95	MP2C	X	4.175	4.175	0	%100
96	MP2C	Z	0	0	0	%100
97	MP3C	X	4.175	4.175	0	%100
98	MP3C	Z	0	0	0	%100
99	MP4C	X	4.175	4.175	0	%100
100	MP4C	Z	0	0	0	%100
101	MP1B	X	4.175	4.175	0	%100
102	MP1B	Z	0	0	0	%100
103	MP2B	X	4.175	4.175	0	%100
104	MP2B	Z	0	0	0	%100
105	MP3B	X	4.175	4.175	0	%100
106	MP3B	Z	0	0	0	%100
107	MP4B	X	4.175	4.175	0	%100
108	MP4B	Z	0	0	0	%100
109	M104	X	3.352	3.352	0	%100
110	M104	Z	0	0	0	%100
111	M105	X	0	0	0	%100
112	M105	Z	0	0	0	%100
113	M106	X	3.569	3.569	0	%100
114	M106	Z	0	0	0	%100
115	M107	X	3.569	3.569	0	%100
116	M107	Z	0	0	0	%100
117	M114	X	3.343	3.343	0	%100
118	M114	Z	0	0	0	%100
119	M125A	X	3.343	3.343	0	%100
120	M125A	Z	0	0	0	%100
121	M128A	X	0	0	0	%100
122	M128A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
1	M4	X	3.197	3.197	0	%100
2	M4	Z	1.846	1.846	0	%100
3	M10	X	.989	.989	0	%100
4	M10	Z	.571	.571	0	%100
5	M43	X	.989	.989	0	%100
6	M43	Z	.571	.571	0	%100
7	M46	X	1.312	1.312	0	%100
8	M46	Z	.758	.758	0	%100
9	M51B	X	.993	.993	0	%100
10	M51B	Z	.573	.573	0	%100
11	M52B	X	3.97	3.97	0	%100
12	M52B	Z	2.292	2.292	0	%100
13	M76	X	3.903	3.903	0	%100
14	M76	Z	2.254	2.254	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
15	M77	X	1.319	1.319	0	%100
16	M77	Z	.762	.762	0	%100
17	M80	X	1.373	1.373	0	%100
18	M80	Z	.793	.793	0	%100
19	M84	X	3.903	3.903	0	%100
20	M84	Z	2.254	2.254	0	%100
21	M85	X	5.276	5.276	0	%100
22	M85	Z	3.046	3.046	0	%100
23	M91	X	5.491	5.491	0	%100
24	M91	Z	3.17	3.17	0	%100
25	M25	X	3.197	3.197	0	%100
26	M25	Z	1.846	1.846	0	%100
27	M26	X	.989	.989	0	%100
28	M26	Z	.571	.571	0	%100
29	M27	X	.989	.989	0	%100
30	M27	Z	.571	.571	0	%100
31	M28	X	1.312	1.312	0	%100
32	M28	Z	.758	.758	0	%100
33	M31	X	3.97	3.97	0	%100
34	M31	Z	2.292	2.292	0	%100
35	M32	X	.993	.993	0	%100
36	M32	Z	.573	.573	0	%100
37	M36	X	3.903	3.903	0	%100
38	M36	Z	2.254	2.254	0	%100
39	M37	X	5.276	5.276	0	%100
40	M37	Z	3.046	3.046	0	%100
41	M39	X	5.491	5.491	0	%100
42	M39	Z	3.17	3.17	0	%100
43	M41	X	3.903	3.903	0	%100
44	M41	Z	2.254	2.254	0	%100
45	M42	X	1.319	1.319	0	%100
46	M42	Z	.762	.762	0	%100
47	M44	X	1.373	1.373	0	%100
48	M44	Z	.793	.793	0	%100
49	M49	X	0	0	0	%100
50	M49	Z	0	0	0	%100
51	M50A	X	3.957	3.957	0	%100
52	M50A	Z	2.285	2.285	0	%100
53	M51C	X	3.957	3.957	0	%100
54	M51C	Z	2.285	2.285	0	%100
55	M52A	X	5.248	5.248	0	%100
56	M52A	Z	3.03	3.03	0	%100
57	M55	X	.993	.993	0	%100
58	M55	Z	.573	.573	0	%100
59	M56	X	.993	.993	0	%100
60	M56	Z	.573	.573	0	%100
61	M60	X	0	0	0	%100
62	M60	Z	0	0	0	%100
63	M61	X	1.319	1.319	0	%100
64	M61	Z	.762	.762	0	%100
65	M63	X	1.373	1.373	0	%100
66	M63	Z	.793	.793	0	%100
67	M65	X	0	0	0	%100
68	M65	Z	0	0	0	%100
69	M66	X	1.319	1.319	0	%100
70	M66	Z	.762	.762	0	%100
71	M68	X	1.373	1.373	0	%100
72	M68	Z	.793	.793	0	%100
73	M73	X	1.132	1.132	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
74	M73	Z	.653	.653	0	%100
75	M74	X	1.132	1.132	0	%100
76	M74	Z	.653	.653	0	%100
77	M75	X	4.526	4.526	0	%100
78	M75	Z	2.613	2.613	0	%100
79	M76A	X	3.676	3.676	0	%100
80	M76A	Z	2.122	2.122	0	%100
81	M77A	X	1.337	1.337	0	%100
82	M77A	Z	.772	.772	0	%100
83	M78	X	3.676	3.676	0	%100
84	M78	Z	2.122	2.122	0	%100
85	MP1A	X	3.615	3.615	0	%100
86	MP1A	Z	2.087	2.087	0	%100
87	MP2A	X	3.615	3.615	0	%100
88	MP2A	Z	2.087	2.087	0	%100
89	MP3A	X	3.615	3.615	0	%100
90	MP3A	Z	2.087	2.087	0	%100
91	MP4A	X	3.615	3.615	0	%100
92	MP4A	Z	2.087	2.087	0	%100
93	MP1C	X	3.615	3.615	0	%100
94	MP1C	Z	2.087	2.087	0	%100
95	MP2C	X	3.615	3.615	0	%100
96	MP2C	Z	2.087	2.087	0	%100
97	MP3C	X	3.615	3.615	0	%100
98	MP3C	Z	2.087	2.087	0	%100
99	MP4C	X	3.615	3.615	0	%100
100	MP4C	Z	2.087	2.087	0	%100
101	MP1B	X	3.615	3.615	0	%100
102	MP1B	Z	2.087	2.087	0	%100
103	MP2B	X	3.615	3.615	0	%100
104	MP2B	Z	2.087	2.087	0	%100
105	MP3B	X	3.615	3.615	0	%100
106	MP3B	Z	2.087	2.087	0	%100
107	MP4B	X	3.615	3.615	0	%100
108	MP4B	Z	2.087	2.087	0	%100
109	M104	X	2.903	2.903	0	%100
110	M104	Z	1.676	1.676	0	%100
111	M105	X	1.03	1.03	0	%100
112	M105	Z	.595	.595	0	%100
113	M106	X	1.03	1.03	0	%100
114	M106	Z	.595	.595	0	%100
115	M107	X	4.122	4.122	0	%100
116	M107	Z	2.38	2.38	0	%100
117	M114	X	.965	.965	0	%100
118	M114	Z	.557	.557	0	%100
119	M125A	X	3.86	3.86	0	%100
120	M125A	Z	2.229	2.229	0	%100
121	M128A	X	.965	.965	0	%100
122	M128A	Z	.557	.557	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
1	M4	X	.615	.615	0	%100
2	M4	Z	1.066	1.066	0	%100
3	M10	X	1.714	1.714	0	%100
4	M10	Z	2.968	2.968	0	%100
5	M43	X	1.714	1.714	0	%100
6	M43	Z	2.968	2.968	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
7	M46	X	2.273	2.273	0	%100
8	M46	Z	3.936	3.936	0	%100
9	M51B	X	0	0	0	%100
10	M51B	Z	0	0	0	%100
11	M52B	X	1.719	1.719	0	%100
12	M52B	Z	2.978	2.978	0	%100
13	M76	X	.751	.751	0	%100
14	M76	Z	1.301	1.301	0	%100
15	M77	X	0	0	0	%100
16	M77	Z	0	0	0	%100
17	M80	X	0	0	0	%100
18	M80	Z	0	0	0	%100
19	M84	X	.751	.751	0	%100
20	M84	Z	1.301	1.301	0	%100
21	M85	X	2.285	2.285	0	%100
22	M85	Z	3.957	3.957	0	%100
23	M91	X	2.378	2.378	0	%100
24	M91	Z	4.118	4.118	0	%100
25	M25	X	2.461	2.461	0	%100
26	M25	Z	4.263	4.263	0	%100
27	M26	X	0	0	0	%100
28	M26	Z	0	0	0	%100
29	M27	X	0	0	0	%100
30	M27	Z	0	0	0	%100
31	M28	X	0	0	0	%100
32	M28	Z	0	0	0	%100
33	M31	X	1.719	1.719	0	%100
34	M31	Z	2.978	2.978	0	%100
35	M32	X	1.719	1.719	0	%100
36	M32	Z	2.978	2.978	0	%100
37	M36	X	3.005	3.005	0	%100
38	M36	Z	5.204	5.204	0	%100
39	M37	X	2.285	2.285	0	%100
40	M37	Z	3.957	3.957	0	%100
41	M39	X	2.378	2.378	0	%100
42	M39	Z	4.118	4.118	0	%100
43	M41	X	3.005	3.005	0	%100
44	M41	Z	5.204	5.204	0	%100
45	M42	X	2.285	2.285	0	%100
46	M42	Z	3.957	3.957	0	%100
47	M44	X	2.378	2.378	0	%100
48	M44	Z	4.118	4.118	0	%100
49	M49	X	.615	.615	0	%100
50	M49	Z	1.066	1.066	0	%100
51	M50A	X	1.714	1.714	0	%100
52	M50A	Z	2.968	2.968	0	%100
53	M51C	X	1.714	1.714	0	%100
54	M51C	Z	2.968	2.968	0	%100
55	M52A	X	2.273	2.273	0	%100
56	M52A	Z	3.936	3.936	0	%100
57	M55	X	1.719	1.719	0	%100
58	M55	Z	2.978	2.978	0	%100
59	M56	X	0	0	0	%100
60	M56	Z	0	0	0	%100
61	M60	X	.751	.751	0	%100
62	M60	Z	1.301	1.301	0	%100
63	M61	X	2.285	2.285	0	%100
64	M61	Z	3.957	3.957	0	%100
65	M63	X	2.378	2.378	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
66	M63	Z	4.118	4.118	0	%100
67	M65	X	.751	.751	0	%100
68	M65	Z	1.301	1.301	0	%100
69	M66	X	0	0	0	%100
70	M66	Z	0	0	0	%100
71	M68	X	0	0	0	%100
72	M68	Z	0	0	0	%100
73	M73	X	1.96	1.96	0	%100
74	M73	Z	3.395	3.395	0	%100
75	M74	X	0	0	0	%100
76	M74	Z	0	0	0	%100
77	M75	X	1.96	1.96	0	%100
78	M75	Z	3.395	3.395	0	%100
79	M76A	X	2.573	2.573	0	%100
80	M76A	Z	4.456	4.456	0	%100
81	M77A	X	1.222	1.222	0	%100
82	M77A	Z	2.117	2.117	0	%100
83	M78	X	1.222	1.222	0	%100
84	M78	Z	2.117	2.117	0	%100
85	MP1A	X	2.087	2.087	0	%100
86	MP1A	Z	3.615	3.615	0	%100
87	MP2A	X	2.087	2.087	0	%100
88	MP2A	Z	3.615	3.615	0	%100
89	MP3A	X	2.087	2.087	0	%100
90	MP3A	Z	3.615	3.615	0	%100
91	MP4A	X	2.087	2.087	0	%100
92	MP4A	Z	3.615	3.615	0	%100
93	MP1C	X	2.087	2.087	0	%100
94	MP1C	Z	3.615	3.615	0	%100
95	MP2C	X	2.087	2.087	0	%100
96	MP2C	Z	3.615	3.615	0	%100
97	MP3C	X	2.087	2.087	0	%100
98	MP3C	Z	3.615	3.615	0	%100
99	MP4C	X	2.087	2.087	0	%100
100	MP4C	Z	3.615	3.615	0	%100
101	MP1B	X	2.087	2.087	0	%100
102	MP1B	Z	3.615	3.615	0	%100
103	MP2B	X	2.087	2.087	0	%100
104	MP2B	Z	3.615	3.615	0	%100
105	MP3B	X	2.087	2.087	0	%100
106	MP3B	Z	3.615	3.615	0	%100
107	MP4B	X	2.087	2.087	0	%100
108	MP4B	Z	3.615	3.615	0	%100
109	M104	X	1.676	1.676	0	%100
110	M104	Z	2.903	2.903	0	%100
111	M105	X	1.785	1.785	0	%100
112	M105	Z	3.091	3.091	0	%100
113	M106	X	0	0	0	%100
114	M106	Z	0	0	0	%100
115	M107	X	1.785	1.785	0	%100
116	M107	Z	3.091	3.091	0	%100
117	M114	X	0	0	0	%100
118	M114	Z	0	0	0	%100
119	M125A	X	1.671	1.671	0	%100
120	M125A	Z	2.895	2.895	0	%100
121	M128A	X	1.671	1.671	0	%100
122	M128A	Z	2.895	2.895	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
1	M4	X	0	0	0	%100
2	M4	Z	0	0	0	%100
3	M10	X	0	0	0	%100
4	M10	Z	4.569	4.569	0	%100
5	M43	X	0	0	0	%100
6	M43	Z	4.569	4.569	0	%100
7	M46	X	0	0	0	%100
8	M46	Z	6.06	6.06	0	%100
9	M51B	X	0	0	0	%100
10	M51B	Z	1.146	1.146	0	%100
11	M52B	X	0	0	0	%100
12	M52B	Z	1.146	1.146	0	%100
13	M76	X	0	0	0	%100
14	M76	Z	0	0	0	%100
15	M77	X	0	0	0	%100
16	M77	Z	1.523	1.523	0	%100
17	M80	X	0	0	0	%100
18	M80	Z	1.585	1.585	0	%100
19	M84	X	0	0	0	%100
20	M84	Z	0	0	0	%100
21	M85	X	0	0	0	%100
22	M85	Z	1.523	1.523	0	%100
23	M91	X	0	0	0	%100
24	M91	Z	1.585	1.585	0	%100
25	M25	X	0	0	0	%100
26	M25	Z	3.692	3.692	0	%100
27	M26	X	0	0	0	%100
28	M26	Z	1.142	1.142	0	%100
29	M27	X	0	0	0	%100
30	M27	Z	1.142	1.142	0	%100
31	M28	X	0	0	0	%100
32	M28	Z	1.515	1.515	0	%100
33	M31	X	0	0	0	%100
34	M31	Z	1.146	1.146	0	%100
35	M32	X	0	0	0	%100
36	M32	Z	4.585	4.585	0	%100
37	M36	X	0	0	0	%100
38	M36	Z	4.507	4.507	0	%100
39	M37	X	0	0	0	%100
40	M37	Z	1.523	1.523	0	%100
41	M39	X	0	0	0	%100
42	M39	Z	1.585	1.585	0	%100
43	M41	X	0	0	0	%100
44	M41	Z	4.507	4.507	0	%100
45	M42	X	0	0	0	%100
46	M42	Z	6.093	6.093	0	%100
47	M44	X	0	0	0	%100
48	M44	Z	6.341	6.341	0	%100
49	M49	X	0	0	0	%100
50	M49	Z	3.692	3.692	0	%100
51	M50A	X	0	0	0	%100
52	M50A	Z	1.142	1.142	0	%100
53	M51C	X	0	0	0	%100
54	M51C	Z	1.142	1.142	0	%100
55	M52A	X	0	0	0	%100
56	M52A	Z	1.515	1.515	0	%100
57	M55	X	0	0	0	%100
58	M55	Z	4.585	4.585	0	%100
59	M56	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
60	M56	Z	1.146	1.146	0	%100
61	M60	X	0	0	0	%100
62	M60	Z	4.507	4.507	0	%100
63	M61	X	0	0	0	%100
64	M61	Z	6.093	6.093	0	%100
65	M63	X	0	0	0	%100
66	M63	Z	6.341	6.341	0	%100
67	M65	X	0	0	0	%100
68	M65	Z	4.507	4.507	0	%100
69	M66	X	0	0	0	%100
70	M66	Z	1.523	1.523	0	%100
71	M68	X	0	0	0	%100
72	M68	Z	1.585	1.585	0	%100
73	M73	X	0	0	0	%100
74	M73	Z	5.227	5.227	0	%100
75	M74	X	0	0	0	%100
76	M74	Z	1.307	1.307	0	%100
77	M75	X	0	0	0	%100
78	M75	Z	1.307	1.307	0	%100
79	M76A	X	0	0	0	%100
80	M76A	Z	4.245	4.245	0	%100
81	M77A	X	0	0	0	%100
82	M77A	Z	4.245	4.245	0	%100
83	M78	X	0	0	0	%100
84	M78	Z	1.544	1.544	0	%100
85	MP1A	X	0	0	0	%100
86	MP1A	Z	4.175	4.175	0	%100
87	MP2A	X	0	0	0	%100
88	MP2A	Z	4.175	4.175	0	%100
89	MP3A	X	0	0	0	%100
90	MP3A	Z	4.175	4.175	0	%100
91	MP4A	X	0	0	0	%100
92	MP4A	Z	4.175	4.175	0	%100
93	MP1C	X	0	0	0	%100
94	MP1C	Z	4.175	4.175	0	%100
95	MP2C	X	0	0	0	%100
96	MP2C	Z	4.175	4.175	0	%100
97	MP3C	X	0	0	0	%100
98	MP3C	Z	4.175	4.175	0	%100
99	MP4C	X	0	0	0	%100
100	MP4C	Z	4.175	4.175	0	%100
101	MP1B	X	0	0	0	%100
102	MP1B	Z	4.175	4.175	0	%100
103	MP2B	X	0	0	0	%100
104	MP2B	Z	4.175	4.175	0	%100
105	MP3B	X	0	0	0	%100
106	MP3B	Z	4.175	4.175	0	%100
107	MP4B	X	0	0	0	%100
108	MP4B	Z	4.175	4.175	0	%100
109	M104	X	0	0	0	%100
110	M104	Z	3.352	3.352	0	%100
111	M105	X	0	0	0	%100
112	M105	Z	4.759	4.759	0	%100
113	M106	X	0	0	0	%100
114	M106	Z	1.19	1.19	0	%100
115	M107	X	0	0	0	%100
116	M107	Z	1.19	1.19	0	%100
117	M114	X	0	0	0	%100
118	M114	Z	1.114	1.114	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft....	Start Location[ft, %]	End Location[ft, %]
119	M125A	X	0	0	0	%100
120	M125A	Z	1.114	1.114	0	%100
121	M128A	X	0	0	0	%100
122	M128A	Z	4.457	4.457	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft....	Start Location[ft, %]	End Location[ft, %]
1	M4	X	-.615	-.615	0	%100
2	M4	Z	1.066	1.066	0	%100
3	M10	X	-1.714	-1.714	0	%100
4	M10	Z	2.968	2.968	0	%100
5	M43	X	-1.714	-1.714	0	%100
6	M43	Z	2.968	2.968	0	%100
7	M46	X	-2.273	-2.273	0	%100
8	M46	Z	3.936	3.936	0	%100
9	M51B	X	-1.719	-1.719	0	%100
10	M51B	Z	2.978	2.978	0	%100
11	M52B	X	0	0	0	%100
12	M52B	Z	0	0	0	%100
13	M76	X	-.751	-.751	0	%100
14	M76	Z	1.301	1.301	0	%100
15	M77	X	-2.285	-2.285	0	%100
16	M77	Z	3.957	3.957	0	%100
17	M80	X	-2.378	-2.378	0	%100
18	M80	Z	4.118	4.118	0	%100
