Robinson+Cole

KENNETH C. BALDWIN

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Also admitted in Massachusetts
and New York

April 14, 2021

Via Electronic Mail

Melanie A. Bachman, Esq.
Executive Director/Staff Attorney
Connecticut Siting Council
10 Franklin Square
New Britain, CT 06051

Re: **Notice of Exempt Modification – Facility Modification**
623-627 Honeyspot Road, Stratford, Connecticut

Dear Attorney Bachman:

Cellco Partnership d/b/a Verizon Wireless ("Cellco") currently maintains an existing wireless telecommunications facility at the above-referenced property address (the "Property"). The facility consists of antennas and remote radio heads attached to a tower and related equipment on the ground, near the base of the tower. Cellco's shared use of the tower was approved by the Council on June 23, 1999 and the Stratford Building Official on August 18, 1999. Copies of the Council's tower share approval and the Town of Stratford ("Town") Building Permit are included in Attachment 1. The tower was approved by the Town in 1994. Copies of the original approval are not available in the Town's zoning department records.

Cellco now intends to modify its facility by removing nine (9) existing antennas and nine (9) existing remote radio heads ("RRHs") and installing nine (9) new antennas and nine (9) new RRHs on Cellco's same antenna platform. A set of project plans showing Cellco's proposed facility modifications and Cellco's new antennas and RRHs specifications are included in Attachment 2.

Please accept this letter as notification pursuant to R.C.S.A. § 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 Stratford'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).

1. The proposed modifications will not result in an increase in the height of the existing tower. Cellco's replacement antennas will be installed on Cellco's existing antenna platform.

2. The proposed modifications will not involve any change to ground-mounted equipment and, therefore, 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 installation of Cellco's replacement antennas will not increase radio frequency (RF) emissions at the facility to a level at or above the Federal Communications Commission (FCC) safety standard. A cumulative General Power Density table for the modified facility is included in Attachment 3. The modified facility will be capable of providing Cellco's 5G wireless service.

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

6. According to the attached Structural Analysis ("SA") and Mount Analysis ("MA"), the existing tower, tower foundation, tower base plate and antenna mounting device can support Cellco's proposed modifications. Copies of the SA and MA are included in Attachment 4. Also included in Attachment 4 is a separate letter prepared by the consulting engineer responsible for the preparation of the SA and MA verifying that the antenna model described in the SA and MA, respectively, as a VZS01, is the Samsung 64T64R model antenna and RRH that will be installed on the tower.

A copy of the parcel map and Property owner information is included in Attachment 5. A Certificate of Mailing verifying that this filing was sent to municipal officials is included in Attachment 6.

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

Sincerely,

Kenneth C. Baldwin

Enclosures
Copy to:
Laura R. Hoydick, Stratford Mayor
Jay Habansky, AICP, Stratford Planning and Zoning Administrator
Becker LLC
Aleksey Tyurin

Attachment 1

STATE OF CONNECTICUT

CONNECTICUT SITING COUNCIL

Ten Franklin Square
New Britain, Connecticut 06051
Phone: (860) 827-2935
Fax: (860) 827-2950

June 23, 1999

Peter W. van Wilgen
SNET Wireless Inc.
500 Enterprise Drive
Rocky Hill, CT 06067-3900

RE: TS-SCLP/BAM/ATT-138-990525 - Springwich Cellular Limited Partnership, Cellco Partnership d/b/a Bell Atlantic Mobile and AT&T Wireless PCS d/b/a AT&T Wireless Services request for an order to approve tower sharing at an existing telecommunications facility located at 623-627 Honeyspot Road in Stratford, Connecticut.

Dear Mr. van Wilgen:

At a public meeting held June 16, 1999, the Connecticut Siting Council (Council) ruled that the shared use of this existing tower site is technically, legally, environmentally, and economically feasible and meets public safety concerns, and therefore, in compliance with General Statutes § 16-50aa, the Council has ordered the shared use of this facility to avoid the unnecessary proliferation of tower structures, conditioned with a requirement to use a galvanized steel finish on the new tower, no tower lighting unless ordered by the Federal Aviation Administration, and the use of low-profile antennas, as requested by the Town of Stratford, Connecticut.

This facility has been carefully modeled to ensure that radio frequency emissions are conservatively below State and federal standards applicable to the frequency now used on this tower. Any additional change to this facility will require explicit notice to this agency pursuant to Regulations of Connecticut State Agencies Section 16-50j-73. Such notice shall include all relevant information regarding the proposed change with cumulative worst-case modeling of radio frequency exposure at the closest point uncontrolled access to the tower base, consistent with Federal Communications Commission, Office of Engineering and Technology, Bulletin 65. Any deviation from this format may result in the Council implementing enforcement proceedings pursuant to General Statutes § 16-50u including, without limitation, imposition of expenses resulting from such failure and of civil penalties in an amount not less than one thousand dollars per day for each day of construction or operation in material violation.

This decision applies only to this request for tower sharing and is not applicable to any other request or construction.

The proposed shared use is to be implemented as specified in your letter dated May 25, 1999, and additional information dated June 15, 1999. Please notify the Council when all work is complete.

Very truly yours,

Mortimer A. Gelston
Chairman

MAG/RKE/tsg

c: Mark S. Barnhart, Town Manager, Town of Stratford
Sandy Carter, Bell Atlantic Mobile
Paul A. Spurlock, AT&T Wireless Services, Inc.

L:\siting\em\springwch\stratford\dct61699.doc

BUREAU of BUILDING INSPECTION
TOWN OF STRATFORD

BUILDING PERMIT

Mail to:

RAY GAGNON, JR.
CONSTRUCTION SERVICES OF BFD
633 NORTH BRANFORD RD.
BRANFORD, CT 06405

Bl'dg Permit # 10720 Issued 8/18/99

Inspector's Est. Value $ 195,000

STATE $31.20

Fee Paid $ 994.00 Rec. # 12874

THIS IS TO CERTIFY THAT RAY GAGNON, JR.

has been granted permission to CONSTRUCT CELLULAR EQUIPMENT SHELTER/MONO POLE

At 623 HONEYSPOT RD.

Remarks JOHN BECKER, OWNER

Signed JOHN J. CARROLL *Building Official*

Building Inspector's Office Hours — 8:30 to 10:00 A.M. and 1:00 to 2:00 P.M.

ROOM 210 TOWN HALL PHONE: 385-4010

B.1.10

Attachment 2

WIRELESS COMMUNICATIONS FACILITY

SITE NAME:
STRATFORD CT

COM-TRONICS
623-627 HONEYSPOT RD.
STRATFORD, CT 06615

ANTENNA MODIFICATION

PROJECT SUMMARY	
SITE NAME:	STRATFORD CT
SITE ADDRESS:	623-627 HONEYSPOT RD. STRATFORD, CT 06615
PROPERTY OWNER:	BECKER LLC 951 BEAVER DAM RD. STRATFORD, CT 06614
TOWER OWNER/MGMT:	COM-TRONICS
PARCEL ID:	30-6-12-6
COORDINATES:	41° 10' 36.7896" N 73° 08' 46.176" W
VERIZON CONSTRUCTION:	WALTER CHARCZYNSKI (860) 306-1806
VERIZON REAL ESTATE:	ALEX TYURIN (860) 550-3195

AERIAL MAP

N

SHEET INDEX

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WIRELESS COMMUNICATIONS FACILITY

20 ALEXANDER DRIVE
WALLINGFORD, CT 06492

On Air Engineering, LLC
88 Foundry Pond Road
Cold Spring, NY 10516
201-456-4624
onair@optonline.net

LICENSURE

STATE OF CONNECTICUT
DAVID A. WEINPAHL
NO. 22144
LICENSED
LICENSED PROFESSIONAL ENGINEER

DAVID WEINPAHL, P.E.
CT LIC NO. 22144

SUBMITTALS

NO	DATE	DESCRIPTION
0	12.08.20	REVIEW
1	02.01.21	PERMITTING/CONSTRUCTION

DRAWN BY:	MF
CHECKED BY:	DW

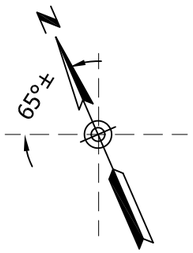
PROJECT NAME:
ANTMO
VZS01-850-LTE
DESIGN EXHIBITS

SITE NAME:
STRATFORD CT

SITE ADDRESS:
COM-TRONICS
623-627 HONEYSPOT RD.
STRATFORD, CT 06615

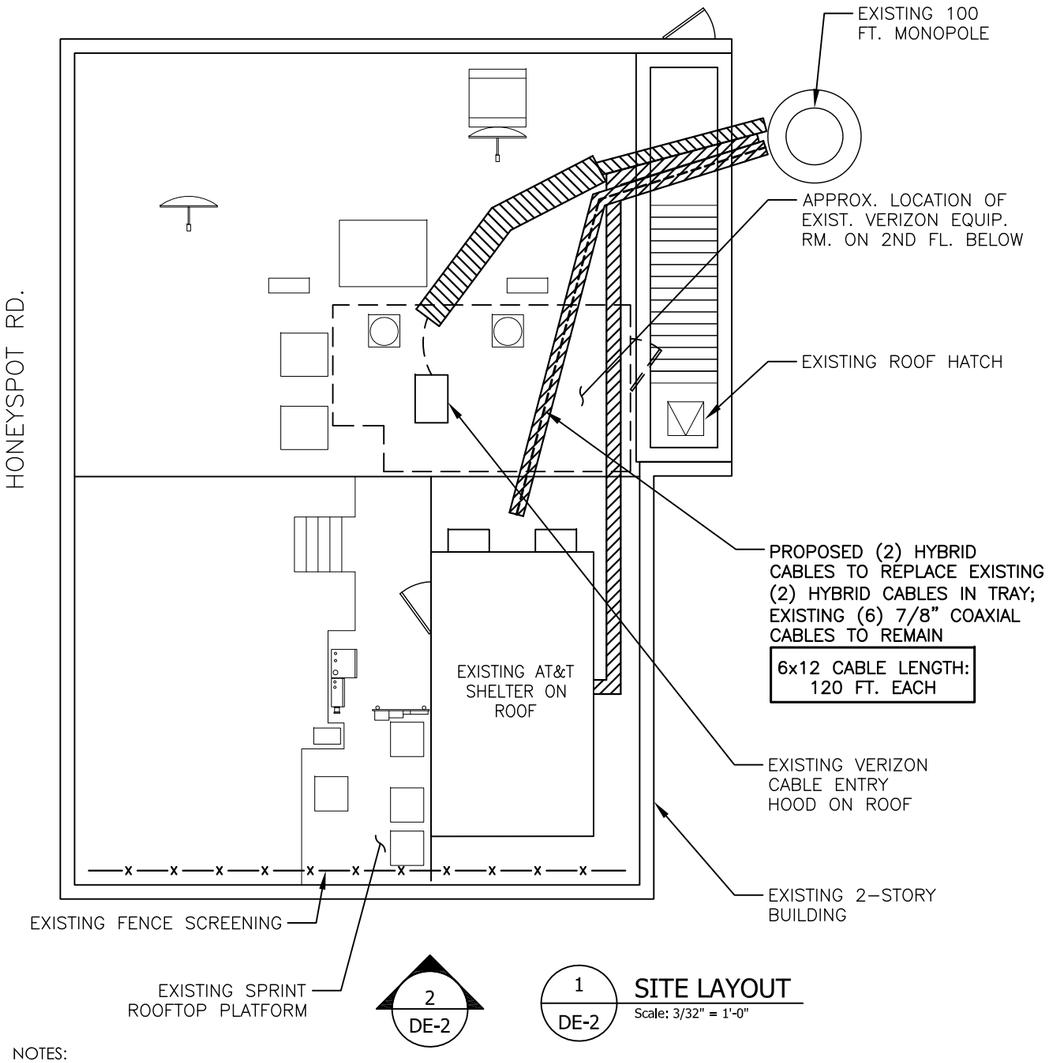
SHEET TITLE:
TITLE SHEET

SHEET NUMBER:
DE-1



COLUMBUS AVE.

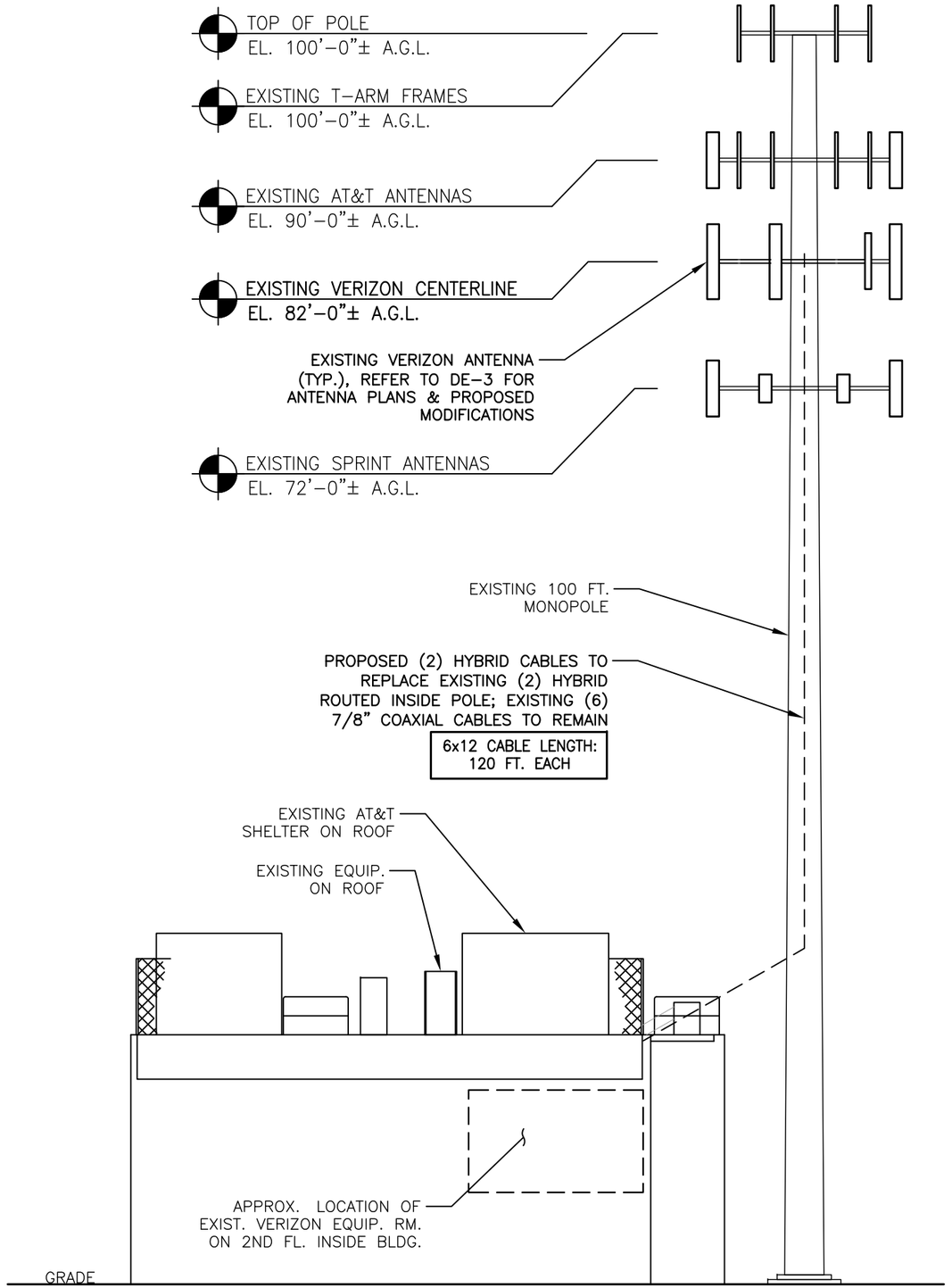
HONEYSPOT RD.



2 / DE-2

1 / DE-2 **SITE LAYOUT**
Scale: 3/32" = 1'-0"

NOTES:
1. SITE LAYOUT IS COMPILED FROM EXISTING DRAWINGS ON FILE WITH THE CT SITING COUNCIL AND A LIMITED DESIGN VISIT ON 10-07-20 FOR A PROPOSED VERIZON ANTENNA MODIFICATION.
2. PLANS ARE DIAGRAMMATIC ONLY AND NOT TO BE SCALED.
3. REFER TO STRUCTURAL TOWER AND MOUNT ANALYSIS REPORTS, BY OTHERS UNDER SEPARATE COVER, FOR ANY REQUIRED TOWER & MOUNT REINFORCEMENTS, WHICH MUST BE PERFORMED PRIOR TO ANY OTHER VERIZON ANTENNA MODIFICATIONS.



2 / DE-2 **SOUTH ELEVATION**
Scale: N.T.S

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WIRELESS COMMUNICATIONS FACILITY

20 ALEXANDER DRIVE
WALLINGFORD, CT 06492

On Air Engineering, LLC
88 Foundry Pond Road
Cold Spring, NY 10516
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onair@optonline.net

LICENSURE

STATE OF CONNECTICUT · DAVID A. WEINPAHL · NO. 22144 · LICENSED · LICENSED PROFESSIONAL ENGINEER

DAVID WEINPAHL, P.E.
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1	02.01.21	PERMITTING/CONSTRUCTION

DRAWN BY:	MF
CHECKED BY:	DW

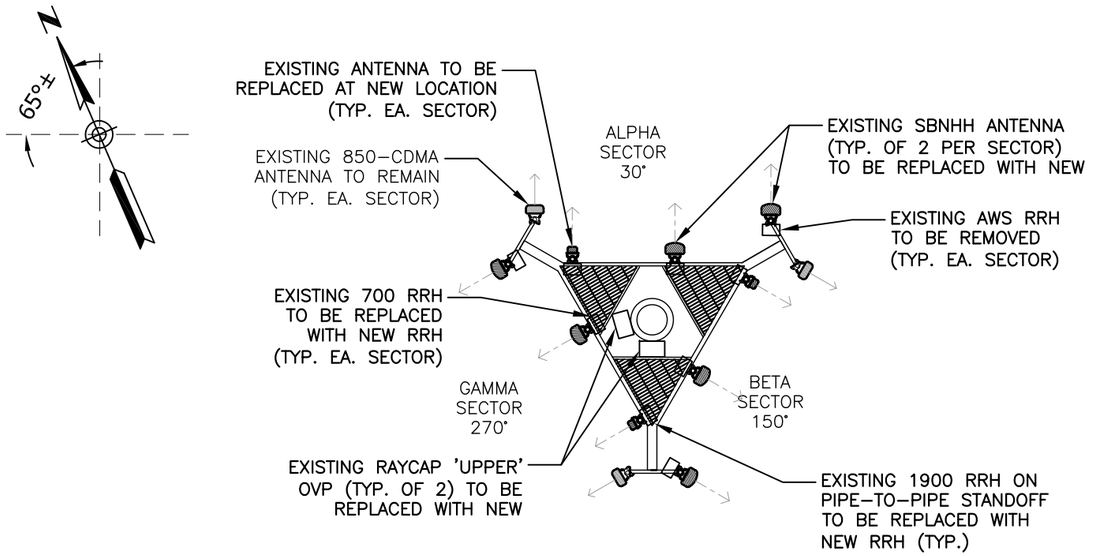
PROJECT NAME:
ANTMO
VZS01-850-LTE
DESIGN EXHIBITS

SITE NAME:
STRATFORD CT

SITE ADDRESS:
COM-TRONICS
623-627 HONEYSPOT RD.
STRATFORD, CT 06615

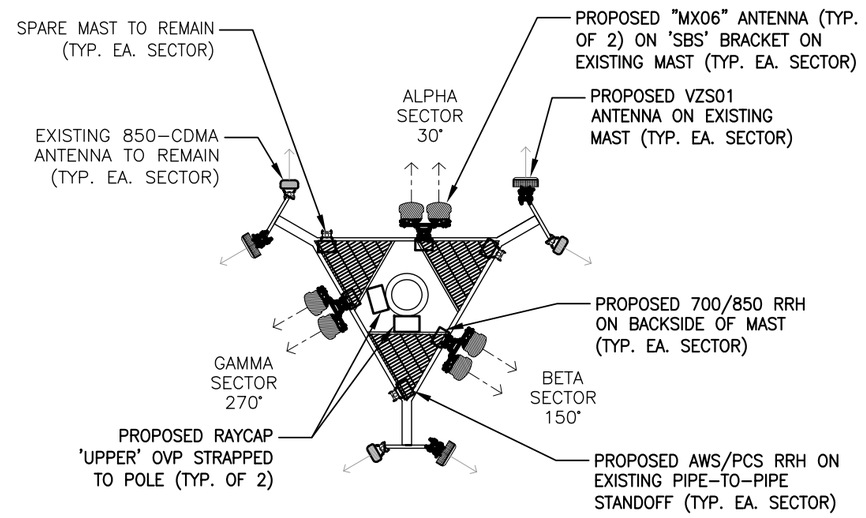
SHEET TITLE:
SITE LAYOUT &
SOUTH ELEVATION

SHEET NUMBER:
DE-2



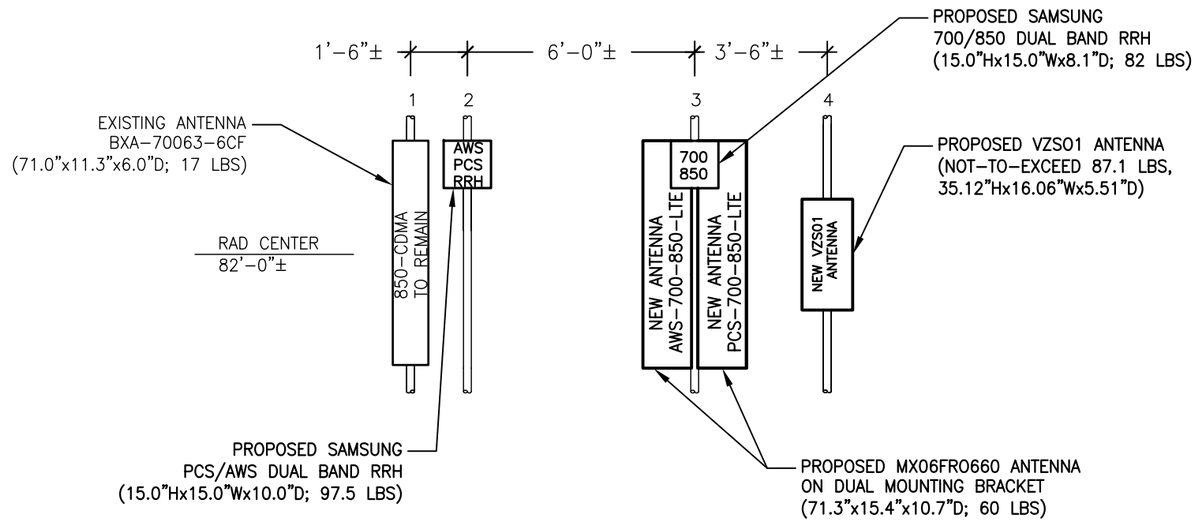
1 DE-3 ANTENNA PLAN @ 82 FT. - EXISTING

Scale: 1/8" = 1'-0"



2 DE-3 ANTENNA PLAN @ 82 FT. - PROPOSED

Scale: 1/8" = 1'-0"



SECTOR VIEWED FROM THE REAR

3 DE-3 ANTENNA ELEVATION (TYP.) - PROPOSED

Scale: 1/4" = 1'-0"

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PROJECT NAME:
ANTMO
VZS01-850-LTE
DESIGN EXHIBITS

SITE NAME:
STRATFORD CT

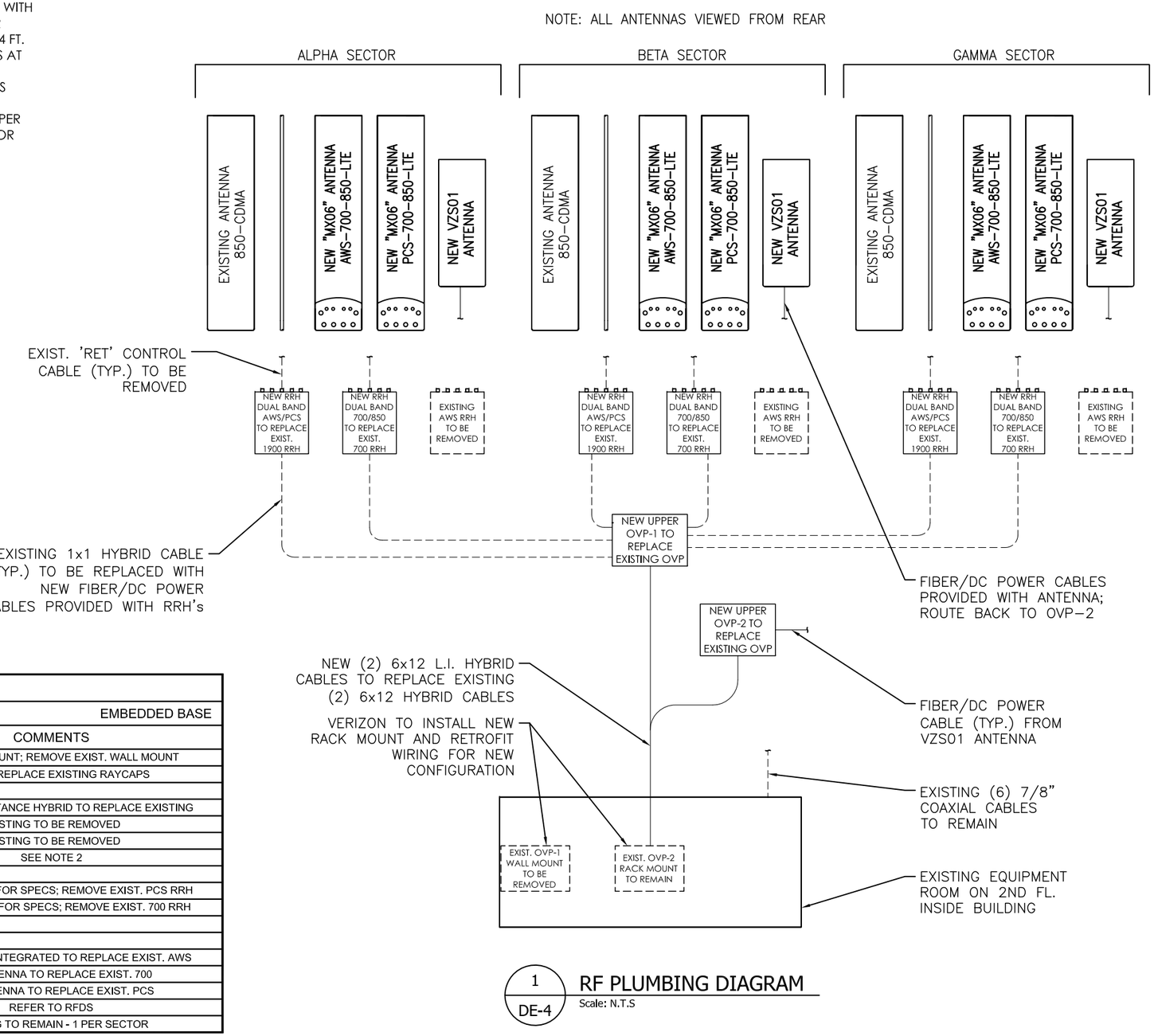
SITE ADDRESS:
COM-TRONICS
623-627 HONEYSPOT RD.
STRATFORD, CT 06615

SHEET TITLE:
ANTENNA PLANS & ELEVATION

SHEET NUMBER:
DE-3

GENERAL NOTES:

1. CONTRACTOR SHALL REFER TO THE LATEST VERIZON WIRELESS RFDS WHICH MAY INCLUDE ANTENNA SECTOR AZIMUTHS/ANTENNA CHANGES, ETC. THAT ARE REQUIRED AS PART OF THE PROJECT.
2. CONTRACTOR SHALL SECURE ALL CONTROL CABLES IN ACCORDANCE WITH INDUSTRY STANDARDS AND MANUFACTURERS INSTRUCTIONS. EXTERIOR CABLES MAY BE TAPED OR TIE-WRAPPED TO EXISTING SUPPORTS EVERY 4 FT. MAX. FOR HORIZONTAL RUNS. CONTRACTOR MAY USE HOISTING GRIPS AT TOP OF VERTICAL CABLE RUNS WHEN REQUIRED.
3. ALL CABLES SHALL BE ROUTED AND SECURED ON STRUCTURAL MEMBERS ONLY - DO NOT "LOOP" THE CABLES IN MID-AIR BETWEEN ANTENNAS
4. REFER TO RFDS FOR DETAILED PLUMBING DIAGRAM SHOWING ALL JUMPER AND OTHER CABLING CONNECTIONS AT ANTENNAS, RRH's, DIPLEXERS OR OTHER DEVICES.



1 / DE-4 RF PLUMBING DIAGRAM
Scale: N.T.S

BILL OF MATERIALS			
SITE NAME: STRATFORD CT		ANTMO VZS01-850-LTE	EMBEDDED BASE
DESCRIPTION	QTY	LENGTH	COMMENTS
LOWER OVP	1	-	NEW RACK MOUNT; REMOVE EXIST. WALL MOUNT
6-CKT. UPPER OVP	2	-	NEW TO REPLACE EXISTING RAYCAPS
6x12 HYBRID CABLE	2	120 FT.	NEW LOW INDUCTANCE HYBRID TO REPLACE EXISTING
1x1 HYBRID CABLE	-	-	EXISTING TO BE REMOVED
RET CONTROL CABLE	-	-	EXISTING TO BE REMOVED
1/2" JUMPERS	-	-	SEE NOTE 2
AWS/PCS DUAL BAND RRH	3	-	REFER TO RFDS FOR SPECS; REMOVE EXIST. PCS RRH
700/850 DUAL BAND RRH	3	-	REFER TO RFDS FOR SPECS; REMOVE EXIST. 700 RRH
VZS01 ANTENNA	3	-	NEW SAMSUNG INTEGRATED TO REPLACE EXIST. AWS
MX06 ANTENNA - AWS/700/850-LTE	3	-	NEW ANTENNA TO REPLACE EXIST. 700
MX06 ANTENNA - PCS/700/850-LTE	3	-	NEW ANTENNA TO REPLACE EXIST. PCS
DUAL MOUNTING BRACKETS	3	-	REFER TO RFDS
850-CDMA ANTENNA	-	-	EXISTING TO REMAIN - 1 PER SECTOR

NOTES:
1. ITEMS SHOWN ARE FOR MAJOR DESIGN ELEMENTS ONLY. REFER TO VERIZON WIRELESS RFDS FOR ALL MANUFACTURER PART NUMBERS AND ACCESSORY ITEMS REQUIRED FOR A COMPLETE INSTALLATION.
2. CONTRACTOR SHALL DETERMINE AND PROVIDE ALL REQUIRED PRE-FAB JUMPER QUANTITIES AND LENGTHS, KEEPING ALL LENGTHS TO A MINIMUM.

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CHECKED BY:	DW

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VZS01-850-LTE
DESIGN EXHIBITS

SITE NAME:
STRATFORD CT

SITE ADDRESS:
COM-TRONICS
623-627 HONEYSPOT RD.
STRATFORD, CT 06615

SHEET TITLE:
RF PLUMBING DIAGRAM & B.O.M.

SHEET NUMBER:
DE-4

GENERAL CONSTRUCTION NOTES:

1. CONTRACTOR SHALL NOT COMMENCE ANY WORK UNTIL HE OBTAINS, AT HIS OWN EXPENSE, ALL INSURANCE REQUIRED BY *CELLCO PARTNERSHIP d/b/a VERIZON, THE PRO*PERTY OWNER AND/OR PROPERTY MANAGEMENT COMPANY.

2. ALL WORK SHALL BE DONE IN ACCORDANCE WITH ALL APPLICABLE CODES AND REGULATIONS AND ALL LOCAL LAWS AND REGULATIONS, CURRENT EDITIONS.

3. CONTRACTOR SHALL VISIT THE JOB SITE AND FAMILIARIZE HIMSELF WITH ALL CONDITIONS AFFECTING THE PROPOSED WORK AND MAKE PROVISIONS AS TO THE COST THEREOF. CONTRACTOR SHALL BE RESPONSIBLE FOR FAMILIARIZING HIMSELF WITH ALL CONTRACT DOCUMENTS, FIELD CONDITIONS AND DIMENSIONS AND CONFIRMING THAT THE WORK MAY BE ACCOMPLISHED AS SHOWN PRIOR TO PROCEEDING WITH CONSTRUCTION. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO THE COMMENCEMENT OF WORK.

4. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS, ELEVATIONS, ANGLES AND EXISTING CONDITIONS AT THE SITE PRIOR TO FABRICATION AND/OR INSTALLATION OF ANY WORK IN THE CONTRACT AREA AND SUBMIT TO THE ENGINEER ANY DISCREPANCIES FROM THE DRAWINGS.

5. CONTRACTOR IS TO REVIEW ALL DRAWINGS AND SPECIFICATIONS IN THE CONTRACT DOCUMENT SET. CONTRACTOR SHALL COORDINATE ALL WORK SHOWN IN THE SET OF DRAWINGS. CONTRACTOR SHALL PROVIDE A COMPLETE SET OF DRAWINGS TO ALL SUB-CONTRACTORS AND ALL RELATED PARTIES. THE SUB-CONTRACTORS SHALL EXAMINE ALL THE DRAWINGS AND SPECIFICATIONS FOR THE INFORMATION THAT AFFECTS THEIR WORK.

6. CONTRACTOR SHALL PROVIDE A COMPLETE BUILD-OUT WITH ALL FINISHES, STRUCTURAL, MECHANICAL AND ELECTRICAL COMPONENTS AND PROVIDE ALL ITEMS AS SHOWN OR INDICATED ON DRAWINGS OR WRITTEN IN SPECIFICATIONS.

7. CONTRACTOR SHALL FURNISH ALL MATERIAL, LABOR AND EQUIPMENT TO COMPLETE THE WORK AND FURNISH A COMPLETED JOB IN ACCORDANCE WITH LOCAL AND STATE GOVERNING AUTHORITIES AND OTHER AUTHORITIES HAVING LAWFUL JURISDICTION OVER THE WORK.

8. CONTRACTOR SHALL OBTAIN AT HIS OWN EXPENSE ALL PERMITS AND ALL INSPECTIONS REQUIRED FROM FEDERAL AND STATE GOVERNMENTS, COUNTIES, MUNICIPALITIES AND OTHER REGULATORY AGENCIES WHICH MAY BE REQUIRED FOR THE PROJECT.

10. DETAILS ARE INTENDED TO SHOW END RESULT OF DESIGN. MINOR MODIFICATIONS MAY BE REQUIRED TO SUIT JOB DIMENSIONS OR CONDITIONS, AND SUCH MODIFICATIONS SHALL BE INCLUDED AS PART OF THE WORK.

11. ALL MATERIAL PROVIDED BY *CELLCO PARTNERSHIP d/b/a VERIZON IS TO BE* REVIEWED BY CONTRACTOR AND ALL APPLICABLE SUB-CONTRACTOR PRIOR TO INSTALLATION. ANY DEFICIENCIES TO PROVIDED MATERIALS SHALL BE BROUGHT TO THE CONSTRUCTION MANAGERS ATTENTION IMMEDIATELY.

12. THE MATERIALS INSTALLED IN THE WORK SHALL MEET THE REQUIREMENTS OF THE CONTRACT DOCUMENTS. NO SUBSTITUTIONS ARE ALLOWED.

13. CONTRACTOR IS SOLELY RESPONSIBLE FOR THE MEANS AND METHODS OF CONSTRUCTION, FOR SEQUENCES AND PROCEDURES TO BE USED, AND TO ENSURE THE SAFETY OF THE EXISTING BUILDING AND ITS COMPONENT DURING CONSTRUCTION. THIS INCLUDES THE ADDITION OF WHATEVER SHORING, BRACING, UNDERPINNING, ETC. THAT MAY BE NECESSARY.

14. CONTRACTOR SHALL COORDINATE ALL CIVIL, STRUCTURAL AND ELECTRICAL DRAWINGS FOR THE LOCATION OF ALL OPENINGS, RECESSES, BUILT-IN WORK, ETC.

15. CONTRACTOR SHALL RECEIVE CLARIFICATION IN WRITING AND SHALL RECEIVE IN WRITING AUTHORIZATION TO PROCEED BEFORE STARTING WORK ON ANY ITEMS NOT CLEARLY DEFINED OR IDENTIFIED BY THE CONTRACT DOCUMENTS.

16. CONTRACTOR SHALL NOTIFY THE CONSTRUCTION MANAGER OF ALL PRODUCTS OR ITEMS NOTED AS "EXISTING" WHICH ARE NOT FOUND TO BE IN THE FIELD.

17. ERECTION SHALL BE DONE IN A WORKMANLIKE MANNER BY COMPETENT EXPERIENCED WORKMEN IN ACCORDANCE WITH APPLICABLE CODES AND THE BEST-ACCEPTED PRACTICE. ALL MEMBERS SHALL BE LAID PLUMB AND TRUE AS INDICATED ON THE DRAWINGS.

18. CONTRACTOR SHALL BE RESPONSIBLE FOR THE SAFETY OF THE WORK AREA, ADJACENT AREAS, AND BUILDING OCCUPANTS THAT ARE LIKELY TO BE AFFECTED BY THE WORK UNDER THIS CONTRACT. WORK SHALL CONFORM TO ALL O.S.H.A REQUIREMENTS.

19. CONTRACTOR SHALL COORDINATE HIS WORK AND SCHEDULE HIS ACTIVITIES AND WORKING HOURS IN ACCORDANCE WITH THE REQUIREMENTS OF THE PROPERTY OWNER AND/OR PROPERTY MANAGEMENT COMPANY.

20. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING HIS WORK WITH THE WORK OF OTHERS AS IT MAY RELATE TO RADIO EQUIPMENT, ANTENNAS AND ANY OTHER PORTIONS OF THE WORK.

21. CONTRACTOR SHALL INSTALL ALL EQUIPMENT AND MATERIALS IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS UNLESS SPECIFICALLY INDICATED OR WHERE LOCAL CODES OR REGULATIONS MAY TAKE PRECEDENCE.

22. CONTRACTOR SHALL MAKE NECESSARY PROVISIONS TO PROTECT EXISTING SURFACES, EQUIPMENT, IMPROVEMENTS, PIPING, ANTENNA AND ANTENNA CABLES AND REPAIR ANY DAMAGE THAT OCCURS DURING CONSTRUCTION.

23. CONTRACTOR SHALL REPAIR ALL EXISTING SURFACES DAMAGED DURING CONSTRUCTION SUCH THAT THEY MATCH AND BLEND WITH ADJACENT SURFACES.

24. CONTRACTOR SHALL KEEP CONTRACT AREA CLEAN, HAZARD FREE AND DISPOSE OF ALL DEBRIS AND RUBBISH. EQUIPMENT NOT SPECIFIED AS REMAINING ON THE PROPERTY OF THE OWNER SHALL BE REMOVED. LEAVE PREMISES IN CLEAN CONDITIONS AND FREE FROM PAINT SPOTS, DUST, OR SMUDGES OF ANY NATURE. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ALL ITEMS UNTIL COMPLETION OF CONSTRUCTION.

25. BEFORE FINAL ACCEPTANCE OF THE WORK, CONTRACTOR SHALL REMOVE ALL EQUIPMENT, TEMPORARY WORKS, UNUSED AND USELESS MATERIALS, RUBBISH AND TEMPORARY STRUCTURES.

verizon

WIRELESS COMMUNICATIONS FACILITY

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STRATFORD CT

SITE ADDRESS:
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623-627 HONEYSPOT RD.
STRATFORD, CT 06615

SHEET TITLE:
GENERAL CONSTRUCTION NOTES

SHEET NUMBER:
DE-5

C-band 64T64R MMU

SAMSUNG

* Preliminary Design

Specifications are subject to change.

Air Technology	NR
Frequency	3700 – 3980 MHz
IBW	280 MHz
OBW	200 MHz
Carrier Bandwidth	20/40/60/80/100 MHz
# of Carriers	2 carriers
Layer	DL : 16L, UL : 16RX (8L)
RF Chain	64T64R
Antenna Configuration	4V16H with 192 AE
EIRP	78.5 dBm (53 dBm + 25.5 dBi)
Conductive Power	200W
Spectrum Analyzer	TX/RX support
RX Sensitivity	Typical -97.8dBm @(1Rx, 18.36MHz with 30kHz,51RBs)
EIS Sensitivity	Typical -125.9dBm @(16Rx, BLER 5%, excluding polarization loss, 18.36MHz wit h 30kHz, 51RBs)
Modulation	DL 256QAM support, (DL 1024QAM with 1~2dB power back-off)
Function Split	DL/UL option 7-2x
Input Power	-48 VDC (-38 VDC to -57 VDC)
Power Consumption	1,395 W @ 100% RF load, room temperature 1,428 W @ 100% RF load, all temperature 1,003 W @ 40% RF load, room temperature
Size (WHD)	408 x 892 x 140 mm (16.06 x 35.12 x 5.51 inch)
Volume	50.95L
Weight	39.5kg (87.1 lb)
Operating Temperature	-40℃ - 55℃ (w/o solar load)
Cooling	Natural convection
Unwanted Emission	3GPP 38.104
	FCC 47 CFR 27.53 : < -13dBm/MHz
	< -40 dBm/MHz @ above 4 GHz
Optic Interface	15km, 4 ports (25Gbps x 4), SFP28, single mode, Bi-di (Option: Duplex)
Mounting Options	Pole, wall
NB-IoT	Not support
External Alarm	4RX
Fronthaul Interface	eCPRI

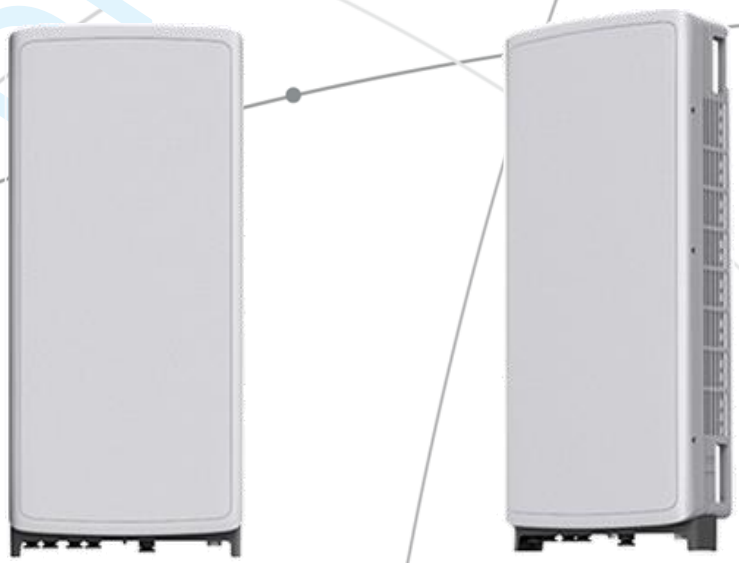
SAMSUNG

SAMSUNG C-Band 64T64R Massive MIMO

C-Band 64T64R Massive MIMO Radio for High Capacity and Wide Coverage

Samsung C-Band 64T64R Massive MIMO Radio enables mobile operators to increase coverage range, boost data speeds and ultimately offer enriched 5G experiences to users in the U.S..

Model Code : MT6407-77A

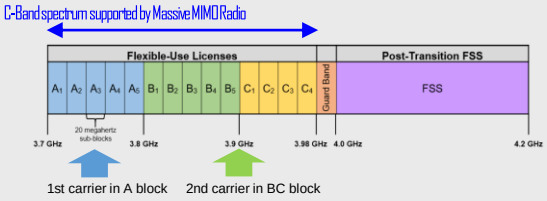


Points of Differentiation

Wide Bandwidth

Being able to support up to 2 CC carrier configuration, Samsung C-Band massive MIMO Radio supports 200 MHz bandwidth in the C-Band spectrum.

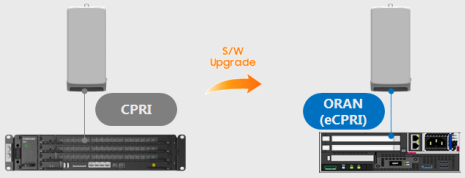
Samsung C-Band massive MIMO Radio uses C-Band 280 MHz spectrum at the same time, so it can cover all the bands the operator can be auctioned.



Future Proof Product

Samsung C-Band Massive MIMO radio supports eCPRI interface, thus, it can be used as O-RAN Massive MIMO Radio in the future. To provide O-RAN service, operators only need to update software since the hardware is already ready.

With the support of O-RAN, operators can reduce OPEX/CAPEX by increasing compatibility between equipment and get opportunity to design and develop their network with best –in-class solution that interoperate.



Enhanced Performance

C-Band massive MIMO Radio creates sharp beams and extends networks' coverage on the critical mid-band spectrum using a large number of antenna elements and high output power to boost data speeds.

This helps operators reduce their CAPEX as they now need less products to cover the same area than before.

Furthermore, as C-Band massive MIMO Radio supports MU-MIMO(Multi-user MIMO) , it enables increased user throughput by minimizing interference.

Well Matched Design

Samsung's C-Band Massive MIMO radio utilizes 64 antennas, supports up to 280MHz bandwidth, and delivers a 200W output power. despite the above advanced performance, the Radio has a compact size of 48L and 87.1lbs. This makes it easy to install the Radio.

It is designed to look solid and small, and in particular, the design with wrap around has a thinly looking effect so that it can be harmonized with the surrounding environment when installed.

Technical Specifications

Item	Specification
Tech	NR
Brand	n77
Frequency Band	3700 - 3980 MHz
EIRP	78.5dBm (53.0 dBm+25.5 dBi)
IBW/OBW	280 MHz / 200 MHz
Installation	Pole/Wall
Size/ Weight	16.06 x 35.12 x 5.51 inch (50.95L)/ 87.1lbs

SAMSUNG

About Samsung Electronics Co., Ltd.

Samsung inspires the world and shapes the future with transformative ideas and technologies. The company is redefining the worlds of TVs, smartphones, wearable devices, tablets, digital appliances, network systems, and memory, system LSI, foundry and LED solutions.

129 Samsung-ro, Yeongtong-gu, Suwon-si Gyeonggi-do, Korea

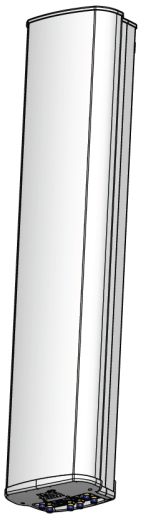
MX06FRO660-03

NWAV™ X-Pol Hex-Port Antenna

X-Pol Hex-Port 6 ft 60° Fast Roll Off antenna with independent tilt on 700 & 850 MHz:

2 ports 698-798, 824-894 MHz and 4 ports 1695-2180 MHz

- Fast Roll Off (FRO™) azimuth beam pattern improves Intra- and Inter-cell SINR
- Compatible with dual band 700/850 MHz radios with independent low band EDT without external diplexers
- Fully integrated (iRETs) with independent RET control for low and high bands for ease of network optimization
- SON-Ready array spacing supports beamforming capabilities
- Suitable for LTE/CDMA/PCS/UMTS/GSM air interface technologies
- Integrated Smart Bias-Ts reduce leasing costs

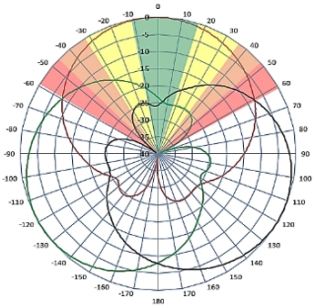


nwav

Fast Roll-Off antennas increase data throughput without compromising coverage

The horizontal beam produced by Fast Roll-Off (FRO) technology increases the Signal to Interference & Noise Ratio (SINR) by eliminating overlap between sectors .

Non-FRO antenna



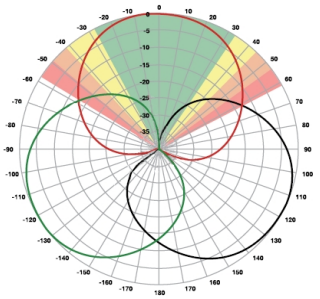
Large traditional antenna pattern overlap creates harmful interference.

JMA's FRO antenna pattern minimizes overlap, thereby minimizing interference.

LTE throughput	SINR	Speed (bps/Hz)	Speed increase	CQI
Excellent	>18	>4.5	333+%	8-10
Good	15-18	3.3-4.5	277%	6-7
Fair	10-15	2-3.3	160%	4-6
Poor	<10	<2	0%	1-3

The LTE radio automatically selects the best throughput based on measured SINR.

JMA FRO antenna



Electrical specification (minimum/maximum)	Ports 1, 2		Ports 3, 4, 5, 6		
Frequency bands, MHz	698-798	824-894	1695-1880	1850-1990	1920-2180
Polarization	± 45°		± 45°		
Average gain over all tilts, dBi	14.4	14.0	17.6	18.0	18.2
Horizontal beamwidth (HBW), degrees	60.5	53.0	55.0	55.0	55.5
Front-to-back ratio, co-polar power @180°± 30°, dB	>24	>24.0	>25.0	>25.0	>25.0
X-Pol discrimination (CPR) at boresight, dB	>15.0	>14.2	>18	>18	>15
Sector power ratio, percent	<3.5	<3.0	<3.7	<3.8	<3.6
Vertical beamwidth (VBW), degrees[1]	13.1	11.8	6.0	5.5	5.5
Electrical downtilt (EDT) range, degrees	2-14	2-14	0-9		
First upper side lobe (USLS) suppression, dB[1]	≤-15.0	≤-16.5	≤-16.0	≤-16.0	≤-16.0
Cross-polar isolation, port-to-port, dB[1]	25	25	25	25	25
Max VSWR / return loss, dB	1.5:1 / -14.0		1.5:1 / -14.0		
Max passive intermodulation (PIM), 2x20W carrier, dBc	-153		-153		
Max input power per any port, watts	300		250		
Total composite power all ports, watts	1500				

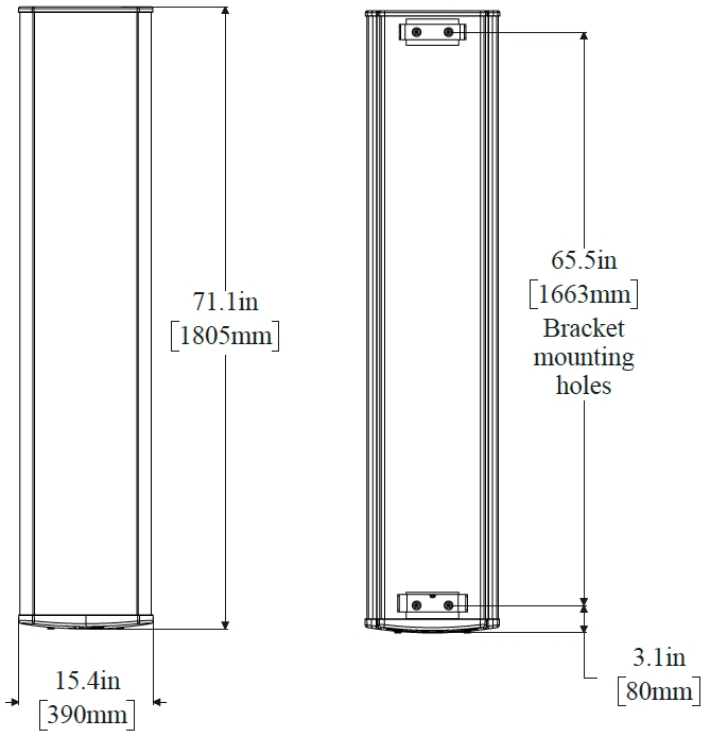
[1] Typical value over frequency and tilt

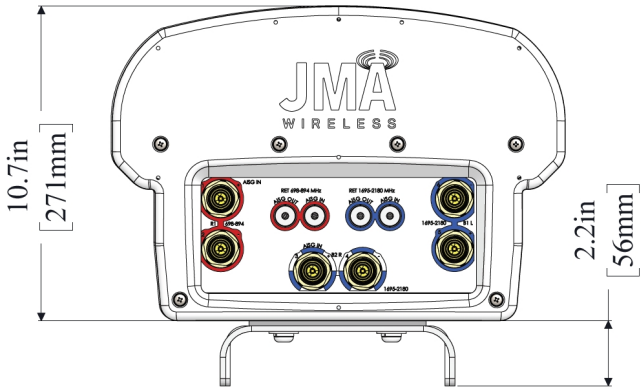
MX06FRO660-03

NWAV™ X-Pol Hex-Port Antenna

Mechanical specifications	
Dimensions height/width/depth, inches (mm)	71.3/ 15.4/ 10.7 (1811/ 392/ 273)
Shipping dimensions length/width/height, inches (mm)	82/ 20/ 15 (2083/ 508/ 381)
No. of RF input ports, connector type, and location	6 x 4.3-10 female, bottom
RF connector torque	96 lbf·in (10.85 N·m or 8 lbf·ft)
Net antenna weight, lb (kg)	60 (27.0)
Shipping weight, lb (kg)	90 (41.0)
Antenna mounting and downtilt kit included with antenna	91900318
Net weight of the mounting and downtilt kit, lb (kg)	18 (8.18)
Range of mechanical up/down tilt	-2° to 14°
Rated wind survival speed, mph (km/h)	150 (241)
Frontal, lateral, and rear wind loading @ 150 km/h, lbf (N)	154 (685), 73 (325), 158 (703)
Equivalent flat plate @ 100 mph and Cd=2, sq ft	2.6

Front view | **Back view** | **Bottom view**





Ordering information	
Antenna model	**Description**
MX06FRO660-03	6F X-Pol HEX FRO 60° independent tilt 700/850 RET, 4.3-10 & SBT
Optional accessories	
AISG cables	M/F cables for AISG connections
PCU-1000 RET controller	Stand-alone controller for RET control and configurations

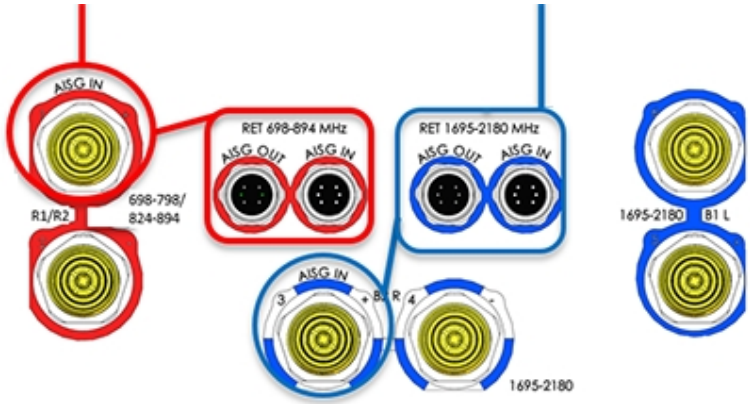
Remote electrical tilt (RET 1000) information	
RET location	Integrated into antenna
RET interface connector type	8-pin AISG connector per IEC 60130-9
RET connector torque	Min 0.5 N·m to max 1.0 N·m (hand pressure & finger tight)
RET interface connector quantity	2 pairs of AISG male/female connectors
RET interface connector location	Bottom of the antenna
Total no. of internal RETs (low bands)	2
Total no. of internal RETs (high bands)	1
RET input operating voltage, vdc	10-30
RET max power consumption, idle state, W	≤ 2.0
RET max power consumption, normal operating conditions, W	≤ 13.0
RET communication protocol	AISG 2.0 / 3GPP

RET and RF connector topology

Each RET device can be controlled either via the designated external AISG connector or RF port as shown below:

RET device	Band	RF port
R1	698-798	1-2
R2	824-894	1-2

RET device	Band	RF port
B1/B2	1695-2180	3-6

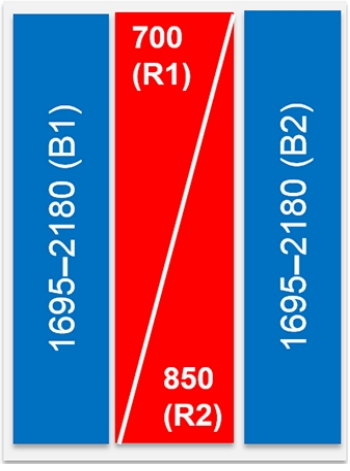


Array topology

3 sets of radiating arrays

R1/R2: 698-894 MHz
B1: 1695-2180 MHz
B2: 1695-2180 MHz

Band	RF port
1695-2180	3-4
698-894	1-2
1695-2180	5-6



SAMSUNG

Dual-Band Radio Unit
700/850MHz (B13/B5)
RFV01U-D2A

Samsung's RFV01U-D2A is a compact remote Radio Unit (RU) designed for deployments that require flexibility in installation and rapid onlining, without compromising on coverage, capacity or operational expenses.

The RFV01U-D2A RU targets dual-band support across Band 13 (700MHz) and Band 5 (850MHz), making it an ideal product for broad coverage footprints across multiple common low-end, long-range frequencies.

The RU handles all Radio Frequency (RF) processing in a single, compact unit, and is designed to interface via CPRI with Samsung's CDU baseband offerings, in both distributed- and central-RAN configurations.

In addition to its minimal footprint and ease of installation, the RU is also designed to reduce cost of ownership through its integrated spectrum analyzer, which allows for remote RF monitoring, greatly reducing the need for on-site maintenance visits.

Features and Benefits

- Dual-band support for broad frequency coverage
- Minimal footprint reduces site costs
- Rapid, easy installation
- Flexibly deployable in any location
- Remote RF monitoring capability
- Convection cooled, silent operation

Key Technical Specifications

Duplex Type: FDD
Operating Frequencies:
B13: DL(746-756MHz)/UL(777-787MHz)
B5: DL(869-894MHz)/UL(824-849MHz)
Instantaneous Bandwidth: 10MHz(B13) + 25MHz(B5)
RF Chain: 4T4R/2T4R/2T2R
Output Power: Total 320W
DU-RU Interface: CPRI (10Gbps)
Dimensions: 380 x 380 x 207mm (29.9L)
Weight: 31.9kg
Input Power: -48V DC
Operating Temp.: -40 - 55°(w/o solar load)
Cooling: Natural convection

SAMSUNG

Dual-Band Radio Unit
AWS/PCS (B66/B2)
RFV01U-D1A

Samsung's RFV01U-D1A is a compact remote Radio Unit (RU) designed for deployments that require flexibility in installation and rapid onlining, without compromising on coverage, capacity or operational expenses.

The RFV01U-D1A RU targets dual-band support across Band 66 (AWS) and Band 2 (PCS), making it an ideal product for broad coverage footprints across multiple common mid-range frequencies.

The RU handles all Radio Frequency (RF) processing in a single, compact unit, and is designed to interface via CPRI with Samsung's CDU baseband offerings, in both distributed- and central-RAN configurations.

In addition to its minimal footprint and ease of installation, the RU is also designed to reduce cost of ownership through its integrated spectrum analyzer, which allows for remote RF monitoring, greatly reducing the need for on-site maintenance visits.

Features and Benefits

- Dual-band support for broad frequency coverage
- Minimal footprint reduces site costs
- Rapid, easy installation
- Flexibly deployable in any location
- Remote RF monitoring capability
- Convection cooled, silent operation
- Built-in Broadcast Auxiliary Services (BAS) filter ensures compliant AWS operation without impacting footprint

Key Technical Specifications

Duplex Type: FDD
Operating Frequencies:
    B66: DL(2,110-2,180MHz)/UL(1,710-1,780MHz)
    B2: DL(1,930-1,990MHz)/UL(1,850-1,910MHz)
Instantaneous Bandwidth:
    70MHz(B66) + 60MHz(B2)
RF Chain: 4T4R/2T4R/2T2R
Output Power: Total 320W
DU-RU Interface: CPRI (10Gbps)
Dimensions: 380 x 380 x 255mm (36.8L)
Weight: 38.3kg
Input Power: -48V DC
Operating Temp.: -40 - 55°(w/o solar load)
Cooling: Natural convection

Attachment 3

	General	Power	Density					
Site Name: Stratford								
Tower Height: Verizon @ 82ft								
CARRIER	**# OF CHAN.**	**WATTS ERP**	**HEIGHT**	**CALC. POWER DENS**	**FREQ.**	**MAX. PERMISS. EXP.**	**FRACTION MPE**	**Total**
AT&T-UMTS	2	414	90	850	0.0422	0.5667	0.74%	
AT&T-UMTS	2	656	90	1900	0.0669	1.0000	0.67%	
AT&T-UMTS	2	865	90	700	0.0882	0.4667	1.89%	
AT&T-UMTS	2	736	90	700	0.0750	0.4667	1.61%	
AT&T-PCS-UMTS	2	885	90	850	0.0902	0.5667	1.59%	
AT&T-LTE	4	1181	90	2100	0.2408	1.0000	2.41%	
AT&T-GSM	2	553	90	850	0.0564	0.5667	0.99%	
AT&T-PCS-LTE	2	487	90	700	0.0496	0.4667	1.06%	
AT&T-WCS-LTE	4	917	90	2300	0.1869	1.0000	1.87%	
AT&T-WCS-LTE	4	971	90	1900	0.1980	1.0000	1.98%	
Clearwire	2	153	72	2496	0.0253	1.0000	0.25%	
Clearwire	1	211	72	11 GHz	0.0174	1.0000	0.17%	
Sprint	4	69	72	1900	0.0229	1.0000	0.23%	
Sprint	1	39	72	850	0.0032	0.5667	0.06%	
Sprint	2	69	72	2500	0.0114	1.0000	0.11%	
Nextel	9	100	58	851	0.1197	0.5673	2.11%	
MetroPCS	7	735	104.5	2310	0.1907	1.0000	1.91%	
Com-tronics							4.26%	

Attachment 4

Maser Consulting Connecticut
2000 Midlantic Drive, Suite 100
Mt. Laurel, NJ 08054
856.797.0412
GDulnik@maserconsulting.com

Antenna Mount Analysis Report and PMI Requirements

Mount Analysis

SMART Tool Project #: 10017693
Maser Consulting Connecticut Project #: 20777264A

February 10, 2021

Site Information	*Site ID:*	*469274-VZW / Stratford CT*
	Site Name:	*Stratford CT*
	Carrier Name:	*Verizon Wireless*
	Address:	*627 Honeyspot Rd.* *Stratford, Connecticut 06497* *Fairfield County*
	Latitude:	*41.176886°*
	Longitude:	*-73.146160°*
Structure Information	*Tower Type:*	*110-Ft Monopole*
	Mount Type:	*10.50-Ft Platform*

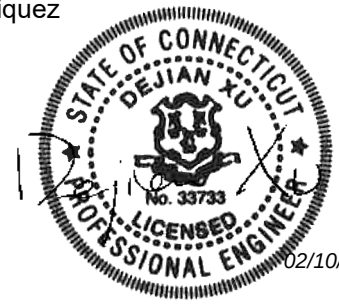
FUZE ID # 16092591

Analysis Results

Platform: **79.8% Pass**

******Contractor PMI Requirements*:**
Included at the end of this MA report
Available & Submitted via portal at https://pmi.vzwsmart.com
Contractor - Please Review Specific Site PMI Requirements Upon Award
Requirements also Noted on Mount Modification Drawings
Requirements may also be Noted on A & E drawings

Report Prepared By: Abigail Enriquez



02/10/2021

Executive Summary:

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

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

Sources of Information:

Document Type	Remarks
Radio Frequency Data Sheet (RFDS)	*Verizon RFDS Site ID: 324936, dated December 21, 2020*
Mount Mapping Report	*Tower Engineering Professionals Site ID: 469274, dated October 28, 2020*
Construction Drawings	*On Air Engineering, LLC. Site Name: Stratford CT, dated December 8, 2020*

Analysis Criteria:

Codes and Standards:	ANSI/TIA-222-H	
Wind Parameters:	Basic Wind Speed (Ultimate 3-sec. Gust), V_{ULT}:	119 mph
	Ice Wind Speed (3-sec. Gust):	50 mph
	Design Ice Thickness:	1.00 in
	Risk Category:	II
	Exposure Category:	C
	Topographic Category:	1
	Topographic Feature Considered:	N/A
	Topographic Method:	N/A
	Ground Elevation Factor, K_e:	0.999
Seismic Parameters:	S_S:	0.207
	S_1:	0.054
Maintenance Parameters:	Wind Speed (3-sec. Gust):	30 mph
	Maintenance Live Load, Lv:	250 lbs.
	Maintenance Live Load, Lm:	500 lbs.
Analysis Software:	RISA-3D (V17)	

Final Loading Configuration:

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

Mount Elevation (ft)	Equipment Elevation (ft)	Quantity	Manufacturer	Model	Status
81.00	82.00	6	JMA Wireless	MX06FRO660-03	Added
		3	-	VZS01	
		3	Samsung	B2/B66A RRH-BR049	
		3	Samsung	B5/B13 RRH-BR04C	
		2	RFS	DB-B1-6C-12AB-0Z*	
		3	Amphenol Antel	BXA-70063-6CF	Retained

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

Standard Conditions:

1. All engineering services are performed on the basis that the information provided to Maser Consulting Connecticut 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 Maser Consulting Connecticut 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 by Maser Consulting Connecticut, 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. Maser Consulting Connecticut 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 Maser Consulting Connecticut.

Analysis Results:

Component	Utilization %	Pass/Fail
Mount Pipe	*26.4%*	*Pass*
Ladder Rungs	*2.4%*	*Pass*
Ladder	*8.4%*	*Pass*
Crossmember	*45.3%*	*Pass*
Corner HHS	*10.5%*	*Pass*
Face Bracing	*50.7%*	*Pass*
Stand Off horizontal	*20.8%*	*Pass*
Corner Plate	*3.7%*	*Pass*
Support Rail	*34.0%*	*Pass*
Face Horizontal	*41.4%*	*Pass*
Mount Connection	*79.8%*	*Pass*

Structure Rating – *(Controlling Utilization of all Components)*	**79.8%**

Recommendation:

The existing mount is **SUFFICIENT** for the final loading configuration and do not require modifications.

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

Attachments:

1. Mount Photos
2. Mount Mapping Report (for reference only)
3. Analysis Calculations
4. **Contractor Required Post Installation Inspection (PMI) Report Deliverables**
5. Antenna Placement Diagrams
6. TIA Adoption and Wind Speed Usage Letter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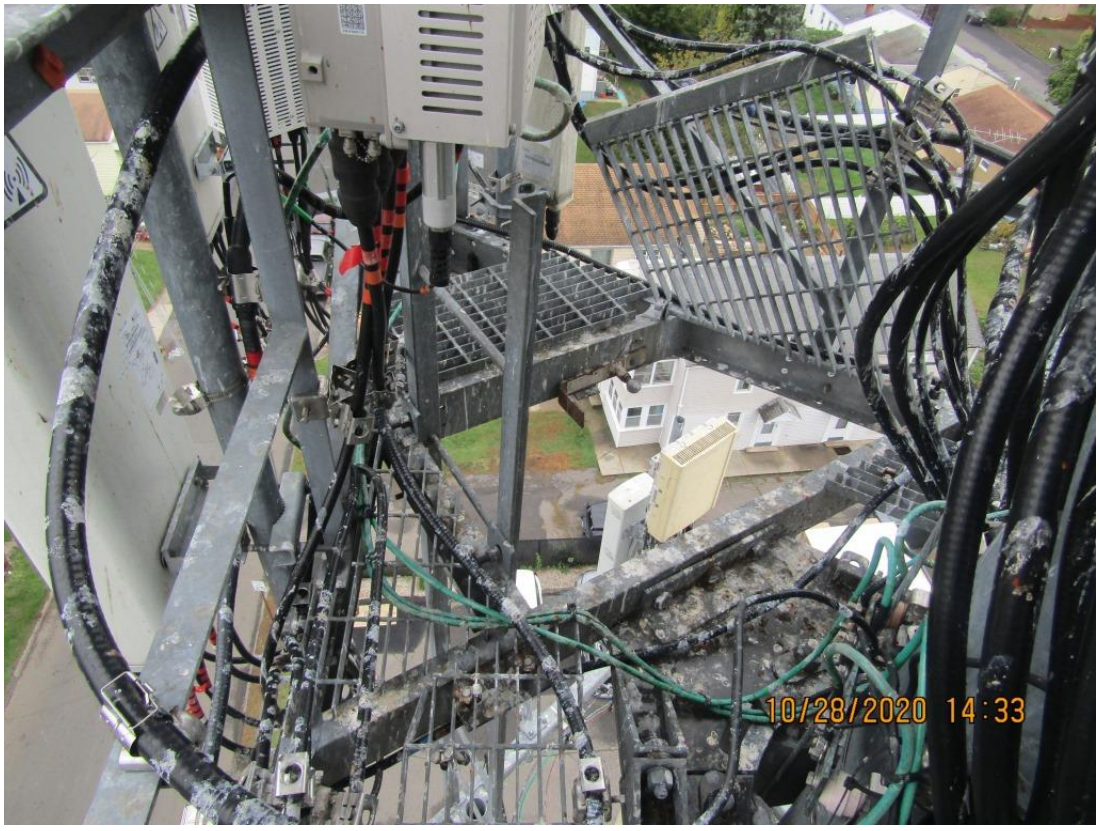
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V3.0 Updated on 8-31-2020

Antenna Mount Mapping Form (PATENT PENDING)

FCC # 1209131

Tower Owner:	Unknown	**Mapping Date:**	10/28/2020
Site Name:	Stratford CT	**Tower Type:**	Monopole
Site Number or ID:	469274	**Tower Height (Ft.):**	110
Mapping Contractor:	TEP	**Mount Elevation (Ft.):**	81

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

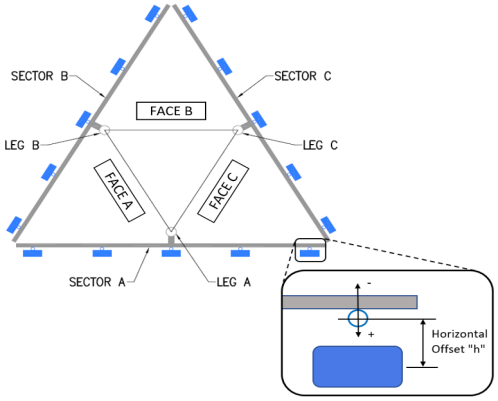
Mount Pipe Configuration and Geometries [Unit = Inches]

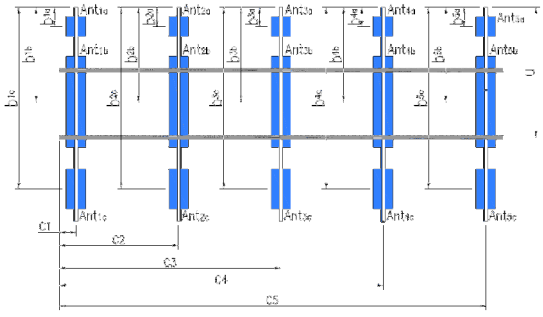
Sector / Position	Mount Pipe Size & Length	Vertical Offset Dimension "u"	Horizontal Offset "C1, C2, C3, etc."	Sector / Position	Mount Pipe Size & Length	Vertical Offset Dimension "u"	Horizontal Offset "C1, C2, C3, etc."
A1	2.4x0.154x80	60.00	0.00	C1	2.4x0.154x80	60.00	0.00
A2	2.4x0.154x80	58.00	5.00	C2	2.4x0.154x80	58.00	5.00
A3	2.4x0.154x80	58.00	76.00	C3	2.4x0.154x80	58.00	76.00
A4	2.4x0.154x80	60.00	120.00	C4	2.4x0.154x80	60.00	120.00
A5				C5			
A6				C6			
B1	2.4x0.154x80	60.00	0.00	D1			
B2	2.4x0.154x80	58.00	5.00	D2			
B3	2.4x0.154x80	58.00	76.00	D3			
B4	2.4x0.154x80	60.00	120.00	D4			
B5				D5			
B6				D6			

Distance between bottom rail and mount CL elevation (dim d). Unit is inches. See 'Mount Elev Ref' tab for details. :	16.50
Distance from top of bottom support rail to lowest tip of ant./eqpt. of Carrier above. (N/A if > 10 ft.) :	
Distance from top of bottom support rail to highest tip of ant./eqpt. of Carrier below. (N/A if > 10 ft.) :	

Please enter additional infomation or comments below.