19	M84	X	-.751	-.751	0	%100
20	M84	Z	1.301	1.301	0	%100
21	M85	X	0	0	0	%100
22	M85	Z	0	0	0	%100
23	M91	X	0	0	0	%100
24	M91	Z	0	0	0	%100
25	M25	X	-.615	-.615	0	%100
26	M25	Z	1.066	1.066	0	%100
27	M26	X	-1.714	-1.714	0	%100
28	M26	Z	2.968	2.968	0	%100
29	M27	X	-1.714	-1.714	0	%100
30	M27	Z	2.968	2.968	0	%100
31	M28	X	-2.273	-2.273	0	%100
32	M28	Z	3.936	3.936	0	%100
33	M31	X	0	0	0	%100
34	M31	Z	0	0	0	%100
35	M32	X	-1.719	-1.719	0	%100
36	M32	Z	2.978	2.978	0	%100
37	M36	X	-.751	-.751	0	%100
38	M36	Z	1.301	1.301	0	%100
39	M37	X	0	0	0	%100
40	M37	Z	0	0	0	%100
41	M39	X	0	0	0	%100
42	M39	Z	0	0	0	%100
43	M41	X	-.751	-.751	0	%100
44	M41	Z	1.301	1.301	0	%100
45	M42	X	-2.285	-2.285	0	%100
46	M42	Z	3.957	3.957	0	%100
47	M44	X	-2.378	-2.378	0	%100
48	M44	Z	4.118	4.118	0	%100
49	M49	X	-2.461	-2.461	0	%100
50	M49	Z	4.263	4.263	0	%100
51	M50A	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
52	M50A	Z	0	0	0	%100
53	M51C	X	0	0	0	%100
54	M51C	Z	0	0	0	%100
55	M52A	X	0	0	0	%100
56	M52A	Z	0	0	0	%100
57	M55	X	-1.719	-1.719	0	%100
58	M55	Z	2.978	2.978	0	%100
59	M56	X	-1.719	-1.719	0	%100
60	M56	Z	2.978	2.978	0	%100
61	M60	X	-3.005	-3.005	0	%100
62	M60	Z	5.204	5.204	0	%100
63	M61	X	-2.285	-2.285	0	%100
64	M61	Z	3.957	3.957	0	%100
65	M63	X	-2.378	-2.378	0	%100
66	M63	Z	4.118	4.118	0	%100
67	M65	X	-3.005	-3.005	0	%100
68	M65	Z	5.204	5.204	0	%100
69	M66	X	-2.285	-2.285	0	%100
70	M66	Z	3.957	3.957	0	%100
71	M68	X	-2.378	-2.378	0	%100
72	M68	Z	4.118	4.118	0	%100
73	M73	X	-1.96	-1.96	0	%100
74	M73	Z	3.395	3.395	0	%100
75	M74	X	-1.96	-1.96	0	%100
76	M74	Z	3.395	3.395	0	%100
77	M75	X	0	0	0	%100
78	M75	Z	0	0	0	%100
79	M76A	X	-1.222	-1.222	0	%100
80	M76A	Z	2.117	2.117	0	%100
81	M77A	X	-2.573	-2.573	0	%100
82	M77A	Z	4.456	4.456	0	%100
83	M78	X	-1.222	-1.222	0	%100
84	M78	Z	2.117	2.117	0	%100
85	MP1A	X	-2.087	-2.087	0	%100
86	MP1A	Z	3.615	3.615	0	%100
87	MP2A	X	-2.087	-2.087	0	%100
88	MP2A	Z	3.615	3.615	0	%100
89	MP3A	X	-2.087	-2.087	0	%100
90	MP3A	Z	3.615	3.615	0	%100
91	MP4A	X	-2.087	-2.087	0	%100
92	MP4A	Z	3.615	3.615	0	%100
93	MP1C	X	-2.087	-2.087	0	%100
94	MP1C	Z	3.615	3.615	0	%100
95	MP2C	X	-2.087	-2.087	0	%100
96	MP2C	Z	3.615	3.615	0	%100
97	MP3C	X	-2.087	-2.087	0	%100
98	MP3C	Z	3.615	3.615	0	%100
99	MP4C	X	-2.087	-2.087	0	%100
100	MP4C	Z	3.615	3.615	0	%100
101	MP1B	X	-2.087	-2.087	0	%100
102	MP1B	Z	3.615	3.615	0	%100
103	MP2B	X	-2.087	-2.087	0	%100
104	MP2B	Z	3.615	3.615	0	%100
105	MP3B	X	-2.087	-2.087	0	%100
106	MP3B	Z	3.615	3.615	0	%100
107	MP4B	X	-2.087	-2.087	0	%100
108	MP4B	Z	3.615	3.615	0	%100
109	M104	X	-1.676	-1.676	0	%100
110	M104	Z	2.903	2.903	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...]	End Magnitude[lb/ft,...]	Start Location[ft,%]	End Location[ft,%]
111	M105	X	-1.785	-1.785	0	%100
112	M105	Z	3.091	3.091	0	%100
113	M106	X	-1.785	-1.785	0	%100
114	M106	Z	3.091	3.091	0	%100
115	M107	X	0	0	0	%100
116	M107	Z	0	0	0	%100
117	M114	X	-1.671	-1.671	0	%100
118	M114	Z	2.895	2.895	0	%100
119	M125A	X	0	0	0	%100
120	M125A	Z	0	0	0	%100
121	M128A	X	-1.671	-1.671	0	%100
122	M128A	Z	2.895	2.895	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...]	End Magnitude[lb/ft,...]	Start Location[ft,%]	End Location[ft,%]
1	M4	X	-3.197	-3.197	0	%100
2	M4	Z	1.846	1.846	0	%100
3	M10	X	-.989	-.989	0	%100
4	M10	Z	.571	.571	0	%100
5	M43	X	-.989	-.989	0	%100
6	M43	Z	.571	.571	0	%100
7	M46	X	-1.312	-1.312	0	%100
8	M46	Z	.758	.758	0	%100
9	M51B	X	-3.97	-3.97	0	%100
10	M51B	Z	2.292	2.292	0	%100
11	M52B	X	-.993	-.993	0	%100
12	M52B	Z	.573	.573	0	%100
13	M76	X	-3.903	-3.903	0	%100
14	M76	Z	2.254	2.254	0	%100
15	M77	X	-5.276	-5.276	0	%100
16	M77	Z	3.046	3.046	0	%100
17	M80	X	-5.491	-5.491	0	%100
18	M80	Z	3.17	3.17	0	%100
19	M84	X	-3.903	-3.903	0	%100
20	M84	Z	2.254	2.254	0	%100
21	M85	X	-1.319	-1.319	0	%100
22	M85	Z	.762	.762	0	%100
23	M91	X	-1.373	-1.373	0	%100
24	M91	Z	.793	.793	0	%100
25	M25	X	0	0	0	%100
26	M25	Z	0	0	0	%100
27	M26	X	-3.957	-3.957	0	%100
28	M26	Z	2.285	2.285	0	%100
29	M27	X	-3.957	-3.957	0	%100
30	M27	Z	2.285	2.285	0	%100
31	M28	X	-5.248	-5.248	0	%100
32	M28	Z	3.03	3.03	0	%100
33	M31	X	-.993	-.993	0	%100
34	M31	Z	.573	.573	0	%100
35	M32	X	-.993	-.993	0	%100
36	M32	Z	.573	.573	0	%100
37	M36	X	0	0	0	%100
38	M36	Z	0	0	0	%100
39	M37	X	-1.319	-1.319	0	%100
40	M37	Z	.762	.762	0	%100
41	M39	X	-1.373	-1.373	0	%100
42	M39	Z	.793	.793	0	%100
43	M41	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
44	M41	Z	0	0	0	%100
45	M42	X	-1.319	-1.319	0	%100
46	M42	Z	.762	.762	0	%100
47	M44	X	-1.373	-1.373	0	%100
48	M44	Z	.793	.793	0	%100
49	M49	X	-3.197	-3.197	0	%100
50	M49	Z	1.846	1.846	0	%100
51	M50A	X	-.989	-.989	0	%100
52	M50A	Z	.571	.571	0	%100
53	M51C	X	-.989	-.989	0	%100
54	M51C	Z	.571	.571	0	%100
55	M52A	X	-1.312	-1.312	0	%100
56	M52A	Z	.758	.758	0	%100
57	M55	X	-.993	-.993	0	%100
58	M55	Z	.573	.573	0	%100
59	M56	X	-3.97	-3.97	0	%100
60	M56	Z	2.292	2.292	0	%100
61	M60	X	-3.903	-3.903	0	%100
62	M60	Z	2.254	2.254	0	%100
63	M61	X	-1.319	-1.319	0	%100
64	M61	Z	.762	.762	0	%100
65	M63	X	-1.373	-1.373	0	%100
66	M63	Z	.793	.793	0	%100
67	M65	X	-3.903	-3.903	0	%100
68	M65	Z	2.254	2.254	0	%100
69	M66	X	-5.276	-5.276	0	%100
70	M66	Z	3.046	3.046	0	%100
71	M68	X	-5.491	-5.491	0	%100
72	M68	Z	3.17	3.17	0	%100
73	M73	X	-1.132	-1.132	0	%100
74	M73	Z	.653	.653	0	%100
75	M74	X	-4.526	-4.526	0	%100
76	M74	Z	2.613	2.613	0	%100
77	M75	X	-1.132	-1.132	0	%100
78	M75	Z	.653	.653	0	%100
79	M76A	X	-1.337	-1.337	0	%100
80	M76A	Z	.772	.772	0	%100
81	M77A	X	-3.676	-3.676	0	%100
82	M77A	Z	2.122	2.122	0	%100
83	M78	X	-3.676	-3.676	0	%100
84	M78	Z	2.122	2.122	0	%100
85	MP1A	X	-3.615	-3.615	0	%100
86	MP1A	Z	2.087	2.087	0	%100
87	MP2A	X	-3.615	-3.615	0	%100
88	MP2A	Z	2.087	2.087	0	%100
89	MP3A	X	-3.615	-3.615	0	%100
90	MP3A	Z	2.087	2.087	0	%100
91	MP4A	X	-3.615	-3.615	0	%100
92	MP4A	Z	2.087	2.087	0	%100
93	MP1C	X	-3.615	-3.615	0	%100
94	MP1C	Z	2.087	2.087	0	%100
95	MP2C	X	-3.615	-3.615	0	%100
96	MP2C	Z	2.087	2.087	0	%100
97	MP3C	X	-3.615	-3.615	0	%100
98	MP3C	Z	2.087	2.087	0	%100
99	MP4C	X	-3.615	-3.615	0	%100
100	MP4C	Z	2.087	2.087	0	%100
101	MP1B	X	-3.615	-3.615	0	%100
102	MP1B	Z	2.087	2.087	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
103	MP2B	X	-3.615	-3.615	0	%100
104	MP2B	Z	2.087	2.087	0	%100
105	MP3B	X	-3.615	-3.615	0	%100
106	MP3B	Z	2.087	2.087	0	%100
107	MP4B	X	-3.615	-3.615	0	%100
108	MP4B	Z	2.087	2.087	0	%100
109	M104	X	-2.903	-2.903	0	%100
110	M104	Z	1.676	1.676	0	%100
111	M105	X	-1.03	-1.03	0	%100
112	M105	Z	.595	.595	0	%100
113	M106	X	-4.122	-4.122	0	%100
114	M106	Z	2.38	2.38	0	%100
115	M107	X	-1.03	-1.03	0	%100
116	M107	Z	.595	.595	0	%100
117	M114	X	-3.86	-3.86	0	%100
118	M114	Z	2.229	2.229	0	%100
119	M125A	X	-.965	-.965	0	%100
120	M125A	Z	.557	.557	0	%100
121	M128A	X	-.965	-.965	0	%100
122	M128A	Z	.557	.557	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
1	M4	X	-4.922	-4.922	0	%100
2	M4	Z	0	0	0	%100
3	M10	X	0	0	0	%100
4	M10	Z	0	0	0	%100
5	M43	X	0	0	0	%100
6	M43	Z	0	0	0	%100
7	M46	X	0	0	0	%100
8	M46	Z	0	0	0	%100
9	M51B	X	-3.438	-3.438	0	%100
10	M51B	Z	0	0	0	%100
11	M52B	X	-3.438	-3.438	0	%100
12	M52B	Z	0	0	0	%100
13	M76	X	-6.009	-6.009	0	%100
14	M76	Z	0	0	0	%100
15	M77	X	-4.569	-4.569	0	%100
16	M77	Z	0	0	0	%100
17	M80	X	-4.756	-4.756	0	%100
18	M80	Z	0	0	0	%100
19	M84	X	-6.009	-6.009	0	%100
20	M84	Z	0	0	0	%100
21	M85	X	-4.569	-4.569	0	%100
22	M85	Z	0	0	0	%100
23	M91	X	-4.756	-4.756	0	%100
24	M91	Z	0	0	0	%100
25	M25	X	-1.231	-1.231	0	%100
26	M25	Z	0	0	0	%100
27	M26	X	-3.427	-3.427	0	%100
28	M26	Z	0	0	0	%100
29	M27	X	-3.427	-3.427	0	%100
30	M27	Z	0	0	0	%100
31	M28	X	-4.545	-4.545	0	%100
32	M28	Z	0	0	0	%100
33	M31	X	-3.438	-3.438	0	%100
34	M31	Z	0	0	0	%100
35	M32	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
36	M32	Z	0	0	0	%100
37	M36	X	-1.502	-1.502	0	%100
38	M36	Z	0	0	0	%100
39	M37	X	-4.569	-4.569	0	%100
40	M37	Z	0	0	0	%100
41	M39	X	-4.756	-4.756	0	%100
42	M39	Z	0	0	0	%100
43	M41	X	-1.502	-1.502	0	%100
44	M41	Z	0	0	0	%100
45	M42	X	0	0	0	%100
46	M42	Z	0	0	0	%100
47	M44	X	0	0	0	%100
48	M44	Z	0	0	0	%100
49	M49	X	-1.231	-1.231	0	%100
50	M49	Z	0	0	0	%100
51	M50A	X	-3.427	-3.427	0	%100
52	M50A	Z	0	0	0	%100
53	M51C	X	-3.427	-3.427	0	%100
54	M51C	Z	0	0	0	%100
55	M52A	X	-4.545	-4.545	0	%100
56	M52A	Z	0	0	0	%100
57	M55	X	0	0	0	%100
58	M55	Z	0	0	0	%100
59	M56	X	-3.438	-3.438	0	%100
60	M56	Z	0	0	0	%100
61	M60	X	-1.502	-1.502	0	%100
62	M60	Z	0	0	0	%100
63	M61	X	0	0	0	%100
64	M61	Z	0	0	0	%100
65	M63	X	0	0	0	%100
66	M63	Z	0	0	0	%100
67	M65	X	-1.502	-1.502	0	%100
68	M65	Z	0	0	0	%100
69	M66	X	-4.569	-4.569	0	%100
70	M66	Z	0	0	0	%100
71	M68	X	-4.756	-4.756	0	%100
72	M68	Z	0	0	0	%100
73	M73	X	0	0	0	%100
74	M73	Z	0	0	0	%100
75	M74	X	-3.92	-3.92	0	%100
76	M74	Z	0	0	0	%100
77	M75	X	-3.92	-3.92	0	%100
78	M75	Z	0	0	0	%100
79	M76A	X	-2.444	-2.444	0	%100
80	M76A	Z	0	0	0	%100
81	M77A	X	-2.444	-2.444	0	%100
82	M77A	Z	0	0	0	%100
83	M78	X	-5.145	-5.145	0	%100
84	M78	Z	0	0	0	%100
85	MP1A	X	-4.175	-4.175	0	%100
86	MP1A	Z	0	0	0	%100
87	MP2A	X	-4.175	-4.175	0	%100
88	MP2A	Z	0	0	0	%100
89	MP3A	X	-4.175	-4.175	0	%100
90	MP3A	Z	0	0	0	%100
91	MP4A	X	-4.175	-4.175	0	%100
92	MP4A	Z	0	0	0	%100
93	MP1C	X	-4.175	-4.175	0	%100
94	MP1C	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...]	End Magnitude[lb/ft,...]	Start Location[ft,%]	End Location[ft,%]
95	MP2C	X	-4.175	-4.175	0	%100
96	MP2C	Z	0	0	0	%100
97	MP3C	X	-4.175	-4.175	0	%100
98	MP3C	Z	0	0	0	%100
99	MP4C	X	-4.175	-4.175	0	%100
100	MP4C	Z	0	0	0	%100
101	MP1B	X	-4.175	-4.175	0	%100
102	MP1B	Z	0	0	0	%100
103	MP2B	X	-4.175	-4.175	0	%100
104	MP2B	Z	0	0	0	%100
105	MP3B	X	-4.175	-4.175	0	%100
106	MP3B	Z	0	0	0	%100
107	MP4B	X	-4.175	-4.175	0	%100
108	MP4B	Z	0	0	0	%100
109	M104	X	-3.352	-3.352	0	%100
110	M104	Z	0	0	0	%100
111	M105	X	0	0	0	%100
112	M105	Z	0	0	0	%100
113	M106	X	-3.569	-3.569	0	%100
114	M106	Z	0	0	0	%100
115	M107	X	-3.569	-3.569	0	%100
116	M107	Z	0	0	0	%100
117	M114	X	-3.343	-3.343	0	%100
118	M114	Z	0	0	0	%100
119	M125A	X	-3.343	-3.343	0	%100
120	M125A	Z	0	0	0	%100
121	M128A	X	0	0	0	%100
122	M128A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...]	End Magnitude[lb/ft,...]	Start Location[ft,%]	End Location[ft,%]
1	M4	X	-3.197	-3.197	0	%100
2	M4	Z	-1.846	-1.846	0	%100
3	M10	X	-.989	-.989	0	%100
4	M10	Z	-.571	-.571	0	%100
5	M43	X	-.989	-.989	0	%100
6	M43	Z	-.571	-.571	0	%100
7	M46	X	-1.312	-1.312	0	%100
8	M46	Z	-.758	-.758	0	%100
9	M51B	X	-.993	-.993	0	%100
10	M51B	Z	-.573	-.573	0	%100
11	M52B	X	-3.97	-3.97	0	%100
12	M52B	Z	-2.292	-2.292	0	%100
13	M76	X	-3.903	-3.903	0	%100
14	M76	Z	-2.254	-2.254	0	%100
15	M77	X	-1.319	-1.319	0	%100
16	M77	Z	-.762	-.762	0	%100
17	M80	X	-1.373	-1.373	0	%100
18	M80	Z	-.793	-.793	0	%100
19	M84	X	-3.903	-3.903	0	%100
20	M84	Z	-2.254	-2.254	0	%100
21	M85	X	-5.276	-5.276	0	%100
22	M85	Z	-3.046	-3.046	0	%100
23	M91	X	-5.491	-5.491	0	%100
24	M91	Z	-3.17	-3.17	0	%100
25	M25	X	-3.197	-3.197	0	%100
26	M25	Z	-1.846	-1.846	0	%100
27	M26	X	-.989	-.989	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
28	M26	Z	-.571	-.571	0	%100
29	M27	X	-.989	-.989	0	%100
30	M27	Z	-.571	-.571	0	%100
31	M28	X	-1.312	-1.312	0	%100
32	M28	Z	-.758	-.758	0	%100
33	M31	X	-3.97	-3.97	0	%100
34	M31	Z	-2.292	-2.292	0	%100
35	M32	X	-.993	-.993	0	%100
36	M32	Z	-.573	-.573	0	%100
37	M36	X	-3.903	-3.903	0	%100
38	M36	Z	-2.254	-2.254	0	%100
39	M37	X	-5.276	-5.276	0	%100
40	M37	Z	-3.046	-3.046	0	%100
41	M39	X	-5.491	-5.491	0	%100
42	M39	Z	-3.17	-3.17	0	%100
43	M41	X	-3.903	-3.903	0	%100
44	M41	Z	-2.254	-2.254	0	%100
45	M42	X	-1.319	-1.319	0	%100
46	M42	Z	-.762	-.762	0	%100
47	M44	X	-1.373	-1.373	0	%100
48	M44	Z	-.793	-.793	0	%100
49	M49	X	0	0	0	%100
50	M49	Z	0	0	0	%100
51	M50A	X	-3.957	-3.957	0	%100
52	M50A	Z	-2.285	-2.285	0	%100
53	M51C	X	-3.957	-3.957	0	%100
54	M51C	Z	-2.285	-2.285	0	%100
55	M52A	X	-5.248	-5.248	0	%100
56	M52A	Z	-3.03	-3.03	0	%100
57	M55	X	-.993	-.993	0	%100
58	M55	Z	-.573	-.573	0	%100
59	M56	X	-.993	-.993	0	%100
60	M56	Z	-.573	-.573	0	%100
61	M60	X	0	0	0	%100
62	M60	Z	0	0	0	%100
63	M61	X	-1.319	-1.319	0	%100
64	M61	Z	-.762	-.762	0	%100
65	M63	X	-1.373	-1.373	0	%100
66	M63	Z	-.793	-.793	0	%100
67	M65	X	0	0	0	%100
68	M65	Z	0	0	0	%100
69	M66	X	-1.319	-1.319	0	%100
70	M66	Z	-.762	-.762	0	%100
71	M68	X	-1.373	-1.373	0	%100
72	M68	Z	-.793	-.793	0	%100
73	M73	X	-1.132	-1.132	0	%100
74	M73	Z	-.653	-.653	0	%100
75	M74	X	-1.132	-1.132	0	%100
76	M74	Z	-.653	-.653	0	%100
77	M75	X	-4.526	-4.526	0	%100
78	M75	Z	-2.613	-2.613	0	%100
79	M76A	X	-3.676	-3.676	0	%100
80	M76A	Z	-2.122	-2.122	0	%100
81	M77A	X	-1.337	-1.337	0	%100
82	M77A	Z	-.772	-.772	0	%100
83	M78	X	-3.676	-3.676	0	%100
84	M78	Z	-2.122	-2.122	0	%100
85	MP1A	X	-3.615	-3.615	0	%100
86	MP1A	Z	-2.087	-2.087	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...]	End Magnitude[lb/ft,...]	Start Location[ft,%]	End Location[ft,%]
87	MP2A	X	-3.615	-3.615	0	%100
88	MP2A	Z	-2.087	-2.087	0	%100
89	MP3A	X	-3.615	-3.615	0	%100
90	MP3A	Z	-2.087	-2.087	0	%100
91	MP4A	X	-3.615	-3.615	0	%100
92	MP4A	Z	-2.087	-2.087	0	%100
93	MP1C	X	-3.615	-3.615	0	%100
94	MP1C	Z	-2.087	-2.087	0	%100
95	MP2C	X	-3.615	-3.615	0	%100
96	MP2C	Z	-2.087	-2.087	0	%100
97	MP3C	X	-3.615	-3.615	0	%100
98	MP3C	Z	-2.087	-2.087	0	%100
99	MP4C	X	-3.615	-3.615	0	%100
100	MP4C	Z	-2.087	-2.087	0	%100
101	MP1B	X	-3.615	-3.615	0	%100
102	MP1B	Z	-2.087	-2.087	0	%100
103	MP2B	X	-3.615	-3.615	0	%100
104	MP2B	Z	-2.087	-2.087	0	%100
105	MP3B	X	-3.615	-3.615	0	%100
106	MP3B	Z	-2.087	-2.087	0	%100
107	MP4B	X	-3.615	-3.615	0	%100
108	MP4B	Z	-2.087	-2.087	0	%100
109	M104	X	-2.903	-2.903	0	%100
110	M104	Z	-1.676	-1.676	0	%100
111	M105	X	-1.03	-1.03	0	%100
112	M105	Z	-.595	-.595	0	%100
113	M106	X	-1.03	-1.03	0	%100
114	M106	Z	-.595	-.595	0	%100
115	M107	X	-4.122	-4.122	0	%100
116	M107	Z	-2.38	-2.38	0	%100
117	M114	X	-.965	-.965	0	%100
118	M114	Z	-.557	-.557	0	%100
119	M125A	X	-3.86	-3.86	0	%100
120	M125A	Z	-2.229	-2.229	0	%100
121	M128A	X	-.965	-.965	0	%100
122	M128A	Z	-.557	-.557	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...]	End Magnitude[lb/ft,...]	Start Location[ft,%]	End Location[ft,%]
1	M4	X	-.615	-.615	0	%100
2	M4	Z	-1.066	-1.066	0	%100
3	M10	X	-1.714	-1.714	0	%100
4	M10	Z	-2.968	-2.968	0	%100
5	M43	X	-1.714	-1.714	0	%100
6	M43	Z	-2.968	-2.968	0	%100
7	M46	X	-2.273	-2.273	0	%100
8	M46	Z	-3.936	-3.936	0	%100
9	M51B	X	0	0	0	%100
10	M51B	Z	0	0	0	%100
11	M52B	X	-1.719	-1.719	0	%100
12	M52B	Z	-2.978	-2.978	0	%100
13	M76	X	-.751	-.751	0	%100
14	M76	Z	-1.301	-1.301	0	%100
15	M77	X	0	0	0	%100
16	M77	Z	0	0	0	%100
17	M80	X	0	0	0	%100
18	M80	Z	0	0	0	%100
19	M84	X	-.751	-.751	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
20	M84	Z	-1.301	-1.301	0	%100
21	M85	X	-2.285	-2.285	0	%100
22	M85	Z	-3.957	-3.957	0	%100
23	M91	X	-2.378	-2.378	0	%100
24	M91	Z	-4.118	-4.118	0	%100
25	M25	X	-2.461	-2.461	0	%100
26	M25	Z	-4.263	-4.263	0	%100
27	M26	X	0	0	0	%100
28	M26	Z	0	0	0	%100
29	M27	X	0	0	0	%100
30	M27	Z	0	0	0	%100
31	M28	X	0	0	0	%100
32	M28	Z	0	0	0	%100
33	M31	X	-1.719	-1.719	0	%100
34	M31	Z	-2.978	-2.978	0	%100
35	M32	X	-1.719	-1.719	0	%100
36	M32	Z	-2.978	-2.978	0	%100
37	M36	X	-3.005	-3.005	0	%100
38	M36	Z	-5.204	-5.204	0	%100
39	M37	X	-2.285	-2.285	0	%100
40	M37	Z	-3.957	-3.957	0	%100
41	M39	X	-2.378	-2.378	0	%100
42	M39	Z	-4.118	-4.118	0	%100
43	M41	X	-3.005	-3.005	0	%100
44	M41	Z	-5.204	-5.204	0	%100
45	M42	X	-2.285	-2.285	0	%100
46	M42	Z	-3.957	-3.957	0	%100
47	M44	X	-2.378	-2.378	0	%100
48	M44	Z	-4.118	-4.118	0	%100
49	M49	X	-.615	-.615	0	%100
50	M49	Z	-1.066	-1.066	0	%100
51	M50A	X	-1.714	-1.714	0	%100
52	M50A	Z	-2.968	-2.968	0	%100
53	M51C	X	-1.714	-1.714	0	%100
54	M51C	Z	-2.968	-2.968	0	%100
55	M52A	X	-2.273	-2.273	0	%100
56	M52A	Z	-3.936	-3.936	0	%100
57	M55	X	-1.719	-1.719	0	%100
58	M55	Z	-2.978	-2.978	0	%100
59	M56	X	0	0	0	%100
60	M56	Z	0	0	0	%100
61	M60	X	-.751	-.751	0	%100
62	M60	Z	-1.301	-1.301	0	%100
63	M61	X	-2.285	-2.285	0	%100
64	M61	Z	-3.957	-3.957	0	%100
65	M63	X	-2.378	-2.378	0	%100
66	M63	Z	-4.118	-4.118	0	%100
67	M65	X	-.751	-.751	0	%100
68	M65	Z	-1.301	-1.301	0	%100
69	M66	X	0	0	0	%100
70	M66	Z	0	0	0	%100
71	M68	X	0	0	0	%100
72	M68	Z	0	0	0	%100
73	M73	X	-1.96	-1.96	0	%100
74	M73	Z	-3.395	-3.395	0	%100
75	M74	X	0	0	0	%100
76	M74	Z	0	0	0	%100
77	M75	X	-1.96	-1.96	0	%100
78	M75	Z	-3.395	-3.395	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft,%]	End Location[ft,%]
79	M76A	X	-2.573	-2.573	0	%100
80	M76A	Z	-4.456	-4.456	0	%100
81	M77A	X	-1.222	-1.222	0	%100
82	M77A	Z	-2.117	-2.117	0	%100
83	M78	X	-1.222	-1.222	0	%100
84	M78	Z	-2.117	-2.117	0	%100
85	MP1A	X	-2.087	-2.087	0	%100
86	MP1A	Z	-3.615	-3.615	0	%100
87	MP2A	X	-2.087	-2.087	0	%100
88	MP2A	Z	-3.615	-3.615	0	%100
89	MP3A	X	-2.087	-2.087	0	%100
90	MP3A	Z	-3.615	-3.615	0	%100
91	MP4A	X	-2.087	-2.087	0	%100
92	MP4A	Z	-3.615	-3.615	0	%100
93	MP1C	X	-2.087	-2.087	0	%100
94	MP1C	Z	-3.615	-3.615	0	%100
95	MP2C	X	-2.087	-2.087	0	%100
96	MP2C	Z	-3.615	-3.615	0	%100
97	MP3C	X	-2.087	-2.087	0	%100
98	MP3C	Z	-3.615	-3.615	0	%100
99	MP4C	X	-2.087	-2.087	0	%100
100	MP4C	Z	-3.615	-3.615	0	%100
101	MP1B	X	-2.087	-2.087	0	%100
102	MP1B	Z	-3.615	-3.615	0	%100
103	MP2B	X	-2.087	-2.087	0	%100
104	MP2B	Z	-3.615	-3.615	0	%100
105	MP3B	X	-2.087	-2.087	0	%100
106	MP3B	Z	-3.615	-3.615	0	%100
107	MP4B	X	-2.087	-2.087	0	%100
108	MP4B	Z	-3.615	-3.615	0	%100
109	M104	X	-1.676	-1.676	0	%100
110	M104	Z	-2.903	-2.903	0	%100
111	M105	X	-1.785	-1.785	0	%100
112	M105	Z	-3.091	-3.091	0	%100
113	M106	X	0	0	0	%100
114	M106	Z	0	0	0	%100
115	M107	X	-1.785	-1.785	0	%100
116	M107	Z	-3.091	-3.091	0	%100
117	M114	X	0	0	0	%100
118	M114	Z	0	0	0	%100
119	M125A	X	-1.671	-1.671	0	%100
120	M125A	Z	-2.895	-2.895	0	%100
121	M128A	X	-1.671	-1.671	0	%100
122	M128A	Z	-2.895	-2.895	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft,%]	End Location[ft,%]
1	M4	X	0	0	0	%100
2	M4	Z	0	0	0	%100
3	M10	X	0	0	0	%100
4	M10	Z	-.998	-.998	0	%100
5	M43	X	0	0	0	%100
6	M43	Z	-.998	-.998	0	%100
7	M46	X	0	0	0	%100
8	M46	Z	-1.616	-1.616	0	%100
9	M51B	X	0	0	0	%100
10	M51B	Z	-.224	-.224	0	%100
11	M52B	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude/lb/ft....	End Magnitude/lb/ft....	Start Location[ft.%]	End Location[ft.%]
12	M52B	Z	-.224	-.224	0	%100
13	M76	X	0	0	0	%100
14	M76	Z	0	0	0	%100
15	M77	X	0	0	0	%100
16	M77	Z	-.411	-.411	0	%100
17	M80	X	0	0	0	%100
18	M80	Z	-.433	-.433	0	%100
19	M84	X	0	0	0	%100
20	M84	Z	0	0	0	%100
21	M85	X	0	0	0	%100
22	M85	Z	-.411	-.411	0	%100
23	M91	X	0	0	0	%100
24	M91	Z	-.433	-.433	0	%100
25	M25	X	0	0	0	%100
26	M25	Z	-.718	-.718	0	%100
27	M26	X	0	0	0	%100
28	M26	Z	-.25	-.25	0	%100
29	M27	X	0	0	0	%100
30	M27	Z	-.25	-.25	0	%100
31	M28	X	0	0	0	%100
32	M28	Z	-.404	-.404	0	%100
33	M31	X	0	0	0	%100
34	M31	Z	-.224	-.224	0	%100
35	M32	X	0	0	0	%100
36	M32	Z	-.897	-.897	0	%100
37	M36	X	0	0	0	%100
38	M36	Z	-1.212	-1.212	0	%100
39	M37	X	0	0	0	%100
40	M37	Z	-.411	-.411	0	%100
41	M39	X	0	0	0	%100
42	M39	Z	-.433	-.433	0	%100
43	M41	X	0	0	0	%100
44	M41	Z	-1.212	-1.212	0	%100
45	M42	X	0	0	0	%100
46	M42	Z	-1.645	-1.645	0	%100
47	M44	X	0	0	0	%100
48	M44	Z	-1.733	-1.733	0	%100
49	M49	X	0	0	0	%100
50	M49	Z	-.718	-.718	0	%100
51	M50A	X	0	0	0	%100
52	M50A	Z	-.25	-.25	0	%100
53	M51C	X	0	0	0	%100
54	M51C	Z	-.25	-.25	0	%100
55	M52A	X	0	0	0	%100
56	M52A	Z	-.404	-.404	0	%100
57	M55	X	0	0	0	%100
58	M55	Z	-.897	-.897	0	%100
59	M56	X	0	0	0	%100
60	M56	Z	-.224	-.224	0	%100
61	M60	X	0	0	0	%100
62	M60	Z	-1.212	-1.212	0	%100
63	M61	X	0	0	0	%100
64	M61	Z	-1.645	-1.645	0	%100
65	M63	X	0	0	0	%100
66	M63	Z	-1.733	-1.733	0	%100
67	M65	X	0	0	0	%100
68	M65	Z	-1.212	-1.212	0	%100
69	M66	X	0	0	0	%100
70	M66	Z	-.411	-.411	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft, %]	End Location[ft, %]
71	M68	X	0	0	0	%100
72	M68	Z	-.433	-.433	0	%100
73	M73	X	0	0	0	%100
74	M73	Z	-.899	-.899	0	%100
75	M74	X	0	0	0	%100
76	M74	Z	-.225	-.225	0	%100
77	M75	X	0	0	0	%100
78	M75	Z	-.225	-.225	0	%100
79	M76A	X	0	0	0	%100
80	M76A	Z	-.877	-.877	0	%100
81	M77A	X	0	0	0	%100
82	M77A	Z	-.877	-.877	0	%100
83	M78	X	0	0	0	%100
84	M78	Z	-.297	-.297	0	%100
85	MP1A	X	0	0	0	%100
86	MP1A	Z	-.639	-.639	0	%100
87	MP2A	X	0	0	0	%100
88	MP2A	Z	-.639	-.639	0	%100
89	MP3A	X	0	0	0	%100
90	MP3A	Z	-.639	-.639	0	%100
91	MP4A	X	0	0	0	%100
92	MP4A	Z	-.639	-.639	0	%100
93	MP1C	X	0	0	0	%100
94	MP1C	Z	-.639	-.639	0	%100
95	MP2C	X	0	0	0	%100
96	MP2C	Z	-.639	-.639	0	%100
97	MP3C	X	0	0	0	%100
98	MP3C	Z	-.639	-.639	0	%100
99	MP4C	X	0	0	0	%100
100	MP4C	Z	-.639	-.639	0	%100
101	MP1B	X	0	0	0	%100
102	MP1B	Z	-.639	-.639	0	%100
103	MP2B	X	0	0	0	%100
104	MP2B	Z	-.639	-.639	0	%100
105	MP3B	X	0	0	0	%100
106	MP3B	Z	-.639	-.639	0	%100
107	MP4B	X	0	0	0	%100
108	MP4B	Z	-.639	-.639	0	%100
109	M104	X	0	0	0	%100
110	M104	Z	-.523	-.523	0	%100
111	M105	X	0	0	0	%100
112	M105	Z	-.774	-.774	0	%100
113	M106	X	0	0	0	%100
114	M106	Z	-.194	-.194	0	%100
115	M107	X	0	0	0	%100
116	M107	Z	-.194	-.194	0	%100
117	M114	X	0	0	0	%100
118	M114	Z	-.244	-.244	0	%100
119	M125A	X	0	0	0	%100
120	M125A	Z	-.244	-.244	0	%100
121	M128A	X	0	0	0	%100
122	M128A	Z	-.974	-.974	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft, %]	End Location[ft, %]
1	M4	X	.12	.12	0	%100
2	M4	Z	-.207	-.207	0	%100
3	M10	X	.374	.374	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
4	M10	Z	-.649	-.649	0	%100
5	M43	X	.374	.374	0	%100
6	M43	Z	-.649	-.649	0	%100
7	M46	X	.606	.606	0	%100
8	M46	Z	-1.049	-1.049	0	%100
9	M51B	X	.336	.336	0	%100
10	M51B	Z	-.583	-.583	0	%100
11	M52B	X	0	0	0	%100
12	M52B	Z	0	0	0	%100
13	M76	X	.202	.202	0	%100
14	M76	Z	-.35	-.35	0	%100
15	M77	X	.617	.617	0	%100
16	M77	Z	-1.069	-1.069	0	%100
17	M80	X	.65	.65	0	%100
18	M80	Z	-1.126	-1.126	0	%100
19	M84	X	.202	.202	0	%100
20	M84	Z	-.35	-.35	0	%100
21	M85	X	0	0	0	%100
22	M85	Z	0	0	0	%100
23	M91	X	0	0	0	%100
24	M91	Z	0	0	0	%100
25	M25	X	.12	.12	0	%100
26	M25	Z	-.207	-.207	0	%100
27	M26	X	.374	.374	0	%100
28	M26	Z	-.649	-.649	0	%100
29	M27	X	.374	.374	0	%100
30	M27	Z	-.649	-.649	0	%100
31	M28	X	.606	.606	0	%100
32	M28	Z	-1.049	-1.049	0	%100
33	M31	X	0	0	0	%100
34	M31	Z	0	0	0	%100
35	M32	X	.336	.336	0	%100
36	M32	Z	-.583	-.583	0	%100
37	M36	X	.202	.202	0	%100
38	M36	Z	-.35	-.35	0	%100
39	M37	X	0	0	0	%100
40	M37	Z	0	0	0	%100
41	M39	X	0	0	0	%100
42	M39	Z	0	0	0	%100
43	M41	X	.202	.202	0	%100
44	M41	Z	-.35	-.35	0	%100
45	M42	X	.617	.617	0	%100
46	M42	Z	-1.069	-1.069	0	%100
47	M44	X	.65	.65	0	%100
48	M44	Z	-1.126	-1.126	0	%100
49	M49	X	.479	.479	0	%100
50	M49	Z	-.829	-.829	0	%100
51	M50A	X	0	0	0	%100
52	M50A	Z	0	0	0	%100
53	M51C	X	0	0	0	%100
54	M51C	Z	0	0	0	%100
55	M52A	X	0	0	0	%100
56	M52A	Z	0	0	0	%100
57	M55	X	.336	.336	0	%100
58	M55	Z	-.583	-.583	0	%100
59	M56	X	.336	.336	0	%100
60	M56	Z	-.583	-.583	0	%100
61	M60	X	.808	.808	0	%100
62	M60	Z	-1.399	-1.399	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
63	M61	X	.617	.617	0	%100
64	M61	Z	-1.069	-1.069	0	%100
65	M63	X	.65	.65	0	%100
66	M63	Z	-1.126	-1.126	0	%100
67	M65	X	.808	.808	0	%100
68	M65	Z	-1.399	-1.399	0	%100
69	M66	X	.617	.617	0	%100
70	M66	Z	-1.069	-1.069	0	%100
71	M68	X	.65	.65	0	%100
72	M68	Z	-1.126	-1.126	0	%100
73	M73	X	.337	.337	0	%100