Tower Face Width at Mount Elev. (ft.):		Tower Leg Size or Pole Shaft Diameter at Mount Elev. (in.):	15.75



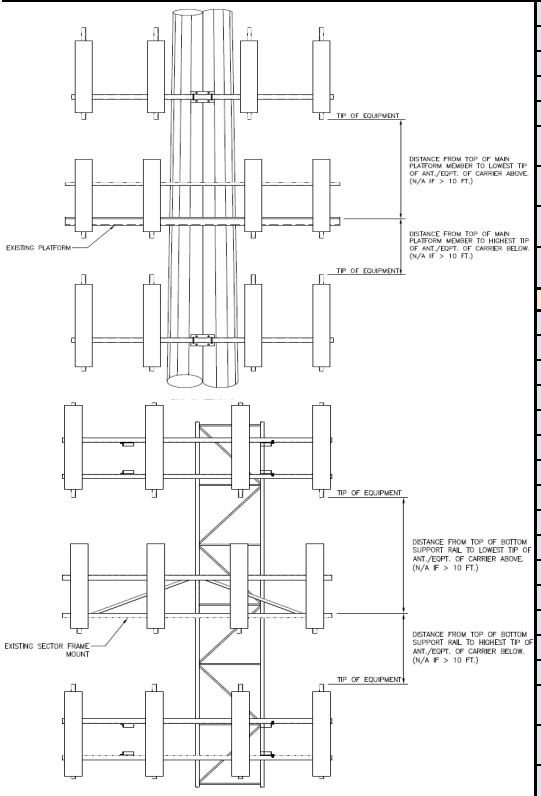


Antenna Layout (Looking Out From Tower)

Ants. Items	Enter antenna model. If not labeled, enter "Unknown". Antenna Models if Known	Width (in.)	Depth (in.)	Height (in.)	Coax Size and Qty	Antenna Center-line (Ft.)	Mounting Locations [Units are inches and degrees] Vertical Distances"b_{1a}, b_{2a}, b_{3a}, b_{1b}...." (Inches)	Horiz. Offset "h" (Use "-" if Ant. is behind)	Antenna Azimuth (Degrees)	Photos of antennas Photo Numbers
Sector A										
Ant_{1a}										
Ant_{1b}	BXA-70063-6CF-EDIN-	11.30	6.00	71.00		81.7917	34.00	7.00	30.00	23
Ant_{1c}										
Ant_{2a}	B25 RRH 4x30	12.00	8.00	24.00		83.5417	11.00	-6.00		27
Ant_{2b}	MGD3-800T0	6.30	3.54	52.75		82.2083	27.00	6.00	30.00	25
Ant_{2c}										
Ant_{3a}	B13 RRH 4x30	12.00	8.00	24.00		81.9583	30.00	-7.00		31
Ant_{3b}	SBNHH-1D65B	11.85	7.09	72.87		81.9583	30.00	9.00	30.00	29
Ant_{3c}										
Ant_{4a}	B66a RRH 4X45	12.00	8.00	28.00		80.5417	49.00	-6.00		35
Ant_{4b}	SBNHH-1D65B	11.85	7.09	72.87		82.5417	25.00	7.00	30.00	33
Ant_{4c}										
Ant_{5a}										
Ant_{5b}										
Ant_{5c}										
Ant on Standoff										
Ant on Standoff										
Ant on Tower										
Ant on Tower										

Mount Azimuth (Degree) for Each Sector				Tower Leg Azimuth (Degree) for Each Sector	
Sector A:	30.00	Deg	Leg A:		Deg
Sector B:	150.00	Deg	Leg B:		Deg
Sector C:	270.00	Deg	Leg C:		Deg
Sector D:		Deg	Leg D:		Deg

Climbing Facility Information		
Location:	80.00 Deg	N/A
Climbing Facility	Corrosion Type:	Good condition.
	Access:	Climbing path was unobstructed.
	Condition:	Good condition.



Sector B										
Ant_{1a}										
Ant_{1b}	BXA-70063-6CF-EDIN-	11.30	6.00	71.00		81.7917	34.00	7.00	150.00	37
Ant_{1c}										
Ant_{2a}	B25 RRH 4x30	12.00	8.00	24.00		83.5417	11.00	-6.00		41
Ant_{2b}	MGD3-800T0	6.30	3.54	52.75		82.2083	27.00	6.00	150.00	39
Ant_{2c}										
Ant_{3a}	B13 RRH 4x30	12.00	8.00	24.00		81.9583	30.00	-7.00		45
Ant_{3b}	SBNHH-1D65B	11.85	7.09	72.87		81.9583	30.00	9.00	150.00	43
Ant_{3c}										
Ant_{4a}	B66a RRH 4X45	12.00	8.00	28.00		80.5417	49.00	-6.00		50
Ant_{4b}	SBNHH-1D65B	11.85	7.09	72.87		82.5417	25.00	7.00	150.00	47
Ant_{4c}										
Ant_{5a}										
Ant_{5b}										
Ant_{5c}										
Ant on Standoff										
Ant on Standoff										
Ant on Tower										
Ant on Tower										
Sector C										
Ant_{1a}										
Ant_{1b}	BXA-70063-6CF-EDIN-	11.30	6.00	71.00		81.7917	34.00	7.00	270.00	53
Ant_{1c}										
Ant_{2a}	B25 RRH 4x30	12.00	8.00	24.00		83.5417	11.00	-6.00		57
Ant_{2b}	MGD3-800T0	6.30	3.54	52.75		82.2083	27.00	6.00	270.00	55
Ant_{2c}										
Ant_{3a}	B13 RRH 4x30	12.00	8.00	24.00		81.9583	30.00	-7.00		65
Ant_{3b}	SBNHH-1D65B	11.85	7.09	72.87		81.9583	30.00	9.00	270.00	63
Ant_{3c}										
Ant_{4a}	B66a RRH 4X45	12.00	8.00	28.00		80.5417	49.00	-6.00		70
Ant_{4b}	SBNHH-1D65B	11.85	7.09	72.87		82.5417	25.00	7.00	270.00	67
Ant_{4c}										
Ant_{5a}										
Ant_{5b}										
Ant_{5c}										
Ant on Standoff										
Ant on Standoff										
Ant on Tower										
Ant on Tower										
Sector D										
Ant_{1a}										
Ant_{1b}										
Ant_{1c}										
Ant_{2a}										
Ant_{2b}										
Ant_{2c}										
Ant_{3a}										
Ant_{3b}										
Ant_{3c}										
Ant_{4a}										
Ant_{4b}										
Ant_{4c}										
Ant_{5a}										
Ant_{5b}										
Ant_{5c}										
Ant on Standoff										
Ant on Standoff										
Ant on Tower										
Ant on Tower										

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

1		
2		
3		
4		
5		
6		
7		
8		

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

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

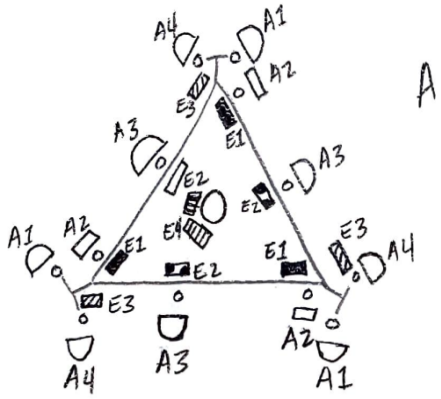
V3.0 Updated on 8-31-2020

Antenna Mount Mapping Form (PATENT PENDING)

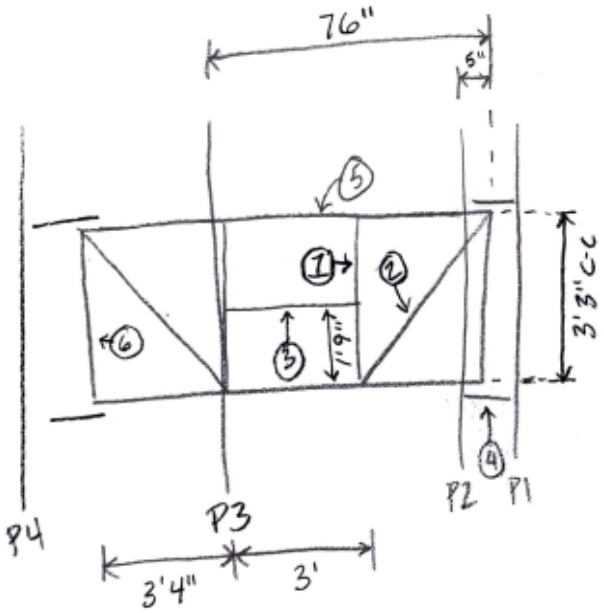
FCC # 1209131

Tower Owner:	Unknown	**Mapping Date:**	10/28/2020
Site Name:	Stratford CT	**Tower Type:**	Monopole
Site Number or ID:	469274	**Tower Height (Ft.):**	110
Mapping Contractor:	TEP	**Mount Elevation (Ft.):**	81

Please Insert Sketches of the Antenna Mount



A1 - Amphenol BXA-70063-6CF-EDIN-2
A2 - Rymsa MGD3-800TO
E1 - AL B25 RRH 4x30
A3 - Commscope SBNHH-1D65B
E2 - AL B13 RRH 4x30
A4 - Commscope SBNHH-1D65B
E3 - AL B66A RRH 4x45
E4 - Raycap RRFDC-3315-PF-48

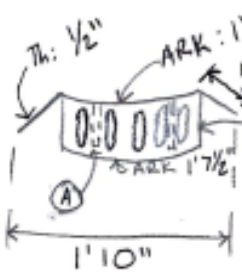


1 - L 1¾"x1¾"x¼" w/PL 2"x7"x⅜" (2)½"ØB 4"C-C 1½"ME
2 - L 1¾"x1¾"x¼"
3 - "
4 - C 6"x2"x5/16"x2'4" (4)½"ØB 3½"C-C 1½"ME (2) shared with corner PL
5 - L 3"x3"x⅜"x10'
6 - Same as #1

Please Insert Sketches of the Antenna Mount, cont'd

Collar

1 -



(5) slots 1¼"ϕ
3¼" c-c
5½" Long

Bolts: (8) 1"ϕ (2) sets (2) (1) set (4) 8¼" c-c
TR: (2) 1"ϕ 5" c-c 1¾" ME
A: PL STIFF 5" x 5" x ⅜" 9¾" c-c

2 - PL SS = 1'4" LS = 2'5" TH: 1"
L to #3 3" x 3" x 12" x ⅜"
(3) ¾"ϕB 4½" c-c 1½" ME

VERT PL: 4" x 3" x ⅜" (2) ¾"ϕB 2¼" c-c ¾" ME
stiff PL ⅜" x 4" T x 5¾" (2) 3" c-c

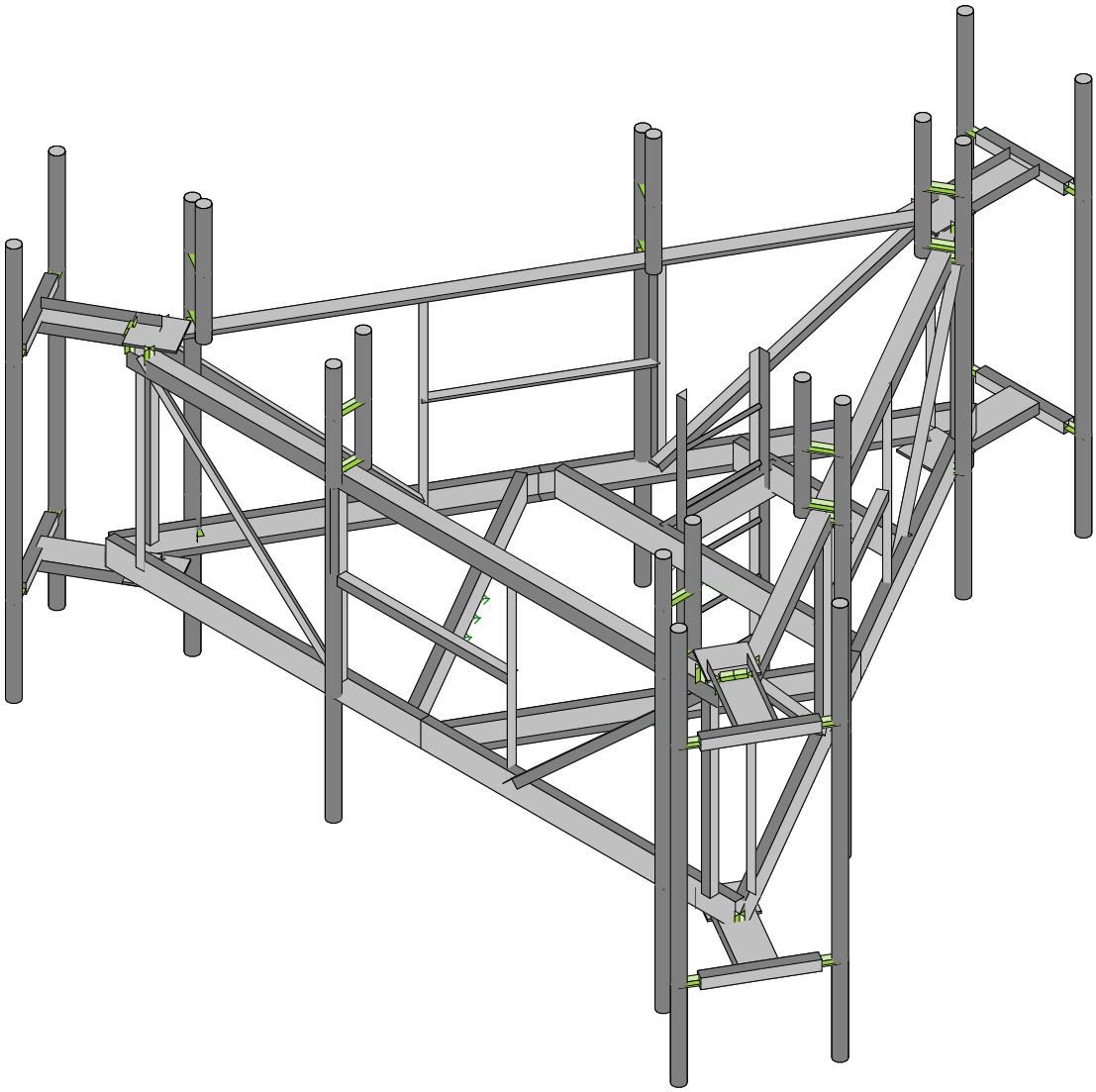
3 - C 5" x 2" x 4' 7" x 5/16"

4 - C 5" x 2" x 5/16" x 10'6"

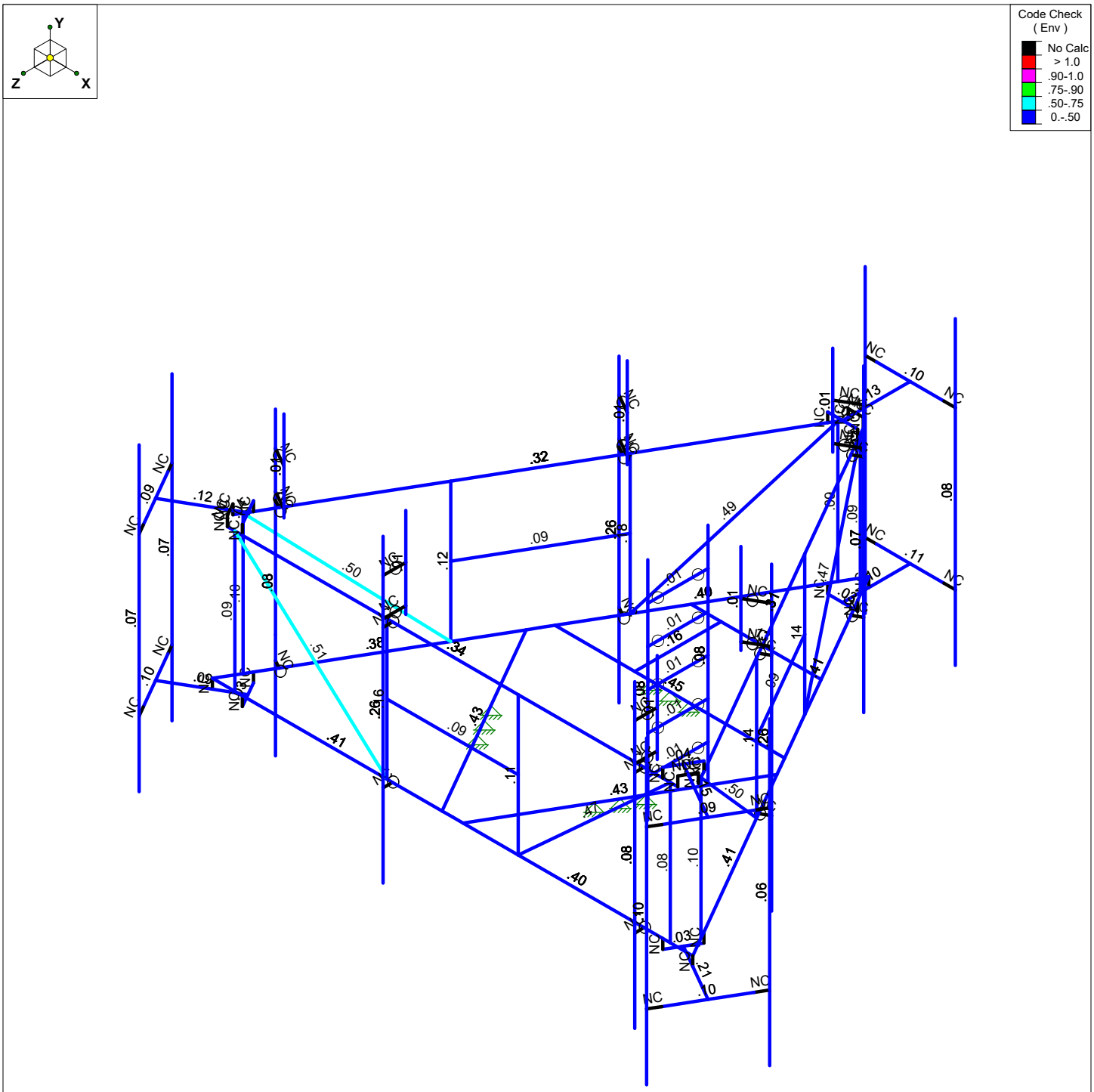
5 - PL Δ Bottom 1'4" x 11" side x ⅜" (2) sets (3) ½"ϕB 4" c-c 1½" ME

6 - HSS 2" x 2" x 1' 5½" x 3'8" vert c-c

7 - PL 6" x 6" x ⅜" (2) ½"ϕB 4" c-c 1" ME

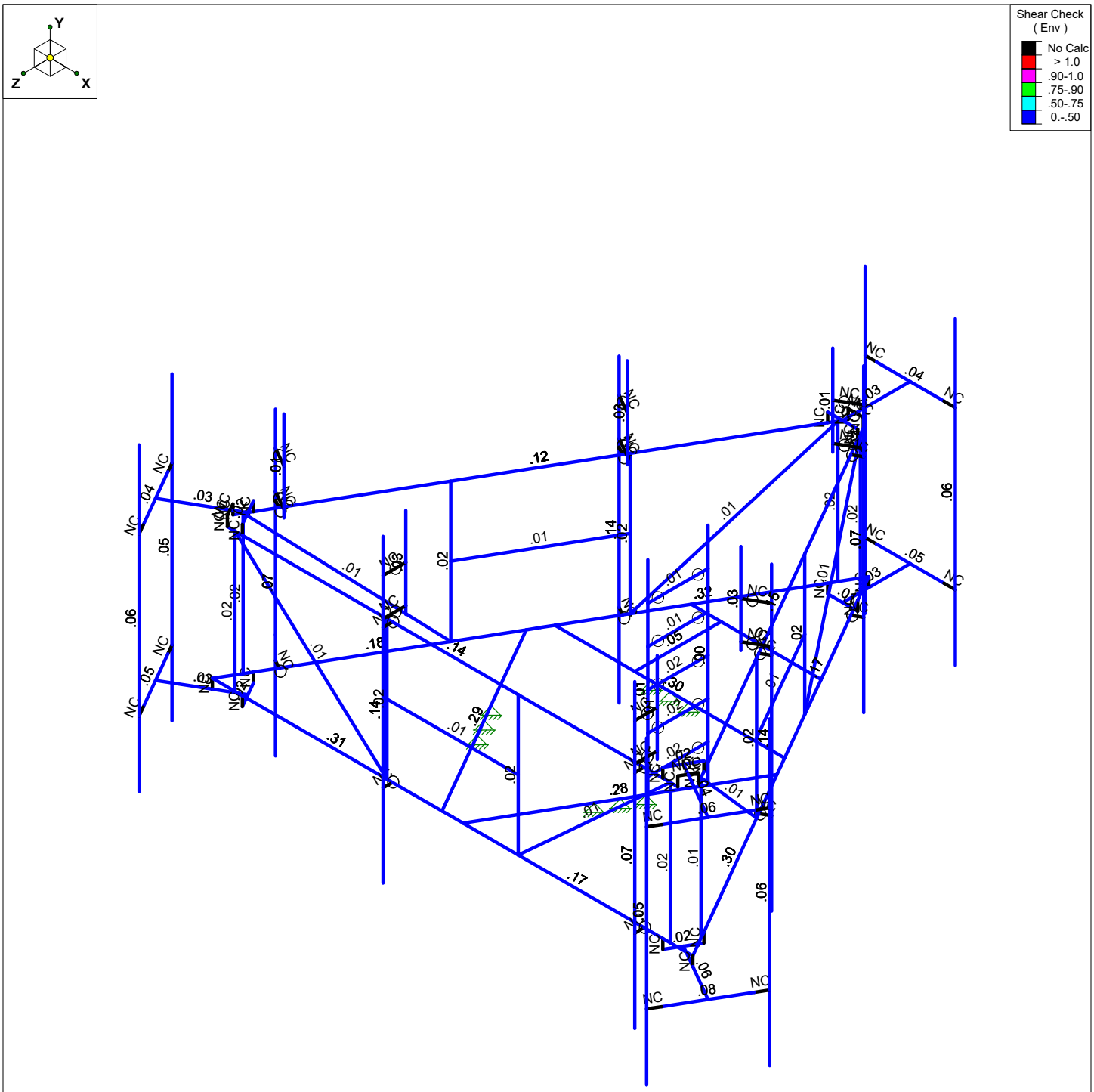


Maser Consulting	Antenna Mount Analysis	SK - 3
AE		Feb 10, 2021 at 10:18 AM
20777264A		FINAL_LOADED_469274-VZW_M...



Member Code Checks Displayed (Enveloped)
Envelope Only Solution

Maser Consulting	Antenna Mount Analysis	SK - 6
AE		Feb 10, 2021 at 10:20 AM
20777264A		FINAL_LOADED_469274-VZW_M...



Member Shear Checks Displayed (Enveloped)
Envelope Only Solution

Maser Consulting	Antenna Mount Analysis	SK - 7
AE		Feb 10, 2021 at 10:20 AM
20777264A		FINAL_LOADED_469274-VZW_M...

Basic Load Cases

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed	Area(Me...	Surface(P...
1	Antenna D	None					90			
2	Antenna Di	None					90			
3	Antenna Wo (0 Deg)	None					90			
4	Antenna Wo (30 Deg)	None					90			
5	Antenna Wo (60 Deg)	None					90			
6	Antenna Wo (90 Deg)	None					90			
7	Antenna Wo (120 Deg)	None					90			
8	Antenna Wo (150 Deg)	None					90			
9	Antenna Wo (180 Deg)	None					90			
10	Antenna Wo (210 Deg)	None					90			
11	Antenna Wo (240 Deg)	None					90			
12	Antenna Wo (270 Deg)	None					90			
13	Antenna Wo (300 Deg)	None					90			
14	Antenna Wo (330 Deg)	None					90			
15	Antenna Wi (0 Deg)	None					90			
16	Antenna Wi (30 Deg)	None					90			
17	Antenna Wi (60 Deg)	None					90			
18	Antenna Wi (90 Deg)	None					90			
19	Antenna Wi (120 Deg)	None					90			
20	Antenna Wi (150 Deg)	None					90			
21	Antenna Wi (180 Deg)	None					90			
22	Antenna Wi (210 Deg)	None					90			
23	Antenna Wi (240 Deg)	None					90			
24	Antenna Wi (270 Deg)	None					90			
25	Antenna Wi (300 Deg)	None					90			
26	Antenna Wi (330 Deg)	None					90			
27	Antenna Wm (0 Deg)	None					90			
28	Antenna Wm (30 Deg)	None					90			
29	Antenna Wm (60 Deg)	None					90			
30	Antenna Wm (90 Deg)	None					90			
31	Antenna Wm (120 Deg)	None					90			
32	Antenna Wm (150 Deg)	None					90			
33	Antenna Wm (180 Deg)	None					90			
34	Antenna Wm (210 Deg)	None					90			
35	Antenna Wm (240 Deg)	None					90			
36	Antenna Wm (270 Deg)	None					90			
37	Antenna Wm (300 Deg)	None					90			
38	Antenna Wm (330 Deg)	None					90			
39	Structure D	None		-1					3	
40	Structure Di	None						78	3	
41	Structure Wo (0 Deg)	None						156		
42	Structure Wo (30 Deg)	None						156		
43	Structure Wo (60 Deg)	None						156		
44	Structure Wo (90 Deg)	None						156		
45	Structure Wo (120 D...	None						156		
46	Structure Wo (150 D...	None						156		
47	Structure Wo (180 D...	None						156		
48	Structure Wo (210 D...	None						156		
49	Structure Wo (240 D...	None						156		
50	Structure Wo (270 D...	None						156		
51	Structure Wo (300 D...	None						156		
52	Structure Wo (330 D...	None						156		
53	Structure Wi (0 Deg)	None						156		
54	Structure Wi (30 Deg)	None						156		
55	Structure Wi (60 Deg)	None						156		
56	Structure Wi (90 Deg)	None						156		

Basic Load Cases (Continued)

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed	Area(Me...	Surface(P...
57	Structure Wi (120 De...	None						156		
58	Structure Wi (150 De...	None						156		
59	Structure Wi (180 De...	None						156		
60	Structure Wi (210 De...	None						156		
61	Structure Wi (240 De...	None						156		
62	Structure Wi (270 De...	None						156		
63	Structure Wi (300 De...	None						156		
64	Structure Wi (330 De...	None						156		
65	Structure Wm (0 Deg)	None						156		
66	Structure Wm (30 De...	None						156		
67	Structure Wm (60 De...	None						156		
68	Structure Wm (90 De...	None						156		
69	Structure Wm (120 D...	None						156		
70	Structure Wm (150 D...	None						156		
71	Structure Wm (180 D...	None						156		
72	Structure Wm (210 D...	None						156		
73	Structure Wm (240 D...	None						156		
74	Structure Wm (270 D...	None						156		
75	Structure Wm (300 D...	None						156		
76	Structure Wm (330 D...	None						156		
77	Lm1	None					1			
78	Lm2	None					1			
79	Lv1	None					1			
80	Lv2	None					1			
81	BLC 39 Transient Are...	None						44		
82	BLC 40 Transient Are...	None						44		

Load Combinations

	Description	Solve	P...	S...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...
1	1.2D+1.0Wo (0 Deg)	Yes	Y		1	1.2	39	1.2	3	1	41	1														
2	1.2D+1.0Wo (30 Deg)	Yes	Y		1	1.2	39	1.2	4	1	42	1														
3	1.2D+1.0Wo (60 Deg)	Yes	Y		1	1.2	39	1.2	5	1	43	1														
4	1.2D+1.0Wo (90 Deg)	Yes	Y		1	1.2	39	1.2	6	1	44	1														
5	1.2D+1.0Wo (120 Deg)	Yes	Y		1	1.2	39	1.2	7	1	45	1														
6	1.2D+1.0Wo (150 Deg)	Yes	Y		1	1.2	39	1.2	8	1	46	1														
7	1.2D+1.0Wo (180 Deg)	Yes	Y		1	1.2	39	1.2	9	1	47	1														
8	1.2D+1.0Wo (210 Deg)	Yes	Y		1	1.2	39	1.2	10	1	48	1														
9	1.2D+1.0Wo (240 Deg)	Yes	Y		1	1.2	39	1.2	11	1	49	1														
10	1.2D+1.0Wo (270 Deg)	Yes	Y		1	1.2	39	1.2	12	1	50	1														
11	1.2D+1.0Wo (300 Deg)	Yes	Y		1	1.2	39	1.2	13	1	51	1														
12	1.2D+1.0Wo (330 Deg)	Yes	Y		1	1.2	39	1.2	14	1	52	1														
13	1.2D + 1.0Di + 1.0Wi (0 Deg)	Yes	Y		1	1.2	39	1.2	2	1	40	1	15	1	53	1										
14	1.2D + 1.0Di + 1.0Wi (30 De...	Yes	Y		1	1.2	39	1.2	2	1	40	1	16	1	54	1										
15	1.2D + 1.0Di + 1.0Wi (60 De...	Yes	Y		1	1.2	39	1.2	2	1	40	1	17	1	55	1										
16	1.2D + 1.0Di + 1.0Wi (90 De...	Yes	Y		1	1.2	39	1.2	2	1	40	1	18	1	56	1										
17	1.2D + 1.0Di + 1.0Wi (120 D...	Yes	Y		1	1.2	39	1.2	2	1	40	1	19	1	57	1										
18	1.2D + 1.0Di + 1.0Wi (150 D...	Yes	Y		1	1.2	39	1.2	2	1	40	1	20	1	58	1										
19	1.2D + 1.0Di + 1.0Wi (180 D...	Yes	Y		1	1.2	39	1.2	2	1	40	1	21	1	59	1										
20	1.2D + 1.0Di + 1.0Wi (210 D...	Yes	Y		1	1.2	39	1.2	2	1	40	1	22	1	60	1										
21	1.2D + 1.0Di + 1.0Wi (240 D...	Yes	Y		1	1.2	39	1.2	2	1	40	1	23	1	61	1										
22	1.2D + 1.0Di + 1.0Wi (270 D...	Yes	Y		1	1.2	39	1.2	2	1	40	1	24	1	62	1										
23	1.2D + 1.0Di + 1.0Wi (300 D...	Yes	Y		1	1.2	39	1.2	2	1	40	1	25	1	63	1										
24	1.2D + 1.0Di + 1.0Wi (330 D...	Yes	Y		1	1.2	39	1.2	2	1	40	1	26	1	64	1										
25	1.2D + 1.5Lm1 + 1.0Wm (0 ...	Yes	Y		1	1.2	39	1.2	77	1.5	27	1	65	1												
26	1.2D + 1.5Lm1 + 1.0Wm (30...	Yes	Y		1	1.2	39	1.2	77	1.5	28	1	66	1												

Load Combinations (Continued)

	Description	Solve	P...	S...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...
27	1.2D + 1.5Lm1 + 1.0Wm (60...	Yes	Y		1	1.2	39	1.2	77	1.5	29	1	67	1										
28	1.2D + 1.5Lm1 + 1.0Wm (90...	Yes	Y		1	1.2	39	1.2	77	1.5	30	1	68	1										
29	1.2D + 1.5Lm1 + 1.0Wm (12...	Yes	Y		1	1.2	39	1.2	77	1.5	31	1	69	1										
30	1.2D + 1.5Lm1 + 1.0Wm (15...	Yes	Y		1	1.2	39	1.2	77	1.5	32	1	70	1										
31	1.2D + 1.5Lm1 + 1.0Wm (18...	Yes	Y		1	1.2	39	1.2	77	1.5	33	1	71	1										
32	1.2D + 1.5Lm1 + 1.0Wm (21...	Yes	Y		1	1.2	39	1.2	77	1.5	34	1	72	1										
33	1.2D + 1.5Lm1 + 1.0Wm (24...	Yes	Y		1	1.2	39	1.2	77	1.5	35	1	73	1										
34	1.2D + 1.5Lm1 + 1.0Wm (27...	Yes	Y		1	1.2	39	1.2	77	1.5	36	1	74	1										
35	1.2D + 1.5Lm1 + 1.0Wm (30...	Yes	Y		1	1.2	39	1.2	77	1.5	37	1	75	1										
36	1.2D + 1.5Lm1 + 1.0Wm (33...	Yes	Y		1	1.2	39	1.2	77	1.5	38	1	76	1										
37	1.2D + 1.5Lm2 + 1.0Wm (0 ...	Yes	Y		1	1.2	39	1.2	78	1.5	27	1	65	1										
38	1.2D + 1.5Lm2 + 1.0Wm (30...	Yes	Y		1	1.2	39	1.2	78	1.5	28	1	66	1										
39	1.2D + 1.5Lm2 + 1.0Wm (60...	Yes	Y		1	1.2	39	1.2	78	1.5	29	1	67	1										
40	1.2D + 1.5Lm2 + 1.0Wm (90...	Yes	Y		1	1.2	39	1.2	78	1.5	30	1	68	1										
41	1.2D + 1.5Lm2 + 1.0Wm (12...	Yes	Y		1	1.2	39	1.2	78	1.5	31	1	69	1										
42	1.2D + 1.5Lm2 + 1.0Wm (15...	Yes	Y		1	1.2	39	1.2	78	1.5	32	1	70	1										
43	1.2D + 1.5Lm2 + 1.0Wm (18...	Yes	Y		1	1.2	39	1.2	78	1.5	33	1	71	1										
44	1.2D + 1.5Lm2 + 1.0Wm (21...	Yes	Y		1	1.2	39	1.2	78	1.5	34	1	72	1										
45	1.2D + 1.5Lm2 + 1.0Wm (24...	Yes	Y		1	1.2	39	1.2	78	1.5	35	1	73	1										
46	1.2D + 1.5Lm2 + 1.0Wm (27...	Yes	Y		1	1.2	39	1.2	78	1.5	36	1	74	1										
47	1.2D + 1.5Lm2 + 1.0Wm (30...	Yes	Y		1	1.2	39	1.2	78	1.5	37	1	75	1										
48	1.2D + 1.5Lm2 + 1.0Wm (33...	Yes	Y		1	1.2	39	1.2	78	1.5	38	1	76	1										
49	1.2D + 1.5Lv1	Yes	Y		1	1.2	39	1.2	79	1.5														
50	1.2D + 1.5Lv2	Yes	Y		1	1.2	39	1.2	80	1.5														
51	1.4D	Yes	Y		1	1.4	39	1.4																
52	Seismic Mass		Y		1	1	39	1																
53	1.2D + 1.0Ev + 1.0Eh (0 Deg)		Y		1	1.2	39	1.2	SX		SY	1	SZ	-1										
54	1.2D + 1.0Ev + 1.0Eh (30 D...		Y		1	1.2	39	1.2	SX	.5	SY	1	SZ	-.8...										
55	1.2D + 1.0Ev + 1.0Eh (60 D...		Y		1	1.2	39	1.2	SX	.866	SY	1	SZ	-.5										
56	1.2D + 1.0Ev + 1.0Eh (90 D...		Y		1	1.2	39	1.2	SX	1	SY	1	SZ											
57	1.2D + 1.0Ev + 1.0Eh (120 ...		Y		1	1.2	39	1.2	SX	.866	SY	1	SZ	.5										
58	1.2D + 1.0Ev + 1.0Eh (150 ...		Y		1	1.2	39	1.2	SX	.5	SY	1	SZ	.866										
59	1.2D + 1.0Ev + 1.0Eh (180 ...		Y		1	1.2	39	1.2	SX		SY	1	SZ	1										
60	1.2D + 1.0Ev + 1.0Eh (210 ...		Y		1	1.2	39	1.2	SX	-.5	SY	1	SZ	.866										
61	1.2D + 1.0Ev + 1.0Eh (240 ...		Y		1	1.2	39	1.2	SX	-.8...	SY	1	SZ	.5										
62	1.2D + 1.0Ev + 1.0Eh (270 ...		Y		1	1.2	39	1.2	SX	-1	SY	1	SZ											
63	1.2D + 1.0Ev + 1.0Eh (300 ...		Y		1	1.2	39	1.2	SX	-.8...	SY	1	SZ	-.5										
64	1.2D + 1.0Ev + 1.0Eh (330 ...		Y		1	1.2	39	1.2	SX	-.5	SY	1	SZ	-.8...										

Joint Coordinates and Temperatures

	Label	X [in]	Y [in]	Z [in]	Temp [F]	Detach From Diap...
1	N1	0.	0	36.9504	0	
2	N2	64.	0	36.9504	0	
3	N3	-64.	0	36.9504	0	
4	N4	-32.	0	-18.475226	0	
5	N5	-0.	0	-73.900852	0	
6	N7	32.	0	-18.475226	0	
7	N7A	0	0	-0.000017	0	
8	N8	-0.	0	-20.900852	0	
9	N11	30.599564	0	-20.900852	0	
10	N12	-30.599564	0	-20.900852	0	
11	N11A	-33.400451	0	-16.049574	0	
12	N12A	-2.800901	0	36.9504	0	
13	N13	2.800901	0	36.9504	0	
14	N14	33.400451	0	-16.049574	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [in]	Y [in]	Z [in]	Temp [F]	Detach From Diap...
15	N15	-56.	0	36.9504	0	
16	N20	-60.000015	0	30.022223	0	
17	N24	-64.	-2.5	36.9504	0	
18	N25	-56.	-2.5	36.9504	0	
19	N26	-59.999985	-2.5	30.022223	0	
20	N27	-57.999993	-2.5	33.486311	0	
21	N22	60.000015	0	30.022223	0	
22	N23	56.	0	36.9504	0	
23	N24A	64.	-2.5	36.9504	0	
24	N25A	59.999985	-2.5	30.022223	0	
25	N26A	56.	-2.5	36.9504	0	
26	N27A	58.	-2.5	33.486298	0	
27	N29	-4.000015	0	-66.972623	0	
28	N30	4.000015	0	-66.972623	0	
29	N31	-0.	-2.5	-73.900852	0	
30	N32	-3.999985	-2.5	-66.972623	0	
31	N33	3.999985	-2.5	-66.972623	0	
32	N34	-0.	-2.5	-66.972623	0	
33	N33A	-0.	-2.5	-84.972623	0	
34	N35	-73.58845	-2.5	42.486311	0	
35	N37	73.588457	-2.5	42.486298	0	
36	N36	0.	37.	36.9504	0	
37	N39	-32.	37.	-18.475226	0	
38	N41	32.	37.	-18.475226	0	
39	N50	-56.	37.	36.9504	0	
40	N51	-59.999985	37.	30.022223	0	
41	N52	59.999985	37.	30.022223	0	
42	N53	56.	37.	36.9504	0	
43	N54	-3.999985	37.	-66.972623	0	
44	N55	3.999985	37.	-66.972623	0	
45	N56	-60.	37.	36.9504	0	
46	N57	60.	37.	36.9504	0	
47	N58	61.999985	37.	33.486324	0	
48	N59	1.999985	37.	-70.436724	0	
49	N60	-1.999985	37.	-70.436724	0	
50	N61	-61.999985	37.	33.486324	0	
51	N55A	-56.	39.5	36.9504	0	
52	N56A	-59.999985	39.5	30.022223	0	
53	N57A	-60.	39.5	36.9504	0	
54	N58A	-61.999985	39.5	33.486324	0	
55	N59A	-57.999993	39.5	33.486311	0	
56	N60A	-60.999993	39.5	35.218362	0	
57	N60B	-73.58845	39.5	42.486311	0	
58	N64	59.999985	39.5	30.022223	0	
59	N65	56.	39.5	36.9504	0	
60	N66	61.999985	39.5	33.486324	0	
61	N67	60.	39.5	36.9504	0	
62	N68	58.	39.5	33.486298	0	
63	N69	61.	39.5	35.218349	0	
64	N70	73.588457	39.5	42.486298	0	
65	N75	-3.999985	39.5	-66.972623	0	
66	N76	3.999985	39.5	-66.972623	0	
67	N77	-1.999985	39.5	-70.436724	0	
68	N78	1.999985	39.5	-70.436724	0	
69	N79	-0.	39.5	-66.972623	0	
70	N80	-0.	39.5	-70.436724	0	
71	N81	-0.	39.5	-84.972623	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [in]	Y [in]	Z [in]	Temp [F]	Detach From Diap...
72	N72	5.	0	-20.900852	0	
73	N73	-5.	0	-20.900852	0	
74	N74	-18.100669	0	10.450426	0	
75	N75A	-20.600669	0	6.120299	0	
76	N76A	-15.600669	0	14.780553	0	
77	N77A	18.100676	0	10.450413	0	
78	N78A	15.600669	0	14.780553	0	
79	N79A	20.600669	0	6.120299	0	
80	N80A	17.5	0	36.9504	0	
81	N81A	17.5	37.	36.9504	0	
82	N82	-17.5	0	36.9504	0	
83	N83	-17.5	37.	36.9504	0	
84	N84	-17.5	18.5	36.9504	0	
85	N85	17.5	18.5	36.9504	0	
86	N86	58.	0	36.9504	0	
87	N87	58.	37.	36.9504	0	
88	N88	-58.	0	36.9504	0	
89	N89	-58.	37.	36.9504	0	
90	N90	23.250015	0	-33.630645	0	
91	N91	23.249993	37.	-33.630632	0	
92	N92	40.750015	0	-3.319755	0	
93	N93	40.749993	37.	-3.319743	0	
94	N94	40.750015	18.5	-3.319755	0	
95	N95	23.250015	18.5	-33.630645	0	
96	N96	3.000015	0	-68.704673	0	
97	N97	2.999993	37.	-68.70466	0	
98	N98	61.000015	0	31.754273	0	
99	N99	60.999993	37.	31.754286	0	
100	N100	-40.750015	0	-3.319755	0	
101	N101	-40.75	37.	-3.31973	0	
102	N102	-23.250015	0	-33.630645	0	
103	N103	-23.25	37.	-33.630619	0	
104	N104	-23.250015	18.5	-33.630645	0	
105	N105	-40.750015	18.5	-3.319755	0	
106	N106	-61.000015	0	31.754273	0	
107	N107	-61.	37.	31.754299	0	
108	N108	-3.000015	0	-68.704673	0	
109	N109	-3.	37.	-68.704648	0	
110	N110	9.	-2.5	-84.972623	0	
111	N111	9.	39.5	-84.972623	0	
112	N112	-9.	-2.5	-84.972623	0	
113	N113	-9.	39.5	-84.972623	0	
114	N114	-12.	-2.5	-84.972623	0	
115	N115	-12.	39.5	-84.972623	0	
116	N118	12.	-2.5	-84.972623	0	
117	N119	12.	39.5	-84.972623	0	
118	N118A	-78.08845	-2.5	34.692083	0	
119	N119A	-78.08845	39.5	34.692083	0	
120	N120	-69.08845	-2.5	50.28054	0	
121	N121	-69.08845	39.5	50.28054	0	
122	N122	-67.58845	-2.5	52.878616	0	
123	N123	-67.58845	39.5	52.878616	0	
124	N124	-79.58845	-2.5	32.094006	0	
125	N125	-79.58845	39.5	32.094006	0	
126	N126	69.08845	-2.5	50.28054	0	
127	N127	69.08845	39.5	50.28054	0	
128	N128	78.08845	-2.5	34.692083	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [in]	Y [in]	Z [in]	Temp [F]	Detach From Diap...
129	N129	78.08845	39.5	34.692083	0	
130	N130	79.58845	-2.5	32.094006	0	
131	N131	79.58845	39.5	32.094006	0	
132	N132	67.58845	-2.5	52.878616	0	
133	N133	67.58845	39.5	52.878616	0	
134	N152	-16.	0	36.9504	0	
135	N154	-16.	37.	36.9504	0	
136	N157	-16.	0	39.4504	0	
137	N158	-16.	37.	39.4504	0	
138	N159	-16.	-22.	39.4504	0	
139	N160	-16.	58.	39.4504	0	
140	N165	-67.58845	60	52.878616	0	
141	N166	67.58845	60	52.878616	0	
142	N169	-67.58845	-20.	52.878616	0	
143	N170	67.58845	-20.	52.878616	0	
144	N187	79.58845	60	32.094006	0	
145	N188	12.	60	-84.972623	0	
146	N191	79.58845	-20.	32.094006	0	
147	N192	12.	-20.	-84.972623	0	
148	N209	-12.	60	-84.972623	0	
149	N210	-79.58845	60	32.094006	0	
150	N213	-12.	-20.	-84.972623	0	
151	N214	-79.58845	-20.	32.094006	0	
152	N220	17.320508	0	-43.900852	0	
153	N221	-17.320508	0	-43.900852	0	
154	N220A	-9.320508	0	-43.900852	0	
155	N222	-9.320508	0	-20.900852	0	
156	N222A	-9.320508	0	-32.400852	0	
157	N223	-9.320508	0	-24.400852	0	
158	N224	-9.320508	0	-40.400852	0	
159	N225	-9.320508	24	-24.400852	0	
160	N226	-9.320508	24	-40.400852	0	
161	N227	-9.320508	-36	-24.400852	0	
162	N228	-9.320508	-36	-40.400852	0	
163	N229	-9.320508	14.	-24.400852	0	
164	N230	-9.320508	4.	-24.400852	0	
165	N231	-9.320508	-6	-24.400852	0	
166	N232	-9.320508	-16.	-24.400852	0	
167	N233	-9.320508	-26.	-24.400852	0	
168	N234	-9.320508	-26.	-40.400852	0	
169	N235	-9.320508	-16.	-40.400852	0	
170	N236	-9.320508	-6	-40.400852	0	
171	N237	-9.320508	4.	-40.400852	0	
172	N238	-9.320508	14.	-40.400852	0	
173	N189	51.	0	36.9504	0	
174	N190	51.	37.	36.9504	0	
175	N191A	51.	0	39.4504	0	
176	N192A	51.	37.	39.4504	0	
177	N193	51.	-22.	39.4504	0	
178	N194	51.	58.	39.4504	0	
179	N195A	40.000007	0	-4.618806	0	
180	N196	39.999985	37.	-4.618794	0	
181	N197A	42.165049	0	-5.868794	0	
182	N198	42.165049	37.	-5.868794	0	
183	N199B	42.165049	-22.	-5.868794	0	
184	N200B	42.165049	58.	-5.868794	0	
185	N201	-24.000007	0	-32.331619	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [in]	Y [in]	Z [in]	Temp [F]	Detach From Diap...
186	N202	-23.999985	37.	-32.331606	0	
187	N203	-26.165049	0	-33.581606	0	
188	N204	-26.165049	37.	-33.581606	0	
189	N205A	-26.165049	-22.	-33.581606	0	
190	N206A	-26.165049	58.	-33.581606	0	
191	N211	51.	6	39.4504	0	
192	N212	51.	49.	39.4504	0	
193	N213A	3.468896	39	-60.892496	0	
194	N214A	3.468896	49.	-60.892496	0	
195	N215	3.468896	37.	-60.892496	0	
196	N216	3.468896	61.	-60.892496	0	
197	N217	8.665049	39	-63.892496	0	
198	N218	8.665049	49.	-63.892496	0	
199	N223A	-59.665049	6	24.442096	0	
200	N224A	-59.665049	49.	24.442096	0	
201	N221B	6.500007	0	-62.642509	0	
202	N222C	6.499985	37.	-62.642496	0	
203	N223B	8.665049	0	-63.892496	0	
204	N224B	8.665049	37.	-63.892496	0	
205	N225A	8.665049	-22.	-63.892496	0	
206	N226A	8.665049	58.	-63.892496	0	
207	N227A	-57.500007	0	25.692083	0	
208	N228A	-57.499985	37.	25.692096	0	
209	N229A	-59.665049	0	24.442096	0	
210	N230A	-59.665049	37.	24.442096	0	
211	N231A	-59.665049	-22.	24.442096	0	
212	N232A	-59.665049	58.	24.442096	0	
213	N213B	36.968896	39	-2.868794	0	
214	N214B	36.968896	49.	-2.868794	0	
215	N215A	36.968896	37.	-2.868794	0	
216	N216A	36.968896	61.	-2.868794	0	
217	N217A	42.165049	39	-5.868794	0	
218	N218A	42.165049	49.	-5.868794	0	
219	N220B	-54.468881	39	27.44207	0	
220	N221A	-54.468881	49.	27.44207	0	
221	N222B	-54.468881	37.	27.44207	0	
222	N223C	-54.468881	61.	27.44207	0	
223	N224C	-59.665034	39	24.44207	0	
224	N226B	-20.968881	39	-30.581632	0	
225	N227B	-20.968881	49.	-30.581632	0	
226	N228B	-20.968881	37.	-30.581632	0	
227	N229B	-20.968881	61.	-30.581632	0	
228	N230B	-26.165034	39	-33.581632	0	
229	N231B	-26.165034	49.	-33.581632	0	
230	N233A	50.999985	39	33.450374	0	
231	N234A	50.999985	49.	33.450374	0	
232	N235A	50.999985	37.	33.450374	0	
233	N236A	50.999985	61.	33.450374	0	
234	N237A	50.999985	39	39.450374	0	
235	N239	-16.000015	39	33.450374	0	
236	N240	-16.000015	49.	33.450374	0	
237	N241	-16.000015	37.	33.450374	0	
238	N242	-16.000015	61.	33.450374	0	
239	N243	-16.000015	39	39.450374	0	
240	N244	-16.000015	49.	39.450374	0	

Hot Rolled Steel Section Sets

	Label	Shape	Type	Design List	Material	Design ...	A [in2]	Iyy [in4]	Izz [in4]	J [in4]
1	Mount Pipe	PIPE_2.0	Beam	Pipe	A53 Gr. B	Typical	1.02	.627	.627	1.25
2	FH	C5X6.7	Beam	Channel	A36 Gr.36	Typical	1.97	.47	7.48	.055
3	Crossmember	C5X6.7	Beam	Channel	A36 Gr.36	Typical	1.97	.47	7.48	.055
4	Corner Channel	C6X8.2	Beam	Channel	A36 Gr.36	Typical	2.39	.687	13.1	.074
5	Ladder	L2x2x4	Beam	Single Angle	A36 Gr.36	Typical	.944	.346	.346	.021
6	Support Rail	L3X3X6	Beam	Single Angle	A36 Gr.36	Typical	2.11	1.75	1.75	.101
7	Ladder Rungs	SR_0.75	Beam	Single Angle	A36 Gr.36	Typical	.442	.016	.016	.031
8	Face Bracing	L1.75X1.75X4	Beam	Single Angle	A36 Gr.36	Typical	.813	.227	.227	.015
9	TES Face Bracing	L2x2x4	Beam	Single Angle	A36 Gr.36	Typical	.944	.346	.346	.021
10	Corner Plate	PL3/8X8	Beam	RECT	A36 Gr.36	Typical	3	.035	16	.136
11	Corner HHS	HSS2X2X3	Beam	SquareTube	A500 Gr. B 46	Typical	1.19	.641	.641	1.09
12	S.O. horizontal	C6X8.2	Beam	Channel	A36 Gr.36	Typical	2.39	.687	13.1	.074

Hot Rolled Steel Properties

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

Member Primary Data

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
1	M1	N3	N1		180	FH	Beam	Channel	A36 Gr.36	Typical
2	M2	N1	N2		180	FH	Beam	Channel	A36 Gr.36	Typical
3	M3	N2	N7		180	FH	Beam	Channel	A36 Gr.36	Typical
4	M4	N7	N5		180	FH	Beam	Channel	A36 Gr.36	Typical
5	M5	N5	N4		180	FH	Beam	Channel	A36 Gr.36	Typical
6	M6	N4	N3		180	FH	Beam	Channel	A36 Gr.36	Typical
7	M7	N12	N11		180	Crossmember	Beam	Channel	A36 Gr.36	Typical
8	M8	N12A	N11A		180	Crossmember	Beam	Channel	A36 Gr.36	Typical
9	M9	N14	N13		180	Crossmember	Beam	Channel	A36 Gr.36	Typical
10	M13	N25	N26		90	Corner Plate	Beam	RECT	A36 Gr.36	Typical
11	M13A	N3	N24			RIGID	None	None	RIGID	Typical
12	M14	N15	N25			RIGID	None	None	RIGID	Typical
13	M15	N20	N26			RIGID	None	None	RIGID	Typical
14	M14A	N25A	N26A		90	Corner Plate	Beam	RECT	A36 Gr.36	Typical
15	M15A	N2	N24A			RIGID	None	None	RIGID	Typical
16	M16	N22	N25A			RIGID	None	None	RIGID	Typical
17	M17	N23	N26A			RIGID	None	None	RIGID	Typical
18	M18	N32	N33		90	Corner Plate	Beam	RECT	A36 Gr.36	Typical
19	M19	N5	N31			RIGID	None	None	RIGID	Typical
20	M20	N29	N32			RIGID	None	None	RIGID	Typical
21	M21	N30	N33			RIGID	None	None	RIGID	Typical
22	M22	N34	N33A		90	S.O. horizontal	Beam	Channel	A36 Gr.36	Typical
23	M23	N27	N35		90	S.O. horizontal	Beam	Channel	A36 Gr.36	Typical
24	M24	N27A	N37		90	S.O. horizontal	Beam	Channel	A36 Gr.36	Typical
25	M25	N61	N60		90	Support Rail	Beam	Single Angle	A36 Gr.36	Typical
26	M26	N57	N56		90	Support Rail	Beam	Single Angle	A36 Gr.36	Typical
27	M27	N59	N58		90	Support Rail	Beam	Single Angle	A36 Gr.36	Typical
28	M28	N61	N58A			RIGID	None	None	RIGID	Typical
29	M29	N58A	N60A			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
30	M30	N56	N57A			RIGID	None	None	RIGID	Typical
31	M31	N57A	N60A			RIGID	None	None	RIGID	Typical
32	M32	N50	N55A			RIGID	None	None	RIGID	Typical
33	M33	N51	N56A			RIGID	None	None	RIGID	Typical
34	M34	N56A	N55A		90	Corner Plate	Beam	RECT	A36 Gr.36	Typical
35	M35	N59A	N60B		270	S.O. horizontal	Beam	Channel	A36 Gr.36	Typical
36	M36	N57	N67			RIGID	None	None	RIGID	Typical
37	M37	N67	N69			RIGID	None	None	RIGID	Typical
38	M38	N58	N66			RIGID	None	None	RIGID	Typical
39	M39	N66	N69			RIGID	None	None	RIGID	Typical
40	M40	N52	N64			RIGID	None	None	RIGID	Typical
41	M41	N53	N65			RIGID	None	None	RIGID	Typical
42	M42	N65	N64		90	Corner Plate	Beam	RECT	A36 Gr.36	Typical
43	M43	N68	N70		270	S.O. horizontal	Beam	Channel	A36 Gr.36	Typical
44	M44	N59	N78			RIGID	None	None	RIGID	Typical
45	M45	N78	N80			RIGID	None	None	RIGID	Typical
46	M46	N60	N77			RIGID	None	None	RIGID	Typical
47	M47	N77	N80			RIGID	None	None	RIGID	Typical
48	M48	N54	N75			RIGID	None	None	RIGID	Typical
49	M49	N55	N76			RIGID	None	None	RIGID	Typical
50	M50	N76	N75		90	Corner Plate	Beam	RECT	A36 Gr.36	Typical
51	M51	N79	N81		270	S.O. horizontal	Beam	Channel	A36 Gr.36	Typical
52	M52	N82	N83		270	Face Bracing	Beam	Single Angle	A36 Gr.36	Typical
53	M53	N80A	N81A		180	Face Bracing	Beam	Single Angle	A36 Gr.36	Typical
54	M54	N85	N84		90	Face Bracing	Beam	Single Angle	A36 Gr.36	Typical
55	M55	N86	N87		270	Face Bracing	Beam	Single Angle	A36 Gr.36	Typical
56	M56	N88	N89		180	Face Bracing	Beam	Single Angle	A36 Gr.36	Typical
57	M57	N82	N89			Face Bracing	Beam	Single Angle	A36 Gr.36	Typical
58	M58	N80A	N87		90	Face Bracing	Beam	Single Angle	A36 Gr.36	Typical
59	M59	N92	N93		270	Face Bracing	Beam	Single Angle	A36 Gr.36	Typical
60	M60	N90	N91		180	Face Bracing	Beam	Single Angle	A36 Gr.36	Typical
61	M61	N95	N94		90	Face Bracing	Beam	Single Angle	A36 Gr.36	Typical
62	M62	N96	N97		270	Face Bracing	Beam	Single Angle	A36 Gr.36	Typical
63	M63	N98	N99		180	Face Bracing	Beam	Single Angle	A36 Gr.36	Typical
64	M64	N92	N99			Face Bracing	Beam	Single Angle	A36 Gr.36	Typical
65	M65	N90	N97		90	Face Bracing	Beam	Single Angle	A36 Gr.36	Typical
66	M66	N102	N103		270	Face Bracing	Beam	Single Angle	A36 Gr.36	Typical
67	M67	N100	N101		180	Face Bracing	Beam	Single Angle	A36 Gr.36	Typical
68	M68	N105	N104		90	Face Bracing	Beam	Single Angle	A36 Gr.36	Typical
69	M69	N106	N107		270	Face Bracing	Beam	Single Angle	A36 Gr.36	Typical
70	M70	N108	N109		180	Face Bracing	Beam	Single Angle	A36 Gr.36	Typical
71	M71	N102	N109			Face Bracing	Beam	Single Angle	A36 Gr.36	Typical
72	M72	N100	N107		90	Face Bracing	Beam	Single Angle	A36 Gr.36	Typical
73	M73	N113	N111			Corner HHS	Beam	SquareTube	A500 Gr. ...	Typical
74	M74	N112	N110			Corner HHS	Beam	SquareTube	A500 Gr. ...	Typical
75	M75	N112	N114			RIGID	None	None	RIGID	Typical
76	M76	N113	N115			RIGID	None	None	RIGID	Typical
77	M77	N110	N118			RIGID	None	None	RIGID	Typical
78	M78	N111	N119			RIGID	None	None	RIGID	Typical
79	M79	N121	N119A			Corner HHS	Beam	SquareTube	A500 Gr. ...	Typical
80	M80	N120	N118A			Corner HHS	Beam	SquareTube	A500 Gr. ...	Typical
81	M81	N120	N122			RIGID	None	None	RIGID	Typical
82	M82	N121	N123			RIGID	None	None	RIGID	Typical
83	M83	N118A	N124			RIGID	None	None	RIGID	Typical
84	M84	N119A	N125			RIGID	None	None	RIGID	Typical
85	M85	N129	N127			Corner HHS	Beam	SquareTube	A500 Gr. ...	Typical
86	M86	N128	N126			Corner HHS	Beam	SquareTube	A500 Gr. ...	Typical

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
87	M87	N128	N130			RIGID	None	None	RIGID	Typical
88	M88	N129	N131			RIGID	None	None	RIGID	Typical
89	M89	N126	N132			RIGID	None	None	RIGID	Typical
90	M90	N127	N133			RIGID	None	None	RIGID	Typical
91	M96	N154	N158			RIGID	None	None	RIGID	Typical
92	M97	N152	N157			RIGID	None	None	RIGID	Typical
93	MP3A	N160	N159			Mount Pipe	Beam	Pipe	A53 Gr. B	Typical
94	MP4A	N165	N169			Mount Pipe	Beam	Pipe	A53 Gr. B	Typical
95	MP1A	N166	N170			Mount Pipe	Beam	Pipe	A53 Gr. B	Typical
96	MP4C	N187	N191			Mount Pipe	Beam	Pipe	A53 Gr. B	Typical
97	MP1C	N188	N192			Mount Pipe	Beam	Pipe	A53 Gr. B	Typical
98	MP4B	N209	N213			Mount Pipe	Beam	Pipe	A53 Gr. B	Typical
99	MP1B	N210	N214			Mount Pipe	Beam	Pipe	A53 Gr. B	Typical
100	M127	N221	N220		180	Crossmember	Beam	Channel	A36 Gr.36	Typical
101	M128	N220A	N222			Crossmember	Beam	Channel	A36 Gr.36	Typical
102	M129	N225	N227		90	Ladder	Beam	Single Angle	A36 Gr.36	Typical
103	M130	N228	N226		90	Ladder	Beam	Single Angle	A36 Gr.36	Typical
104	M131	N229	N238			Ladder Rungs	Beam	Single Angle	A36 Gr.36	Typical
105	M132	N237	N230			Ladder Rungs	Beam	Single Angle	A36 Gr.36	Typical
106	M133	N231	N236			Ladder Rungs	Beam	Single Angle	A36 Gr.36	Typical
107	M134	N235	N232			Ladder Rungs	Beam	Single Angle	A36 Gr.36	Typical
108	M135	N233	N234			Ladder Rungs	Beam	Single Angle	A36 Gr.36	Typical
109	M117A	N190	N192A			RIGID	None	None	RIGID	Typical
110	M118A	N189	N191A			RIGID	None	None	RIGID	Typical
111	MP2A	N194	N193			Mount Pipe	Beam	Pipe	A53 Gr. B	Typical
112	M120	N196	N198			RIGID	None	None	RIGID	Typical
113	M121A	N195A	N197A			RIGID	None	None	RIGID	Typical
114	MP3C	N200B	N199B			Mount Pipe	Beam	Pipe	A53 Gr. B	Typical
115	M123A	N202	N204			RIGID	None	None	RIGID	Typical
116	M124A	N201	N203			RIGID	None	None	RIGID	Typical
117	MP3B	N206A	N205A			Mount Pipe	Beam	Pipe	A53 Gr. B	Typical
118	MP5C	N216	N215			Mount Pipe	Beam	Pipe	A53 Gr. B	Typical
119	M130A	N218	N214A			RIGID	None	None	RIGID	Typical
120	M131A	N217	N213A			RIGID	None	None	RIGID	Typical
121	M133B	N222C	N224B			RIGID	None	None	RIGID	Typical
122	M134B	N221B	N223B			RIGID	None	None	RIGID	Typical
123	MP2C	N226A	N225A			Mount Pipe	Beam	Pipe	A53 Gr. B	Typical
124	M136	N228A	N230A			RIGID	None	None	RIGID	Typical
125	M137	N227A	N229A			RIGID	None	None	RIGID	Typical
126	MP2B	N232A	N231A			Mount Pipe	Beam	Pipe	A53 Gr. B	Typical
127	M127A	N216A	N215A			Mount Pipe	Beam	Pipe	A53 Gr. B	Typical
128	M128A	N218A	N214B			RIGID	None	None	RIGID	Typical
129	M129A	N217A	N213B			RIGID	None	None	RIGID	Typical
130	M130B	N223C	N222B		240	Mount Pipe	Beam	Pipe	A53 Gr. B	Typical
131	M131B	N224A	N221A			RIGID	None	None	RIGID	Typical
132	M132A	N224C	N220B			RIGID	None	None	RIGID	Typical
133	M133A	N229B	N228B		240	Mount Pipe	Beam	Pipe	A53 Gr. B	Typical
134	M134A	N231B	N227B			RIGID	None	None	RIGID	Typical
135	M135A	N230B	N226B			RIGID	None	None	RIGID	Typical
136	M136A	N236A	N235A		120	Mount Pipe	Beam	Pipe	A53 Gr. B	Typical
137	M137A	N212	N234A			RIGID	None	None	RIGID	Typical
138	M138	N237A	N233A			RIGID	None	None	RIGID	Typical
139	M139	N242	N241		120	Mount Pipe	Beam	Pipe	A53 Gr. B	Typical
140	M140	N244	N240			RIGID	None	None	RIGID	Typical
141	M141	N243	N239			RIGID	None	None	RIGID	Typical

Member Advanced Data

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
1	M1						Yes				None
2	M2						Yes				None
3	M3						Yes				None
4	M4						Yes				None
5	M5						Yes				None
6	M6						Yes				None
7	M7						Yes				None
8	M8						Yes				None
9	M9						Yes				None
10	M13						Yes	Default			None
11	M13A						Yes	** NA **			None
12	M14						Yes	** NA **			None
13	M15						Yes	** NA **			None
14	M14A						Yes				None
15	M15A						Yes	** NA **			None
16	M16						Yes	** NA **			None
17	M17						Yes	** NA **			None
18	M18						Yes				None
19	M19						Yes	** NA **			None
20	M20						Yes	** NA **			None
21	M21						Yes	** NA **			None
22	M22						Yes				None
23	M23						Yes				None
24	M24						Yes				None
25	M25						Yes				None
26	M26						Yes				None
27	M27						Yes				None
28	M28						Yes	** NA **			None
29	M29						Yes	** NA **			None
30	M30						Yes	** NA **			None
31	M31						Yes	** NA **			None
32	M32						Yes	** NA **			None
33	M33						Yes	** NA **			None
34	M34						Yes				None
35	M35						Yes				None
36	M36						Yes	** NA **			None
37	M37						Yes	** NA **			None
38	M38						Yes	** NA **			None
39	M39						Yes	** NA **			None
40	M40						Yes	** NA **			None
41	M41						Yes	** NA **			None
42	M42						Yes				None
43	M43						Yes				None
44	M44						Yes	** NA **			None
45	M45						Yes	** NA **			None
46	M46						Yes	** NA **			None
47	M47						Yes	** NA **			None
48	M48						Yes	** NA **			None
49	M49						Yes	** NA **			None
50	M50						Yes				None
51	M51						Yes				None
52	M52						Yes				None
53	M53						Yes				None
54	M54						Yes				None
55	M55						Yes				None
56	M56						Yes				None

Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
57	M57						Yes				None
58	M58						Yes				None
59	M59						Yes				None
60	M60						Yes				None
61	M61						Yes				None
62	M62						Yes				None
63	M63						Yes				None
64	M64						Yes				None
65	M65						Yes				None
66	M66						Yes				None
67	M67						Yes				None
68	M68						Yes				None
69	M69						Yes				None
70	M70						Yes				None
71	M71						Yes				None
72	M72						Yes				None
73	M73						Yes				None
74	M74						Yes				None
75	M75						Yes	** NA **			None
76	M76						Yes	** NA **			None
77	M77						Yes	** NA **			None
78	M78						Yes	** NA **			None
79	M79						Yes				None
80	M80						Yes				None
81	M81						Yes	** NA **			None
82	M82						Yes	** NA **			None
83	M83						Yes	** NA **			None
84	M84						Yes	** NA **			None
85	M85						Yes				None
86	M86						Yes				None
87	M87						Yes	** NA **			None
88	M88						Yes	** NA **			None
89	M89						Yes	** NA **			None
90	M90						Yes	** NA **			None
91	M96		OOOXOO				Yes	** NA **			None
92	M97		OOOXOO				Yes	** NA **			None
93	MP3A						Yes				None
94	MP4A						Yes				None
95	MP1A						Yes				None
96	MP4C						Yes				None
97	MP1C						Yes				None
98	MP4B						Yes				None
99	MP1B						Yes				None
100	M127						Yes				None
101	M128						Yes				None
102	M129						Yes				None
103	M130						Yes				None
104	M131	BenPIN	BenPIN				Yes				None
105	M132	BenPIN	BenPIN				Yes				None
106	M133	BenPIN	BenPIN				Yes				None
107	M134	BenPIN	BenPIN				Yes				None
108	M135	BenPIN	BenPIN				Yes				None
109	M117A		OOOXOO				Yes	** NA **			None
110	M118A		OOOXOO				Yes	** NA **			None
111	MP2A						Yes				None
112	M120		OOOXOO				Yes	** NA **			None
113	M121A		OOOXOO				Yes	** NA **			None

Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
114	MP3C						Yes				None
115	M123A		OOOXOO				Yes	** NA **			None
116	M124A		OOOXOO				Yes	** NA **			None
117	MP3B						Yes				None
118	MP5C						Yes				None
119	M130A		OOOXOO				Yes	** NA **			None
120	M131A		OOOXOO				Yes	** NA **			None
121	M133B		OOOXOO				Yes	** NA **			None
122	M134B		OOOXOO				Yes	** NA **			None
123	MP2C						Yes				None
124	M136		OOOXOO				Yes	** NA **			None
125	M137		OOOXOO				Yes	** NA **			None
126	MP2B						Yes				None
127	M127A						Yes				None
128	M128A		OOOXOO				Yes	** NA **			None
129	M129A		OOOXOO				Yes	** NA **			None
130	M130B						Yes				None
131	M131B		OOOXOO				Yes	** NA **			None
132	M132A		OOOXOO				Yes	** NA **			None
133	M133A						Yes				None
134	M134A		OOOXOO				Yes	** NA **			None
135	M135A		OOOXOO				Yes	** NA **			None
136	M136A						Yes				None
137	M137A		OOOXOO				Yes	** NA **			None
138	M138		OOOXOO				Yes	** NA **			None
139	M139						Yes				None
140	M140		OOOXOO				Yes	** NA **			None
141	M141		OOOXOO				Yes	** NA **			None

Member Point Loads (BLC 1 : Antenna D)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP3A	Y	-30	12
2	MP3A	My	-.02	12
3	MP3A	Mz	.024	12
4	MP3A	Y	-30	72
5	MP3A	My	-.02	72
6	MP3A	Mz	.024	72
7	MP3B	Y	-30	12
8	MP3B	My	-.011	12
9	MP3B	Mz	-.029	12
10	MP3B	Y	-30	72
11	MP3B	My	-.011	72
12	MP3B	Mz	-.029	72
13	MP3C	Y	-30	12
14	MP3C	My	.031	12
15	MP3C	Mz	.005	12
16	MP3C	Y	-30	72
17	MP3C	My	.031	72
18	MP3C	Mz	.005	72
19	MP3A	Y	-30	12
20	MP3A	My	-.02	12
21	MP3A	Mz	-.024	12
22	MP3A	Y	-30	72
23	MP3A	My	-.02	72
24	MP3A	Mz	-.024	72

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
25	MP3B	Y	-30	12
26	MP3B	My	.031	12
27	MP3B	Mz	-.005	12
28	MP3B	Y	-30	72
29	MP3B	My	.031	72
30	MP3B	Mz	-.005	72
31	MP3C	Y	-30	12
32	MP3C	My	-.011	12
33	MP3C	Mz	.029	12
34	MP3C	Y	-30	72
35	MP3C	My	-.011	72
36	MP3C	Mz	.029	72
37	MP4A	Y	-43.55	27
38	MP4A	My	-.022	27
39	MP4A	Mz	0	27
40	MP4A	Y	-43.55	51
41	MP4A	My	-.022	51
42	MP4A	Mz	0	51
43	MP4B	Y	-43.55	27
44	MP4B	My	.011	27
45	MP4B	Mz	-.019	27
46	MP4B	Y	-43.55	51
47	MP4B	My	.011	51
48	MP4B	Mz	-.019	51
49	MP4C	Y	-43.55	27
50	MP4C	My	.011	27
51	MP4C	Mz	.019	27
52	MP4C	Y	-43.55	51
53	MP4C	My	.011	51
54	MP4C	Mz	.019	51
55	M136A	Y	-84.4	12
56	M136A	My	0	12
57	M136A	Mz	0	12
58	M139	Y	-70.3	12
59	M139	My	0	12
60	M139	Mz	0	12
61	MP1A	Y	-8.5	12
62	MP1A	My	-.006	12
63	MP1A	Mz	0	12
64	MP1A	Y	-8.5	72
65	MP1A	My	-.006	72
66	MP1A	Mz	0	72
67	MP1B	Y	-8.5	12
68	MP1B	My	.003	12
69	MP1B	Mz	-.005	12
70	MP1B	Y	-8.5	72
71	MP1B	My	.003	72
72	MP1B	Mz	-.005	72
73	MP1C	Y	-8.5	12
74	MP1C	My	.003	12
75	MP1C	Mz	.005	12
76	MP1C	Y	-8.5	72
77	MP1C	My	.003	72
78	MP1C	Mz	.005	72
79	M130B	Y	-84.4	12
80	M130B	My	0	12
81	M130B	Mz	0	12

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
82	MP5C	Y	-84.4	12
83	MP5C	My	0	12
84	MP5C	Mz	0	12
85	M133A	Y	-70.3	12
86	M133A	My	0	12
87	M133A	Mz	0	12
88	M127A	Y	-70.3	12
89	M127A	My	0	12
90	M127A	Mz	0	12

Member Point Loads (BLC 2 : Antenna Di)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP3A	Y	-77.941	12
2	MP3A	My	-.052	12
3	MP3A	Mz	.063	12
4	MP3A	Y	-77.941	72
5	MP3A	My	-.052	72
6	MP3A	Mz	.063	72
7	MP3B	Y	-77.941	12
8	MP3B	My	-.029	12
9	MP3B	Mz	-.077	12
10	MP3B	Y	-77.941	72
11	MP3B	My	-.029	72
12	MP3B	Mz	-.077	72
13	MP3C	Y	-77.941	12
14	MP3C	My	.081	12
15	MP3C	Mz	.013	12
16	MP3C	Y	-77.941	72
17	MP3C	My	.081	72
18	MP3C	Mz	.013	72
19	MP3A	Y	-77.941	12
20	MP3A	My	-.052	12
21	MP3A	Mz	-.063	12
22	MP3A	Y	-77.941	72
23	MP3A	My	-.052	72
24	MP3A	Mz	-.063	72
25	MP3B	Y	-77.941	12
26	MP3B	My	.081	12
27	MP3B	Mz	-.013	12
28	MP3B	Y	-77.941	72
29	MP3B	My	.081	72
30	MP3B	Mz	-.013	72
31	MP3C	Y	-77.941	12
32	MP3C	My	-.029	12
33	MP3C	Mz	.077	12
34	MP3C	Y	-77.941	72
35	MP3C	My	-.029	72
36	MP3C	Mz	.077	72
37	MP4A	Y	-31.123	27
38	MP4A	My	-.016	27
39	MP4A	Mz	0	27
40	MP4A	Y	-31.123	51
41	MP4A	My	-.016	51
42	MP4A	Mz	0	51
43	MP4B	Y	-31.123	27
44	MP4B	My	.008	27

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
45	MP4B	Mz	-.013	27
46	MP4B	Y	-31.123	51
47	MP4B	My	.008	51
48	MP4B	Mz	-.013	51
49	MP4C	Y	-31.123	27
50	MP4C	My	.008	27
51	MP4C	Mz	.013	27
52	MP4C	Y	-31.123	51
53	MP4C	My	.008	51
54	MP4C	Mz	.013	51
55	M136A	Y	-42.334	12
56	M136A	My	0	12
57	M136A	Mz	0	12
58	M139	Y	-38.056	12
59	M139	My	0	12
60	M139	Mz	0	12
61	MP1A	Y	-48.825	12
62	MP1A	My	-.033	12
63	MP1A	Mz	0	12
64	MP1A	Y	-48.825	72
65	MP1A	My	-.033	72
66	MP1A	Mz	0	72
67	MP1B	Y	-48.825	12
68	MP1B	My	.016	12
69	MP1B	Mz	-.028	12
70	MP1B	Y	-48.825	72
71	MP1B	My	.016	72
72	MP1B	Mz	-.028	72
73	MP1C	Y	-48.825	12
74	MP1C	My	.016	12
75	MP1C	Mz	.028	12
76	MP1C	Y	-48.825	72
77	MP1C	My	.016	72
78	MP1C	Mz	.028	72
79	M130B	Y	-42.334	12
80	M130B	My	0	12
81	M130B	Mz	0	12
82	MP5C	Y	-42.334	12
83	MP5C	My	0	12
84	MP5C	Mz	0	12
85	M133A	Y	-38.056	12
86	M133A	My	0	12
87	M133A	Mz	0	12
88	M127A	Y	-38.056	12
89	M127A	My	0	12
90	M127A	Mz	0	12