74	M73	Z	-.584	-.584	0	%100
75	M74	X	.337	.337	0	%100
76	M74	Z	-.584	-.584	0	%100
77	M75	X	0	0	0	%100
78	M75	Z	0	0	0	%100
79	M76A	X	.245	.245	0	%100
80	M76A	Z	-.425	-.425	0	%100
81	M77A	X	.535	.535	0	%100
82	M77A	Z	-.927	-.927	0	%100
83	M78	X	.245	.245	0	%100
84	M78	Z	-.425	-.425	0	%100
85	MP1A	X	.32	.32	0	%100
86	MP1A	Z	-.554	-.554	0	%100
87	MP2A	X	.32	.32	0	%100
88	MP2A	Z	-.554	-.554	0	%100
89	MP3A	X	.32	.32	0	%100
90	MP3A	Z	-.554	-.554	0	%100
91	MP4A	X	.32	.32	0	%100
92	MP4A	Z	-.554	-.554	0	%100
93	MP1C	X	.32	.32	0	%100
94	MP1C	Z	-.554	-.554	0	%100
95	MP2C	X	.32	.32	0	%100
96	MP2C	Z	-.554	-.554	0	%100
97	MP3C	X	.32	.32	0	%100
98	MP3C	Z	-.554	-.554	0	%100
99	MP4C	X	.32	.32	0	%100
100	MP4C	Z	-.554	-.554	0	%100
101	MP1B	X	.32	.32	0	%100
102	MP1B	Z	-.554	-.554	0	%100
103	MP2B	X	.32	.32	0	%100
104	MP2B	Z	-.554	-.554	0	%100
105	MP3B	X	.32	.32	0	%100
106	MP3B	Z	-.554	-.554	0	%100
107	MP4B	X	.32	.32	0	%100
108	MP4B	Z	-.554	-.554	0	%100
109	M104	X	.261	.261	0	%100
110	M104	Z	-.453	-.453	0	%100
111	M105	X	.29	.29	0	%100
112	M105	Z	-.503	-.503	0	%100
113	M106	X	.29	.29	0	%100
114	M106	Z	-.503	-.503	0	%100
115	M107	X	0	0	0	%100
116	M107	Z	0	0	0	%100
117	M114	X	.365	.365	0	%100
118	M114	Z	-.633	-.633	0	%100
119	M125A	X	0	0	0	%100
120	M125A	Z	0	0	0	%100
121	M128A	X	.365	.365	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
122	M128A	Z	-.633	-.633	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
1	M4	X	.622	.622	0	%100
2	M4	Z	-.359	-.359	0	%100
3	M10	X	.216	.216	0	%100
4	M10	Z	-.125	-.125	0	%100
5	M43	X	.216	.216	0	%100
6	M43	Z	-.125	-.125	0	%100
7	M46	X	.35	.35	0	%100
8	M46	Z	-.202	-.202	0	%100
9	M51B	X	.777	.777	0	%100
10	M51B	Z	-.449	-.449	0	%100
11	M52B	X	.194	.194	0	%100
12	M52B	Z	-.112	-.112	0	%100
13	M76	X	1.049	1.049	0	%100
14	M76	Z	-.606	-.606	0	%100
15	M77	X	1.425	1.425	0	%100
16	M77	Z	-.823	-.823	0	%100
17	M80	X	1.501	1.501	0	%100
18	M80	Z	-.867	-.867	0	%100
19	M84	X	1.049	1.049	0	%100
20	M84	Z	-.606	-.606	0	%100
21	M85	X	.356	.356	0	%100
22	M85	Z	-.206	-.206	0	%100
23	M91	X	.375	.375	0	%100
24	M91	Z	-.217	-.217	0	%100
25	M25	X	0	0	0	%100
26	M25	Z	0	0	0	%100
27	M26	X	.865	.865	0	%100
28	M26	Z	-.499	-.499	0	%100
29	M27	X	.865	.865	0	%100
30	M27	Z	-.499	-.499	0	%100
31	M28	X	1.399	1.399	0	%100
32	M28	Z	-.808	-.808	0	%100
33	M31	X	.194	.194	0	%100
34	M31	Z	-.112	-.112	0	%100
35	M32	X	.194	.194	0	%100
36	M32	Z	-.112	-.112	0	%100
37	M36	X	0	0	0	%100
38	M36	Z	0	0	0	%100
39	M37	X	.356	.356	0	%100
40	M37	Z	-.206	-.206	0	%100
41	M39	X	.375	.375	0	%100
42	M39	Z	-.217	-.217	0	%100
43	M41	X	0	0	0	%100
44	M41	Z	0	0	0	%100
45	M42	X	.356	.356	0	%100
46	M42	Z	-.206	-.206	0	%100
47	M44	X	.375	.375	0	%100
48	M44	Z	-.217	-.217	0	%100
49	M49	X	.622	.622	0	%100
50	M49	Z	-.359	-.359	0	%100
51	M50A	X	.216	.216	0	%100
52	M50A	Z	-.125	-.125	0	%100
53	M51C	X	.216	.216	0	%100
54	M51C	Z	-.125	-.125	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
55	M52A	X	.35	.35	0	%100
56	M52A	Z	-.202	-.202	0	%100
57	M55	X	.194	.194	0	%100
58	M55	Z	-.112	-.112	0	%100
59	M56	X	.777	.777	0	%100
60	M56	Z	-.449	-.449	0	%100
61	M60	X	1.049	1.049	0	%100
62	M60	Z	-.606	-.606	0	%100
63	M61	X	.356	.356	0	%100
64	M61	Z	-.206	-.206	0	%100
65	M63	X	.375	.375	0	%100
66	M63	Z	-.217	-.217	0	%100
67	M65	X	1.049	1.049	0	%100
68	M65	Z	-.606	-.606	0	%100
69	M66	X	1.425	1.425	0	%100
70	M66	Z	-.823	-.823	0	%100
71	M68	X	1.501	1.501	0	%100
72	M68	Z	-.867	-.867	0	%100
73	M73	X	.195	.195	0	%100
74	M73	Z	-.112	-.112	0	%100
75	M74	X	.778	.778	0	%100
76	M74	Z	-.449	-.449	0	%100
77	M75	X	.195	.195	0	%100
78	M75	Z	-.112	-.112	0	%100
79	M76A	X	.257	.257	0	%100
80	M76A	Z	-.149	-.149	0	%100
81	M77A	X	.76	.76	0	%100
82	M77A	Z	-.439	-.439	0	%100
83	M78	X	.76	.76	0	%100
84	M78	Z	-.439	-.439	0	%100
85	MP1A	X	.554	.554	0	%100
86	MP1A	Z	-.32	-.32	0	%100
87	MP2A	X	.554	.554	0	%100
88	MP2A	Z	-.32	-.32	0	%100
89	MP3A	X	.554	.554	0	%100
90	MP3A	Z	-.32	-.32	0	%100
91	MP4A	X	.554	.554	0	%100
92	MP4A	Z	-.32	-.32	0	%100
93	MP1C	X	.554	.554	0	%100
94	MP1C	Z	-.32	-.32	0	%100
95	MP2C	X	.554	.554	0	%100
96	MP2C	Z	-.32	-.32	0	%100
97	MP3C	X	.554	.554	0	%100
98	MP3C	Z	-.32	-.32	0	%100
99	MP4C	X	.554	.554	0	%100
100	MP4C	Z	-.32	-.32	0	%100
101	MP1B	X	.554	.554	0	%100
102	MP1B	Z	-.32	-.32	0	%100
103	MP2B	X	.554	.554	0	%100
104	MP2B	Z	-.32	-.32	0	%100
105	MP3B	X	.554	.554	0	%100
106	MP3B	Z	-.32	-.32	0	%100
107	MP4B	X	.554	.554	0	%100
108	MP4B	Z	-.32	-.32	0	%100
109	M104	X	.453	.453	0	%100
110	M104	Z	-.261	-.261	0	%100
111	M105	X	.168	.168	0	%100
112	M105	Z	-.097	-.097	0	%100
113	M106	X	.67	.67	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
114	M106	Z	-.387	-.387	0	%100
115	M107	X	.168	.168	0	%100
116	M107	Z	-.097	-.097	0	%100
117	M114	X	.844	.844	0	%100
118	M114	Z	-.487	-.487	0	%100
119	M125A	X	.211	.211	0	%100
120	M125A	Z	-.122	-.122	0	%100
121	M128A	X	.211	.211	0	%100
122	M128A	Z	-.122	-.122	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
1	M4	X	.957	.957	0	%100
2	M4	Z	0	0	0	%100
3	M10	X	0	0	0	%100
4	M10	Z	0	0	0	%100
5	M43	X	0	0	0	%100
6	M43	Z	0	0	0	%100
7	M46	X	0	0	0	%100
8	M46	Z	0	0	0	%100
9	M51B	X	.673	.673	0	%100
10	M51B	Z	0	0	0	%100
11	M52B	X	.673	.673	0	%100
12	M52B	Z	0	0	0	%100
13	M76	X	1.616	1.616	0	%100
14	M76	Z	0	0	0	%100
15	M77	X	1.234	1.234	0	%100
16	M77	Z	0	0	0	%100
17	M80	X	1.3	1.3	0	%100
18	M80	Z	0	0	0	%100
19	M84	X	1.616	1.616	0	%100
20	M84	Z	0	0	0	%100
21	M85	X	1.234	1.234	0	%100
22	M85	Z	0	0	0	%100
23	M91	X	1.3	1.3	0	%100
24	M91	Z	0	0	0	%100
25	M25	X	.239	.239	0	%100
26	M25	Z	0	0	0	%100
27	M26	X	.749	.749	0	%100
28	M26	Z	0	0	0	%100
29	M27	X	.749	.749	0	%100
30	M27	Z	0	0	0	%100
31	M28	X	1.212	1.212	0	%100
32	M28	Z	0	0	0	%100
33	M31	X	.673	.673	0	%100
34	M31	Z	0	0	0	%100
35	M32	X	0	0	0	%100
36	M32	Z	0	0	0	%100
37	M36	X	.404	.404	0	%100
38	M36	Z	0	0	0	%100
39	M37	X	1.234	1.234	0	%100
40	M37	Z	0	0	0	%100
41	M39	X	1.3	1.3	0	%100
42	M39	Z	0	0	0	%100
43	M41	X	.404	.404	0	%100
44	M41	Z	0	0	0	%100
45	M42	X	0	0	0	%100
46	M42	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
47	M44	X	0	0	0	%100
48	M44	Z	0	0	0	%100
49	M49	X	.239	.239	0	%100
50	M49	Z	0	0	0	%100
51	M50A	X	.749	.749	0	%100
52	M50A	Z	0	0	0	%100
53	M51C	X	.749	.749	0	%100
54	M51C	Z	0	0	0	%100
55	M52A	X	1.212	1.212	0	%100
56	M52A	Z	0	0	0	%100
57	M55	X	0	0	0	%100
58	M55	Z	0	0	0	%100
59	M56	X	.673	.673	0	%100
60	M56	Z	0	0	0	%100
61	M60	X	.404	.404	0	%100
62	M60	Z	0	0	0	%100
63	M61	X	0	0	0	%100
64	M61	Z	0	0	0	%100
65	M63	X	0	0	0	%100
66	M63	Z	0	0	0	%100
67	M65	X	.404	.404	0	%100
68	M65	Z	0	0	0	%100
69	M66	X	1.234	1.234	0	%100
70	M66	Z	0	0	0	%100
71	M68	X	1.3	1.3	0	%100
72	M68	Z	0	0	0	%100
73	M73	X	0	0	0	%100
74	M73	Z	0	0	0	%100
75	M74	X	.674	.674	0	%100
76	M74	Z	0	0	0	%100
77	M75	X	.674	.674	0	%100
78	M75	Z	0	0	0	%100
79	M76A	X	.49	.49	0	%100
80	M76A	Z	0	0	0	%100
81	M77A	X	.49	.49	0	%100
82	M77A	Z	0	0	0	%100
83	M78	X	1.07	1.07	0	%100
84	M78	Z	0	0	0	%100
85	MP1A	X	.639	.639	0	%100
86	MP1A	Z	0	0	0	%100
87	MP2A	X	.639	.639	0	%100
88	MP2A	Z	0	0	0	%100
89	MP3A	X	.639	.639	0	%100
90	MP3A	Z	0	0	0	%100
91	MP4A	X	.639	.639	0	%100
92	MP4A	Z	0	0	0	%100
93	MP1C	X	.639	.639	0	%100
94	MP1C	Z	0	0	0	%100
95	MP2C	X	.639	.639	0	%100
96	MP2C	Z	0	0	0	%100
97	MP3C	X	.639	.639	0	%100
98	MP3C	Z	0	0	0	%100
99	MP4C	X	.639	.639	0	%100
100	MP4C	Z	0	0	0	%100
101	MP1B	X	.639	.639	0	%100
102	MP1B	Z	0	0	0	%100
103	MP2B	X	.639	.639	0	%100
104	MP2B	Z	0	0	0	%100
105	MP3B	X	.639	.639	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
106	MP3B	Z	0	0	0	%100
107	MP4B	X	.639	.639	0	%100
108	MP4B	Z	0	0	0	%100
109	M104	X	.523	.523	0	%100
110	M104	Z	0	0	0	%100
111	M105	X	0	0	0	%100
112	M105	Z	0	0	0	%100
113	M106	X	.581	.581	0	%100
114	M106	Z	0	0	0	%100
115	M107	X	.581	.581	0	%100
116	M107	Z	0	0	0	%100
117	M114	X	.731	.731	0	%100
118	M114	Z	0	0	0	%100
119	M125A	X	.731	.731	0	%100
120	M125A	Z	0	0	0	%100
121	M128A	X	0	0	0	%100
122	M128A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
1	M4	X	.622	.622	0	%100
2	M4	Z	.359	.359	0	%100
3	M10	X	.216	.216	0	%100
4	M10	Z	.125	.125	0	%100
5	M43	X	.216	.216	0	%100
6	M43	Z	.125	.125	0	%100
7	M46	X	.35	.35	0	%100
8	M46	Z	.202	.202	0	%100
9	M51B	X	.194	.194	0	%100
10	M51B	Z	.112	.112	0	%100
11	M52B	X	.777	.777	0	%100
12	M52B	Z	.449	.449	0	%100
13	M76	X	1.049	1.049	0	%100
14	M76	Z	.606	.606	0	%100
15	M77	X	.356	.356	0	%100
16	M77	Z	.206	.206	0	%100
17	M80	X	.375	.375	0	%100
18	M80	Z	.217	.217	0	%100
19	M84	X	1.049	1.049	0	%100
20	M84	Z	.606	.606	0	%100
21	M85	X	1.425	1.425	0	%100
22	M85	Z	.823	.823	0	%100
23	M91	X	1.501	1.501	0	%100
24	M91	Z	.867	.867	0	%100
25	M25	X	.622	.622	0	%100
26	M25	Z	.359	.359	0	%100
27	M26	X	.216	.216	0	%100
28	M26	Z	.125	.125	0	%100
29	M27	X	.216	.216	0	%100
30	M27	Z	.125	.125	0	%100
31	M28	X	.35	.35	0	%100
32	M28	Z	.202	.202	0	%100
33	M31	X	.777	.777	0	%100
34	M31	Z	.449	.449	0	%100
35	M32	X	.194	.194	0	%100
36	M32	Z	.112	.112	0	%100
37	M36	X	1.049	1.049	0	%100
38	M36	Z	.606	.606	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
39	M37	X	1.425	1.425	0	%100
40	M37	Z	.823	.823	0	%100
41	M39	X	1.501	1.501	0	%100
42	M39	Z	.867	.867	0	%100
43	M41	X	1.049	1.049	0	%100
44	M41	Z	.606	.606	0	%100
45	M42	X	.356	.356	0	%100
46	M42	Z	.206	.206	0	%100
47	M44	X	.375	.375	0	%100
48	M44	Z	.217	.217	0	%100
49	M49	X	0	0	0	%100
50	M49	Z	0	0	0	%100
51	M50A	X	.865	.865	0	%100
52	M50A	Z	.499	.499	0	%100
53	M51C	X	.865	.865	0	%100
54	M51C	Z	.499	.499	0	%100
55	M52A	X	1.399	1.399	0	%100
56	M52A	Z	.808	.808	0	%100
57	M55	X	.194	.194	0	%100
58	M55	Z	.112	.112	0	%100
59	M56	X	.194	.194	0	%100
60	M56	Z	.112	.112	0	%100
61	M60	X	0	0	0	%100
62	M60	Z	0	0	0	%100
63	M61	X	.356	.356	0	%100
64	M61	Z	.206	.206	0	%100
65	M63	X	.375	.375	0	%100
66	M63	Z	.217	.217	0	%100
67	M65	X	0	0	0	%100
68	M65	Z	0	0	0	%100
69	M66	X	.356	.356	0	%100
70	M66	Z	.206	.206	0	%100
71	M68	X	.375	.375	0	%100
72	M68	Z	.217	.217	0	%100
73	M73	X	.195	.195	0	%100
74	M73	Z	.112	.112	0	%100
75	M74	X	.195	.195	0	%100
76	M74	Z	.112	.112	0	%100
77	M75	X	.778	.778	0	%100
78	M75	Z	.449	.449	0	%100
79	M76A	X	.76	.76	0	%100
80	M76A	Z	.439	.439	0	%100
81	M77A	X	.257	.257	0	%100
82	M77A	Z	.149	.149	0	%100
83	M78	X	.76	.76	0	%100
84	M78	Z	.439	.439	0	%100
85	MP1A	X	.554	.554	0	%100
86	MP1A	Z	.32	.32	0	%100
87	MP2A	X	.554	.554	0	%100
88	MP2A	Z	.32	.32	0	%100
89	MP3A	X	.554	.554	0	%100
90	MP3A	Z	.32	.32	0	%100
91	MP4A	X	.554	.554	0	%100
92	MP4A	Z	.32	.32	0	%100
93	MP1C	X	.554	.554	0	%100
94	MP1C	Z	.32	.32	0	%100
95	MP2C	X	.554	.554	0	%100
96	MP2C	Z	.32	.32	0	%100
97	MP3C	X	.554	.554	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
98	MP3C	Z	.32	.32	0	%100
99	MP4C	X	.554	.554	0	%100
100	MP4C	Z	.32	.32	0	%100
101	MP1B	X	.554	.554	0	%100
102	MP1B	Z	.32	.32	0	%100
103	MP2B	X	.554	.554	0	%100
104	MP2B	Z	.32	.32	0	%100
105	MP3B	X	.554	.554	0	%100
106	MP3B	Z	.32	.32	0	%100
107	MP4B	X	.554	.554	0	%100
108	MP4B	Z	.32	.32	0	%100
109	M104	X	.453	.453	0	%100
110	M104	Z	.261	.261	0	%100
111	M105	X	.168	.168	0	%100
112	M105	Z	.097	.097	0	%100
113	M106	X	.168	.168	0	%100
114	M106	Z	.097	.097	0	%100
115	M107	X	.67	.67	0	%100
116	M107	Z	.387	.387	0	%100
117	M114	X	.211	.211	0	%100
118	M114	Z	.122	.122	0	%100
119	M125A	X	.844	.844	0	%100
120	M125A	Z	.487	.487	0	%100
121	M128A	X	.211	.211	0	%100
122	M128A	Z	.122	.122	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
1	M4	X	.12	.12	0	%100
2	M4	Z	.207	.207	0	%100
3	M10	X	.374	.374	0	%100
4	M10	Z	.649	.649	0	%100
5	M43	X	.374	.374	0	%100
6	M43	Z	.649	.649	0	%100
7	M46	X	.606	.606	0	%100
8	M46	Z	1.049	1.049	0	%100
9	M51B	X	0	0	0	%100