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP3A	X	0	12
2	MP3A	Z	-185.578	12
3	MP3A	Mx	-.15	12
4	MP3A	X	0	72
5	MP3A	Z	-185.578	72
6	MP3A	Mx	-.15	72
7	MP3B	X	0	12

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
8	MP3B	Z	-149.872	12
9	MP3B	Mx	.147	12
10	MP3B	X	0	72
11	MP3B	Z	-149.872	72
12	MP3B	Mx	.147	72
13	MP3C	X	0	12
14	MP3C	Z	-149.872	12
15	MP3C	Mx	-.026	12
16	MP3C	X	0	72
17	MP3C	Z	-149.872	72
18	MP3C	Mx	-.026	72
19	MP3A	X	0	12
20	MP3A	Z	-185.578	12
21	MP3A	Mx	.15	12
22	MP3A	X	0	72
23	MP3A	Z	-185.578	72
24	MP3A	Mx	.15	72
25	MP3B	X	0	12
26	MP3B	Z	-149.872	12
27	MP3B	Mx	.026	12
28	MP3B	X	0	72
29	MP3B	Z	-149.872	72
30	MP3B	Mx	.026	72
31	MP3C	X	0	12
32	MP3C	Z	-149.872	12
33	MP3C	Mx	-.147	12
34	MP3C	X	0	72
35	MP3C	Z	-149.872	72
36	MP3C	Mx	-.147	72
37	MP4A	X	0	27
38	MP4A	Z	-80.85	27
39	MP4A	Mx	0	27
40	MP4A	X	0	51
41	MP4A	Z	-80.85	51
42	MP4A	Mx	0	51
43	MP4B	X	0	27
44	MP4B	Z	-43.523	27
45	MP4B	Mx	.019	27
46	MP4B	X	0	51
47	MP4B	Z	-43.523	51
48	MP4B	Mx	.019	51
49	MP4C	X	0	27
50	MP4C	Z	-43.523	27
51	MP4C	Mx	-.019	27
52	MP4C	X	0	51
53	MP4C	Z	-43.523	51
54	MP4C	Mx	-.019	51
55	M136A	X	0	12
56	M136A	Z	-64.492	12
57	M136A	Mx	0	12
58	M139	X	0	12
59	M139	Z	-62.259	12
60	M139	Mx	0	12
61	MP1A	X	0	12
62	MP1A	Z	-142.333	12
63	MP1A	Mx	0	12
64	MP1A	X	0	72

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
65	MP1A	Z	-142.333	72
66	MP1A	Mx	0	72
67	MP1B	X	0	12
68	MP1B	Z	-94.219	12
69	MP1B	Mx	.054	12
70	MP1B	X	0	72
71	MP1B	Z	-94.219	72
72	MP1B	Mx	.054	72
73	MP1C	X	0	12
74	MP1C	Z	-94.219	12
75	MP1C	Mx	-.054	12
76	MP1C	X	0	72
77	MP1C	Z	-94.219	72
78	MP1C	Mx	-.054	72
79	M130B	X	0	12
80	M130B	Z	-64.492	12
81	M130B	Mx	0	12
82	MP5C	X	0	12
83	MP5C	Z	-64.492	12
84	MP5C	Mx	0	12
85	M133A	X	0	12
86	M133A	Z	-62.259	12
87	M133A	Mx	0	12
88	M127A	X	0	12
89	M127A	Z	-62.259	12
90	M127A	Mx	0	12

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP3A	X	86.838	12
2	MP3A	Z	-150.408	12
3	MP3A	Mx	-.179	12
4	MP3A	X	86.838	72
5	MP3A	Z	-150.408	72
6	MP3A	Mx	-.179	72
7	MP3B	X	68.985	12
8	MP3B	Z	-119.485	12
9	MP3B	Mx	.092	12
10	MP3B	X	68.985	72
11	MP3B	Z	-119.485	72
12	MP3B	Mx	.092	72
13	MP3C	X	86.838	12
14	MP3C	Z	-150.408	12
15	MP3C	Mx	.064	12
16	MP3C	X	86.838	72
17	MP3C	Z	-150.408	72
18	MP3C	Mx	.064	72
19	MP3A	X	86.838	12
20	MP3A	Z	-150.408	12
21	MP3A	Mx	.064	12
22	MP3A	X	86.838	72
23	MP3A	Z	-150.408	72
24	MP3A	Mx	.064	72
25	MP3B	X	68.985	12
26	MP3B	Z	-119.485	12
27	MP3B	Mx	.092	12

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
28	MP3B	X	68.985	72
29	MP3B	Z	-119.485	72
30	MP3B	Mx	.092	72
31	MP3C	X	86.838	12
32	MP3C	Z	-150.408	12
33	MP3C	Mx	-.179	12
34	MP3C	X	86.838	72
35	MP3C	Z	-150.408	72
36	MP3C	Mx	-.179	72
37	MP4A	X	34.204	27
38	MP4A	Z	-59.243	27
39	MP4A	Mx	-.017	27
40	MP4A	X	34.204	51
41	MP4A	Z	-59.243	51
42	MP4A	Mx	-.017	51
43	MP4B	X	15.541	27
44	MP4B	Z	-26.917	27
45	MP4B	Mx	.016	27
46	MP4B	X	15.541	51
47	MP4B	Z	-26.917	51
48	MP4B	Mx	.016	51
49	MP4C	X	34.204	27
50	MP4C	Z	-59.243	27
51	MP4C	Mx	-.017	27
52	MP4C	X	34.204	51
53	MP4C	Z	-59.243	51
54	MP4C	Mx	-.017	51
55	M136A	X	26.417	12
56	M136A	Z	-45.756	12
57	M136A	Mx	0	12
58	M139	X	23.068	12
59	M139	Z	-39.955	12
60	M139	Mx	0	12
61	MP1A	X	63.148	12
62	MP1A	Z	-109.375	12
63	MP1A	Mx	-.042	12
64	MP1A	X	63.148	72
65	MP1A	Z	-109.375	72
66	MP1A	Mx	-.042	72
67	MP1B	X	39.091	12
68	MP1B	Z	-67.707	12
69	MP1B	Mx	.052	12
70	MP1B	X	39.091	72
71	MP1B	Z	-67.707	72
72	MP1B	Mx	.052	72
73	MP1C	X	63.148	12
74	MP1C	Z	-109.375	12
75	MP1C	Mx	-.042	12
76	MP1C	X	63.148	72
77	MP1C	Z	-109.375	72
78	MP1C	Mx	-.042	72
79	M130B	X	26.417	12
80	M130B	Z	-45.756	12
81	M130B	Mx	0	12
82	MP5C	X	26.417	12
83	MP5C	Z	-45.756	12
84	MP5C	Mx	0	12

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
85	M133A	X	23.068	12
86	M133A	Z	-39.955	12
87	M133A	Mx	0	12
88	M127A	X	23.068	12
89	M127A	Z	-39.955	12
90	M127A	Mx	0	12

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP3A	X	129.793	12
2	MP3A	Z	-74.936	12
3	MP3A	Mx	-.147	12
4	MP3A	X	129.793	72
5	MP3A	Z	-74.936	72
6	MP3A	Mx	-.147	72
7	MP3B	X	129.793	12
8	MP3B	Z	-74.936	12
9	MP3B	Mx	.026	12
10	MP3B	X	129.793	72
11	MP3B	Z	-74.936	72
12	MP3B	Mx	.026	72
13	MP3C	X	160.715	12
14	MP3C	Z	-92.789	12
15	MP3C	Mx	.15	12
16	MP3C	X	160.715	72
17	MP3C	Z	-92.789	72
18	MP3C	Mx	.15	72
19	MP3A	X	129.793	12
20	MP3A	Z	-74.936	12
21	MP3A	Mx	-.026	12
22	MP3A	X	129.793	72
23	MP3A	Z	-74.936	72
24	MP3A	Mx	-.026	72
25	MP3B	X	129.793	12
26	MP3B	Z	-74.936	12
27	MP3B	Mx	.147	12
28	MP3B	X	129.793	72
29	MP3B	Z	-74.936	72
30	MP3B	Mx	.147	72
31	MP3C	X	160.715	12
32	MP3C	Z	-92.789	12
33	MP3C	Mx	-.15	12
34	MP3C	X	160.715	72
35	MP3C	Z	-92.789	72
36	MP3C	Mx	-.15	72
37	MP4A	X	37.692	27
38	MP4A	Z	-21.762	27
39	MP4A	Mx	-.019	27
40	MP4A	X	37.692	51
41	MP4A	Z	-21.762	51
42	MP4A	Mx	-.019	51
43	MP4B	X	37.692	27
44	MP4B	Z	-21.762	27
45	MP4B	Mx	.019	27
46	MP4B	X	37.692	51
47	MP4B	Z	-21.762	51

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
48	MP4B	Mx	.019	51
49	MP4C	X	70.018	27
50	MP4C	Z	-40.425	27
51	MP4C	Mx	0	27
52	MP4C	X	70.018	51
53	MP4C	Z	-40.425	51
54	MP4C	Mx	0	51
55	M136A	X	40.708	12
56	M136A	Z	-23.503	12
57	M136A	Mx	0	12
58	M139	X	32.973	12
59	M139	Z	-19.037	12
60	M139	Mx	0	12
61	MP1A	X	81.596	12
62	MP1A	Z	-47.11	12
63	MP1A	Mx	-.054	12
64	MP1A	X	81.596	72
65	MP1A	Z	-47.11	72
66	MP1A	Mx	-.054	72
67	MP1B	X	81.596	12
68	MP1B	Z	-47.11	12
69	MP1B	Mx	.054	12
70	MP1B	X	81.596	72
71	MP1B	Z	-47.11	72
72	MP1B	Mx	.054	72
73	MP1C	X	123.264	12
74	MP1C	Z	-71.166	12
75	MP1C	Mx	0	12
76	MP1C	X	123.264	72
77	MP1C	Z	-71.166	72
78	MP1C	Mx	0	72
79	M130B	X	40.708	12
80	M130B	Z	-23.503	12
81	M130B	Mx	0	12
82	MP5C	X	40.708	12
83	MP5C	Z	-23.503	12
84	MP5C	Mx	0	12
85	M133A	X	32.973	12
86	M133A	Z	-19.037	12
87	M133A	Mx	0	12
88	M127A	X	32.973	12
89	M127A	Z	-19.037	12
90	M127A	Mx	0	12

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP3A	X	137.97	12
2	MP3A	Z	0	12
3	MP3A	Mx	-.092	12
4	MP3A	X	137.97	72
5	MP3A	Z	0	72
6	MP3A	Mx	-.092	72
7	MP3B	X	173.676	12
8	MP3B	Z	0	12
9	MP3B	Mx	-.064	12
10	MP3B	X	173.676	72

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
11	MP3B	Z	0	72
12	MP3B	Mx	-.064	72
13	MP3C	X	173.676	12
14	MP3C	Z	0	12
15	MP3C	Mx	.179	12
16	MP3C	X	173.676	72
17	MP3C	Z	0	72
18	MP3C	Mx	.179	72
19	MP3A	X	137.97	12
20	MP3A	Z	0	12
21	MP3A	Mx	-.092	12
22	MP3A	X	137.97	72
23	MP3A	Z	0	72
24	MP3A	Mx	-.092	72
25	MP3B	X	173.676	12
26	MP3B	Z	0	12
27	MP3B	Mx	.179	12
28	MP3B	X	173.676	72
29	MP3B	Z	0	72
30	MP3B	Mx	.179	72
31	MP3C	X	173.676	12
32	MP3C	Z	0	12
33	MP3C	Mx	-.064	12
34	MP3C	X	173.676	72
35	MP3C	Z	0	72
36	MP3C	Mx	-.064	72
37	MP4A	X	31.081	27
38	MP4A	Z	0	27
39	MP4A	Mx	-.016	27
40	MP4A	X	31.081	51
41	MP4A	Z	0	51
42	MP4A	Mx	-.016	51
43	MP4B	X	68.407	27
44	MP4B	Z	0	27
45	MP4B	Mx	.017	27
46	MP4B	X	68.407	51
47	MP4B	Z	0	51
48	MP4B	Mx	.017	51
49	MP4C	X	68.407	27
50	MP4C	Z	0	27
51	MP4C	Mx	.017	27
52	MP4C	X	68.407	51
53	MP4C	Z	0	51
54	MP4C	Mx	.017	51
55	M136A	X	52.834	12
56	M136A	Z	0	12
57	M136A	Mx	0	12
58	M139	X	46.136	12
59	M139	Z	0	12
60	M139	Mx	0	12
61	MP1A	X	78.182	12
62	MP1A	Z	0	12
63	MP1A	Mx	-.052	12
64	MP1A	X	78.182	72
65	MP1A	Z	0	72
66	MP1A	Mx	-.052	72
67	MP1B	X	126.295	12

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
68	MP1B	Z	0	12
69	MP1B	Mx	.042	12
70	MP1B	X	126.295	72
71	MP1B	Z	0	72
72	MP1B	Mx	.042	72
73	MP1C	X	126.295	12
74	MP1C	Z	0	12
75	MP1C	Mx	.042	12
76	MP1C	X	126.295	72
77	MP1C	Z	0	72
78	MP1C	Mx	.042	72
79	M130B	X	52.834	12
80	M130B	Z	0	12
81	M130B	Mx	0	12
82	MP5C	X	52.834	12
83	MP5C	Z	0	12
84	MP5C	Mx	0	12
85	M133A	X	46.136	12
86	M133A	Z	0	12
87	M133A	Mx	0	12
88	M127A	X	46.136	12
89	M127A	Z	0	12
90	M127A	Mx	0	12

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP3A	X	129.793	12
2	MP3A	Z	74.936	12
3	MP3A	Mx	-.026	12
4	MP3A	X	129.793	72
5	MP3A	Z	74.936	72
6	MP3A	Mx	-.026	72
7	MP3B	X	160.715	12
8	MP3B	Z	92.789	12
9	MP3B	Mx	-.15	12
10	MP3B	X	160.715	72
11	MP3B	Z	92.789	72
12	MP3B	Mx	-.15	72
13	MP3C	X	129.793	12
14	MP3C	Z	74.936	12
15	MP3C	Mx	.147	12
16	MP3C	X	129.793	72
17	MP3C	Z	74.936	72
18	MP3C	Mx	.147	72
19	MP3A	X	129.793	12
20	MP3A	Z	74.936	12
21	MP3A	Mx	-.147	12
22	MP3A	X	129.793	72
23	MP3A	Z	74.936	72
24	MP3A	Mx	-.147	72
25	MP3B	X	160.715	12
26	MP3B	Z	92.789	12
27	MP3B	Mx	.15	12
28	MP3B	X	160.715	72
29	MP3B	Z	92.789	72
30	MP3B	Mx	.15	72

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
31	MP3C	X	129.793	12
32	MP3C	Z	74.936	12
33	MP3C	Mx	.026	12
34	MP3C	X	129.793	72
35	MP3C	Z	74.936	72
36	MP3C	Mx	.026	72
37	MP4A	X	37.692	27
38	MP4A	Z	21.762	27
39	MP4A	Mx	-.019	27
40	MP4A	X	37.692	51
41	MP4A	Z	21.762	51
42	MP4A	Mx	-.019	51
43	MP4B	X	70.018	27
44	MP4B	Z	40.425	27
45	MP4B	Mx	0	27
46	MP4B	X	70.018	51
47	MP4B	Z	40.425	51
48	MP4B	Mx	0	51
49	MP4C	X	37.692	27
50	MP4C	Z	21.762	27
51	MP4C	Mx	.019	27
52	MP4C	X	37.692	51
53	MP4C	Z	21.762	51
54	MP4C	Mx	.019	51
55	M136A	X	55.851	12
56	M136A	Z	32.246	12
57	M136A	Mx	0	12
58	M139	X	53.918	12
59	M139	Z	31.129	12
60	M139	Mx	0	12
61	MP1A	X	81.596	12
62	MP1A	Z	47.11	12
63	MP1A	Mx	-.054	12
64	MP1A	X	81.596	72
65	MP1A	Z	47.11	72
66	MP1A	Mx	-.054	72
67	MP1B	X	123.264	12
68	MP1B	Z	71.166	12
69	MP1B	Mx	0	12
70	MP1B	X	123.264	72
71	MP1B	Z	71.166	72
72	MP1B	Mx	0	72
73	MP1C	X	81.596	12
74	MP1C	Z	47.11	12
75	MP1C	Mx	.054	12
76	MP1C	X	81.596	72
77	MP1C	Z	47.11	72
78	MP1C	Mx	.054	72
79	M130B	X	55.851	12
80	M130B	Z	32.246	12
81	M130B	Mx	0	12
82	MP5C	X	55.851	12
83	MP5C	Z	32.246	12
84	MP5C	Mx	0	12
85	M133A	X	53.918	12
86	M133A	Z	31.129	12
87	M133A	Mx	0	12

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
88	M127A	X	53.918	12
89	M127A	Z	31.129	12
90	M127A	Mx	0	12

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP3A	X	86.838	12
2	MP3A	Z	150.408	12
3	MP3A	Mx	.064	12
4	MP3A	X	86.838	72
5	MP3A	Z	150.408	72
6	MP3A	Mx	.064	72
7	MP3B	X	86.838	12
8	MP3B	Z	150.408	12
9	MP3B	Mx	-.179	12
10	MP3B	X	86.838	72
11	MP3B	Z	150.408	72
12	MP3B	Mx	-.179	72
13	MP3C	X	68.985	12
14	MP3C	Z	119.485	12
15	MP3C	Mx	.092	12
16	MP3C	X	68.985	72
17	MP3C	Z	119.485	72
18	MP3C	Mx	.092	72
19	MP3A	X	86.838	12
20	MP3A	Z	150.408	12
21	MP3A	Mx	-.179	12
22	MP3A	X	86.838	72
23	MP3A	Z	150.408	72
24	MP3A	Mx	-.179	72
25	MP3B	X	86.838	12
26	MP3B	Z	150.408	12
27	MP3B	Mx	.064	12
28	MP3B	X	86.838	72
29	MP3B	Z	150.408	72
30	MP3B	Mx	.064	72
31	MP3C	X	68.985	12
32	MP3C	Z	119.485	12
33	MP3C	Mx	.092	12
34	MP3C	X	68.985	72
35	MP3C	Z	119.485	72
36	MP3C	Mx	.092	72
37	MP4A	X	34.204	27
38	MP4A	Z	59.243	27
39	MP4A	Mx	-.017	27
40	MP4A	X	34.204	51
41	MP4A	Z	59.243	51
42	MP4A	Mx	-.017	51
43	MP4B	X	34.204	27
44	MP4B	Z	59.243	27
45	MP4B	Mx	-.017	27
46	MP4B	X	34.204	51
47	MP4B	Z	59.243	51
48	MP4B	Mx	-.017	51
49	MP4C	X	15.541	27
50	MP4C	Z	26.917	27

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
51	MP4C	Mx	.016	27
52	MP4C	X	15.541	51
53	MP4C	Z	26.917	51
54	MP4C	Mx	.016	51
55	M136A	X	35.16	12
56	M136A	Z	60.899	12
57	M136A	Mx	0	12
58	M139	X	35.16	12
59	M139	Z	60.899	12
60	M139	Mx	0	12
61	MP1A	X	63.148	12
62	MP1A	Z	109.375	12
63	MP1A	Mx	-.042	12
64	MP1A	X	63.148	72
65	MP1A	Z	109.375	72
66	MP1A	Mx	-.042	72
67	MP1B	X	63.148	12
68	MP1B	Z	109.375	12
69	MP1B	Mx	-.042	12
70	MP1B	X	63.148	72
71	MP1B	Z	109.375	72
72	MP1B	Mx	-.042	72
73	MP1C	X	39.091	12
74	MP1C	Z	67.707	12
75	MP1C	Mx	.052	12
76	MP1C	X	39.091	72
77	MP1C	Z	67.707	72
78	MP1C	Mx	.052	72
79	M130B	X	35.16	12
80	M130B	Z	60.899	12
81	M130B	Mx	0	12
82	MP5C	X	35.16	12
83	MP5C	Z	60.899	12
84	MP5C	Mx	0	12
85	M133A	X	35.16	12
86	M133A	Z	60.899	12
87	M133A	Mx	0	12
88	M127A	X	35.16	12
89	M127A	Z	60.899	12
90	M127A	Mx	0	12

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP3A	X	0	12
2	MP3A	Z	185.578	12
3	MP3A	Mx	.15	12
4	MP3A	X	0	72
5	MP3A	Z	185.578	72
6	MP3A	Mx	.15	72
7	MP3B	X	0	12
8	MP3B	Z	149.872	12
9	MP3B	Mx	-.147	12
10	MP3B	X	0	72
11	MP3B	Z	149.872	72
12	MP3B	Mx	-.147	72
13	MP3C	X	0	12

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
14	MP3C	Z	149.872	12
15	MP3C	Mx	.026	12
16	MP3C	X	0	72
17	MP3C	Z	149.872	72
18	MP3C	Mx	.026	72
19	MP3A	X	0	12
20	MP3A	Z	185.578	12
21	MP3A	Mx	-.15	12
22	MP3A	X	0	72
23	MP3A	Z	185.578	72
24	MP3A	Mx	-.15	72
25	MP3B	X	0	12
26	MP3B	Z	149.872	12
27	MP3B	Mx	-.026	12
28	MP3B	X	0	72
29	MP3B	Z	149.872	72
30	MP3B	Mx	-.026	72
31	MP3C	X	0	12
32	MP3C	Z	149.872	12
33	MP3C	Mx	.147	12
34	MP3C	X	0	72
35	MP3C	Z	149.872	72
36	MP3C	Mx	.147	72
37	MP4A	X	0	27
38	MP4A	Z	80.85	27
39	MP4A	Mx	0	27
40	MP4A	X	0	51
41	MP4A	Z	80.85	51
42	MP4A	Mx	0	51
43	MP4B	X	0	27
44	MP4B	Z	43.523	27
45	MP4B	Mx	-.019	27
46	MP4B	X	0	51
47	MP4B	Z	43.523	51
48	MP4B	Mx	-.019	51
49	MP4C	X	0	27
50	MP4C	Z	43.523	27
51	MP4C	Mx	.019	27
52	MP4C	X	0	51
53	MP4C	Z	43.523	51
54	MP4C	Mx	.019	51
55	M136A	X	0	12
56	M136A	Z	64.492	12
57	M136A	Mx	0	12
58	M139	X	0	12
59	M139	Z	62.259	12
60	M139	Mx	0	12
61	MP1A	X	0	12
62	MP1A	Z	142.333	12
63	MP1A	Mx	0	12
64	MP1A	X	0	72
65	MP1A	Z	142.333	72
66	MP1A	Mx	0	72
67	MP1B	X	0	12
68	MP1B	Z	94.219	12
69	MP1B	Mx	-.054	12
70	MP1B	X	0	72

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
71	MP1B	Z	94.219	72
72	MP1B	Mx	-.054	72
73	MP1C	X	0	12
74	MP1C	Z	94.219	12
75	MP1C	Mx	.054	12
76	MP1C	X	0	72
77	MP1C	Z	94.219	72
78	MP1C	Mx	.054	72
79	M130B	X	0	12
80	M130B	Z	64.492	12
81	M130B	Mx	0	12
82	MP5C	X	0	12
83	MP5C	Z	64.492	12
84	MP5C	Mx	0	12
85	M133A	X	0	12
86	M133A	Z	62.259	12
87	M133A	Mx	0	12
88	M127A	X	0	12
89	M127A	Z	62.259	12
90	M127A	Mx	0	12

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP3A	X	-86.838	12
2	MP3A	Z	150.408	12
3	MP3A	Mx	.179	12
4	MP3A	X	-86.838	72
5	MP3A	Z	150.408	72
6	MP3A	Mx	.179	72
7	MP3B	X	-68.985	12
8	MP3B	Z	119.485	12
9	MP3B	Mx	-.092	12
10	MP3B	X	-68.985	72
11	MP3B	Z	119.485	72
12	MP3B	Mx	-.092	72
13	MP3C	X	-86.838	12
14	MP3C	Z	150.408	12
15	MP3C	Mx	-.064	12
16	MP3C	X	-86.838	72
17	MP3C	Z	150.408	72
18	MP3C	Mx	-.064	72
19	MP3A	X	-86.838	12
20	MP3A	Z	150.408	12
21	MP3A	Mx	-.064	12
22	MP3A	X	-86.838	72
23	MP3A	Z	150.408	72
24	MP3A	Mx	-.064	72
25	MP3B	X	-68.985	12
26	MP3B	Z	119.485	12
27	MP3B	Mx	-.092	12
28	MP3B	X	-68.985	72
29	MP3B	Z	119.485	72
30	MP3B	Mx	-.092	72
31	MP3C	X	-86.838	12
32	MP3C	Z	150.408	12
33	MP3C	Mx	.179	12

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
34	MP3C	X	-86.838	72
35	MP3C	Z	150.408	72
36	MP3C	Mx	.179	72
37	MP4A	X	-34.204	27
38	MP4A	Z	59.243	27
39	MP4A	Mx	.017	27
40	MP4A	X	-34.204	51
41	MP4A	Z	59.243	51
42	MP4A	Mx	.017	51
43	MP4B	X	-15.541	27
44	MP4B	Z	26.917	27
45	MP4B	Mx	-.016	27
46	MP4B	X	-15.541	51
47	MP4B	Z	26.917	51
48	MP4B	Mx	-.016	51
49	MP4C	X	-34.204	27
50	MP4C	Z	59.243	27
51	MP4C	Mx	.017	27
52	MP4C	X	-34.204	51
53	MP4C	Z	59.243	51
54	MP4C	Mx	.017	51
55	M136A	X	-26.417	12
56	M136A	Z	45.756	12
57	M136A	Mx	0	12
58	M139	X	-23.068	12
59	M139	Z	39.955	12
60	M139	Mx	0	12
61	MP1A	X	-63.148	12
62	MP1A	Z	109.375	12
63	MP1A	Mx	.042	12
64	MP1A	X	-63.148	72
65	MP1A	Z	109.375	72
66	MP1A	Mx	.042	72
67	MP1B	X	-39.091	12
68	MP1B	Z	67.707	12
69	MP1B	Mx	-.052	12
70	MP1B	X	-39.091	72
71	MP1B	Z	67.707	72
72	MP1B	Mx	-.052	72
73	MP1C	X	-63.148	12
74	MP1C	Z	109.375	12
75	MP1C	Mx	.042	12
76	MP1C	X	-63.148	72
77	MP1C	Z	109.375	72
78	MP1C	Mx	.042	72
79	M130B	X	-26.417	12
80	M130B	Z	45.756	12
81	M130B	Mx	0	12
82	MP5C	X	-26.417	12
83	MP5C	Z	45.756	12
84	MP5C	Mx	0	12
85	M133A	X	-23.068	12
86	M133A	Z	39.955	12
87	M133A	Mx	0	12
88	M127A	X	-23.068	12
89	M127A	Z	39.955	12
90	M127A	Mx	0	12

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP3A	X	-129.793	12
2	MP3A	Z	74.936	12
3	MP3A	Mx	.147	12
4	MP3A	X	-129.793	72
5	MP3A	Z	74.936	72
6	MP3A	Mx	.147	72
7	MP3B	X	-129.793	12
8	MP3B	Z	74.936	12
9	MP3B	Mx	-.026	12
10	MP3B	X	-129.793	72
11	MP3B	Z	74.936	72
12	MP3B	Mx	-.026	72
13	MP3C	X	-160.715	12
14	MP3C	Z	92.789	12
15	MP3C	Mx	-.15	12
16	MP3C	X	-160.715	72
17	MP3C	Z	92.789	72
18	MP3C	Mx	-.15	72
19	MP3A	X	-129.793	12
20	MP3A	Z	74.936	12
21	MP3A	Mx	.026	12
22	MP3A	X	-129.793	72
23	MP3A	Z	74.936	72
24	MP3A	Mx	.026	72
25	MP3B	X	-129.793	12
26	MP3B	Z	74.936	12
27	MP3B	Mx	-.147	12
28	MP3B	X	-129.793	72
29	MP3B	Z	74.936	72
30	MP3B	Mx	-.147	72
31	MP3C	X	-160.715	12
32	MP3C	Z	92.789	12
33	MP3C	Mx	.15	12
34	MP3C	X	-160.715	72
35	MP3C	Z	92.789	72
36	MP3C	Mx	.15	72
37	MP4A	X	-37.692	27
38	MP4A	Z	21.762	27
39	MP4A	Mx	.019	27
40	MP4A	X	-37.692	51
41	MP4A	Z	21.762	51
42	MP4A	Mx	.019	51
43	MP4B	X	-37.692	27
44	MP4B	Z	21.762	27
45	MP4B	Mx	-.019	27
46	MP4B	X	-37.692	51
47	MP4B	Z	21.762	51
48	MP4B	Mx	-.019	51
49	MP4C	X	-70.018	27
50	MP4C	Z	40.425	27
51	MP4C	Mx	0	27
52	MP4C	X	-70.018	51
53	MP4C	Z	40.425	51
54	MP4C	Mx	0	51
55	M136A	X	-40.708	12
56	M136A	Z	23.503	12
57	M136A	Mx	0	12

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
58	M139	X	-32.973	12
59	M139	Z	19.037	12
60	M139	Mx	0	12
61	MP1A	X	-81.596	12
62	MP1A	Z	47.11	12
63	MP1A	Mx	.054	12
64	MP1A	X	-81.596	72
65	MP1A	Z	47.11	72
66	MP1A	Mx	.054	72
67	MP1B	X	-81.596	12
68	MP1B	Z	47.11	12
69	MP1B	Mx	-.054	12
70	MP1B	X	-81.596	72
71	MP1B	Z	47.11	72
72	MP1B	Mx	-.054	72
73	MP1C	X	-123.264	12
74	MP1C	Z	71.166	12
75	MP1C	Mx	0	12
76	MP1C	X	-123.264	72
77	MP1C	Z	71.166	72
78	MP1C	Mx	0	72
79	M130B	X	-40.708	12
80	M130B	Z	23.503	12
81	M130B	Mx	0	12
82	MP5C	X	-40.708	12
83	MP5C	Z	23.503	12
84	MP5C	Mx	0	12
85	M133A	X	-32.973	12
86	M133A	Z	19.037	12
87	M133A	Mx	0	12
88	M127A	X	-32.973	12
89	M127A	Z	19.037	12
90	M127A	Mx	0	12

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP3A	X	-137.97	12
2	MP3A	Z	0	12
3	MP3A	Mx	.092	12
4	MP3A	X	-137.97	72
5	MP3A	Z	0	72
6	MP3A	Mx	.092	72
7	MP3B	X	-173.676	12
8	MP3B	Z	0	12
9	MP3B	Mx	.064	12
10	MP3B	X	-173.676	72
11	MP3B	Z	0	72
12	MP3B	Mx	.064	72
13	MP3C	X	-173.676	12
14	MP3C	Z	0	12
15	MP3C	Mx	-.179	12
16	MP3C	X	-173.676	72
17	MP3C	Z	0	72
18	MP3C	Mx	-.179	72
19	MP3A	X	-137.97	12
20	MP3A	Z	0	12

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
21	MP3A	Mx	.092	12
22	MP3A	X	-137.97	72
23	MP3A	Z	0	72
24	MP3A	Mx	.092	72
25	MP3B	X	-173.676	12
26	MP3B	Z	0	12
27	MP3B	Mx	-.179	12
28	MP3B	X	-173.676	72
29	MP3B	Z	0	72
30	MP3B	Mx	-.179	72
31	MP3C	X	-173.676	12
32	MP3C	Z	0	12
33	MP3C	Mx	.064	12
34	MP3C	X	-173.676	72
35	MP3C	Z	0	72
36	MP3C	Mx	.064	72
37	MP4A	X	-31.081	27
38	MP4A	Z	0	27
39	MP4A	Mx	.016	27
40	MP4A	X	-31.081	51
41	MP4A	Z	0	51
42	MP4A	Mx	.016	51
43	MP4B	X	-68.407	27
44	MP4B	Z	0	27
45	MP4B	Mx	-.017	27
46	MP4B	X	-68.407	51
47	MP4B	Z	0	51
48	MP4B	Mx	-.017	51
49	MP4C	X	-68.407	27
50	MP4C	Z	0	27
51	MP4C	Mx	-.017	27
52	MP4C	X	-68.407	51
53	MP4C	Z	0	51
54	MP4C	Mx	-.017	51
55	M136A	X	-52.834	12
56	M136A	Z	0	12
57	M136A	Mx	0	12
58	M139	X	-46.136	12
59	M139	Z	0	12
60	M139	Mx	0	12
61	MP1A	X	-78.182	12
62	MP1A	Z	0	12
63	MP1A	Mx	.052	12
64	MP1A	X	-78.182	72
65	MP1A	Z	0	72
66	MP1A	Mx	.052	72
67	MP1B	X	-126.295	12
68	MP1B	Z	0	12
69	MP1B	Mx	-.042	12
70	MP1B	X	-126.295	72
71	MP1B	Z	0	72
72	MP1B	Mx	-.042	72
73	MP1C	X	-126.295	12
74	MP1C	Z	0	12
75	MP1C	Mx	-.042	12
76	MP1C	X	-126.295	72
77	MP1C	Z	0	72

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
78	MP1C	Mx	-.042	72
79	M130B	X	-52.834	12
80	M130B	Z	0	12
81	M130B	Mx	0	12
82	MP5C	X	-52.834	12
83	MP5C	Z	0	12
84	MP5C	Mx	0	12
85	M133A	X	-46.136	12
86	M133A	Z	0	12
87	M133A	Mx	0	12
88	M127A	X	-46.136	12
89	M127A	Z	0	12
90	M127A	Mx	0	12

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP3A	X	-129.793	12
2	MP3A	Z	-74.936	12
3	MP3A	Mx	.026	12
4	MP3A	X	-129.793	72
5	MP3A	Z	-74.936	72
6	MP3A	Mx	.026	72
7	MP3B	X	-160.715	12
8	MP3B	Z	-92.789	12
9	MP3B	Mx	.15	12
10	MP3B	X	-160.715	72
11	MP3B	Z	-92.789	72
12	MP3B	Mx	.15	72
13	MP3C	X	-129.793	12
14	MP3C	Z	-74.936	12
15	MP3C	Mx	-.147	12
16	MP3C	X	-129.793	72
17	MP3C	Z	-74.936	72
18	MP3C	Mx	-.147	72
19	MP3A	X	-129.793	12
20	MP3A	Z	-74.936	12
21	MP3A	Mx	.147	12
22	MP3A	X	-129.793	72
23	MP3A	Z	-74.936	72
24	MP3A	Mx	.147	72
25	MP3B	X	-160.715	12
26	MP3B	Z	-92.789	12
27	MP3B	Mx	-.15	12
28	MP3B	X	-160.715	72
29	MP3B	Z	-92.789	72
30	MP3B	Mx	-.15	72
31	MP3C	X	-129.793	12
32	MP3C	Z	-74.936	12
33	MP3C	Mx	-.026	12
34	MP3C	X	-129.793	72
35	MP3C	Z	-74.936	72
36	MP3C	Mx	-.026	72
37	MP4A	X	-37.692	27
38	MP4A	Z	-21.762	27
39	MP4A	Mx	.019	27
40	MP4A	X	-37.692	51

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
41	MP4A	Z	-21.762	51
42	MP4A	Mx	.019	51
43	MP4B	X	-70.018	27
44	MP4B	Z	-40.425	27
45	MP4B	Mx	0	27
46	MP4B	X	-70.018	51
47	MP4B	Z	-40.425	51
48	MP4B	Mx	0	51
49	MP4C	X	-37.692	27
50	MP4C	Z	-21.762	27
51	MP4C	Mx	-.019	27
52	MP4C	X	-37.692	51
53	MP4C	Z	-21.762	51
54	MP4C	Mx	-.019	51
55	M136A	X	-55.851	12
56	M136A	Z	-32.246	12
57	M136A	Mx	0	12
58	M139	X	-53.918	12
59	M139	Z	-31.129	12
60	M139	Mx	0	12
61	MP1A	X	-81.596	12
62	MP1A	Z	-47.11	12
63	MP1A	Mx	.054	12
64	MP1A	X	-81.596	72
65	MP1A	Z	-47.11	72
66	MP1A	Mx	.054	72
67	MP1B	X	-123.264	12
68	MP1B	Z	-71.166	12
69	MP1B	Mx	0	12
70	MP1B	X	-123.264	72
71	MP1B	Z	-71.166	72
72	MP1B	Mx	0	72
73	MP1C	X	-81.596	12
74	MP1C	Z	-47.11	12
75	MP1C	Mx	-.054	12
76	MP1C	X	-81.596	72
77	MP1C	Z	-47.11	72
78	MP1C	Mx	-.054	72
79	M130B	X	-55.851	12
80	M130B	Z	-32.246	12
81	M130B	Mx	0	12
82	MP5C	X	-55.851	12
83	MP5C	Z	-32.246	12
84	MP5C	Mx	0	12
85	M133A	X	-53.918	12
86	M133A	Z	-31.129	12
87	M133A	Mx	0	12
88	M127A	X	-53.918	12
89	M127A	Z	-31.129	12
90	M127A	Mx	0	12

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP3A	X	-86.838	12
2	MP3A	Z	-150.408	12
3	MP3A	Mx	-.064	12

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
4	MP3A	X	-86.838	72
5	MP3A	Z	-150.408	72
6	MP3A	Mx	-.064	72
7	MP3B	X	-86.838	12
8	MP3B	Z	-150.408	12
9	MP3B	Mx	.179	12
10	MP3B	X	-86.838	72
11	MP3B	Z	-150.408	72
12	MP3B	Mx	.179	72
13	MP3C	X	-68.985	12
14	MP3C	Z	-119.485	12
15	MP3C	Mx	-.092	12
16	MP3C	X	-68.985	72
17	MP3C	Z	-119.485	72
18	MP3C	Mx	-.092	72
19	MP3A	X	-86.838	12
20	MP3A	Z	-150.408	12
21	MP3A	Mx	.179	12
22	MP3A	X	-86.838	72
23	MP3A	Z	-150.408	72
24	MP3A	Mx	.179	72
25	MP3B	X	-86.838	12
26	MP3B	Z	-150.408	12
27	MP3B	Mx	-.064	12
28	MP3B	X	-86.838	72
29	MP3B	Z	-150.408	72
30	MP3B	Mx	-.064	72
31	MP3C	X	-68.985	12
32	MP3C	Z	-119.485	12
33	MP3C	Mx	-.092	12
34	MP3C	X	-68.985	72
35	MP3C	Z	-119.485	72
36	MP3C	Mx	-.092	72
37	MP4A	X	-34.204	27
38	MP4A	Z	-59.243	27
39	MP4A	Mx	.017	27
40	MP4A	X	-34.204	51
41	MP4A	Z	-59.243	51
42	MP4A	Mx	.017	51
43	MP4B	X	-34.204	27
44	MP4B	Z	-59.243	27
45	MP4B	Mx	.017	27
46	MP4B	X	-34.204	51
47	MP4B	Z	-59.243	51
48	MP4B	Mx	.017	51
49	MP4C	X	-15.541	27
50	MP4C	Z	-26.917	27
51	MP4C	Mx	-.016	27
52	MP4C	X	-15.541	51
53	MP4C	Z	-26.917	51
54	MP4C	Mx	-.016	51
55	M136A	X	-35.16	12
56	M136A	Z	-60.899	12
57	M136A	Mx	0	12
58	M139	X	-35.16	12
59	M139	Z	-60.899	12
60	M139	Mx	0	12

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
61	MP1A	X	-63.148	12
62	MP1A	Z	-109.375	12
63	MP1A	Mx	.042	12
64	MP1A	X	-63.148	72
65	MP1A	Z	-109.375	72
66	MP1A	Mx	.042	72
67	MP1B	X	-63.148	12
68	MP1B	Z	-109.375	12
69	MP1B	Mx	.042	12
70	MP1B	X	-63.148	72
71	MP1B	Z	-109.375	72
72	MP1B	Mx	.042	72
73	MP1C	X	-39.091	12
74	MP1C	Z	-67.707	12
75	MP1C	Mx	-.052	12
76	MP1C	X	-39.091	72
77	MP1C	Z	-67.707	72
78	MP1C	Mx	-.052	72
79	M130B	X	-35.16	12
80	M130B	Z	-60.899	12
81	M130B	Mx	0	12
82	MP5C	X	-35.16	12
83	MP5C	Z	-60.899	12
84	MP5C	Mx	0	12
85	M133A	X	-35.16	12
86	M133A	Z	-60.899	12
87	M133A	Mx	0	12
88	M127A	X	-35.16	12
89	M127A	Z	-60.899	12
90	M127A	Mx	0	12

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP3A	X	0	12
2	MP3A	Z	-35.57	12
3	MP3A	Mx	-.029	12
4	MP3A	X	0	72
5	MP3A	Z	-35.57	72
6	MP3A	Mx	-.029	72
7	MP3B	X	0	12
8	MP3B	Z	-29.055	12
9	MP3B	Mx	.029	12
10	MP3B	X	0	72
11	MP3B	Z	-29.055	72
12	MP3B	Mx	.029	72
13	MP3C	X	0	12
14	MP3C	Z	-29.055	12
15	MP3C	Mx	-.005	12
16	MP3C	X	0	72
17	MP3C	Z	-29.055	72
18	MP3C	Mx	-.005	72
19	MP3A	X	0	12
20	MP3A	Z	-35.57	12
21	MP3A	Mx	.029	12
22	MP3A	X	0	72
23	MP3A	Z	-35.57	72

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
24	MP3A	Mx	.029	72
25	MP3B	X	0	12
26	MP3B	Z	-29.055	12
27	MP3B	Mx	.005	12
28	MP3B	X	0	72
29	MP3B	Z	-29.055	72
30	MP3B	Mx	.005	72
31	MP3C	X	0	12
32	MP3C	Z	-29.055	12
33	MP3C	Mx	-.029	12
34	MP3C	X	0	72
35	MP3C	Z	-29.055	72
36	MP3C	Mx	-.029	72
37	MP4A	X	0	27
38	MP4A	Z	-16.077	27
39	MP4A	Mx	0	27
40	MP4A	X	0	51
41	MP4A	Z	-16.077	51
42	MP4A	Mx	0	51
43	MP4B	X	0	27
44	MP4B	Z	-9.068	27
45	MP4B	Mx	.004	27
46	MP4B	X	0	51
47	MP4B	Z	-9.068	51
48	MP4B	Mx	.004	51
49	MP4C	X	0	27
50	MP4C	Z	-9.068	27
51	MP4C	Mx	-.004	27
52	MP4C	X	0	51
53	MP4C	Z	-9.068	51
54	MP4C	Mx	-.004	51
55	M136A	X	0	12
56	M136A	Z	-13.598	12
57	M136A	Mx	0	12
58	M139	X	0	12
59	M139	Z	-13.17	12
60	M139	Mx	0	12
61	MP1A	X	0	12
62	MP1A	Z	-27.676	12
63	MP1A	Mx	0	12
64	MP1A	X	0	72
65	MP1A	Z	-27.676	72
66	MP1A	Mx	0	72
67	MP1B	X	0	12
68	MP1B	Z	-19.039	12
69	MP1B	Mx	.011	12
70	MP1B	X	0	72
71	MP1B	Z	-19.039	72
72	MP1B	Mx	.011	72
73	MP1C	X	0	12
74	MP1C	Z	-19.039	12
75	MP1C	Mx	-.011	12
76	MP1C	X	0	72
77	MP1C	Z	-19.039	72
78	MP1C	Mx	-.011	72
79	M130B	X	0	12
80	M130B	Z	-13.598	12

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
81	M130B	Mx	0	12
82	MP5C	X	0	12
83	MP5C	Z	-13.598	12
84	MP5C	Mx	0	12
85	M133A	X	0	12
86	M133A	Z	-13.17	12
87	M133A	Mx	0	12
88	M127A	X	0	12
89	M127A	Z	-13.17	12
90	M127A	Mx	0	12

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP3A	X	16.699	12
2	MP3A	Z	-28.924	12
3	MP3A	Mx	-.035	12
4	MP3A	X	16.699	72
5	MP3A	Z	-28.924	72
6	MP3A	Mx	-.035	72
7	MP3B	X	13.442	12
8	MP3B	Z	-23.282	12
9	MP3B	Mx	.018	12
10	MP3B	X	13.442	72
11	MP3B	Z	-23.282	72
12	MP3B	Mx	.018	72
13	MP3C	X	16.699	12
14	MP3C	Z	-28.924	12
15	MP3C	Mx	.012	12
16	MP3C	X	16.699	72
17	MP3C	Z	-28.924	72
18	MP3C	Mx	.012	72
19	MP3A	X	16.699	12
20	MP3A	Z	-28.924	12
21	MP3A	Mx	.012	12
22	MP3A	X	16.699	72
23	MP3A	Z	-28.924	72
24	MP3A	Mx	.012	72
25	MP3B	X	13.442	12
26	MP3B	Z	-23.282	12
27	MP3B	Mx	.018	12
28	MP3B	X	13.442	72
29	MP3B	Z	-23.282	72
30	MP3B	Mx	.018	72
31	MP3C	X	16.699	12
32	MP3C	Z	-28.924	12
33	MP3C	Mx	-.035	12
34	MP3C	X	16.699	72
35	MP3C	Z	-28.924	72
36	MP3C	Mx	-.035	72
37	MP4A	X	6.87	27
38	MP4A	Z	-11.9	27
39	MP4A	Mx	-.003	27
40	MP4A	X	6.87	51
41	MP4A	Z	-11.9	51
42	MP4A	Mx	-.003	51
43	MP4B	X	3.366	27

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
44	MP4B	Z	-5.83	27
45	MP4B	Mx	.003	27
46	MP4B	X	3.366	51
47	MP4B	Z	-5.83	51
48	MP4B	Mx	.003	51
49	MP4C	X	6.87	27
50	MP4C	Z	-11.9	27
51	MP4C	Mx	-.003	27
52	MP4C	X	6.87	51
53	MP4C	Z	-11.9	51
54	MP4C	Mx	-.003	51
55	M136A	X	5.673	12
56	M136A	Z	-9.826	12
57	M136A	Mx	0	12
58	M139	X	5.032	12
59	M139	Z	-8.715	12
60	M139	Mx	0	12
61	MP1A	X	12.399	12
62	MP1A	Z	-21.475	12
63	MP1A	Mx	-.008	12
64	MP1A	X	12.399	72
65	MP1A	Z	-21.475	72
66	MP1A	Mx	-.008	72
67	MP1B	X	8.08	12
68	MP1B	Z	-13.995	12
69	MP1B	Mx	.011	12
70	MP1B	X	8.08	72
71	MP1B	Z	-13.995	72
72	MP1B	Mx	.011	72
73	MP1C	X	12.399	12
74	MP1C	Z	-21.475	12
75	MP1C	Mx	-.008	12
76	MP1C	X	12.399	72
77	MP1C	Z	-21.475	72
78	MP1C	Mx	-.008	72
79	M130B	X	5.673	12
80	M130B	Z	-9.826	12
81	M130B	Mx	0	12
82	MP5C	X	5.673	12
83	MP5C	Z	-9.826	12
84	MP5C	Mx	0	12
85	M133A	X	5.032	12
86	M133A	Z	-8.715	12
87	M133A	Mx	0	12
88	M127A	X	5.032	12
89	M127A	Z	-8.715	12
90	M127A	Mx	0	12

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP3A	X	25.162	12
2	MP3A	Z	-14.527	12
3	MP3A	Mx	-.029	12
4	MP3A	X	25.162	72
5	MP3A	Z	-14.527	72
6	MP3A	Mx	-.029	72

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
7	MP3B	X	25.162	12
8	MP3B	Z	-14.527	12
9	MP3B	Mx	.005	12
10	MP3B	X	25.162	72
11	MP3B	Z	-14.527	72
12	MP3B	Mx	.005	72
13	MP3C	X	30.804	12
14	MP3C	Z	-17.785	12
15	MP3C	Mx	.029	12
16	MP3C	X	30.804	72
17	MP3C	Z	-17.785	72
18	MP3C	Mx	.029	72
19	MP3A	X	25.162	12
20	MP3A	Z	-14.527	12
21	MP3A	Mx	-.005	12
22	MP3A	X	25.162	72
23	MP3A	Z	-14.527	72
24	MP3A	Mx	-.005	72
25	MP3B	X	25.162	12
26	MP3B	Z	-14.527	12
27	MP3B	Mx	.029	12
28	MP3B	X	25.162	72
29	MP3B	Z	-14.527	72
30	MP3B	Mx	.029	72
31	MP3C	X	30.804	12
32	MP3C	Z	-17.785	12
33	MP3C	Mx	-.029	12
34	MP3C	X	30.804	72
35	MP3C	Z	-17.785	72
36	MP3C	Mx	-.029	72
37	MP4A	X	7.853	27
38	MP4A	Z	-4.534	27
39	MP4A	Mx	-.004	27
40	MP4A	X	7.853	51
41	MP4A	Z	-4.534	51
42	MP4A	Mx	-.004	51
43	MP4B	X	7.853	27
44	MP4B	Z	-4.534	27
45	MP4B	Mx	.004	27
46	MP4B	X	7.853	51
47	MP4B	Z	-4.534	51
48	MP4B	Mx	.004	51
49	MP4C	X	13.923	27
50	MP4C	Z	-8.038	27
51	MP4C	Mx	0	27
52	MP4C	X	13.923	51
53	MP4C	Z	-8.038	51
54	MP4C	Mx	0	51
55	M136A	X	8.851	12
56	M136A	Z	-5.11	12
57	M136A	Mx	0	12
58	M139	X	7.37	12
59	M139	Z	-4.255	12
60	M139	Mx	0	12
61	MP1A	X	16.489	12
62	MP1A	Z	-9.52	12
63	MP1A	Mx	-.011	12

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
64	MP1A	X	16.489	72
65	MP1A	Z	-9.52	72
66	MP1A	Mx	-.011	72
67	MP1B	X	16.489	12
68	MP1B	Z	-9.52	12
69	MP1B	Mx	.011	12
70	MP1B	X	16.489	72
71	MP1B	Z	-9.52	72
72	MP1B	Mx	.011	72
73	MP1C	X	23.968	12
74	MP1C	Z	-13.838	12
75	MP1C	Mx	0	12
76	MP1C	X	23.968	72
77	MP1C	Z	-13.838	72
78	MP1C	Mx	0	72
79	M130B	X	8.851	12
80	M130B	Z	-5.11	12
81	M130B	Mx	0	12
82	MP5C	X	8.851	12
83	MP5C	Z	-5.11	12
84	MP5C	Mx	0	12
85	M133A	X	7.37	12
86	M133A	Z	-4.255	12
87	M133A	Mx	0	12
88	M127A	X	7.37	12
89	M127A	Z	-4.255	12
90	M127A	Mx	0	12

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP3A	X	26.883	12
2	MP3A	Z	0	12
3	MP3A	Mx	-.018	12
4	MP3A	X	26.883	72
5	MP3A	Z	0	72
6	MP3A	Mx	-.018	72
7	MP3B	X	33.398	12
8	MP3B	Z	0	12
9	MP3B	Mx	-.012	12
10	MP3B	X	33.398	72
11	MP3B	Z	0	72
12	MP3B	Mx	-.012	72
13	MP3C	X	33.398	12
14	MP3C	Z	0	12
15	MP3C	Mx	.035	12
16	MP3C	X	33.398	72
17	MP3C	Z	0	72
18	MP3C	Mx	.035	72
19	MP3A	X	26.883	12
20	MP3A	Z	0	12
21	MP3A	Mx	-.018	12
22	MP3A	X	26.883	72
23	MP3A	Z	0	72
24	MP3A	Mx	-.018	72
25	MP3B	X	33.398	12
26	MP3B	Z	0	12

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
27	MP3B	Mx	.035	12
28	MP3B	X	33.398	72
29	MP3B	Z	0	72
30	MP3B	Mx	.035	72
31	MP3C	X	33.398	12
32	MP3C	Z	0	12
33	MP3C	Mx	-.012	12
34	MP3C	X	33.398	72
35	MP3C	Z	0	72
36	MP3C	Mx	-.012	72
37	MP4A	X	6.732	27
38	MP4A	Z	0	27
39	MP4A	Mx	-.003	27
40	MP4A	X	6.732	51
41	MP4A	Z	0	51
42	MP4A	Mx	-.003	51
43	MP4B	X	13.741	27
44	MP4B	Z	0	27
45	MP4B	Mx	.003	27
46	MP4B	X	13.741	51
47	MP4B	Z	0	51
48	MP4B	Mx	.003	51
49	MP4C	X	13.741	27
50	MP4C	Z	0	27
51	MP4C	Mx	.003	27
52	MP4C	X	13.741	51
53	MP4C	Z	0	51
54	MP4C	Mx	.003	51
55	M136A	X	11.346	12
56	M136A	Z	0	12
57	M136A	Mx	0	12
58	M139	X	10.063	12
59	M139	Z	0	12
60	M139	Mx	0	12
61	MP1A	X	16.16	12
62	MP1A	Z	0	12
63	MP1A	Mx	-.011	12
64	MP1A	X	16.16	72
65	MP1A	Z	0	72
66	MP1A	Mx	-.011	72
67	MP1B	X	24.797	12
68	MP1B	Z	0	12
69	MP1B	Mx	.008	12
70	MP1B	X	24.797	72
71	MP1B	Z	0	72
72	MP1B	Mx	.008	72
73	MP1C	X	24.797	12
74	MP1C	Z	0	12
75	MP1C	Mx	.008	12
76	MP1C	X	24.797	72
77	MP1C	Z	0	72
78	MP1C	Mx	.008	72
79	M130B	X	11.346	12
80	M130B	Z	0	12
81	M130B	Mx	0	12
82	MP5C	X	11.346	12
83	MP5C	Z	0	12

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
84	MP5C	Mx	0	12
85	M133A	X	10.063	12
86	M133A	Z	0	12
87	M133A	Mx	0	12
88	M127A	X	10.063	12
89	M127A	Z	0	12
90	M127A	Mx	0	12

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP3A	X	25.162	12
2	MP3A	Z	14.527	12
3	MP3A	Mx	-.005	12
4	MP3A	X	25.162	72
5	MP3A	Z	14.527	72
6	MP3A	Mx	-.005	72
7	MP3B	X	30.804	12
8	MP3B	Z	17.785	12
9	MP3B	Mx	-.029	12
10	MP3B	X	30.804	72
11	MP3B	Z	17.785	72
12	MP3B	Mx	-.029	72
13	MP3C	X	25.162	12
14	MP3C	Z	14.527	12
15	MP3C	Mx	.029	12
16	MP3C	X	25.162	72
17	MP3C	Z	14.527	72
18	MP3C	Mx	.029	72
19	MP3A	X	25.162	12
20	MP3A	Z	14.527	12
21	MP3A	Mx	-.029	12
22	MP3A	X	25.162	72
23	MP3A	Z	14.527	72
24	MP3A	Mx	-.029	72
25	MP3B	X	30.804	12
26	MP3B	Z	17.785	12
27	MP3B	Mx	.029	12
28	MP3B	X	30.804	72
29	MP3B	Z	17.785	72
30	MP3B	Mx	.029	72
31	MP3C	X	25.162	12
32	MP3C	Z	14.527	12
33	MP3C	Mx	.005	12
34	MP3C	X	25.162	72
35	MP3C	Z	14.527	72
36	MP3C	Mx	.005	72
37	MP4A	X	7.853	27
38	MP4A	Z	4.534	27
39	MP4A	Mx	-.004	27
40	MP4A	X	7.853	51
41	MP4A	Z	4.534	51
42	MP4A	Mx	-.004	51
43	MP4B	X	13.923	27
44	MP4B	Z	8.038	27
45	MP4B	Mx	0	27
46	MP4B	X	13.923	51

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
47	MP4B	Z	8.038	51
48	MP4B	Mx	0	51
49	MP4C	X	7.853	27
50	MP4C	Z	4.534	27
51	MP4C	Mx	.004	27
52	MP4C	X	7.853	51
53	MP4C	Z	4.534	51
54	MP4C	Mx	.004	51
55	M136A	X	11.776	12
56	M136A	Z	6.799	12
57	M136A	Mx	0	12
58	M139	X	11.405	12
59	M139	Z	6.585	12
60	M139	Mx	0	12
61	MP1A	X	16.489	12
62	MP1A	Z	9.52	12
63	MP1A	Mx	-.011	12
64	MP1A	X	16.489	72
65	MP1A	Z	9.52	72
66	MP1A	Mx	-.011	72
67	MP1B	X	23.968	12
68	MP1B	Z	13.838	12
69	MP1B	Mx	0	12
70	MP1B	X	23.968	72
71	MP1B	Z	13.838	72
72	MP1B	Mx	0	72
73	MP1C	X	16.489	12
74	MP1C	Z	9.52	12
75	MP1C	Mx	.011	12
76	MP1C	X	16.489	72
77	MP1C	Z	9.52	72
78	MP1C	Mx	.011	72
79	M130B	X	11.776	12
80	M130B	Z	6.799	12
81	M130B	Mx	0	12
82	MP5C	X	11.776	12
83	MP5C	Z	6.799	12
84	MP5C	Mx	0	12
85	M133A	X	11.405	12
86	M133A	Z	6.585	12
87	M133A	Mx	0	12
88	M127A	X	11.405	12
89	M127A	Z	6.585	12
90	M127A	Mx	0	12

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP3A	X	16.699	12
2	MP3A	Z	28.924	12
3	MP3A	Mx	.012	12
4	MP3A	X	16.699	72
5	MP3A	Z	28.924	72
6	MP3A	Mx	.012	72
7	MP3B	X	16.699	12
8	MP3B	Z	28.924	12
9	MP3B	Mx	-.035	12

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
10	MP3B	X	16.699	72
11	MP3B	Z	28.924	72
12	MP3B	Mx	-.035	72
13	MP3C	X	13.442	12
14	MP3C	Z	23.282	12
15	MP3C	Mx	.018	12
16	MP3C	X	13.442	72
17	MP3C	Z	23.282	72
18	MP3C	Mx	.018	72
19	MP3A	X	16.699	12
20	MP3A	Z	28.924	12
21	MP3A	Mx	-.035	12
22	MP3A	X	16.699	72
23	MP3A	Z	28.924	72
24	MP3A	Mx	-.035	72
25	MP3B	X	16.699	12
26	MP3B	Z	28.924	12
27	MP3B	Mx	.012	12
28	MP3B	X	16.699	72
29	MP3B	Z	28.924	72
30	MP3B	Mx	.012	72
31	MP3C	X	13.442	12
32	MP3C	Z	23.282	12
33	MP3C	Mx	.018	12
34	MP3C	X	13.442	72
35	MP3C	Z	23.282	72
36	MP3C	Mx	.018	72
37	MP4A	X	6.87	27
38	MP4A	Z	11.9	27
39	MP4A	Mx	-.003	27
40	MP4A	X	6.87	51
41	MP4A	Z	11.9	51
42	MP4A	Mx	-.003	51
43	MP4B	X	6.87	27
44	MP4B	Z	11.9	27
45	MP4B	Mx	-.003	27
46	MP4B	X	6.87	51
47	MP4B	Z	11.9	51
48	MP4B	Mx	-.003	51
49	MP4C	X	3.366	27
50	MP4C	Z	5.83	27
51	MP4C	Mx	.003	27
52	MP4C	X	3.366	51
53	MP4C	Z	5.83	51
54	MP4C	Mx	.003	51
55	M136A	X	7.362	12
56	M136A	Z	12.751	12
57	M136A	Mx	0	12
58	M139	X	7.362	12
59	M139	Z	12.751	12
60	M139	Mx	0	12
61	MP1A	X	12.399	12
62	MP1A	Z	21.475	12
63	MP1A	Mx	-.008	12
64	MP1A	X	12.399	72
65	MP1A	Z	21.475	72
66	MP1A	Mx	-.008	72

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
67	MP1B	X	12.399	12
68	MP1B	Z	21.475	12
69	MP1B	Mx	-.008	12
70	MP1B	X	12.399	72
71	MP1B	Z	21.475	72
72	MP1B	Mx	-.008	72
73	MP1C	X	8.08	12
74	MP1C	Z	13.995	12
75	MP1C	Mx	.011	12
76	MP1C	X	8.08	72
77	MP1C	Z	13.995	72
78	MP1C	Mx	.011	72
79	M130B	X	7.362	12
80	M130B	Z	12.751	12
81	M130B	Mx	0	12
82	MP5C	X	7.362	12
83	MP5C	Z	12.751	12
84	MP5C	Mx	0	12
85	M133A	X	7.362	12
86	M133A	Z	12.751	12
87	M133A	Mx	0	12
88	M127A	X	7.362	12
89	M127A	Z	12.751	12
90	M127A	Mx	0	12

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP3A	X	0	12
2	MP3A	Z	35.57	12
3	MP3A	Mx	.029	12
4	MP3A	X	0	72
5	MP3A	Z	35.57	72
6	MP3A	Mx	.029	72
7	MP3B	X	0	12
8	MP3B	Z	29.055	12
9	MP3B	Mx	-.029	12
10	MP3B	X	0	72
11	MP3B	Z	29.055	72
12	MP3B	Mx	-.029	72
13	MP3C	X	0	12
14	MP3C	Z	29.055	12
15	MP3C	Mx	.005	12
16	MP3C	X	0	72
17	MP3C	Z	29.055	72
18	MP3C	Mx	.005	72
19	MP3A	X	0	12
20	MP3A	Z	35.57	12
21	MP3A	Mx	-.029	12
22	MP3A	X	0	72
23	MP3A	Z	35.57	72
24	MP3A	Mx	-.029	72
25	MP3B	X	0	12
26	MP3B	Z	29.055	12
27	MP3B	Mx	-.005	12
28	MP3B	X	0	72
29	MP3B	Z	29.055	72

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
30	MP3B	Mx	-.005	72
31	MP3C	X	0	12
32	MP3C	Z	29.055	12
33	MP3C	Mx	.029	12
34	MP3C	X	0	72
35	MP3C	Z	29.055	72
36	MP3C	Mx	.029	72
37	MP4A	X	0	27
38	MP4A	Z	16.077	27
39	MP4A	Mx	0	27
40	MP4A	X	0	51
41	MP4A	Z	16.077	51
42	MP4A	Mx	0	51
43	MP4B	X	0	27
44	MP4B	Z	9.068	27
45	MP4B	Mx	-.004	27
46	MP4B	X	0	51
47	MP4B	Z	9.068	51
48	MP4B	Mx	-.004	51
49	MP4C	X	0	27
50	MP4C	Z	9.068	27
51	MP4C	Mx	.004	27
52	MP4C	X	0	51
53	MP4C	Z	9.068	51
54	MP4C	Mx	.004	51
55	M136A	X	0	12
56	M136A	Z	13.598	12
57	M136A	Mx	0	12
58	M139	X	0	12
59	M139	Z	13.17	12
60	M139	Mx	0	12
61	MP1A	X	0	12
62	MP1A	Z	27.676	12
63	MP1A	Mx	0	12
64	MP1A	X	0	72
65	MP1A	Z	27.676	72
66	MP1A	Mx	0	72
67	MP1B	X	0	12
68	MP1B	Z	19.039	12
69	MP1B	Mx	-.011	12
70	MP1B	X	0	72
71	MP1B	Z	19.039	72
72	MP1B	Mx	-.011	72
73	MP1C	X	0	12
74	MP1C	Z	19.039	12
75	MP1C	Mx	.011	12
76	MP1C	X	0	72
77	MP1C	Z	19.039	72
78	MP1C	Mx	.011	72
79	M130B	X	0	12
80	M130B	Z	13.598	12
81	M130B	Mx	0	12
82	MP5C	X	0	12
83	MP5C	Z	13.598	12
84	MP5C	Mx	0	12
85	M133A	X	0	12
86	M133A	Z	13.17	12

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
87	M133A	Mx	0	12
88	M127A	X	0	12
89	M127A	Z	13.17	12
90	M127A	Mx	0	12

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP3A	X	-16.699	12
2	MP3A	Z	28.924	12
3	MP3A	Mx	.035	12
4	MP3A	X	-16.699	72
5	MP3A	Z	28.924	72
6	MP3A	Mx	.035	72
7	MP3B	X	-13.442	12
8	MP3B	Z	23.282	12
9	MP3B	Mx	-.018	12
10	MP3B	X	-13.442	72
11	MP3B	Z	23.282	72
12	MP3B	Mx	-.018	72
13	MP3C	X	-16.699	12
14	MP3C	Z	28.924	12
15	MP3C	Mx	-.012	12
16	MP3C	X	-16.699	72
17	MP3C	Z	28.924	72
18	MP3C	Mx	-.012	72
19	MP3A	X	-16.699	12
20	MP3A	Z	28.924	12
21	MP3A	Mx	-.012	12
22	MP3A	X	-16.699	72
23	MP3A	Z	28.924	72
24	MP3A	Mx	-.012	72
25	MP3B	X	-13.442	12
26	MP3B	Z	23.282	12
27	MP3B	Mx	-.018	12
28	MP3B	X	-13.442	72
29	MP3B	Z	23.282	72
30	MP3B	Mx	-.018	72
31	MP3C	X	-16.699	12
32	MP3C	Z	28.924	12
33	MP3C	Mx	.035	12
34	MP3C	X	-16.699	72
35	MP3C	Z	28.924	72
36	MP3C	Mx	.035	72
37	MP4A	X	-6.87	27
38	MP4A	Z	11.9	27
39	MP4A	Mx	.003	27
40	MP4A	X	-6.87	51
41	MP4A	Z	11.9	51
42	MP4A	Mx	.003	51
43	MP4B	X	-3.366	27
44	MP4B	Z	5.83	27
45	MP4B	Mx	-.003	27
46	MP4B	X	-3.366	51
47	MP4B	Z	5.83	51
48	MP4B	Mx	-.003	51
49	MP4C	X	-6.87	27

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
50	MP4C	Z	11.9	27
51	MP4C	Mx	.003	27
52	MP4C	X	-6.87	51
53	MP4C	Z	11.9	51
54	MP4C	Mx	.003	51
55	M136A	X	-5.673	12
56	M136A	Z	9.826	12
57	M136A	Mx	0	12
58	M139	X	-5.032	12
59	M139	Z	8.715	12
60	M139	Mx	0	12
61	MP1A	X	-12.399	12
62	MP1A	Z	21.475	12
63	MP1A	Mx	.008	12
64	MP1A	X	-12.399	72
65	MP1A	Z	21.475	72
66	MP1A	Mx	.008	72
67	MP1B	X	-8.08	12
68	MP1B	Z	13.995	12
69	MP1B	Mx	-.011	12
70	MP1B	X	-8.08	72
71	MP1B	Z	13.995	72
72	MP1B	Mx	-.011	72
73	MP1C	X	-12.399	12
74	MP1C	Z	21.475	12
75	MP1C	Mx	.008	12
76	MP1C	X	-12.399	72
77	MP1C	Z	21.475	72
78	MP1C	Mx	.008	72
79	M130B	X	-5.673	12
80	M130B	Z	9.826	12
81	M130B	Mx	0	12
82	MP5C	X	-5.673	12
83	MP5C	Z	9.826	12
84	MP5C	Mx	0	12
85	M133A	X	-5.032	12
86	M133A	Z	8.715	12
87	M133A	Mx	0	12
88	M127A	X	-5.032	12
89	M127A	Z	8.715	12
90	M127A	Mx	0	12

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP3A	X	-25.162	12
2	MP3A	Z	14.527	12
3	MP3A	Mx	.029	12
4	MP3A	X	-25.162	72
5	MP3A	Z	14.527	72
6	MP3A	Mx	.029	72
7	MP3B	X	-25.162	12
8	MP3B	Z	14.527	12
9	MP3B	Mx	-.005	12
10	MP3B	X	-25.162	72
11	MP3B	Z	14.527	72
12	MP3B	Mx	-.005	72

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
13	MP3C	X	-30.804	12
14	MP3C	Z	17.785	12
15	MP3C	Mx	-.029	12
16	MP3C	X	-30.804	72
17	MP3C	Z	17.785	72
18	MP3C	Mx	-.029	72
19	MP3A	X	-25.162	12
20	MP3A	Z	14.527	12
21	MP3A	Mx	.005	12
22	MP3A	X	-25.162	72
23	MP3A	Z	14.527	72
24	MP3A	Mx	.005	72
25	MP3B	X	-25.162	12
26	MP3B	Z	14.527	12
27	MP3B	Mx	-.029	12
28	MP3B	X	-25.162	72
29	MP3B	Z	14.527	72
30	MP3B	Mx	-.029	72
31	MP3C	X	-30.804	12
32	MP3C	Z	17.785	12
33	MP3C	Mx	.029	12
34	MP3C	X	-30.804	72
35	MP3C	Z	17.785	72
36	MP3C	Mx	.029	72
37	MP4A	X	-7.853	27
38	MP4A	Z	4.534	27
39	MP4A	Mx	.004	27
40	MP4A	X	-7.853	51
41	MP4A	Z	4.534	51
42	MP4A	Mx	.004	51
43	MP4B	X	-7.853	27
44	MP4B	Z	4.534	27
45	MP4B	Mx	-.004	27
46	MP4B	X	-7.853	51
47	MP4B	Z	4.534	51
48	MP4B	Mx	-.004	51
49	MP4C	X	-13.923	27
50	MP4C	Z	8.038	27
51	MP4C	Mx	0	27
52	MP4C	X	-13.923	51
53	MP4C	Z	8.038	51
54	MP4C	Mx	0	51
55	M136A	X	-8.851	12
56	M136A	Z	5.11	12
57	M136A	Mx	0	12
58	M139	X	-7.37	12
59	M139	Z	4.255	12
60	M139	Mx	0	12
61	MP1A	X	-16.489	12
62	MP1A	Z	9.52	12
63	MP1A	Mx	.011	12
64	MP1A	X	-16.489	72
65	MP1A	Z	9.52	72
66	MP1A	Mx	.011	72
67	MP1B	X	-16.489	12
68	MP1B	Z	9.52	12
69	MP1B	Mx	-.011	12

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
70	MP1B	X	-16.489	72
71	MP1B	Z	9.52	72
72	MP1B	Mx	-.011	72
73	MP1C	X	-23.968	12
74	MP1C	Z	13.838	12
75	MP1C	Mx	0	12
76	MP1C	X	-23.968	72
77	MP1C	Z	13.838	72
78	MP1C	Mx	0	72
79	M130B	X	-8.851	12
80	M130B	Z	5.11	12
81	M130B	Mx	0	12
82	MP5C	X	-8.851	12
83	MP5C	Z	5.11	12
84	MP5C	Mx	0	12
85	M133A	X	-7.37	12
86	M133A	Z	4.255	12
87	M133A	Mx	0	12
88	M127A	X	-7.37	12
89	M127A	Z	4.255	12
90	M127A	Mx	0	12

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP3A	X	-26.883	12
2	MP3A	Z	0	12
3	MP3A	Mx	.018	12
4	MP3A	X	-26.883	72
5	MP3A	Z	0	72
6	MP3A	Mx	.018	72
7	MP3B	X	-33.398	12
8	MP3B	Z	0	12
9	MP3B	Mx	.012	12
10	MP3B	X	-33.398	72
11	MP3B	Z	0	72
12	MP3B	Mx	.012	72
13	MP3C	X	-33.398	12
14	MP3C	Z	0	12
15	MP3C	Mx	-.035	12
16	MP3C	X	-33.398	72
17	MP3C	Z	0	72
18	MP3C	Mx	-.035	72
19	MP3A	X	-26.883	12
20	MP3A	Z	0	12
21	MP3A	Mx	.018	12
22	MP3A	X	-26.883	72
23	MP3A	Z	0	72
24	MP3A	Mx	.018	72
25	MP3B	X	-33.398	12
26	MP3B	Z	0	12
27	MP3B	Mx	-.035	12
28	MP3B	X	-33.398	72
29	MP3B	Z	0	72
30	MP3B	Mx	-.035	72
31	MP3C	X	-33.398	12
32	MP3C	Z	0	12

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
33	MP3C	Mx	.012	12
34	MP3C	X	-33.398	72
35	MP3C	Z	0	72
36	MP3C	Mx	.012	72
37	MP4A	X	-6.732	27
38	MP4A	Z	0	27
39	MP4A	Mx	.003	27
40	MP4A	X	-6.732	51
41	MP4A	Z	0	51
42	MP4A	Mx	.003	51
43	MP4B	X	-13.741	27
44	MP4B	Z	0	27
45	MP4B	Mx	-.003	27
46	MP4B	X	-13.741	51
47	MP4B	Z	0	51
48	MP4B	Mx	-.003	51
49	MP4C	X	-13.741	27
50	MP4C	Z	0	27
51	MP4C	Mx	-.003	27
52	MP4C	X	-13.741	51
53	MP4C	Z	0	51
54	MP4C	Mx	-.003	51
55	M136A	X	-11.346	12
56	M136A	Z	0	12
57	M136A	Mx	0	12
58	M139	X	-10.063	12
59	M139	Z	0	12
60	M139	Mx	0	12
61	MP1A	X	-16.16	12
62	MP1A	Z	0	12
63	MP1A	Mx	.011	12
64	MP1A	X	-16.16	72
65	MP1A	Z	0	72
66	MP1A	Mx	.011	72
67	MP1B	X	-24.797	12
68	MP1B	Z	0	12
69	MP1B	Mx	-.008	12
70	MP1B	X	-24.797	72
71	MP1B	Z	0	72
72	MP1B	Mx	-.008	72
73	MP1C	X	-24.797	12
74	MP1C	Z	0	12
75	MP1C	Mx	-.008	12
76	MP1C	X	-24.797	72
77	MP1C	Z	0	72
78	MP1C	Mx	-.008	72
79	M130B	X	-11.346	12
80	M130B	Z	0	12
81	M130B	Mx	0	12
82	MP5C	X	-11.346	12
83	MP5C	Z	0	12
84	MP5C	Mx	0	12
85	M133A	X	-10.063	12
86	M133A	Z	0	12
87	M133A	Mx	0	12
88	M127A	X	-10.063	12
89	M127A	Z	0	12