10	M51B	Z	0	0	0	%100
11	M52B	X	.336	.336	0	%100
12	M52B	Z	.583	.583	0	%100
13	M76	X	.202	.202	0	%100
14	M76	Z	.35	.35	0	%100
15	M77	X	0	0	0	%100
16	M77	Z	0	0	0	%100
17	M80	X	0	0	0	%100
18	M80	Z	0	0	0	%100
19	M84	X	.202	.202	0	%100
20	M84	Z	.35	.35	0	%100
21	M85	X	.617	.617	0	%100
22	M85	Z	1.069	1.069	0	%100
23	M91	X	.65	.65	0	%100
24	M91	Z	1.126	1.126	0	%100
25	M25	X	.479	.479	0	%100
26	M25	Z	.829	.829	0	%100
27	M26	X	0	0	0	%100
28	M26	Z	0	0	0	%100
29	M27	X	0	0	0	%100
30	M27	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
31	M28	X	0	0	0	%100
32	M28	Z	0	0	0	%100
33	M31	X	.336	.336	0	%100
34	M31	Z	.583	.583	0	%100
35	M32	X	.336	.336	0	%100
36	M32	Z	.583	.583	0	%100
37	M36	X	.808	.808	0	%100
38	M36	Z	1.399	1.399	0	%100
39	M37	X	.617	.617	0	%100
40	M37	Z	1.069	1.069	0	%100
41	M39	X	.65	.65	0	%100
42	M39	Z	1.126	1.126	0	%100
43	M41	X	.808	.808	0	%100
44	M41	Z	1.399	1.399	0	%100
45	M42	X	.617	.617	0	%100
46	M42	Z	1.069	1.069	0	%100
47	M44	X	.65	.65	0	%100
48	M44	Z	1.126	1.126	0	%100
49	M49	X	.12	.12	0	%100
50	M49	Z	.207	.207	0	%100
51	M50A	X	.374	.374	0	%100
52	M50A	Z	.649	.649	0	%100
53	M51C	X	.374	.374	0	%100
54	M51C	Z	.649	.649	0	%100
55	M52A	X	.606	.606	0	%100
56	M52A	Z	1.049	1.049	0	%100
57	M55	X	.336	.336	0	%100
58	M55	Z	.583	.583	0	%100
59	M56	X	0	0	0	%100
60	M56	Z	0	0	0	%100
61	M60	X	.202	.202	0	%100
62	M60	Z	.35	.35	0	%100
63	M61	X	.617	.617	0	%100
64	M61	Z	1.069	1.069	0	%100
65	M63	X	.65	.65	0	%100
66	M63	Z	1.126	1.126	0	%100
67	M65	X	.202	.202	0	%100
68	M65	Z	.35	.35	0	%100
69	M66	X	0	0	0	%100
70	M66	Z	0	0	0	%100
71	M68	X	0	0	0	%100
72	M68	Z	0	0	0	%100
73	M73	X	.337	.337	0	%100
74	M73	Z	.584	.584	0	%100
75	M74	X	0	0	0	%100
76	M74	Z	0	0	0	%100
77	M75	X	.337	.337	0	%100
78	M75	Z	.584	.584	0	%100
79	M76A	X	.535	.535	0	%100
80	M76A	Z	.927	.927	0	%100
81	M77A	X	.245	.245	0	%100
82	M77A	Z	.425	.425	0	%100
83	M78	X	.245	.245	0	%100
84	M78	Z	.425	.425	0	%100
85	MP1A	X	.32	.32	0	%100
86	MP1A	Z	.554	.554	0	%100
87	MP2A	X	.32	.32	0	%100
88	MP2A	Z	.554	.554	0	%100
89	MP3A	X	.32	.32	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...]	End Magnitude[lb/ft,...]	Start Location[ft,%]	End Location[ft,%]
90	MP3A	Z	.554	.554	0	%100
91	MP4A	X	.32	.32	0	%100
92	MP4A	Z	.554	.554	0	%100
93	MP1C	X	.32	.32	0	%100
94	MP1C	Z	.554	.554	0	%100
95	MP2C	X	.32	.32	0	%100
96	MP2C	Z	.554	.554	0	%100
97	MP3C	X	.32	.32	0	%100
98	MP3C	Z	.554	.554	0	%100
99	MP4C	X	.32	.32	0	%100
100	MP4C	Z	.554	.554	0	%100
101	MP1B	X	.32	.32	0	%100
102	MP1B	Z	.554	.554	0	%100
103	MP2B	X	.32	.32	0	%100
104	MP2B	Z	.554	.554	0	%100
105	MP3B	X	.32	.32	0	%100
106	MP3B	Z	.554	.554	0	%100
107	MP4B	X	.32	.32	0	%100
108	MP4B	Z	.554	.554	0	%100
109	M104	X	.261	.261	0	%100
110	M104	Z	.453	.453	0	%100
111	M105	X	.29	.29	0	%100
112	M105	Z	.503	.503	0	%100
113	M106	X	0	0	0	%100
114	M106	Z	0	0	0	%100
115	M107	X	.29	.29	0	%100
116	M107	Z	.503	.503	0	%100
117	M114	X	0	0	0	%100
118	M114	Z	0	0	0	%100
119	M125A	X	.365	.365	0	%100
120	M125A	Z	.633	.633	0	%100
121	M128A	X	.365	.365	0	%100
122	M128A	Z	.633	.633	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...]	End Magnitude[lb/ft,...]	Start Location[ft,%]	End Location[ft,%]
1	M4	X	0	0	0	%100
2	M4	Z	0	0	0	%100
3	M10	X	0	0	0	%100
4	M10	Z	.998	.998	0	%100
5	M43	X	0	0	0	%100
6	M43	Z	.998	.998	0	%100
7	M46	X	0	0	0	%100
8	M46	Z	1.616	1.616	0	%100
9	M51B	X	0	0	0	%100
10	M51B	Z	.224	.224	0	%100
11	M52B	X	0	0	0	%100
12	M52B	Z	.224	.224	0	%100
13	M76	X	0	0	0	%100
14	M76	Z	0	0	0	%100
15	M77	X	0	0	0	%100
16	M77	Z	.411	.411	0	%100
17	M80	X	0	0	0	%100
18	M80	Z	.433	.433	0	%100
19	M84	X	0	0	0	%100
20	M84	Z	0	0	0	%100
21	M85	X	0	0	0	%100
22	M85	Z	.411	.411	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
23	M91	X	0	0	0	%100
24	M91	Z	.433	.433	0	%100
25	M25	X	0	0	0	%100
26	M25	Z	.718	.718	0	%100
27	M26	X	0	0	0	%100
28	M26	Z	.25	.25	0	%100
29	M27	X	0	0	0	%100
30	M27	Z	.25	.25	0	%100
31	M28	X	0	0	0	%100
32	M28	Z	.404	.404	0	%100
33	M31	X	0	0	0	%100
34	M31	Z	.224	.224	0	%100
35	M32	X	0	0	0	%100
36	M32	Z	.897	.897	0	%100
37	M36	X	0	0	0	%100
38	M36	Z	1.212	1.212	0	%100
39	M37	X	0	0	0	%100
40	M37	Z	.411	.411	0	%100
41	M39	X	0	0	0	%100
42	M39	Z	.433	.433	0	%100
43	M41	X	0	0	0	%100
44	M41	Z	1.212	1.212	0	%100
45	M42	X	0	0	0	%100
46	M42	Z	1.645	1.645	0	%100
47	M44	X	0	0	0	%100
48	M44	Z	1.733	1.733	0	%100
49	M49	X	0	0	0	%100
50	M49	Z	.718	.718	0	%100
51	M50A	X	0	0	0	%100
52	M50A	Z	.25	.25	0	%100
53	M51C	X	0	0	0	%100
54	M51C	Z	.25	.25	0	%100
55	M52A	X	0	0	0	%100
56	M52A	Z	.404	.404	0	%100
57	M55	X	0	0	0	%100
58	M55	Z	.897	.897	0	%100
59	M56	X	0	0	0	%100
60	M56	Z	.224	.224	0	%100
61	M60	X	0	0	0	%100
62	M60	Z	1.212	1.212	0	%100
63	M61	X	0	0	0	%100
64	M61	Z	1.645	1.645	0	%100
65	M63	X	0	0	0	%100
66	M63	Z	1.733	1.733	0	%100
67	M65	X	0	0	0	%100
68	M65	Z	1.212	1.212	0	%100
69	M66	X	0	0	0	%100
70	M66	Z	.411	.411	0	%100
71	M68	X	0	0	0	%100
72	M68	Z	.433	.433	0	%100
73	M73	X	0	0	0	%100
74	M73	Z	.899	.899	0	%100
75	M74	X	0	0	0	%100
76	M74	Z	.225	.225	0	%100
77	M75	X	0	0	0	%100
78	M75	Z	.225	.225	0	%100
79	M76A	X	0	0	0	%100
80	M76A	Z	.877	.877	0	%100
81	M77A	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
82	M77A	Z	.877	.877	0	%100
83	M78	X	0	0	0	%100
84	M78	Z	.297	.297	0	%100
85	MP1A	X	0	0	0	%100
86	MP1A	Z	.639	.639	0	%100
87	MP2A	X	0	0	0	%100
88	MP2A	Z	.639	.639	0	%100
89	MP3A	X	0	0	0	%100
90	MP3A	Z	.639	.639	0	%100
91	MP4A	X	0	0	0	%100
92	MP4A	Z	.639	.639	0	%100
93	MP1C	X	0	0	0	%100
94	MP1C	Z	.639	.639	0	%100
95	MP2C	X	0	0	0	%100
96	MP2C	Z	.639	.639	0	%100
97	MP3C	X	0	0	0	%100
98	MP3C	Z	.639	.639	0	%100
99	MP4C	X	0	0	0	%100
100	MP4C	Z	.639	.639	0	%100
101	MP1B	X	0	0	0	%100
102	MP1B	Z	.639	.639	0	%100
103	MP2B	X	0	0	0	%100
104	MP2B	Z	.639	.639	0	%100
105	MP3B	X	0	0	0	%100
106	MP3B	Z	.639	.639	0	%100
107	MP4B	X	0	0	0	%100
108	MP4B	Z	.639	.639	0	%100
109	M104	X	0	0	0	%100
110	M104	Z	.523	.523	0	%100
111	M105	X	0	0	0	%100
112	M105	Z	.774	.774	0	%100
113	M106	X	0	0	0	%100
114	M106	Z	.194	.194	0	%100
115	M107	X	0	0	0	%100
116	M107	Z	.194	.194	0	%100
117	M114	X	0	0	0	%100
118	M114	Z	.244	.244	0	%100
119	M125A	X	0	0	0	%100
120	M125A	Z	.244	.244	0	%100
121	M128A	X	0	0	0	%100
122	M128A	Z	.974	.974	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
1	M4	X	-.12	-.12	0	%100
2	M4	Z	.207	.207	0	%100
3	M10	X	-.374	-.374	0	%100
4	M10	Z	.649	.649	0	%100
5	M43	X	-.374	-.374	0	%100
6	M43	Z	.649	.649	0	%100
7	M46	X	-.606	-.606	0	%100
8	M46	Z	1.049	1.049	0	%100
9	M51B	X	-.336	-.336	0	%100
10	M51B	Z	.583	.583	0	%100
11	M52B	X	0	0	0	%100
12	M52B	Z	0	0	0	%100
13	M76	X	-.202	-.202	0	%100
14	M76	Z	.35	.35	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
15	M77	X	-.617	-.617	0	%100
16	M77	Z	1.069	1.069	0	%100
17	M80	X	-.65	-.65	0	%100
18	M80	Z	1.126	1.126	0	%100
19	M84	X	-.202	-.202	0	%100
20	M84	Z	.35	.35	0	%100
21	M85	X	0	0	0	%100
22	M85	Z	0	0	0	%100
23	M91	X	0	0	0	%100
24	M91	Z	0	0	0	%100
25	M25	X	-.12	-.12	0	%100
26	M25	Z	.207	.207	0	%100
27	M26	X	-.374	-.374	0	%100
28	M26	Z	.649	.649	0	%100
29	M27	X	-.374	-.374	0	%100
30	M27	Z	.649	.649	0	%100
31	M28	X	-.606	-.606	0	%100
32	M28	Z	1.049	1.049	0	%100
33	M31	X	0	0	0	%100
34	M31	Z	0	0	0	%100
35	M32	X	-.336	-.336	0	%100
36	M32	Z	.583	.583	0	%100
37	M36	X	-.202	-.202	0	%100
38	M36	Z	.35	.35	0	%100
39	M37	X	0	0	0	%100
40	M37	Z	0	0	0	%100
41	M39	X	0	0	0	%100
42	M39	Z	0	0	0	%100
43	M41	X	-.202	-.202	0	%100
44	M41	Z	.35	.35	0	%100
45	M42	X	-.617	-.617	0	%100
46	M42	Z	1.069	1.069	0	%100
47	M44	X	-.65	-.65	0	%100
48	M44	Z	1.126	1.126	0	%100
49	M49	X	-.479	-.479	0	%100
50	M49	Z	.829	.829	0	%100
51	M50A	X	0	0	0	%100
52	M50A	Z	0	0	0	%100
53	M51C	X	0	0	0	%100
54	M51C	Z	0	0	0	%100
55	M52A	X	0	0	0	%100
56	M52A	Z	0	0	0	%100
57	M55	X	-.336	-.336	0	%100
58	M55	Z	.583	.583	0	%100
59	M56	X	-.336	-.336	0	%100
60	M56	Z	.583	.583	0	%100
61	M60	X	-.808	-.808	0	%100
62	M60	Z	1.399	1.399	0	%100
63	M61	X	-.617	-.617	0	%100
64	M61	Z	1.069	1.069	0	%100
65	M63	X	-.65	-.65	0	%100
66	M63	Z	1.126	1.126	0	%100
67	M65	X	-.808	-.808	0	%100
68	M65	Z	1.399	1.399	0	%100
69	M66	X	-.617	-.617	0	%100
70	M66	Z	1.069	1.069	0	%100
71	M68	X	-.65	-.65	0	%100
72	M68	Z	1.126	1.126	0	%100
73	M73	X	-.337	-.337	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...]	End Magnitude[lb/ft,...]	Start Location[ft,%]	End Location[ft,%]
74	M73	Z	.584	.584	0	%100
75	M74	X	-.337	-.337	0	%100
76	M74	Z	.584	.584	0	%100
77	M75	X	0	0	0	%100
78	M75	Z	0	0	0	%100
79	M76A	X	-.245	-.245	0	%100
80	M76A	Z	.425	.425	0	%100
81	M77A	X	-.535	-.535	0	%100
82	M77A	Z	.927	.927	0	%100
83	M78	X	-.245	-.245	0	%100
84	M78	Z	.425	.425	0	%100
85	MP1A	X	-.32	-.32	0	%100
86	MP1A	Z	.554	.554	0	%100
87	MP2A	X	-.32	-.32	0	%100
88	MP2A	Z	.554	.554	0	%100
89	MP3A	X	-.32	-.32	0	%100
90	MP3A	Z	.554	.554	0	%100
91	MP4A	X	-.32	-.32	0	%100
92	MP4A	Z	.554	.554	0	%100
93	MP1C	X	-.32	-.32	0	%100
94	MP1C	Z	.554	.554	0	%100
95	MP2C	X	-.32	-.32	0	%100
96	MP2C	Z	.554	.554	0	%100
97	MP3C	X	-.32	-.32	0	%100
98	MP3C	Z	.554	.554	0	%100
99	MP4C	X	-.32	-.32	0	%100
100	MP4C	Z	.554	.554	0	%100
101	MP1B	X	-.32	-.32	0	%100
102	MP1B	Z	.554	.554	0	%100
103	MP2B	X	-.32	-.32	0	%100
104	MP2B	Z	.554	.554	0	%100
105	MP3B	X	-.32	-.32	0	%100
106	MP3B	Z	.554	.554	0	%100
107	MP4B	X	-.32	-.32	0	%100
108	MP4B	Z	.554	.554	0	%100
109	M104	X	-.261	-.261	0	%100
110	M104	Z	.453	.453	0	%100
111	M105	X	-.29	-.29	0	%100
112	M105	Z	.503	.503	0	%100
113	M106	X	-.29	-.29	0	%100
114	M106	Z	.503	.503	0	%100
115	M107	X	0	0	0	%100
116	M107	Z	0	0	0	%100
117	M114	X	-.365	-.365	0	%100
118	M114	Z	.633	.633	0	%100
119	M125A	X	0	0	0	%100
120	M125A	Z	0	0	0	%100
121	M128A	X	-.365	-.365	0	%100
122	M128A	Z	.633	.633	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...]	End Magnitude[lb/ft,...]	Start Location[ft,%]	End Location[ft,%]
1	M4	X	-.622	-.622	0	%100
2	M4	Z	.359	.359	0	%100
3	M10	X	-.216	-.216	0	%100
4	M10	Z	.125	.125	0	%100
5	M43	X	-.216	-.216	0	%100
6	M43	Z	.125	.125	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
7	M46	X	-.35	-.35	0	%100
8	M46	Z	.202	.202	0	%100
9	M51B	X	-.777	-.777	0	%100
10	M51B	Z	.449	.449	0	%100
11	M52B	X	-.194	-.194	0	%100
12	M52B	Z	.112	.112	0	%100
13	M76	X	-1.049	-1.049	0	%100
14	M76	Z	.606	.606	0	%100
15	M77	X	-1.425	-1.425	0	%100
16	M77	Z	.823	.823	0	%100
17	M80	X	-1.501	-1.501	0	%100
18	M80	Z	.867	.867	0	%100
19	M84	X	-1.049	-1.049	0	%100
20	M84	Z	.606	.606	0	%100
21	M85	X	-.356	-.356	0	%100
22	M85	Z	.206	.206	0	%100
23	M91	X	-.375	-.375	0	%100
24	M91	Z	.217	.217	0	%100
25	M25	X	0	0	0	%100
26	M25	Z	0	0	0	%100
27	M26	X	-.865	-.865	0	%100
28	M26	Z	.499	.499	0	%100
29	M27	X	-.865	-.865	0	%100
30	M27	Z	.499	.499	0	%100
31	M28	X	-1.399	-1.399	0	%100
32	M28	Z	.808	.808	0	%100
33	M31	X	-.194	-.194	0	%100
34	M31	Z	.112	.112	0	%100
35	M32	X	-.194	-.194	0	%100
36	M32	Z	.112	.112	0	%100
37	M36	X	0	0	0	%100
38	M36	Z	0	0	0	%100
39	M37	X	-.356	-.356	0	%100
40	M37	Z	.206	.206	0	%100
41	M39	X	-.375	-.375	0	%100
42	M39	Z	.217	.217	0	%100
43	M41	X	0	0	0	%100
44	M41	Z	0	0	0	%100
45	M42	X	-.356	-.356	0	%100
46	M42	Z	.206	.206	0	%100
47	M44	X	-.375	-.375	0	%100
48	M44	Z	.217	.217	0	%100
49	M49	X	-.622	-.622	0	%100
50	M49	Z	.359	.359	0	%100
51	M50A	X	-.216	-.216	0	%100
52	M50A	Z	.125	.125	0	%100
53	M51C	X	-.216	-.216	0	%100
54	M51C	Z	.125	.125	0	%100
55	M52A	X	-.35	-.35	0	%100
56	M52A	Z	.202	.202	0	%100
57	M55	X	-.194	-.194	0	%100
58	M55	Z	.112	.112	0	%100
59	M56	X	-.777	-.777	0	%100
60	M56	Z	.449	.449	0	%100
61	M60	X	-1.049	-1.049	0	%100
62	M60	Z	.606	.606	0	%100
63	M61	X	-.356	-.356	0	%100
64	M61	Z	.206	.206	0	%100
65	M63	X	-.375	-.375	0	%100