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
90	M127A	Mx	0	12

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP3A	X	-25.162	12
2	MP3A	Z	-14.527	12
3	MP3A	Mx	.005	12
4	MP3A	X	-25.162	72
5	MP3A	Z	-14.527	72
6	MP3A	Mx	.005	72
7	MP3B	X	-30.804	12
8	MP3B	Z	-17.785	12
9	MP3B	Mx	.029	12
10	MP3B	X	-30.804	72
11	MP3B	Z	-17.785	72
12	MP3B	Mx	.029	72
13	MP3C	X	-25.162	12
14	MP3C	Z	-14.527	12
15	MP3C	Mx	-.029	12
16	MP3C	X	-25.162	72
17	MP3C	Z	-14.527	72
18	MP3C	Mx	-.029	72
19	MP3A	X	-25.162	12
20	MP3A	Z	-14.527	12
21	MP3A	Mx	.029	12
22	MP3A	X	-25.162	72
23	MP3A	Z	-14.527	72
24	MP3A	Mx	.029	72
25	MP3B	X	-30.804	12
26	MP3B	Z	-17.785	12
27	MP3B	Mx	-.029	12
28	MP3B	X	-30.804	72
29	MP3B	Z	-17.785	72
30	MP3B	Mx	-.029	72
31	MP3C	X	-25.162	12
32	MP3C	Z	-14.527	12
33	MP3C	Mx	-.005	12
34	MP3C	X	-25.162	72
35	MP3C	Z	-14.527	72
36	MP3C	Mx	-.005	72
37	MP4A	X	-7.853	27
38	MP4A	Z	-4.534	27
39	MP4A	Mx	.004	27
40	MP4A	X	-7.853	51
41	MP4A	Z	-4.534	51
42	MP4A	Mx	.004	51
43	MP4B	X	-13.923	27
44	MP4B	Z	-8.038	27
45	MP4B	Mx	0	27
46	MP4B	X	-13.923	51
47	MP4B	Z	-8.038	51
48	MP4B	Mx	0	51
49	MP4C	X	-7.853	27
50	MP4C	Z	-4.534	27
51	MP4C	Mx	-.004	27
52	MP4C	X	-7.853	51

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
53	MP4C	Z	-4.534	51
54	MP4C	Mx	-.004	51
55	M136A	X	-11.776	12
56	M136A	Z	-6.799	12
57	M136A	Mx	0	12
58	M139	X	-11.405	12
59	M139	Z	-6.585	12
60	M139	Mx	0	12
61	MP1A	X	-16.489	12
62	MP1A	Z	-9.52	12
63	MP1A	Mx	.011	12
64	MP1A	X	-16.489	72
65	MP1A	Z	-9.52	72
66	MP1A	Mx	.011	72
67	MP1B	X	-23.968	12
68	MP1B	Z	-13.838	12
69	MP1B	Mx	0	12
70	MP1B	X	-23.968	72
71	MP1B	Z	-13.838	72
72	MP1B	Mx	0	72
73	MP1C	X	-16.489	12
74	MP1C	Z	-9.52	12
75	MP1C	Mx	-.011	12
76	MP1C	X	-16.489	72
77	MP1C	Z	-9.52	72
78	MP1C	Mx	-.011	72
79	M130B	X	-11.776	12
80	M130B	Z	-6.799	12
81	M130B	Mx	0	12
82	MP5C	X	-11.776	12
83	MP5C	Z	-6.799	12
84	MP5C	Mx	0	12
85	M133A	X	-11.405	12
86	M133A	Z	-6.585	12
87	M133A	Mx	0	12
88	M127A	X	-11.405	12
89	M127A	Z	-6.585	12
90	M127A	Mx	0	12

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP3A	X	-16.699	12
2	MP3A	Z	-28.924	12
3	MP3A	Mx	-.012	12
4	MP3A	X	-16.699	72
5	MP3A	Z	-28.924	72
6	MP3A	Mx	-.012	72
7	MP3B	X	-16.699	12
8	MP3B	Z	-28.924	12
9	MP3B	Mx	.035	12
10	MP3B	X	-16.699	72
11	MP3B	Z	-28.924	72
12	MP3B	Mx	.035	72
13	MP3C	X	-13.442	12
14	MP3C	Z	-23.282	12
15	MP3C	Mx	-.018	12

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
16	MP3C	X	-13.442	72
17	MP3C	Z	-23.282	72
18	MP3C	Mx	-.018	72
19	MP3A	X	-16.699	12
20	MP3A	Z	-28.924	12
21	MP3A	Mx	.035	12
22	MP3A	X	-16.699	72
23	MP3A	Z	-28.924	72
24	MP3A	Mx	.035	72
25	MP3B	X	-16.699	12
26	MP3B	Z	-28.924	12
27	MP3B	Mx	-.012	12
28	MP3B	X	-16.699	72
29	MP3B	Z	-28.924	72
30	MP3B	Mx	-.012	72
31	MP3C	X	-13.442	12
32	MP3C	Z	-23.282	12
33	MP3C	Mx	-.018	12
34	MP3C	X	-13.442	72
35	MP3C	Z	-23.282	72
36	MP3C	Mx	-.018	72
37	MP4A	X	-6.87	27
38	MP4A	Z	-11.9	27
39	MP4A	Mx	.003	27
40	MP4A	X	-6.87	51
41	MP4A	Z	-11.9	51
42	MP4A	Mx	.003	51
43	MP4B	X	-6.87	27
44	MP4B	Z	-11.9	27
45	MP4B	Mx	.003	27
46	MP4B	X	-6.87	51
47	MP4B	Z	-11.9	51
48	MP4B	Mx	.003	51
49	MP4C	X	-3.366	27
50	MP4C	Z	-5.83	27
51	MP4C	Mx	-.003	27
52	MP4C	X	-3.366	51
53	MP4C	Z	-5.83	51
54	MP4C	Mx	-.003	51
55	M136A	X	-7.362	12
56	M136A	Z	-12.751	12
57	M136A	Mx	0	12
58	M139	X	-7.362	12
59	M139	Z	-12.751	12
60	M139	Mx	0	12
61	MP1A	X	-12.399	12
62	MP1A	Z	-21.475	12
63	MP1A	Mx	.008	12
64	MP1A	X	-12.399	72
65	MP1A	Z	-21.475	72
66	MP1A	Mx	.008	72
67	MP1B	X	-12.399	12
68	MP1B	Z	-21.475	12
69	MP1B	Mx	.008	12
70	MP1B	X	-12.399	72
71	MP1B	Z	-21.475	72
72	MP1B	Mx	.008	72

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
73	MP1C	X	-8.08	12
74	MP1C	Z	-13.995	12
75	MP1C	Mx	-.011	12
76	MP1C	X	-8.08	72
77	MP1C	Z	-13.995	72
78	MP1C	Mx	-.011	72
79	M130B	X	-7.362	12
80	M130B	Z	-12.751	12
81	M130B	Mx	0	12
82	MP5C	X	-7.362	12
83	MP5C	Z	-12.751	12
84	MP5C	Mx	0	12
85	M133A	X	-7.362	12
86	M133A	Z	-12.751	12
87	M133A	Mx	0	12
88	M127A	X	-7.362	12
89	M127A	Z	-12.751	12
90	M127A	Mx	0	12

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP3A	X	0	12
2	MP3A	Z	-11.794	12
3	MP3A	Mx	-.01	12
4	MP3A	X	0	72
5	MP3A	Z	-11.794	72
6	MP3A	Mx	-.01	72
7	MP3B	X	0	12
8	MP3B	Z	-9.525	12
9	MP3B	Mx	.009	12
10	MP3B	X	0	72
11	MP3B	Z	-9.525	72
12	MP3B	Mx	.009	72
13	MP3C	X	0	12
14	MP3C	Z	-9.525	12
15	MP3C	Mx	-.002	12
16	MP3C	X	0	72
17	MP3C	Z	-9.525	72
18	MP3C	Mx	-.002	72
19	MP3A	X	0	12
20	MP3A	Z	-11.794	12
21	MP3A	Mx	.01	12
22	MP3A	X	0	72
23	MP3A	Z	-11.794	72
24	MP3A	Mx	.01	72
25	MP3B	X	0	12
26	MP3B	Z	-9.525	12
27	MP3B	Mx	.002	12
28	MP3B	X	0	72
29	MP3B	Z	-9.525	72
30	MP3B	Mx	.002	72
31	MP3C	X	0	12
32	MP3C	Z	-9.525	12
33	MP3C	Mx	-.009	12
34	MP3C	X	0	72
35	MP3C	Z	-9.525	72

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
36	MP3C	Mx	-.009	72
37	MP4A	X	0	27
38	MP4A	Z	-5.138	27
39	MP4A	Mx	0	27
40	MP4A	X	0	51
41	MP4A	Z	-5.138	51
42	MP4A	Mx	0	51
43	MP4B	X	0	27
44	MP4B	Z	-2.766	27
45	MP4B	Mx	.001	27
46	MP4B	X	0	51
47	MP4B	Z	-2.766	51
48	MP4B	Mx	.001	51
49	MP4C	X	0	27
50	MP4C	Z	-2.766	27
51	MP4C	Mx	-.001	27
52	MP4C	X	0	51
53	MP4C	Z	-2.766	51
54	MP4C	Mx	-.001	51
55	M136A	X	0	12
56	M136A	Z	-4.099	12
57	M136A	Mx	0	12
58	M139	X	0	12
59	M139	Z	-3.957	12
60	M139	Mx	0	12
61	MP1A	X	0	12
62	MP1A	Z	-9.046	12
63	MP1A	Mx	0	12
64	MP1A	X	0	72
65	MP1A	Z	-9.046	72
66	MP1A	Mx	0	72
67	MP1B	X	0	12
68	MP1B	Z	-5.988	12
69	MP1B	Mx	.003	12
70	MP1B	X	0	72
71	MP1B	Z	-5.988	72
72	MP1B	Mx	.003	72
73	MP1C	X	0	12
74	MP1C	Z	-5.988	12
75	MP1C	Mx	-.003	12
76	MP1C	X	0	72
77	MP1C	Z	-5.988	72
78	MP1C	Mx	-.003	72
79	M130B	X	0	12
80	M130B	Z	-4.099	12
81	M130B	Mx	0	12
82	MP5C	X	0	12
83	MP5C	Z	-4.099	12
84	MP5C	Mx	0	12
85	M133A	X	0	12
86	M133A	Z	-3.957	12
87	M133A	Mx	0	12
88	M127A	X	0	12
89	M127A	Z	-3.957	12
90	M127A	Mx	0	12

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP3A	X	5.519	12
2	MP3A	Z	-9.559	12
3	MP3A	Mx	-.011	12
4	MP3A	X	5.519	72
5	MP3A	Z	-9.559	72
6	MP3A	Mx	-.011	72
7	MP3B	X	4.384	12
8	MP3B	Z	-7.594	12
9	MP3B	Mx	.006	12
10	MP3B	X	4.384	72
11	MP3B	Z	-7.594	72
12	MP3B	Mx	.006	72
13	MP3C	X	5.519	12
14	MP3C	Z	-9.559	12
15	MP3C	Mx	.004	12
16	MP3C	X	5.519	72
17	MP3C	Z	-9.559	72
18	MP3C	Mx	.004	72
19	MP3A	X	5.519	12
20	MP3A	Z	-9.559	12
21	MP3A	Mx	.004	12
22	MP3A	X	5.519	72
23	MP3A	Z	-9.559	72
24	MP3A	Mx	.004	72
25	MP3B	X	4.384	12
26	MP3B	Z	-7.594	12
27	MP3B	Mx	.006	12
28	MP3B	X	4.384	72
29	MP3B	Z	-7.594	72
30	MP3B	Mx	.006	72
31	MP3C	X	5.519	12
32	MP3C	Z	-9.559	12
33	MP3C	Mx	-.011	12
34	MP3C	X	5.519	72
35	MP3C	Z	-9.559	72
36	MP3C	Mx	-.011	72
37	MP4A	X	2.174	27
38	MP4A	Z	-3.765	27
39	MP4A	Mx	-.001	27
40	MP4A	X	2.174	51
41	MP4A	Z	-3.765	51
42	MP4A	Mx	-.001	51
43	MP4B	X	.988	27
44	MP4B	Z	-1.711	27
45	MP4B	Mx	.000988	27
46	MP4B	X	.988	51
47	MP4B	Z	-1.711	51
48	MP4B	Mx	.000988	51
49	MP4C	X	2.174	27
50	MP4C	Z	-3.765	27
51	MP4C	Mx	-.001	27
52	MP4C	X	2.174	51
53	MP4C	Z	-3.765	51
54	MP4C	Mx	-.001	51
55	M136A	X	1.679	12
56	M136A	Z	-2.908	12
57	M136A	Mx	0	12

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
58	M139	X	1.466	12
59	M139	Z	-2.539	12
60	M139	Mx	0	12
61	MP1A	X	4.013	12
62	MP1A	Z	-6.951	12
63	MP1A	Mx	-.003	12
64	MP1A	X	4.013	72
65	MP1A	Z	-6.951	72
66	MP1A	Mx	-.003	72
67	MP1B	X	2.484	12
68	MP1B	Z	-4.303	12
69	MP1B	Mx	.003	12
70	MP1B	X	2.484	72
71	MP1B	Z	-4.303	72
72	MP1B	Mx	.003	72
73	MP1C	X	4.013	12
74	MP1C	Z	-6.951	12
75	MP1C	Mx	-.003	12
76	MP1C	X	4.013	72
77	MP1C	Z	-6.951	72
78	MP1C	Mx	-.003	72
79	M130B	X	1.679	12
80	M130B	Z	-2.908	12
81	M130B	Mx	0	12
82	MP5C	X	1.679	12
83	MP5C	Z	-2.908	12
84	MP5C	Mx	0	12
85	M133A	X	1.466	12
86	M133A	Z	-2.539	12
87	M133A	Mx	0	12
88	M127A	X	1.466	12
89	M127A	Z	-2.539	12
90	M127A	Mx	0	12

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP3A	X	8.249	12
2	MP3A	Z	-4.763	12
3	MP3A	Mx	-.009	12
4	MP3A	X	8.249	72
5	MP3A	Z	-4.763	72
6	MP3A	Mx	-.009	72
7	MP3B	X	8.249	12
8	MP3B	Z	-4.763	12
9	MP3B	Mx	.002	12
10	MP3B	X	8.249	72
11	MP3B	Z	-4.763	72
12	MP3B	Mx	.002	72
13	MP3C	X	10.214	12
14	MP3C	Z	-5.897	12
15	MP3C	Mx	.01	12
16	MP3C	X	10.214	72
17	MP3C	Z	-5.897	72
18	MP3C	Mx	.01	72
19	MP3A	X	8.249	12
20	MP3A	Z	-4.763	12

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
21	MP3A	Mx	-.002	12
22	MP3A	X	8.249	72
23	MP3A	Z	-4.763	72
24	MP3A	Mx	-.002	72
25	MP3B	X	8.249	12
26	MP3B	Z	-4.763	12
27	MP3B	Mx	.009	12
28	MP3B	X	8.249	72
29	MP3B	Z	-4.763	72
30	MP3B	Mx	.009	72
31	MP3C	X	10.214	12
32	MP3C	Z	-5.897	12
33	MP3C	Mx	-.01	12
34	MP3C	X	10.214	72
35	MP3C	Z	-5.897	72
36	MP3C	Mx	-.01	72
37	MP4A	X	2.396	27
38	MP4A	Z	-1.383	27
39	MP4A	Mx	-.001	27
40	MP4A	X	2.396	51
41	MP4A	Z	-1.383	51
42	MP4A	Mx	-.001	51
43	MP4B	X	2.396	27
44	MP4B	Z	-1.383	27
45	MP4B	Mx	.001	27
46	MP4B	X	2.396	51
47	MP4B	Z	-1.383	51
48	MP4B	Mx	.001	51
49	MP4C	X	4.45	27
50	MP4C	Z	-2.569	27
51	MP4C	Mx	0	27
52	MP4C	X	4.45	51
53	MP4C	Z	-2.569	51
54	MP4C	Mx	0	51
55	M136A	X	2.587	12
56	M136A	Z	-1.494	12
57	M136A	Mx	0	12
58	M139	X	2.096	12
59	M139	Z	-1.21	12
60	M139	Mx	0	12
61	MP1A	X	5.186	12
62	MP1A	Z	-2.994	12
63	MP1A	Mx	-.003	12
64	MP1A	X	5.186	72
65	MP1A	Z	-2.994	72
66	MP1A	Mx	-.003	72
67	MP1B	X	5.186	12
68	MP1B	Z	-2.994	12
69	MP1B	Mx	.003	12
70	MP1B	X	5.186	72
71	MP1B	Z	-2.994	72
72	MP1B	Mx	.003	72
73	MP1C	X	7.834	12
74	MP1C	Z	-4.523	12
75	MP1C	Mx	0	12
76	MP1C	X	7.834	72
77	MP1C	Z	-4.523	72

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
78	MP1C	Mx	0	72
79	M130B	X	2.587	12
80	M130B	Z	-1.494	12
81	M130B	Mx	0	12
82	MP5C	X	2.587	12
83	MP5C	Z	-1.494	12
84	MP5C	Mx	0	12
85	M133A	X	2.096	12
86	M133A	Z	-1.21	12
87	M133A	Mx	0	12
88	M127A	X	2.096	12
89	M127A	Z	-1.21	12
90	M127A	Mx	0	12

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP3A	X	8.769	12
2	MP3A	Z	0	12
3	MP3A	Mx	-.006	12
4	MP3A	X	8.769	72
5	MP3A	Z	0	72
6	MP3A	Mx	-.006	72
7	MP3B	X	11.038	12
8	MP3B	Z	0	12
9	MP3B	Mx	-.004	12
10	MP3B	X	11.038	72
11	MP3B	Z	0	72
12	MP3B	Mx	-.004	72
13	MP3C	X	11.038	12
14	MP3C	Z	0	12
15	MP3C	Mx	.011	12
16	MP3C	X	11.038	72
17	MP3C	Z	0	72
18	MP3C	Mx	.011	72
19	MP3A	X	8.769	12
20	MP3A	Z	0	12
21	MP3A	Mx	-.006	12
22	MP3A	X	8.769	72
23	MP3A	Z	0	72
24	MP3A	Mx	-.006	72
25	MP3B	X	11.038	12
26	MP3B	Z	0	12
27	MP3B	Mx	.011	12
28	MP3B	X	11.038	72
29	MP3B	Z	0	72
30	MP3B	Mx	.011	72
31	MP3C	X	11.038	12
32	MP3C	Z	0	12
33	MP3C	Mx	-.004	12
34	MP3C	X	11.038	72
35	MP3C	Z	0	72
36	MP3C	Mx	-.004	72
37	MP4A	X	1.975	27
38	MP4A	Z	0	27
39	MP4A	Mx	-.000988	27
40	MP4A	X	1.975	51

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
41	MP4A	Z	0	51
42	MP4A	Mx	-.000988	51
43	MP4B	X	4.348	27
44	MP4B	Z	0	27
45	MP4B	Mx	.001	27
46	MP4B	X	4.348	51
47	MP4B	Z	0	51
48	MP4B	Mx	.001	51
49	MP4C	X	4.348	27
50	MP4C	Z	0	27
51	MP4C	Mx	.001	27
52	MP4C	X	4.348	51
53	MP4C	Z	0	51
54	MP4C	Mx	.001	51
55	M136A	X	3.358	12
56	M136A	Z	0	12
57	M136A	Mx	0	12
58	M139	X	2.932	12
59	M139	Z	0	12
60	M139	Mx	0	12
61	MP1A	X	4.969	12
62	MP1A	Z	0	12
63	MP1A	Mx	-.003	12
64	MP1A	X	4.969	72
65	MP1A	Z	0	72
66	MP1A	Mx	-.003	72
67	MP1B	X	8.027	12
68	MP1B	Z	0	12
69	MP1B	Mx	.003	12
70	MP1B	X	8.027	72
71	MP1B	Z	0	72
72	MP1B	Mx	.003	72
73	MP1C	X	8.027	12
74	MP1C	Z	0	12
75	MP1C	Mx	.003	12
76	MP1C	X	8.027	72
77	MP1C	Z	0	72
78	MP1C	Mx	.003	72
79	M130B	X	3.358	12
80	M130B	Z	0	12
81	M130B	Mx	0	12
82	MP5C	X	3.358	12
83	MP5C	Z	0	12
84	MP5C	Mx	0	12
85	M133A	X	2.932	12
86	M133A	Z	0	12
87	M133A	Mx	0	12
88	M127A	X	2.932	12
89	M127A	Z	0	12
90	M127A	Mx	0	12

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP3A	X	8.249	12
2	MP3A	Z	4.763	12
3	MP3A	Mx	-.002	12

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
4	MP3A	X	8.249	72
5	MP3A	Z	4.763	72
6	MP3A	Mx	-.002	72
7	MP3B	X	10.214	12
8	MP3B	Z	5.897	12
9	MP3B	Mx	-.01	12
10	MP3B	X	10.214	72
11	MP3B	Z	5.897	72
12	MP3B	Mx	-.01	72
13	MP3C	X	8.249	12
14	MP3C	Z	4.763	12
15	MP3C	Mx	.009	12
16	MP3C	X	8.249	72
17	MP3C	Z	4.763	72
18	MP3C	Mx	.009	72
19	MP3A	X	8.249	12
20	MP3A	Z	4.763	12
21	MP3A	Mx	-.009	12
22	MP3A	X	8.249	72
23	MP3A	Z	4.763	72
24	MP3A	Mx	-.009	72
25	MP3B	X	10.214	12
26	MP3B	Z	5.897	12
27	MP3B	Mx	.01	12
28	MP3B	X	10.214	72
29	MP3B	Z	5.897	72
30	MP3B	Mx	.01	72
31	MP3C	X	8.249	12
32	MP3C	Z	4.763	12
33	MP3C	Mx	.002	12
34	MP3C	X	8.249	72
35	MP3C	Z	4.763	72
36	MP3C	Mx	.002	72
37	MP4A	X	2.396	27
38	MP4A	Z	1.383	27
39	MP4A	Mx	-.001	27
40	MP4A	X	2.396	51
41	MP4A	Z	1.383	51
42	MP4A	Mx	-.001	51
43	MP4B	X	4.45	27
44	MP4B	Z	2.569	27
45	MP4B	Mx	0	27
46	MP4B	X	4.45	51
47	MP4B	Z	2.569	51
48	MP4B	Mx	0	51
49	MP4C	X	2.396	27
50	MP4C	Z	1.383	27
51	MP4C	Mx	.001	27
52	MP4C	X	2.396	51
53	MP4C	Z	1.383	51
54	MP4C	Mx	.001	51
55	M136A	X	3.55	12
56	M136A	Z	2.049	12
57	M136A	Mx	0	12
58	M139	X	3.427	12
59	M139	Z	1.978	12
60	M139	Mx	0	12

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
61	MP1A	X	5.186	12
62	MP1A	Z	2.994	12
63	MP1A	Mx	-.003	12
64	MP1A	X	5.186	72
65	MP1A	Z	2.994	72
66	MP1A	Mx	-.003	72
67	MP1B	X	7.834	12
68	MP1B	Z	4.523	12
69	MP1B	Mx	0	12
70	MP1B	X	7.834	72
71	MP1B	Z	4.523	72
72	MP1B	Mx	0	72
73	MP1C	X	5.186	12
74	MP1C	Z	2.994	12
75	MP1C	Mx	.003	12
76	MP1C	X	5.186	72
77	MP1C	Z	2.994	72
78	MP1C	Mx	.003	72
79	M130B	X	3.55	12
80	M130B	Z	2.049	12
81	M130B	Mx	0	12
82	MP5C	X	3.55	12
83	MP5C	Z	2.049	12
84	MP5C	Mx	0	12
85	M133A	X	3.427	12
86	M133A	Z	1.978	12
87	M133A	Mx	0	12
88	M127A	X	3.427	12
89	M127A	Z	1.978	12
90	M127A	Mx	0	12

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP3A	X	5.519	12
2	MP3A	Z	9.559	12
3	MP3A	Mx	.004	12
4	MP3A	X	5.519	72
5	MP3A	Z	9.559	72
6	MP3A	Mx	.004	72
7	MP3B	X	5.519	12
8	MP3B	Z	9.559	12
9	MP3B	Mx	-.011	12
10	MP3B	X	5.519	72
11	MP3B	Z	9.559	72
12	MP3B	Mx	-.011	72
13	MP3C	X	4.384	12
14	MP3C	Z	7.594	12
15	MP3C	Mx	.006	12
16	MP3C	X	4.384	72
17	MP3C	Z	7.594	72
18	MP3C	Mx	.006	72
19	MP3A	X	5.519	12
20	MP3A	Z	9.559	12
21	MP3A	Mx	-.011	12
22	MP3A	X	5.519	72
23	MP3A	Z	9.559	72

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
24	MP3A	Mx	-.011	72
25	MP3B	X	5.519	12
26	MP3B	Z	9.559	12
27	MP3B	Mx	.004	12
28	MP3B	X	5.519	72
29	MP3B	Z	9.559	72
30	MP3B	Mx	.004	72
31	MP3C	X	4.384	12
32	MP3C	Z	7.594	12
33	MP3C	Mx	.006	12
34	MP3C	X	4.384	72
35	MP3C	Z	7.594	72
36	MP3C	Mx	.006	72
37	MP4A	X	2.174	27
38	MP4A	Z	3.765	27
39	MP4A	Mx	-.001	27
40	MP4A	X	2.174	51
41	MP4A	Z	3.765	51
42	MP4A	Mx	-.001	51
43	MP4B	X	2.174	27
44	MP4B	Z	3.765	27
45	MP4B	Mx	-.001	27
46	MP4B	X	2.174	51
47	MP4B	Z	3.765	51
48	MP4B	Mx	-.001	51
49	MP4C	X	.988	27
50	MP4C	Z	1.711	27
51	MP4C	Mx	.000988	27
52	MP4C	X	.988	51
53	MP4C	Z	1.711	51
54	MP4C	Mx	.000988	51
55	M136A	X	2.235	12
56	M136A	Z	3.87	12
57	M136A	Mx	0	12
58	M139	X	2.235	12
59	M139	Z	3.87	12
60	M139	Mx	0	12
61	MP1A	X	4.013	12
62	MP1A	Z	6.951	12
63	MP1A	Mx	-.003	12
64	MP1A	X	4.013	72
65	MP1A	Z	6.951	72
66	MP1A	Mx	-.003	72
67	MP1B	X	4.013	12
68	MP1B	Z	6.951	12
69	MP1B	Mx	-.003	12
70	MP1B	X	4.013	72
71	MP1B	Z	6.951	72
72	MP1B	Mx	-.003	72
73	MP1C	X	2.484	12
74	MP1C	Z	4.303	12
75	MP1C	Mx	.003	12
76	MP1C	X	2.484	72
77	MP1C	Z	4.303	72
78	MP1C	Mx	.003	72
79	M130B	X	2.235	12
80	M130B	Z	3.87	12

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
81	M130B	Mx	0	12
82	MP5C	X	2.235	12
83	MP5C	Z	3.87	12
84	MP5C	Mx	0	12
85	M133A	X	2.235	12
86	M133A	Z	3.87	12
87	M133A	Mx	0	12
88	M127A	X	2.235	12
89	M127A	Z	3.87	12
90	M127A	Mx	0	12

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP3A	X	0	12
2	MP3A	Z	11.794	12
3	MP3A	Mx	.01	12
4	MP3A	X	0	72
5	MP3A	Z	11.794	72
6	MP3A	Mx	.01	72
7	MP3B	X	0	12
8	MP3B	Z	9.525	12
9	MP3B	Mx	-.009	12
10	MP3B	X	0	72
11	MP3B	Z	9.525	72
12	MP3B	Mx	-.009	72
13	MP3C	X	0	12
14	MP3C	Z	9.525	12
15	MP3C	Mx	.002	12
16	MP3C	X	0	72
17	MP3C	Z	9.525	72
18	MP3C	Mx	.002	72
19	MP3A	X	0	12
20	MP3A	Z	11.794	12
21	MP3A	Mx	-.01	12
22	MP3A	X	0	72
23	MP3A	Z	11.794	72
24	MP3A	Mx	-.01	72
25	MP3B	X	0	12
26	MP3B	Z	9.525	12
27	MP3B	Mx	-.002	12
28	MP3B	X	0	72
29	MP3B	Z	9.525	72
30	MP3B	Mx	-.002	72
31	MP3C	X	0	12
32	MP3C	Z	9.525	12
33	MP3C	Mx	.009	12
34	MP3C	X	0	72
35	MP3C	Z	9.525	72
36	MP3C	Mx	.009	72
37	MP4A	X	0	27
38	MP4A	Z	5.138	27
39	MP4A	Mx	0	27
40	MP4A	X	0	51
41	MP4A	Z	5.138	51
42	MP4A	Mx	0	51
43	MP4B	X	0	27

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
44	MP4B	Z	2.766	27
45	MP4B	Mx	-.001	27
46	MP4B	X	0	51
47	MP4B	Z	2.766	51
48	MP4B	Mx	-.001	51
49	MP4C	X	0	27
50	MP4C	Z	2.766	27
51	MP4C	Mx	.001	27
52	MP4C	X	0	51
53	MP4C	Z	2.766	51
54	MP4C	Mx	.001	51
55	M136A	X	0	12
56	M136A	Z	4.099	12
57	M136A	Mx	0	12
58	M139	X	0	12
59	M139	Z	3.957	12
60	M139	Mx	0	12
61	MP1A	X	0	12
62	MP1A	Z	9.046	12
63	MP1A	Mx	0	12
64	MP1A	X	0	72
65	MP1A	Z	9.046	72
66	MP1A	Mx	0	72
67	MP1B	X	0	12
68	MP1B	Z	5.988	12
69	MP1B	Mx	-.003	12
70	MP1B	X	0	72
71	MP1B	Z	5.988	72
72	MP1B	Mx	-.003	72
73	MP1C	X	0	12
74	MP1C	Z	5.988	12
75	MP1C	Mx	.003	12
76	MP1C	X	0	72
77	MP1C	Z	5.988	72
78	MP1C	Mx	.003	72
79	M130B	X	0	12
80	M130B	Z	4.099	12
81	M130B	Mx	0	12
82	MP5C	X	0	12
83	MP5C	Z	4.099	12
84	MP5C	Mx	0	12
85	M133A	X	0	12
86	M133A	Z	3.957	12
87	M133A	Mx	0	12
88	M127A	X	0	12
89	M127A	Z	3.957	12
90	M127A	Mx	0	12

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP3A	X	-5.519	12
2	MP3A	Z	9.559	12
3	MP3A	Mx	.011	12
4	MP3A	X	-5.519	72
5	MP3A	Z	9.559	72
6	MP3A	Mx	.011	72

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
7	MP3B	X	-4.384	12
8	MP3B	Z	7.594	12
9	MP3B	Mx	-.006	12
10	MP3B	X	-4.384	72
11	MP3B	Z	7.594	72
12	MP3B	Mx	-.006	72
13	MP3C	X	-5.519	12
14	MP3C	Z	9.559	12
15	MP3C	Mx	-.004	12
16	MP3C	X	-5.519	72
17	MP3C	Z	9.559	72
18	MP3C	Mx	-.004	72
19	MP3A	X	-5.519	12
20	MP3A	Z	9.559	12
21	MP3A	Mx	-.004	12
22	MP3A	X	-5.519	72
23	MP3A	Z	9.559	72
24	MP3A	Mx	-.004	72
25	MP3B	X	-4.384	12
26	MP3B	Z	7.594	12
27	MP3B	Mx	-.006	12
28	MP3B	X	-4.384	72
29	MP3B	Z	7.594	72
30	MP3B	Mx	-.006	72
31	MP3C	X	-5.519	12
32	MP3C	Z	9.559	12
33	MP3C	Mx	.011	12
34	MP3C	X	-5.519	72
35	MP3C	Z	9.559	72
36	MP3C	Mx	.011	72
37	MP4A	X	-2.174	27
38	MP4A	Z	3.765	27
39	MP4A	Mx	.001	27
40	MP4A	X	-2.174	51
41	MP4A	Z	3.765	51
42	MP4A	Mx	.001	51
43	MP4B	X	-.988	27
44	MP4B	Z	1.711	27
45	MP4B	Mx	-.000988	27
46	MP4B	X	-.988	51
47	MP4B	Z	1.711	51
48	MP4B	Mx	-.000988	51
49	MP4C	X	-2.174	27
50	MP4C	Z	3.765	27
51	MP4C	Mx	.001	27
52	MP4C	X	-2.174	51
53	MP4C	Z	3.765	51
54	MP4C	Mx	.001	51
55	M136A	X	-1.679	12
56	M136A	Z	2.908	12
57	M136A	Mx	0	12
58	M139	X	-1.466	12
59	M139	Z	2.539	12
60	M139	Mx	0	12
61	MP1A	X	-4.013	12
62	MP1A	Z	6.951	12
63	MP1A	Mx	.003	12

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
64	MP1A	X	-4.013	72
65	MP1A	Z	6.951	72
66	MP1A	Mx	.003	72
67	MP1B	X	-2.484	12
68	MP1B	Z	4.303	12
69	MP1B	Mx	-.003	12
70	MP1B	X	-2.484	72
71	MP1B	Z	4.303	72
72	MP1B	Mx	-.003	72
73	MP1C	X	-4.013	12
74	MP1C	Z	6.951	12
75	MP1C	Mx	.003	12
76	MP1C	X	-4.013	72
77	MP1C	Z	6.951	72
78	MP1C	Mx	.003	72
79	M130B	X	-1.679	12
80	M130B	Z	2.908	12
81	M130B	Mx	0	12
82	MP5C	X	-1.679	12
83	MP5C	Z	2.908	12
84	MP5C	Mx	0	12
85	M133A	X	-1.466	12
86	M133A	Z	2.539	12
87	M133A	Mx	0	12
88	M127A	X	-1.466	12
89	M127A	Z	2.539	12
90	M127A	Mx	0	12

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP3A	X	-8.249	12
2	MP3A	Z	4.763	12
3	MP3A	Mx	.009	12
4	MP3A	X	-8.249	72
5	MP3A	Z	4.763	72
6	MP3A	Mx	.009	72
7	MP3B	X	-8.249	12
8	MP3B	Z	4.763	12
9	MP3B	Mx	-.002	12
10	MP3B	X	-8.249	72
11	MP3B	Z	4.763	72
12	MP3B	Mx	-.002	72
13	MP3C	X	-10.214	12
14	MP3C	Z	5.897	12
15	MP3C	Mx	-.01	12
16	MP3C	X	-10.214	72
17	MP3C	Z	5.897	72
18	MP3C	Mx	-.01	72
19	MP3A	X	-8.249	12
20	MP3A	Z	4.763	12
21	MP3A	Mx	.002	12
22	MP3A	X	-8.249	72
23	MP3A	Z	4.763	72
24	MP3A	Mx	.002	72
25	MP3B	X	-8.249	12
26	MP3B	Z	4.763	12

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
27	MP3B	Mx	-.009	12
28	MP3B	X	-8.249	72
29	MP3B	Z	4.763	72
30	MP3B	Mx	-.009	72
31	MP3C	X	-10.214	12
32	MP3C	Z	5.897	12
33	MP3C	Mx	.01	12
34	MP3C	X	-10.214	72
35	MP3C	Z	5.897	72
36	MP3C	Mx	.01	72
37	MP4A	X	-2.396	27
38	MP4A	Z	1.383	27
39	MP4A	Mx	.001	27
40	MP4A	X	-2.396	51
41	MP4A	Z	1.383	51
42	MP4A	Mx	.001	51
43	MP4B	X	-2.396	27
44	MP4B	Z	1.383	27
45	MP4B	Mx	-.001	27
46	MP4B	X	-2.396	51
47	MP4B	Z	1.383	51
48	MP4B	Mx	-.001	51
49	MP4C	X	-4.45	27
50	MP4C	Z	2.569	27
51	MP4C	Mx	0	27
52	MP4C	X	-4.45	51
53	MP4C	Z	2.569	51
54	MP4C	Mx	0	51
55	M136A	X	-2.587	12
56	M136A	Z	1.494	12
57	M136A	Mx	0	12
58	M139	X	-2.096	12
59	M139	Z	1.21	12
60	M139	Mx	0	12
61	MP1A	X	-5.186	12
62	MP1A	Z	2.994	12
63	MP1A	Mx	.003	12
64	MP1A	X	-5.186	72
65	MP1A	Z	2.994	72
66	MP1A	Mx	.003	72
67	MP1B	X	-5.186	12
68	MP1B	Z	2.994	12
69	MP1B	Mx	-.003	12
70	MP1B	X	-5.186	72
71	MP1B	Z	2.994	72
72	MP1B	Mx	-.003	72
73	MP1C	X	-7.834	12
74	MP1C	Z	4.523	12
75	MP1C	Mx	0	12
76	MP1C	X	-7.834	72
77	MP1C	Z	4.523	72
78	MP1C	Mx	0	72
79	M130B	X	-2.587	12
80	M130B	Z	1.494	12
81	M130B	Mx	0	12
82	MP5C	X	-2.587	12
83	MP5C	Z	1.494	12

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
84	MP5C	Mx	0	12
85	M133A	X	-2.096	12
86	M133A	Z	1.21	12
87	M133A	Mx	0	12
88	M127A	X	-2.096	12
89	M127A	Z	1.21	12
90	M127A	Mx	0	12

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP3A	X	-8.769	12
2	MP3A	Z	0	12
3	MP3A	Mx	.006	12
4	MP3A	X	-8.769	72
5	MP3A	Z	0	72
6	MP3A	Mx	.006	72
7	MP3B	X	-11.038	12
8	MP3B	Z	0	12
9	MP3B	Mx	.004	12
10	MP3B	X	-11.038	72
11	MP3B	Z	0	72
12	MP3B	Mx	.004	72
13	MP3C	X	-11.038	12
14	MP3C	Z	0	12
15	MP3C	Mx	-.011	12
16	MP3C	X	-11.038	72
17	MP3C	Z	0	72
18	MP3C	Mx	-.011	72
19	MP3A	X	-8.769	12
20	MP3A	Z	0	12
21	MP3A	Mx	.006	12
22	MP3A	X	-8.769	72
23	MP3A	Z	0	72
24	MP3A	Mx	.006	72
25	MP3B	X	-11.038	12
26	MP3B	Z	0	12
27	MP3B	Mx	-.011	12
28	MP3B	X	-11.038	72
29	MP3B	Z	0	72
30	MP3B	Mx	-.011	72
31	MP3C	X	-11.038	12
32	MP3C	Z	0	12
33	MP3C	Mx	.004	12
34	MP3C	X	-11.038	72
35	MP3C	Z	0	72
36	MP3C	Mx	.004	72
37	MP4A	X	-1.975	27
38	MP4A	Z	0	27
39	MP4A	Mx	.000988	27
40	MP4A	X	-1.975	51
41	MP4A	Z	0	51
42	MP4A	Mx	.000988	51
43	MP4B	X	-4.348	27
44	MP4B	Z	0	27
45	MP4B	Mx	-.001	27
46	MP4B	X	-4.348	51

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
47	MP4B	Z	0	51
48	MP4B	Mx	-.001	51
49	MP4C	X	-4.348	27
50	MP4C	Z	0	27
51	MP4C	Mx	-.001	27
52	MP4C	X	-4.348	51
53	MP4C	Z	0	51
54	MP4C	Mx	-.001	51
55	M136A	X	-3.358	12
56	M136A	Z	0	12
57	M136A	Mx	0	12
58	M139	X	-2.932	12
59	M139	Z	0	12
60	M139	Mx	0	12
61	MP1A	X	-4.969	12
62	MP1A	Z	0	12
63	MP1A	Mx	.003	12
64	MP1A	X	-4.969	72
65	MP1A	Z	0	72
66	MP1A	Mx	.003	72
67	MP1B	X	-8.027	12
68	MP1B	Z	0	12
69	MP1B	Mx	-.003	12
70	MP1B	X	-8.027	72
71	MP1B	Z	0	72
72	MP1B	Mx	-.003	72
73	MP1C	X	-8.027	12
74	MP1C	Z	0	12
75	MP1C	Mx	-.003	12
76	MP1C	X	-8.027	72
77	MP1C	Z	0	72
78	MP1C	Mx	-.003	72
79	M130B	X	-3.358	12
80	M130B	Z	0	12
81	M130B	Mx	0	12
82	MP5C	X	-3.358	12
83	MP5C	Z	0	12
84	MP5C	Mx	0	12
85	M133A	X	-2.932	12
86	M133A	Z	0	12
87	M133A	Mx	0	12
88	M127A	X	-2.932	12
89	M127A	Z	0	12
90	M127A	Mx	0	12

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP3A	X	-8.249	12
2	MP3A	Z	-4.763	12
3	MP3A	Mx	.002	12
4	MP3A	X	-8.249	72
5	MP3A	Z	-4.763	72
6	MP3A	Mx	.002	72
7	MP3B	X	-10.214	12
8	MP3B	Z	-5.897	12
9	MP3B	Mx	.01	12

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
10	MP3B	X	-10.214	72
11	MP3B	Z	-5.897	72
12	MP3B	Mx	.01	72
13	MP3C	X	-8.249	12
14	MP3C	Z	-4.763	12
15	MP3C	Mx	-.009	12
16	MP3C	X	-8.249	72
17	MP3C	Z	-4.763	72
18	MP3C	Mx	-.009	72
19	MP3A	X	-8.249	12
20	MP3A	Z	-4.763	12
21	MP3A	Mx	.009	12
22	MP3A	X	-8.249	72
23	MP3A	Z	-4.763	72
24	MP3A	Mx	.009	72
25	MP3B	X	-10.214	12
26	MP3B	Z	-5.897	12
27	MP3B	Mx	-.01	12
28	MP3B	X	-10.214	72
29	MP3B	Z	-5.897	72
30	MP3B	Mx	-.01	72
31	MP3C	X	-8.249	12
32	MP3C	Z	-4.763	12
33	MP3C	Mx	-.002	12
34	MP3C	X	-8.249	72
35	MP3C	Z	-4.763	72
36	MP3C	Mx	-.002	72
37	MP4A	X	-2.396	27
38	MP4A	Z	-1.383	27
39	MP4A	Mx	.001	27
40	MP4A	X	-2.396	51
41	MP4A	Z	-1.383	51
42	MP4A	Mx	.001	51
43	MP4B	X	-4.45	27
44	MP4B	Z	-2.569	27
45	MP4B	Mx	0	27
46	MP4B	X	-4.45	51
47	MP4B	Z	-2.569	51
48	MP4B	Mx	0	51
49	MP4C	X	-2.396	27
50	MP4C	Z	-1.383	27
51	MP4C	Mx	-.001	27
52	MP4C	X	-2.396	51
53	MP4C	Z	-1.383	51
54	MP4C	Mx	-.001	51
55	M136A	X	-3.55	12
56	M136A	Z	-2.049	12
57	M136A	Mx	0	12
58	M139	X	-3.427	12
59	M139	Z	-1.978	12
60	M139	Mx	0	12
61	MP1A	X	-5.186	12
62	MP1A	Z	-2.994	12
63	MP1A	Mx	.003	12
64	MP1A	X	-5.186	72
65	MP1A	Z	-2.994	72
66	MP1A	Mx	.003	72

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
67	MP1B	X	-7.834	12
68	MP1B	Z	-4.523	12
69	MP1B	Mx	0	12
70	MP1B	X	-7.834	72
71	MP1B	Z	-4.523	72
72	MP1B	Mx	0	72
73	MP1C	X	-5.186	12
74	MP1C	Z	-2.994	12
75	MP1C	Mx	-.003	12
76	MP1C	X	-5.186	72
77	MP1C	Z	-2.994	72
78	MP1C	Mx	-.003	72
79	M130B	X	-3.55	12
80	M130B	Z	-2.049	12
81	M130B	Mx	0	12
82	MP5C	X	-3.55	12
83	MP5C	Z	-2.049	12
84	MP5C	Mx	0	12
85	M133A	X	-3.427	12
86	M133A	Z	-1.978	12
87	M133A	Mx	0	12
88	M127A	X	-3.427	12
89	M127A	Z	-1.978	12
90	M127A	Mx	0	12

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP3A	X	-5.519	12
2	MP3A	Z	-9.559	12
3	MP3A	Mx	-.004	12
4	MP3A	X	-5.519	72
5	MP3A	Z	-9.559	72
6	MP3A	Mx	-.004	72
7	MP3B	X	-5.519	12
8	MP3B	Z	-9.559	12
9	MP3B	Mx	.011	12
10	MP3B	X	-5.519	72
11	MP3B	Z	-9.559	72
12	MP3B	Mx	.011	72
13	MP3C	X	-4.384	12
14	MP3C	Z	-7.594	12
15	MP3C	Mx	-.006	12
16	MP3C	X	-4.384	72
17	MP3C	Z	-7.594	72
18	MP3C	Mx	-.006	72
19	MP3A	X	-5.519	12
20	MP3A	Z	-9.559	12
21	MP3A	Mx	.011	12
22	MP3A	X	-5.519	72
23	MP3A	Z	-9.559	72
24	MP3A	Mx	.011	72
25	MP3B	X	-5.519	12
26	MP3B	Z	-9.559	12
27	MP3B	Mx	-.004	12
28	MP3B	X	-5.519	72
29	MP3B	Z	-9.559	72

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
30	MP3B	Mx	-.004	72
31	MP3C	X	-4.384	12
32	MP3C	Z	-7.594	12
33	MP3C	Mx	-.006	12
34	MP3C	X	-4.384	72
35	MP3C	Z	-7.594	72
36	MP3C	Mx	-.006	72
37	MP4A	X	-2.174	27
38	MP4A	Z	-3.765	27
39	MP4A	Mx	.001	27
40	MP4A	X	-2.174	51
41	MP4A	Z	-3.765	51
42	MP4A	Mx	.001	51
43	MP4B	X	-2.174	27
44	MP4B	Z	-3.765	27
45	MP4B	Mx	.001	27
46	MP4B	X	-2.174	51
47	MP4B	Z	-3.765	51
48	MP4B	Mx	.001	51
49	MP4C	X	-.988	27
50	MP4C	Z	-1.711	27
51	MP4C	Mx	-.000988	27
52	MP4C	X	-.988	51
53	MP4C	Z	-1.711	51
54	MP4C	Mx	-.000988	51
55	M136A	X	-2.235	12
56	M136A	Z	-3.87	12
57	M136A	Mx	0	12
58	M139	X	-2.235	12
59	M139	Z	-3.87	12
60	M139	Mx	0	12
61	MP1A	X	-4.013	12
62	MP1A	Z	-6.951	12
63	MP1A	Mx	.003	12
64	MP1A	X	-4.013	72
65	MP1A	Z	-6.951	72
66	MP1A	Mx	.003	72
67	MP1B	X	-4.013	12
68	MP1B	Z	-6.951	12
69	MP1B	Mx	.003	12
70	MP1B	X	-4.013	72
71	MP1B	Z	-6.951	72
72	MP1B	Mx	.003	72
73	MP1C	X	-2.484	12
74	MP1C	Z	-4.303	12
75	MP1C	Mx	-.003	12
76	MP1C	X	-2.484	72
77	MP1C	Z	-4.303	72
78	MP1C	Mx	-.003	72
79	M130B	X	-2.235	12
80	M130B	Z	-3.87	12
81	M130B	Mx	0	12
82	MP5C	X	-2.235	12
83	MP5C	Z	-3.87	12
84	MP5C	Mx	0	12
85	M133A	X	-2.235	12
86	M133A	Z	-3.87	12

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
87	M133A	Mx	0	12
88	M127A	X	-2.235	12
89	M127A	Z	-3.87	12
90	M127A	Mx	0	12

Member Point Loads (BLC 77 : Lm1)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	M1	Y	-500	%75

Member Point Loads (BLC 78 : Lm2)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	M89	Y	-500	0

Member Point Loads (BLC 79 : Lv1)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	M2	Y	-250	0

Member Point Loads (BLC 80 : Lv2)

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

Member Distributed Loads (BLC 40 : Structure Di)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
1	M1	Y	-8.554	-8.554	0	%100
2	M2	Y	-8.554	-8.554	0	%100
3	M3	Y	-8.554	-8.554	0	%100
4	M4	Y	-8.554	-8.554	0	%100
5	M5	Y	-8.554	-8.554	0	%100
6	M6	Y	-8.554	-8.554	0	%100
7	M7	Y	-8.554	-8.554	0	%100
8	M8	Y	-8.554	-8.554	0	%100
9	M9	Y	-8.554	-8.554	0	%100
10	M13	Y	-12.183	-12.183	0	%100
11	M14A	Y	-12.183	-12.183	0	%100
12	M18	Y	-12.183	-12.183	0	%100
13	M22	Y	-9.896	-9.896	0	%100
14	M23	Y	-9.896	-9.896	0	%100
15	M24	Y	-9.896	-9.896	0	%100
16	M25	Y	-7.143	-7.143	0	%100
17	M26	Y	-7.143	-7.143	0	%100
18	M27	Y	-7.143	-7.143	0	%100
19	M34	Y	-12.183	-12.183	0	%100
20	M35	Y	-9.896	-9.896	0	%100
21	M42	Y	-12.183	-12.183	0	%100
22	M43	Y	-9.896	-9.896	0	%100
23	M50	Y	-12.183	-12.183	0	%100
24	M51	Y	-9.896	-9.896	0	%100
25	M52	Y	-5.251	-5.251	0	%100
26	M53	Y	-5.251	-5.251	0	%100
27	M54	Y	-5.251	-5.251	0	%100
28	M55	Y	-5.251	-5.251	0	%100
29	M56	Y	-5.251	-5.251	0	%100
30	M57	Y	-5.251	-5.251	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
31	M58	Y	-5.251	-5.251	0	%100
32	M59	Y	-5.251	-5.251	0	%100
33	M60	Y	-5.251	-5.251	0	%100
34	M61	Y	-5.251	-5.251	0	%100
35	M62	Y	-5.251	-5.251	0	%100
36	M63	Y	-5.251	-5.251	0	%100
37	M64	Y	-5.251	-5.251	0	%100
38	M65	Y	-5.251	-5.251	0	%100
39	M66	Y	-5.251	-5.251	0	%100
40	M67	Y	-5.251	-5.251	0	%100
41	M68	Y	-5.251	-5.251	0	%100
42	M69	Y	-5.251	-5.251	0	%100
43	M70	Y	-5.251	-5.251	0	%100
44	M71	Y	-5.251	-5.251	0	%100
45	M72	Y	-5.251	-5.251	0	%100
46	M73	Y	-5.251	-5.251	0	%100
47	M74	Y	-5.251	-5.251	0	%100
48	M79	Y	-5.251	-5.251	0	%100
49	M80	Y	-5.251	-5.251	0	%100
50	M85	Y	-5.251	-5.251	0	%100
51	M86	Y	-5.251	-5.251	0	%100
52	MP3A	Y	-4.644	-4.644	0	%100
53	MP4A	Y	-4.644	-4.644	0	%100
54	MP1A	Y	-4.644	-4.644	0	%100
55	MP4C	Y	-4.644	-4.644	0	%100
56	MP1C	Y	-4.644	-4.644	0	%100
57	MP4B	Y	-4.644	-4.644	0	%100
58	MP1B	Y	-4.644	-4.644	0	%100
59	M127	Y	-8.554	-8.554	0	%100
60	M128	Y	-8.554	-8.554	0	%100
61	M129	Y	-5.251	-5.251	0	%100
62	M130	Y	-5.251	-5.251	0	%100
63	M131	Y	-2.469	-2.469	0	%100
64	M132	Y	-2.469	-2.469	0	%100
65	M133	Y	-2.469	-2.469	0	%100
66	M134	Y	-2.469	-2.469	0	%100
67	M135	Y	-2.469	-2.469	0	%100
68	MP2A	Y	-4.644	-4.644	0	%100
69	MP3C	Y	-4.644	-4.644	0	%100
70	MP3B	Y	-4.644	-4.644	0	%100
71	MP5C	Y	-4.644	-4.644	0	%100
72	MP2C	Y	-4.644	-4.644	0	%100
73	MP2B	Y	-4.644	-4.644	0	%100
74	M127A	Y	-4.644	-4.644	0	%100
75	M130B	Y	-4.644	-4.644	0	%100
76	M133A	Y	-4.644	-4.644	0	%100
77	M136A	Y	-4.644	-4.644	0	%100
78	M139	Y	-4.644	-4.644	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
1	M1	X	0	0	0	%100
2	M1	Z	-24.965	-24.965	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	-24.965	-24.965	0	%100
5	M3	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
6	M3	Z	-6.241	-6.241	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	-6.241	-6.241	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	-6.241	-6.241	0	%100
11	M6	X	0	0	0	%100
12	M6	Z	-6.241	-6.241	0	%100
13	M7	X	0	0	0	%100
14	M7	Z	-24.673	-24.673	0	%100
15	M8	X	0	0	0	%100
16	M8	Z	-6.168	-6.168	0	%100
17	M9	X	0	0	0	%100
18	M9	Z	-6.168	-6.168	0	%100
19	M13	X	0	0	0	%100
20	M13	Z	-.353	-.353	0	%100
21	M14A	X	0	0	0	%100
22	M14A	Z	-.353	-.353	0	%100
23	M18	X	0	0	0	%100
24	M18	Z	-1.41	-1.41	0	%100
25	M22	X	0	0	0	%100
26	M22	Z	0	0	0	%100
27	M23	X	0	0	0	%100
28	M23	Z	-5.515	-5.515	0	%100
29	M24	X	0	0	0	%100
30	M24	Z	-5.515	-5.515	0	%100
31	M25	X	0	0	0	%100
32	M25	Z	-4.701	-4.701	0	%100
33	M26	X	0	0	0	%100
34	M26	Z	-18.802	-18.802	0	%100
35	M27	X	0	0	0	%100
36	M27	Z	-4.701	-4.701	0	%100
37	M34	X	0	0	0	%100
38	M34	Z	-.353	-.353	0	%100
39	M35	X	0	0	0	%100
40	M35	Z	-5.515	-5.515	0	%100
41	M42	X	0	0	0	%100
42	M42	Z	-.353	-.353	0	%100
43	M43	X	0	0	0	%100
44	M43	Z	-5.515	-5.515	0	%100
45	M50	X	0	0	0	%100
46	M50	Z	-1.41	-1.41	0	%100
47	M51	X	0	0	0	%100
48	M51	Z	0	0	0	%100
49	M52	X	0	0	0	%100
50	M52	Z	-11.177	-11.177	0	%100
51	M53	X	0	0	0	%100
52	M53	Z	-11.177	-11.177	0	%100
53	M54	X	0	0	0	%100
54	M54	Z	-10.968	-10.968	0	%100
55	M55	X	0	0	0	%100
56	M55	Z	-11.177	-11.177	0	%100
57	M56	X	0	0	0	%100
58	M56	Z	-11.177	-11.177	0	%100
59	M57	X	0	0	0	%100
60	M57	Z	-12.535	-12.535	0	%100
61	M58	X	0	0	0	%100
62	M58	Z	-12.535	-12.535	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
63	M59	X	0	0	0	%100
64	M59	Z	-11.177	-11.177	0	%100
65	M60	X	0	0	0	%100
66	M60	Z	-11.177	-11.177	0	%100
67	M61	X	0	0	0	%100
68	M61	Z	-2.742	-2.742	0	%100
69	M62	X	0	0	0	%100
70	M62	Z	-11.177	-11.177	0	%100
71	M63	X	0	0	0	%100
72	M63	Z	-11.177	-11.177	0	%100
73	M64	X	0	0	0	%100
74	M64	Z	-7.411	-7.411	0	%100
75	M65	X	0	0	0	%100
76	M65	Z	-7.411	-7.411	0	%100
77	M66	X	0	0	0	%100
78	M66	Z	-11.177	-11.177	0	%100
79	M67	X	0	0	0	%100
80	M67	Z	-11.177	-11.177	0	%100
81	M68	X	0	0	0	%100
82	M68	Z	-2.742	-2.742	0	%100
83	M69	X	0	0	0	%100
84	M69	Z	-11.177	-11.177	0	%100
85	M70	X	0	0	0	%100
86	M70	Z	-11.177	-11.177	0	%100
87	M71	X	0	0	0	%100
88	M71	Z	-7.411	-7.411	0	%100
89	M72	X	0	0	0	%100
90	M72	Z	-7.411	-7.411	0	%100
91	M73	X	0	0	0	%100
92	M73	Z	-5.884	-5.884	0	%100
93	M74	X	0	0	0	%100
94	M74	Z	-5.884	-5.884	0	%100
95	M79	X	0	0	0	%100
96	M79	Z	-1.471	-1.471	0	%100
97	M80	X	0	0	0	%100
98	M80	Z	-1.471	-1.471	0	%100
99	M85	X	0	0	0	%100
100	M85	Z	-1.471	-1.471	0	%100
101	M86	X	0	0	0	%100
102	M86	Z	-1.471	-1.471	0	%100
103	MP3A	X	0	0	0	%100
104	MP3A	Z	-8.931	-8.931	0	%100
105	MP4A	X	0	0	0	%100
106	MP4A	Z	-8.931	-8.931	0	%100
107	MP1A	X	0	0	0	%100
108	MP1A	Z	-8.931	-8.931	0	%100
109	MP4C	X	0	0	0	%100
110	MP4C	Z	-8.931	-8.931	0	%100
111	MP1C	X	0	0	0	%100
112	MP1C	Z	-8.931	-8.931	0	%100
113	MP4B	X	0	0	0	%100
114	MP4B	Z	-8.931	-8.931	0	%100
115	MP1B	X	0	0	0	%100
116	MP1B	Z	-8.931	-8.931	0	%100
117	M127	X	0	0	0	%100
118	M127	Z	-21.886	-21.886	0	%100
119	M128	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
120	M128	Z	0	0	0	%100
121	M129	X	0	0	0	%100
122	M129	Z	-12.535	-12.535	0	%100
123	M130	X	0	0	0	%100
124	M130	Z	-12.535	-12.535	0	%100
125	M131	X	0	0	0	%100
126	M131	Z	0	0	0	%100
127	M132	X	0	0	0	%100
128	M132	Z	0	0	0	%100
129	M133	X	0	0	0	%100
130	M133	Z	0	0	0	%100
131	M134	X	0	0	0	%100
132	M134	Z	0	0	0	%100
133	M135	X	0	0	0	%100
134	M135	Z	0	0	0	%100
135	MP2A	X	0	0	0	%100
136	MP2A	Z	-8.931	-8.931	0	%100
137	MP3C	X	0	0	0	%100
138	MP3C	Z	-8.931	-8.931	0	%100
139	MP3B	X	0	0	0	%100
140	MP3B	Z	-8.931	-8.931	0	%100
141	MP5C	X	0	0	0	%100
142	MP5C	Z	-6.468	-6.468	0	%100
143	MP2C	X	0	0	0	%100
144	MP2C	Z	-8.931	-8.931	0	%100
145	MP2B	X	0	0	0	%100
146	MP2B	Z	-8.931	-8.931	0	%100
147	M127A	X	0	0	0	%100
148	M127A	Z	-6.468	-6.468	0	%100
149	M130B	X	0	0	0	%100
150	M130B	Z	-6.468	-6.468	0	%100
151	M133A	X	0	0	0	%100
152	M133A	Z	-6.468	-6.468	0	%100
153	M136A	X	0	0	0	%100
154	M136A	Z	-6.468	-6.468	0	%100
155	M139	X	0	0	0	%100
156	M139	Z	-6.468	-6.468	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
1	M1	X	9.362	9.362	0	%100
2	M1	Z	-16.215	-16.215	0	%100
3	M2	X	9.362	9.362	0	%100
4	M2	Z	-16.215	-16.215	0	%100
5	M3	X	9.362	9.362	0	%100
6	M3	Z	-16.215	-16.215	0	%100
7	M4	X	9.362	9.362	0	%100
8	M4	Z	-16.215	-16.215	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	0	0	0	%100
11	M6	X	0	0	0	%100
12	M6	Z	0	0	0	%100
13	M7	X	9.252	9.252	0	%100
14	M7	Z	-16.025	-16.025	0	%100
15	M8	X	9.252	9.252	0	%100
16	M8	Z	-16.025	-16.025	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
17	M9	X	0	0	0	%100
18	M9	Z	0	0	0	%100
19	M13	X	.529	.529	0	%100
20	M13	Z	-.916	-.916	0	%100
21	M14A	X	0	0	0	%100
22	M14A	Z	0	0	0	%100
23	M18	X	.529	.529	0	%100
24	M18	Z	-.916	-.916	0	%100
25	M22	X	.919	.919	0	%100
26	M22	Z	-1.592	-1.592	0	%100
27	M23	X	.919	.919	0	%100
28	M23	Z	-1.592	-1.592	0	%100
29	M24	X	3.677	3.677	0	%100
30	M24	Z	-6.369	-6.369	0	%100
31	M25	X	0	0	0	%100
32	M25	Z	0	0	0	%100
33	M26	X	7.051	7.051	0	%100
34	M26	Z	-12.212	-12.212	0	%100
35	M27	X	7.051	7.051	0	%100
36	M27	Z	-12.212	-12.212	0	%100
37	M34	X	.529	.529	0	%100
38	M34	Z	-.916	-.916	0	%100
39	M35	X	.919	.919	0	%100
40	M35	Z	-1.592	-1.592	0	%100
41	M42	X	0	0	0	%100
42	M42	Z	0	0	0	%100
43	M43	X	3.677	3.677	0	%100
44	M43	Z	-6.369	-6.369	0	%100
45	M50	X	.529	.529	0	%100
46	M50	Z	-.916	-.916	0	%100
47	M51	X	.919	.919	0	%100
48	M51	Z	-1.592	-1.592	0	%100
49	M52	X	5.588	5.588	0	%100
50	M52	Z	-9.679	-9.679	0	%100
51	M53	X	5.588	5.588	0	%100
52	M53	Z	-9.679	-9.679	0	%100
53	M54	X	4.113	4.113	0	%100
54	M54	Z	-7.124	-7.124	0	%100
55	M55	X	5.588	5.588	0	%100
56	M55	Z	-9.679	-9.679	0	%100
57	M56	X	5.588	5.588	0	%100
58	M56	Z	-9.679	-9.679	0	%100
59	M57	X	5.413	5.413	0	%100
60	M57	Z	-9.376	-9.376	0	%100
61	M58	X	5.413	5.413	0	%100
62	M58	Z	-9.376	-9.376	0	%100
63	M59	X	5.588	5.588	0	%100
64	M59	Z	-9.679	-9.679	0	%100
65	M60	X	5.588	5.588	0	%100
66	M60	Z	-9.679	-9.679	0	%100
67	M61	X	4.113	4.113	0	%100
68	M61	Z	-7.124	-7.124	0	%100
69	M62	X	5.588	5.588	0	%100
70	M62	Z	-9.679	-9.679	0	%100
71	M63	X	5.588	5.588	0	%100
72	M63	Z	-9.679	-9.679	0	%100
73	M64	X	5.413	5.413	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
74	M64	Z	-9.376	-9.376	0	%100
75	M65	X	5.413	5.413	0	%100
76	M65	Z	-9.376	-9.376	0	%100
77	M66	X	5.588	5.588	0	%100
78	M66	Z	-9.679	-9.679	0	%100
79	M67	X	5.588	5.588	0	%100
80	M67	Z	-9.679	-9.679	0	%100
81	M68	X	0	0	0	%100
82	M68	Z	0	0	0	%100
83	M69	X	5.588	5.588	0	%100
84	M69	Z	-9.679	-9.679	0	%100
85	M70	X	5.588	5.588	0	%100
86	M70	Z	-9.679	-9.679	0	%100
87	M71	X	2.851	2.851	0	%100
88	M71	Z	-4.938	-4.938	0	%100
89	M72	X	2.851	2.851	0	%100
90	M72	Z	-4.938	-4.938	0	%100
91	M73	X	2.207	2.207	0	%100
92	M73	Z	-3.822	-3.822	0	%100
93	M74	X	2.207	2.207	0	%100
94	M74	Z	-3.822	-3.822	0	%100
95	M79	X	2.207	2.207	0	%100
96	M79	Z	-3.822	-3.822	0	%100
97	M80	X	2.207	2.207	0	%100
98	M80	Z	-3.822	-3.822	0	%100
99	M85	X	0	0	0	%100
100	M85	Z	0	0	0	%100
101	M86	X	0	0	0	%100
102	M86	Z	0	0	0	%100
103	MP3A	X	4.466	4.466	0	%100
104	MP3A	Z	-7.735	-7.735	0	%100
105	MP4A	X	4.466	4.466	0	%100
106	MP4A	Z	-7.735	-7.735	0	%100
107	MP1A	X	4.466	4.466	0	%100
108	MP1A	Z	-7.735	-7.735	0	%100
109	MP4C	X	4.466	4.466	0	%100
110	MP4C	Z	-7.735	-7.735	0	%100
111	MP1C	X	4.466	4.466	0	%100
112	MP1C	Z	-7.735	-7.735	0	%100
113	MP4B	X	4.466	4.466	0	%100
114	MP4B	Z	-7.735	-7.735	0	%100
115	MP1B	X	4.466	4.466	0	%100
116	MP1B	Z	-7.735	-7.735	0	%100
117	M127	X	8.207	8.207	0	%100
118	M127	Z	-14.215	-14.215	0	%100
119	M128	X	2.533	2.533	0	%100
120	M128	Z	-4.387	-4.387	0	%100
121	M129	X	6.267	6.267	0	%100
122	M129	Z	-10.855	-10.855	0	%100
123	M130	X	6.267	6.267	0	%100
124	M130	Z	-10.855	-10.855	0	%100
125	M131	X	.329	.329	0	%100
126	M131	Z	-.569	-.569	0	%100
127	M132	X	.329	.329	0	%100
128	M132	Z	-.569	-.569	0	%100
129	M133	X	.329	.329	0	%100
130	M133	Z	-.569	-.569	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
131	M134	X	.329	.329	0	%100
132	M134	Z	-.569	-.569	0	%100
133	M135	X	.329	.329	0	%100
134	M135	Z	-.569	-.569	0	%100
135	MP2A	X	4.466	4.466	0	%100
136	MP2A	Z	-7.735	-7.735	0	%100
137	MP3C	X	4.466	4.466	0	%100
138	MP3C	Z	-7.735	-7.735	0	%100
139	MP3B	X	4.466	4.466	0	%100
140	MP3B	Z	-7.735	-7.735	0	%100
141	MP5C	X	3.234	3.234	0	%100
142	MP5C	Z	-5.601	-5.601	0	%100
143	MP2C	X	4.466	4.466	0	%100
144	MP2C	Z	-7.735	-7.735	0	%100
145	MP2B	X	4.466	4.466	0	%100
146	MP2B	Z	-7.735	-7.735	0	%100
147	M127A	X	3.234	3.234	0	%100
148	M127A	Z	-5.601	-5.601	0	%100
149	M130B	X	3.234	3.234	0	%100
150	M130B	Z	-5.601	-5.601	0	%100
151	M133A	X	3.234	3.234	0	%100
152	M133A	Z	-5.601	-5.601	0	%100
153	M136A	X	3.234	3.234	0	%100
154	M136A	Z	-5.601	-5.601	0	%100
155	M139	X	3.234	3.234	0	%100
156	M139	Z	-5.601	-5.601	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
1	M1	X	5.405	5.405	0	%100
2	M1	Z	-3.121	-3.121	0	%100
3	M2	X	5.405	5.405	0	%100
4	M2	Z	-3.121	-3.121	0	%100
5	M3	X	21.62	21.62	0	%100
6	M3	Z	-12.483	-12.483	0	%100
7	M4	X	21.62	21.62	0	%100
8	M4	Z	-12.483	-12.483	0	%100
9	M5	X	5.405	5.405	0	%100
10	M5	Z	-3.121	-3.121	0	%100
11	M6	X	5.405	5.405	0	%100
12	M6	Z	-3.121	-3.121	0	%100
13	M7	X	5.342	5.342	0	%100
14	M7	Z	-3.084	-3.084	0	%100
15	M8	X	21.367	21.367	0	%100
16	M8	Z	-12.336	-12.336	0	%100
17	M9	X	5.342	5.342	0	%100
18	M9	Z	-3.084	-3.084	0	%100
19	M13	X	1.221	1.221	0	%100
20	M13	Z	-.705	-.705	0	%100
21	M14A	X	.305	.305	0	%100
22	M14A	Z	-.176	-.176	0	%100
23	M18	X	.305	.305	0	%100
24	M18	Z	-.176	-.176	0	%100
25	M22	X	4.776	4.776	0	%100
26	M22	Z	-2.758	-2.758	0	%100
27	M23	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
28	M23	Z	0	0	0	%100
29	M24	X	4.776	4.776	0	%100
30	M24	Z	-2.758	-2.758	0	%100
31	M25	X	4.071	4.071	0	%100
32	M25	Z	-2.35	-2.35	0	%100
33	M26	X	4.071	4.071	0	%100
34	M26	Z	-2.35	-2.35	0	%100
35	M27	X	16.283	16.283	0	%100
36	M27	Z	-9.401	-9.401	0	%100
37	M34	X	1.221	1.221	0	%100
38	M34	Z	-.705	-.705	0	%100
39	M35	X	0	0	0	%100
40	M35	Z	0	0	0	%100
41	M42	X	.305	.305	0	%100
42	M42	Z	-.176	-.176	0	%100
43	M43	X	4.776	4.776	0	%100
44	M43	Z	-2.758	-2.758	0	%100
45	M50	X	.305	.305	0	%100
46	M50	Z	-.176	-.176	0	%100
47	M51	X	4.776	4.776	0	%100
48	M51	Z	-2.758	-2.758	0	%100
49	M52	X	9.679	9.679	0	%100
50	M52	Z	-5.588	-5.588	0	%100
51	M53	X	9.679	9.679	0	%100
52	M53	Z	-5.588	-5.588	0	%100
53	M54	X	2.375	2.375	0	%100
54	M54	Z	-1.371	-1.371	0	%100
55	M55	X	9.679	9.679	0	%100
56	M55	Z	-5.588	-5.588	0	%100
57	M56	X	9.679	9.679	0	%100
58	M56	Z	-5.588	-5.588	0	%100
59	M57	X	6.418	6.418	0	%100
60	M57	Z	-3.705	-3.705	0	%100
61	M58	X	6.418	6.418	0	%100
62	M58	Z	-3.705	-3.705	0	%100
63	M59	X	9.679	9.679	0	%100
64	M59	Z	-5.588	-5.588	0	%100
65	M60	X	9.679	9.679	0	%100
66	M60	Z	-5.588	-5.588	0	%100
67	M61	X	9.499	9.499	0	%100
68	M61	Z	-5.484	-5.484	0	%100
69	M62	X	9.679	9.679	0	%100
70	M62	Z	-5.588	-5.588	0	%100
71	M63	X	9.679	9.679	0	%100
72	M63	Z	-5.588	-5.588	0	%100
73	M64	X	10.855	10.855	0	%100
74	M64	Z	-6.267	-6.267	0	%100
75	M65	X	10.855	10.855	0	%100
76	M65	Z	-6.267	-6.267	0	%100
77	M66	X	9.679	9.679	0	%100
78	M66	Z	-5.588	-5.588	0	%100
79	M67	X	9.679	9.679	0	%100
80	M67	Z	-5.588	-5.588	0	%100
81	M68	X	2.375	2.375	0	%100
82	M68	Z	-1.371	-1.371	0	%100
83	M69	X	9.679	9.679	0	%100
84	M69	Z	-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,F...	Start Location[in,%]	End Location[in,%]
85	M70	X	9.679	9.679	0	%100
86	M70	Z	-5.588	-5.588	0	%100
87	M71	X	6.418	6.418	0	%100
88	M71	Z	-3.705	-3.705	0	%100
89	M72	X	6.418	6.418	0	%100
90	M72	Z	-3.705	-3.705	0	%100
91	M73	X	1.274	1.274	0	%100
92	M73	Z	-.736	-.736	0	%100
93	M74	X	1.274	1.274	0	%100
94	M74	Z	-.736	-.736	0	%100
95	M79	X	5.096	5.096	0	%100
96	M79	Z	-2.942	-2.942	0	%100
97	M80	X	5.096	5.096	0	%100
98	M80	Z	-2.942	-2.942	0	%100
99	M85	X	1.274	1.274	0	%100
100	M85	Z	-.736	-.736	0	%100
101	M86	X	1.274	1.274	0	%100
102	M86	Z	-.736	-.736	0	%100
103	MP3A	X	7.735	7.735	0	%100
104	MP3A	Z	-4.466	-4.466	0	%100
105	MP4A	X	7.735	7.735	0	%100
106	MP4A	Z	-4.466	-4.466	0	%100
107	MP1A	X	7.735	7.735	0	%100
108	MP1A	Z	-4.466	-4.466	0	%100
109	MP4C	X	7.735	7.735	0	%100
110	MP4C	Z	-4.466	-4.466	0	%100
111	MP1C	X	7.735	7.735	0	%100
112	MP1C	Z	-4.466	-4.466	0	%100
113	MP4B	X	7.735	7.735	0	%100
114	MP4B	Z	-4.466	-4.466	0	%100
115	MP1B	X	7.735	7.735	0	%100
116	MP1B	Z	-4.466	-4.466	0	%100
117	M127	X	4.738	4.738	0	%100
118	M127	Z	-2.736	-2.736	0	%100
119	M128	X	13.162	13.162	0	%100
120	M128	Z	-7.599	-7.599	0	%100
121	M129	X	10.855	10.855	0	%100
122	M129	Z	-6.267	-6.267	0	%100
123	M130	X	10.855	10.855	0	%100
124	M130	Z	-6.267	-6.267	0	%100
125	M131	X	1.707	1.707	0	%100
126	M131	Z	-.986	-.986	0	%100
127	M132	X	1.707	1.707	0	%100
128	M132	Z	-.986	-.986	0	%100
129	M133	X	1.707	1.707	0	%100
130	M133	Z	-.986	-.986	0	%100
131	M134	X	1.707	1.707	0	%100
132	M134	Z	-.986	-.986	0	%100
133	M135	X	1.707	1.707	0	%100
134	M135	Z	-.986	-.986	0	%100
135	MP2A	X	7.735	7.735	0	%100
136	MP2A	Z	-4.466	-4.466	0	%100
137	MP3C	X	7.735	7.735	0	%100
138	MP3C	Z	-4.466	-4.466	0	%100
139	MP3B	X	7.735	7.735	0	%100
140	MP3B	Z	-4.466	-4.466	0	%100
141	MP5C	X	5.601	5.601	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
142	MP5C	Z	-3.234	-3.234	0	%100
143	MP2C	X	7.735	7.735	0	%100
144	MP2C	Z	-4.466	-4.466	0	%100
145	MP2B	X	7.735	7.735	0	%100
146	MP2B	Z	-4.466	-4.466	0	%100
147	M127A	X	5.601	5.601	0	%100
148	M127A	Z	-3.234	-3.234	0	%100
149	M130B	X	5.601	5.601	0	%100
150	M130B	Z	-3.234	-3.234	0	%100
151	M133A	X	5.601	5.601	0	%100
152	M133A	Z	-3.234	-3.234	0	%100
153	M136A	X	5.601	5.601	0	%100
154	M136A	Z	-3.234	-3.234	0	%100
155	M139	X	5.601	5.601	0	%100
156	M139	Z	-3.234	-3.234	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	18.724	18.724	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	18.724	18.724	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	18.724	18.724	0	%100
10	M5	Z	0	0	0	%100
11	M6	X	18.724	18.724	0	%100
12	M6	Z	0	0	0	%100
13	M7	X	0	0	0	%100
14	M7	Z	0	0	0	%100
15	M8	X	18.504	18.504	0	%100
16	M8	Z	0	0	0	%100
17	M9	X	18.504	18.504	0	%100
18	M9	Z	0	0	0	%100
19	M13	X	1.058	1.058	0	%100
20	M13	Z	0	0	0	%100
21	M14A	X	1.058	1.058	0	%100
22	M14A	Z	0	0	0	%100
23	M18	X	0	0	0	%100
24	M18	Z	0	0	0	%100
25	M22	X	7.354	7.354	0	%100
26	M22	Z	0	0	0	%100
27	M23	X	1.838	1.838	0	%100
28	M23	Z	0	0	0	%100
29	M24	X	1.838	1.838	0	%100
30	M24	Z	0	0	0	%100
31	M25	X	14.102	14.102	0	%100
32	M25	Z	0	0	0	%100
33	M26	X	0	0	0	%100
34	M26	Z	0	0	0	%100
35	M27	X	14.102	14.102	0	%100
36	M27	Z	0	0	0	%100
37	M34	X	1.058	1.058	0	%100
38	M34	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
39	M35	X	1.838	1.838	0	%100
40	M35	Z	0	0	0	%100
41	M42	X	1.058	1.058	0	%100
42	M42	Z	0	0	0	%100
43	M43	X	1.838	1.838	0	%100
44	M43	Z	0	0	0	%100
45	M50	X	0	0	0	%100
46	M50	Z	0	0	0	%100
47	M51	X	7.354	7.354	0	%100
48	M51	Z	0	0	0	%100
49	M52	X	11.177	11.177	0	%100
50	M52	Z	0	0	0	%100
51	M53	X	11.177	11.177	0	%100
52	M53	Z	0	0	0	%100
53	M54	X	0	0	0	%100
54	M54	Z	0	0	0	%100
55	M55	X	11.177	11.177	0	%100
56	M55	Z	0	0	0	%100
57	M56	X	11.177	11.177	0	%100
58	M56	Z	0	0	0	%100
59	M57	X	5.702	5.702	0	%100
60	M57	Z	0	0	0	%100
61	M58	X	5.702	5.702	0	%100
62	M58	Z	0	0	0	%100
63	M59	X	11.177	11.177	0	%100
64	M59	Z	0	0	0	%100
65	M60	X	11.177	11.177	0	%100
66	M60	Z	0	0	0	%100
67	M61	X	8.226	8.226	0	%100
68	M61	Z	0	0	0	%100
69	M62	X	11.177	11.177	0	%100
70	M62	Z	0	0	0	%100
71	M63	X	11.177	11.177	0	%100
72	M63	Z	0	0	0	%100
73	M64	X	10.827	10.827	0	%100
74	M64	Z	0	0	0	%100
75	M65	X	10.827	10.827	0	%100
76	M65	Z	0	0	0	%100
77	M66	X	11.177	11.177	0	%100
78	M66	Z	0	0	0	%100
79	M67	X	11.177	11.177	0	%100
80	M67	Z	0	0	0	%100
81	M68	X	8.226	8.226	0	%100
82	M68	Z	0	0	0	%100
83	M69	X	11.177	11.177	0	%100
84	M69	Z	0	0	0	%100
85	M70	X	11.177	11.177	0	%100
86	M70	Z	0	0	0	%100
87	M71	X	10.827	10.827	0	%100
88	M71	Z	0	0	0	%100
89	M72	X	10.827	10.827	0	%100
90	M72	Z	0	0	0	%100
91	M73	X	0	0	0	%100
92	M73	Z	0	0	0	%100
93	M74	X	0	0	0	%100
94	M74	Z	0	0	0	%100
95	M79	X	4.413	4.413	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
96	M79	Z	0	0	0	%100
97	M80	X	4.413	4.413	0	%100
98	M80	Z	0	0	0	%100
99	M85	X	4.413	4.413	0	%100
100	M85	Z	0	0	0	%100
101	M86	X	4.413	4.413	0	%100
102	M86	Z	0	0	0	%100
103	MP3A	X	8.931	8.931	0	%100
104	MP3A	Z	0	0	0	%100
105	MP4A	X	8.931	8.931	0	%100
106	MP4A	Z	0	0	0	%100
107	MP1A	X	8.931	8.931	0	%100
108	MP1A	Z	0	0	0	%100
109	MP4C	X	8.931	8.931	0	%100
110	MP4C	Z	0	0	0	%100
111	MP1C	X	8.931	8.931	0	%100
112	MP1C	Z	0	0	0	%100
113	MP4B	X	8.931	8.931	0	%100
114	MP4B	Z	0	0	0	%100
115	MP1B	X	8.931	8.931	0	%100
116	MP1B	Z	0	0	0	%100
117	M127	X	0	0	0	%100
118	M127	Z	0	0	0	%100
119	M128	X	20.265	20.265	0	%100
120	M128	Z	0	0	0	%100
121	M129	X	12.535	12.535	0	%100
122	M129	Z	0	0	0	%100
123	M130	X	12.535	12.535	0	%100
124	M130	Z	0	0	0	%100
125	M131	X	2.629	2.629	0	%100
126	M131	Z	0	0	0	%100
127	M132	X	2.629	2.629	0	%100
128	M132	Z	0	0	0	%100
129	M133	X	2.629	2.629	0	%100
130	M133	Z	0	0	0	%100
131	M134	X	2.629	2.629	0	%100
132	M134	Z	0	0	0	%100
133	M135	X	2.629	2.629	0	%100
134	M135	Z	0	0	0	%100
135	MP2A	X	8.931	8.931	0	%100
136	MP2A	Z	0	0	0	%100
137	MP3C	X	8.931	8.931	0	%100
138	MP3C	Z	0	0	0	%100
139	MP3B	X	8.931	8.931	0	%100
140	MP3B	Z	0	0	0	%100
141	MP5C	X	6.468	6.468	0	%100
142	MP5C	Z	0	0	0	%100
143	MP2C	X	8.931	8.931	0	%100
144	MP2C	Z	0	0	0	%100
145	MP2B	X	8.931	8.931	0	%100
146	MP2B	Z	0	0	0	%100
147	M127A	X	6.468	6.468	0	%100
148	M127A	Z	0	0	0	%100
149	M130B	X	6.468	6.468	0	%100
150	M130B	Z	0	0	0	%100
151	M133A	X	6.468	6.468	0	%100
152	M133A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
153	M136A	X	6.468	6.468	0	%100
154	M136A	Z	0	0	0	%100
155	M139	X	6.468	6.468	0	%100
156	M139	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
1	M1	X	5.405	5.405	0	%100
2	M1	Z	3.121	3.121	0	%100
3	M2	X	5.405	5.405	0	%100
4	M2	Z	3.121	3.121	0	%100
5	M3	X	5.405	5.405	0	%100
6	M3	Z	3.121	3.121	0	%100
7	M4	X	5.405	5.405	0	%100
8	M4	Z	3.121	3.121	0	%100
9	M5	X	21.62	21.62	0	%100
10	M5	Z	12.483	12.483	0	%100
11	M6	X	21.62	21.62	0	%100
12	M6	Z	12.483	12.483	0	%100
13	M7	X	5.342	5.342	0	%100
14	M7	Z	3.084	3.084	0	%100
15	M8	X	5.342	5.342	0	%100
16	M8	Z	3.084	3.084	0	%100
17	M9	X	21.367	21.367	0	%100
18	M9	Z	12.336	12.336	0	%100
19	M13	X	.305	.305	0	%100
20	M13	Z	.176	.176	0	%100
21	M14A	X	1.221	1.221	0	%100
22	M14A	Z	.705	.705	0	%100
23	M18	X	.305	.305	0	%100
24	M18	Z	.176	.176	0	%100
25	M22	X	4.776	4.776	0	%100
26	M22	Z	2.758	2.758	0	%100
27	M23	X	4.776	4.776	0	%100
28	M23	Z	2.758	2.758	0	%100
29	M24	X	0	0	0	%100
30	M24	Z	0	0	0	%100
31	M25	X	16.283	16.283	0	%100
32	M25	Z	9.401	9.401	0	%100
33	M26	X	4.071	4.071	0	%100
34	M26	Z	2.35	2.35	0	%100
35	M27	X	4.071	4.071	0	%100
36	M27	Z	2.35	2.35	0	%100
37	M34	X	.305	.305	0	%100
38	M34	Z	.176	.176	0	%100
39	M35	X	4.776	4.776	0	%100
40	M35	Z	2.758	2.758	0	%100
41	M42	X	1.221	1.221	0	%100
42	M42	Z	.705	.705	0	%100
43	M43	X	0	0	0	%100
44	M43	Z	0	0	0	%100
45	M50	X	.305	.305	0	%100
46	M50	Z	.176	.176	0	%100
47	M51	X	4.776	4.776	0	%100
48	M51	Z	2.758	2.758	0	%100
49	M52	X	9.679	9.679	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
50	M52	Z	5.588	5.588	0	%100
51	M53	X	9.679	9.679	0	%100
52	M53	Z	5.588	5.588	0	%100
53	M54	X	2.375	2.375	0	%100
54	M54	Z	1.371	1.371	0	%100
55	M55	X	9.679	9.679	0	%100
56	M55	Z	5.588	5.588	0	%100
57	M56	X	9.679	9.679	0	%100
58	M56	Z	5.588	5.588	0	%100
59	M57	X	6.418	6.418	0	%100
60	M57	Z	3.705	3.705	0	%100
61	M58	X	6.418	6.418	0	%100
62	M58	Z	3.705	3.705	0	%100
63	M59	X	9.679	9.679	0	%100
64	M59	Z	5.588	5.588	0	%100
65	M60	X	9.679	9.679	0	%100
66	M60	Z	5.588	5.588	0	%100
67	M61	X	2.375	2.375	0	%100
68	M61	Z	1.371	1.371	0	%100
69	M62	X	9.679	9.679	0	%100
70	M62	Z	5.588	5.588	0	%100
71	M63	X	9.679	9.679	0	%100
72	M63	Z	5.588	5.588	0	%100
73	M64	X	6.418	6.418	0	%100
74	M64	Z	3.705	3.705	0	%100
75	M65	X	6.418	6.418	0	%100
76	M65	Z	3.705	3.705	0	%100
77	M66	X	9.679	9.679	0	%100
78	M66	Z	5.588	5.588	0	%100
79	M67	X	9.679	9.679	0	%100
80	M67	Z	5.588	5.588	0	%100
81	M68	X	9.499	9.499	0	%100
82	M68	Z	5.484	5.484	0	%100
83	M69	X	9.679	9.679	0	%100
84	M69	Z	5.588	5.588	0	%100
85	M70	X	9.679	9.679	0	%100
86	M70	Z	5.588	5.588	0	%100
87	M71	X	10.855	10.855	0	%100
88	M71	Z	6.267	6.267	0	%100
89	M72	X	10.855	10.855	0	%100
90	M72	Z	6.267	6.267	0	%100
91	M73	X	1.274	1.274	0	%100
92	M73	Z	.736	.736	0	%100
93	M74	X	1.274	1.274	0	%100
94	M74	Z	.736	.736	0	%100
95	M79	X	1.274	1.274	0	%100
96	M79	Z	.736	.736	0	%100
97	M80	X	1.274	1.274	0	%100
98	M80	Z	.736	.736	0	%100
99	M85	X	5.096	5.096	0	%100
100	M85	Z	2.942	2.942	0	%100
101	M86	X	5.096	5.096	0	%100
102	M86	Z	2.942	2.942	0	%100
103	MP3A	X	7.735	7.735	0	%100
104	MP3A	Z	4.466	4.466	0	%100
105	MP4A	X	7.735	7.735	0	%100
106	MP4A	Z	4.466	4.466	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
107	MP1A	X	7.735	7.735	0	%100
108	MP1A	Z	4.466	4.466	0	%100
109	MP4C	X	7.735	7.735	0	%100
110	MP4C	Z	4.466	4.466	0	%100
111	MP1C	X	7.735	7.735	0	%100
112	MP1C	Z	4.466	4.466	0	%100
113	MP4B	X	7.735	7.735	0	%100
114	MP4B	Z	4.466	4.466	0	%100
115	MP1B	X	7.735	7.735	0	%100
116	MP1B	Z	4.466	4.466	0	%100
117	M127	X	4.738	4.738	0	%100
118	M127	Z	2.736	2.736	0	%100
119	M128	X	13.162	13.162	0	%100
120	M128	Z	7.599	7.599	0	%100
121	M129	X	10.855	10.855	0	%100
122	M129	Z	6.267	6.267	0	%100
123	M130	X	10.855	10.855	0	%100
124	M130	Z	6.267	6.267	0	%100
125	M131	X	1.707	1.707	0	%100
126	M131	Z	.986	.986	0	%100
127	M132	X	1.707	1.707	0	%100
128	M132	Z	.986	.986	0	%100
129	M133	X	1.707	1.707	0	%100
130	M133	Z	.986	.986	0	%100
131	M134	X	1.707	1.707	0	%100
132	M134	Z	.986	.986	0	%100
133	M135	X	1.707	1.707	0	%100
134	M135	Z	.986	.986	0	%100
135	MP2A	X	7.735	7.735	0	%100
136	MP2A	Z	4.466	4.466	0	%100
137	MP3C	X	7.735	7.735	0	%100
138	MP3C	Z	4.466	4.466	0	%100
139	MP3B	X	7.735	7.735	0	%100
140	MP3B	Z	4.466	4.466	0	%100
141	MP5C	X	5.601	5.601	0	%100
142	MP5C	Z	3.234	3.234	0	%100
143	MP2C	X	7.735	7.735	0	%100
144	MP2C	Z	4.466	4.466	0	%100
145	MP2B	X	7.735	7.735	0	%100
146	MP2B	Z	4.466	4.466	0	%100
147	M127A	X	5.601	5.601	0	%100
148	M127A	Z	3.234	3.234	0	%100
149	M130B	X	5.601	5.601	0	%100
150	M130B	Z	3.234	3.234	0	%100
151	M133A	X	5.601	5.601	0	%100
152	M133A	Z	3.234	3.234	0	%100
153	M136A	X	5.601	5.601	0	%100
154	M136A	Z	3.234	3.234	0	%100
155	M139	X	5.601	5.601	0	%100
156	M139	Z	3.234	3.234	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
1	M1	X	9.362	9.362	0	%100
2	M1	Z	16.215	16.215	0	%100
3	M2	X	9.362	9.362	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
4	M2	Z	16.215	16.215	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	9.362	9.362	0	%100
10	M5	Z	16.215	16.215	0	%100
11	M6	X	9.362	9.362	0	%100
12	M6	Z	16.215	16.215	0	%100
13	M7	X	9.252	9.252	0	%100
14	M7	Z	16.025	16.025	0	%100
15	M8	X	0	0	0	%100
16	M8	Z	0	0	0	%100
17	M9	X	9.252	9.252	0	%100
18	M9	Z	16.025	16.025	0	%100
19	M13	X	0	0	0	%100
20	M13	Z	0	0	0	%100
21	M14A	X	.529	.529	0	%100
22	M14A	Z	.916	.916	0	%100
23	M18	X	.529	.529	0	%100
24	M18	Z	.916	.916	0	%100
25	M22	X	.919	.919	0	%100
26	M22	Z	1.592	1.592	0	%100
27	M23	X	3.677	3.677	0	%100
28	M23	Z	6.369	6.369	0	%100
29	M24	X	.919	.919	0	%100
30	M24	Z	1.592	1.592	0	%100
31	M25	X	7.051	7.051	0	%100
32	M25	Z	12.212	12.212	0	%100
33	M26	X	7.051	7.051	0	%100
34	M26	Z	12.212	12.212	0	%100
35	M27	X	0	0	0	%100
36	M27	Z	0	0	0	%100
37	M34	X	0	0	0	%100
38	M34	Z	0	0	0	%100
39	M35	X	3.677	3.677	0	%100
40	M35	Z	6.369	6.369	0	%100
41	M42	X	.529	.529	0	%100
42	M42	Z	.916	.916	0	%100
43	M43	X	.919	.919	0	%100
44	M43	Z	1.592	1.592	0	%100
45	M50	X	.529	.529	0	%100
46	M50	Z	.916	.916	0	%100
47	M51	X	.919	.919	0	%100
48	M51	Z	1.592	1.592	0	%100
49	M52	X	5.588	5.588	0	%100
50	M52	Z	9.679	9.679	0	%100
51	M53	X	5.588	5.588	0	%100
52	M53	Z	9.679	9.679	0	%100
53	M54	X	4.113	4.113	0	%100
54	M54	Z	7.124	7.124	0	%100
55	M55	X	5.588	5.588	0	%100
56	M55	Z	9.679	9.679	0	%100
57	M56	X	5.588	5.588	0	%100
58	M56	Z	9.679	9.679	0	%100
59	M57	X	5.413	5.413	0	%100
60	M57	Z	9.376	9.376	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
61	M58	X	5.413	5.413	0	%100
62	M58	Z	9.376	9.376	0	%100
63	M59	X	5.588	5.588	0	%100
64	M59	Z	9.679	9.679	0	%100
65	M60	X	5.588	5.588	0	%100
66	M60	Z	9.679	9.679	0	%100
67	M61	X	0	0	0	%100
68	M61	Z	0	0	0	%100
69	M62	X	5.588	5.588	0	%100
70	M62	Z	9.679	9.679	0	%100
71	M63	X	5.588	5.588	0	%100
72	M63	Z	9.679	9.679	0	%100
73	M64	X	2.851	2.851	0	%100
74	M64	Z	4.938	4.938	0	%100
75	M65	X	2.851	2.851	0	%100
76	M65	Z	4.938	4.938	0	%100
77	M66	X	5.588	5.588	0	%100
78	M66	Z	9.679	9.679	0	%100
79	M67	X	5.588	5.588	0	%100
80	M67	Z	9.679	9.679	0	%100
81	M68	X	4.113	4.113	0	%100
82	M68	Z	7.124	7.124	0	%100
83	M69	X	5.588	5.588	0	%100
84	M69	Z	9.679	9.679	0	%100
85	M70	X	5.588	5.588	0	%100
86	M70	Z	9.679	9.679	0	%100
87	M71	X	5.413	5.413	0	%100
88	M71	Z	9.376	9.376	0	%100
89	M72	X	5.413	5.413	0	%100
90	M72	Z	9.376	9.376	0	%100
91	M73	X	2.207	2.207	0	%100
92	M73	Z	3.822	3.822	0	%100
93	M74	X	2.207	2.207	0	%100
94	M74	Z	3.822	3.822	0	%100
95	M79	X	0	0	0	%100
96	M79	Z	0	0	0	%100
97	M80	X	0	0	0	%100
98	M80	Z	0	0	0	%100
99	M85	X	2.207	2.207	0	%100
100	M85	Z	3.822	3.822	0	%100
101	M86	X	2.207	2.207	0	%100
102	M86	Z	3.822	3.822	0	%100
103	MP3A	X	4.466	4.466	0	%100
104	MP3A	Z	7.735	7.735	0	%100
105	MP4A	X	4.466	4.466	0	%100
106	MP4A	Z	7.735	7.735	0	%100
107	MP1A	X	4.466	4.466	0	%100
108	MP1A	Z	7.735	7.735	0	%100
109	MP4C	X	4.466	4.466	0	%100
110	MP4C	Z	7.735	7.735	0	%100
111	MP1C	X	4.466	4.466	0	%100
112	MP1C	Z	7.735	7.735	0	%100
113	MP4B	X	4.466	4.466	0	%100
114	MP4B	Z	7.735	7.735	0	%100
115	MP1B	X	4.466	4.466	0	%100
116	MP1B	Z	7.735	7.735	0	%100
117	M127	X	8.207	8.207	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
118	M127	Z	14.215	14.215	0	%100
119	M128	X	2.533	2.533	0	%100
120	M128	Z	4.387	4.387	0	%100
121	M129	X	6.267	6.267	0	%100
122	M129	Z	10.855	10.855	0	%100
123	M130	X	6.267	6.267	0	%100
124	M130	Z	10.855	10.855	0	%100
125	M131	X	.329	.329	0	%100
126	M131	Z	.569	.569	0	%100
127	M132	X	.329	.329	0	%100
128	M132	Z	.569	.569	0	%100
129	M133	X	.329	.329	0	%100
130	M133	Z	.569	.569	0	%100
131	M134	X	.329	.329	0	%100
132	M134	Z	.569	.569	0	%100
133	M135	X	.329	.329	0	%100
134	M135	Z	.569	.569	0	%100
135	MP2A	X	4.466	4.466	0	%100
136	MP2A	Z	7.735	7.735	0	%100
137	MP3C	X	4.466	4.466	0	%100
138	MP3C	Z	7.735	7.735	0	%100
139	MP3B	X	4.466	4.466	0	%100
140	MP3B	Z	7.735	7.735	0	%100
141	MP5C	X	3.234	3.234	0	%100
142	MP5C	Z	5.601	5.601	0	%100
143	MP2C	X	4.466	4.466	0	%100
144	MP2C	Z	7.735	7.735	0	%100
145	MP2B	X	4.466	4.466	0	%100
146	MP2B	Z	7.735	7.735	0	%100
147	M127A	X	3.234	3.234	0	%100
148	M127A	Z	5.601	5.601	0	%100
149	M130B	X	3.234	3.234	0	%100
150	M130B	Z	5.601	5.601	0	%100
151	M133A	X	3.234	3.234	0	%100
152	M133A	Z	5.601	5.601	0	%100
153	M136A	X	3.234	3.234	0	%100
154	M136A	Z	5.601	5.601	0	%100
155	M139	X	3.234	3.234	0	%100
156	M139	Z	5.601	5.601	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
1	M1	X	0	0	0	%100
2	M1	Z	24.965	24.965	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	24.965	24.965	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	6.241	6.241	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	6.241	6.241	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	6.241	6.241	0	%100
11	M6	X	0	0	0	%100
12	M6	Z	6.241	6.241	0	%100
13	M7	X	0	0	0	%100
14	M7	Z	24.673	24.673	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
15	M8	X	0	0	0	%100
16	M8	Z	6.168	6.168	0	%100
17	M9	X	0	0	0	%100
18	M9	Z	6.168	6.168	0	%100
19	M13	X	0	0	0	%100
20	M13	Z	.353	.353	0	%100
21	M14A	X	0	0	0	%100
22	M14A	Z	.353	.353	0	%100
23	M18	X	0	0	0	%100
24	M18	Z	1.41	1.41	0	%100
25	M22	X	0	0	0	%100
26	M22	Z	0	0	0	%100
27	M23	X	0	0	0	%100
28	M23	Z	5.515	5.515	0	%100
29	M24	X	0	0	0	%100
30	M24	Z	5.515	5.515	0	%100
31	M25	X	0	0	0	%100
32	M25	Z	4.701	4.701	0	%100
33	M26	X	0	0	0	%100
34	M26	Z	18.802	18.802	0	%100
35	M27	X	0	0	0	%100
36	M27	Z	4.701	4.701	0	%100
37	M34	X	0	0	0	%100
38	M34	Z	.353	.353	0	%100
39	M35	X	0	0	0	%100
40	M35	Z	5.515	5.515	0	%100
41	M42	X	0	0	0	%100
42	M42	Z	.353	.353	0	%100
43	M43	X	0	0	0	%100
44	M43	Z	5.515	5.515	0	%100
45	M50	X	0	0	0	%100
46	M50	Z	1.41	1.41	0	%100
47	M51	X	0	0	0	%100
48	M51	Z	0	0	0	%100
49	M52	X	0	0	0	%100
50	M52	Z	11.177	11.177	0	%100
51	M53	X	0	0	0	%100
52	M53	Z	11.177	11.177	0	%100
53	M54	X	0	0	0	%100
54	M54	Z	10.968	10.968	0	%100
55	M55	X	0	0	0	%100
56	M55	Z	11.177	11.177	0	%100
57	M56	X	0	0	0	%100
58	M56	Z	11.177	11.177	0	%100
59	M57	X	0	0	0	%100
60	M57	Z	12.535	12.535	0	%100
61	M58	X	0	0	0	%100
62	M58	Z	12.535	12.535	0	%100
63	M59	X	0	0	0	%100
64	M59	Z	11.177	11.177	0	%100
65	M60	X	0	0	0	%100
66	M60	Z	11.177	11.177	0	%100
67	M61	X	0	0	0	%100
68	M61	Z	2.742	2.742	0	%100
69	M62	X	0	0	0	%100
70	M62	Z	11.177	11.177	0	%100
71	M63	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
72	M63	Z	11.177	11.177	0	%100
73	M64	X	0	0	0	%100
74	M64	Z	7.411	7.411	0	%100
75	M65	X	0	0	0	%100
76	M65	Z	7.411	7.411	0	%100
77	M66	X	0	0	0	%100
78	M66	Z	11.177	11.177	0	%100
79	M67	X	0	0	0	%100
80	M67	Z	11.177	11.177	0	%100
81	M68	X	0	0	0	%100
82	M68	Z	2.742	2.742	0	%100
83	M69	X	0	0	0	%100
84	M69	Z	11.177	11.177	0	%100
85	M70	X	0	0	0	%100
86	M70	Z	11.177	11.177	0	%100
87	M71	X	0	0	0	%100
88	M71	Z	7.411	7.411	0	%100
89	M72	X	0	0	0	%100
90	M72	Z	7.411	7.411	0	%100
91	M73	X	0	0	0	%100
92	M73	Z	5.884	5.884	0	%100
93	M74	X	0	0	0	%100
94	M74	Z	5.884	5.884	0	%100
95	M79	X	0	0	0	%100
96	M79	Z	1.471	1.471	0	%100
97	M80	X	0	0	0	%100
98	M80	Z	1.471	1.471	0	%100
99	M85	X	0	0	0	%100
100	M85	Z	1.471	1.471	0	%100
101	M86	X	0	0	0	%100
102	M86	Z	1.471	1.471	0	%100
103	MP3A	X	0	0	0	%100
104	MP3A	Z	8.931	8.931	0	%100
105	MP4A	X	0	0	0	%100
106	MP4A	Z	8.931	8.931	0	%100
107	MP1A	X	0	0	0	%100
108	MP1A	Z	8.931	8.931	0	%100
109	MP4C	X	0	0	0	%100
110	MP4C	Z	8.931	8.931	0	%100
111	MP1C	X	0	0	0	%100
112	MP1C	Z	8.931	8.931	0	%100
113	MP4B	X	0	0	0	%100
114	MP4B	Z	8.931	8.931	0	%100
115	MP1B	X	0	0	0	%100
116	MP1B	Z	8.931	8.931	0	%100
117	M127	X	0	0	0	%100
118	M127	Z	21.886	21.886	0	%100
119	M128	X	0	0	0	%100
120	M128	Z	0	0	0	%100
121	M129	X	0	0	0	%100
122	M129	Z	12.535	12.535	0	%100
123	M130	X	0	0	0	%100
124	M130	Z	12.535	12.535	0	%100
125	M131	X	0	0	0	%100
126	M131	Z	0	0	0	%100
127	M132	X	0	0	0	%100
128	M132	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
129	M133	X	0	0	0	%100
130	M133	Z	0	0	0	%100
131	M134	X	0	0	0	%100
132	M134	Z	0	0	0	%100
133	M135	X	0	0	0	%100
134	M135	Z	0	0	0	%100
135	MP2A	X	0	0	0	%100
136	MP2A	Z	8.931	8.931	0	%100
137	MP3C	X	0	0	0	%100
138	MP3C	Z	8.931	8.931	0	%100
139	MP3B	X	0	0	0	%100
140	MP3B	Z	8.931	8.931	0	%100
141	MP5C	X	0	0	0	%100
142	MP5C	Z	6.468	6.468	0	%100
143	MP2C	X	0	0	0	%100
144	MP2C	Z	8.931	8.931	0	%100
145	MP2B	X	0	0	0	%100
146	MP2B	Z	8.931	8.931	0	%100
147	M127A	X	0	0	0	%100
148	M127A	Z	6.468	6.468	0	%100
149	M130B	X	0	0	0	%100
150	M130B	Z	6.468	6.468	0	%100
151	M133A	X	0	0	0	%100
152	M133A	Z	6.468	6.468	0	%100
153	M136A	X	0	0	0	%100
154	M136A	Z	6.468	6.468	0	%100
155	M139	X	0	0	0	%100
156	M139	Z	6.468	6.468	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
1	M1	X	-9.362	-9.362	0	%100
2	M1	Z	16.215	16.215	0	%100
3	M2	X	-9.362	-9.362	0	%100
4	M2	Z	16.215	16.215	0	%100
5	M3	X	-9.362	-9.362	0	%100
6	M3	Z	16.215	16.215	0	%100
7	M4	X	-9.362	-9.362	0	%100
8	M4	Z	16.215	16.215	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	0	0	0	%100
11	M6	X	0	0	0	%100
12	M6	Z	0	0	0	%100
13	M7	X	-9.252	-9.252	0	%100
14	M7	Z	16.025	16.025	0	%100
15	M8	X	-9.252	-9.252	0	%100
16	M8	Z	16.025	16.025	0	%100
17	M9	X	0	0	0	%100
18	M9	Z	0	0	0	%100
19	M13	X	-.529	-.529	0	%100
20	M13	Z	.916	.916	0	%100
21	M14A	X	0	0	0	%100
22	M14A	Z	0	0	0	%100
23	M18	X	-.529	-.529	0	%100
24	M18	Z	.916	.916	0	%100
25	M22	X	-.919	-.919	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
26	M22	Z	1.592	1.592	0	%100
27	M23	X	-.919	-.919	0	%100
28	M23	Z	1.592	1.592	0	%100
29	M24	X	-3.677	-3.677	0	%100
30	M24	Z	6.369	6.369	0	%100
31	M25	X	0	0	0	%100
32	M25	Z	0	0	0	%100
33	M26	X	-7.051	-7.051	0	%100
34	M26	Z	12.212	12.212	0	%100
35	M27	X	-7.051	-7.051	0	%100
36	M27	Z	12.212	12.212	0	%100
37	M34	X	-.529	-.529	0	%100
38	M34	Z	.916	.916	0	%100
39	M35	X	-.919	-.919	0	%100
40	M35	Z	1.592	1.592	0	%100
41	M42	X	0	0	0	%100
42	M42	Z	0	0	0	%100
43	M43	X	-3.677	-3.677	0	%100
44	M43	Z	6.369	6.369	0	%100
45	M50	X	-.529	-.529	0	%100
46	M50	Z	.916	.916	0	%100
47	M51	X	-.919	-.919	0	%100
48	M51	Z	1.592	1.592	0	%100
49	M52	X	-5.588	-5.588	0	%100
50	M52	Z	9.679	9.679	0	%100
51	M53	X	-5.588	-5.588	0	%100
52	M53	Z	9.679	9.679	0	%100
53	M54	X	-4.113	-4.113	0	%100
54	M54	Z	7.124	7.124	0	%100
55	M55	X	-5.588	-5.588	0	%100
56	M55	Z	9.679	9.679	0	%100
57	M56	X	-5.588	-5.588	0	%100
58	M56	Z	9.679	9.679	0	%100
59	M57	X	-5.413	-5.413	0	%100
60	M57	Z	9.376	9.376	0	%100
61	M58	X	-5.413	-5.413	0	%100
62	M58	Z	9.376	9.376	0	%100
63	M59	X	-5.588	-5.588	0	%100
64	M59	Z	9.679	9.679	0	%100
65	M60	X	-5.588	-5.588	0	%100
66	M60	Z	9.679	9.679	0	%100
67	M61	X	-4.113	-4.113	0	%100
68	M61	Z	7.124	7.124	0	%100
69	M62	X	-5.588	-5.588	0	%100
70	M62	Z	9.679	9.679	0	%100
71	M63	X	-5.588	-5.588	0	%100
72	M63	Z	9.679	9.679	0	%100
73	M64	X	-5.413	-5.413	0	%100
74	M64	Z	9.376	9.376	0	%100
75	M65	X	-5.413	-5.413	0	%100
76	M65	Z	9.376	9.376	0	%100
77	M66	X	-5.588	-5.588	0	%100
78	M66	Z	9.679	9.679	0	%100
79	M67	X	-5.588	-5.588	0	%100
80	M67	Z	9.679	9.679	0	%100
81	M68	X	0	0	0	%100
82	M68	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
83	M69	X	-5.588	-5.588	0	%100
84	M69	Z	9.679	9.679	0	%100
85	M70	X	-5.588	-5.588	0	%100
86	M70	Z	9.679	9.679	0	%100
87	M71	X	-2.851	-2.851	0	%100
88	M71	Z	4.938	4.938	0	%100
89	M72	X	-2.851	-2.851	0	%100
90	M72	Z	4.938	4.938	0	%100
91	M73	X	-2.207	-2.207	0	%100
92	M73	Z	3.822	3.822	0	%100
93	M74	X	-2.207	-2.207	0	%100
94	M74	Z	3.822	3.822	0	%100
95	M79	X	-2.207	-2.207	0	%100
96	M79	Z	3.822	3.822	0	%100
97	M80	X	-2.207	-2.207	0	%100
98	M80	Z	3.822	3.822	0	%100
99	M85	X	0	0	0	%100
100	M85	Z	0	0	0	%100
101	M86	X	0	0	0	%100
102	M86	Z	0	0	0	%100
103	MP3A	X	-4.466	-4.466	0	%100
104	MP3A	Z	7.735	7.735	0	%100
105	MP4A	X	-4.466	-4.466	0	%100
106	MP4A	Z	7.735	7.735	0	%100
107	MP1A	X	-4.466	-4.466	0	%100
108	MP1A	Z	7.735	7.735	0	%100
109	MP4C	X	-4.466	-4.466	0	%100
110	MP4C	Z	7.735	7.735	0	%100
111	MP1C	X	-4.466	-4.466	0	%100
112	MP1C	Z	7.735	7.735	0	%100
113	MP4B	X	-4.466	-4.466	0	%100
114	MP4B	Z	7.735	7.735	0	%100
115	MP1B	X	-4.466	-4.466	0	%100
116	MP1B	Z	7.735	7.735	0	%100
117	M127	X	-8.207	-8.207	0	%100
118	M127	Z	14.215	14.215	0	%100
119	M128	X	-2.533	-2.533	0	%100
120	M128	Z	4.387	4.387	0	%100
121	M129	X	-6.267	-6.267	0	%100
122	M129	Z	10.855	10.855	0	%100
123	M130	X	-6.267	-6.267	0	%100
124	M130	Z	10.855	10.855	0	%100
125	M131	X	-.329	-.329	0	%100
126	M131	Z	.569	.569	0	%100
127	M132	X	-.329	-.329	0	%100
128	M132	Z	.569	.569	0	%100
129	M133	X	-.329	-.329	0	%100
130	M133	Z	.569	.569	0	%100
131	M134	X	-.329	-.329	0	%100
132	M134	Z	.569	.569	0	%100
133	M135	X	-.329	-.329	0	%100
134	M135	Z	.569	.569	0	%100
135	MP2A	X	-4.466	-4.466	0	%100
136	MP2A	Z	7.735	7.735	0	%100
137	MP3C	X	-4.466	-4.466	0	%100
138	MP3C	Z	7.735	7.735	0	%100
139	MP3B	X	-4.466	-4.466	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
140	MP3B	Z	7.735	7.735	0	%100
141	MP5C	X	-3.234	-3.234	0	%100
142	MP5C	Z	5.601	5.601	0	%100
143	MP2C	X	-4.466	-4.466	0	%100
144	MP2C	Z	7.735	7.735	0	%100
145	MP2B	X	-4.466	-4.466	0	%100
146	MP2B	Z	7.735	7.735	0	%100
147	M127A	X	-3.234	-3.234	0	%100
148	M127A	Z	5.601	5.601	0	%100
149	M130B	X	-3.234	-3.234	0	%100
150	M130B	Z	5.601	5.601	0	%100
151	M133A	X	-3.234	-3.234	0	%100
152	M133A	Z	5.601	5.601	0	%100
153	M136A	X	-3.234	-3.234	0	%100
154	M136A	Z	5.601	5.601	0	%100
155	M139	X	-3.234	-3.234	0	%100
156	M139	Z	5.601	5.601	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
1	M1	X	-5.405	-5.405	0	%100
2	M1	Z	3.121	3.121	0	%100
3	M2	X	-5.405	-5.405	0	%100
4	M2	Z	3.121	3.121	0	%100
5	M3	X	-21.62	-21.62	0	%100
6	M3	Z	12.483	12.483	0	%100
7	M4	X	-21.62	-21.62	0	%100
8	M4	Z	12.483	12.483	0	%100
9	M5	X	-5.405	-5.405	0	%100
10	M5	Z	3.121	3.121	0	%100
11	M6	X	-5.405	-5.405	0	%100
12	M6	Z	3.121	3.121	0	%100
13	M7	X	-5.342	-5.342	0	%100
14	M7	Z	3.084	3.084	0	%100
15	M8	X	-21.367	-21.367	0	%100
16	M8	Z	12.336	12.336	0	%100
17	M9	X	-5.342	-5.342	0	%100
18	M9	Z	3.084	3.084	0	%100
19	M13	X	-1.221	-1.221	0	%100
20	M13	Z	.705	.705	0	%100
21	M14A	X	-.305	-.305	0	%100
22	M14A	Z	.176	.176	0	%100
23	M18	X	-.305	-.305	0	%100
24	M18	Z	.176	.176	0	%100
25	M22	X	-4.776	-4.776	0	%100
26	M22	Z	2.758	2.758	0	%100
27	M23	X	0	0	0	%100
28	M23	Z	0	0	0	%100
29	M24	X	-4.776	-4.776	0	%100
30	M24	Z	2.758	2.758	0	%100
31	M25	X	-4.071	-4.071	0	%100
32	M25	Z	2.35	2.35	0	%100
33	M26	X	-4.071	-4.071	0	%100
34	M26	Z	2.35	2.35	0	%100
35	M27	X	-16.283	-16.283	0	%100
36	M27	Z	9.401	9.401	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
37	M34	X	-1.221	-1.221	0	%100
38	M34	Z	.705	.705	0	%100
39	M35	X	0	0	0	%100
40	M35	Z	0	0	0	%100
41	M42	X	-.305	-.305	0	%100
42	M42	Z	.176	.176	0	%100
43	M43	X	-4.776	-4.776	0	%100
44	M43	Z	2.758	2.758	0	%100
45	M50	X	-.305	-.305	0	%100
46	M50	Z	.176	.176	0	%100
47	M51	X	-4.776	-4.776	0	%100
48	M51	Z	2.758	2.758	0	%100
49	M52	X	-9.679	-9.679	0	%100
50	M52	Z	5.588	5.588	0	%100
51	M53	X	-9.679	-9.679	0	%100
52	M53	Z	5.588	5.588	0	%100
53	M54	X	-2.375	-2.375	0	%100
54	M54	Z	1.371	1.371	0	%100
55	M55	X	-9.679	-9.679	0	%100
56	M55	Z	5.588	5.588	0	%100
57	M56	X	-9.679	-9.679	0	%100
58	M56	Z	5.588	5.588	0	%100
59	M57	X	-6.418	-6.418	0	%100
60	M57	Z	3.705	3.705	0	%100
61	M58	X	-6.418	-6.418	0	%100
62	M58	Z	3.705	3.705	0	%100
63	M59	X	-9.679	-9.679	0	%100
64	M59	Z	5.588	5.588	0	%100
65	M60	X	-9.679	-9.679	0	%100
66	M60	Z	5.588	5.588	0	%100
67	M61	X	-9.499	-9.499	0	%100
68	M61	Z	5.484	5.484	0	%100
69	M62	X	-9.679	-9.679	0	%100
70	M62	Z	5.588	5.588	0	%100
71	M63	X	-9.679	-9.679	0	%100
72	M63	Z	5.588	5.588	0	%100
73	M64	X	-10.855	-10.855	0	%100
74	M64	Z	6.267	6.267	0	%100
75	M65	X	-10.855	-10.855	0	%100
76	M65	Z	6.267	6.267	0	%100
77	M66	X	-9.679	-9.679	0	%100
78	M66	Z	5.588	5.588	0	%100
79	M67	X	-9.679	-9.679	0	%100
80	M67	Z	5.588	5.588	0	%100
81	M68	X	-2.375	-2.375	0	%100
82	M68	Z	1.371	1.371	0	%100
83	M69	X	-9.679	-9.679	0	%100
84	M69	Z	5.588	5.588	0	%100
85	M70	X	-9.679	-9.679	0	%100
86	M70	Z	5.588	5.588	0	%100
87	M71	X	-6.418	-6.418	0	%100
88	M71	Z	3.705	3.705	0	%100
89	M72	X	-6.418	-6.418	0	%100
90	M72	Z	3.705	3.705	0	%100
91	M73	X	-1.274	-1.274	0	%100
92	M73	Z	.736	.736	0	%100
93	M74	X	-1.274	-1.274	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
94	M74	Z	.736	.736	0	%100
95	M79	X	-5.096	-5.096	0	%100
96	M79	Z	2.942	2.942	0	%100
97	M80	X	-5.096	-5.096	0	%100
98	M80	Z	2.942	2.942	0	%100
99	M85	X	-1.274	-1.274	0	%100
100	M85	Z	.736	.736	0	%100
101	M86	X	-1.274	-1.274	0	%100
102	M86	Z	.736	.736	0	%100
103	MP3A	X	-7.735	-7.735	0	%100
104	MP3A	Z	4.466	4.466	0	%100
105	MP4A	X	-7.735	-7.735	0	%100
106	MP4A	Z	4.466	4.466	0	%100
107	MP1A	X	-7.735	-7.735	0	%100
108	MP1A	Z	4.466	4.466	0	%100
109	MP4C	X	-7.735	-7.735	0	%100
110	MP4C	Z	4.466	4.466	0	%100
111	MP1C	X	-7.735	-7.735	0	%100
112	MP1C	Z	4.466	4.466	0	%100
113	MP4B	X	-7.735	-7.735	0	%100
114	MP4B	Z	4.466	4.466	0	%100
115	MP1B	X	-7.735	-7.735	0	%100
116	MP1B	Z	4.466	4.466	0	%100
117	M127	X	-4.738	-4.738	0	%100
118	M127	Z	2.736	2.736	0	%100
119	M128	X	-13.162	-13.162	0	%100
120	M128	Z	7.599	7.599	0	%100
121	M129	X	-10.855	-10.855	0	%100
122	M129	Z	6.267	6.267	0	%100
123	M130	X	-10.855	-10.855	0	%100
124	M130	Z	6.267	6.267	0	%100
125	M131	X	-1.707	-1.707	0	%100
126	M131	Z	.986	.986	0	%100
127	M132	X	-1.707	-1.707	0	%100
128	M132	Z	.986	.986	0	%100
129	M133	X	-1.707	-1.707	0	%100
130	M133	Z	.986	.986	0	%100
131	M134	X	-1.707	-1.707	0	%100
132	M134	Z	.986	.986	0	%100
133	M135	X	-1.707	-1.707	0	%100
134	M135	Z	.986	.986	0	%100
135	MP2A	X	-7.735	-7.735	0	%100
136	MP2A	Z	4.466	4.466	0	%100
137	MP3C	X	-7.735	-7.735	0	%100
138	MP3C	Z	4.466	4.466	0	%100
139	MP3B	X	-7.735	-7.735	0	%100
140	MP3B	Z	4.466	4.466	0	%100
141	MP5C	X	-5.601	-5.601	0	%100
142	MP5C	Z	3.234	3.234	0	%100
143	MP2C	X	-7.735	-7.735	0	%100
144	MP2C	Z	4.466	4.466	0	%100
145	MP2B	X	-7.735	-7.735	0	%100
146	MP2B	Z	4.466	4.466	0	%100
147	M127A	X	-5.601	-5.601	0	%100
148	M127A	Z	3.234	3.234	0	%100
149	M130B	X	-5.601	-5.601	0	%100
150	M130B	Z	3.234	3.234	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
151	M133A	X	-5.601	-5.601	0	%100
152	M133A	Z	3.234	3.234	0	%100
153	M136A	X	-5.601	-5.601	0	%100
154	M136A	Z	3.234	3.234	0	%100
155	M139	X	-5.601	-5.601	0	%100
156	M139	Z	3.234	3.234	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	-18.724	-18.724	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	-18.724	-18.724	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	-18.724	-18.724	0	%100
10	M5	Z	0	0	0	%100
11	M6	X	-18.724	-18.724	0	%100
12	M6	Z	0	0	0	%100
13	M7	X	0	0	0	%100
14	M7	Z	0	0	0	%100
15	M8	X	-18.504	-18.504	0	%100
16	M8	Z	0	0	0	%100
17	M9	X	-18.504	-18.504	0	%100
18	M9	Z	0	0	0	%100
19	M13	X	-1.058	-1.058	0	%100
20	M13	Z	0	0	0	%100
21	M14A	X	-1.058	-1.058	0	%100
22	M14A	Z	0	0	0	%100
23	M18	X	0	0	0	%100
24	M18	Z	0	0	0	%100
25	M22	X	-7.354	-7.354	0	%100
26	M22	Z	0	0	0	%100
27	M23	X	-1.838	-1.838	0	%100
28	M23	Z	0	0	0	%100
29	M24	X	-1.838	-1.838	0	%100
30	M24	Z	0	0	0	%100
31	M25	X	-14.102	-14.102	0	%100
32	M25	Z	0	0	0	%100
33	M26	X	0	0	0	%100
34	M26	Z	0	0	0	%100
35	M27	X	-14.102	-14.102	0	%100
36	M27	Z	0	0	0	%100
37	M34	X	-1.058	-1.058	0	%100
38	M34	Z	0	0	0	%100
39	M35	X	-1.838	-1.838	0	%100
40	M35	Z	0	0	0	%100
41	M42	X	-1.058	-1.058	0	%100
42	M42	Z	0	0	0	%100
43	M43	X	-1.838	-1.838	0	%100
44	M43	Z	0	0	0	%100
45	M50	X	0	0	0	%100
46	M50	Z	0	0	0	%100
47	M51	X	-7.354	-7.354	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
48	M51	Z	0	0	0	%100
49	M52	X	-11.177	-11.177	0	%100
50	M52	Z	0	0	0	%100
51	M53	X	-11.177	-11.177	0	%100
52	M53	Z	0	0	0	%100
53	M54	X	0	0	0	%100
54	M54	Z	0	0	0	%100
55	M55	X	-11.177	-11.177	0	%100
56	M55	Z	0	0	0	%100
57	M56	X	-11.177	-11.177	0	%100
58	M56	Z	0	0	0	%100
59	M57	X	-5.702	-5.702	0	%100
60	M57	Z	0	0	0	%100
61	M58	X	-5.702	-5.702	0	%100
62	M58	Z	0	0	0	%100
63	M59	X	-11.177	-11.177	0	%100
64	M59	Z	0	0	0	%100
65	M60	X	-11.177	-11.177	0	%100
66	M60	Z	0	0	0	%100
67	M61	X	-8.226	-8.226	0	%100
68	M61	Z	0	0	0	%100
69	M62	X	-11.177	-11.177	0	%100
70	M62	Z	0	0	0	%100
71	M63	X	-11.177	-11.177	0	%100
72	M63	Z	0	0	0	%100
73	M64	X	-10.827	-10.827	0	%100
74	M64	Z	0	0	0	%100
75	M65	X	-10.827	-10.827	0	%100
76	M65	Z	0	0	0	%100
77	M66	X	-11.177	-11.177	0	%100
78	M66	Z	0	0	0	%100
79	M67	X	-11.177	-11.177	0	%100
80	M67	Z	0	0	0	%100
81	M68	X	-8.226	-8.226	0	%100
82	M68	Z	0	0	0	%100
83	M69	X	-11.177	-11.177	0	%100
84	M69	Z	0	0	0	%100
85	M70	X	-11.177	-11.177	0	%100
86	M70	Z	0	0	0	%100
87	M71	X	-10.827	-10.827	0	%100
88	M71	Z	0	0	0	%100
89	M72	X	-10.827	-10.827	0	%100
90	M72	Z	0	0	0	%100
91	M73	X	0	0	0	%100
92	M73	Z	0	0	0	%100
93	M74	X	0	0	0	%100
94	M74	Z	0	0	0	%100
95	M79	X	-4.413	-4.413	0	%100
96	M79	Z	0	0	0	%100
97	M80	X	-4.413	-4.413	0	%100
98	M80	Z	0	0	0	%100
99	M85	X	-4.413	-4.413	0	%100
100	M85	Z	0	0	0	%100
101	M86	X	-4.413	-4.413	0	%100
102	M86	Z	0	0	0	%100
103	MP3A	X	-8.931	-8.931	0	%100
104	MP3A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
105	MP4A	X	-8.931	-8.931	0	%100
106	MP4A	Z	0	0	0	%100
107	MP1A	X	-8.931	-8.931	0	%100
108	MP1A	Z	0	0	0	%100
109	MP4C	X	-8.931	-8.931	0	%100
110	MP4C	Z	0	0	0	%100
111	MP1C	X	-8.931	-8.931	0	%100
112	MP1C	Z	0	0	0	%100
113	MP4B	X	-8.931	-8.931	0	%100
114	MP4B	Z	0	0	0	%100
115	MP1B	X	-8.931	-8.931	0	%100
116	MP1B	Z	0	0	0	%100
117	M127	X	0	0	0	%100
118	M127	Z	0	0	0	%100
119	M128	X	-20.265	-20.265	0	%100
120	M128	Z	0	0	0	%100
121	M129	X	-12.535	-12.535	0	%100
122	M129	Z	0	0	0	%100
123	M130	X	-12.535	-12.535	0	%100
124	M130	Z	0	0	0	%100
125	M131	X	-2.629	-2.629	0	%100
126	M131	Z	0	0	0	%100
127	M132	X	-2.629	-2.629	0	%100
128	M132	Z	0	0	0	%100
129	M133	X	-2.629	-2.629	0	%100
130	M133	Z	0	0	0	%100
131	M134	X	-2.629	-2.629	0	%100
132	M134	Z	0	0	0	%100
133	M135	X	-2.629	-2.629	0	%100
134	M135	Z	0	0	0	%100
135	MP2A	X	-8.931	-8.931	0	%100
136	MP2A	Z	0	0	0	%100
137	MP3C	X	-8.931	-8.931	0	%100
138	MP3C	Z	0	0	0	%100
139	MP3B	X	-8.931	-8.931	0	%100
140	MP3B	Z	0	0	0	%100
141	MP5C	X	-6.468	-6.468	0	%100
142	MP5C	Z	0	0	0	%100
143	MP2C	X	-8.931	-8.931	0	%100
144	MP2C	Z	0	0	0	%100
145	MP2B	X	-8.931	-8.931	0	%100
146	MP2B	Z	0	0	0	%100
147	M127A	X	-6.468	-6.468	0	%100
148	M127A	Z	0	0	0	%100
149	M130B	X	-6.468	-6.468	0	%100
150	M130B	Z	0	0	0	%100
151	M133A	X	-6.468	-6.468	0	%100
152	M133A	Z	0	0	0	%100
153	M136A	X	-6.468	-6.468	0	%100
154	M136A	Z	0	0	0	%100
155	M139	X	-6.468	-6.468	0	%100
156	M139	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
1	M1	X	-5.405	-5.405	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
2	M1	Z	-3.121	-3.121	0	%100
3	M2	X	-5.405	-5.405	0	%100
4	M2	Z	-3.121	-3.121	0	%100
5	M3	X	-5.405	-5.405	0	%100
6	M3	Z	-3.121	-3.121	0	%100
7	M4	X	-5.405	-5.405	0	%100
8	M4	Z	-3.121	-3.121	0	%100
9	M5	X	-21.62	-21.62	0	%100
10	M5	Z	-12.483	-12.483	0	%100
11	M6	X	-21.62	-21.62	0	%100
12	M6	Z	-12.483	-12.483	0	%100
13	M7	X	-5.342	-5.342	0	%100
14	M7	Z	-3.084	-3.084	0	%100
15	M8	X	-5.342	-5.342	0	%100
16	M8	Z	-3.084	-3.084	0	%100
17	M9	X	-21.367	-21.367	0	%100
18	M9	Z	-12.336	-12.336	0	%100
19	M13	X	-.305	-.305	0	%100
20	M13	Z	-.176	-.176	0	%100
21	M14A	X	-1.221	-1.221	0	%100
22	M14A	Z	-.705	-.705	0	%100
23	M18	X	-.305	-.305	0	%100
24	M18	Z	-.176	-.176	0	%100
25	M22	X	-4.776	-4.776	0	%100
26	M22	Z	-2.758	-2.758	0	%100
27	M23	X	-4.776	-4.776	0	%100
28	M23	Z	-2.758	-2.758	0	%100
29	M24	X	0	0	0	%100
30	M24	Z	0	0	0	%100
31	M25	X	-16.283	-16.283	0	%100
32	M25	Z	-9.401	-9.401	0	%100
33	M26	X	-4.071	-4.071	0	%100
34	M26	Z	-2.35	-2.35	0	%100
35	M27	X	-4.071	-4.071	0	%100
36	M27	Z	-2.35	-2.35	0	%100
37	M34	X	-.305	-.305	0	%100
38	M34	Z	-.176	-.176	0	%100
39	M35	X	-4.776	-4.776	0	%100
40	M35	Z	-2.758	-2.758	0	%100
41	M42	X	-1.221	-1.221	0	%100
42	M42	Z	-.705	-.705	0	%100
43	M43	X	0	0	0	%100
44	M43	Z	0	0	0	%100
45	M50	X	-.305	-.305	0	%100
46	M50	Z	-.176	-.176	0	%100
47	M51	X	-4.776	-4.776	0	%100
48	M51	Z	-2.758	-2.758	0	%100
49	M52	X	-9.679	-9.679	0	%100
50	M52	Z	-5.588	-5.588	0	%100
51	M53	X	-9.679	-9.679	0	%100
52	M53	Z	-5.588	-5.588	0	%100
53	M54	X	-2.375	-2.375	0	%100
54	M54	Z	-1.371	-1.371	0	%100
55	M55	X	-9.679	-9.679	0	%100
56	M55	Z	-5.588	-5.588	0	%100
57	M56	X	-9.679	-9.679	0	%100
58	M56	Z	-5.588	-5.588	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
59	M57	X	-6.418	-6.418	0	%100
60	M57	Z	-3.705	-3.705	0	%100
61	M58	X	-6.418	-6.418	0	%100
62	M58	Z	-3.705	-3.705	0	%100
63	M59	X	-9.679	-9.679	0	%100
64	M59	Z	-5.588	-5.588	0	%100
65	M60	X	-9.679	-9.679	0	%100
66	M60	Z	-5.588	-5.588	0	%100
67	M61	X	-2.375	-2.375	0	%100
68	M61	Z	-1.371	-1.371	0	%100
69	M62	X	-9.679	-9.679	0	%100
70	M62	Z	-5.588	-5.588	0	%100
71	M63	X	-9.679	-9.679	0	%100
72	M63	Z	-5.588	-5.588	0	%100
73	M64	X	-6.418	-6.418	0	%100
74	M64	Z	-3.705	-3.705	0	%100
75	M65	X	-6.418	-6.418	0	%100
76	M65	Z	-3.705	-3.705	0	%100
77	M66	X	-9.679	-9.679	0	%100
78	M66	Z	-5.588	-5.588	0	%100
79	M67	X	-9.679	-9.679	0	%100
80	M67	Z	-5.588	-5.588	0	%100
81	M68	X	-9.499	-9.499	0	%100
82	M68	Z	-5.484	-5.484	0	%100
83	M69	X	-9.679	-9.679	0	%100
84	M69	Z	-5.588	-5.588	0	%100
85	M70	X	-9.679	-9.679	0	%100
86	M70	Z	-5.588	-5.588	0	%100
87	M71	X	-10.855	-10.855	0	%100
88	M71	Z	-6.267	-6.267	0	%100
89	M72	X	-10.855	-10.855	0	%100
90	M72	Z	-6.267	-6.267	0	%100
91	M73	X	-1.274	-1.274	0	%100
92	M73	Z	-.736	-.736	0	%100
93	M74	X	-1.274	-1.274	0	%100
94	M74	Z	-.736	-.736	0	%100
95	M79	X	-1.274	-1.274	0	%100
96	M79	Z	-.736	-.736	0	%100
97	M80	X	-1.274	-1.274	0	%100
98	M80	Z	-.736	-.736	0	%100
99	M85	X	-5.096	-5.096	0	%100
100	M85	Z	-2.942	-2.942	0	%100
101	M86	X	-5.096	-5.096	0	%100
102	M86	Z	-2.942	-2.942	0	%100
103	MP3A	X	-7.735	-7.735	0	%100
104	MP3A	Z	-4.466	-4.466	0	%100
105	MP4A	X	-7.735	-7.735	0	%100
106	MP4A	Z	-4.466	-4.466	0	%100
107	MP1A	X	-7.735	-7.735	0	%100
108	MP1A	Z	-4.466	-4.466	0	%100
109	MP4C	X	-7.735	-7.735	0	%100
110	MP4C	Z	-4.466	-4.466	0	%100
111	MP1C	X	-7.735	-7.735	0	%100
112	MP1C	Z	-4.466	-4.466	0	%100
113	MP4B	X	-7.735	-7.735	0	%100
114	MP4B	Z	-4.466	-4.466	0	%100
115	MP1B	X	-7.735	-7.735	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
116	MP1B	Z	-4.466	-4.466	0	%100
117	M127	X	-4.738	-4.738	0	%100
118	M127	Z	-2.736	-2.736	0	%100
119	M128	X	-13.162	-13.162	0	%100
120	M128	Z	-7.599	-7.599	0	%100
121	M129	X	-10.855	-10.855	0	%100
122	M129	Z	-6.267	-6.267	0	%100
123	M130	X	-10.855	-10.855	0	%100
124	M130	Z	-6.267	-6.267	0	%100
125	M131	X	-1.707	-1.707	0	%100
126	M131	Z	-.986	-.986	0	%100
127	M132	X	-1.707	-1.707	0	%100
128	M132	Z	-.986	-.986	0	%100
129	M133	X	-1.707	-1.707	0	%100
130	M133	Z	-.986	-.986	0	%100
131	M134	X	-1.707	-1.707	0	%100
132	M134	Z	-.986	-.986	0	%100
133	M135	X	-1.707	-1.707	0	%100
134	M135	Z	-.986	-.986	0	%100
135	MP2A	X	-7.735	-7.735	0	%100
136	MP2A	Z	-4.466	-4.466	0	%100
137	MP3C	X	-7.735	-7.735	0	%100
138	MP3C	Z	-4.466	-4.466	0	%100
139	MP3B	X	-7.735	-7.735	0	%100
140	MP3B	Z	-4.466	-4.466	0	%100
141	MP5C	X	-5.601	-5.601	0	%100
142	MP5C	Z	-3.234	-3.234	0	%100
143	MP2C	X	-7.735	-7.735	0	%100
144	MP2C	Z	-4.466	-4.466	0	%100
145	MP2B	X	-7.735	-7.735	0	%100
146	MP2B	Z	-4.466	-4.466	0	%100
147	M127A	X	-5.601	-5.601	0	%100
148	M127A	Z	-3.234	-3.234	0	%100
149	M130B	X	-5.601	-5.601	0	%100
150	M130B	Z	-3.234	-3.234	0	%100
151	M133A	X	-5.601	-5.601	0	%100
152	M133A	Z	-3.234	-3.234	0	%100
153	M136A	X	-5.601	-5.601	0	%100
154	M136A	Z	-3.234	-3.234	0	%100
155	M139	X	-5.601	-5.601	0	%100
156	M139	Z	-3.234	-3.234	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
1	M1	X	-9.362	-9.362	0	%100
2	M1	Z	-16.215	-16.215	0	%100
3	M2	X	-9.362	-9.362	0	%100
4	M2	Z	-16.215	-16.215	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	-9.362	-9.362	0	%100
10	M5	Z	-16.215	-16.215	0	%100
11	M6	X	-9.362	-9.362	0	%100
12	M6	Z	-16.215	-16.215	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
13	M7	X	-9.252	-9.252	0	%100
14	M7	Z	-16.025	-16.025	0	%100
15	M8	X	0	0	0	%100
16	M8	Z	0	0	0	%100
17	M9	X	-9.252	-9.252	0	%100
18	M9	Z	-16.025	-16.025	0	%100
19	M13	X	0	0	0	%100
20	M13	Z	0	0	0	%100
21	M14A	X	-.529	-.529	0	%100
22	M14A	Z	-.916	-.916	0	%100
23	M18	X	-.529	-.529	0	%100
24	M18	Z	-.916	-.916	0	%100
25	M22	X	-.919	-.919	0	%100
26	M22	Z	-1.592	-1.592	0	%100
27	M23	X	-3.677	-3.677	0	%100
28	M23	Z	-6.369	-6.369	0	%100
29	M24	X	-.919	-.919	0	%100
30	M24	Z	-1.592	-1.592	0	%100
31	M25	X	-7.051	-7.051	0	%100
32	M25	Z	-12.212	-12.212	0	%100
33	M26	X	-7.051	-7.051	0	%100
34	M26	Z	-12.212	-12.212	0	%100
35	M27	X	0	0	0	%100
36	M27	Z	0	0	0	%100
37	M34	X	0	0	0	%100
38	M34	Z	0	0	0	%100
39	M35	X	-3.677	-3.677	0	%100
40	M35	Z	-6.369	-6.369	0	%100
41	M42	X	-.529	-.529	0	%100
42	M42	Z	-.916	-.916	0	%100
43	M43	X	-.919	-.919	0	%100
44	M43	Z	-1.592	-1.592	0	%100
45	M50	X	-.529	-.529	0	%100
46	M50	Z	-.916	-.916	0	%100
47	M51	X	-.919	-.919	0	%100
48	M51	Z	-1.592	-1.592	0	%100
49	M52	X	-5.588	-5.588	0	%100
50	M52	Z	-9.679	-9.679	0	%100
51	M53	X	-5.588	-5.588	0	%100
52	M53	Z	-9.679	-9.679	0	%100
53	M54	X	-4.113	-4.113	0	%100
54	M54	Z	-7.124	-7.124	0	%100
55	M55	X	-5.588	-5.588	0	%100
56	M55	Z	-9.679	-9.679	0	%100
57	M56	X	-5.588	-5.588	0	%100
58	M56	Z	-9.679	-9.679	0	%100
59	M57	X	-5.413	-5.413	0	%100
60	M57	Z	-9.376	-9.376	0	%100
61	M58	X	-5.413	-5.413	0	%100
62	M58	Z	-9.376	-9.376	0	%100
63	M59	X	-5.588	-5.588	0	%100
64	M59	Z	-9.679	-9.679	0	%100
65	M60	X	-5.588	-5.588	0	%100
66	M60	Z	-9.679	-9.679	0	%100
67	M61	X	0	0	0	%100
68	M61	Z	0	0	0	%100
69	M62	X	-5.588	-5.588	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
70	M62	Z	-9.679	-9.679	0	%100
71	M63	X	-5.588	-5.588	0	%100
72	M63	Z	-9.679	-9.679	0	%100
73	M64	X	-2.851	-2.851	0	%100
74	M64	Z	-4.938	-4.938	0	%100
75	M65	X	-2.851	-2.851	0	%100
76	M65	Z	-4.938	-4.938	0	%100
77	M66	X	-5.588	-5.588	0	%100
78	M66	Z	-9.679	-9.679	0	%100
79	M67	X	-5.588	-5.588	0	%100
80	M67	Z	-9.679	-9.679	0	%100
81	M68	X	-4.113	-4.113	0	%100
82	M68	Z	-7.124	-7.124	0	%100
83	M69	X	-5.588	-5.588	0	%100
84	M69	Z	-9.679	-9.679	0	%100
85	M70	X	-5.588	-5.588	0	%100
86	M70	Z	-9.679	-9.679	0	%100
87	M71	X	-5.413	-5.413	0	%100
88	M71	Z	-9.376	-9.376	0	%100
89	M72	X	-5.413	-5.413	0	%100
90	M72	Z	-9.376	-9.376	0	%100
91	M73	X	-2.207	-2.207	0	%100
92	M73	Z	-3.822	-3.822	0	%100
93	M74	X	-2.207	-2.207	0	%100
94	M74	Z	-3.822	-3.822	0	%100
95	M79	X	0	0	0	%100
96	M79	Z	0	0	0	%100
97	M80	X	0	0	0	%100
98	M80	Z	0	0	0	%100
99	M85	X	-2.207	-2.207	0	%100
100	M85	Z	-3.822	-3.822	0	%100
101	M86	X	-2.207	-2.207	0	%100
102	M86	Z	-3.822	-3.822	0	%100
103	MP3A	X	-4.466	-4.466	0	%100
104	MP3A	Z	-7.735	-7.735	0	%100
105	MP4A	X	-4.466	-4.466	0	%100
106	MP4A	Z	-7.735	-7.735	0	%100
107	MP1A	X	-4.466	-4.466	0	%100
108	MP1A	Z	-7.735	-7.735	0	%100
109	MP4C	X	-4.466	-4.466	0	%100
110	MP4C	Z	-7.735	-7.735	0	%100
111	MP1C	X	-4.466	-4.466	0	%100
112	MP1C	Z	-7.735	-7.735	0	%100
113	MP4B	X	-4.466	-4.466	0	%100
114	MP4B	Z	-7.735	-7.735	0	%100
115	MP1B	X	-4.466	-4.466	0	%100
116	MP1B	Z	-7.735	-7.735	0	%100
117	M127	X	-8.207	-8.207	0	%100
118	M127	Z	-14.215	-14.215	0	%100
119	M128	X	-2.533	-2.533	0	%100
120	M128	Z	-4.387	-4.387	0	%100
121	M129	X	-6.267	-6.267	0	%100
122	M129	Z	-10.855	-10.855	0	%100
123	M130	X	-6.267	-6.267	0	%100
124	M130	Z	-10.855	-10.855	0	%100
125	M131	X	-.329	-.329	0	%100
126	M131	Z	-.569	-.569	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
127	M132	X	-.329	-.329	0	%100
128	M132	Z	-.569	-.569	0	%100
129	M133	X	-.329	-.329	0	%100
130	M133	Z	-.569	-.569	0	%100
131	M134	X	-.329	-.329	0	%100
132	M134	Z	-.569	-.569	0	%100
133	M135	X	-.329	-.329	0	%100
134	M135	Z	-.569	-.569	0	%100
135	MP2A	X	-4.466	-4.466	0	%100
136	MP2A	Z	-7.735	-7.735	0	%100
137	MP3C	X	-4.466	-4.466	0	%100
138	MP3C	Z	-7.735	-7.735	0	%100
139	MP3B	X	-4.466	-4.466	0	%100
140	MP3B	Z	-7.735	-7.735	0	%100
141	MP5C	X	-3.234	-3.234	0	%100
142	MP5C	Z	-5.601	-5.601	0	%100
143	MP2C	X	-4.466	-4.466	0	%100
144	MP2C	Z	-7.735	-7.735	0	%100
145	MP2B	X	-4.466	-4.466	0	%100
146	MP2B	Z	-7.735	-7.735	0	%100
147	M127A	X	-3.234	-3.234	0	%100
148	M127A	Z	-5.601	-5.601	0	%100
149	M130B	X	-3.234	-3.234	0	%100
150	M130B	Z	-5.601	-5.601	0	%100
151	M133A	X	-3.234	-3.234	0	%100
152	M133A	Z	-5.601	-5.601	0	%100
153	M136A	X	-3.234	-3.234	0	%100
154	M136A	Z	-5.601	-5.601	0	%100
155	M139	X	-3.234	-3.234	0	%100
156	M139	Z	-5.601	-5.601	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
1	M1	X	0	0	0	%100
2	M1	Z	-5.862	-5.862	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	-5.862	-5.862	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	-1.465	-1.465	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	-1.465	-1.465	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	-1.465	-1.465	0	%100
11	M6	X	0	0	0	%100
12	M6	Z	-1.465	-1.465	0	%100
13	M7	X	0	0	0	%100
14	M7	Z	-5.81	-5.81	0	%100
15	M8	X	0	0	0	%100
16	M8	Z	-1.453	-1.453	0	%100
17	M9	X	0	0	0	%100
18	M9	Z	-1.453	-1.453	0	%100
19	M13	X	0	0	0	%100
20	M13	Z	-.282	-.282	0	%100
21	M14A	X	0	0	0	%100
22	M14A	Z	-.282	-.282	0	%100
23	M18	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
24	M18	Z	-1.128	-1.128	0	%100
25	M22	X	0	0	0	%100
26	M22	Z	0	0	0	%100
27	M23	X	0	0	0	%100
28	M23	Z	-1.725	-1.725	0	%100
29	M24	X	0	0	0	%100
30	M24	Z	-1.725	-1.725	0	%100
31	M25	X	0	0	0	%100
32	M25	Z	-1.193	-1.193	0	%100
33	M26	X	0	0	0	%100
34	M26	Z	-4.774	-4.774	0	%100
35	M27	X	0	0	0	%100
36	M27	Z	-1.193	-1.193	0	%100
37	M34	X	0	0	0	%100
38	M34	Z	-.282	-.282	0	%100
39	M35	X	0	0	0	%100
40	M35	Z	-1.725	-1.725	0	%100
41	M42	X	0	0	0	%100
42	M42	Z	-.282	-.282	0	%100
43	M43	X	0	0	0	%100
44	M43	Z	-1.725	-1.725	0	%100
45	M50	X	0	0	0	%100
46	M50	Z	-1.128	-1.128	0	%100
47	M51	X	0	0	0	%100
48	M51	Z	0	0	0	%100
49	M52	X	0	0	0	%100
50	M52	Z	-3.209	-3.209	0	%100
51	M53	X	0	0	0	%100
52	M53	Z	-3.209	-3.209	0	%100
53	M54	X	0	0	0	%100
54	M54	Z	-3.148	-3.148	0	%100
55	M55	X	0	0	0	%100
56	M55	Z	-3.209	-3.209	0	%100
57	M56	X	0	0	0	%100
58	M56	Z	-3.209	-3.209	0	%100
59	M57	X	0	0	0	%100
60	M57	Z	-3.667	-3.667	0	%100
61	M58	X	0	0	0	%100
62	M58	Z	-3.667	-3.667	0	%100
63	M59	X	0	0	0	%100
64	M59	Z	-3.209	-3.209	0	%100
65	M60	X	0	0	0	%100
66	M60	Z	-3.209	-3.209	0	%100
67	M61	X	0	0	0	%100
68	M61	Z	-.787	-.787	0	%100
69	M62	X	0	0	0	%100
70	M62	Z	-3.209	-3.209	0	%100
71	M63	X	0	0	0	%100
72	M63	Z	-3.209	-3.209	0	%100
73	M64	X	0	0	0	%100
74	M64	Z	-2.168	-2.168	0	%100
75	M65	X	0	0	0	%100
76	M65	Z	-2.168	-2.168	0	%100
77	M66	X	0	0	0	%100
78	M66	Z	-3.209	-3.209	0	%100
79	M67	X	0	0	0	%100
80	M67	Z	-3.209	-3.209	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
81	M68	X	0	0	0	%100
82	M68	Z	-.787	-.787	0	%100
83	M69	X	0	0	0	%100
84	M69	Z	-3.209	-3.209	0	%100
85	M70	X	0	0	0	%100
86	M70	Z	-3.209	-3.209	0	%100
87	M71	X	0	0	0	%100
88	M71	Z	-2.168	-2.168	0	%100
89	M72	X	0	0	0	%100
90	M72	Z	-2.168	-2.168	0	%100
91	M73	X	0	0	0	%100
92	M73	Z	-2.041	-2.041	0	%100
93	M74	X	0	0	0	%100
94	M74	Z	-2.041	-2.041	0	%100
95	M79	X	0	0	0	%100
96	M79	Z	-.51	-.51	0	%100
97	M80	X	0	0	0	%100
98	M80	Z	-.51	-.51	0	%100
99	M85	X	0	0	0	%100
100	M85	Z	-.51	-.51	0	%100
101	M86	X	0	0	0	%100
102	M86	Z	-.51	-.51	0	%100
103	MP3A	X	0	0	0	%100
104	MP3A	Z	-3.031	-3.031	0	%100
105	MP4A	X	0	0	0	%100
106	MP4A	Z	-3.031	-3.031	0	%100
107	MP1A	X	0	0	0	%100
108	MP1A	Z	-3.031	-3.031	0	%100
109	MP4C	X	0	0	0	%100
110	MP4C	Z	-3.031	-3.031	0	%100
111	MP1C	X	0	0	0	%100
112	MP1C	Z	-3.031	-3.031	0	%100
113	MP4B	X	0	0	0	%100
114	MP4B	Z	-3.031	-3.031	0	%100
115	MP1B	X	0	0	0	%100
116	MP1B	Z	-3.031	-3.031	0	%100
117	M127	X	0	0	0	%100
118	M127	Z	-5.071	-5.071	0	%100
119	M128	X	0	0	0	%100
120	M128	Z	0	0	0	%100
121	M129	X	0	0	0	%100
122	M129	Z	-3.667	-3.667	0	%100
123	M130	X	0	0	0	%100
124	M130	Z	-3.667	-3.667	0	%100
125	M131	X	0	0	0	%100
126	M131	Z	0	0	0	%100
127	M132	X	0	0	0	%100
128	M132	Z	0	0	0	%100
129	M133	X	0	0	0	%100
130	M133	Z	0	0	0	%100
131	M134	X	0	0	0	%100
132	M134	Z	0	0	0	%100
133	M135	X	0	0	0	%100
134	M135	Z	0	0	0	%100
135	MP2A	X	0	0	0	%100
136	MP2A	Z	-3.031	-3.031	0	%100
137	MP3C	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
138	MP3C	Z	-3.031	-3.031	0	%100
139	MP3B	X	0	0	0	%100
140	MP3B	Z	-3.031	-3.031	0	%100
141	MP5C	X	0	0	0	%100
142	MP5C	Z	-2.218	-2.218	0	%100
143	MP2C	X	0	0	0	%100
144	MP2C	Z	-3.031	-3.031	0	%100
145	MP2B	X	0	0	0	%100
146	MP2B	Z	-3.031	-3.031	0	%100
147	M127A	X	0	0	0	%100
148	M127A	Z	-2.218	-2.218	0	%100
149	M130B	X	0	0	0	%100
150	M130B	Z	-2.218	-2.218	0	%100
151	M133A	X	0	0	0	%100
152	M133A	Z	-2.218	-2.218	0	%100
153	M136A	X	0	0	0	%100
154	M136A	Z	-2.218	-2.218	0	%100
155	M139	X	0	0	0	%100
156	M139	Z	-2.218	-2.218	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
1	M1	X	2.198	2.198	0	%100
2	M1	Z	-3.807	-3.807	0	%100
3	M2	X	2.198	2.198	0	%100
4	M2	Z	-3.807	-3.807	0	%100
5	M3	X	2.198	2.198	0	%100
6	M3	Z	-3.807	-3.807	0	%100
7	M4	X	2.198	2.198	0	%100
8	M4	Z	-3.807	-3.807	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	0	0	0	%100
11	M6	X	0	0	0	%100
12	M6	Z	0	0	0	%100
13	M7	X	2.179	2.179	0	%100
14	M7	Z	-3.774	-3.774	0	%100
15	M8	X	2.179	2.179	0	%100
16	M8	Z	-3.774	-3.774	0	%100
17	M9	X	0	0	0	%100
18	M9	Z	0	0	0	%100
19	M13	X	.423	.423	0	%100
20	M13	Z	-.733	-.733	0	%100
21	M14A	X	0	0	0	%100
22	M14A	Z	0	0	0	%100
23	M18	X	.423	.423	0	%100
24	M18	Z	-.733	-.733	0	%100
25	M22	X	.288	.288	0	%100
26	M22	Z	-.498	-.498	0	%100
27	M23	X	.288	.288	0	%100
28	M23	Z	-.498	-.498	0	%100
29	M24	X	1.15	1.15	0	%100
30	M24	Z	-1.992	-1.992	0	%100
31	M25	X	0	0	0	%100
32	M25	Z	0	0	0	%100
33	M26	X	1.79	1.79	0	%100
34	M26	Z	-3.101	-3.101	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
35	M27	X	1.79	1.79	0	%100
36	M27	Z	-3.101	-3.101	0	%100
37	M34	X	.423	.423	0	%100
38	M34	Z	-.733	-.733	0	%100
39	M35	X	.288	.288	0	%100
40	M35	Z	-.498	-.498	0	%100
41	M42	X	0	0	0	%100
42	M42	Z	0	0	0	%100
43	M43	X	1.15	1.15	0	%100
44	M43	Z	-1.992	-1.992	0	%100
45	M50	X	.423	.423	0	%100
46	M50	Z	-.733	-.733	0	%100
47	M51	X	.288	.288	0	%100
48	M51	Z	-.498	-.498	0	%100
49	M52	X	1.605	1.605	0	%100
50	M52	Z	-2.779	-2.779	0	%100
51	M53	X	1.605	1.605	0	%100
52	M53	Z	-2.779	-2.779	0	%100
53	M54	X	1.18	1.18	0	%100
54	M54	Z	-2.044	-2.044	0	%100
55	M55	X	1.605	1.605	0	%100
56	M55	Z	-2.779	-2.779	0	%100
57	M56	X	1.605	1.605	0	%100
58	M56	Z	-2.779	-2.779	0	%100
59	M57	X	1.584	1.584	0	%100
60	M57	Z	-2.743	-2.743	0	%100
61	M58	X	1.584	1.584	0	%100
62	M58	Z	-2.743	-2.743	0	%100
63	M59	X	1.605	1.605	0	%100
64	M59	Z	-2.779	-2.779	0	%100
65	M60	X	1.605	1.605	0	%100
66	M60	Z	-2.779	-2.779	0	%100
67	M61	X	1.18	1.18	0	%100
68	M61	Z	-2.044	-2.044	0	%100
69	M62	X	1.605	1.605	0	%100
70	M62	Z	-2.779	-2.779	0	%100
71	M63	X	1.605	1.605	0	%100
72	M63	Z	-2.779	-2.779	0	%100
73	M64	X	1.584	1.584	0	%100
74	M64	Z	-2.743	-2.743	0	%100
75	M65	X	1.584	1.584	0	%100
76	M65	Z	-2.743	-2.743	0	%100
77	M66	X	1.605	1.605	0	%100
78	M66	Z	-2.779	-2.779	0	%100
79	M67	X	1.605	1.605	0	%100
80	M67	Z	-2.779	-2.779	0	%100
81	M68	X	0	0	0	%100
82	M68	Z	0	0	0	%100
83	M69	X	1.605	1.605	0	%100
84	M69	Z	-2.779	-2.779	0	%100
85	M70	X	1.605	1.605	0	%100
86	M70	Z	-2.779	-2.779	0	%100
87	M71	X	.834	.834	0	%100
88	M71	Z	-1.445	-1.445	0	%100
89	M72	X	.834	.834	0	%100
90	M72	Z	-1.445	-1.445	0	%100
91	M73	X	.765	.765	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
92	M73	Z	-1.326	-1.326	0	%100
93	M74	X	.765	.765	0	%100
94	M74	Z	-1.326	-1.326	0	%100
95	M79	X	.765	.765	0	%100
96	M79	Z	-1.326	-1.326	0	%100
97	M80	X	.765	.765	0	%100
98	M80	Z	-1.326	-1.326	0	%100
99	M85	X	0	0	0	%100
100	M85	Z	0	0	0	%100
101	M86	X	0	0	0	%100
102	M86	Z	0	0	0	%100
103	MP3A	X	1.515	1.515	0	%100
104	MP3A	Z	-2.625	-2.625	0	%100
105	MP4A	X	1.515	1.515	0	%100
106	MP4A	Z	-2.625	-2.625	0	%100
107	MP1A	X	1.515	1.515	0	%100
108	MP1A	Z	-2.625	-2.625	0	%100
109	MP4C	X	1.515	1.515	0	%100
110	MP4C	Z	-2.625	-2.625	0	%100
111	MP1C	X	1.515	1.515	0	%100
112	MP1C	Z	-2.625	-2.625	0	%100
113	MP4B	X	1.515	1.515	0	%100
114	MP4B	Z	-2.625	-2.625	0	%100
115	MP1B	X	1.515	1.515	0	%100
116	MP1B	Z	-2.625	-2.625	0	%100
117	M127	X	1.901	1.901	0	%100
118	M127	Z	-3.293	-3.293	0	%100
119	M128	X	.58	.58	0	%100
120	M128	Z	-1.005	-1.005	0	%100
121	M129	X	1.834	1.834	0	%100
122	M129	Z	-3.176	-3.176	0	%100
123	M130	X	1.834	1.834	0	%100
124	M130	Z	-3.176	-3.176	0	%100
125	M131	X	.18	.18	0	%100
126	M131	Z	-.312	-.312	0	%100
127	M132	X	.18	.18	0	%100
128	M132	Z	-.312	-.312	0	%100
129	M133	X	.18	.18	0	%100
130	M133	Z	-.312	-.312	0	%100
131	M134	X	.18	.18	0	%100
132	M134	Z	-.312	-.312	0	%100
133	M135	X	.18	.18	0	%100
134	M135	Z	-.312	-.312	0	%100
135	MP2A	X	1.515	1.515	0	%100
136	MP2A	Z	-2.625	-2.625	0	%100
137	MP3C	X	1.515	1.515	0	%100
138	MP3C	Z	-2.625	-2.625	0	%100
139	MP3B	X	1.515	1.515	0	%100
140	MP3B	Z	-2.625	-2.625	0	%100
141	MP5C	X	1.109	1.109	0	%100
142	MP5C	Z	-1.921	-1.921	0	%100
143	MP2C	X	1.515	1.515	0	%100
144	MP2C	Z	-2.625	-2.625	0	%100
145	MP2B	X	1.515	1.515	0	%100
146	MP2B	Z	-2.625	-2.625	0	%100
147	M127A	X	1.109	1.109	0	%100
148	M127A	Z	-1.921	-1.921	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
149	M130B	X	1.109	1.109	0	%100
150	M130B	Z	-1.921	-1.921	0	%100
151	M133A	X	1.109	1.109	0	%100
152	M133A	Z	-1.921	-1.921	0	%100
153	M136A	X	1.109	1.109	0	%100
154	M136A	Z	-1.921	-1.921	0	%100
155	M139	X	1.109	1.109	0	%100
156	M139	Z	-1.921	-1.921	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
1	M1	X	1.269	1.269	0	%100
2	M1	Z	-.733	-.733	0	%100
3	M2	X	1.269	1.269	0	%100
4	M2	Z	-.733	-.733	0	%100
5	M3	X	5.076	5.076	0	%100
6	M3	Z	-2.931	-2.931	0	%100
7	M4	X	5.076	5.076	0	%100
8	M4	Z	-2.931	-2.931	0	%100
9	M5	X	1.269	1.269	0	%100
10	M5	Z	-.733	-.733	0	%100
11	M6	X	1.269	1.269	0	%100
12	M6	Z	-.733	-.733	0	%100
13	M7	X	1.258	1.258	0	%100
14	M7	Z	-.726	-.726	0	%100
15	M8	X	5.032	5.032	0	%100
16	M8	Z	-2.905	-2.905	0	%100
17	M9	X	1.258	1.258	0	%100
18	M9	Z	-.726	-.726	0	%100
19	M13	X	.977	.977	0	%100
20	M13	Z	-.564	-.564	0	%100
21	M14A	X	.244	.244	0	%100
22	M14A	Z	-.141	-.141	0	%100
23	M18	X	.244	.244	0	%100
24	M18	Z	-.141	-.141	0	%100
25	M22	X	1.494	1.494	0	%100
26	M22	Z	-.863	-.863	0	%100
27	M23	X	0	0	0	%100
28	M23	Z	0	0	0	%100
29	M24	X	1.494	1.494	0	%100
30	M24	Z	-.863	-.863	0	%100
31	M25	X	1.034	1.034	0	%100
32	M25	Z	-.597	-.597	0	%100
33	M26	X	1.034	1.034	0	%100
34	M26	Z	-.597	-.597	0	%100
35	M27	X	4.134	4.134	0	%100
36	M27	Z	-2.387	-2.387	0	%100
37	M34	X	.977	.977	0	%100
38	M34	Z	-.564	-.564	0	%100
39	M35	X	0	0	0	%100
40	M35	Z	0	0	0	%100
41	M42	X	.244	.244	0	%100
42	M42	Z	-.141	-.141	0	%100
43	M43	X	1.494	1.494	0	%100
44	M43	Z	-.863	-.863	0	%100
45	M50	X	.244	.244	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
46	M50	Z	-.141	-.141	0	%100
47	M51	X	1.494	1.494	0	%100
48	M51	Z	-.863	-.863	0	%100
49	M52	X	2.779	2.779	0	%100
50	M52	Z	-1.605	-1.605	0	%100
51	M53	X	2.779	2.779	0	%100
52	M53	Z	-1.605	-1.605	0	%100
53	M54	X	.681	.681	0	%100
54	M54	Z	-.393	-.393	0	%100
55	M55	X	2.779	2.779	0	%100
56	M55	Z	-1.605	-1.605	0	%100
57	M56	X	2.779	2.779	0	%100
58	M56	Z	-1.605	-1.605	0	%100
59	M57	X	1.878	1.878	0	%100
60	M57	Z	-1.084	-1.084	0	%100
61	M58	X	1.878	1.878	0	%100
62	M58	Z	-1.084	-1.084	0	%100
63	M59	X	2.779	2.779	0	%100
64	M59	Z	-1.605	-1.605	0	%100
65	M60	X	2.779	2.779	0	%100
66	M60	Z	-1.605	-1.605	0	%100
67	M61	X	2.726	2.726	0	%100
68	M61	Z	-1.574	-1.574	0	%100
69	M62	X	2.779	2.779	0	%100
70	M62	Z	-1.605	-1.605	0	%100
71	M63	X	2.779	2.779	0	%100
72	M63	Z	-1.605	-1.605	0	%100
73	M64	X	3.176	3.176	0	%100
74	M64	Z	-1.834	-1.834	0	%100
75	M65	X	3.176	3.176	0	%100
76	M65	Z	-1.834	-1.834	0	%100
77	M66	X	2.779	2.779	0	%100
78	M66	Z	-1.605	-1.605	0	%100
79	M67	X	2.779	2.779	0	%100
80	M67	Z	-1.605	-1.605	0	%100
81	M68	X	.681	.681	0	%100
82	M68	Z	-.393	-.393	0	%100
83	M69	X	2.779	2.779	0	%100
84	M69	Z	-1.605	-1.605	0	%100
85	M70	X	2.779	2.779	0	%100
86	M70	Z	-1.605	-1.605	0	%100
87	M71	X	1.878	1.878	0	%100
88	M71	Z	-1.084	-1.084	0	%100
89	M72	X	1.878	1.878	0	%100
90	M72	Z	-1.084	-1.084	0	%100
91	M73	X	.442	.442	0	%100
92	M73	Z	-.255	-.255	0	%100
93	M74	X	.442	.442	0	%100
94	M74	Z	-.255	-.255	0	%100
95	M79	X	1.768	1.768	0	%100
96	M79	Z	-1.021	-1.021	0	%100
97	M80	X	1.768	1.768	0	%100
98	M80	Z	-1.021	-1.021	0	%100
99	M85	X	.442	.442	0	%100
100	M85	Z	-.255	-.255	0	%100
101	M86	X	.442	.442	0	%100
102	M86	Z	-.255	-.255	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
103	MP3A	X	2.625	2.625	0	%100
104	MP3A	Z	-1.515	-1.515	0	%100
105	MP4A	X	2.625	2.625	0	%100
106	MP4A	Z	-1.515	-1.515	0	%100
107	MP1A	X	2.625	2.625	0	%100
108	MP1A	Z	-1.515	-1.515	0	%100
109	MP4C	X	2.625	2.625	0	%100
110	MP4C	Z	-1.515	-1.515	0	%100
111	MP1C	X	2.625	2.625	0	%100
112	MP1C	Z	-1.515	-1.515	0	%100
113	MP4B	X	2.625	2.625	0	%100
114	MP4B	Z	-1.515	-1.515	0	%100
115	MP1B	X	2.625	2.625	0	%100
116	MP1B	Z	-1.515	-1.515	0	%100
117	M127	X	1.098	1.098	0	%100
118	M127	Z	-.634	-.634	0	%100
119	M128	X	3.015	3.015	0	%100
120	M128	Z	-1.74	-1.74	0	%100
121	M129	X	3.176	3.176	0	%100
122	M129	Z	-1.834	-1.834	0	%100
123	M130	X	3.176	3.176	0	%100
124	M130	Z	-1.834	-1.834	0	%100
125	M131	X	.936	.936	0	%100
126	M131	Z	-.541	-.541	0	%100
127	M132	X	.936	.936	0	%100
128	M132	Z	-.541	-.541	0	%100
129	M133	X	.936	.936	0	%100
130	M133	Z	-.541	-.541	0	%100
131	M134	X	.936	.936	0	%100
132	M134	Z	-.541	-.541	0	%100
133	M135	X	.936	.936	0	%100
134	M135	Z	-.541	-.541	0	%100
135	MP2A	X	2.625	2.625	0	%100
136	MP2A	Z	-1.515	-1.515	0	%100
137	MP3C	X	2.625	2.625	0	%100
138	MP3C	Z	-1.515	-1.515	0	%100
139	MP3B	X	2.625	2.625	0	%100
140	MP3B	Z	-1.515	-1.515	0	%100
141	MP5C	X	1.921	1.921	0	%100
142	MP5C	Z	-1.109	-1.109	0	%100
143	MP2C	X	2.625	2.625	0	%100
144	MP2C	Z	-1.515	-1.515	0	%100
145	MP2B	X	2.625	2.625	0	%100
146	MP2B	Z	-1.515	-1.515	0	%100
147	M127A	X	1.921	1.921	0	%100
148	M127A	Z	-1.109	-1.109	0	%100
149	M130B	X	1.921	1.921	0	%100
150	M130B	Z	-1.109	-1.109	0	%100
151	M133A	X	1.921	1.921	0	%100
152	M133A	Z	-1.109	-1.109	0	%100
153	M136A	X	1.921	1.921	0	%100
154	M136A	Z	-1.109	-1.109	0	%100
155	M139	X	1.921	1.921	0	%100
156	M139	Z	-1.109	-1.109	0	%100