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

	Member Label	Direction	Start Magnitude/lb/ft....	End Magnitude/lb/ft....	Start Location[ft.%]	End Location[ft.%]
66	M63	Z	.217	.217	0	%100
67	M65	X	-1.049	-1.049	0	%100
68	M65	Z	.606	.606	0	%100
69	M66	X	-1.425	-1.425	0	%100
70	M66	Z	.823	.823	0	%100
71	M68	X	-1.501	-1.501	0	%100
72	M68	Z	.867	.867	0	%100
73	M73	X	-.195	-.195	0	%100
74	M73	Z	.112	.112	0	%100
75	M74	X	-.778	-.778	0	%100
76	M74	Z	.449	.449	0	%100
77	M75	X	-.195	-.195	0	%100
78	M75	Z	.112	.112	0	%100
79	M76A	X	-.257	-.257	0	%100
80	M76A	Z	.149	.149	0	%100
81	M77A	X	-.76	-.76	0	%100
82	M77A	Z	.439	.439	0	%100
83	M78	X	-.76	-.76	0	%100
84	M78	Z	.439	.439	0	%100
85	MP1A	X	-.554	-.554	0	%100
86	MP1A	Z	.32	.32	0	%100
87	MP2A	X	-.554	-.554	0	%100
88	MP2A	Z	.32	.32	0	%100
89	MP3A	X	-.554	-.554	0	%100
90	MP3A	Z	.32	.32	0	%100
91	MP4A	X	-.554	-.554	0	%100
92	MP4A	Z	.32	.32	0	%100
93	MP1C	X	-.554	-.554	0	%100
94	MP1C	Z	.32	.32	0	%100
95	MP2C	X	-.554	-.554	0	%100
96	MP2C	Z	.32	.32	0	%100
97	MP3C	X	-.554	-.554	0	%100
98	MP3C	Z	.32	.32	0	%100
99	MP4C	X	-.554	-.554	0	%100
100	MP4C	Z	.32	.32	0	%100
101	MP1B	X	-.554	-.554	0	%100
102	MP1B	Z	.32	.32	0	%100
103	MP2B	X	-.554	-.554	0	%100
104	MP2B	Z	.32	.32	0	%100
105	MP3B	X	-.554	-.554	0	%100
106	MP3B	Z	.32	.32	0	%100
107	MP4B	X	-.554	-.554	0	%100
108	MP4B	Z	.32	.32	0	%100
109	M104	X	-.453	-.453	0	%100
110	M104	Z	.261	.261	0	%100
111	M105	X	-.168	-.168	0	%100
112	M105	Z	.097	.097	0	%100
113	M106	X	-.67	-.67	0	%100
114	M106	Z	.387	.387	0	%100
115	M107	X	-.168	-.168	0	%100
116	M107	Z	.097	.097	0	%100
117	M114	X	-.844	-.844	0	%100
118	M114	Z	.487	.487	0	%100
119	M125A	X	-.211	-.211	0	%100
120	M125A	Z	.122	.122	0	%100
121	M128A	X	-.211	-.211	0	%100
122	M128A	Z	.122	.122	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[ft, %]	End Location[ft, %]
1	M4	X	-.957	-.957	0	%100
2	M4	Z	0	0	0	%100
3	M10	X	0	0	0	%100
4	M10	Z	0	0	0	%100
5	M43	X	0	0	0	%100
6	M43	Z	0	0	0	%100
7	M46	X	0	0	0	%100
8	M46	Z	0	0	0	%100
9	M51B	X	-.673	-.673	0	%100
10	M51B	Z	0	0	0	%100
11	M52B	X	-.673	-.673	0	%100
12	M52B	Z	0	0	0	%100
13	M76	X	-1.616	-1.616	0	%100
14	M76	Z	0	0	0	%100
15	M77	X	-1.234	-1.234	0	%100
16	M77	Z	0	0	0	%100
17	M80	X	-1.3	-1.3	0	%100
18	M80	Z	0	0	0	%100
19	M84	X	-1.616	-1.616	0	%100
20	M84	Z	0	0	0	%100
21	M85	X	-1.234	-1.234	0	%100
22	M85	Z	0	0	0	%100
23	M91	X	-1.3	-1.3	0	%100
24	M91	Z	0	0	0	%100
25	M25	X	-.239	-.239	0	%100
26	M25	Z	0	0	0	%100
27	M26	X	-.749	-.749	0	%100
28	M26	Z	0	0	0	%100
29	M27	X	-.749	-.749	0	%100
30	M27	Z	0	0	0	%100
31	M28	X	-1.212	-1.212	0	%100
32	M28	Z	0	0	0	%100
33	M31	X	-.673	-.673	0	%100
34	M31	Z	0	0	0	%100
35	M32	X	0	0	0	%100
36	M32	Z	0	0	0	%100
37	M36	X	-.404	-.404	0	%100
38	M36	Z	0	0	0	%100
39	M37	X	-1.234	-1.234	0	%100
40	M37	Z	0	0	0	%100
41	M39	X	-1.3	-1.3	0	%100
42	M39	Z	0	0	0	%100
43	M41	X	-.404	-.404	0	%100
44	M41	Z	0	0	0	%100
45	M42	X	0	0	0	%100
46	M42	Z	0	0	0	%100
47	M44	X	0	0	0	%100
48	M44	Z	0	0	0	%100
49	M49	X	-.239	-.239	0	%100
50	M49	Z	0	0	0	%100
51	M50A	X	-.749	-.749	0	%100
52	M50A	Z	0	0	0	%100
53	M51C	X	-.749	-.749	0	%100
54	M51C	Z	0	0	0	%100
55	M52A	X	-1.212	-1.212	0	%100
56	M52A	Z	0	0	0	%100
57	M55	X	0	0	0	%100
58	M55	Z	0	0	0	%100
59	M56	X	-.673	-.673	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
60	M56	Z	0	0	0	%100
61	M60	X	-.404	-.404	0	%100
62	M60	Z	0	0	0	%100
63	M61	X	0	0	0	%100
64	M61	Z	0	0	0	%100
65	M63	X	0	0	0	%100
66	M63	Z	0	0	0	%100
67	M65	X	-.404	-.404	0	%100
68	M65	Z	0	0	0	%100
69	M66	X	-1.234	-1.234	0	%100
70	M66	Z	0	0	0	%100
71	M68	X	-1.3	-1.3	0	%100
72	M68	Z	0	0	0	%100
73	M73	X	0	0	0	%100
74	M73	Z	0	0	0	%100
75	M74	X	-.674	-.674	0	%100
76	M74	Z	0	0	0	%100
77	M75	X	-.674	-.674	0	%100
78	M75	Z	0	0	0	%100
79	M76A	X	-.49	-.49	0	%100
80	M76A	Z	0	0	0	%100
81	M77A	X	-.49	-.49	0	%100
82	M77A	Z	0	0	0	%100
83	M78	X	-1.07	-1.07	0	%100
84	M78	Z	0	0	0	%100
85	MP1A	X	-.639	-.639	0	%100
86	MP1A	Z	0	0	0	%100
87	MP2A	X	-.639	-.639	0	%100
88	MP2A	Z	0	0	0	%100
89	MP3A	X	-.639	-.639	0	%100
90	MP3A	Z	0	0	0	%100
91	MP4A	X	-.639	-.639	0	%100
92	MP4A	Z	0	0	0	%100
93	MP1C	X	-.639	-.639	0	%100
94	MP1C	Z	0	0	0	%100
95	MP2C	X	-.639	-.639	0	%100
96	MP2C	Z	0	0	0	%100
97	MP3C	X	-.639	-.639	0	%100
98	MP3C	Z	0	0	0	%100
99	MP4C	X	-.639	-.639	0	%100
100	MP4C	Z	0	0	0	%100
101	MP1B	X	-.639	-.639	0	%100
102	MP1B	Z	0	0	0	%100
103	MP2B	X	-.639	-.639	0	%100
104	MP2B	Z	0	0	0	%100
105	MP3B	X	-.639	-.639	0	%100
106	MP3B	Z	0	0	0	%100
107	MP4B	X	-.639	-.639	0	%100
108	MP4B	Z	0	0	0	%100
109	M104	X	-.523	-.523	0	%100
110	M104	Z	0	0	0	%100
111	M105	X	0	0	0	%100
112	M105	Z	0	0	0	%100
113	M106	X	-.581	-.581	0	%100
114	M106	Z	0	0	0	%100
115	M107	X	-.581	-.581	0	%100
116	M107	Z	0	0	0	%100
117	M114	X	-.731	-.731	0	%100
118	M114	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft,%]	End Location[ft,%]
119	M125A	X	-.731	-.731	0	%100
120	M125A	Z	0	0	0	%100
121	M128A	X	0	0	0	%100
122	M128A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft,%]	End Location[ft,%]
1	M4	X	-.622	-.622	0	%100
2	M4	Z	-.359	-.359	0	%100
3	M10	X	-.216	-.216	0	%100
4	M10	Z	-.125	-.125	0	%100
5	M43	X	-.216	-.216	0	%100
6	M43	Z	-.125	-.125	0	%100
7	M46	X	-.35	-.35	0	%100
8	M46	Z	-.202	-.202	0	%100
9	M51B	X	-.194	-.194	0	%100
10	M51B	Z	-.112	-.112	0	%100
11	M52B	X	-.777	-.777	0	%100
12	M52B	Z	-.449	-.449	0	%100
13	M76	X	-1.049	-1.049	0	%100
14	M76	Z	-.606	-.606	0	%100
15	M77	X	-.356	-.356	0	%100
16	M77	Z	-.206	-.206	0	%100
17	M80	X	-.375	-.375	0	%100
18	M80	Z	-.217	-.217	0	%100
19	M84	X	-1.049	-1.049	0	%100
20	M84	Z	-.606	-.606	0	%100
21	M85	X	-1.425	-1.425	0	%100
22	M85	Z	-.823	-.823	0	%100
23	M91	X	-1.501	-1.501	0	%100
24	M91	Z	-.867	-.867	0	%100
25	M25	X	-.622	-.622	0	%100
26	M25	Z	-.359	-.359	0	%100
27	M26	X	-.216	-.216	0	%100
28	M26	Z	-.125	-.125	0	%100
29	M27	X	-.216	-.216	0	%100
30	M27	Z	-.125	-.125	0	%100
31	M28	X	-.35	-.35	0	%100
32	M28	Z	-.202	-.202	0	%100
33	M31	X	-.777	-.777	0	%100
34	M31	Z	-.449	-.449	0	%100
35	M32	X	-.194	-.194	0	%100
36	M32	Z	-.112	-.112	0	%100
37	M36	X	-1.049	-1.049	0	%100
38	M36	Z	-.606	-.606	0	%100
39	M37	X	-1.425	-1.425	0	%100
40	M37	Z	-.823	-.823	0	%100
41	M39	X	-1.501	-1.501	0	%100
42	M39	Z	-.867	-.867	0	%100
43	M41	X	-1.049	-1.049	0	%100
44	M41	Z	-.606	-.606	0	%100
45	M42	X	-.356	-.356	0	%100
46	M42	Z	-.206	-.206	0	%100
47	M44	X	-.375	-.375	0	%100
48	M44	Z	-.217	-.217	0	%100
49	M49	X	0	0	0	%100
50	M49	Z	0	0	0	%100
51	M50A	X	-.865	-.865	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
52	M50A	Z	-.499	-.499	0	%100
53	M51C	X	-.865	-.865	0	%100
54	M51C	Z	-.499	-.499	0	%100
55	M52A	X	-1.399	-1.399	0	%100
56	M52A	Z	-.808	-.808	0	%100
57	M55	X	-.194	-.194	0	%100
58	M55	Z	-.112	-.112	0	%100
59	M56	X	-.194	-.194	0	%100
60	M56	Z	-.112	-.112	0	%100
61	M60	X	0	0	0	%100
62	M60	Z	0	0	0	%100
63	M61	X	-.356	-.356	0	%100
64	M61	Z	-.206	-.206	0	%100
65	M63	X	-.375	-.375	0	%100
66	M63	Z	-.217	-.217	0	%100
67	M65	X	0	0	0	%100
68	M65	Z	0	0	0	%100
69	M66	X	-.356	-.356	0	%100
70	M66	Z	-.206	-.206	0	%100
71	M68	X	-.375	-.375	0	%100
72	M68	Z	-.217	-.217	0	%100
73	M73	X	-.195	-.195	0	%100
74	M73	Z	-.112	-.112	0	%100
75	M74	X	-.195	-.195	0	%100
76	M74	Z	-.112	-.112	0	%100
77	M75	X	-.778	-.778	0	%100
78	M75	Z	-.449	-.449	0	%100
79	M76A	X	-.76	-.76	0	%100
80	M76A	Z	-.439	-.439	0	%100
81	M77A	X	-.257	-.257	0	%100
82	M77A	Z	-.149	-.149	0	%100
83	M78	X	-.76	-.76	0	%100
84	M78	Z	-.439	-.439	0	%100
85	MP1A	X	-.554	-.554	0	%100
86	MP1A	Z	-.32	-.32	0	%100
87	MP2A	X	-.554	-.554	0	%100
88	MP2A	Z	-.32	-.32	0	%100
89	MP3A	X	-.554	-.554	0	%100
90	MP3A	Z	-.32	-.32	0	%100
91	MP4A	X	-.554	-.554	0	%100
92	MP4A	Z	-.32	-.32	0	%100
93	MP1C	X	-.554	-.554	0	%100
94	MP1C	Z	-.32	-.32	0	%100
95	MP2C	X	-.554	-.554	0	%100
96	MP2C	Z	-.32	-.32	0	%100
97	MP3C	X	-.554	-.554	0	%100
98	MP3C	Z	-.32	-.32	0	%100
99	MP4C	X	-.554	-.554	0	%100
100	MP4C	Z	-.32	-.32	0	%100
101	MP1B	X	-.554	-.554	0	%100
102	MP1B	Z	-.32	-.32	0	%100
103	MP2B	X	-.554	-.554	0	%100
104	MP2B	Z	-.32	-.32	0	%100
105	MP3B	X	-.554	-.554	0	%100
106	MP3B	Z	-.32	-.32	0	%100
107	MP4B	X	-.554	-.554	0	%100
108	MP4B	Z	-.32	-.32	0	%100
109	M104	X	-.453	-.453	0	%100
110	M104	Z	-.261	-.261	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...]	End Magnitude[lb/ft,...]	Start Location[ft,%]	End Location[ft,%]
111	M105	X	-.168	-.168	0	%100
112	M105	Z	-.097	-.097	0	%100
113	M106	X	-.168	-.168	0	%100
114	M106	Z	-.097	-.097	0	%100
115	M107	X	-.67	-.67	0	%100
116	M107	Z	-.387	-.387	0	%100
117	M114	X	-.211	-.211	0	%100
118	M114	Z	-.122	-.122	0	%100
119	M125A	X	-.844	-.844	0	%100
120	M125A	Z	-.487	-.487	0	%100
121	M128A	X	-.211	-.211	0	%100
122	M128A	Z	-.122	-.122	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...]	End Magnitude[lb/ft,...]	Start Location[ft,%]	End Location[ft,%]
1	M4	X	-.12	-.12	0	%100
2	M4	Z	-.207	-.207	0	%100
3	M10	X	-.374	-.374	0	%100
4	M10	Z	-.649	-.649	0	%100
5	M43	X	-.374	-.374	0	%100
6	M43	Z	-.649	-.649	0	%100
7	M46	X	-.606	-.606	0	%100
8	M46	Z	-1.049	-1.049	0	%100
9	M51B	X	0	0	0	%100
10	M51B	Z	0	0	0	%100
11	M52B	X	-.336	-.336	0	%100
12	M52B	Z	-.583	-.583	0	%100
13	M76	X	-.202	-.202	0	%100
14	M76	Z	-.35	-.35	0	%100
15	M77	X	0	0	0	%100
16	M77	Z	0	0	0	%100
17	M80	X	0	0	0	%100
18	M80	Z	0	0	0	%100
19	M84	X	-.202	-.202	0	%100
20	M84	Z	-.35	-.35	0	%100
21	M85	X	-.617	-.617	0	%100
22	M85	Z	-1.069	-1.069	0	%100
23	M91	X	-.65	-.65	0	%100
24	M91	Z	-1.126	-1.126	0	%100
25	M25	X	-.479	-.479	0	%100
26	M25	Z	-.829	-.829	0	%100
27	M26	X	0	0	0	%100
28	M26	Z	0	0	0	%100
29	M27	X	0	0	0	%100
30	M27	Z	0	0	0	%100
31	M28	X	0	0	0	%100
32	M28	Z	0	0	0	%100
33	M31	X	-.336	-.336	0	%100
34	M31	Z	-.583	-.583	0	%100
35	M32	X	-.336	-.336	0	%100
36	M32	Z	-.583	-.583	0	%100
37	M36	X	-.808	-.808	0	%100
38	M36	Z	-1.399	-1.399	0	%100
39	M37	X	-.617	-.617	0	%100
40	M37	Z	-1.069	-1.069	0	%100
41	M39	X	-.65	-.65	0	%100
42	M39	Z	-1.126	-1.126	0	%100
43	M41	X	-.808	-.808	0	%100

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

	Member Label	Direction	Start Magnitude lb/ft....	End Magnitude lb/ft....	Start Location ft.%]	End Location ft.%]
44	M41	Z	-1.399	-1.399	0	%100
45	M42	X	-.617	-.617	0	%100
46	M42	Z	-1.069	-1.069	0	%100
47	M44	X	-.65	-.65	0	%100
48	M44	Z	-1.126	-1.126	0	%100
49	M49	X	-.12	-.12	0	%100
50	M49	Z	-.207	-.207	0	%100
51	M50A	X	-.374	-.374	0	%100
52	M50A	Z	-.649	-.649	0	%100
53	M51C	X	-.374	-.374	0	%100
54	M51C	Z	-.649	-.649	0	%100
55	M52A	X	-.606	-.606	0	%100
56	M52A	Z	-1.049	-1.049	0	%100
57	M55	X	-.336	-.336	0	%100
58	M55	Z	-.583	-.583	0	%100
59	M56	X	0	0	0	%100
60	M56	Z	0	0	0	%100
61	M60	X	-.202	-.202	0	%100
62	M60	Z	-.35	-.35	0	%100
63	M61	X	-.617	-.617	0	%100
64	M61	Z	-1.069	-1.069	0	%100
65	M63	X	-.65	-.65	0	%100
66	M63	Z	-1.126	-1.126	0	%100
67	M65	X	-.202	-.202	0	%100
68	M65	Z	-.35	-.35	0	%100
69	M66	X	0	0	0	%100
70	M66	Z	0	0	0	%100
71	M68	X	0	0	0	%100
72	M68	Z	0	0	0	%100
73	M73	X	-.337	-.337	0	%100
74	M73	Z	-.584	-.584	0	%100
75	M74	X	0	0	0	%100
76	M74	Z	0	0	0	%100
77	M75	X	-.337	-.337	0	%100
78	M75	Z	-.584	-.584	0	%100
79	M76A	X	-.535	-.535	0	%100
80	M76A	Z	-.927	-.927	0	%100
81	M77A	X	-.245	-.245	0	%100
82	M77A	Z	-.425	-.425	0	%100
83	M78	X	-.245	-.245	0	%100
84	M78	Z	-.425	-.425	0	%100
85	MP1A	X	-.32	-.32	0	%100
86	MP1A	Z	-.554	-.554	0	%100
87	MP2A	X	-.32	-.32	0	%100
88	MP2A	Z	-.554	-.554	0	%100
89	MP3A	X	-.32	-.32	0	%100
90	MP3A	Z	-.554	-.554	0	%100
91	MP4A	X	-.32	-.32	0	%100
92	MP4A	Z	-.554	-.554	0	%100
93	MP1C	X	-.32	-.32	0	%100
94	MP1C	Z	-.554	-.554	0	%100
95	MP2C	X	-.32	-.32	0	%100
96	MP2C	Z	-.554	-.554	0	%100
97	MP3C	X	-.32	-.32	0	%100
98	MP3C	Z	-.554	-.554	0	%100
99	MP4C	X	-.32	-.32	0	%100
100	MP4C	Z	-.554	-.554	0	%100
101	MP1B	X	-.32	-.32	0	%100
102	MP1B	Z	-.554	-.554	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft....	Start Location[ft, %]	End Location[ft, %]
103	MP2B	X	-.32	-.32	0	%100
104	MP2B	Z	-.554	-.554	0	%100
105	MP3B	X	-.32	-.32	0	%100
106	MP3B	Z	-.554	-.554	0	%100
107	MP4B	X	-.32	-.32	0	%100
108	MP4B	Z	-.554	-.554	0	%100
109	M104	X	-.261	-.261	0	%100
110	M104	Z	-.453	-.453	0	%100
111	M105	X	-.29	-.29	0	%100
112	M105	Z	-.503	-.503	0	%100
113	M106	X	0	0	0	%100
114	M106	Z	0	0	0	%100
115	M107	X	-.29	-.29	0	%100
116	M107	Z	-.503	-.503	0	%100
117	M114	X	0	0	0	%100
118	M114	Z	0	0	0	%100
119	M125A	X	-.365	-.365	0	%100
120	M125A	Z	-.633	-.633	0	%100
121	M128A	X	-.365	-.365	0	%100
122	M128A	Z	-.633	-.633	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft....	Start Location[ft, %]	End Location[ft, %]
1	M51B	Y	-1.665	-4.226	0	.832
2	M51B	Y	-4.226	-6.901	.832	1.665
3	M51B	Y	-6.901	-8.189	1.665	2.497
4	M51B	Y	-8.189	-6.544	2.497	3.329
5	M51B	Y	-6.544	-3.463	3.329	4.162
6	M52B	Y	-3.469	-6.578	0	.832
7	M52B	Y	-6.578	-8.256	.832	1.665
8	M52B	Y	-8.256	-7.041	1.665	2.497
9	M52B	Y	-7.041	-4.429	2.497	3.329
10	M52B	Y	-4.429	-1.881	3.329	4.162
11	M31	Y	-1.884	-4.426	0	.832
12	M31	Y	-4.426	-7.044	.832	1.665
13	M31	Y	-7.044	-8.26	1.665	2.497
14	M31	Y	-8.26	-6.573	2.497	3.329
15	M31	Y	-6.573	-3.462	3.329	4.162
16	M32	Y	-3.463	-6.545	0	.832
17	M32	Y	-6.545	-8.189	.832	1.665
18	M32	Y	-8.189	-6.902	1.665	2.497
19	M32	Y	-6.902	-4.228	2.497	3.329
20	M32	Y	-4.228	-1.661	3.329	4.162
21	M55	Y	-1.665	-4.226	0	.832
22	M55	Y	-4.226	-6.901	.832	1.665
23	M55	Y	-6.901	-8.189	1.665	2.497
24	M55	Y	-8.189	-6.544	2.497	3.329
25	M55	Y	-6.544	-3.463	3.329	4.162
26	M56	Y	-3.469	-6.578	0	.832
27	M56	Y	-6.578	-8.256	.832	1.665
28	M56	Y	-8.256	-7.041	1.665	2.497
29	M56	Y	-7.041	-4.429	2.497	3.329
30	M56	Y	-4.429	-1.881	3.329	4.162