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

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

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	4.396	4.396	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	4.396	4.396	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	4.396	4.396	0	%100
10	M5	Z	0	0	0	%100
11	M6	X	4.396	4.396	0	%100
12	M6	Z	0	0	0	%100
13	M7	X	0	0	0	%100
14	M7	Z	0	0	0	%100
15	M8	X	4.358	4.358	0	%100
16	M8	Z	0	0	0	%100
17	M9	X	4.358	4.358	0	%100
18	M9	Z	0	0	0	%100
19	M13	X	.846	.846	0	%100
20	M13	Z	0	0	0	%100
21	M14A	X	.846	.846	0	%100
22	M14A	Z	0	0	0	%100
23	M18	X	0	0	0	%100
24	M18	Z	0	0	0	%100
25	M22	X	2.301	2.301	0	%100
26	M22	Z	0	0	0	%100
27	M23	X	.575	.575	0	%100
28	M23	Z	0	0	0	%100
29	M24	X	.575	.575	0	%100
30	M24	Z	0	0	0	%100
31	M25	X	3.58	3.58	0	%100
32	M25	Z	0	0	0	%100
33	M26	X	0	0	0	%100
34	M26	Z	0	0	0	%100
35	M27	X	3.58	3.58	0	%100
36	M27	Z	0	0	0	%100
37	M34	X	.846	.846	0	%100
38	M34	Z	0	0	0	%100
39	M35	X	.575	.575	0	%100
40	M35	Z	0	0	0	%100
41	M42	X	.846	.846	0	%100
42	M42	Z	0	0	0	%100
43	M43	X	.575	.575	0	%100
44	M43	Z	0	0	0	%100
45	M50	X	0	0	0	%100
46	M50	Z	0	0	0	%100
47	M51	X	2.301	2.301	0	%100
48	M51	Z	0	0	0	%100
49	M52	X	3.209	3.209	0	%100
50	M52	Z	0	0	0	%100
51	M53	X	3.209	3.209	0	%100
52	M53	Z	0	0	0	%100
53	M54	X	0	0	0	%100
54	M54	Z	0	0	0	%100
55	M55	X	3.209	3.209	0	%100
56	M55	Z	0	0	0	%100
57	M56	X	3.209	3.209	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
58	M56	Z	0	0	0	%100
59	M57	X	1.668	1.668	0	%100
60	M57	Z	0	0	0	%100
61	M58	X	1.668	1.668	0	%100
62	M58	Z	0	0	0	%100
63	M59	X	3.209	3.209	0	%100
64	M59	Z	0	0	0	%100
65	M60	X	3.209	3.209	0	%100
66	M60	Z	0	0	0	%100
67	M61	X	2.361	2.361	0	%100
68	M61	Z	0	0	0	%100
69	M62	X	3.209	3.209	0	%100
70	M62	Z	0	0	0	%100
71	M63	X	3.209	3.209	0	%100
72	M63	Z	0	0	0	%100
73	M64	X	3.167	3.167	0	%100
74	M64	Z	0	0	0	%100
75	M65	X	3.167	3.167	0	%100
76	M65	Z	0	0	0	%100
77	M66	X	3.209	3.209	0	%100
78	M66	Z	0	0	0	%100
79	M67	X	3.209	3.209	0	%100
80	M67	Z	0	0	0	%100
81	M68	X	2.361	2.361	0	%100
82	M68	Z	0	0	0	%100
83	M69	X	3.209	3.209	0	%100
84	M69	Z	0	0	0	%100
85	M70	X	3.209	3.209	0	%100
86	M70	Z	0	0	0	%100
87	M71	X	3.167	3.167	0	%100
88	M71	Z	0	0	0	%100
89	M72	X	3.167	3.167	0	%100
90	M72	Z	0	0	0	%100
91	M73	X	0	0	0	%100
92	M73	Z	0	0	0	%100
93	M74	X	0	0	0	%100
94	M74	Z	0	0	0	%100
95	M79	X	1.531	1.531	0	%100
96	M79	Z	0	0	0	%100
97	M80	X	1.531	1.531	0	%100
98	M80	Z	0	0	0	%100
99	M85	X	1.531	1.531	0	%100
100	M85	Z	0	0	0	%100
101	M86	X	1.531	1.531	0	%100
102	M86	Z	0	0	0	%100
103	MP3A	X	3.031	3.031	0	%100
104	MP3A	Z	0	0	0	%100
105	MP4A	X	3.031	3.031	0	%100
106	MP4A	Z	0	0	0	%100
107	MP1A	X	3.031	3.031	0	%100
108	MP1A	Z	0	0	0	%100
109	MP4C	X	3.031	3.031	0	%100
110	MP4C	Z	0	0	0	%100
111	MP1C	X	3.031	3.031	0	%100
112	MP1C	Z	0	0	0	%100
113	MP4B	X	3.031	3.031	0	%100
114	MP4B	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
115	MP1B	X	3.031	3.031	0	%100
116	MP1B	Z	0	0	0	%100
117	M127	X	0	0	0	%100
118	M127	Z	0	0	0	%100
119	M128	X	4.641	4.641	0	%100
120	M128	Z	0	0	0	%100
121	M129	X	3.667	3.667	0	%100
122	M129	Z	0	0	0	%100
123	M130	X	3.667	3.667	0	%100
124	M130	Z	0	0	0	%100
125	M131	X	1.442	1.442	0	%100
126	M131	Z	0	0	0	%100
127	M132	X	1.442	1.442	0	%100
128	M132	Z	0	0	0	%100
129	M133	X	1.442	1.442	0	%100
130	M133	Z	0	0	0	%100
131	M134	X	1.442	1.442	0	%100
132	M134	Z	0	0	0	%100
133	M135	X	1.442	1.442	0	%100
134	M135	Z	0	0	0	%100
135	MP2A	X	3.031	3.031	0	%100
136	MP2A	Z	0	0	0	%100
137	MP3C	X	3.031	3.031	0	%100
138	MP3C	Z	0	0	0	%100
139	MP3B	X	3.031	3.031	0	%100
140	MP3B	Z	0	0	0	%100
141	MP5C	X	2.218	2.218	0	%100
142	MP5C	Z	0	0	0	%100
143	MP2C	X	3.031	3.031	0	%100
144	MP2C	Z	0	0	0	%100
145	MP2B	X	3.031	3.031	0	%100
146	MP2B	Z	0	0	0	%100
147	M127A	X	2.218	2.218	0	%100
148	M127A	Z	0	0	0	%100
149	M130B	X	2.218	2.218	0	%100
150	M130B	Z	0	0	0	%100
151	M133A	X	2.218	2.218	0	%100
152	M133A	Z	0	0	0	%100
153	M136A	X	2.218	2.218	0	%100
154	M136A	Z	0	0	0	%100
155	M139	X	2.218	2.218	0	%100
156	M139	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
1	M1	X	1.269	1.269	0	%100
2	M1	Z	.733	.733	0	%100
3	M2	X	1.269	1.269	0	%100
4	M2	Z	.733	.733	0	%100
5	M3	X	1.269	1.269	0	%100
6	M3	Z	.733	.733	0	%100
7	M4	X	1.269	1.269	0	%100
8	M4	Z	.733	.733	0	%100
9	M5	X	5.076	5.076	0	%100
10	M5	Z	2.931	2.931	0	%100
11	M6	X	5.076	5.076	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
12	M6	Z	2.931	2.931	0	%100
13	M7	X	1.258	1.258	0	%100
14	M7	Z	.726	.726	0	%100
15	M8	X	1.258	1.258	0	%100
16	M8	Z	.726	.726	0	%100
17	M9	X	5.032	5.032	0	%100
18	M9	Z	2.905	2.905	0	%100
19	M13	X	.244	.244	0	%100
20	M13	Z	.141	.141	0	%100
21	M14A	X	.977	.977	0	%100
22	M14A	Z	.564	.564	0	%100
23	M18	X	.244	.244	0	%100
24	M18	Z	.141	.141	0	%100
25	M22	X	1.494	1.494	0	%100
26	M22	Z	.863	.863	0	%100
27	M23	X	1.494	1.494	0	%100
28	M23	Z	.863	.863	0	%100
29	M24	X	0	0	0	%100
30	M24	Z	0	0	0	%100
31	M25	X	4.134	4.134	0	%100
32	M25	Z	2.387	2.387	0	%100
33	M26	X	1.034	1.034	0	%100
34	M26	Z	.597	.597	0	%100
35	M27	X	1.034	1.034	0	%100
36	M27	Z	.597	.597	0	%100
37	M34	X	.244	.244	0	%100
38	M34	Z	.141	.141	0	%100
39	M35	X	1.494	1.494	0	%100
40	M35	Z	.863	.863	0	%100
41	M42	X	.977	.977	0	%100
42	M42	Z	.564	.564	0	%100
43	M43	X	0	0	0	%100
44	M43	Z	0	0	0	%100
45	M50	X	.244	.244	0	%100
46	M50	Z	.141	.141	0	%100
47	M51	X	1.494	1.494	0	%100
48	M51	Z	.863	.863	0	%100
49	M52	X	2.779	2.779	0	%100
50	M52	Z	1.605	1.605	0	%100
51	M53	X	2.779	2.779	0	%100
52	M53	Z	1.605	1.605	0	%100
53	M54	X	.681	.681	0	%100
54	M54	Z	.393	.393	0	%100
55	M55	X	2.779	2.779	0	%100
56	M55	Z	1.605	1.605	0	%100
57	M56	X	2.779	2.779	0	%100
58	M56	Z	1.605	1.605	0	%100
59	M57	X	1.878	1.878	0	%100
60	M57	Z	1.084	1.084	0	%100
61	M58	X	1.878	1.878	0	%100
62	M58	Z	1.084	1.084	0	%100
63	M59	X	2.779	2.779	0	%100
64	M59	Z	1.605	1.605	0	%100
65	M60	X	2.779	2.779	0	%100
66	M60	Z	1.605	1.605	0	%100
67	M61	X	.681	.681	0	%100
68	M61	Z	.393	.393	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
69	M62	X	2.779	2.779	0	%100
70	M62	Z	1.605	1.605	0	%100
71	M63	X	2.779	2.779	0	%100
72	M63	Z	1.605	1.605	0	%100
73	M64	X	1.878	1.878	0	%100
74	M64	Z	1.084	1.084	0	%100
75	M65	X	1.878	1.878	0	%100
76	M65	Z	1.084	1.084	0	%100
77	M66	X	2.779	2.779	0	%100
78	M66	Z	1.605	1.605	0	%100
79	M67	X	2.779	2.779	0	%100
80	M67	Z	1.605	1.605	0	%100
81	M68	X	2.726	2.726	0	%100
82	M68	Z	1.574	1.574	0	%100
83	M69	X	2.779	2.779	0	%100
84	M69	Z	1.605	1.605	0	%100
85	M70	X	2.779	2.779	0	%100
86	M70	Z	1.605	1.605	0	%100
87	M71	X	3.176	3.176	0	%100
88	M71	Z	1.834	1.834	0	%100
89	M72	X	3.176	3.176	0	%100
90	M72	Z	1.834	1.834	0	%100
91	M73	X	.442	.442	0	%100
92	M73	Z	.255	.255	0	%100
93	M74	X	.442	.442	0	%100
94	M74	Z	.255	.255	0	%100
95	M79	X	.442	.442	0	%100
96	M79	Z	.255	.255	0	%100
97	M80	X	.442	.442	0	%100
98	M80	Z	.255	.255	0	%100
99	M85	X	1.768	1.768	0	%100
100	M85	Z	1.021	1.021	0	%100
101	M86	X	1.768	1.768	0	%100
102	M86	Z	1.021	1.021	0	%100
103	MP3A	X	2.625	2.625	0	%100
104	MP3A	Z	1.515	1.515	0	%100
105	MP4A	X	2.625	2.625	0	%100
106	MP4A	Z	1.515	1.515	0	%100
107	MP1A	X	2.625	2.625	0	%100
108	MP1A	Z	1.515	1.515	0	%100
109	MP4C	X	2.625	2.625	0	%100
110	MP4C	Z	1.515	1.515	0	%100
111	MP1C	X	2.625	2.625	0	%100
112	MP1C	Z	1.515	1.515	0	%100
113	MP4B	X	2.625	2.625	0	%100
114	MP4B	Z	1.515	1.515	0	%100
115	MP1B	X	2.625	2.625	0	%100
116	MP1B	Z	1.515	1.515	0	%100
117	M127	X	1.098	1.098	0	%100
118	M127	Z	.634	.634	0	%100
119	M128	X	3.015	3.015	0	%100
120	M128	Z	1.74	1.74	0	%100
121	M129	X	3.176	3.176	0	%100
122	M129	Z	1.834	1.834	0	%100
123	M130	X	3.176	3.176	0	%100
124	M130	Z	1.834	1.834	0	%100
125	M131	X	.936	.936	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
126	M131	Z	.541	.541	0	%100
127	M132	X	.936	.936	0	%100
128	M132	Z	.541	.541	0	%100
129	M133	X	.936	.936	0	%100
130	M133	Z	.541	.541	0	%100
131	M134	X	.936	.936	0	%100
132	M134	Z	.541	.541	0	%100
133	M135	X	.936	.936	0	%100
134	M135	Z	.541	.541	0	%100
135	MP2A	X	2.625	2.625	0	%100
136	MP2A	Z	1.515	1.515	0	%100
137	MP3C	X	2.625	2.625	0	%100
138	MP3C	Z	1.515	1.515	0	%100
139	MP3B	X	2.625	2.625	0	%100
140	MP3B	Z	1.515	1.515	0	%100
141	MP5C	X	1.921	1.921	0	%100
142	MP5C	Z	1.109	1.109	0	%100
143	MP2C	X	2.625	2.625	0	%100
144	MP2C	Z	1.515	1.515	0	%100
145	MP2B	X	2.625	2.625	0	%100
146	MP2B	Z	1.515	1.515	0	%100
147	M127A	X	1.921	1.921	0	%100
148	M127A	Z	1.109	1.109	0	%100
149	M130B	X	1.921	1.921	0	%100
150	M130B	Z	1.109	1.109	0	%100
151	M133A	X	1.921	1.921	0	%100
152	M133A	Z	1.109	1.109	0	%100
153	M136A	X	1.921	1.921	0	%100
154	M136A	Z	1.109	1.109	0	%100
155	M139	X	1.921	1.921	0	%100
156	M139	Z	1.109	1.109	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
1	M1	X	2.198	2.198	0	%100
2	M1	Z	3.807	3.807	0	%100
3	M2	X	2.198	2.198	0	%100
4	M2	Z	3.807	3.807	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	2.198	2.198	0	%100
10	M5	Z	3.807	3.807	0	%100
11	M6	X	2.198	2.198	0	%100
12	M6	Z	3.807	3.807	0	%100
13	M7	X	2.179	2.179	0	%100
14	M7	Z	3.774	3.774	0	%100
15	M8	X	0	0	0	%100
16	M8	Z	0	0	0	%100
17	M9	X	2.179	2.179	0	%100
18	M9	Z	3.774	3.774	0	%100
19	M13	X	0	0	0	%100
20	M13	Z	0	0	0	%100
21	M14A	X	.423	.423	0	%100
22	M14A	Z	.733	.733	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
23	M18	X	.423	.423	0	%100
24	M18	Z	.733	.733	0	%100
25	M22	X	.288	.288	0	%100
26	M22	Z	.498	.498	0	%100
27	M23	X	1.15	1.15	0	%100
28	M23	Z	1.992	1.992	0	%100
29	M24	X	.288	.288	0	%100
30	M24	Z	.498	.498	0	%100
31	M25	X	1.79	1.79	0	%100
32	M25	Z	3.101	3.101	0	%100
33	M26	X	1.79	1.79	0	%100
34	M26	Z	3.101	3.101	0	%100
35	M27	X	0	0	0	%100
36	M27	Z	0	0	0	%100
37	M34	X	0	0	0	%100
38	M34	Z	0	0	0	%100
39	M35	X	1.15	1.15	0	%100
40	M35	Z	1.992	1.992	0	%100
41	M42	X	.423	.423	0	%100
42	M42	Z	.733	.733	0	%100
43	M43	X	.288	.288	0	%100
44	M43	Z	.498	.498	0	%100
45	M50	X	.423	.423	0	%100
46	M50	Z	.733	.733	0	%100
47	M51	X	.288	.288	0	%100
48	M51	Z	.498	.498	0	%100
49	M52	X	1.605	1.605	0	%100
50	M52	Z	2.779	2.779	0	%100
51	M53	X	1.605	1.605	0	%100
52	M53	Z	2.779	2.779	0	%100
53	M54	X	1.18	1.18	0	%100
54	M54	Z	2.044	2.044	0	%100
55	M55	X	1.605	1.605	0	%100
56	M55	Z	2.779	2.779	0	%100
57	M56	X	1.605	1.605	0	%100
58	M56	Z	2.779	2.779	0	%100
59	M57	X	1.584	1.584	0	%100
60	M57	Z	2.743	2.743	0	%100
61	M58	X	1.584	1.584	0	%100
62	M58	Z	2.743	2.743	0	%100
63	M59	X	1.605	1.605	0	%100
64	M59	Z	2.779	2.779	0	%100
65	M60	X	1.605	1.605	0	%100
66	M60	Z	2.779	2.779	0	%100
67	M61	X	0	0	0	%100
68	M61	Z	0	0	0	%100
69	M62	X	1.605	1.605	0	%100
70	M62	Z	2.779	2.779	0	%100
71	M63	X	1.605	1.605	0	%100
72	M63	Z	2.779	2.779	0	%100
73	M64	X	.834	.834	0	%100
74	M64	Z	1.445	1.445	0	%100
75	M65	X	.834	.834	0	%100
76	M65	Z	1.445	1.445	0	%100
77	M66	X	1.605	1.605	0	%100
78	M66	Z	2.779	2.779	0	%100
79	M67	X	1.605	1.605	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
80	M67	Z	2.779	2.779	0	%100
81	M68	X	1.18	1.18	0	%100
82	M68	Z	2.044	2.044	0	%100
83	M69	X	1.605	1.605	0	%100
84	M69	Z	2.779	2.779	0	%100
85	M70	X	1.605	1.605	0	%100
86	M70	Z	2.779	2.779	0	%100
87	M71	X	1.584	1.584	0	%100
88	M71	Z	2.743	2.743	0	%100
89	M72	X	1.584	1.584	0	%100
90	M72	Z	2.743	2.743	0	%100
91	M73	X	.765	.765	0	%100
92	M73	Z	1.326	1.326	0	%100
93	M74	X	.765	.765	0	%100
94	M74	Z	1.326	1.326	0	%100
95	M79	X	0	0	0	%100
96	M79	Z	0	0	0	%100
97	M80	X	0	0	0	%100
98	M80	Z	0	0	0	%100
99	M85	X	.765	.765	0	%100
100	M85	Z	1.326	1.326	0	%100
101	M86	X	.765	.765	0	%100
102	M86	Z	1.326	1.326	0	%100
103	MP3A	X	1.515	1.515	0	%100
104	MP3A	Z	2.625	2.625	0	%100
105	MP4A	X	1.515	1.515	0	%100
106	MP4A	Z	2.625	2.625	0	%100
107	MP1A	X	1.515	1.515	0	%100
108	MP1A	Z	2.625	2.625	0	%100
109	MP4C	X	1.515	1.515	0	%100
110	MP4C	Z	2.625	2.625	0	%100
111	MP1C	X	1.515	1.515	0	%100
112	MP1C	Z	2.625	2.625	0	%100
113	MP4B	X	1.515	1.515	0	%100
114	MP4B	Z	2.625	2.625	0	%100
115	MP1B	X	1.515	1.515	0	%100
116	MP1B	Z	2.625	2.625	0	%100
117	M127	X	1.901	1.901	0	%100
118	M127	Z	3.293	3.293	0	%100
119	M128	X	.58	.58	0	%100
120	M128	Z	1.005	1.005	0	%100
121	M129	X	1.834	1.834	0	%100
122	M129	Z	3.176	3.176	0	%100
123	M130	X	1.834	1.834	0	%100
124	M130	Z	3.176	3.176	0	%100
125	M131	X	.18	.18	0	%100
126	M131	Z	.312	.312	0	%100
127	M132	X	.18	.18	0	%100
128	M132	Z	.312	.312	0	%100
129	M133	X	.18	.18	0	%100
130	M133	Z	.312	.312	0	%100
131	M134	X	.18	.18	0	%100
132	M134	Z	.312	.312	0	%100
133	M135	X	.18	.18	0	%100
134	M135	Z	.312	.312	0	%100
135	MP2A	X	1.515	1.515	0	%100
136	MP2A	Z	2.625	2.625	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
137	MP3C	X	1.515	1.515	0	%100
138	MP3C	Z	2.625	2.625	0	%100
139	MP3B	X	1.515	1.515	0	%100
140	MP3B	Z	2.625	2.625	0	%100
141	MP5C	X	1.109	1.109	0	%100
142	MP5C	Z	1.921	1.921	0	%100
143	MP2C	X	1.515	1.515	0	%100
144	MP2C	Z	2.625	2.625	0	%100
145	MP2B	X	1.515	1.515	0	%100
146	MP2B	Z	2.625	2.625	0	%100
147	M127A	X	1.109	1.109	0	%100
148	M127A	Z	1.921	1.921	0	%100
149	M130B	X	1.109	1.109	0	%100
150	M130B	Z	1.921	1.921	0	%100
151	M133A	X	1.109	1.109	0	%100
152	M133A	Z	1.921	1.921	0	%100
153	M136A	X	1.109	1.109	0	%100
154	M136A	Z	1.921	1.921	0	%100
155	M139	X	1.109	1.109	0	%100
156	M139	Z	1.921	1.921	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
1	M1	X	0	0	0	%100
2	M1	Z	5.862	5.862	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	5.862	5.862	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	1.465	1.465	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	1.465	1.465	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	1.465	1.465	0	%100
11	M6	X	0	0	0	%100
12	M6	Z	1.465	1.465	0	%100
13	M7	X	0	0	0	%100
14	M7	Z	5.81	5.81	0	%100
15	M8	X	0	0	0	%100
16	M8	Z	1.453	1.453	0	%100
17	M9	X	0	0	0	%100
18	M9	Z	1.453	1.453	0	%100
19	M13	X	0	0	0	%100
20	M13	Z	.282	.282	0	%100
21	M14A	X	0	0	0	%100
22	M14A	Z	.282	.282	0	%100
23	M18	X	0	0	0	%100
24	M18	Z	1.128	1.128	0	%100
25	M22	X	0	0	0	%100
26	M22	Z	0	0	0	%100
27	M23	X	0	0	0	%100
28	M23	Z	1.725	1.725	0	%100
29	M24	X	0	0	0	%100
30	M24	Z	1.725	1.725	0	%100
31	M25	X	0	0	0	%100
32	M25	Z	1.193	1.193	0	%100
33	M26	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
34	M26	Z	4.774	4.774	0	%100
35	M27	X	0	0	0	%100
36	M27	Z	1.193	1.193	0	%100
37	M34	X	0	0	0	%100
38	M34	Z	.282	.282	0	%100
39	M35	X	0	0	0	%100
40	M35	Z	1.725	1.725	0	%100
41	M42	X	0	0	0	%100
42	M42	Z	.282	.282	0	%100
43	M43	X	0	0	0	%100
44	M43	Z	1.725	1.725	0	%100
45	M50	X	0	0	0	%100
46	M50	Z	1.128	1.128	0	%100
47	M51	X	0	0	0	%100
48	M51	Z	0	0	0	%100
49	M52	X	0	0	0	%100
50	M52	Z	3.209	3.209	0	%100
51	M53	X	0	0	0	%100
52	M53	Z	3.209	3.209	0	%100
53	M54	X	0	0	0	%100
54	M54	Z	3.148	3.148	0	%100
55	M55	X	0	0	0	%100
56	M55	Z	3.209	3.209	0	%100
57	M56	X	0	0	0	%100
58	M56	Z	3.209	3.209	0	%100
59	M57	X	0	0	0	%100
60	M57	Z	3.667	3.667	0	%100
61	M58	X	0	0	0	%100
62	M58	Z	3.667	3.667	0	%100
63	M59	X	0	0	0	%100
64	M59	Z	3.209	3.209	0	%100
65	M60	X	0	0	0	%100
66	M60	Z	3.209	3.209	0	%100
67	M61	X	0	0	0	%100
68	M61	Z	.787	.787	0	%100
69	M62	X	0	0	0	%100
70	M62	Z	3.209	3.209	0	%100
71	M63	X	0	0	0	%100
72	M63	Z	3.209	3.209	0	%100
73	M64	X	0	0	0	%100
74	M64	Z	2.168	2.168	0	%100
75	M65	X	0	0	0	%100
76	M65	Z	2.168	2.168	0	%100
77	M66	X	0	0	0	%100
78	M66	Z	3.209	3.209	0	%100
79	M67	X	0	0	0	%100
80	M67	Z	3.209	3.209	0	%100
81	M68	X	0	0	0	%100
82	M68	Z	.787	.787	0	%100
83	M69	X	0	0	0	%100
84	M69	Z	3.209	3.209	0	%100
85	M70	X	0	0	0	%100
86	M70	Z	3.209	3.209	0	%100
87	M71	X	0	0	0	%100
88	M71	Z	2.168	2.168	0	%100
89	M72	X	0	0	0	%100
90	M72	Z	2.168	2.168	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
91	M73	X	0	0	0	%100
92	M73	Z	2.041	2.041	0	%100
93	M74	X	0	0	0	%100
94	M74	Z	2.041	2.041	0	%100
95	M79	X	0	0	0	%100
96	M79	Z	.51	.51	0	%100
97	M80	X	0	0	0	%100
98	M80	Z	.51	.51	0	%100
99	M85	X	0	0	0	%100
100	M85	Z	.51	.51	0	%100
101	M86	X	0	0	0	%100
102	M86	Z	.51	.51	0	%100
103	MP3A	X	0	0	0	%100
104	MP3A	Z	3.031	3.031	0	%100
105	MP4A	X	0	0	0	%100
106	MP4A	Z	3.031	3.031	0	%100
107	MP1A	X	0	0	0	%100
108	MP1A	Z	3.031	3.031	0	%100
109	MP4C	X	0	0	0	%100
110	MP4C	Z	3.031	3.031	0	%100
111	MP1C	X	0	0	0	%100
112	MP1C	Z	3.031	3.031	0	%100
113	MP4B	X	0	0	0	%100
114	MP4B	Z	3.031	3.031	0	%100
115	MP1B	X	0	0	0	%100
116	MP1B	Z	3.031	3.031	0	%100
117	M127	X	0	0	0	%100
118	M127	Z	5.071	5.071	0	%100
119	M128	X	0	0	0	%100
120	M128	Z	0	0	0	%100
121	M129	X	0	0	0	%100
122	M129	Z	3.667	3.667	0	%100
123	M130	X	0	0	0	%100
124	M130	Z	3.667	3.667	0	%100
125	M131	X	0	0	0	%100
126	M131	Z	0	0	0	%100
127	M132	X	0	0	0	%100
128	M132	Z	0	0	0	%100
129	M133	X	0	0	0	%100
130	M133	Z	0	0	0	%100
131	M134	X	0	0	0	%100
132	M134	Z	0	0	0	%100
133	M135	X	0	0	0	%100
134	M135	Z	0	0	0	%100
135	MP2A	X	0	0	0	%100
136	MP2A	Z	3.031	3.031	0	%100
137	MP3C	X	0	0	0	%100
138	MP3C	Z	3.031	3.031	0	%100
139	MP3B	X	0	0	0	%100
140	MP3B	Z	3.031	3.031	0	%100
141	MP5C	X	0	0	0	%100
142	MP5C	Z	2.218	2.218	0	%100
143	MP2C	X	0	0	0	%100
144	MP2C	Z	3.031	3.031	0	%100
145	MP2B	X	0	0	0	%100
146	MP2B	Z	3.031	3.031	0	%100
147	M127A	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
148	M127A	Z	2.218	2.218	0	%100
149	M130B	X	0	0	0	%100
150	M130B	Z	2.218	2.218	0	%100
151	M133A	X	0	0	0	%100
152	M133A	Z	2.218	2.218	0	%100
153	M136A	X	0	0	0	%100
154	M136A	Z	2.218	2.218	0	%100
155	M139	X	0	0	0	%100
156	M139	Z	2.218	2.218	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
1	M1	X	-2.198	-2.198	0	%100
2	M1	Z	3.807	3.807	0	%100
3	M2	X	-2.198	-2.198	0	%100
4	M2	Z	3.807	3.807	0	%100
5	M3	X	-2.198	-2.198	0	%100
6	M3	Z	3.807	3.807	0	%100
7	M4	X	-2.198	-2.198	0	%100
8	M4	Z	3.807	3.807	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	0	0	0	%100
11	M6	X	0	0	0	%100
12	M6	Z	0	0	0	%100
13	M7	X	-2.179	-2.179	0	%100
14	M7	Z	3.774	3.774	0	%100
15	M8	X	-2.179	-2.179	0	%100
16	M8	Z	3.774	3.774	0	%100
17	M9	X	0	0	0	%100
18	M9	Z	0	0	0	%100
19	M13	X	-.423	-.423	0	%100
20	M13	Z	.733	.733	0	%100
21	M14A	X	0	0	0	%100
22	M14A	Z	0	0	0	%100
23	M18	X	-.423	-.423	0	%100
24	M18	Z	.733	.733	0	%100
25	M22	X	-.288	-.288	0	%100
26	M22	Z	.498	.498	0	%100
27	M23	X	-.288	-.288	0	%100
28	M23	Z	.498	.498	0	%100
29	M24	X	-1.15	-1.15	0	%100
30	M24	Z	1.992	1.992	0	%100
31	M25	X	0	0	0	%100
32	M25	Z	0	0	0	%100
33	M26	X	-1.79	-1.79	0	%100
34	M26	Z	3.101	3.101	0	%100
35	M27	X	-1.79	-1.79	0	%100
36	M27	Z	3.101	3.101	0	%100
37	M34	X	-.423	-.423	0	%100
38	M34	Z	.733	.733	0	%100
39	M35	X	-.288	-.288	0	%100
40	M35	Z	.498	.498	0	%100
41	M42	X	0	0	0	%100
42	M42	Z	0	0	0	%100
43	M43	X	-1.15	-1.15	0	%100
44	M43	Z	1.992	1.992	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
45	M50	X	-.423	-.423	0	%100
46	M50	Z	.733	.733	0	%100
47	M51	X	-.288	-.288	0	%100
48	M51	Z	.498	.498	0	%100
49	M52	X	-1.605	-1.605	0	%100
50	M52	Z	2.779	2.779	0	%100
51	M53	X	-1.605	-1.605	0	%100
52	M53	Z	2.779	2.779	0	%100
53	M54	X	-1.18	-1.18	0	%100
54	M54	Z	2.044	2.044	0	%100
55	M55	X	-1.605	-1.605	0	%100
56	M55	Z	2.779	2.779	0	%100
57	M56	X	-1.605	-1.605	0	%100
58	M56	Z	2.779	2.779	0	%100
59	M57	X	-1.584	-1.584	0	%100
60	M57	Z	2.743	2.743	0	%100
61	M58	X	-1.584	-1.584	0	%100
62	M58	Z	2.743	2.743	0	%100
63	M59	X	-1.605	-1.605	0	%100
64	M59	Z	2.779	2.779	0	%100
65	M60	X	-1.605	-1.605	0	%100
66	M60	Z	2.779	2.779	0	%100
67	M61	X	-1.18	-1.18	0	%100
68	M61	Z	2.044	2.044	0	%100
69	M62	X	-1.605	-1.605	0	%100
70	M62	Z	2.779	2.779	0	%100
71	M63	X	-1.605	-1.605	0	%100
72	M63	Z	2.779	2.779	0	%100
73	M64	X	-1.584	-1.584	0	%100
74	M64	Z	2.743	2.743	0	%100
75	M65	X	-1.584	-1.584	0	%100
76	M65	Z	2.743	2.743	0	%100
77	M66	X	-1.605	-1.605	0	%100
78	M66	Z	2.779	2.779	0	%100
79	M67	X	-1.605	-1.605	0	%100
80	M67	Z	2.779	2.779	0	%100
81	M68	X	0	0	0	%100
82	M68	Z	0	0	0	%100
83	M69	X	-1.605	-1.605	0	%100
84	M69	Z	2.779	2.779	0	%100
85	M70	X	-1.605	-1.605	0	%100
86	M70	Z	2.779	2.779	0	%100
87	M71	X	-.834	-.834	0	%100
88	M71	Z	1.445	1.445	0	%100
89	M72	X	-.834	-.834	0	%100
90	M72	Z	1.445	1.445	0	%100
91	M73	X	-.765	-.765	0	%100
92	M73	Z	1.326	1.326	0	%100
93	M74	X	-.765	-.765	0	%100
94	M74	Z	1.326	1.326	0	%100
95	M79	X	-.765	-.765	0	%100
96	M79	Z	1.326	1.326	0	%100
97	M80	X	-.765	-.765	0	%100
98	M80	Z	1.326	1.326	0	%100
99	M85	X	0	0	0	%100
100	M85	Z	0	0	0	%100
101	M86	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,F...	Start Location[in,%]	End Location[in,%]
102	M86	Z	0	0	0	%100
103	MP3A	X	-1.515	-1.515	0	%100
104	MP3A	Z	2.625	2.625	0	%100
105	MP4A	X	-1.515	-1.515	0	%100
106	MP4A	Z	2.625	2.625	0	%100
107	MP1A	X	-1.515	-1.515	0	%100
108	MP1A	Z	2.625	2.625	0	%100
109	MP4C	X	-1.515	-1.515	0	%100
110	MP4C	Z	2.625	2.625	0	%100
111	MP1C	X	-1.515	-1.515	0	%100
112	MP1C	Z	2.625	2.625	0	%100
113	MP4B	X	-1.515	-1.515	0	%100
114	MP4B	Z	2.625	2.625	0	%100
115	MP1B	X	-1.515	-1.515	0	%100
116	MP1B	Z	2.625	2.625	0	%100
117	M127	X	-1.901	-1.901	0	%100
118	M127	Z	3.293	3.293	0	%100
119	M128	X	-.58	-.58	0	%100
120	M128	Z	1.005	1.005	0	%100
121	M129	X	-1.834	-1.834	0	%100
122	M129	Z	3.176	3.176	0	%100
123	M130	X	-1.834	-1.834	0	%100
124	M130	Z	3.176	3.176	0	%100
125	M131	X	-.18	-.18	0	%100
126	M131	Z	.312	.312	0	%100
127	M132	X	-.18	-.18	0	%100
128	M132	Z	.312	.312	0	%100
129	M133	X	-.18	-.18	0	%100
130	M133	Z	.312	.312	0	%100
131	M134	X	-.18	-.18	0	%100
132	M134	Z	.312	.312	0	%100
133	M135	X	-.18	-.18	0	%100
134	M135	Z	.312	.312	0	%100
135	MP2A	X	-1.515	-1.515	0	%100
136	MP2A	Z	2.625	2.625	0	%100
137	MP3C	X	-1.515	-1.515	0	%100
138	MP3C	Z	2.625	2.625	0	%100
139	MP3B	X	-1.515	-1.515	0	%100
140	MP3B	Z	2.625	2.625	0	%100
141	MP5C	X	-1.109	-1.109	0	%100
142	MP5C	Z	1.921	1.921	0	%100
143	MP2C	X	-1.515	-1.515	0	%100
144	MP2C	Z	2.625	2.625	0	%100
145	MP2B	X	-1.515	-1.515	0	%100
146	MP2B	Z	2.625	2.625	0	%100
147	M127A	X	-1.109	-1.109	0	%100
148	M127A	Z	1.921	1.921	0	%100
149	M130B	X	-1.109	-1.109	0	%100
150	M130B	Z	1.921	1.921	0	%100
151	M133A	X	-1.109	-1.109	0	%100
152	M133A	Z	1.921	1.921	0	%100
153	M136A	X	-1.109	-1.109	0	%100
154	M136A	Z	1.921	1.921	0	%100
155	M139	X	-1.109	-1.109	0	%100
156	M139	Z	1.921	1.921	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
1	M1	X	-1.269	-1.269	0	%100
2	M1	Z	.733	.733	0	%100
3	M2	X	-1.269	-1.269	0	%100
4	M2	Z	.733	.733	0	%100
5	M3	X	-5.076	-5.076	0	%100
6	M3	Z	2.931	2.931	0	%100
7	M4	X	-5.076	-5.076	0	%100
8	M4	Z	2.931	2.931	0	%100
9	M5	X	-1.269	-1.269	0	%100
10	M5	Z	.733	.733	0	%100
11	M6	X	-1.269	-1.269	0	%100
12	M6	Z	.733	.733	0	%100
13	M7	X	-1.258	-1.258	0	%100
14	M7	Z	.726	.726	0	%100
15	M8	X	-5.032	-5.032	0	%100
16	M8	Z	2.905	2.905	0	%100
17	M9	X	-1.258	-1.258	0	%100
18	M9	Z	.726	.726	0	%100
19	M13	X	-.977	-.977	0	%100
20	M13	Z	.564	.564	0	%100
21	M14A	X	-.244	-.244	0	%100
22	M14A	Z	.141	.141	0	%100
23	M18	X	-.244	-.244	0	%100
24	M18	Z	.141	.141	0	%100
25	M22	X	-1.494	-1.494	0	%100
26	M22	Z	.863	.863	0	%100
27	M23	X	0	0	0	%100
28	M23	Z	0	0	0	%100
29	M24	X	-1.494	-1.494	0	%100
30	M24	Z	.863	.863	0	%100
31	M25	X	-1.034	-1.034	0	%100
32	M25	Z	.597	.597	0	%100
33	M26	X	-1.034	-1.034	0	%100
34	M26	Z	.597	.597	0	%100
35	M27	X	-4.134	-4.134	0	%100
36	M27	Z	2.387	2.387	0	%100
37	M34	X	-.977	-.977	0	%100
38	M34	Z	.564	.564	0	%100
39	M35	X	0	0	0	%100
40	M35	Z	0	0	0	%100
41	M42	X	-.244	-.244	0	%100
42	M42	Z	.141	.141	0	%100
43	M43	X	-1.494	-1.494	0	%100
44	M43	Z	.863	.863	0	%100
45	M50	X	-.244	-.244	0	%100
46	M50	Z	.141	.141	0	%100
47	M51	X	-1.494	-1.494	0	%100
48	M51	Z	.863	.863	0	%100
49	M52	X	-2.779	-2.779	0	%100
50	M52	Z	1.605	1.605	0	%100
51	M53	X	-2.779	-2.779	0	%100
52	M53	Z	1.605	1.605	0	%100
53	M54	X	-.681	-.681	0	%100
54	M54	Z	.393	.393	0	%100
55	M55	X	-2.779	-2.779	0	%100
56	M55	Z	1.605	1.605	0	%100
57	M56	X	-2.779	-2.779	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
58	M56	Z	1.605	1.605	0	%100
59	M57	X	-1.878	-1.878	0	%100
60	M57	Z	1.084	1.084	0	%100
61	M58	X	-1.878	-1.878	0	%100
62	M58	Z	1.084	1.084	0	%100
63	M59	X	-2.779	-2.779	0	%100
64	M59	Z	1.605	1.605	0	%100
65	M60	X	-2.779	-2.779	0	%100
66	M60	Z	1.605	1.605	0	%100
67	M61	X	-2.726	-2.726	0	%100
68	M61	Z	1.574	1.574	0	%100
69	M62	X	-2.779	-2.779	0	%100
70	M62	Z	1.605	1.605	0	%100
71	M63	X	-2.779	-2.779	0	%100
72	M63	Z	1.605	1.605	0	%100
73	M64	X	-3.176	-3.176	0	%100
74	M64	Z	1.834	1.834	0	%100
75	M65	X	-3.176	-3.176	0	%100
76	M65	Z	1.834	1.834	0	%100
77	M66	X	-2.779	-2.779	0	%100
78	M66	Z	1.605	1.605	0	%100
79	M67	X	-2.779	-2.779	0	%100
80	M67	Z	1.605	1.605	0	%100
81	M68	X	-.681	-.681	0	%100
82	M68	Z	.393	.393	0	%100
83	M69	X	-2.779	-2.779	0	%100
84	M69	Z	1.605	1.605	0	%100
85	M70	X	-2.779	-2.779	0	%100
86	M70	Z	1.605	1.605	0	%100
87	M71	X	-1.878	-1.878	0	%100
88	M71	Z	1.084	1.084	0	%100
89	M72	X	-1.878	-1.878	0	%100
90	M72	Z	1.084	1.084	0	%100
91	M73	X	-.442	-.442	0	%100
92	M73	Z	.255	.255	0	%100
93	M74	X	-.442	-.442	0	%100
94	M74	Z	.255	.255	0	%100
95	M79	X	-1.768	-1.768	0	%100
96	M79	Z	1.021	1.021	0	%100
97	M80	X	-1.768	-1.768	0	%100
98	M80	Z	1.021	1.021	0	%100
99	M85	X	-.442	-.442	0	%100
100	M85	Z	.255	.255	0	%100
101	M86	X	-.442	-.442	0	%100
102	M86	Z	.255	.255	0	%100
103	MP3A	X	-2.625	-2.625	0	%100
104	MP3A	Z	1.515	1.515	0	%100
105	MP4A	X	-2.625	-2.625	0	%100
106	MP4A	Z	1.515	1.515	0	%100
107	MP1A	X	-2.625	-2.625	0	%100
108	MP1A	Z	1.515	1.515	0	%100
109	MP4C	X	-2.625	-2.625	0	%100
110	MP4C	Z	1.515	1.515	0	%100
111	MP1C	X	-2.625	-2.625	0	%100
112	MP1C	Z	1.515	1.515	0	%100
113	MP4B	X	-2.625	-2.625	0	%100
114	MP4B	Z	1.515	1.515	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
115	MP1B	X	-2.625	-2.625	0	%100
116	MP1B	Z	1.515	1.515	0	%100
117	M127	X	-1.098	-1.098	0	%100
118	M127	Z	.634	.634	0	%100
119	M128	X	-3.015	-3.015	0	%100
120	M128	Z	1.74	1.74	0	%100
121	M129	X	-3.176	-3.176	0	%100
122	M129	Z	1.834	1.834	0	%100
123	M130	X	-3.176	-3.176	0	%100
124	M130	Z	1.834	1.834	0	%100
125	M131	X	-.936	-.936	0	%100
126	M131	Z	.541	.541	0	%100
127	M132	X	-.936	-.936	0	%100
128	M132	Z	.541	.541	0	%100
129	M133	X	-.936	-.936	0	%100
130	M133	Z	.541	.541	0	%100
131	M134	X	-.936	-.936	0	%100
132	M134	Z	.541	.541	0	%100
133	M135	X	-.936	-.936	0	%100
134	M135	Z	.541	.541	0	%100
135	MP2A	X	-2.625	-2.625	0	%100
136	MP2A	Z	1.515	1.515	0	%100
137	MP3C	X	-2.625	-2.625	0	%100
138	MP3C	Z	1.515	1.515	0	%100
139	MP3B	X	-2.625	-2.625	0	%100
140	MP3B	Z	1.515	1.515	0	%100
141	MP5C	X	-1.921	-1.921	0	%100
142	MP5C	Z	1.109	1.109	0	%100
143	MP2C	X	-2.625	-2.625	0	%100
144	MP2C	Z	1.515	1.515	0	%100
145	MP2B	X	-2.625	-2.625	0	%100
146	MP2B	Z	1.515	1.515	0	%100
147	M127A	X	-1.921	-1.921	0	%100
148	M127A	Z	1.109	1.109	0	%100
149	M130B	X	-1.921	-1.921	0	%100
150	M130B	Z	1.109	1.109	0	%100
151	M133A	X	-1.921	-1.921	0	%100
152	M133A	Z	1.109	1.109	0	%100
153	M136A	X	-1.921	-1.921	0	%100
154	M136A	Z	1.109	1.109	0	%100
155	M139	X	-1.921	-1.921	0	%100
156	M139	Z	1.109	1.109	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	-4.396	-4.396	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	-4.396	-4.396	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	-4.396	-4.396	0	%100
10	M5	Z	0	0	0	%100
11	M6	X	-4.396	-4.396	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
12	M6	Z	0	0	0	%100
13	M7	X	0	0	0	%100
14	M7	Z	0	0	0	%100
15	M8	X	-4.358	-4.358	0	%100
16	M8	Z	0	0	0	%100
17	M9	X	-4.358	-4.358	0	%100
18	M9	Z	0	0	0	%100
19	M13	X	-.846	-.846	0	%100
20	M13	Z	0	0	0	%100
21	M14A	X	-.846	-.846	0	%100
22	M14A	Z	0	0	0	%100
23	M18	X	0	0	0	%100
24	M18	Z	0	0	0	%100
25	M22	X	-2.301	-2.301	0	%100
26	M22	Z	0	0	0	%100
27	M23	X	-.575	-.575	0	%100
28	M23	Z	0	0	0	%100
29	M24	X	-.575	-.575	0	%100
30	M24	Z	0	0	0	%100
31	M25	X	-3.58	-3.58	0	%100
32	M25	Z	0	0	0	%100
33	M26	X	0	0	0	%100
34	M26	Z	0	0	0	%100
35	M27	X	-3.58	-3.58	0	%100
36	M27	Z	0	0	0	%100
37	M34	X	-.846	-.846	0	%100
38	M34	Z	0	0	0	%100
39	M35	X	-.575	-.575	0	%100
40	M35	Z	0	0	0	%100
41	M42	X	-.846	-.846	0	%100
42	M42	Z	0	0	0	%100
43	M43	X	-.575	-.575	0	%100
44	M43	Z	0	0	0	%100
45	M50	X	0	0	0	%100
46	M50	Z	0	0	0	%100
47	M51	X	-2.301	-2.301	0	%100
48	M51	Z	0	0	0	%100
49	M52	X	-3.209	-3.209	0	%100
50	M52	Z	0	0	0	%100
51	M53	X	-3.209	-3.209	0	%100
52	M53	Z	0	0	0	%100
53	M54	X	0	0	0	%100
54	M54	Z	0	0	0	%100
55	M55	X	-3.209	-3.209	0	%100
56	M55	Z	0	0	0	%100
57	M56	X	-3.209	-3.209	0	%100
58	M56	Z	0	0	0	%100
59	M57	X	-1.668	-1.668	0	%100
60	M57	Z	0	0	0	%100
61	M58	X	-1.668	-1.668	0	%100
62	M58	Z	0	0	0	%100
63	M59	X	-3.209	-3.209	0	%100
64	M59	Z	0	0	0	%100
65	M60	X	-3.209	-3.209	0	%100
66	M60	Z	0	0	0	%100
67	M61	X	-2.361	-2.361	0	%100
68	M61	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
69	M62	X	-3.209	-3.209	0	%100
70	M62	Z	0	0	0	%100
71	M63	X	-3.209	-3.209	0	%100
72	M63	Z	0	0	0	%100
73	M64	X	-3.167	-3.167	0	%100
74	M64	Z	0	0	0	%100
75	M65	X	-3.167	-3.167	0	%100
76	M65	Z	0	0	0	%100
77	M66	X	-3.209	-3.209	0	%100
78	M66	Z	0	0	0	%100
79	M67	X	-3.209	-3.209	0	%100
80	M67	Z	0	0	0	%100
81	M68	X	-2.361	-2.361	0	%100
82	M68	Z	0	0	0	%100
83	M69	X	-3.209	-3.209	0	%100
84	M69	Z	0	0	0	%100
85	M70	X	-3.209	-3.209	0	%100
86	M70	Z	0	0	0	%100
87	M71	X	-3.167	-3.167	0	%100
88	M71	Z	0	0	0	%100
89	M72	X	-3.167	-3.167	0	%100
90	M72	Z	0	0	0	%100
91	M73	X	0	0	0	%100
92	M73	Z	0	0	0	%100
93	M74	X	0	0	0	%100
94	M74	Z	0	0	0	%100
95	M79	X	-1.531	-1.531	0	%100
96	M79	Z	0	0	0	%100
97	M80	X	-1.531	-1.531	0	%100
98	M80	Z	0	0	0	%100
99	M85	X	-1.531	-1.531	0	%100
100	M85	Z	0	0	0	%100
101	M86	X	-1.531	-1.531	0	%100
102	M86	Z	0	0	0	%100
103	MP3A	X	-3.031	-3.031	0	%100
104	MP3A	Z	0	0	0	%100
105	MP4A	X	-3.031	-3.031	0	%100
106	MP4A	Z	0	0	0	%100
107	MP1A	X	-3.031	-3.031	0	%100
108	MP1A	Z	0	0	0	%100
109	MP4C	X	-3.031	-3.031	0	%100
110	MP4C	Z	0	0	0	%100
111	MP1C	X	-3.031	-3.031	0	%100
112	MP1C	Z	0	0	0	%100
113	MP4B	X	-3.031	-3.031	0	%100
114	MP4B	Z	0	0	0	%100
115	MP1B	X	-3.031	-3.031	0	%100
116	MP1B	Z	0	0	0	%100
117	M127	X	0	0	0	%100
118	M127	Z	0	0	0	%100
119	M128	X	-4.641	-4.641	0	%100
120	M128	Z	0	0	0	%100
121	M129	X	-3.667	-3.667	0	%100
122	M129	Z	0	0	0	%100
123	M130	X	-3.667	-3.667	0	%100
124	M130	Z	0	0	0	%100
125	M131	X	-1.442	-1.442	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
126	M131	Z	0	0	0	%100
127	M132	X	-1.442	-1.442	0	%100
128	M132	Z	0	0	0	%100
129	M133	X	-1.442	-1.442	0	%100
130	M133	Z	0	0	0	%100
131	M134	X	-1.442	-1.442	0	%100
132	M134	Z	0	0	0	%100
133	M135	X	-1.442	-1.442	0	%100
134	M135	Z	0	0	0	%100
135	MP2A	X	-3.031	-3.031	0	%100
136	MP2A	Z	0	0	0	%100
137	MP3C	X	-3.031	-3.031	0	%100
138	MP3C	Z	0	0	0	%100
139	MP3B	X	-3.031	-3.031	0	%100
140	MP3B	Z	0	0	0	%100
141	MP5C	X	-2.218	-2.218	0	%100
142	MP5C	Z	0	0	0	%100
143	MP2C	X	-3.031	-3.031	0	%100
144	MP2C	Z	0	0	0	%100
145	MP2B	X	-3.031	-3.031	0	%100
146	MP2B	Z	0	0	0	%100
147	M127A	X	-2.218	-2.218	0	%100
148	M127A	Z	0	0	0	%100
149	M130B	X	-2.218	-2.218	0	%100
150	M130B	Z	0	0	0	%100
151	M133A	X	-2.218	-2.218	0	%100
152	M133A	Z	0	0	0	%100
153	M136A	X	-2.218	-2.218	0	%100
154	M136A	Z	0	0	0	%100
155	M139	X	-2.218	-2.218	0	%100
156	M139	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
1	M1	X	-1.269	-1.269	0	%100
2	M1	Z	-.733	-.733	0	%100
3	M2	X	-1.269	-1.269	0	%100
4	M2	Z	-.733	-.733	0	%100
5	M3	X	-1.269	-1.269	0	%100
6	M3	Z	-.733	-.733	0	%100
7	M4	X	-1.269	-1.269	0	%100
8	M4	Z	-.733	-.733	0	%100
9	M5	X	-5.076	-5.076	0	%100
10	M5	Z	-2.931	-2.931	0	%100
11	M6	X	-5.076	-5.076	0	%100
12	M6	Z	-2.931	-2.931	0	%100
13	M7	X	-1.258	-1.258	0	%100
14	M7	Z	-.726	-.726	0	%100
15	M8	X	-1.258	-1.258	0	%100
16	M8	Z	-.726	-.726	0	%100
17	M9	X	-5.032	-5.032	0	%100
18	M9	Z	-2.905	-2.905	0	%100
19	M13	X	-.244	-.244	0	%100
20	M13	Z	-.141	-.141	0	%100
21	M14A	X	-.977	-.977	0	%100
22	M14A	Z	-.564	-.564	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
23	M18	X	-.244	-.244	0	%100
24	M18	Z	-.141	-.141	0	%100
25	M22	X	-1.494	-1.494	0	%100
26	M22	Z	-.863	-.863	0	%100
27	M23	X	-1.494	-1.494	0	%100
28	M23	Z	-.863	-.863	0	%100
29	M24	X	0	0	0	%100
30	M24	Z	0	0	0	%100
31	M25	X	-4.134	-4.134	0	%100
32	M25	Z	-2.387	-2.387	0	%100
33	M26	X	-1.034	-1.034	0	%100
34	M26	Z	-.597	-.597	0	%100
35	M27	X	-1.034	-1.034	0	%100
36	M27	Z	-.597	-.597	0	%100
37	M34	X	-.244	-.244	0	%100
38	M34	Z	-.141	-.141	0	%100
39	M35	X	-1.494	-1.494	0	%100
40	M35	Z	-.863	-.863	0	%100
41	M42	X	-.977	-.977	0	%100
42	M42	Z	-.564	-.564	0	%100
43	M43	X	0	0	0	%100
44	M43	Z	0	0	0	%100
45	M50	X	-.244	-.244	0	%100
46	M50	Z	-.141	-.141	0	%100
47	M51	X	-1.494	-1.494	0	%100
48	M51	Z	-.863	-.863	0	%100
49	M52	X	-2.779	-2.779	0	%100
50	M52	Z	-1.605	-1.605	0	%100
51	M53	X	-2.779	-2.779	0	%100
52	M53	Z	-1.605	-1.605	0	%100
53	M54	X	-.681	-.681	0	%100
54	M54	Z	-.393	-.393	0	%100
55	M55	X	-2.779	-2.779	0	%100
56	M55	Z	-1.605	-1.605	0	%100
57	M56	X	-2.779	-2.779	0	%100
58	M56	Z	-1.605	-1.605	0	%100
59	M57	X	-1.878	-1.878	0	%100
60	M57	Z	-1.084	-1.084	0	%100
61	M58	X	-1.878	-1.878	0	%100
62	M58	Z	-1.084	-1.084	0	%100
63	M59	X	-2.779	-2.779	0	%100
64	M59	Z	-1.605	-1.605	0	%100
65	M60	X	-2.779	-2.779	0	%100
66	M60	Z	-1.605	-1.605	0	%100
67	M61	X	-.681	-.681	0	%100
68	M61	Z	-.393	-.393	0	%100
69	M62	X	-2.779	-2.779	0	%100
70	M62	Z	-1.605	-1.605	0	%100
71	M63	X	-2.779	-2.779	0	%100
72	M63	Z	-1.605	-1.605	0	%100
73	M64	X	-1.878	-1.878	0	%100
74	M64	Z	-1.084	-1.084	0	%100
75	M65	X	-1.878	-1.878	0	%100
76	M65	Z	-1.084	-1.084	0	%100
77	M66	X	-2.779	-2.779	0	%100
78	M66	Z	-1.605	-1.605	0	%100
79	M67	X	-2.779	-2.779	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
80	M67	Z	-1.605	-1.605	0	%100
81	M68	X	-2.726	-2.726	0	%100
82	M68	Z	-1.574	-1.574	0	%100
83	M69	X	-2.779	-2.779	0	%100
84	M69	Z	-1.605	-1.605	0	%100
85	M70	X	-2.779	-2.779	0	%100
86	M70	Z	-1.605	-1.605	0	%100
87	M71	X	-3.176	-3.176	0	%100
88	M71	Z	-1.834	-1.834	0	%100
89	M72	X	-3.176	-3.176	0	%100
90	M72	Z	-1.834	-1.834	0	%100
91	M73	X	-.442	-.442	0	%100
92	M73	Z	-.255	-.255	0	%100
93	M74	X	-.442	-.442	0	%100
94	M74	Z	-.255	-.255	0	%100
95	M79	X	-.442	-.442	0	%100
96	M79	Z	-.255	-.255	0	%100
97	M80	X	-.442	-.442	0	%100
98	M80	Z	-.255	-.255	0	%100
99	M85	X	-1.768	-1.768	0	%100
100	M85	Z	-1.021	-1.021	0	%100
101	M86	X	-1.768	-1.768	0	%100
102	M86	Z	-1.021	-1.021	0	%100
103	MP3A	X	-2.625	-2.625	0	%100
104	MP3A	Z	-1.515	-1.515	0	%100
105	MP4A	X	-2.625	-2.625	0	%100
106	MP4A	Z	-1.515	-1.515	0	%100
107	MP1A	X	-2.625	-2.625	0	%100
108	MP1A	Z	-1.515	-1.515	0	%100
109	MP4C	X	-2.625	-2.625	0	%100
110	MP4C	Z	-1.515	-1.515	0	%100
111	MP1C	X	-2.625	-2.625	0	%100
112	MP1C	Z	-1.515	-1.515	0	%100
113	MP4B	X	-2.625	-2.625	0	%100
114	MP4B	Z	-1.515	-1.515	0	%100
115	MP1B	X	-2.625	-2.625	0	%100
116	MP1B	Z	-1.515	-1.515	0	%100
117	M127	X	-1.098	-1.098	0	%100
118	M127	Z	-.634	-.634	0	%100
119	M128	X	-3.015	-3.015	0	%100
120	M128	Z	-1.74	-1.74	0	%100
121	M129	X	-3.176	-3.176	0	%100
122	M129	Z	-1.834	-1.834	0	%100
123	M130	X	-3.176	-3.176	0	%100
124	M130	Z	-1.834	-1.834	0	%100
125	M131	X	-.936	-.936	0	%100
126	M131	Z	-.541	-.541	0	%100
127	M132	X	-.936	-.936	0	%100
128	M132	Z	-.541	-.541	0	%100
129	M133	X	-.936	-.936	0	%100
130	M133	Z	-.541	-.541	0	%100
131	M134	X	-.936	-.936	0	%100
132	M134	Z	-.541	-.541	0	%100
133	M135	X	-.936	-.936	0	%100
134	M135	Z	-.541	-.541	0	%100
135	MP2A	X	-2.625	-2.625	0	%100
136	MP2A	Z	-1.515	-1.515	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
137	MP3C	X	-2.625	-2.625	0	%100
138	MP3C	Z	-1.515	-1.515	0	%100
139	MP3B	X	-2.625	-2.625	0	%100
140	MP3B	Z	-1.515	-1.515	0	%100
141	MP5C	X	-1.921	-1.921	0	%100
142	MP5C	Z	-1.109	-1.109	0	%100
143	MP2C	X	-2.625	-2.625	0	%100
144	MP2C	Z	-1.515	-1.515	0	%100
145	MP2B	X	-2.625	-2.625	0	%100
146	MP2B	Z	-1.515	-1.515	0	%100
147	M127A	X	-1.921	-1.921	0	%100
148	M127A	Z	-1.109	-1.109	0	%100
149	M130B	X	-1.921	-1.921	0	%100
150	M130B	Z	-1.109	-1.109	0	%100
151	M133A	X	-1.921	-1.921	0	%100
152	M133A	Z	-1.109	-1.109	0	%100
153	M136A	X	-1.921	-1.921	0	%100
154	M136A	Z	-1.109	-1.109	0	%100
155	M139	X	-1.921	-1.921	0	%100
156	M139	Z	-1.109	-1.109	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
1	M1	X	-2.198	-2.198	0	%100
2	M1	Z	-3.807	-3.807	0	%100
3	M2	X	-2.198	-2.198	0	%100
4	M2	Z	-3.807	-3.807	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	-2.198	-2.198	0	%100
10	M5	Z	-3.807	-3.807	0	%100
11	M6	X	-2.198	-2.198	0	%100
12	M6	Z	-3.807	-3.807	0	%100
13	M7	X	-2.179	-2.179	0	%100
14	M7	Z	-3.774	-3.774	0	%100
15	M8	X	0	0	0	%100
16	M8	Z	0	0	0	%100
17	M9	X	-2.179	-2.179	0	%100
18	M9	Z	-3.774	-3.774	0	%100
19	M13	X	0	0	0	%100
20	M13	Z	0	0	0	%100
21	M14A	X	-.423	-.423	0	%100
22	M14A	Z	-.733	-.733	0	%100
23	M18	X	-.423	-.423	0	%100
24	M18	Z	-.733	-.733	0	%100
25	M22	X	-.288	-.288	0	%100
26	M22	Z	-.498	-.498	0	%100
27	M23	X	-1.15	-1.15	0	%100
28	M23	Z	-1.992	-1.992	0	%100
29	M24	X	-.288	-.288	0	%100
30	M24	Z	-.498	-.498	0	%100
31	M25	X	-1.79	-1.79	0	%100
32	M25	Z	-3.101	-3.101	0	%100
33	M26	X	-1.79	-1.79	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
34	M26	Z	-3.101	-3.101	0	%100
35	M27	X	0	0	0	%100
36	M27	Z	0	0	0	%100
37	M34	X	0	0	0	%100
38	M34	Z	0	0	0	%100
39	M35	X	-1.15	-1.15	0	%100
40	M35	Z	-1.992	-1.992	0	%100
41	M42	X	-.423	-.423	0	%100
42	M42	Z	-.733	-.733	0	%100
43	M43	X	-.288	-.288	0	%100
44	M43	Z	-.498	-.498	0	%100
45	M50	X	-.423	-.423	0	%100
46	M50	Z	-.733	-.733	0	%100
47	M51	X	-.288	-.288	0	%100
48	M51	Z	-.498	-.498	0	%100
49	M52	X	-1.605	-1.605	0	%100
50	M52	Z	-2.779	-2.779	0	%100
51	M53	X	-1.605	-1.605	0	%100
52	M53	Z	-2.779	-2.779	0	%100
53	M54	X	-1.18	-1.18	0	%100
54	M54	Z	-2.044	-2.044	0	%100
55	M55	X	-1.605	-1.605	0	%100
56	M55	Z	-2.779	-2.779	0	%100
57	M56	X	-1.605	-1.605	0	%100
58	M56	Z	-2.779	-2.779	0	%100
59	M57	X	-1.584	-1.584	0	%100
60	M57	Z	-2.743	-2.743	0	%100
61	M58	X	-1.584	-1.584	0	%100
62	M58	Z	-2.743	-2.743	0	%100
63	M59	X	-1.605	-1.605	0	%100
64	M59	Z	-2.779	-2.779	0	%100
65	M60	X	-1.605	-1.605	0	%100
66	M60	Z	-2.779	-2.779	0	%100
67	M61	X	0	0	0	%100
68	M61	Z	0	0	0	%100
69	M62	X	-1.605	-1.605	0	%100
70	M62	Z	-2.779	-2.779	0	%100
71	M63	X	-1.605	-1.605	0	%100
72	M63	Z	-2.779	-2.779	0	%100
73	M64	X	-.834	-.834	0	%100
74	M64	Z	-1.445	-1.445	0	%100
75	M65	X	-.834	-.834	0	%100
76	M65	Z	-1.445	-1.445	0	%100
77	M66	X	-1.605	-1.605	0	%100
78	M66	Z	-2.779	-2.779	0	%100
79	M67	X	-1.605	-1.605	0	%100
80	M67	Z	-2.779	-2.779	0	%100
81	M68	X	-1.18	-1.18	0	%100
82	M68	Z	-2.044	-2.044	0	%100
83	M69	X	-1.605	-1.605	0	%100
84	M69	Z	-2.779	-2.779	0	%100
85	M70	X	-1.605	-1.605	0	%100
86	M70	Z	-2.779	-2.779	0	%100
87	M71	X	-1.584	-1.584	0	%100
88	M71	Z	-2.743	-2.743	0	%100
89	M72	X	-1.584	-1.584	0	%100
90	M72	Z	-2.743	-2.743	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
91	M73	X	-.765	-.765	0	%100
92	M73	Z	-1.326	-1.326	0	%100
93	M74	X	-.765	-.765	0	%100
94	M74	Z	-1.326	-1.326	0	%100
95	M79	X	0	0	0	%100
96	M79	Z	0	0	0	%100
97	M80	X	0	0	0	%100
98	M80	Z	0	0	0	%100
99	M85	X	-.765	-.765	0	%100
100	M85	Z	-1.326	-1.326	0	%100
101	M86	X	-.765	-.765	0	%100
102	M86	Z	-1.326	-1.326	0	%100
103	MP3A	X	-1.515	-1.515	0	%100
104	MP3A	Z	-2.625	-2.625	0	%100
105	MP4A	X	-1.515	-1.515	0	%100
106	MP4A	Z	-2.625	-2.625	0	%100
107	MP1A	X	-1.515	-1.515	0	%100
108	MP1A	Z	-2.625	-2.625	0	%100
109	MP4C	X	-1.515	-1.515	0	%100
110	MP4C	Z	-2.625	-2.625	0	%100
111	MP1C	X	-1.515	-1.515	0	%100
112	MP1C	Z	-2.625	-2.625	0	%100
113	MP4B	X	-1.515	-1.515	0	%100
114	MP4B	Z	-2.625	-2.625	0	%100
115	MP1B	X	-1.515	-1.515	0	%100
116	MP1B	Z	-2.625	-2.625	0	%100
117	M127	X	-1.901	-1.901	0	%100
118	M127	Z	-3.293	-3.293	0	%100
119	M128	X	-.58	-.58	0	%100
120	M128	Z	-1.005	-1.005	0	%100
121	M129	X	-1.834	-1.834	0	%100
122	M129	Z	-3.176	-3.176	0	%100
123	M130	X	-1.834	-1.834	0	%100
124	M130	Z	-3.176	-3.176	0	%100
125	M131	X	-.18	-.18	0	%100
126	M131	Z	-.312	-.312	0	%100
127	M132	X	-.18	-.18	0	%100
128	M132	Z	-.312	-.312	0	%100
129	M133	X	-.18	-.18	0	%100
130	M133	Z	-.312	-.312	0	%100
131	M134	X	-.18	-.18	0	%100
132	M134	Z	-.312	-.312	0	%100
133	M135	X	-.18	-.18	0	%100
134	M135	Z	-.312	-.312	0	%100
135	MP2A	X	-1.515	-1.515	0	%100
136	MP2A	Z	-2.625	-2.625	0	%100
137	MP3C	X	-1.515	-1.515	0	%100
138	MP3C	Z	-2.625	-2.625	0	%100
139	MP3B	X	-1.515	-1.515	0	%100
140	MP3B	Z	-2.625	-2.625	0	%100
141	MP5C	X	-1.109	-1.109	0	%100
142	MP5C	Z	-1.921	-1.921	0	%100
143	MP2C	X	-1.515	-1.515	0	%100
144	MP2C	Z	-2.625	-2.625	0	%100
145	MP2B	X	-1.515	-1.515	0	%100
146	MP2B	Z	-2.625	-2.625	0	%100
147	M127A	X	-1.109	-1.109	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
148	M127A	Z	-1.921	-1.921	0	%100
149	M130B	X	-1.109	-1.109	0	%100
150	M130B	Z	-1.921	-1.921	0	%100
151	M133A	X	-1.109	-1.109	0	%100
152	M133A	Z	-1.921	-1.921	0	%100
153	M136A	X	-1.109	-1.109	0	%100
154	M136A	Z	-1.921	-1.921	0	%100
155	M139	X	-1.109	-1.109	0	%100
156	M139	Z	-1.921	-1.921	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
1	M1	X	0	0	0	%100
2	M1	Z	-1.587	-1.587	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	-1.587	-1.587	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	-.397	-.397	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	-.397	-.397	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	-.397	-.397	0	%100
11	M6	X	0	0	0	%100
12	M6	Z	-.397	-.397	0	%100
13	M7	X	0	0	0	%100
14	M7	Z	-1.568	-1.568	0	%100
15	M8	X	0	0	0	%100
16	M8	Z	-.392	-.392	0	%100
17	M9	X	0	0	0	%100
18	M9	Z	-.392	-.392	0	%100
19	M13	X	0	0	0	%100
20	M13	Z	-.022	-.022	0	%100
21	M14A	X	0	0	0	%100
22	M14A	Z	-.022	-.022	0	%100
23	M18	X	0	0	0	%100
24	M18	Z	-.09	-.09	0	%100
25	M22	X	0	0	0	%100
26	M22	Z	0	0	0	%100
27	M23	X	0	0	0	%100
28	M23	Z	-.351	-.351	0	%100
29	M24	X	0	0	0	%100
30	M24	Z	-.351	-.351	0	%100
31	M25	X	0	0	0	%100
32	M25	Z	-.299	-.299	0	%100
33	M26	X	0	0	0	%100
34	M26	Z	-1.195	-1.195	0	%100
35	M27	X	0	0	0	%100
36	M27	Z	-.299	-.299	0	%100
37	M34	X	0	0	0	%100
38	M34	Z	-.022	-.022	0	%100
39	M35	X	0	0	0	%100
40	M35	Z	-.351	-.351	0	%100
41	M42	X	0	0	0	%100
42	M42	Z	-.022	-.022	0	%100
43	M43	X	0	0	0	%100
44	M43	Z	-.351	-.351	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
45	M50	X	0	0	0	%100
46	M50	Z	-.09	-.09	0	%100
47	M51	X	0	0	0	%100
48	M51	Z	0	0	0	%100
49	M52	X	0	0	0	%100
50	M52	Z	-.71	-.71	0	%100
51	M53	X	0	0	0	%100
52	M53	Z	-.71	-.71	0	%100
53	M54	X	0	0	0	%100
54	M54	Z	-.697	-.697	0	%100
55	M55	X	0	0	0	%100
56	M55	Z	-.71	-.71	0	%100
57	M56	X	0	0	0	%100
58	M56	Z	-.71	-.71	0	%100
59	M57	X	0	0	0	%100
60	M57	Z	-.797	-.797	0	%100
61	M58	X	0	0	0	%100
62	M58	Z	-.797	-.797	0	%100
63	M59	X	0	0	0	%100
64	M59	Z	-.71	-.71	0	%100
65	M60	X	0	0	0	%100
66	M60	Z	-.71	-.71	0	%100
67	M61	X	0	0	0	%100
68	M61	Z	-.174	-.174	0	%100
69	M62	X	0	0	0	%100
70	M62	Z	-.71	-.71	0	%100
71	M63	X	0	0	0	%100
72	M63	Z	-.71	-.71	0	%100
73	M64	X	0	0	0	%100
74	M64	Z	-.471	-.471	0	%100
75	M65	X	0	0	0	%100
76	M65	Z	-.471	-.471	0	%100
77	M66	X	0	0	0	%100
78	M66	Z	-.71	-.71	0	%100
79	M67	X	0	0	0	%100
80	M67	Z	-.71	-.71	0	%100
81	M68	X	0	0	0	%100
82	M68	Z	-.174	-.174	0	%100
83	M69	X	0	0	0	%100
84	M69	Z	-.71	-.71	0	%100
85	M70	X	0	0	0	%100
86	M70	Z	-.71	-.71	0	%100
87	M71	X	0	0	0	%100
88	M71	Z	-.471	-.471	0	%100
89	M72	X	0	0	0	%100
90	M72	Z	-.471	-.471	0	%100
91	M73	X	0	0	0	%100
92	M73	Z	-.374	-.374	0	%100
93	M74	X	0	0	0	%100
94	M74	Z	-.374	-.374	0	%100
95	M79	X	0	0	0	%100
96	M79	Z	-.093	-.093	0	%100
97	M80	X	0	0	0	%100
98	M80	Z	-.093	-.093	0	%100
99	M85	X	0	0	0	%100
100	M85	Z	-.093	-.093	0	%100
101	M86	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
102	M86	Z	-.093	-.093	0	%100
103	MP3A	X	0	0	0	%100
104	MP3A	Z	-.568	-.568	0	%100
105	MP4A	X	0	0	0	%100
106	MP4A	Z	-.568	-.568	0	%100
107	MP1A	X	0	0	0	%100
108	MP1A	Z	-.568	-.568	0	%100
109	MP4C	X	0	0	0	%100
110	MP4C	Z	-.568	-.568	0	%100
111	MP1C	X	0	0	0	%100
112	MP1C	Z	-.568	-.568	0	%100
113	MP4B	X	0	0	0	%100
114	MP4B	Z	-.568	-.568	0	%100
115	MP1B	X	0	0	0	%100
116	MP1B	Z	-.568	-.568	0	%100
117	M127	X	0	0	0	%100
118	M127	Z	-1.391	-1.391	0	%100
119	M128	X	0	0	0	%100
120	M128	Z	0	0	0	%100
121	M129	X	0	0	0	%100
122	M129	Z	-.797	-.797	0	%100
123	M130	X	0	0	0	%100
124	M130	Z	-.797	-.797	0	%100
125	M131	X	0	0	0	%100
126	M131	Z	0	0	0	%100
127	M132	X	0	0	0	%100
128	M132	Z	0	0	0	%100
129	M133	X	0	0	0	%100
130	M133	Z	0	0	0	%100
131	M134	X	0	0	0	%100
132	M134	Z	0	0	0	%100
133	M135	X	0	0	0	%100
134	M135	Z	0	0	0	%100
135	MP2A	X	0	0	0	%100
136	MP2A	Z	-.568	-.568	0	%100
137	MP3C	X	0	0	0	%100
138	MP3C	Z	-.568	-.568	0	%100
139	MP3B	X	0	0	0	%100
140	MP3B	Z	-.568	-.568	0	%100
141	MP5C	X	0	0	0	%100
142	MP5C	Z	-.411	-.411	0	%100
143	MP2C	X	0	0	0	%100
144	MP2C	Z	-.568	-.568	0	%100
145	MP2B	X	0	0	0	%100
146	MP2B	Z	-.568	-.568	0	%100
147	M127A	X	0	0	0	%100
148	M127A	Z	-.411	-.411	0	%100
149	M130B	X	0	0	0	%100
150	M130B	Z	-.411	-.411	0	%100
151	M133A	X	0	0	0	%100
152	M133A	Z	-.411	-.411	0	%100
153	M136A	X	0	0	0	%100
154	M136A	Z	-.411	-.411	0	%100
155	M139	X	0	0	0	%100
156	M139	Z	-.411	-.411	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
1	M1	X	.595	.595	0	%100
2	M1	Z	-1.031	-1.031	0	%100
3	M2	X	.595	.595	0	%100
4	M2	Z	-1.031	-1.031	0	%100
5	M3	X	.595	.595	0	%100
6	M3	Z	-1.031	-1.031	0	%100
7	M4	X	.595	.595	0	%100
8	M4	Z	-1.031	-1.031	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	0	0	0	%100
11	M6	X	0	0	0	%100
12	M6	Z	0	0	0	%100
13	M7	X	.588	.588	0	%100
14	M7	Z	-1.018	-1.018	0	%100
15	M8	X	.588	.588	0	%100
16	M8	Z	-1.018	-1.018	0	%100
17	M9	X	0	0	0	%100
18	M9	Z	0	0	0	%100
19	M13	X	.034	.034	0	%100
20	M13	Z	-.058	-.058	0	%100
21	M14A	X	0	0	0	%100
22	M14A	Z	0	0	0	%100
23	M18	X	.034	.034	0	%100
24	M18	Z	-.058	-.058	0	%100
25	M22	X	.058	.058	0	%100
26	M22	Z	-.101	-.101	0	%100
27	M23	X	.058	.058	0	%100
28	M23	Z	-.101	-.101	0	%100
29	M24	X	.234	.234	0	%100
30	M24	Z	-.405	-.405	0	%100
31	M25	X	0	0	0	%100
32	M25	Z	0	0	0	%100
33	M26	X	.448	.448	0	%100
34	M26	Z	-.776	-.776	0	%100
35	M27	X	.448	.448	0	%100
36	M27	Z	-.776	-.776	0	%100
37	M34	X	.034	.034	0	%100
38	M34	Z	-.058	-.058	0	%100
39	M35	X	.058	.058	0	%100
40	M35	Z	-.101	-.101	0	%100
41	M42	X	0	0	0	%100
42	M42	Z	0	0	0	%100
43	M43	X	.234	.234	0	%100
44	M43	Z	-.405	-.405	0	%100
45	M50	X	.034	.034	0	%100
46	M50	Z	-.058	-.058	0	%100
47	M51	X	.058	.058	0	%100
48	M51	Z	-.101	-.101	0	%100
49	M52	X	.355	.355	0	%100
50	M52	Z	-.615	-.615	0	%100
51	M53	X	.355	.355	0	%100
52	M53	Z	-.615	-.615	0	%100
53	M54	X	.261	.261	0	%100
54	M54	Z	-.453	-.453	0	%100
55	M55	X	.355	.355	0	%100
56	M55	Z	-.615	-.615	0	%100
57	M56	X	.355	.355	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
58	M56	Z	-.615	-.615	0	%100
59	M57	X	.344	.344	0	%100
60	M57	Z	-.596	-.596	0	%100
61	M58	X	.344	.344	0	%100
62	M58	Z	-.596	-.596	0	%100
63	M59	X	.355	.355	0	%100
64	M59	Z	-.615	-.615	0	%100
65	M60	X	.355	.355	0	%100
66	M60	Z	-.615	-.615	0	%100
67	M61	X	.261	.261	0	%100
68	M61	Z	-.453	-.453	0	%100
69	M62	X	.355	.355	0	%100
70	M62	Z	-.615	-.615	0	%100
71	M63	X	.355	.355	0	%100
72	M63	Z	-.615	-.615	0	%100
73	M64	X	.344	.344	0	%100
74	M64	Z	-.596	-.596	0	%100
75	M65	X	.344	.344	0	%100
76	M65	Z	-.596	-.596	0	%100
77	M66	X	.355	.355	0	%100
78	M66	Z	-.615	-.615	0	%100
79	M67	X	.355	.355	0	%100
80	M67	Z	-.615	-.615	0	%100
81	M68	X	0	0	0	%100
82	M68	Z	0	0	0	%100
83	M69	X	.355	.355	0	%100
84	M69	Z	-.615	-.615	0	%100
85	M70	X	.355	.355	0	%100
86	M70	Z	-.615	-.615	0	%100
87	M71	X	.181	.181	0	%100
88	M71	Z	-.314	-.314	0	%100
89	M72	X	.181	.181	0	%100
90	M72	Z	-.314	-.314	0	%100
91	M73	X	.14	.14	0	%100
92	M73	Z	-.243	-.243	0	%100
93	M74	X	.14	.14	0	%100
94	M74	Z	-.243	-.243	0	%100
95	M79	X	.14	.14	0	%100
96	M79	Z	-.243	-.243	0	%100
97	M80	X	.14	.14	0	%100
98	M80	Z	-.243	-.243	0	%100
99	M85	X	0	0	0	%100
100	M85	Z	0	0	0	%100
101	M86	X	0	0	0	%100
102	M86	Z	0	0	0	%100
103	MP3A	X	.284	.284	0	%100
104	MP3A	Z	-.492	-.492	0	%100
105	MP4A	X	.284	.284	0	%100
106	MP4A	Z	-.492	-.492	0	%100
107	MP1A	X	.284	.284	0	%100
108	MP1A	Z	-.492	-.492	0	%100
109	MP4C	X	.284	.284	0	%100
110	MP4C	Z	-.492	-.492	0	%100
111	MP1C	X	.284	.284	0	%100
112	MP1C	Z	-.492	-.492	0	%100
113	MP4B	X	.284	.284	0	%100
114	MP4B	Z	-.492	-.492	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
115	MP1B	X	.284	.284	0	%100
116	MP1B	Z	-.492	-.492	0	%100
117	M127	X	.522	.522	0	%100
118	M127	Z	-.903	-.903	0	%100
119	M128	X	.161	.161	0	%100
120	M128	Z	-.279	-.279	0	%100
121	M129	X	.398	.398	0	%100
122	M129	Z	-.69	-.69	0	%100
123	M130	X	.398	.398	0	%100
124	M130	Z	-.69	-.69	0	%100
125	M131	X	.021	.021	0	%100
126	M131	Z	-.036	-.036	0	%100
127	M132	X	.021	.021	0	%100
128	M132	Z	-.036	-.036	0	%100
129	M133	X	.021	.021	0	%100
130	M133	Z	-.036	-.036	0	%100
131	M134	X	.021	.021	0	%100
132	M134	Z	-.036	-.036	0	%100
133	M135	X	.021	.021	0	%100
134	M135	Z	-.036	-.036	0	%100
135	MP2A	X	.284	.284	0	%100
136	MP2A	Z	-.492	-.492	0	%100
137	MP3C	X	.284	.284	0	%100
138	MP3C	Z	-.492	-.492	0	%100
139	MP3B	X	.284	.284	0	%100
140	MP3B	Z	-.492	-.492	0	%100
141	MP5C	X	.206	.206	0	%100
142	MP5C	Z	-.356	-.356	0	%100
143	MP2C	X	.284	.284	0	%100
144	MP2C	Z	-.492	-.492	0	%100
145	MP2B	X	.284	.284	0	%100
146	MP2B	Z	-.492	-.492	0	%100
147	M127A	X	.206	.206	0	%100
148	M127A	Z	-.356	-.356	0	%100
149	M130B	X	.206	.206	0	%100
150	M130B	Z	-.356	-.356	0	%100
151	M133A	X	.206	.206	0	%100
152	M133A	Z	-.356	-.356	0	%100
153	M136A	X	.206	.206	0	%100
154	M136A	Z	-.356	-.356	0	%100
155	M139	X	.206	.206	0	%100
156	M139	Z	-.356	-.356	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
1	M1	X	.344	.344	0	%100
2	M1	Z	-.198	-.198	0	%100
3	M2	X	.344	.344	0	%100
4	M2	Z	-.198	-.198	0	%100
5	M3	X	1.374	1.374	0	%100
6	M3	Z	-.793	-.793	0	%100
7	M4	X	1.374	1.374	0	%100
8	M4	Z	-.793	-.793	0	%100
9	M5	X	.344	.344	0	%100
10	M5	Z	-.198	-.198	0	%100
11	M6	X	.344	.344	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
12	M6	Z	-.198	-.198	0	%100
13	M7	X	.339	.339	0	%100
14	M7	Z	-.196	-.196	0	%100
15	M8	X	1.358	1.358	0	%100
16	M8	Z	-.784	-.784	0	%100
17	M9	X	.339	.339	0	%100
18	M9	Z	-.196	-.196	0	%100
19	M13	X	.078	.078	0	%100
20	M13	Z	-.045	-.045	0	%100
21	M14A	X	.019	.019	0	%100
22	M14A	Z	-.011	-.011	0	%100
23	M18	X	.019	.019	0	%100
24	M18	Z	-.011	-.011	0	%100
25	M22	X	.304	.304	0	%100
26	M22	Z	-.175	-.175	0	%100
27	M23	X	0	0	0	%100
28	M23	Z	0	0	0	%100
29	M24	X	.304	.304	0	%100
30	M24	Z	-.175	-.175	0	%100
31	M25	X	.259	.259	0	%100
32	M25	Z	-.149	-.149	0	%100
33	M26	X	.259	.259	0	%100
34	M26	Z	-.149	-.149	0	%100
35	M27	X	1.035	1.035	0	%100
36	M27	Z	-.597	-.597	0	%100
37	M34	X	.078	.078	0	%100
38	M34	Z	-.045	-.045	0	%100
39	M35	X	0	0	0	%100
40	M35	Z	0	0	0	%100
41	M42	X	.019	.019	0	%100
42	M42	Z	-.011	-.011	0	%100
43	M43	X	.304	.304	0	%100
44	M43	Z	-.175	-.175	0	%100
45	M50	X	.019	.019	0	%100
46	M50	Z	-.011	-.011	0	%100
47	M51	X	.304	.304	0	%100
48	M51	Z	-.175	-.175	0	%100
49	M52	X	.615	.615	0	%100
50	M52	Z	-.355	-.355	0	%100
51	M53	X	.615	.615	0	%100
52	M53	Z	-.355	-.355	0	%100
53	M54	X	.151	.151	0	%100
54	M54	Z	-.087	-.087	0	%100
55	M55	X	.615	.615	0	%100
56	M55	Z	-.355	-.355	0	%100
57	M56	X	.615	.615	0	%100
58	M56	Z	-.355	-.355	0	%100
59	M57	X	.408	.408	0	%100
60	M57	Z	-.235	-.235	0	%100
61	M58	X	.408	.408	0	%100
62	M58	Z	-.235	-.235	0	%100
63	M59	X	.615	.615	0	%100
64	M59	Z	-.355	-.355	0	%100
65	M60	X	.615	.615	0	%100
66	M60	Z	-.355	-.355	0	%100
67	M61	X	.604	.604	0	%100
68	M61	Z	-.349	-.349	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
69	M62	X	.615	.615	0	%100
70	M62	Z	-.355	-.355	0	%100
71	M63	X	.615	.615	0	%100
72	M63	Z	-.355	-.355	0	%100
73	M64	X	.69	.69	0	%100
74	M64	Z	-.398	-.398	0	%100
75	M65	X	.69	.69	0	%100
76	M65	Z	-.398	-.398	0	%100
77	M66	X	.615	.615	0	%100
78	M66	Z	-.355	-.355	0	%100
79	M67	X	.615	.615	0	%100
80	M67	Z	-.355	-.355	0	%100
81	M68	X	.151	.151	0	%100
82	M68	Z	-.087	-.087	0	%100
83	M69	X	.615	.615	0	%100
84	M69	Z	-.355	-.355	0	%100
85	M70	X	.615	.615	0	%100
86	M70	Z	-.355	-.355	0	%100
87	M71	X	.408	.408	0	%100
88	M71	Z	-.235	-.235	0	%100
89	M72	X	.408	.408	0	%100
90	M72	Z	-.235	-.235	0	%100
91	M73	X	.081	.081	0	%100
92	M73	Z	-.047	-.047	0	%100
93	M74	X	.081	.081	0	%100
94	M74	Z	-.047	-.047	0	%100
95	M79	X	.324	.324	0	%100
96	M79	Z	-.187	-.187	0	%100
97	M80	X	.324	.324	0	%100
98	M80	Z	-.187	-.187	0	%100
99	M85	X	.081	.081	0	%100
100	M85	Z	-.047	-.047	0	%100
101	M86	X	.081	.081	0	%100
102	M86	Z	-.047	-.047	0	%100
103	MP3A	X	.492	.492	0	%100
104	MP3A	Z	-.284	-.284	0	%100
105	MP4A	X	.492	.492	0	%100
106	MP4A	Z	-.284	-.284	0	%100
107	MP1A	X	.492	.492	0	%100
108	MP1A	Z	-.284	-.284	0	%100
109	MP4C	X	.492	.492	0	%100
110	MP4C	Z	-.284	-.284	0	%100
111	MP1C	X	.492	.492	0	%100
112	MP1C	Z	-.284	-.284	0	%100
113	MP4B	X	.492	.492	0	%100
114	MP4B	Z	-.284	-.284	0	%100
115	MP1B	X	.492	.492	0	%100
116	MP1B	Z	-.284	-.284	0	%100
117	M127	X	.301	.301	0	%100
118	M127	Z	-.174	-.174	0	%100
119	M128	X	.837	.837	0	%100
120	M128	Z	-.483	-.483	0	%100
121	M129	X	.69	.69	0	%100
122	M129	Z	-.398	-.398	0	%100
123	M130	X	.69	.69	0	%100
124	M130	Z	-.398	-.398	0	%100
125	M131	X	.109	.109	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
126	M131	Z	-.063	-.063	0	%100
127	M132	X	.109	.109	0	%100
128	M132	Z	-.063	-.063	0	%100
129	M133	X	.109	.109	0	%100
130	M133	Z	-.063	-.063	0	%100
131	M134	X	.109	.109	0	%100
132	M134	Z	-.063	-.063	0	%100
133	M135	X	.109	.109	0	%100
134	M135	Z	-.063	-.063	0	%100
135	MP2A	X	.492	.492	0	%100
136	MP2A	Z	-.284	-.284	0	%100
137	MP3C	X	.492	.492	0	%100
138	MP3C	Z	-.284	-.284	0	%100
139	MP3B	X	.492	.492	0	%100
140	MP3B	Z	-.284	-.284	0	%100
141	MP5C	X	.356	.356	0	%100
142	MP5C	Z	-.206	-.206	0	%100
143	MP2C	X	.492	.492	0	%100
144	MP2C	Z	-.284	-.284	0	%100
145	MP2B	X	.492	.492	0	%100
146	MP2B	Z	-.284	-.284	0	%100
147	M127A	X	.356	.356	0	%100
148	M127A	Z	-.206	-.206	0	%100
149	M130B	X	.356	.356	0	%100
150	M130B	Z	-.206	-.206	0	%100
151	M133A	X	.356	.356	0	%100
152	M133A	Z	-.206	-.206	0	%100
153	M136A	X	.356	.356	0	%100
154	M136A	Z	-.206	-.206	0	%100
155	M139	X	.356	.356	0	%100
156	M139	Z	-.206	-.206	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	1.19	1.19	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	1.19	1.19	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	1.19	1.19	0	%100
10	M5	Z	0	0	0	%100
11	M6	X	1.19	1.19	0	%100
12	M6	Z	0	0	0	%100
13	M7	X	0	0	0	%100
14	M7	Z	0	0	0	%100
15	M8	X	1.176	1.176	0	%100
16	M8	Z	0	0	0	%100
17	M9	X	1.176	1.176	0	%100
18	M9	Z	0	0	0	%100
19	M13	X	.067	.067	0	%100
20	M13	Z	0	0	0	%100
21	M14A	X	.067	.067	0	%100
22	M14A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
23	M18	X	0	0	0	%100
24	M18	Z	0	0	0	%100
25	M22	X	.467	.467	0	%100
26	M22	Z	0	0	0	%100
27	M23	X	.117	.117	0	%100
28	M23	Z	0	0	0	%100
29	M24	X	.117	.117	0	%100
30	M24	Z	0	0	0	%100
31	M25	X	.896	.896	0	%100
32	M25	Z	0	0	0	%100
33	M26	X	0	0	0	%100
34	M26	Z	0	0	0	%100
35	M27	X	.896	.896	0	%100
36	M27	Z	0	0	0	%100
37	M34	X	.067	.067	0	%100
38	M34	Z	0	0	0	%100
39	M35	X	.117	.117	0	%100
40	M35	Z	0	0	0	%100
41	M42	X	.067	.067	0	%100
42	M42	Z	0	0	0	%100
43	M43	X	.117	.117	0	%100
44	M43	Z	0	0	0	%100
45	M50	X	0	0	0	%100
46	M50	Z	0	0	0	%100
47	M51	X	.467	.467	0	%100
48	M51	Z	0	0	0	%100
49	M52	X	.71	.71	0	%100
50	M52	Z	0	0	0	%100
51	M53	X	.71	.71	0	%100
52	M53	Z	0	0	0	%100
53	M54	X	0	0	0	%100
54	M54	Z	0	0	0	%100
55	M55	X	.71	.71	0	%100
56	M55	Z	0	0	0	%100
57	M56	X	.71	.71	0	%100
58	M56	Z	0	0	0	%100
59	M57	X	.362	.362	0	%100
60	M57	Z	0	0	0	%100
61	M58	X	.362	.362	0	%100
62	M58	Z	0	0	0	%100
63	M59	X	.71	.71	0	%100
64	M59	Z	0	0	0	%100
65	M60	X	.71	.71	0	%100
66	M60	Z	0	0	0	%100
67	M61	X	.523	.523	0	%100
68	M61	Z	0	0	0	%100
69	M62	X	.71	.71	0	%100
70	M62	Z	0	0	0	%100
71	M63	X	.71	.71	0	%100
72	M63	Z	0	0	0	%100
73	M64	X	.688	.688	0	%100
74	M64	Z	0	0	0	%100
75	M65	X	.688	.688	0	%100
76	M65	Z	0	0	0	%100
77	M66	X	.71	.71	0	%100
78	M66	Z	0	0	0	%100
79	M67	X	.71	.71	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
80	M67	Z	0	0	0	%100
81	M68	X	.523	.523	0	%100
82	M68	Z	0	0	0	%100
83	M69	X	.71	.71	0	%100
84	M69	Z	0	0	0	%100
85	M70	X	.71	.71	0	%100
86	M70	Z	0	0	0	%100
87	M71	X	.688	.688	0	%100
88	M71	Z	0	0	0	%100
89	M72	X	.688	.688	0	%100
90	M72	Z	0	0	0	%100
91	M73	X	0	0	0	%100
92	M73	Z	0	0	0	%100
93	M74	X	0	0	0	%100
94	M74	Z	0	0	0	%100
95	M79	X	.28	.28	0	%100
96	M79	Z	0	0	0	%100
97	M80	X	.28	.28	0	%100
98	M80	Z	0	0	0	%100
99	M85	X	.28	.28	0	%100
100	M85	Z	0	0	0	%100
101	M86	X	.28	.28	0	%100
102	M86	Z	0	0	0	%100
103	MP3A	X	.568	.568	0	%100
104	MP3A	Z	0	0	0	%100
105	MP4A	X	.568	.568	0	%100
106	MP4A	Z	0	0	0	%100
107	MP1A	X	.568	.568	0	%100
108	MP1A	Z	0	0	0	%100
109	MP4C	X	.568	.568	0	%100
110	MP4C	Z	0	0	0	%100
111	MP1C	X	.568	.568	0	%100
112	MP1C	Z	0	0	0	%100
113	MP4B	X	.568	.568	0	%100
114	MP4B	Z	0	0	0	%100
115	MP1B	X	.568	.568	0	%100
116	MP1B	Z	0	0	0	%100
117	M127	X	0	0	0	%100
118	M127	Z	0	0	0	%100
119	M128	X	1.288	1.288	0	%100
120	M128	Z	0	0	0	%100
121	M129	X	.797	.797	0	%100
122	M129	Z	0	0	0	%100
123	M130	X	.797	.797	0	%100
124	M130	Z	0	0	0	%100
125	M131	X	.167	.167	0	%100
126	M131	Z	0	0	0	%100
127	M132	X	.167	.167	0	%100
128	M132	Z	0	0	0	%100
129	M133	X	.167	.167	0	%100
130	M133	Z	0	0	0	%100
131	M134	X	.167	.167	0	%100
132	M134	Z	0	0	0	%100
133	M135	X	.167	.167	0	%100
134	M135	Z	0	0	0	%100
135	MP2A	X	.568	.568	0	%100
136	MP2A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
137	MP3C	X	.568	.568	0	%100
138	MP3C	Z	0	0	0	%100
139	MP3B	X	.568	.568	0	%100
140	MP3B	Z	0	0	0	%100
141	MP5C	X	.411	.411	0	%100
142	MP5C	Z	0	0	0	%100
143	MP2C	X	.568	.568	0	%100
144	MP2C	Z	0	0	0	%100
145	MP2B	X	.568	.568	0	%100
146	MP2B	Z	0	0	0	%100
147	M127A	X	.411	.411	0	%100
148	M127A	Z	0	0	0	%100
149	M130B	X	.411	.411	0	%100
150	M130B	Z	0	0	0	%100
151	M133A	X	.411	.411	0	%100
152	M133A	Z	0	0	0	%100
153	M136A	X	.411	.411	0	%100
154	M136A	Z	0	0	0	%100
155	M139	X	.411	.411	0	%100
156	M139	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
1	M1	X	.344	.344	0	%100
2	M1	Z	.198	.198	0	%100
3	M2	X	.344	.344	0	%100
4	M2	Z	.198	.198	0	%100
5	M3	X	.344	.344	0	%100
6	M3	Z	.198	.198	0	%100
7	M4	X	.344	.344	0	%100
8	M4	Z	.198	.198	0	%100
9	M5	X	1.374	1.374	0	%100
10	M5	Z	.793	.793	0	%100
11	M6	X	1.374	1.374	0	%100
12	M6	Z	.793	.793	0	%100
13	M7	X	.339	.339	0	%100
14	M7	Z	.196	.196	0	%100
15	M8	X	.339	.339	0	%100
16	M8	Z	.196	.196	0	%100
17	M9	X	1.358	1.358	0	%100
18	M9	Z	.784	.784	0	%100
19	M13	X	.019	.019	0	%100
20	M13	Z	.011	.011	0	%100
21	M14A	X	.078	.078	0	%100
22	M14A	Z	.045	.045	0	%100
23	M18	X	.019	.019	0	%100
24	M18	Z	.011	.011	0	%100
25	M22	X	.304	.304	0	%100
26	M22	Z	.175	.175	0	%100
27	M23	X	.304	.304	0	%100
28	M23	Z	.175	.175	0	%100
29	M24	X	0	0	0	%100
30	M24	Z	0	0	0	%100
31	M25	X	1.035	1.035	0	%100
32	M25	Z	.597	.597	0	%100
33	M26	X	.259	.259	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
34	M26	Z	.149	.149	0	%100
35	M27	X	.259	.259	0	%100
36	M27	Z	.149	.149	0	%100
37	M34	X	.019	.019	0	%100
38	M34	Z	.011	.011	0	%100
39	M35	X	.304	.304	0	%100
40	M35	Z	.175	.175	0	%100
41	M42	X	.078	.078	0	%100
42	M42	Z	.045	.045	0	%100
43	M43	X	0	0	0	%100
44	M43	Z	0	0	0	%100
45	M50	X	.019	.019	0	%100
46	M50	Z	.011	.011	0	%100
47	M51	X	.304	.304	0	%100
48	M51	Z	.175	.175	0	%100
49	M52	X	.615	.615	0	%100
50	M52	Z	.355	.355	0	%100
51	M53	X	.615	.615	0	%100
52	M53	Z	.355	.355	0	%100
53	M54	X	.151	.151	0	%100
54	M54	Z	.087	.087	0	%100
55	M55	X	.615	.615	0	%100
56	M55	Z	.355	.355	0	%100
57	M56	X	.615	.615	0	%100
58	M56	Z	.355	.355	0	%100
59	M57	X	.408	.408	0	%100
60	M57	Z	.235	.235	0	%100
61	M58	X	.408	.408	0	%100
62	M58	Z	.235	.235	0	%100
63	M59	X	.615	.615	0	%100
64	M59	Z	.355	.355	0	%100
65	M60	X	.615	.615	0	%100
66	M60	Z	.355	.355	0	%100
67	M61	X	.151	.151	0	%100
68	M61	Z	.087	.087	0	%100
69	M62	X	.615	.615	0	%100
70	M62	Z	.355	.355	0	%100
71	M63	X	.615	.615	0	%100
72	M63	Z	.355	.355	0	%100
73	M64	X	.408	.408	0	%100
74	M64	Z	.235	.235	0	%100
75	M65	X	.408	.408	0	%100
76	M65	Z	.235	.235	0	%100
77	M66	X	.615	.615	0	%100
78	M66	Z	.355	.355	0	%100
79	M67	X	.615	.615	0	%100
80	M67	Z	.355	.355	0	%100
81	M68	X	.604	.604	0	%100
82	M68	Z	.349	.349	0	%100
83	M69	X	.615	.615	0	%100
84	M69	Z	.355	.355	0	%100
85	M70	X	.615	.615	0	%100
86	M70	Z	.355	.355	0	%100
87	M71	X	.69	.69	0	%100
88	M71	Z	.398	.398	0	%100
89	M72	X	.69	.69	0	%100
90	M72	Z	.398	.398	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
91	M73	X	.081	.081	0	%100
92	M73	Z	.047	.047	0	%100
93	M74	X	.081	.081	0	%100
94	M74	Z	.047	.047	0	%100
95	M79	X	.081	.081	0	%100
96	M79	Z	.047	.047	0	%100
97	M80	X	.081	.081	0	%100
98	M80	Z	.047	.047	0	%100
99	M85	X	.324	.324	0	%100
100	M85	Z	.187	.187	0	%100
101	M86	X	.324	.324	0	%100
102	M86	Z	.187	.187	0	%100
103	MP3A	X	.492	.492	0	%100
104	MP3A	Z	.284	.284	0	%100
105	MP4A	X	.492	.492	0	%100
106	MP4A	Z	.284	.284	0	%100
107	MP1A	X	.492	.492	0	%100
108	MP1A	Z	.284	.284	0	%100
109	MP4C	X	.492	.492	0	%100
110	MP4C	Z	.284	.284	0	%100
111	MP1C	X	.492	.492	0	%100
112	MP1C	Z	.284	.284	0	%100
113	MP4B	X	.492	.492	0	%100
114	MP4B	Z	.284	.284	0	%100
115	MP1B	X	.492	.492	0	%100
116	MP1B	Z	.284	.284	0	%100
117	M127	X	.301	.301	0	%100
118	M127	Z	.174	.174	0	%100
119	M128	X	.837	.837	0	%100
120	M128	Z	.483	.483	0	%100
121	M129	X	.69	.69	0	%100
122	M129	Z	.398	.398	0	%100
123	M130	X	.69	.69	0	%100
124	M130	Z	.398	.398	0	%100
125	M131	X	.109	.109	0	%100
126	M131	Z	.063	.063	0	%100
127	M132	X	.109	.109	0	%100
128	M132	Z	.063	.063	0	%100
129	M133	X	.109	.109	0	%100
130	M133	Z	.063	.063	0	%100
131	M134	X	.109	.109	0	%100
132	M134	Z	.063	.063	0	%100
133	M135	X	.109	.109	0	%100
134	M135	Z	.063	.063	0	%100
135	MP2A	X	.492	.492	0	%100
136	MP2A	Z	.284	.284	0	%100
137	MP3C	X	.492	.492	0	%100
138	MP3C	Z	.284	.284	0	%100
139	MP3B	X	.492	.492	0	%100
140	MP3B	Z	.284	.284	0	%100
141	MP5C	X	.356	.356	0	%100
142	MP5C	Z	.206	.206	0	%100
143	MP2C	X	.492	.492	0	%100
144	MP2C	Z	.284	.284	0	%100
145	MP2B	X	.492	.492	0	%100
146	MP2B	Z	.284	.284	0	%100
147	M127A	X	.356	.356	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
148	M127A	Z	.206	.206	0	%100
149	M130B	X	.356	.356	0	%100
150	M130B	Z	.206	.206	0	%100
151	M133A	X	.356	.356	0	%100
152	M133A	Z	.206	.206	0	%100
153	M136A	X	.356	.356	0	%100
154	M136A	Z	.206	.206	0	%100
155	M139	X	.356	.356	0	%100
156	M139	Z	.206	.206	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
1	M1	X	.595	.595	0	%100
2	M1	Z	1.031	1.031	0	%100
3	M2	X	.595	.595	0	%100
4	M2	Z	1.031	1.031	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	.595	.595	0	%100
10	M5	Z	1.031	1.031	0	%100
11	M6	X	.595	.595	0	%100
12	M6	Z	1.031	1.031	0	%100
13	M7	X	.588	.588	0	%100
14	M7	Z	1.018	1.018	0	%100
15	M8	X	0	0	0	%100
16	M8	Z	0	0	0	%100
17	M9	X	.588	.588	0	%100
18	M9	Z	1.018	1.018	0	%100
19	M13	X	0	0	0	%100
20	M13	Z	0	0	0	%100
21	M14A	X	.034	.034	0	%100
22	M14A	Z	.058	.058	0	%100
23	M18	X	.034	.034	0	%100
24	M18	Z	.058	.058	0	%100
25	M22	X	.058	.058	0	%100
26	M22	Z	.101	.101	0	%100
27	M23	X	.234	.234	0	%100
28	M23	Z	.405	.405	0	%100
29	M24	X	.058	.058	0	%100
30	M24	Z	.101	.101	0	%100
31	M25	X	.448	.448	0	%100
32	M25	Z	.776	.776	0	%100
33	M26	X	.448	.448	0	%100
34	M26	Z	.776	.776	0	%100
35	M27	X	0	0	0	%100
36	M27	Z	0	0	0	%100
37	M34	X	0	0	0	%100
38	M34	Z	0	0	0	%100
39	M35	X	.234	.234	0	%100
40	M35	Z	.405	.405	0	%100
41	M42	X	.034	.034	0	%100
42	M42	Z	.058	.058	0	%100
43	M43	X	.058	.058	0	%100
44	M43	Z	.101	.101	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
45	M50	X	.034	.034	0	%100
46	M50	Z	.058	.058	0	%100
47	M51	X	.058	.058	0	%100
48	M51	Z	.101	.101	0	%100
49	M52	X	.355	.355	0	%100
50	M52	Z	.615	.615	0	%100
51	M53	X	.355	.355	0	%100
52	M53	Z	.615	.615	0	%100
53	M54	X	.261	.261	0	%100
54	M54	Z	.453	.453	0	%100
55	M55	X	.355	.355	0	%100
56	M55	Z	.615	.615	0	%100
57	M56	X	.355	.355	0	%100
58	M56	Z	.615	.615	0	%100
59	M57	X	.344	.344	0	%100
60	M57	Z	.596	.596	0	%100
61	M58	X	.344	.344	0	%100
62	M58	Z	.596	.596	0	%100
63	M59	X	.355	.355	0	%100
64	M59	Z	.615	.615	0	%100
65	M60	X	.355	.355	0	%100
66	M60	Z	.615	.615	0	%100
67	M61	X	0	0	0	%100
68	M61	Z	0	0	0	%100
69	M62	X	.355	.355	0	%100
70	M62	Z	.615	.615	0	%100
71	M63	X	.355	.355	0	%100
72	M63	Z	.615	.615	0	%100
73	M64	X	.181	.181	0	%100
74	M64	Z	.314	.314	0	%100
75	M65	X	.181	.181	0	%100
76	M65	Z	.314	.314	0	%100
77	M66	X	.355	.355	0	%100
78	M66	Z	.615	.615	0	%100
79	M67	X	.355	.355	0	%100
80	M67	Z	.615	.615	0	%100
81	M68	X	.261	.261	0	%100
82	M68	Z	.453	.453	0	%100
83	M69	X	.355	.355	0	%100
84	M69	Z	.615	.615	0	%100
85	M70	X	.355	.355	0	%100
86	M70	Z	.615	.615	0	%100
87	M71	X	.344	.344	0	%100
88	M71	Z	.596	.596	0	%100
89	M72	X	.344	.344	0	%100
90	M72	Z	.596	.596	0	%100
91	M73	X	.14	.14	0	%100
92	M73	Z	.243	.243	0	%100
93	M74	X	.14	.14	0	%100
94	M74	Z	.243	.243	0	%100
95	M79	X	0	0	0	%100
96	M79	Z	0	0	0	%100
97	M80	X	0	0	0	%100
98	M80	Z	0	0	0	%100
99	M85	X	.14	.14	0	%100
100	M85	Z	.243	.243	0	%100
101	M86	X	.14	.14	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
102	M86	Z	.243	.243	0	%100
103	MP3A	X	.284	.284	0	%100
104	MP3A	Z	.492	.492	0	%100
105	MP4A	X	.284	.284	0	%100
106	MP4A	Z	.492	.492	0	%100
107	MP1A	X	.284	.284	0	%100
108	MP1A	Z	.492	.492	0	%100
109	MP4C	X	.284	.284	0	%100
110	MP4C	Z	.492	.492	0	%100
111	MP1C	X	.284	.284	0	%100
112	MP1C	Z	.492	.492	0	%100
113	MP4B	X	.284	.284	0	%100
114	MP4B	Z	.492	.492	0	%100
115	MP1B	X	.284	.284	0	%100
116	MP1B	Z	.492	.492	0	%100
117	M127	X	.522	.522	0	%100
118	M127	Z	.903	.903	0	%100
119	M128	X	.161	.161	0	%100
120	M128	Z	.279	.279	0	%100
121	M129	X	.398	.398	0	%100
122	M129	Z	.69	.69	0	%100
123	M130	X	.398	.398	0	%100
124	M130	Z	.69	.69	0	%100
125	M131	X	.021	.021	0	%100
126	M131	Z	.036	.036	0	%100
127	M132	X	.021	.021	0	%100
128	M132	Z	.036	.036	0	%100
129	M133	X	.021	.021	0	%100
130	M133	Z	.036	.036	0	%100
131	M134	X	.021	.021	0	%100
132	M134	Z	.036	.036	0	%100
133	M135	X	.021	.021	0	%100
134	M135	Z	.036	.036	0	%100
135	MP2A	X	.284	.284	0	%100
136	MP2A	Z	.492	.492	0	%100
137	MP3C	X	.284	.284	0	%100
138	MP3C	Z	.492	.492	0	%100
139	MP3B	X	.284	.284	0	%100
140	MP3B	Z	.492	.492	0	%100
141	MP5C	X	.206	.206	0	%100
142	MP5C	Z	.356	.356	0	%100
143	MP2C	X	.284	.284	0	%100
144	MP2C	Z	.492	.492	0	%100
145	MP2B	X	.284	.284	0	%100
146	MP2B	Z	.492	.492	0	%100
147	M127A	X	.206	.206	0	%100
148	M127A	Z	.356	.356	0	%100
149	M130B	X	.206	.206	0	%100
150	M130B	Z	.356	.356	0	%100
151	M133A	X	.206	.206	0	%100
152	M133A	Z	.356	.356	0	%100
153	M136A	X	.206	.206	0	%100
154	M136A	Z	.356	.356	0	%100
155	M139	X	.206	.206	0	%100
156	M139	Z	.356	.356	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
1	M1	X	0	0	0	%100
2	M1	Z	1.587	1.587	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	1.587	1.587	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	.397	.397	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	.397	.397	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	.397	.397	0	%100
11	M6	X	0	0	0	%100
12	M6	Z	.397	.397	0	%100
13	M7	X	0	0	0	%100
14	M7	Z	1.568	1.568	0	%100
15	M8	X	0	0	0	%100
16	M8	Z	.392	.392	0	%100
17	M9	X	0	0	0	%100
18	M9	Z	.392	.392	0	%100
19	M13	X	0	0	0	%100
20	M13	Z	.022	.022	0	%100
21	M14A	X	0	0	0	%100
22	M14A	Z	.022	.022	0	%100
23	M18	X	0	0	0	%100
24	M18	Z	.09	.09	0	%100
25	M22	X	0	0	0	%100
26	M22	Z	0	0	0	%100
27	M23	X	0	0	0	%100
28	M23	Z	.351	.351	0	%100
29	M24	X	0	0	0	%100
30	M24	Z	.351	.351	0	%100
31	M25	X	0	0	0	%100
32	M25	Z	.299	.299	0	%100
33	M26	X	0	0	0	%100
34	M26	Z	1.195	1.195	0	%100
35	M27	X	0	0	0	%100
36	M27	Z	.299	.299	0	%100
37	M34	X	0	0	0	%100
38	M34	Z	.022	.022	0	%100
39	M35	X	0	0	0	%100
40	M35	Z	.351	.351	0	%100
41	M42	X	0	0	0	%100
42	M42	Z	.022	.022	0	%100
43	M43	X	0	0	0	%100
44	M43	Z	.351	.351	0	%100
45	M50	X	0	0	0	%100
46	M50	Z	.09	.09	0	%100
47	M51	X	0	0	0	%100
48	M51	Z	0	0	0	%100
49	M52	X	0	0	0	%100
50	M52	Z	.71	.71	0	%100
51	M53	X	0	0	0	%100
52	M53	Z	.71	.71	0	%100
53	M54	X	0	0	0	%100
54	M54	Z	.697	.697	0	%100
55	M55	X	0	0	0	%100
56	M55	Z	.71	.71	0	%100
57	M56	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
58	M56	Z	.71	.71	0	%100
59	M57	X	0	0	0	%100
60	M57	Z	.797	.797	0	%100
61	M58	X	0	0	0	%100
62	M58	Z	.797	.797	0	%100
63	M59	X	0	0	0	%100
64	M59	Z	.71	.71	0	%100
65	M60	X	0	0	0	%100
66	M60	Z	.71	.71	0	%100
67	M61	X	0	0	0	%100
68	M61	Z	.174	.174	0	%100
69	M62	X	0	0	0	%100
70	M62	Z	.71	.71	0	%100
71	M63	X	0	0	0	%100
72	M63	Z	.71	.71	0	%100
73	M64	X	0	0	0	%100
74	M64	Z	.471	.471	0	%100
75	M65	X	0	0	0	%100
76	M65	Z	.471	.471	0	%100
77	M66	X	0	0	0	%100
78	M66	Z	.71	.71	0	%100
79	M67	X	0	0	0	%100
80	M67	Z	.71	.71	0	%100
81	M68	X	0	0	0	%100
82	M68	Z	.174	.174	0	%100
83	M69	X	0	0	0	%100
84	M69	Z	.71	.71	0	%100
85	M70	X	0	0	0	%100
86	M70	Z	.71	.71	0	%100
87	M71	X	0	0	0	%100
88	M71	Z	.471	.471	0	%100
89	M72	X	0	0	0	%100
90	M72	Z	.471	.471	0	%100
91	M73	X	0	0	0	%100
92	M73	Z	.374	.374	0	%100
93	M74	X	0	0	0	%100
94	M74	Z	.374	.374	0	%100
95	M79	X	0	0	0	%100
96	M79	Z	.093	.093	0	%100
97	M80	X	0	0	0	%100
98	M80	Z	.093	.093	0	%100
99	M85	X	0	0	0	%100
100	M85	Z	.093	.093	0	%100
101	M86	X	0	0	0	%100
102	M86	Z	.093	.093	0	%100
103	MP3A	X	0	0	0	%100
104	MP3A	Z	.568	.568	0	%100
105	MP4A	X	0	0	0	%100
106	MP4A	Z	.568	.568	0	%100
107	MP1A	X	0	0	0	%100
108	MP1A	Z	.568	.568	0	%100
109	MP4C	X	0	0	0	%100
110	MP4C	Z	.568	.568	0	%100
111	MP1C	X	0	0	0	%100
112	MP1C	Z	.568	.568	0	%100
113	MP4B	X	0	0	0	%100
114	MP4B	Z	.568	.568	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
115	MP1B	X	0	0	0	%100
116	MP1B	Z	.568	.568	0	%100
117	M127	X	0	0	0	%100
118	M127	Z	1.391	1.391	0	%100
119	M128	X	0	0	0	%100
120	M128	Z	0	0	0	%100
121	M129	X	0	0	0	%100
122	M129	Z	.797	.797	0	%100
123	M130	X	0	0	0	%100
124	M130	Z	.797	.797	0	%100
125	M131	X	0	0	0	%100
126	M131	Z	0	0	0	%100
127	M132	X	0	0	0	%100
128	M132	Z	0	0	0	%100
129	M133	X	0	0	0	%100
130	M133	Z	0	0	0	%100
131	M134	X	0	0	0	%100
132	M134	Z	0	0	0	%100
133	M135	X	0	0	0	%100
134	M135	Z	0	0	0	%100
135	MP2A	X	0	0	0	%100
136	MP2A	Z	.568	.568	0	%100
137	MP3C	X	0	0	0	%100
138	MP3C	Z	.568	.568	0	%100
139	MP3B	X	0	0	0	%100
140	MP3B	Z	.568	.568	0	%100
141	MP5C	X	0	0	0	%100
142	MP5C	Z	.411	.411	0	%100
143	MP2C	X	0	0	0	%100
144	MP2C	Z	.568	.568	0	%100
145	MP2B	X	0	0	0	%100
146	MP2B	Z	.568	.568	0	%100
147	M127A	X	0	0	0	%100
148	M127A	Z	.411	.411	0	%100
149	M130B	X	0	0	0	%100
150	M130B	Z	.411	.411	0	%100
151	M133A	X	0	0	0	%100
152	M133A	Z	.411	.411	0	%100
153	M136A	X	0	0	0	%100
154	M136A	Z	.411	.411	0	%100
155	M139	X	0	0	0	%100
156	M139	Z	.411	.411	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
1	M1	X	-.595	-.595	0	%100
2	M1	Z	1.031	1.031	0	%100
3	M2	X	-.595	-.595	0	%100
4	M2	Z	1.031	1.031	0	%100
5	M3	X	-.595	-.595	0	%100
6	M3	Z	1.031	1.031	0	%100
7	M4	X	-.595	-.595	0	%100
8	M4	Z	1.031	1.031	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	0	0	0	%100
11	M6	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
12	M6	Z	0	0	0	%100
13	M7	X	-.588	-.588	0	%100
14	M7	Z	1.018	1.018	0	%100
15	M8	X	-.588	-.588	0	%100
16	M8	Z	1.018	1.018	0	%100
17	M9	X	0	0	0	%100
18	M9	Z	0	0	0	%100
19	M13	X	-.034	-.034	0	%100
20	M13	Z	.058	.058	0	%100
21	M14A	X	0	0	0	%100
22	M14A	Z	0	0	0	%100
23	M18	X	-.034	-.034	0	%100
24	M18	Z	.058	.058	0	%100
25	M22	X	-.058	-.058	0	%100
26	M22	Z	.101	.101	0	%100
27	M23	X	-.058	-.058	0	%100
28	M23	Z	.101	.101	0	%100
29	M24	X	-.234	-.234	0	%100
30	M24	Z	.405	.405	0	%100
31	M25	X	0	0	0	%100
32	M25	Z	0	0	0	%100
33	M26	X	-.448	-.448	0	%100
34	M26	Z	.776	.776	0	%100
35	M27	X	-.448	-.448	0	%100
36	M27	Z	.776	.776	0	%100
37	M34	X	-.034	-.034	0	%100
38	M34	Z	.058	.058	0	%100
39	M35	X	-.058	-.058	0	%100
40	M35	Z	.101	.101	0	%100
41	M42	X	0	0	0	%100
42	M42	Z	0	0	0	%100
43	M43	X	-.234	-.234	0	%100
44	M43	Z	.405	.405	0	%100
45	M50	X	-.034	-.034	0	%100
46	M50	Z	.058	.058	0	%100
47	M51	X	-.058	-.058	0	%100
48	M51	Z	.101	.101	0	%100
49	M52	X	-.355	-.355	0	%100
50	M52	Z	.615	.615	0	%100
51	M53	X	-.355	-.355	0	%100
52	M53	Z	.615	.615	0	%100
53	M54	X	-.261	-.261	0	%100
54	M54	Z	.453	.453	0	%100
55	M55	X	-.355	-.355	0	%100
56	M55	Z	.615	.615	0	%100
57	M56	X	-.355	-.355	0	%100
58	M56	Z	.615	.615	0	%100
59	M57	X	-.344	-.344	0	%100
60	M57	Z	.596	.596	0	%100
61	M58	X	-.344	-.344	0	%100
62	M58	Z	.596	.596	0	%100
63	M59	X	-.355	-.355	0	%100
64	M59	Z	.615	.615	0	%100
65	M60	X	-.355	-.355	0	%100
66	M60	Z	.615	.615	0	%100
67	M61	X	-.261	-.261	0	%100
68	M61	Z	.453	.453	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
69	M62	X	-.355	-.355	0	%100
70	M62	Z	.615	.615	0	%100
71	M63	X	-.355	-.355	0	%100
72	M63	Z	.615	.615	0	%100
73	M64	X	-.344	-.344	0	%100
74	M64	Z	.596	.596	0	%100
75	M65	X	-.344	-.344	0	%100
76	M65	Z	.596	.596	0	%100
77	M66	X	-.355	-.355	0	%100
78	M66	Z	.615	.615	0	%100
79	M67	X	-.355	-.355	0	%100
80	M67	Z	.615	.615	0	%100
81	M68	X	0	0	0	%100
82	M68	Z	0	0	0	%100
83	M69	X	-.355	-.355	0	%100
84	M69	Z	.615	.615	0	%100
85	M70	X	-.355	-.355	0	%100
86	M70	Z	.615	.615	0	%100
87	M71	X	-.181	-.181	0	%100
88	M71	Z	.314	.314	0	%100
89	M72	X	-.181	-.181	0	%100
90	M72	Z	.314	.314	0	%100
91	M73	X	-.14	-.14	0	%100
92	M73	Z	.243	.243	0	%100
93	M74	X	-.14	-.14	0	%100
94	M74	Z	.243	.243	0	%100
95	M79	X	-.14	-.14	0	%100
96	M79	Z	.243	.243	0	%100
97	M80	X	-.14	-.14	0	%100
98	M80	Z	.243	.243	0	%100
99	M85	X	0	0	0	%100
100	M85	Z	0	0	0	%100
101	M86	X	0	0	0	%100
102	M86	Z	0	0	0	%100
103	MP3A	X	-.284	-.284	0	%100
104	MP3A	Z	.492	.492	0	%100
105	MP4A	X	-.284	-.284	0	%100
106	MP4A	Z	.492	.492	0	%100
107	MP1A	X	-.284	-.284	0	%100
108	MP1A	Z	.492	.492	0	%100
109	MP4C	X	-.284	-.284	0	%100
110	MP4C	Z	.492	.492	0	%100
111	MP1C	X	-.284	-.284	0	%100
112	MP1C	Z	.492	.492	0	%100
113	MP4B	X	-.284	-.284	0	%100
114	MP4B	Z	.492	.492	0	%100
115	MP1B	X	-.284	-.284	0	%100
116	MP1B	Z	.492	.492	0	%100
117	M127	X	-.522	-.522	0	%100
118	M127	Z	.903	.903	0	%100
119	M128	X	-.161	-.161	0	%100
120	M128	Z	.279	.279	0	%100
121	M129	X	-.398	-.398	0	%100
122	M129	Z	.69	.69	0	%100
123	M130	X	-.398	-.398	0	%100
124	M130	Z	.69	.69	0	%100
125	M131	X	-.021	-.021	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
126	M131	Z	.036	.036	0	%100
127	M132	X	-.021	-.021	0	%100
128	M132	Z	.036	.036	0	%100
129	M133	X	-.021	-.021	0	%100
130	M133	Z	.036	.036	0	%100
131	M134	X	-.021	-.021	0	%100
132	M134	Z	.036	.036	0	%100
133	M135	X	-.021	-.021	0	%100
134	M135	Z	.036	.036	0	%100
135	MP2A	X	-.284	-.284	0	%100
136	MP2A	Z	.492	.492	0	%100
137	MP3C	X	-.284	-.284	0	%100
138	MP3C	Z	.492	.492	0	%100
139	MP3B	X	-.284	-.284	0	%100
140	MP3B	Z	.492	.492	0	%100
141	MP5C	X	-.206	-.206	0	%100
142	MP5C	Z	.356	.356	0	%100
143	MP2C	X	-.284	-.284	0	%100
144	MP2C	Z	.492	.492	0	%100
145	MP2B	X	-.284	-.284	0	%100
146	MP2B	Z	.492	.492	0	%100
147	M127A	X	-.206	-.206	0	%100
148	M127A	Z	.356	.356	0	%100
149	M130B	X	-.206	-.206	0	%100
150	M130B	Z	.356	.356	0	%100
151	M133A	X	-.206	-.206	0	%100
152	M133A	Z	.356	.356	0	%100
153	M136A	X	-.206	-.206	0	%100
154	M136A	Z	.356	.356	0	%100
155	M139	X	-.206	-.206	0	%100
156	M139	Z	.356	.356	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
1	M1	X	-.344	-.344	0	%100
2	M1	Z	.198	.198	0	%100
3	M2	X	-.344	-.344	0	%100
4	M2	Z	.198	.198	0	%100
5	M3	X	-1.374	-1.374	0	%100
6	M3	Z	.793	.793	0	%100
7	M4	X	-1.374	-1.374	0	%100
8	M4	Z	.793	.793	0	%100
9	M5	X	-.344	-.344	0	%100
10	M5	Z	.198	.198	0	%100
11	M6	X	-.344	-.344	0	%100
12	M6	Z	.198	.198	0	%100
13	M7	X	-.339	-.339	0	%100
14	M7	Z	.196	.196	0	%100
15	M8	X	-1.358	-1.358	0	%100
16	M8	Z	.784	.784	0	%100
17	M9	X	-.339	-.339	0	%100
18	M9	Z	.196	.196	0	%100
19	M13	X	-.078	-.078	0	%100
20	M13	Z	.045	.045	0	%100
21	M14A	X	-.019	-.019	0	%100
22	M14A	Z	.011	.011	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
23	M18	X	-.019	-.019	0	%100
24	M18	Z	.011	.011	0	%100
25	M22	X	-.304	-.304	0	%100
26	M22	Z	.175	.175	0	%100
27	M23	X	0	0	0	%100
28	M23	Z	0	0	0	%100
29	M24	X	-.304	-.304	0	%100
30	M24	Z	.175	.175	0	%100
31	M25	X	-.259	-.259	0	%100
32	M25	Z	.149	.149	0	%100
33	M26	X	-.259	-.259	0	%100
34	M26	Z	.149	.149	0	%100
35	M27	X	-1.035	-1.035	0	%100
36	M27	Z	.597	.597	0	%100
37	M34	X	-.078	-.078	0	%100
38	M34	Z	.045	.045	0	%100
39	M35	X	0	0	0	%100
40	M35	Z	0	0	0	%100
41	M42	X	-.019	-.019	0	%100
42	M42	Z	.011	.011	0	%100
43	M43	X	-.304	-.304	0	%100
44	M43	Z	.175	.175	0	%100
45	M50	X	-.019	-.019	0	%100
46	M50	Z	.011	.011	0	%100
47	M51	X	-.304	-.304	0	%100
48	M51	Z	.175	.175	0	%100
49	M52	X	-.615	-.615	0	%100
50	M52	Z	.355	.355	0	%100
51	M53	X	-.615	-.615	0	%100
52	M53	Z	.355	.355	0	%100
53	M54	X	-.151	-.151	0	%100
54	M54	Z	.087	.087	0	%100
55	M55	X	-.615	-.615	0	%100
56	M55	Z	.355	.355	0	%100
57	M56	X	-.615	-.615	0	%100
58	M56	Z	.355	.355	0	%100
59	M57	X	-.408	-.408	0	%100
60	M57	Z	.235	.235	0	%100
61	M58	X	-.408	-.408	0	%100
62	M58	Z	.235	.235	0	%100
63	M59	X	-.615	-.615	0	%100
64	M59	Z	.355	.355	0	%100
65	M60	X	-.615	-.615	0	%100
66	M60	Z	.355	.355	0	%100
67	M61	X	-.604	-.604	0	%100
68	M61	Z	.349	.349	0	%100
69	M62	X	-.615	-.615	0	%100
70	M62	Z	.355	.355	0	%100
71	M63	X	-.615	-.615	0	%100
72	M63	Z	.355	.355	0	%100
73	M64	X	-.69	-.69	0	%100
74	M64	Z	.398	.398	0	%100
75	M65	X	-.69	-.69	0	%100
76	M65	Z	.398	.398	0	%100
77	M66	X	-.615	-.615	0	%100
78	M66	Z	.355	.355	0	%100
79	M67	X	-.615	-.615	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
80	M67	Z	.355	.355	0	%100
81	M68	X	-.151	-.151	0	%100
82	M68	Z	.087	.087	0	%100
83	M69	X	-.615	-.615	0	%100
84	M69	Z	.355	.355	0	%100
85	M70	X	-.615	-.615	0	%100
86	M70	Z	.355	.355	0	%100
87	M71	X	-.408	-.408	0	%100
88	M71	Z	.235	.235	0	%100
89	M72	X	-.408	-.408	0	%100
90	M72	Z	.235	.235	0	%100
91	M73	X	-.081	-.081	0	%100
92	M73	Z	.047	.047	0	%100
93	M74	X	-.081	-.081	0	%100
94	M74	Z	.047	.047	0	%100
95	M79	X	-.324	-.324	0	%100
96	M79	Z	.187	.187	0	%100
97	M80	X	-.324	-.324	0	%100
98	M80	Z	.187	.187	0	%100
99	M85	X	-.081	-.081	0	%100
100	M85	Z	.047	.047	0	%100
101	M86	X	-.081	-.081	0	%100
102	M86	Z	.047	.047	0	%100
103	MP3A	X	-.492	-.492	0	%100
104	MP3A	Z	.284	.284	0	%100
105	MP4A	X	-.492	-.492	0	%100
106	MP4A	Z	.284	.284	0	%100
107	MP1A	X	-.492	-.492	0	%100
108	MP1A	Z	.284	.284	0	%100
109	MP4C	X	-.492	-.492	0	%100
110	MP4C	Z	.284	.284	0	%100
111	MP1C	X	-.492	-.492	0	%100
112	MP1C	Z	.284	.284	0	%100
113	MP4B	X	-.492	-.492	0	%100
114	MP4B	Z	.284	.284	0	%100
115	MP1B	X	-.492	-.492	0	%100
116	MP1B	Z	.284	.284	0	%100
117	M127	X	-.301	-.301	0	%100
118	M127	Z	.174	.174	0	%100
119	M128	X	-.837	-.837	0	%100
120	M128	Z	.483	.483	0	%100
121	M129	X	-.69	-.69	0	%100
122	M129	Z	.398	.398	0	%100
123	M130	X	-.69	-.69	0	%100
124	M130	Z	.398	.398	0	%100
125	M131	X	-.109	-.109	0	%100
126	M131	Z	.063	.063	0	%100
127	M132	X	-.109	-.109	0	%100
128	M132	Z	.063	.063	0	%100
129	M133	X	-.109	-.109	0	%100
130	M133	Z	.063	.063	0	%100
131	M134	X	-.109	-.109	0	%100
132	M134	Z	.063	.063	0	%100
133	M135	X	-.109	-.109	0	%100
134	M135	Z	.063	.063	0	%100
135	MP2A	X	-.492	-.492	0	%100
136	MP2A	Z	.284	.284	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
137	MP3C	X	-.492	-.492	0	%100
138	MP3C	Z	.284	.284	0	%100
139	MP3B	X	-.492	-.492	0	%100
140	MP3B	Z	.284	.284	0	%100
141	MP5C	X	-.356	-.356	0	%100
142	MP5C	Z	.206	.206	0	%100
143	MP2C	X	-.492	-.492	0	%100
144	MP2C	Z	.284	.284	0	%100
145	MP2B	X	-.492	-.492	0	%100
146	MP2B	Z	.284	.284	0	%100
147	M127A	X	-.356	-.356	0	%100
148	M127A	Z	.206	.206	0	%100
149	M130B	X	-.356	-.356	0	%100
150	M130B	Z	.206	.206	0	%100
151	M133A	X	-.356	-.356	0	%100
152	M133A	Z	.206	.206	0	%100
153	M136A	X	-.356	-.356	0	%100
154	M136A	Z	.206	.206	0	%100
155	M139	X	-.356	-.356	0	%100
156	M139	Z	.206	.206	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	-1.19	-1.19	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	-1.19	-1.19	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	-1.19	-1.19	0	%100
10	M5	Z	0	0	0	%100
11	M6	X	-1.19	-1.19	0	%100
12	M6	Z	0	0	0	%100
13	M7	X	0	0	0	%100
14	M7	Z	0	0	0	%100
15	M8	X	-1.176	-1.176	0	%100
16	M8	Z	0	0	0	%100
17	M9	X	-1.176	-1.176	0	%100
18	M9	Z	0	0	0	%100
19	M13	X	-.067	-.067	0	%100
20	M13	Z	0	0	0	%100
21	M14A	X	-.067	-.067	0	%100
22	M14A	Z	0	0	0	%100
23	M18	X	0	0	0	%100
24	M18	Z	0	0	0	%100
25	M22	X	-.467	-.467	0	%100
26	M22	Z	0	0	0	%100
27	M23	X	-.117	-.117	0	%100
28	M23	Z	0	0	0	%100
29	M24	X	-.117	-.117	0	%100
30	M24	Z	0	0	0	%100
31	M25	X	-.896	-.896	0	%100
32	M25	Z	0	0	0	%100
33	M26	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
34	M26	Z	0	0	0	%100
35	M27	X	-.896	-.896	0	%100
36	M27	Z	0	0	0	%100
37	M34	X	-.067	-.067	0	%100
38	M34	Z	0	0	0	%100
39	M35	X	-.117	-.117	0	%100
40	M35	Z	0	0	0	%100
41	M42	X	-.067	-.067	0	%100
42	M42	Z	0	0	0	%100
43	M43	X	-.117	-.117	0	%100
44	M43	Z	0	0	0	%100
45	M50	X	0	0	0	%100
46	M50	Z	0	0	0	%100
47	M51	X	-.467	-.467	0	%100
48	M51	Z	0	0	0	%100
49	M52	X	-.71	-.71	0	%100
50	M52	Z	0	0	0	%100
51	M53	X	-.71	-.71	0	%100
52	M53	Z	0	0	0	%100
53	M54	X	0	0	0	%100
54	M54	Z	0	0	0	%100
55	M55	X	-.71	-.71	0	%100
56	M55	Z	0	0	0	%100
57	M56	X	-.71	-.71	0	%100
58	M56	Z	0	0	0	%100
59	M57	X	-.362	-.362	0	%100
60	M57	Z	0	0	0	%100
61	M58	X	-.362	-.362	0	%100
62	M58	Z	0	0	0	%100
63	M59	X	-.71	-.71	0	%100
64	M59	Z	0	0	0	%100
65	M60	X	-.71	-.71	0	%100
66	M60	Z	0	0	0	%100
67	M61	X	-.523	-.523	0	%100
68	M61	Z	0	0	0	%100
69	M62	X	-.71	-.71	0	%100
70	M62	Z	0	0	0	%100
71	M63	X	-.71	-.71	0	%100
72	M63	Z	0	0	0	%100
73	M64	X	-.688	-.688	0	%100
74	M64	Z	0	0	0	%100
75	M65	X	-.688	-.688	0	%100
76	M65	Z	0	0	0	%100
77	M66	X	-.71	-.71	0	%100
78	M66	Z	0	0	0	%100
79	M67	X	-.71	-.71	0	%100
80	M67	Z	0	0	0	%100
81	M68	X	-.523	-.523	0	%100
82	M68	Z	0	0	0	%100
83	M69	X	-.71	-.71	0	%100
84	M69	Z	0	0	0	%100
85	M70	X	-.71	-.71	0	%100
86	M70	Z	0	0	0	%100
87	M71	X	-.688	-.688	0	%100
88	M71	Z	0	0	0	%100
89	M72	X	-.688	-.688	0	%100
90	M72	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
91	M73	X	0	0	0	%100
92	M73	Z	0	0	0	%100
93	M74	X	0	0	0	%100
94	M74	Z	0	0	0	%100
95	M79	X	-.28	-.28	0	%100
96	M79	Z	0	0	0	%100
97	M80	X	-.28	-.28	0	%100
98	M80	Z	0	0	0	%100
99	M85	X	-.28	-.28	0	%100
100	M85	Z	0	0	0	%100
101	M86	X	-.28	-.28	0	%100
102	M86	Z	0	0	0	%100
103	MP3A	X	-.568	-.568	0	%100
104	MP3A	Z	0	0	0	%100
105	MP4A	X	-.568	-.568	0	%100
106	MP4A	Z	0	0	0	%100
107	MP1A	X	-.568	-.568	0	%100
108	MP1A	Z	0	0	0	%100
109	MP4C	X	-.568	-.568	0	%100
110	MP4C	Z	0	0	0	%100
111	MP1C	X	-.568	-.568	0	%100
112	MP1C	Z	0	0	0	%100
113	MP4B	X	-.568	-.568	0	%100
114	MP4B	Z	0	0	0	%100
115	MP1B	X	-.568	-.568	0	%100
116	MP1B	Z	0	0	0	%100
117	M127	X	0	0	0	%100
118	M127	Z	0	0	0	%100
119	M128	X	-1.288	-1.288	0	%100
120	M128	Z	0	0	0	%100
121	M129	X	-.797	-.797	0	%100
122	M129	Z	0	0	0	%100
123	M130	X	-.797	-.797	0	%100
124	M130	Z	0	0	0	%100
125	M131	X	-.167	-.167	0	%100
126	M131	Z	0	0	0	%100
127	M132	X	-.167	-.167	0	%100
128	M132	Z	0	0	0	%100
129	M133	X	-.167	-.167	0	%100
130	M133	Z	0	0	0	%100
131	M134	X	-.167	-.167	0	%100
132	M134	Z	0	0	0	%100
133	M135	X	-.167	-.167	0	%100
134	M135	Z	0	0	0	%100
135	MP2A	X	-.568	-.568	0	%100
136	MP2A	Z	0	0	0	%100
137	MP3C	X	-.568	-.568	0	%100
138	MP3C	Z	0	0	0	%100
139	MP3B	X	-.568	-.568	0	%100
140	MP3B	Z	0	0	0	%100
141	MP5C	X	-.411	-.411	0	%100
142	MP5C	Z	0	0	0	%100
143	MP2C	X	-.568	-.568	0	%100
144	MP2C	Z	0	0	0	%100
145	MP2B	X	-.568	-.568	0	%100
146	MP2B	Z	0	0	0	%100
147	M127A	X	-.411	-.411	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
148	M127A	Z	0	0	0	%100
149	M130B	X	-.411	-.411	0	%100
150	M130B	Z	0	0	0	%100
151	M133A	X	-.411	-.411	0	%100
152	M133A	Z	0	0	0	%100
153	M136A	X	-.411	-.411	0	%100
154	M136A	Z	0	0	0	%100
155	M139	X	-.411	-.411	0	%100
156	M139	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
1	M1	X	-.344	-.344	0	%100
2	M1	Z	-.198	-.198	0	%100
3	M2	X	-.344	-.344	0	%100
4	M2	Z	-.198	-.198	0	%100
5	M3	X	-.344	-.344	0	%100
6	M3	Z	-.198	-.198	0	%100
7	M4	X	-.344	-.344	0	%100
8	M4	Z	-.198	-.198	0	%100
9	M5	X	-1.374	-1.374	0	%100
10	M5	Z	-.793	-.793	0	%100
11	M6	X	-1.374	-1.374	0	%100
12	M6	Z	-.793	-.793	0	%100
13	M7	X	-.339	-.339	0	%100
14	M7	Z	-.196	-.196	0	%100
15	M8	X	-.339	-.339	0	%100
16	M8	Z	-.196	-.196	0	%100
17	M9	X	-1.358	-1.358	0	%100
18	M9	Z	-.784	-.784	0	%100
19	M13	X	-.019	-.019	0	%100
20	M13	Z	-.011	-.011	0	%100
21	M14A	X	-.078	-.078	0	%100
22	M14A	Z	-.045	-.045	0	%100
23	M18	X	-.019	-.019	0	%100
24	M18	Z	-.011	-.011	0	%100
25	M22	X	-.304	-.304	0	%100
26	M22	Z	-.175	-.175	0	%100
27	M23	X	-.304	-.304	0	%100
28	M23	Z	-.175	-.175	0	%100
29	M24	X	0	0	0	%100
30	M24	Z	0	0	0	%100
31	M25	X	-1.035	-1.035	0	%100
32	M25	Z	-.597	-.597	0	%100
33	M26	X	-.259	-.259	0	%100
34	M26	Z	-.149	-.149	0	%100
35	M27	X	-.259	-.259	0	%100
36	M27	Z	-.149	-.149	0	%100
37	M34	X	-.019	-.019	0	%100
38	M34	Z	-.011	-.011	0	%100
39	M35	X	-.304	-.304	0	%100
40	M35	Z	-.175	-.175	0	%100
41	M42	X	-.078	-.078	0	%100
42	M42	Z	-.045	-.045	0	%100
43	M43	X	0	0	0	%100
44	M43	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
45	M50	X	-.019	-.019	0	%100
46	M50	Z	-.011	-.011	0	%100
47	M51	X	-.304	-.304	0	%100
48	M51	Z	-.175	-.175	0	%100
49	M52	X	-.615	-.615	0	%100
50	M52	Z	-.355	-.355	0	%100
51	M53	X	-.615	-.615	0	%100
52	M53	Z	-.355	-.355	0	%100
53	M54	X	-.151	-.151	0	%100
54	M54	Z	-.087	-.087	0	%100
55	M55	X	-.615	-.615	0	%100
56	M55	Z	-.355	-.355	0	%100
57	M56	X	-.615	-.615	0	%100
58	M56	Z	-.355	-.355	0	%100
59	M57	X	-.408	-.408	0	%100
60	M57	Z	-.235	-.235	0	%100
61	M58	X	-.408	-.408	0	%100
62	M58	Z	-.235	-.235	0	%100
63	M59	X	-.615	-.615	0	%100
64	M59	Z	-.355	-.355	0	%100
65	M60	X	-.615	-.615	0	%100
66	M60	Z	-.355	-.355	0	%100
67	M61	X	-.151	-.151	0	%100
68	M61	Z	-.087	-.087	0	%100
69	M62	X	-.615	-.615	0	%100
70	M62	Z	-.355	-.355	0	%100
71	M63	X	-.615	-.615	0	%100
72	M63	Z	-.355	-.355	0	%100
73	M64	X	-.408	-.408	0	%100
74	M64	Z	-.235	-.235	0	%100
75	M65	X	-.408	-.408	0	%100
76	M65	Z	-.235	-.235	0	%100
77	M66	X	-.615	-.615	0	%100
78	M66	Z	-.355	-.355	0	%100
79	M67	X	-.615	-.615	0	%100
80	M67	Z	-.355	-.355	0	%100
81	M68	X	-.604	-.604	0	%100
82	M68	Z	-.349	-.349	0	%100
83	M69	X	-.615	-.615	0	%100
84	M69	Z	-.355	-.355	0	%100
85	M70	X	-.615	-.615	0	%100
86	M70	Z	-.355	-.355	0	%100
87	M71	X	-.69	-.69	0	%100
88	M71	Z	-.398	-.398	0	%100
89	M72	X	-.69	-.69	0	%100
90	M72	Z	-.398	-.398	0	%100
91	M73	X	-.081	-.081	0	%100
92	M73	Z	-.047	-.047	0	%100
93	M74	X	-.081	-.081	0	%100
94	M74	Z	-.047	-.047	0	%100
95	M79	X	-.081	-.081	0	%100
96	M79	Z	-.047	-.047	0	%100
97	M80	X	-.081	-.081	0	%100
98	M80	Z	-.047	-.047	0	%100
99	M85	X	-.324	-.324	0	%100
100	M85	Z	-.187	-.187	0	%100
101	M86	X	-.324	-.324	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
102	M86	Z	-.187	-.187	0	%100
103	MP3A	X	-.492	-.492	0	%100
104	MP3A	Z	-.284	-.284	0	%100
105	MP4A	X	-.492	-.492	0	%100
106	MP4A	Z	-.284	-.284	0	%100
107	MP1A	X	-.492	-.492	0	%100
108	MP1A	Z	-.284	-.284	0	%100
109	MP4C	X	-.492	-.492	0	%100
110	MP4C	Z	-.284	-.284	0	%100
111	MP1C	X	-.492	-.492	0	%100
112	MP1C	Z	-.284	-.284	0	%100
113	MP4B	X	-.492	-.492	0	%100
114	MP4B	Z	-.284	-.284	0	%100
115	MP1B	X	-.492	-.492	0	%100
116	MP1B	Z	-.284	-.284	0	%100
117	M127	X	-.301	-.301	0	%100
118	M127	Z	-.174	-.174	0	%100
119	M128	X	-.837	-.837	0	%100
120	M128	Z	-.483	-.483	0	%100
121	M129	X	-.69	-.69	0	%100
122	M129	Z	-.398	-.398	0	%100
123	M130	X	-.69	-.69	0	%100
124	M130	Z	-.398	-.398	0	%100
125	M131	X	-.109	-.109	0	%100
126	M131	Z	-.063	-.063	0	%100
127	M132	X	-.109	-.109	0	%100
128	M132	Z	-.063	-.063	0	%100
129	M133	X	-.109	-.109	0	%100
130	M133	Z	-.063	-.063	0	%100
131	M134	X	-.109	-.109	0	%100
132	M134	Z	-.063	-.063	0	%100
133	M135	X	-.109	-.109	0	%100
134	M135	Z	-.063	-.063	0	%100
135	MP2A	X	-.492	-.492	0	%100
136	MP2A	Z	-.284	-.284	0	%100
137	MP3C	X	-.492	-.492	0	%100
138	MP3C	Z	-.284	-.284	0	%100
139	MP3B	X	-.492	-.492	0	%100
140	MP3B	Z	-.284	-.284	0	%100
141	MP5C	X	-.356	-.356	0	%100
142	MP5C	Z	-.206	-.206	0	%100
143	MP2C	X	-.492	-.492	0	%100
144	MP2C	Z	-.284	-.284	0	%100
145	MP2B	X	-.492	-.492	0	%100
146	MP2B	Z	-.284	-.284	0	%100
147	M127A	X	-.356	-.356	0	%100
148	M127A	Z	-.206	-.206	0	%100
149	M130B	X	-.356	-.356	0	%100
150	M130B	Z	-.206	-.206	0	%100
151	M133A	X	-.356	-.356	0	%100
152	M133A	Z	-.206	-.206	0	%100
153	M136A	X	-.356	-.356	0	%100
154	M136A	Z	-.206	-.206	0	%100
155	M139	X	-.356	-.356	0	%100
156	M139	Z	-.206	-.206	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
1	M1	X	-.595	-.595	0	%100
2	M1	Z	-1.031	-1.031	0	%100
3	M2	X	-.595	-.595	0	%100
4	M2	Z	-1.031	-1.031	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	-.595	-.595	0	%100
10	M5	Z	-1.031	-1.031	0	%100
11	M6	X	-.595	-.595	0	%100
12	M6	Z	-1.031	-1.031	0	%100
13	M7	X	-.588	-.588	0	%100
14	M7	Z	-1.018	-1.018	0	%100
15	M8	X	0	0	0	%100
16	M8	Z	0	0	0	%100
17	M9	X	-.588	-.588	0	%100
18	M9	Z	-1.018	-1.018	0	%100
19	M13	X	0	0	0	%100
20	M13	Z	0	0	0	%100
21	M14A	X	-.034	-.034	0	%100
22	M14A	Z	-.058	-.058	0	%100
23	M18	X	-.034	-.034	0	%100
24	M18	Z	-.058	-.058	0	%100
25	M22	X	-.058	-.058	0	%100
26	M22	Z	-.101	-.101	0	%100
27	M23	X	-.234	-.234	0	%100
28	M23	Z	-.405	-.405	0	%100
29	M24	X	-.058	-.058	0	%100
30	M24	Z	-.101	-.101	0	%100
31	M25	X	-.448	-.448	0	%100
32	M25	Z	-.776	-.776	0	%100
33	M26	X	-.448	-.448	0	%100
34	M26	Z	-.776	-.776	0	%100
35	M27	X	0	0	0	%100
36	M27	Z	0	0	0	%100
37	M34	X	0	0	0	%100
38	M34	Z	0	0	0	%100
39	M35	X	-.234	-.234	0	%100
40	M35	Z	-.405	-.405	0	%100
41	M42	X	-.034	-.034	0	%100
42	M42	Z	-.058	-.058	0	%100
43	M43	X	-.058	-.058	0	%100
44	M43	Z	-.101	-.101	0	%100
45	M50	X	-.034	-.034	0	%100
46	M50	Z	-.058	-.058	0	%100
47	M51	X	-.058	-.058	0	%100
48	M51	Z	-.101	-.101	0	%100
49	M52	X	-.355	-.355	0	%100
50	M52	Z	-.615	-.615	0	%100
51	M53	X	-.355	-.355	0	%100
52	M53	Z	-.615	-.615	0	%100
53	M54	X	-.261	-.261	0	%100
54	M54	Z	-.453	-.453	0	%100
55	M55	X	-.355	-.355	0	%100
56	M55	Z	-.615	-.615	0	%100
57	M56	X	-.355	-.355	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
58	M56	Z	-.615	-.615	0	%100
59	M57	X	-.344	-.344	0	%100
60	M57	Z	-.596	-.596	0	%100
61	M58	X	-.344	-.344	0	%100
62	M58	Z	-.596	-.596	0	%100
63	M59	X	-.355	-.355	0	%100
64	M59	Z	-.615	-.615	0	%100
65	M60	X	-.355	-.355	0	%100
66	M60	Z	-.615	-.615	0	%100
67	M61	X	0	0	0	%100
68	M61	Z	0	0	0	%100
69	M62	X	-.355	-.355	0	%100
70	M62	Z	-.615	-.615	0	%100
71	M63	X	-.355	-.355	0	%100
72	M63	Z	-.615	-.615	0	%100
73	M64	X	-.181	-.181	0	%100
74	M64	Z	-.314	-.314	0	%100
75	M65	X	-.181	-.181	0	%100
76	M65	Z	-.314	-.314	0	%100
77	M66	X	-.355	-.355	0	%100
78	M66	Z	-.615	-.615	0	%100
79	M67	X	-.355	-.355	0	%100
80	M67	Z	-.615	-.615	0	%100
81	M68	X	-.261	-.261	0	%100
82	M68	Z	-.453	-.453	0	%100
83	M69	X	-.355	-.355	0	%100
84	M69	Z	-.615	-.615	0	%100
85	M70	X	-.355	-.355	0	%100
86	M70	Z	-.615	-.615	0	%100
87	M71	X	-.344	-.344	0	%100
88	M71	Z	-.596	-.596	0	%100
89	M72	X	-.344	-.344	0	%100
90	M72	Z	-.596	-.596	0	%100
91	M73	X	-.14	-.14	0	%100
92	M73	Z	-.243	-.243	0	%100
93	M74	X	-.14	-.14	0	%100
94	M74	Z	-.243	-.243	0	%100
95	M79	X	0	0	0	%100
96	M79	Z	0	0	0	%100
97	M80	X	0	0	0	%100
98	M80	Z	0	0	0	%100
99	M85	X	-.14	-.14	0	%100
100	M85	Z	-.243	-.243	0	%100
101	M86	X	-.14	-.14	0	%100
102	M86	Z	-.243	-.243	0	%100
103	MP3A	X	-.284	-.284	0	%100
104	MP3A	Z	-.492	-.492	0	%100
105	MP4A	X	-.284	-.284	0	%100
106	MP4A	Z	-.492	-.492	0	%100
107	MP1A	X	-.284	-.284	0	%100
108	MP1A	Z	-.492	-.492	0	%100
109	MP4C	X	-.284	-.284	0	%100
110	MP4C	Z	-.492	-.492	0	%100
111	MP1C	X	-.284	-.284	0	%100
112	MP1C	Z	-.492	-.492	0	%100
113	MP4B	X	-.284	-.284	0	%100
114	MP4B	Z	-.492	-.492	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
115	MP1B	X	-.284	-.284	0	%100
116	MP1B	Z	-.492	-.492	0	%100
117	M127	X	-.522	-.522	0	%100
118	M127	Z	-.903	-.903	0	%100
119	M128	X	-.161	-.161	0	%100
120	M128	Z	-.279	-.279	0	%100
121	M129	X	-.398	-.398	0	%100
122	M129	Z	-.69	-.69	0	%100
123	M130	X	-.398	-.398	0	%100
124	M130	Z	-.69	-.69	0	%100
125	M131	X	-.021	-.021	0	%100
126	M131	Z	-.036	-.036	0	%100
127	M132	X	-.021	-.021	0	%100
128	M132	Z	-.036	-.036	0	%100
129	M133	X	-.021	-.021	0	%100
130	M133	Z	-.036	-.036	0	%100
131	M134	X	-.021	-.021	0	%100
132	M134	Z	-.036	-.036	0	%100
133	M135	X	-.021	-.021	0	%100
134	M135	Z	-.036	-.036	0	%100
135	MP2A	X	-.284	-.284	0	%100
136	MP2A	Z	-.492	-.492	0	%100
137	MP3C	X	-.284	-.284	0	%100
138	MP3C	Z	-.492	-.492	0	%100
139	MP3B	X	-.284	-.284	0	%100
140	MP3B	Z	-.492	-.492	0	%100
141	MP5C	X	-.206	-.206	0	%100
142	MP5C	Z	-.356	-.356	0	%100
143	MP2C	X	-.284	-.284	0	%100
144	MP2C	Z	-.492	-.492	0	%100
145	MP2B	X	-.284	-.284	0	%100
146	MP2B	Z	-.492	-.492	0	%100
147	M127A	X	-.206	-.206	0	%100
148	M127A	Z	-.356	-.356	0	%100
149	M130B	X	-.206	-.206	0	%100
150	M130B	Z	-.356	-.356	0	%100
151	M133A	X	-.206	-.206	0	%100
152	M133A	Z	-.356	-.356	0	%100
153	M136A	X	-.206	-.206	0	%100
154	M136A	Z	-.356	-.356	0	%100
155	M139	X	-.206	-.206	0	%100
156	M139	Z	-.356	-.356	0	%100