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft....	Start Location[ft, %]	End Location[ft, %]
1	M51B	Y	-4.101	-10.407	0	.832
2	M51B	Y	-10.407	-16.994	.832	1.665

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

	Member Label	Direction	Start Magnitude[lb/ft,...]	End Magnitude[lb/ft,...]	Start Location[ft,%]	End Location[ft,%]
3	M51B	Y	-16.994	-20.168	1.665	2.497
4	M51B	Y	-20.168	-16.115	2.497	3.329
5	M51B	Y	-16.115	-8.528	3.329	4.162
6	M52B	Y	-8.544	-16.198	0	.832
7	M52B	Y	-16.198	-20.331	.832	1.665
8	M52B	Y	-20.331	-17.341	1.665	2.497
9	M52B	Y	-17.341	-10.908	2.497	3.329
10	M52B	Y	-10.908	-4.632	3.329	4.162
11	M31	Y	-4.641	-10.9	0	.832
12	M31	Y	-10.9	-17.348	.832	1.665
13	M31	Y	-17.348	-20.343	1.665	2.497
14	M31	Y	-20.343	-16.188	2.497	3.329
15	M31	Y	-16.188	-8.525	3.329	4.162
16	M32	Y	-8.529	-16.117	0	.832
17	M32	Y	-16.117	-20.166	.832	1.665
18	M32	Y	-20.166	-16.997	1.665	2.497
19	M32	Y	-16.997	-10.413	2.497	3.329
20	M32	Y	-10.413	-4.091	3.329	4.162
21	M55	Y	-4.101	-10.407	0	.832
22	M55	Y	-10.407	-16.994	.832	1.665
23	M55	Y	-16.994	-20.168	1.665	2.497
24	M55	Y	-20.168	-16.115	2.497	3.329
25	M55	Y	-16.115	-8.528	3.329	4.162
26	M56	Y	-8.544	-16.198	0	.832
27	M56	Y	-16.198	-20.331	.832	1.665
28	M56	Y	-20.331	-17.341	1.665	2.497
29	M56	Y	-17.341	-10.908	2.497	3.329
30	M56	Y	-10.908	-4.632	3.329	4.162

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

	Member Label	Direction	Start Magnitude[lb/ft,...]	End Magnitude[lb/ft,...]	Start Location[ft,%]	End Location[ft,%]
1	M51B	Z	-.05	-.127	0	.832
2	M51B	Z	-.127	-.207	.832	1.665
3	M51B	Z	-.207	-.246	1.665	2.497
4	M51B	Z	-.246	-.196	2.497	3.329
5	M51B	Z	-.196	-.104	3.329	4.162
6	M52B	Z	-.104	-.197	0	.832
7	M52B	Z	-.197	-.248	.832	1.665
8	M52B	Z	-.248	-.211	1.665	2.497
9	M52B	Z	-.211	-.133	2.497	3.329
10	M52B	Z	-.133	-.056	3.329	4.162
11	M31	Z	-.057	-.133	0	.832
12	M31	Z	-.133	-.211	.832	1.665
13	M31	Z	-.211	-.248	1.665	2.497
14	M31	Z	-.248	-.197	2.497	3.329
15	M31	Z	-.197	-.104	3.329	4.162
16	M32	Z	-.104	-.196	0	.832
17	M32	Z	-.196	-.246	.832	1.665
18	M32	Z	-.246	-.207	1.665	2.497
19	M32	Z	-.207	-.127	2.497	3.329
20	M32	Z	-.127	-.05	3.329	4.162
21	M55	Z	-.05	-.127	0	.832
22	M55	Z	-.127	-.207	.832	1.665
23	M55	Z	-.207	-.246	1.665	2.497
24	M55	Z	-.246	-.196	2.497	3.329
25	M55	Z	-.196	-.104	3.329	4.162
26	M56	Z	-.104	-.197	0	.832
27	M56	Z	-.197	-.248	.832	1.665

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
28	M56	Z	-.248	-.211	1.665	2.497
29	M56	Z	-.211	-.133	2.497	3.329
30	M56	Z	-.133	-.056	3.329	4.162

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft....]	Start Location[ft.%]	End Location[ft.%]
1	M51B	X	.05	.127	0	.832
2	M51B	X	.127	.207	.832	1.665
3	M51B	X	.207	.246	1.665	2.497
4	M51B	X	.246	.196	2.497	3.329
5	M51B	X	.196	.104	3.329	4.162
6	M52B	X	.104	.197	0	.832
7	M52B	X	.197	.248	.832	1.665
8	M52B	X	.248	.211	1.665	2.497
9	M52B	X	.211	.133	2.497	3.329
10	M52B	X	.133	.056	3.329	4.162
11	M31	X	.057	.133	0	.832
12	M31	X	.133	.211	.832	1.665
13	M31	X	.211	.248	1.665	2.497
14	M31	X	.248	.197	2.497	3.329
15	M31	X	.197	.104	3.329	4.162
16	M32	X	.104	.196	0	.832
17	M32	X	.196	.246	.832	1.665
18	M32	X	.246	.207	1.665	2.497
19	M32	X	.207	.127	2.497	3.329
20	M32	X	.127	.05	3.329	4.162
21	M55	X	.05	.127	0	.832
22	M55	X	.127	.207	.832	1.665
23	M55	X	.207	.246	1.665	2.497
24	M55	X	.246	.196	2.497	3.329
25	M55	X	.196	.104	3.329	4.162
26	M56	X	.104	.197	0	.832
27	M56	X	.197	.248	.832	1.665
28	M56	X	.248	.211	1.665	2.497
29	M56	X	.211	.133	2.497	3.329
30	M56	X	.133	.056	3.329	4.162

Member Area Loads (BLC 39 : Structure D)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N87C	N87B	N7	N6	Y	Two Way	-.005
2	N55	N57	N33	N32	Y	Two Way	-.005
3	N84	N86	N62	N61	Y	Two Way	-.005

Member Area Loads (BLC 40 : Structure Di)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N87C	N87B	N7	N6	Y	Two Way	-.013
2	N55	N57	N33	N32	Y	Two Way	-.013
3	N84	N86	N62	N61	Y	Two Way	-.013

Member Area Loads (BLC 84 : Structure Ev)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N87C	N87B	N7	N6	Y	Two Way	0
2	N55	N57	N33	N32	Y	Two Way	0
3	N84	N86	N62	N61	Y	Two Way	0

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

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N87C	N87B	N7	N6	Z	Two Way	-.000156
2	N55	N57	N33	N32	Z	Two Way	-.000156
3	N84	N86	N62	N61	Z	Two Way	-.000156

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

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N87C	N87B	N7	N6	X	Two Way	.000156
2	N55	N57	N33	N32	X	Two Way	.000156
3	N84	N86	N62	N61	X	Two Way	.000156

Envelope Joint Reactions

	Joint		X [lb]	LC	Y [lb]	LC	Z [lb]	LC	MX [k-ft]	LC	MY [k-ft]	LC	MZ [k-ft]	LC
1	N3	max	1187.8	10	221.707	7	4688.719	13	.22	7	1.708	4	.133	10
2		min	-1180.95	4	-184.632	1	-1683.861	7	-.123	1	-1.668	10	-.223	4
3	N30A	max	4066.202	21	341.27	15	1221.928	1	.124	10	2.005	12	.14	49
4		min	-1462.655	3	-142.785	9	-2582.106	7	-.518	40	-1.992	6	-.247	18
5	N59	max	1464.606	11	224.4	12	830.973	1	.15	8	1.705	8	.245	11
6		min	-3983.603	17	-211.292	30	-2286.989	18	-.508	38	-1.686	2	-.351	29
7	N93A	max	38.473	10	2960.552	13	-372.511	7	0	75	0	75	0	75
8		min	-38.273	4	264.38	7	-4160.109	13	0	1	0	1	0	1
9	N94A	max	-348.407	3	2968.052	21	2085.304	21	0	75	0	75	0	75
10		min	-3612.06	21	285.33	3	201.143	3	0	1	0	1	0	1
11	N95	max	3531.512	17	2902.8	17	2038.965	17	0	75	0	75	0	75
12		min	323.617	11	265.22	11	186.891	11	0	1	0	1	0	1
13	Totals:	max	4782.063	10	8604.84	16	4962.148	1						
14		min	-4782.061	4	2247.619	72	-4962.147	7						

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

Member	Shape	Code ...	Loc[ft]	LC	Shear ...	Loc[ft]	Dir	LC	phi*Pnc [...]	phi*Pnt [...]	phi*Mn y...	phi*Mn z...	Cb	Eqn
1	M4	HSS4X4X4	.152	3.783	13	.061	3.837	y	15	124657....	139518	16.181	16.181	1...H1-1b
2	M10	L3X3X3	.604	2.375	24	.329	.223	z	8	26973.922	35316	1.32	2.833	1...H2-1
3	M43	L3X3X3	.621	0	20	.385	2.152	z	6	26973.922	35316	1.32	2.833	1...H2-1
4	M46	PL1/2x6	.249	.516	1	.306	.516	y	22	66009.234	97200	1.012	12.15	1...H1-1b
5	M51B	L2x2x3	.248	4.162	8	.031	0	y	19	9823.122	23392.8	.558	1.076	1...H2-1
6	M52B	L2x2x3	.298	0	12	.032	4.162	y	19	9823.122	23392.8	.558	1.099	1...H2-1
7	M76	PL3/8x6	.254	0	4	.232	0	y	21	70677.939	72900	.57	9.113	2...H1-1b
8	M77	PL3/8x6	.157	.167	8	.111	0	y	13	71601.728	72900	.57	9.113	1...H1-1b
9	M80	PL1/2x6	.087	.112	1	.194	0	y	24	96757.507	97200	1.012	12.15	1...H1-1b
10	M84	PL3/8x6	.353	0	4	.247	0	y	19	70677.939	72900	.57	9.113	1...H1-1b
11	M85	PL3/8x6	.171	.167	6	.116	0	y	21	71601.728	72900	.57	9.113	1...H1-1b
12	M91	PL1/2x6	.083	.112	1	.227	0	y	14	96757.507	97200	1.012	12.15	1...H1-1b
13	M25	HSS4X4X4	.151	3.783	21	.059	3.837	y	23	124657....	139518	16.181	16.181	1...H1-1b
14	M26	L3X3X3	.625	2.375	19	.335	.223	z	4	26973.922	35316	1.32	2.833	1...H2-1
15	M27	L3X3X3	.627	0	16	.385	2.152	z	2	26973.922	35316	1.32	2.833	1...H2-1
16	M28	PL1/2x6	.246	.516	9	.309	.516	y	18	66009.234	97200	1.012	12.15	1...H1-1b
17	M31	L2x2x3	.253	4.162	4	.032	0	y	16	9823.122	23392.8	.558	1.075	1...H2-1
18	M32	L2x2x3	.299	0	8	.032	4.162	y	15	9823.122	23392.8	.558	1.102	1...H2-1
19	M36	PL3/8x6	.304	0	12	.243	0	y	17	70677.939	72900	.57	9.113	2...H1-1b
20	M37	PL3/8x6	.160	.167	4	.115	0	y	21	71601.728	72900	.57	9.113	1...H1-1b
21	M39	PL1/2x6	.086	.112	9	.197	0	y	20	96757.507	97200	1.012	12.15	1...H1-1b
22	M41	PL3/8x6	.375	0	12	.251	0	y	15	70677.939	72900	.57	9.113	1...H1-1b
23	M42	PL3/8x6	.177	0	12	.118	0	y	16	71601.728	72900	.57	9.113	1...H1-1b
24	M44	PL1/2x6	.080	.112	9	.222	0	y	22	96757.507	97200	1.012	12.15	1...H1-1b
25	M49	HSS4X4X4	.148	3.783	17	.069	3.837	y	27	124657....	139518	16.181	16.181	1...H1-1b
26	M50A	L3X3X3	.624	2.375	15	.340	.223	z	12	26973.922	35316	1.32	2.833	1...H2-1

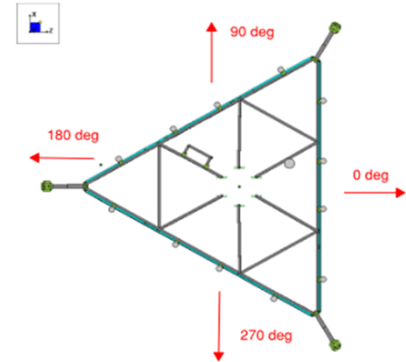
Envelope AISC 15th(360-16): LRFD Steel Code Checks (Continued)

	Member	Shape	Code ...	Loc[ft]	LC	Shear ...	Loc[ft]	Dir	LC	phi*Pnc [...]	phi*Pnt [...]	phi*Mn y...	phi*Mn z...	Cb	Eqn
27	M51C	L3X3X3	.597	0	24	.362	2.152	z	10	26973.922	35316	1.32	2.833	1...	H2-1
28	M52A	PL1/2x6	.246	.516	5	.303	.516	y	14	66009.234	97200	1.012	12.15	1...	H1-1b
29	M55	L2x2x3	.258	4.162	12	.032	0	y	23	9823.122	23392.8	.558	1.076	1...	H2-1
30	M56	L2x2x3	.277	0	4	.031	4.162	y	23	9823.122	23392.8	.558	1.099	1...	H2-1
31	M60	PL3/8x6	.280	0	8	.241	0	y	13	70677.939	72900	.57	9.113	2...	H1-1b
32	M61	PL3/8x6	.164	.167	12	.115	0	y	17	71601.728	72900	.57	9.113	1...	H1-1b
33	M63	PL1/2x6	.084	.112	5	.236	0	y	28	96757.507	97200	1.012	12.15	1...	H1-1b
34	M65	PL3/8x6	.334	0	8	.237	0	y	24	70677.939	72900	.57	9.113	1...	H1-1b
35	M66	PL3/8x6	.160	.167	10	.111	0	y	13	71601.728	72900	.57	9.113	1...	H1-1b
36	M68	PL1/2x6	.078	.112	5	.213	0	y	18	96757.507	97200	1.012	12.15	1...	H1-1b
37	M73	PIPE 3.0	.174	6.25	15	.057	1.042		13	28250.554	65205	5.749	5.749	1...	H1-1b
38	M74	PIPE 3.0	.162	6.25	24	.054	8.333		2	28250.554	65205	5.749	5.749	1...	H1-1b
39	M75	PIPE 3.0	.168	6.25	19	.056	1.042		24	28250.554	65205	5.749	5.749	1...	H1-1b
40	M76A	L2.5x2x4	.407	2.366	22	.004	4.635	z	12	13949.279	34668	.803	1.721	1...	H2-1
41	M77A	L2.5x2x4	.399	2.366	18	.004	0	z	8	13949.279	34668	.803	1.721	1...	H2-1
42	M78	L2.5x2x4	.406	2.366	14	.004	4.635	z	10	13949.279	34668	.803	1.721	1...	H2-1
43	MP1A	PIPE 2.0	.354	4.188	16	.114	1.25		7	20866.733	32130	1.872	1.872	2...	H1-1b
44	MP2A	PIPE 2.0	.355	4.063	2	.075	2.438		5	20866.733	32130	1.872	1.872	1...	H1-1b
45	MP3A	PIPE 2.0	.315	4.063	11	.103	1.063		2	20866.733	32130	1.872	1.872	2...	H1-1b
46	MP4A	PIPE 2.0	.300	3.813	22	.117	.813		1	20866.733	32130	1.872	1.872	2...	H1-1b
47	MP1C	PIPE 2.0	.349	4.188	24	.116	1.25		3	20866.733	32130	1.872	1.872	2...	H1-1b
48	MP2C	PIPE 2.0	.346	4.063	11	.078	4.063		11	20866.733	32130	1.872	1.872	2...	H1-1b
49	MP3C	PIPE 2.0	.310	4.063	7	.102	1.063		10	20866.733	32130	1.872	1.872	2...	H1-1b
50	MP4C	PIPE 2.0	.284	3.813	18	.116	.813		9	20866.733	32130	1.872	1.872	2...	H1-1b
51	MP1B	PIPE 2.0	.364	4.188	20	.113	1.25		11	20866.733	32130	1.872	1.872	2...	H1-1b
52	MP2B	PIPE 2.0	.376	4.063	6	.119	4.063		10	20866.733	32130	1.872	1.872	1...	H1-1b
53	MP3B	PIPE 2.0	.316	4.063	2	.105	2.438		12	20866.733	32130	1.872	1.872	2...	H1-1b
54	MP4B	PIPE 2.0	.312	3.813	14	.112	.813		5	20866.733	32130	1.872	1.872	2...	H1-1b
55	M104	PIPE 2.0	.101	2.5	11	.019	2.5		11	28843.414	32130	1.872	1.872	2...	H1-1b
56	M105	PIPE 2.5	.168	11.198	4	.106	1.302		8	14558.792	50715	3.596	3.596	1...	H1-1b
57	M106	PIPE 2.5	.176	11.198	12	.105	1.302		4	14558.792	50715	3.596	3.596	1...	H1-1b
58	M107	PIPE 2.5	.170	11.198	8	.111	1.302		12	14558.792	50715	3.596	3.596	1...	H1-1b
59	M114	L3X3X4	.313	0	1	.032	.088	z	12	42293.309	46656	1.688	3.756	2...	H2-1
60	M125A	L3X3X4	.313	0	9	.031	.044	z	8	42293.309	46656	1.688	3.756	2...	H2-1
61	M128A	L3X3X4	.306	0	5	.031	0	z	4	42293.309	46656	1.688	3.756	2...	H2-1

I. Mount-to-Tower Connection Check

Custom Orientation Required

Yes

[illegible]

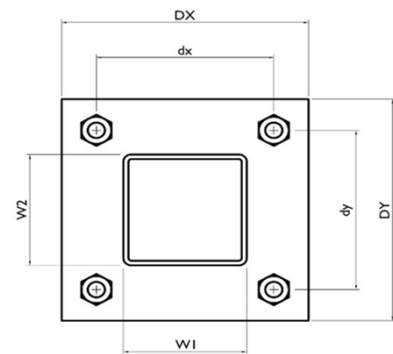
Tower Connection Bolt Checks

Yes

Bolt Orientation

Parallel

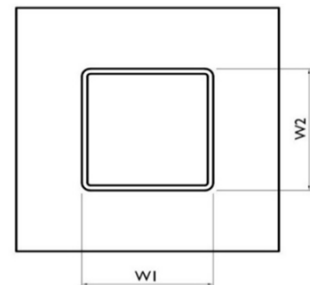
Bolt Quantity per Reaction:	4
d_x (in) (<i>Delta X of typ. bolt config. sketch</i>) :	8
d_y (in) (<i>Delta Y of typ. bolt config. sketch</i>) :	8
Bolt Type:	A325N
Bolt Diameter (in):	0.625
Required Tensile Strength / bolt (kips):	1.9
Required Shear Strength / bolt (kips):	0.4
Tensile Capacity / bolt (kips):	20.7
Shear Capacity / bolt (kips):	12.4
Bolt Overall Utilization:	9.4%



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
W1(in):	4
W2 (in):	4
Member Thickness (in):	0.25
Stiffener location a_1 (in):	
Stiffener location b_1 (in):	
Stiffener location a_2 (in):	
Stiffener location b_2 (in):	
F_y (ksi, plate):	36
Plate Thickness (in):	0.5
Length of Yield Line, L_y (in):	7.85
Bolt Eccentricity, e (in):	3.06
M_u (kip-in):	5.94
$\Phi * M_n$ (kip-in):	15.90
Plate Bending Utilization:	37.4%



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
0.88
4.18
21.1%

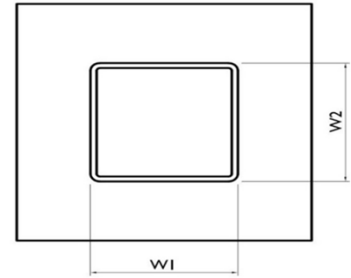
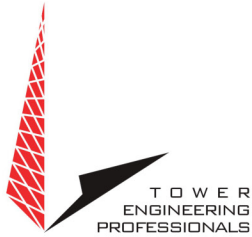


EXHIBIT 5





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Non-Ionizing Electromagnetic Radiation (NIER) Study

Site Number:

302529

Site Name:

Vernon CT 6

Location:

Vernon Rockville, Connecticut

Tenants:

AT&T Mobility, Sprint, Dish Wireless, & Verizon Wireless

Prepared For:

American Tower, Inc.
Woburn, Massachusetts

August 24th, 2023

68595 P-405148

Prepared By:

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

Approved By:





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TOWER ENGINEERING PROFESSIONALS

RALEIGH, NORTH CAROLINA



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Non-Ionizing Electromagnetic Radiation (NIER) Study

302529 Vernon CT 6

Vernon Rockville, 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 302529 Vernon CT 6 is located at 777 Talcotville Rd., in Vernon Rockville, Connecticut at coordinates 41.863487, -72.483298. The support structure is a 160' monopole. An aerial view of the tower can be found in Appendix 1, Site Photos. The tenants are AT&T Mobility (AT&T), Dish Wireless (Dish), Sprint (Sprint), & 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 120' from the base of the tower with a height of 6' above ground level was used, beyond 120' the MPE levels become *di minimus*. This study utilized FCC recognized and accepted software programs using the maximum ERP levels for the antenna models provided by ATC. Diagrams depicting the predicted spatial average power density level at any specific location may be found in Appendix 3, MPE Limit Study. A discussion regarding the FCC limits may be found in Appendix 4, Information Pertaining to MPE Studies. Study methodology describing Non-ionizing Radiation Prediction Models used in this study may be found in Appendix 5, MPE Standards Methodology.



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

- ATC furnished data and does not include other unidentified communication facilities.
- Load List at 302529 Vernon CT 6.RF NIER Study 8/15/23.
- 302529 Application received 8/15/23.
- 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.

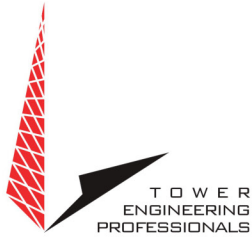
COMPLIANCE DETERMINATION

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

APPENDIX 1 Site Photos



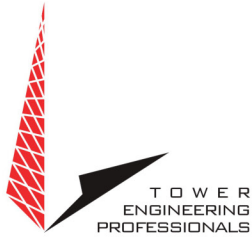
Aerial View of Site



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Appendix 2.1 Antenna Inventory

302529 Vernon CT 6							
Antenna Inventory							
Antenna #	Carrier	Antenna Manufacturer	Antenna Model	Frequency Band (MHz)	Azimuth (°)	Effective Radiated Power (W)	Radiation Center (ft)
1	Verizon	Samsung	MT6407-77A	1	050	18286	152
2	Verizon	Samsung	MT6407-77A	1	180	18286	152
3	Verizon	Samsung	MT6407-77A	1	290	18286	152
4	Verizon	Andrew	SBNHH 1D65-B	1900/2100	050	35085	151.4
5	Verizon	Andrew	SBNHH 1D65-B	1900/2100	180	35085	151.4
6	Verizon	Andrew	SBNHH 1D65-B	1900/2100	290	35085	151.4
7	Verizon	Andrew	SBNHH 1D65-B	1900/2100	050	35085	151.4
8	Verizon	Andrew	SBNHH 1D65-B	1900/2100	180	35085	151.4
9	Verizon	Andrew	SBNHH 1D65-B	1900/2100	290	35085	151.4
10	Verizon	Andrew	LNK-6514DS-A1M	700/800	050	28240	151.4
11	Verizon	Andrew	LNK-6514DS-A1M	700/800	180	28240	151.4
12	Verizon	Andrew	LNK-6514DS-A1M	700/800	290	28240	151.4
13	Verizon	Samsung	XXDWMM-CBRS	3500/3600	050	193	151.4
14	Verizon	Samsung	XXDWMM-CBRS	3500/3600	180	193	151.4
15	Verizon	Samsung	XXDWMM-CBRS	3500/3600	290	193	151.4
16	Verizon	Antel	QUAD656C0000X	3500/3600	050	1718	151.4
17	Verizon	Antel	QUAD656C0000X	3500/3600	180	1718	151.4
18	Verizon	Antel	QUAD656C0000X	3500/3600	290	1718	151.4
19	AT&T	CCI	DMP65R-BU6DA	700/800/1900/2100/2300/3500/3800/3900	070	638353	142
20	AT&T	CCI	DMP65R-BU6DA	700/800/1900/2100/2300/3500/3800/3900	190	638353	142
21	AT&T	CCI	DMP65R-BU6DA	700/800/1900/2100/2300/3500/3800/3900	300	638353	142

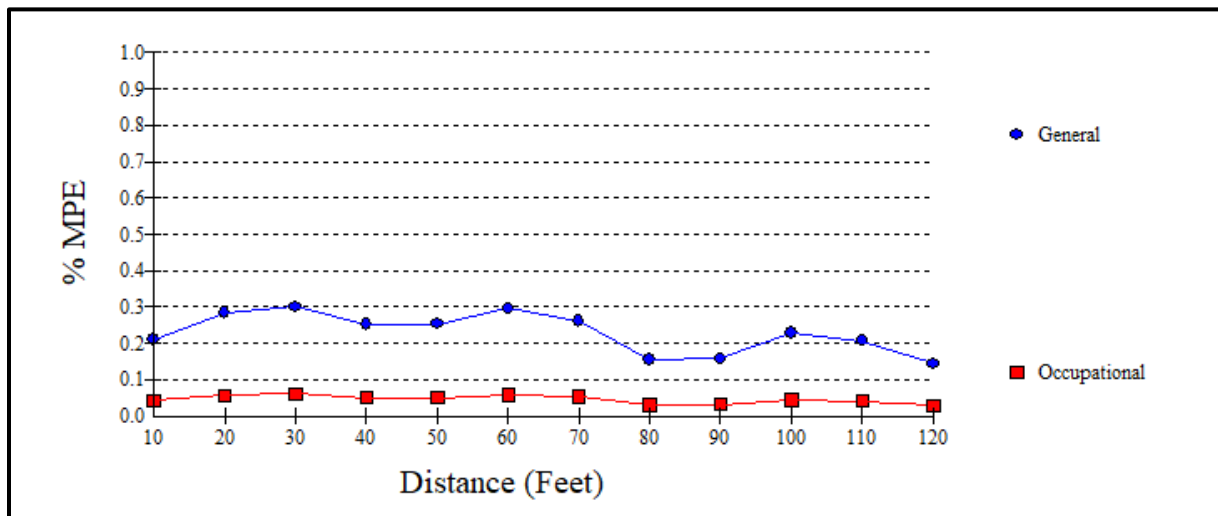


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Appendix 2.2 Antenna Inventory

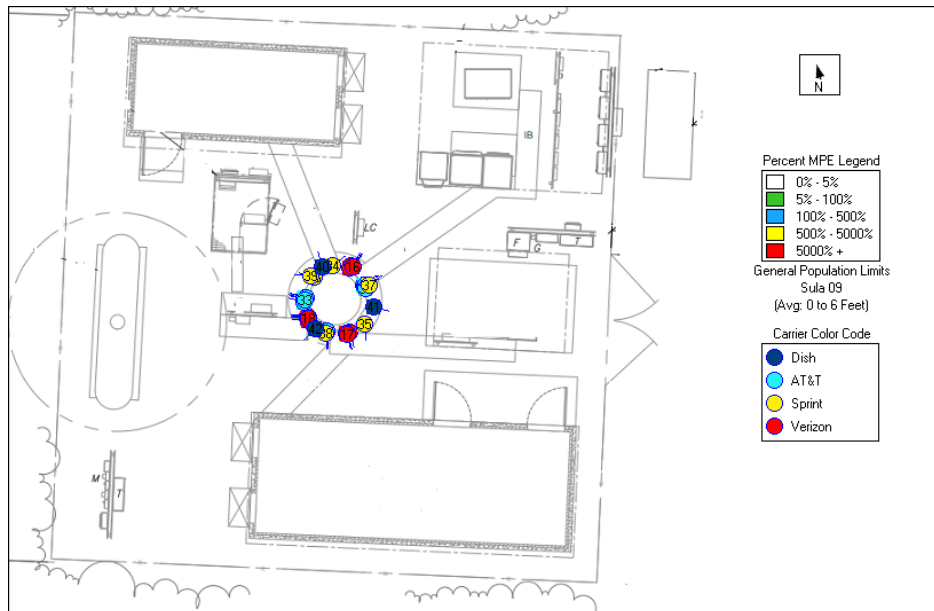
302529 Vernon CT 6							
Antenna Inventory							
Antenna #	Carrier	Antenna Manufacturer	Antenna Model	Frequency Band (MHz)	Azimuth (°)	Effective Radiated Power (W)	Radiation Center (ft)
22	AT&T	Ericsson	Air 6419	700/800/1900/2100/2300/3500/3800/3900	070	32168	142
23	AT&T	Ericsson	Air 6419	700/800/1900/2100/2300/3500/3800/3900	190	32168	142
24	AT&T	Ericsson	Air 6419	700/800/1900/2100/2300/3500/3800/3900	300	32168	142
25	AT&T	Ericsson	Air 6449	700/800/1900/2100/2300/3500/3800/3900	070	24400	142
26	AT&T	Ericsson	Air 6449	700/800/1900/2100/2300/3500/3800/3900	190	24400	142
27	AT&T	Ericsson	Air 6449	700/800/1900/2100/2300/3500/3800/3900	300	24400	142
28	AT&T	CCI	TPA-65R-BU6DA	700/800/1900/2100/2300/3500/3800/3900	070	638353	142
29	AT&T	CCI	TPA-65R-BU6DA	700/800/1900/2100/2300/3500/3800/3900	190	638353	142
30	AT&T	CCI	TPA-65R-BU6DA	700/800/1900/2100/2300/3500/3800/3900	300	638353	142
31	Sprint	Ericsson	Air 6419	2500/2600	070	24400	130
32	Sprint	Ericsson	Air 6419	2500/2600	190	24400	130
33	Sprint	Ericsson	Air 6419	2500/2600	290	24400	130
34	Sprint	RFS	APXVAALL24	600/1900/2100	070	24400	130
35	Sprint	RFS	APXVAALL24	600/1900/2100	190	24400	130
36	Sprint	RFS	APXVAALL24	600/1900/2100	290	24400	130
37	Dish	JMA	MX08FRO665-21	600/1900/2000/2100	000	48332	109
38	Dish	JMA	MX08FRO665-21	600/1900/2000/2100	120	48332	109
39	Dish	JMA	MX08FRO665-21	600/1900/2000/2100	240	48332	109
40	Dish	JMA	MX08FRO665-21	600/1900/2000/2100	000	48332	108.7
41	Dish	JMA	MX08FRO665-21	600/1900/2000/2100	120	48332	108.7
42	Dish	JMA	MX08FRO665-21	600/1900/2000/2100	240	48332	108.7

Appendix 3.1 MPE Limit Study



Maximum Power Density (@30'):	0.0019 mW/cm ²
General Population MPE (@30'):	0.2998%
Occupational MPE (@30'):	0.0600%

Appendix 3.2 MPE Limit Study





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Appendix 4 Information Pertaining to MPE Studies

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

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

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

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



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

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

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



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Appendix 5 MPE Standards Methodology

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

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



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

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

f = frequency

* = Plane-wave equivalent power density



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

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

f = frequency

* = Plane-wave equivalent power density

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

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



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

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

Cylindrical Model (Near Field Predictions)

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

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

Where:

S = Power Density

P = Total Power into antenna

R = Distance from the antenna

L = Antenna aperture length



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

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

Where:

S = Power Density

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

P = Total Power into antenna

R = Distance from the antenna

L = Antenna aperture length

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



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Spherical Model (Far Field Predictions)

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

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

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

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

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

Where:

S = Power Density

EIRP = Effective Radiated Power from antenna

Rc = Reflection Coefficient (2.56)

R = Distance from the antenna

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

EXHIBIT 6





OFFICE OF THE
TOWN PLANNER

TOWN OF VERNON

14 PARK PLACE, VERNON, CONN. 06066

Tel: (860) 870-3635

Fax: (860) 870-3683

E-mail: planning@vernonconn.com

TO: Gene Bolles - Building Official

FROM: Thomas Joyce - Town Planner

DATE: 13 May 2002

SUBJECT: Building Permit Application for 777 Talcottville Road
[PZ-2000-37]

The Planning & Zoning Commission (PZC) approved a special permit and site plan on December 7, 2000, for Nextel Communications to construct a telecommunications tower at 777 Talcottville Road [PZ-2000-37]. Attached are copies of the approval letter and site plan.

I assume that the proposed building will house electrical equipment serving the telecommunications tower and will not create additional activities on the site. In this case, it would be appropriate for a minor modification of the site plan to be requested.

C: PZ-2000-37 file



OFFICE OF THE
TOWN PLANNER

TOWN OF VERNON

14 PARK PLACE, VERNON, CONN. 06066

Tel: (860) 870-3667

Fax: (860) 870-3580

E-Mail: russellg@vernonconn.com

Planning & Zoning Commission

Certified Mail: 7099-3400-0001-1623-0735

December 8, 2000

Mr. John Knuff
Hurwitz & Sagarin LLC
PO Box 112
Milford, Ct. 06460

Dear Mr. Knuff:

At its December 7, 2000 meeting, the Vernon Planning & Zoning Commission voted to approve the special permit for a 162' high telecommunications tower at 777 Talcottville Road.

This approval is effective 12/15/2000 and UPON THE RECORDING OF THIS LETTER AND THE ATTACHED FORM WITH THE TOWN CLERK. A signed copy of this letter must be returned to the Town Planner's office within 15 days of the effective date or the approval is void.

This approval was granted since the tower is compatible with surrounding land uses, and will allow for future co-location of other providers and all provisions of sections 23.1 and 23.2 have been met as reflected in the record.

This approval is subject to the following stipulations.

1. Site plan mylars, size 24" x 36", showing all stipulations of approval from all land use commissions must be stamped "approved" and signed by the Planning and Zoning Commission and filed by the applicant with the Town Planner and Town Clerk by 3/15/2001;
2. The developer shall be responsible for erosion control and any soil laden runoff issuing from the developer's site shall be considered a violation of this stipulation and shall be cleaned up prior to the final release of bonds;
3. A fully executed Hold Harmless Agreement in compliance with the Town of Vernon approved form must be submitted to the Town Planner;

ApprovedPZCletter's

4. A performance bond, in the amount of \$1,000 in accordance with the commission policy approved January 14, 1985, and amended to June 1, 1991 must be submitted to the Town Planner. This bond is subject to subsequent modification if additional plan review or modification so dictate. Failure to maintain said bond shall result in the approval becoming null and void;
5. No site preparation work, including but not limited to, grading, tree removal, on-site storage of materials and excavation work, may commence until stipulations 3 and 4 are met;
6. Building permits may be obtained if stipulations 3 and 4 are met;
7. All improvements required under this approval must be completed by 12/15/2004;
8. Fifty (50) percent of foundations must be completed by 12/15/20001;
9. Dumpster shall be provided during construction;
10. No on site burial of building materials or debris and a statement to this effect shall be submitted to the Town Planner prior to the release of bonds;
11. All subsequent co-located antennas must receive zoning approval from the town;
12. Complete as built plans to be submitted to the Town Planner, and approved per Engineering Department Policy;
13. This approval is binding upon the developer, his heirs, assigns and grantees. This approval constitutes a contractual agreement between the Town of Vernon and the applicant, his heirs, assigns and grantees;
14. Failure to meet any of the dates specified in this approval shall render the approval null and void unless said date can be statutorily extended and is so extended by the commission;
15. In evaluating this application the Town of Vernon has relied on information provided by the applicant or his agent and if such information subsequently proves to be false, deceptive, incomplete, and/or inaccurate, the Town of Vernon reserves the right to modify, suspend or revoke this approval.

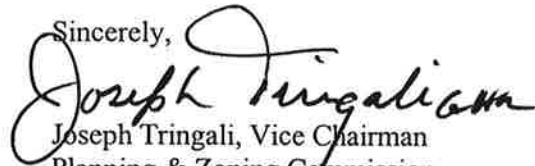
The applicant hereby agrees to these contractual stipulations of approval.

**THIS LETTER MUST BE SIGNED AND RETURNED TO THE TOWN PLANNER
WITHIN 15 DAYS OF THE EFFECTIVE DATE OR THE APPROVAL IS NULL AND VOID.**


Signed

JOHN W. KNUFF
Printed Name

12/15/00
Date

Sincerely,

Joseph Tringali, Vice Chairman
Planning & Zoning Commission

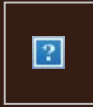
GHR/dr
cc- PZ-2000-37
Gene Bolles
Ron Taft

ApprovedPZCletters

EXHIBIT 7



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CENTERLINE SITE ACQUISITION

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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:	14519509

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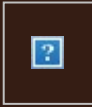
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CENTERLINE SITE ACQUISITION

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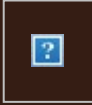
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Delivery Time: 11:19 AM

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CENTERLINE SITE ACQUISITION

Tracking Number:	1Z9Y45030316144427
Ship To:	777 REALTY LLC 777 TALCOTTVILLE ROAD VERNON ROCKVILLE, CT 060662318 US
Number of Packages:	1
UPS Service:	UPS Ground
Package Weight:	1.0 LBS
Reference Number:	14519509

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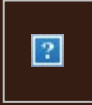
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Date: Tuesday, October 10, 2023 10:22:32 AM



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Delivery Date: Tuesday, 10/10/2023

Delivery Time: 10:21 AM

Signed by: ROBERTS

CENTERLINE SITE ACQUISITION

Tracking Number:	1Z9Y45030304259415
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Number of Packages:	1
UPS Service:	UPS Ground
Package Weight:	1.0 LBS
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