Member Distributed Loads (BLC 81 : BLC 39 Transient Area Loads)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
1	M1	Y	-.607	-2.149	0	11.52
2	M1	Y	-2.149	-4.649	11.52	23.04
3	M1	Y	-4.649	-6.249	23.04	34.56
4	M1	Y	-6.249	-4.412	34.56	46.08
5	M1	Y	-4.412	-.996	46.08	57.6
6	M6	Y	-2.467	-3.178	0	12.8
7	M6	Y	-3.178	-4.8	12.8	25.6
8	M6	Y	-4.8	-6.006	25.6	38.4
9	M6	Y	-6.006	-3.63	38.4	51.2
10	M6	Y	-3.63	-.152	51.2	64
11	M8	Y	-1.045	-6.071	0	18.36

Member Distributed Loads (BLC 81 : BLC 39 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
12	M8	Y	-6.071	-5.961	18.36	36.719
13	M8	Y	-5.961	-.836	36.719	55.079
14	M2	Y	-.996	-4.419	6.4	17.92
15	M2	Y	-4.419	-6.261	17.92	29.44
16	M2	Y	-6.261	-4.658	29.44	40.96
17	M2	Y	-4.658	-2.152	40.96	52.48
18	M2	Y	-2.152	-.609	52.48	64
19	M3	Y	-.151	-3.633	0	12.8
20	M3	Y	-3.633	-6.006	12.8	25.6
21	M3	Y	-6.006	-4.793	25.6	38.4
22	M3	Y	-4.793	-3.175	38.4	51.2
23	M3	Y	-3.175	-2.467	51.2	64
24	M9	Y	-.834	-5.952	6.12	24.48
25	M9	Y	-5.952	-6.064	24.48	42.839
26	M9	Y	-6.064	-1.049	42.839	61.199
27	M4	Y	-3.551	-2.874	0	16
28	M4	Y	-2.874	-2.961	16	32
29	M4	Y	-2.961	-2.677	32	48
30	M4	Y	-2.677	-1.257	48	64
31	M5	Y	-.464	-2.63	0	11.52
32	M5	Y	-2.63	-2.567	11.52	23.04
33	M5	Y	-2.567	-1.75	23.04	34.56
34	M5	Y	-1.75	-1.995	34.56	46.08
35	M5	Y	-1.995	-1.826	46.08	57.6
36	M7	Y	-.691	-3.36	0	16.32
37	M7	Y	-3.36	-5.081	16.32	32.64
38	M7	Y	-5.081	-5.853	32.64	48.959
39	M127	Y	-2.311	-3.019	0	6.928
40	M127	Y	-3.019	-4.974	6.928	13.856
41	M127	Y	-4.974	-6.331	13.856	20.785
42	M127	Y	-6.331	-4.365	20.785	27.713
43	M127	Y	-4.365	-.923	27.713	34.641
44	M128	Y	-5.995	-5.995	4.218	15.57

Member Distributed Loads (BLC 82 : BLC 40 Transient Area Loads)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
1	M1	Y	-1.142	-4.041	0	11.52
2	M1	Y	-4.041	-8.742	11.52	23.04
3	M1	Y	-8.742	-11.751	23.04	34.56
4	M1	Y	-11.751	-8.296	34.56	46.08
5	M1	Y	-8.296	-1.872	46.08	57.6
6	M6	Y	-4.639	-5.976	0	12.8
7	M6	Y	-5.976	-9.026	12.8	25.6
8	M6	Y	-9.026	-11.294	25.6	38.4
9	M6	Y	-11.294	-6.825	38.4	51.2
10	M6	Y	-6.825	-.285	51.2	64
11	M8	Y	-1.966	-11.416	0	18.36
12	M8	Y	-11.416	-11.208	18.36	36.719
13	M8	Y	-11.208	-1.571	36.719	55.079
14	M2	Y	-1.874	-8.309	6.4	17.92
15	M2	Y	-8.309	-11.772	17.92	29.44
16	M2	Y	-11.772	-8.758	29.44	40.96
17	M2	Y	-8.758	-4.047	40.96	52.48
18	M2	Y	-4.047	-1.146	52.48	64
19	M3	Y	-.285	-6.831	0	12.8
20	M3	Y	-6.831	-11.293	12.8	25.6

Member Distributed Loads (BLC 82 : BLC 40 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[in,%]	End Location[in,%]
21	M3	Y	-11.293	-9.013	25.6	38.4
22	M3	Y	-9.013	-5.971	38.4	51.2
23	M3	Y	-5.971	-4.638	51.2	64
24	M9	Y	-1.569	-11.193	6.12	24.48
25	M9	Y	-11.193	-11.402	24.48	42.839
26	M9	Y	-11.402	-1.972	42.839	61.199
27	M4	Y	-6.677	-5.405	0	16
28	M4	Y	-5.405	-5.568	16	32
29	M4	Y	-5.568	-5.033	32	48
30	M4	Y	-5.033	-2.364	48	64
31	M5	Y	-.872	-4.946	0	11.52
32	M5	Y	-4.946	-4.827	11.52	23.04
33	M5	Y	-4.827	-3.29	23.04	34.56
34	M5	Y	-3.29	-3.751	34.56	46.08
35	M5	Y	-3.751	-3.433	46.08	57.6
36	M7	Y	-1.3	-6.319	0	16.32
37	M7	Y	-6.319	-9.554	16.32	32.64
38	M7	Y	-9.554	-11.006	32.64	48.959
39	M127	Y	-4.345	-5.677	0	6.928
40	M127	Y	-5.677	-9.353	6.928	13.856
41	M127	Y	-9.353	-11.904	13.856	20.785
42	M127	Y	-11.904	-8.208	20.785	27.713
43	M127	Y	-8.208	-1.736	27.713	34.641
44	M128	Y	-11.274	-11.274	4.218	15.57

Member Area Loads (BLC 39 : Structure D)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N11A	N12A	N15	N20	Y	Two Way	-.005
2	N13	N14	N22	N23	Y	Two Way	-.005
3	N12	N11	N30	N29	Y	Two Way	-.005

Member Area Loads (BLC 40 : Structure Di)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N11A	N12A	N15	N20	Y	Two Way	-.01
2	N13	N14	N22	N23	Y	Two Way	-.01
3	N12	N11	N30	N29	Y	Two Way	-.01

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	N8	max	3.855	12	404.231	7	1271.749	7	0	51	0	51	0	51
2		min	-3.855	2	-5675.764	13	-1272.788	1	0	1	0	1	0	1
3	N72	max	2458.185	11	6460.82	3	803.731	12	0	51	0	51	0	51
4		min	-2426.915	5	-3258.257	9	-779.374	6	0	1	0	1	0	1
5	N73	max	2549.015	9	6870.191	11	1349.497	1	0	51	0	51	0	51
6		min	-2591.452	3	-3341.293	5	-1404.598	7	0	1	0	1	0	1
7	N74	max	1024.546	3	405.313	3	576.583	9	0	51	0	51	0	51
8		min	-998.672	9	-5449.385	21	-591.522	3	0	1	0	1	0	1
9	N75A	max	601.699	1	6768.529	11	2515.491	2	0	51	0	51	0	51
10		min	-607.991	7	-3486.65	5	-2525.228	8	0	1	0	1	0	1
11	N76A	max	1814.171	10	6655.831	7	1898.05	11	0	51	0	51	0	51
12		min	-1839.453	4	-3562.602	1	-1837.137	5	0	1	0	1	0	1
13	N77A	max	971.042	5	571.918	11	560.632	5	0	51	0	51	0	51
14		min	-989.543	11	-5461.307	17	-571.313	11	0	1	0	1	0	1

Envelope Joint Reactions (Continued)

	Joint		X [lb]	LC	Y [lb]	LC	Z [lb]	LC	MX [k-ft]	LC	MY [k-ft]	LC	MZ [k-ft]	LC
15	N78A	max	1892.662	10	6621.262	7	1749.249	3	0	51	0	51	0	51
16		min	-1919.325	4	-3673.459	1	-1733.706	9	0	1	0	1	0	1
17	N79A	max	859.056	8	6537.022	3	2393.198	12	0	51	0	51	0	51
18		min	-798.132	2	-3133.127	9	-2392.858	6	0	1	0	1	0	1
19	Totals:	max	5853.559	10	6811.938	24	5943.691	1						
20		min	-5853.558	4	3105.6	6	-5943.692	7						

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

	Member	Shape	Code Check	Loc[in]	LC	Shear C...	Lo...	Dir	LC	phi*Pn...	phi*...	phi*...	phi*...	...	Eqn
1	M1	C5X6.7	.414	61.333	6	.307	48	y	17	25851....	63828	1.604	9.585	...	H1-...
2	M2	C5X6.7	.402	2.667	8	.174	0	z	10	25851....	63828	1.604	9.585	...	H1-...
3	M3	C5X6.7	.408	61.333	1	.298	48	y	17	25851....	63828	1.604	9.585	...	H1-...
4	M4	C5X6.7	.406	2.667	4	.174	0	z	6	25851....	63828	1.604	9.585	...	H1-...
5	M5	C5X6.7	.404	61.333	9	.316	48	y	21	25851....	63828	1.604	9.585	...	H1-...
6	M6	C5X6.7	.375	2.667	12	.177	0	z	2	25851....	63828	1.604	9.585	...	H1-...
7	M7	C5X6.7	.453	25.5	12	.300	26...	y	11	27931....	63828	1.604	9.585	...	H1-...
8	M8	C5X6.7	.427	25.5	8	.290	35...	y	11	27931....	63828	1.604	9.585	...	H1-...
9	M9	C5X6.7	.430	25.5	4	.283	35...	y	7	27931....	63828	1.604	9.585	...	H1-...
10	M13	PL3/8X8	.027	0	1	.016	4	y	1	72912....	97200	.759	16.2	...	H1-...
11	M14A	PL3/8X8	.026	0	9	.020	0	y	46	72912....	97200	.759	16.2	...	H1-...
12	M18	PL3/8X8	.026	8	4	.012	4	y	5	72912....	97200	.759	16.2	...	H1-...
13	M22	C6X8.2	.095	6.937	17	.031	9	z	5	72974....	77436	2.108	13.932	...	H1-...
14	M23	C6X8.2	.093	6.937	13	.028	9	y	12	72974....	77436	2.108	13.932	...	H1-...
15	M24	C6X8.2	.208	6.937	46	.061	9	z	38	72974....	77436	2.108	13.932	...	H1-...
16	M25	L3X3X6	.325	76.25	5	.125	77.5	z	15	11174....	68364	2.307	4.807	...	H2-1
17	M26	L3X3X6	.340	76.25	1	.140	77.5	z	23	11174....	68364	2.307	4.818	...	H2-1
18	M27	L3X3X6	.308	76.25	9	.148	77.5	z	19	11174....	68364	2.307	4.831	...	H2-1
19	M34	PL3/8X8	.035	8	8	.018	8	y	7	72912....	97200	.759	16.2	...	H1-...
20	M35	C6X8.2	.122	3.562	7	.033	3....	y	12	72974....	77436	2.108	13.932	...	H1-...
21	M42	PL3/8X8	.035	8	5	.017	8	y	3	72912....	97200	.759	16.2	...	H1-...
22	M43	C6X8.2	.153	3.562	42	.038	9	z	41	72974....	77436	2.108	13.932	...	H1-...
23	M50	PL3/8X8	.037	8	12	.017	8	y	12	72912....	97200	.759	16.2	...	H1-...
24	M51	C6X8.2	.126	3.563	11	.032	3....	y	4	72974....	77436	2.108	13.932	...	H1-...
25	M52	L1.75X1.75X4	.157	0	12	.023	18.5	y	1	14182....	26325	.513	1.177	...	H2-1
26	M53	L1.75X1.75X4	.107	0	9	.019	0	z	1	14182....	26325	.513	1.177	...	H2-1
27	M54	L1.75X1.75X4	.085	0	3	.008	0	z	5	15136....	26325	.513	1.177	...	H2-1
28	M55	L1.75X1.75X4	.077	0	2	.015	0	y	2	14182....	26325	.513	1.177	...	H2-1
29	M56	L1.75X1.75X4	.086	0	5	.016	0	z	6	14182....	26325	.513	1.177	...	H2-1
30	M57	L1.75X1.75X4	.507	28.571	6	.010	0	y	10	7107.5...	26325	.513	1.071	...	H2-1
31	M58	L1.75X1.75X4	.467	36	8	.007	0	z	4	7107.5...	26325	.513	1.1	...	H2-1
32	M59	L1.75X1.75X4	.140	0	22	.021	18.5	z	10	14182....	26325	.513	1.177	...	H2-1
33	M60	L1.75X1.75X4	.136	0	10	.020	0	y	3	14182....	26325	.513	1.177	...	H2-1
34	M61	L1.75X1.75X4	.094	0	11	.009	0	z	12	15136....	26325	.513	1.177	...	H2-1
35	M62	L1.75X1.75X4	.090	0	10	.017	0	z	10	14182....	26325	.513	1.177	...	H2-1
36	M63	L1.75X1.75X4	.102	0	1	.015	0	z	2	14182....	26325	.513	1.177	...	H2-1
37	M64	L1.75X1.75X4	.498	26.285	2	.009	0	y	6	7107.5...	26325	.513	1.065	...	H2-1
38	M65	L1.75X1.75X4	.468	35.428	4	.007	0	z	11	7107.5...	26325	.513	1.099	...	H2-1
39	M66	L1.75X1.75X4	.182	0	5	.022	18.5	z	11	14182....	26325	.513	1.177	...	H2-1
40	M67	L1.75X1.75X4	.119	0	6	.021	18.5	z	11	14182....	26325	.513	1.177	...	H2-1
41	M68	L1.75X1.75X4	.089	0	7	.009	35	z	3	15136....	26325	.513	1.177	...	H2-1
42	M69	L1.75X1.75X4	.097	0	6	.016	0	y	12	14182....	26325	.513	1.177	...	H2-1
43	M70	L1.75X1.75X4	.087	0	10	.017	0	y	5	14182....	26325	.513	1.177	...	H2-1
44	M71	L1.75X1.75X4	.486	31.428	10	.009	0	y	2	7107.5...	26325	.513	1.084	...	H2-1
45	M72	L1.75X1.75X4	.501	34.857	12	.006	0	z	8	7107.5...	26325	.513	1.093	...	H2-1
46	M73	HSS2X2X3	.100	9	12	.044	9	z	8	47312....	49266	2.75	2.75	...	H1-...

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

	Member	Shape	Code Check	Loc[in]	LC	Shear C...	Lo...	Dir	LC	phi*Pn...	phi*...	phi*...	phi*...	...	Eqn
47	M74	HSS2X2X3	.105	9	8	.051	9	y	5	47312....	49266	2.75	2.75	...	H1-...
48	M79	HSS2X2X3	.093	9	8	.043	9	z	4	47312....	49266	2.75	2.75	...	H1-...
49	M80	HSS2X2X3	.103	9	4	.047	9	y	1	47312....	49266	2.75	2.75	...	H1-...
50	M85	HSS2X2X3	.093	9	5	.060	9	y	37	47312....	49266	2.75	2.75	...	H1-...
51	M86	HSS2X2X3	.105	9	12	.082	9	y	39	47312....	49266	2.75	2.75	...	H1-...
52	MP3A	PIPE_2.0	.264	57.5	1	.141	58...		4	18857....	32130	1.872	1.872	...	H1-...
53	MP4A	PIPE_2.0	.067	62.5	1	.064	20...		6	18857....	32130	1.872	1.872	...	H1-...
54	MP1A	PIPE_2.0	.104	62.5	37	.051	62.5		8	18857....	32130	1.872	1.872	...	H1-...
55	MP4C	PIPE_2.0	.065	62.5	9	.062	20...		2	18857....	32130	1.872	1.872	...	H1-...
56	MP1C	PIPE_2.0	.076	62.5	9	.056	62.5		4	18857....	32130	1.872	1.872	...	H1-...
57	MP4B	PIPE_2.0	.070	62.5	5	.066	20...		10	18857....	32130	1.872	1.872	...	H1-...
58	MP1B	PIPE_2.0	.069	62.5	5	.054	62.5		12	18857....	32130	1.872	1.872	...	H1-...
59	M127	C5X6.7	.126	7.939	12	.072	7....	z	24	48979....	63828	1.604	9.585	...	H1-...
60	M128	C5X6.7	.161	0	4	.051	3....	z	4	56795....	63828	1.604	9.585	...	H1-...
61	M129	L2x2x4	.084	24.375	1	.006	24...	y	12	8872.1...	3058..	.691	1.558	...	H2-1
62	M130	L2x2x4	.078	35.625	7	.004	35...	z	4	8872.1...	3058..	.691	1.54	...	H2-1
63	M131	SR_0.75	.006	8	16	.009	0		5	9756.1...	1431..	.179	.179	...	H1-...
64	M132	SR_0.75	.007	8	16	.009	0		16	9756.1...	1431..	.179	.179	...	H1-...
65	M133	SR_0.75	.006	8	22	.016	0		2	9756.1...	1431..	.179	.179	...	H1-...
66	M134	SR_0.75	.006	8	16	.022	0		1	9756.1...	1431..	.179	.179	...	H1-...
67	M135	SR_0.75	.006	8	16	.024	0		1	9756.1...	1431..	.179	.179	...	H1-...
68	MP2A	PIPE_2.0	.081	20.833	12	.068	21...		2	18857....	32130	1.872	1.872	...	H1-...
69	MP3C	PIPE_2.0	.264	57.5	9	.141	58...		12	18857....	32130	1.872	1.872	...	H1-...
70	MP3B	PIPE_2.0	.264	57.5	5	.141	58...		8	18857....	32130	1.872	1.872	...	H1-...
71	MP5C	PIPE_2.0	.006	22	21	.013	12		12	30625....	32130	1.872	1.872	...	H1-...
72	MP2C	PIPE_2.0	.072	20.833	10	.069	21...		10	18857....	32130	1.872	1.872	...	H1-...
73	MP2B	PIPE_2.0	.081	20.833	6	.071	21...		6	18857....	32130	1.872	1.872	...	H1-...
74	M127A	PIPE_2.0	.007	22	9	.027	12		5	30625....	32130	1.872	1.872	...	H1-...
75	M130B	PIPE_2.0	.006	22	5	.011	12		1	30625....	32130	1.872	1.872	...	H1-...
76	M133A	PIPE_2.0	.008	22	5	.031	12		9	30625....	32130	1.872	1.872	...	H1-...
77	M136A	PIPE_2.0	.006	22	1	.011	12		11	30625....	32130	1.872	1.872	...	H1-...
78	M139	PIPE_2.0	.008	22	1	.031	12		9	30625....	32130	1.872	1.872	...	H1-...

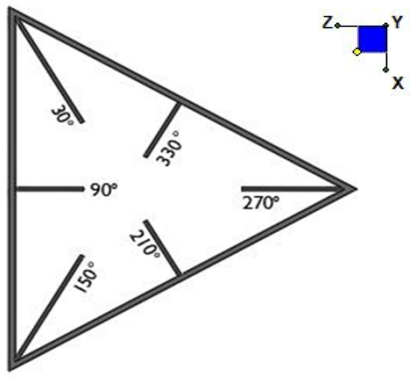
Client:	Verizon	Date:	2/10/2021
Site Name:	Stratford CT		
Project No.	20777264A		
Title:	Antenna Mount Analysis	Page:	1

Version 3.1

I. Mount-to-Tower Connection Check

RISA Model Data

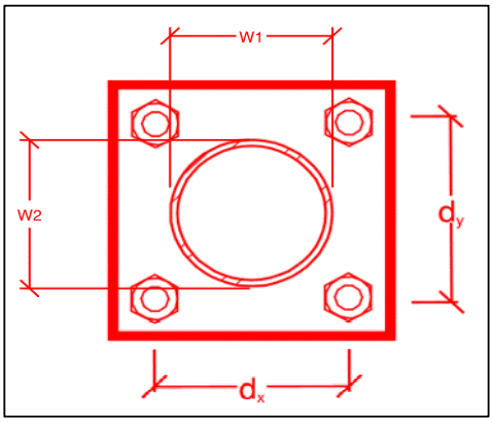
Nodes *(labeled per RISA)*	Orientation *(per graphic of typical platform)*
N73	270
N8	270
N72	270
N75A	30
N74	30
N76A	30
N78A	150
N77A	150
N79A	150



TYPICAL PLATFORM

Tower Connection Bolt Checks

Any moment resistance?:	no
Bolt Quantity per Reaction:	1
d_x (in) *(Delta X of typ. bolt config. sketch)* :	
d_y (in) *(Delta Y of typ. bolt config. sketch)* :	
Bolt Type:	A307
Bolt Diameter (in):	0.75
Required Tensile Strength (kips):	1.4
Required Shear Strength (kips):	6.9
Tensile Strength / bolt (kips):	14.4
Shear Strength / bolt (kips):	8.6
Tensile Capacity Overall:	**9.7%***
Shear Capacity Overall:	**79.8%**



**Note: Tension reduction not required if tension or shear capacity < 30%*

Mount Desktop – Post Modification Inspection (PMI) Report Requirements

Documents & Photos Required from Contractor – Passing Mount Analysis

Purpose – to provide Maser Consulting Connecticut 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:

- Any special photos outside of the standard requirements will be indicated on the passing MA
- Verification that loading is as communicated in the Passing Mount Analysis. NOTE If loading is different than what is conveyed contact Maser Consulting Connecticut immediately.
- Each photo should be time and date stamped
- Photos should be high resolution and submitted in a Zip File and should be organized in the file structure as depicted in Schedule A attached.
- 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.
- The photos in the file structure should be uploaded to **GDulnik@maserconsulting.com** as depicted on the drawings

Photo Requirements:

- *Base and "During Installation Photos"*
  - Base pictures include
    - Photo of Gate Signs showing the tower owner, site name, and number
    - Photo of carrier shelter showing the carrier site name and number if available
    - Photos of the galvanizing compound and/or paint used (if applicable), clearly showing the label and name
  - "During Installation Photos if provided - must be placed only in this folder
- *Photos taken at ground level*
  - Overall tower structure before and after installation of the equipment modifications
  - Photos of the appropriate mount before and after installation of the modifications; if the mounts are at different rad elevations, pictures must be provided for all elevations that the modifications were installed
- *Photos taken at Mount Elevation*
  - Photos showing each individual sector before and also after installation of equipment.
    - These photos should also certify that the placement and geometry of the equipment on the mount is as depicted on the sketch and table in the mount analysis

- Photos showing the safety climb wire rope above and below the mount prior to modification.
- Photos showing the climbing facility and safety climb if present.

Antenna & equipment placement and Geometry Confirmation:

- The contractor must certify that the antenna & equipment placement and geometry is in accordance with the antenna placement diagrams as included in this mount analysis.

☐ The contractor certifies that the photos support and the equipment on the mount is as depicted on the antenna placement diagrams as included in this mount analysis.

☐ The contractor notes that the equipment on the mount is not in accordance with the antenna placement diagrams and has accordingly marked up the diagrams or provided a diagram outlining the differences.

Certifying Individual: Company _____

Name _____

Signature _____

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

Issue:

Response:

Schedule A – Photo & Document File Structure

- VzW Site Number / Name
  - Base & "During Installation" Photos
  - Pre-Installation Photos
    - Alpha
    - Beta
    - Gamma
    - Ground Level
    - Tape Drop
  - Post-Installation Photos
    - Alpha
    - Beta
    - Gamma
    - Ground Level
    - Tape Drop
    - Photos of climbing facility and safety climb – If Present
  - Certifications – Submission of this document including certifications
  - Specific Required Additional Photos

Structure: 692 -VZ - Stratford CT

Sector: **A**

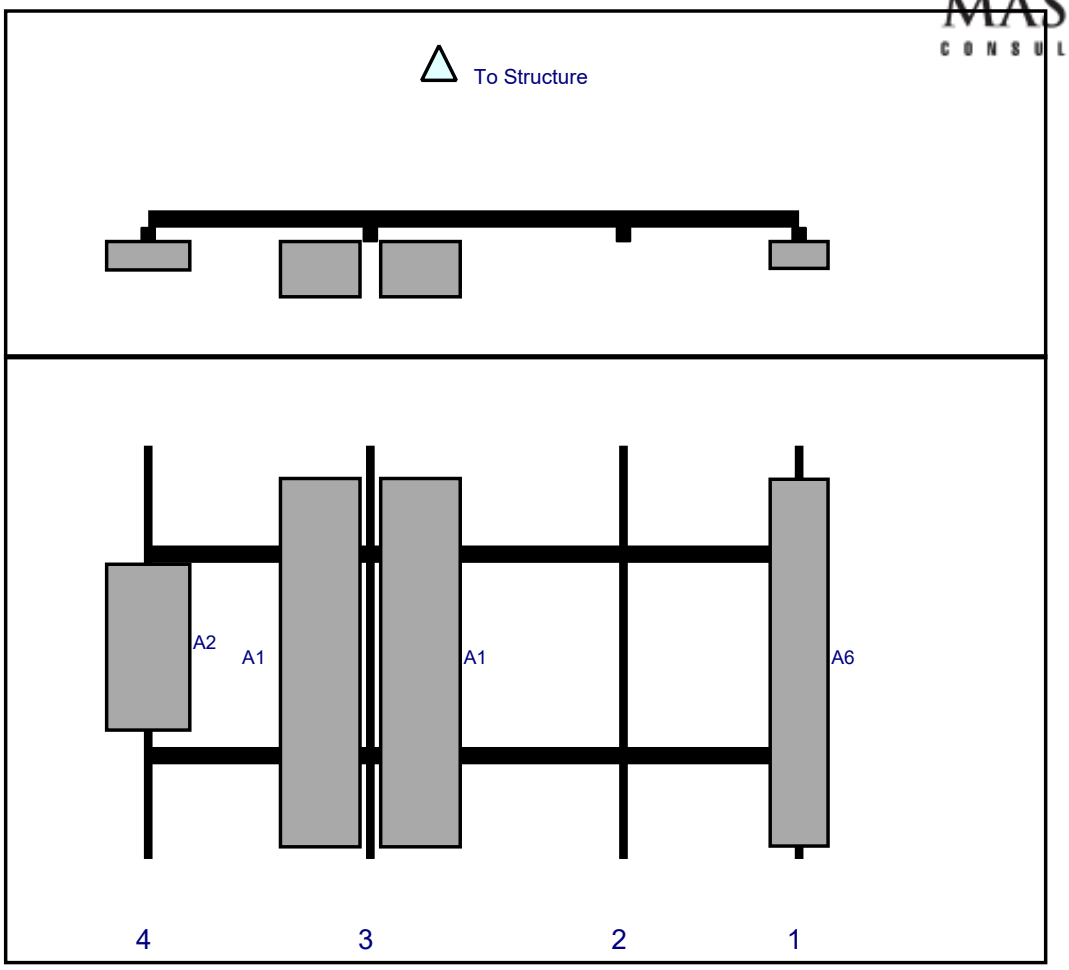
Structure Type: Monopole

Mount Elev: 82.00

2/10/2021

Page: 1

Plan Vie

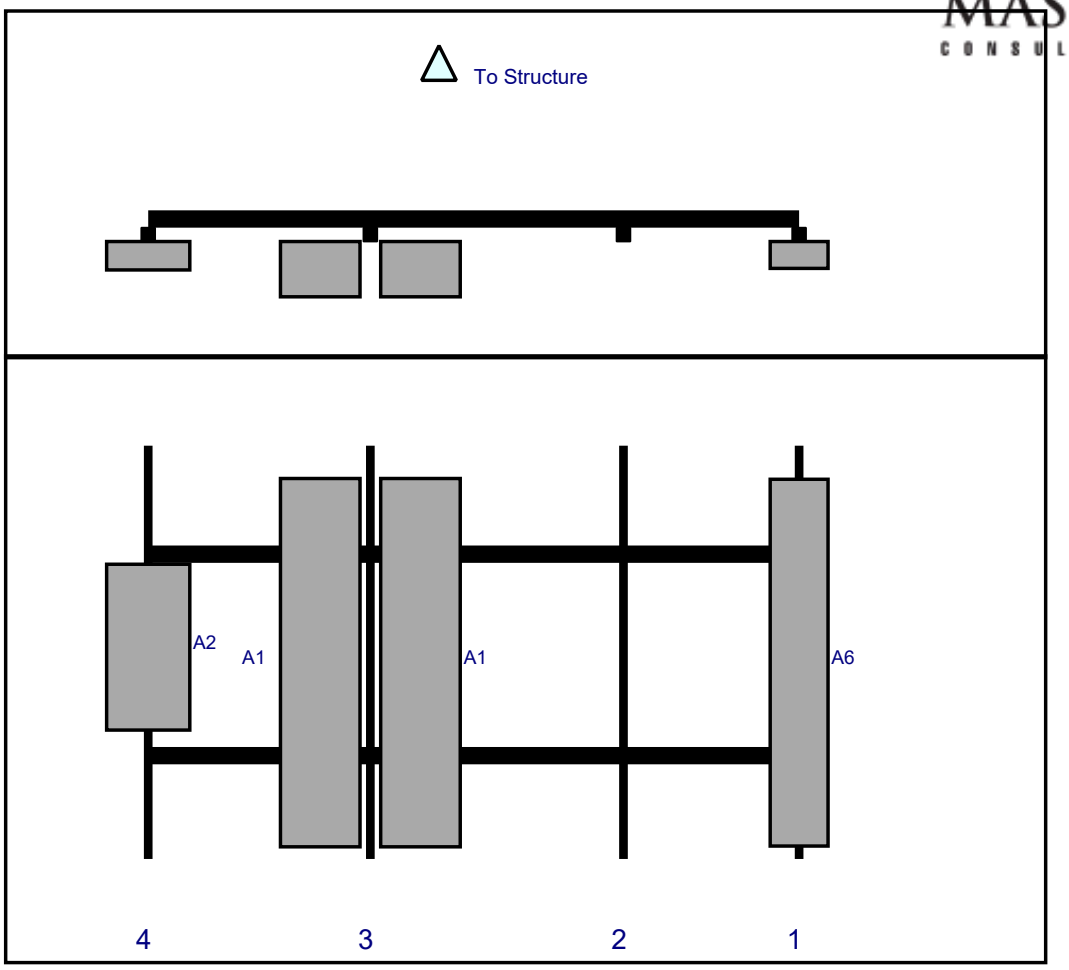


Front Vie
Loo ing at Structure

Ref	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
A6	BXA-70063-6CF	71	11.2	126	1	a	Front	42	0	Retained	10/28/2020
A1	MX06FRO660-03	71.3	15.4	43	3	a	Front	42	9.7	Added	
A1	MX06FRO660-03	71.3	15.4	43	3	b	Front	42	-9.7	Added	
A2	VZS01	32.1	16.1	0	4	a	Front	39	0	Added	

Plan Vie

Front Vie
Loo ing at Structure



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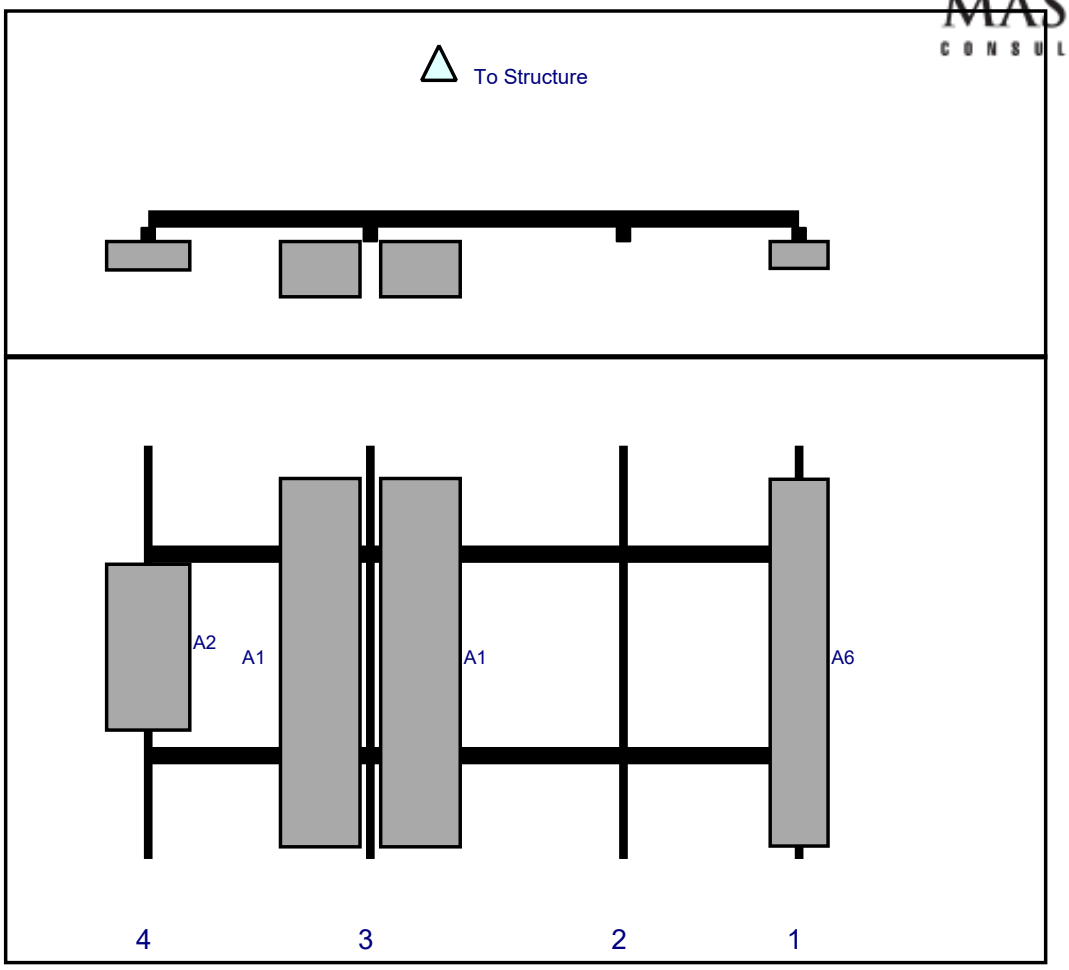
A2	VZS01	32.1	16.1	0	4	a	Front	39	0	Added	

Plan Vie

Front Vie
Loo ing at Structure



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A1	MX06FRO660-03	71.3	15.4	43	3	b	Front	42	-9.7	Added	
A2	VZS01	32.1	16.1	0	4	a	Front	39	0	Added	

Maser Consulting Connecticut

Subject	TIA-222-H Usage
Site Information	Site ID: 469274-VZW Site Name: Stratford CT Carrier Name: Verizon Wireless Address: 627 Honeyspot Rd., Stratford, CT 06497 Latitude: 41.176886° Longitude: -73.146160°
Structure Information	Tower Type: 110-Ft Monopole Mount Type: 10.5-Ft Platform

To Whom It May Concern,

We respectfully submit the above referenced Antenna Mount Structural Analysis report in conformance with ANSI/TIA-222-H, Structural Standard for Antenna Supporting Structures and Antennas and Small Wind Turbine Support Structures.

The 2015 International Building Code states that, in Section 3108, telecommunication towers shall be designed and constructed in accordance with the provisions of TIA-222. The TIA-222-H is the latest revision of the TIA-222 Standard, effective as of January 01, 2018.

As with all ANSI standards and engineering best practice is to apply the most current revision of the standard. This ensures the engineer is applying all updates. As an example, the TIA-222-H standard includes updates to bring it in line with the latest AISC and ACI standards and it also incorporates the latest wind speed maps by ASCE 7 based on updated studies of the wind data.

The TIA-222-H standard clarifies these specific requirements for the antenna mount analysis such as modeling methods, seismic analysis, 30-degree increment wind directions and maintenance loading. Therefore, it is our opinion that TIA-222-H is the most appropriate standard for antenna mount structural analysis and is acceptable for use at this tower site to ensure the engineer is taking into account the most current engineering standard available.

Sincerely,

Dejian Xu

Dejian Xu, PE
Technical Specialist

PAUL J. FORD & COMPANY

Report Date: February 4, 2021

Client: On Air Engineering, LLC
88 Foundry Pond road
Cold Spring, NY 10516
Attn: David Weinpahl, P.E.
(201) 456-4624
dweinpahl@onaireng.com

Structure: Existing 102.92-ft Monopole
Verizon Site Name: Stratford CT
Site Address: 623-627 Honeyspot Rd.
City, County, State: Stratford, Fairfield County, CT
Latitude, Longitude: 41.176886, -73.14616

PJF Project: 42920-0011.001.7805

Paul J. Ford and Company is pleased to submit this **Structural Analysis Report** to determine the tower stress level.

Analysis Criteria:
This analysis utilizes an ultimate 3-second gust wind speed of 125 mph (converted to an equivalent 96.8 mph nominal 3-second gust wind speed per Section 1609.3.1 for use with TIA-222 G) as required by the 2015 International Building Code. Applicable Standard references and design criteria are listed in Section 2 - Analysis Criteria.

Proposed Appurtenance Loads:
The structure was analyzed with the proposed loading configuration shown in Table 1 combined with the other considered equipment shown in Table 2 of this report.

Summary of Analysis Results:

Existing Structure:	Pass	96.0%
Existing Foundation:	Pass	70.6%

We at Paul J. Ford and Company appreciate the opportunity of providing our continuing professional services to you and On Air Engineering, LLC. If you have any questions or need further assistance on this or any other projects, please give us a call.

Respectfully Submitted by:
Paul J. Ford and Company

Seth Tschanen, P.E.
Project Engineer
stschanen@pauljford.com

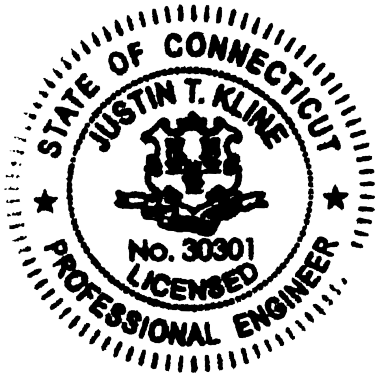


TABLE OF CONTENTS

1) INTRODUCTION

This tower is a 102.92 ft Monopole tower designed by EEI.

2) ANALYSIS CRITERIA

TIA-222 Revision:	TIA-222-G
Risk Category:	II
Wind Speed:	125 mph
Exposure Category:	C
Topographic Factor:	1
Ice Thickness:	0.75 in
Wind Speed with Ice:	50 mph
Service Wind Speed:	60 mph

Table 1 - Proposed Equipment Configuration

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)	Note
82.0	82.0	3	amphenol	BXA-70063-6CF-EDIN-X w/ Mount Pipe	2 6	1 5/8 7/8	1
		6	jma wireless	MX06FRO660-03 w/ Mount Pipe			
		1	pole mounts	8-ft Ladder			
		1	pole mounts	Rohn 14' Platform			
		2	rfs celwave	DB-B1-6C-12AB-0Z			
		3	samsung telecommunications	B2/B66a RRH-BR049			
		3	samsung telecommunications	B5/B13 RRH-BR04C			
		3	samsung telecommunications	VZS01 Antenna w/ Mount Pipe			

Notes:
1) Coax mounted internally and shielded from the wind
2) Coax mounted externally and exposed to the wind

Table 2 - Other Considered Equipment

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)	Note
101.0	101.0	3	tower mounts	5' Sector Frame T-Arm Mount	--	--	--
90.0	90.0	6	cci antennas	TPX-070821	12	7/8	1
		3	ericsson	RRUS 11 B12			
		3	ericsson	RRUS 32			
		3	ericsson	RRUS 32 B2			
		3	ericsson	RRUS 4426 B66			
		3	ericsson	RRUS 4478 B14			
		6	kaelus	DBC0061F1V51-2			
		3	kathrein	80010965 w/ Mount Pipe			
		3	kmw communications	AM-X-CD-16-65-00T-RET w/ Mount Pipe			
		1	pole mounts	8-ft Ladder			
		1	pole mounts	Rohn 14' Platform			
		3	powerwave technologies	7770 w/ Mount Pipe			
		6	powerwave technologies	LGP 17201			
		3	quintel technology	QS66512-2 w/ Mount Pipe			
		3	raycap	DC6-48-60-18-8F			
72.0	72.0	3	alcatel lucent	TD-RRH8x20-25	3 3 1 1 2	1 1/4 1/2 5/8 2 3/8	2
		1	miscl	Junction Box			
		1	pole mounts	14' T-Arm Mounts			
		3	rfs celwave	APXVSPP18-C w/ Mount Pipe			
		3	rfs celwave	APXVTM14-C-120 w/ Mount Pipe			
28.0	42.0	1	miscl	20' x 3" Omni	1 8	1 1/4 1/2	1
	36.0	2	miscl	10'x3" Dia Omni			
	34.0	3	miscl	10'x3" Dia Omni			
	30.0	1	gps	GPS_A			
	28.0	1	tower mounts	14' T-Arm Mount			
		2	tower mounts	5' Sector Frame T-Arm Mount			

Notes:
1) Coax mounted internally and shielded from the wind
2) Coax mounted externally and exposed to the wind

3) ANALYSIS PROCEDURE

Table 3 - Documents Provided

Document	Remarks	Reference	Date
Construction Drawings	On Air Engineering, LLC	Stratford CT	2/1/2021
RFDS	Verizon	324936	12/21/2020
Previous Structural Analysis	URS/Vertical Solutions	140008.01, Revision 0	1/27/2014
Previous Structural Analysis	Ramaker & Associates	27746	7/22/2014
Previous Structural Analysis	Destek Engineering	CT2112	5/20/2015
Previous Structural Analysis	Destek Engineering	CT2112, Revision 1	3/8/2016
Previous Structural Analysis	Centek Engineering	16001.32	9/7/2016
Previous Structural Analysis	Destek Engineering	CT2112, Revision 1	11/3/2016
Previous Structural Analysis	Maser Consulting	18963019A	10/19/2018
Mount Analysis	Maser Consulting	20777264A	11/13/2020
Manufacturer Drawings	Engineered Endeavors, Inc.	5553	9/10/1999
Foundation Drawings	Engineered Endeavors, Inc.	5553	10/19/1999
Geotechnical Report	Dr. Clarence Welti, P.E., P.C.	627 Honeyspot Road	9/8/1999
Modification Drawings	URS/Vertical Solutions	141069, Revision 0	9/16/2014
Modification Drawings	Ramaker & Associates	27746	5/7/2015

3.1) Analysis Method

tnxTower (version 8.0.7.5), a commercially available analysis software package, was used to create a three-dimensional model of the tower and calculate member stresses for various loading cases. Selected output from the analysis is included in Appendix A.

3.2) Assumptions

1) Tower and structures were maintained in accordance with the TIA-222 standard.
2) The configuration of antennas, transmission cables, mounts and other appurtenances are as specified in Tables 1 and 2 and the referenced drawings.
3) At the time of analysis, the referenced geotechnical report did not provide lateral values for the rock. Presumptive lateral bearing values were used per Table 1806.2 of the 2015 IBC for sedimentary and foliated rock increased by a factor of 2 per 1806.3.4 and converted to ultimate values.
4) The structure was modified in conformance with the referenced modification drawings.
5) The reinforcement from the referenced URS/Vertical Solutions modification drawings has been found to be ineffective and therefore, has not been considered structurally in this analysis. These elements have been considered for wind area only.

This analysis may be affected if any assumptions are not valid or have been made in error. Paul J. Ford and Company should be notified to determine the effect on the structural integrity of the tower.

4) ANALYSIS RESULTS

Table 4 - Section Capacity (Summary)

Section No.	Elevation (ft)	Component Type	Size	Critical Element	P (K)	SF*P_allow (K)	% Capacity	Pass / Fail
L1	102.92 - 90	Pole	TP13x13x0.25	1	-0.58	315.44	7.7	Pass
L2	90 - 45.08	Pole	TP26.7925x13x0.25	2	-16.27	1490.03	96.0	Pass
L3	45.08 - 0	Pole	TP40x25.1134x0.3125	3	-29.16	2727.07	84.5	Pass
							Summary	
						Pole (L2)	96.0	Pass
						Rating =	96.0	Pass

Table 5 - Tower Component Stresses vs. Capacity

Notes	Component	Elevation (ft)	% Capacity	Pass / Fail
1	Flange Connection	90	4.0	Pass
1	Anchor Rods	0	74.3	Pass
1	Base Plate	0	92.3	Pass
1	Base Foundation Structural	0	70.6	Pass
1	Base Foundation Soil Interaction	0	48.4	Pass

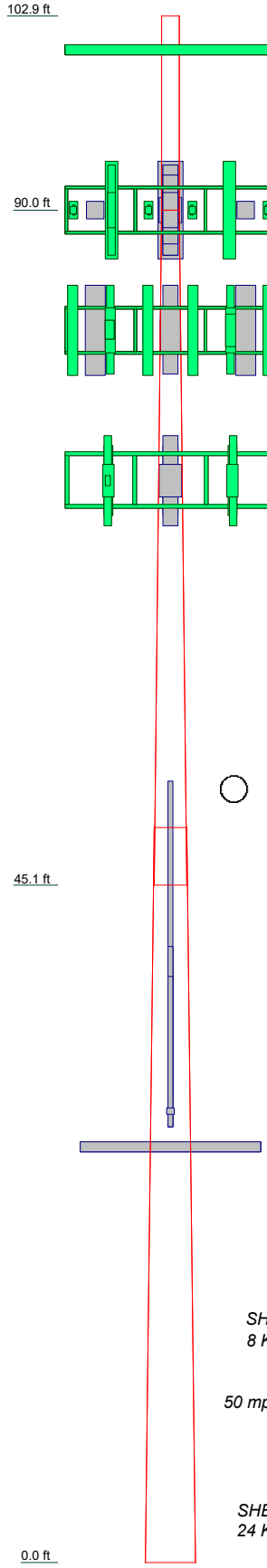
Structure Rating (max from all components) =	96%

Notes:
1) See additional documentation in Appendix C Additional Calculations for calculations supporting the capacity consumed.

4.1) Recommendations

The tower and its foundation have sufficient capacity to carry the proposed load configuration. No modifications are required at this time.

Section	Length (ft)	Number of Sides	Thickness (in)	Socket Length (ft)	Top Dia (in)	Bot Dia (in)	Grade	Weight (K)
1	12.9200	1	0.2500		13.0000	13.0000		0.4
2	44.9200	18	0.2500	3.8400	13.0000	26.7925	A53-B-35	2.4
3	48.9200	18	0.3125		25.1134	40.0000	A572-65	5.3



DESIGNED APPURTENANCE LOADING

TYPE	ELEVATION	TYPE	ELEVATION
5' Sector Frame T-Arm Mount	101	(2) MX06FRO660-03_TIA w/ Mount Pipe	82
5' Sector Frame T-Arm Mount	101	(2) MX06FRO660-03_TIA w/ Mount Pipe	82
5' Sector Frame T-Arm Mount	101	(2) MX06FRO660-03_TIA w/ Mount Pipe	82
7770_TIA w/ Mount Pipe	90	BXA-70063-6CF-EDIN-X_TIA w/ Mount Pipe	82
7770_TIA w/ Mount Pipe	90	BXA-70063-6CF-EDIN-X_TIA w/ Mount Pipe	82
7770_TIA w/ Mount Pipe	90	BXA-70063-6CF-EDIN-X_TIA w/ Mount Pipe	82
AM-X-CD-16-65-00T-RET_TIA w/ Mount Pipe	90	VZS01 Antenna w/ Mount Pipe	82
AM-X-CD-16-65-00T-RET_TIA w/ Mount Pipe	90	VZS01 Antenna w/ Mount Pipe	82
AM-X-CD-16-65-00T-RET_TIA w/ Mount Pipe	90	VZS01 Antenna w/ Mount Pipe	82
80010965_TIA w/ Mount Pipe	90	B2/B66a RRH-BR049	82
80010965_TIA w/ Mount Pipe	90	B2/B66a RRH-BR049	82
80010965_TIA w/ Mount Pipe	90	B2/B66a RRH-BR049	82
QS66512-2_TIA w/ Mount Pipe	90	B5/B13 RRH-BR04C	82
QS66512-2_TIA w/ Mount Pipe	90	B5/B13 RRH-BR04C	82
QS66512-2_TIA w/ Mount Pipe	90	B5/B13 RRH-BR04C	82
RRUS 32	90	DB-B1-6C-12AB-0Z	82
RRUS 32	90	DB-B1-6C-12AB-0Z	82
RRUS 32	90	Rohn 14' Platform	82
RRUS 4478 B14	90	8-ft Ladder	82
RRUS 4478 B14	90	APXVTM14-C-120_TIA w/ Mount Pipe	72
RRUS 4478 B14	90	APXVTM14-C-120_TIA w/ Mount Pipe	72
RRUS 32 B2	90	APXVTM14-C-120_TIA w/ Mount Pipe	72
RRUS 32 B2	90	APXVSPP18-C_TIA w/ Mount Pipe	72
RRUS 32 B2	90	APXVSPP18-C_TIA w/ Mount Pipe	72
RRUS 4426 B66	90	APXVSPP18-C_TIA w/ Mount Pipe	72
RRUS 4426 B66	90	TD-RRH8x20-25	72
RRUS 4426 B66	90	TD-RRH8x20-25	72
RRUS 11 B12	90	TD-RRH8x20-25	72
RRUS 11 B12	90	Junction Box	72
RRUS 11 B12	90	14' T-Arm Mounts	72
DC6-48-60-18-8F	90	5' Sector Frame T-Arm Mount	28
DC6-48-60-18-8F	90	5' Sector Frame T-Arm Mount	28
DC6-48-60-18-8F	90	14' T-Arm Mount	28
(2) LGP 17201	90	20' x 3" Omni	28
(2) LGP 17201	90	10'x3" Dia Omni	28
(2) LGP 17201	90	10'x3" Dia Omni	28
(2) DBC0061F1V51-2	90	10'x3" Dia Omni	28
(2) DBC0061F1V51-2	90	10'x3" Dia Omni	28
(2) DBC0061F1V51-2	90	10'x3" Dia Omni	28
(2) TPX-070821	90	10'x3" Dia Omni	28
(2) TPX-070821	90	10'x3" Dia Omni	28
(2) TPX-070821	90	GPS_A	28
Rohn 14' Platform	90		
8-ft Ladder	90		

MATERIAL STRENGTH

GRADE	Fy	Fu	GRADE	Fy	Fu
A53-B-35	35 ksi	60 ksi	A572-65	65 ksi	80 ksi

ALL REACTIONS ARE FACTORED

AXIAL 54 K

SHEAR 8 K

TORQUE 1 kip-ft

50 mph WIND - 0.7500 in ICE

AXIAL 29 K

SHEAR 24 K

MOMENT 1856 kip-ft

TORQUE 2 kip-ft

REACTIONS - 97 mph WIND

TOWER DESIGN NOTES

1. Tower is located in Fairfield County, Connecticut.
2. Tower designed for Exposure C to the TIA-222-G Standard.
3. Tower designed for a 97 mph basic wind in accordance with the TIA-222-G Standard.
4. Tower is also designed for a 50 mph basic wind with 0.75 in ice. Ice is considered to increase in thickness with height.
5. Deflections are based upon a 60 mph wind.
6. Tower Structure Class II.
7. Topographic Category 1 with Crest Height of 0.0000 ft
8. TOWER RATING: 96%

PJFLogo

Paul J. Ford and Company
250 E. Broad St., Ste 600
Columbus, OH 43215
Phone: 614-221-6679
FAX:

Job:	***102.9' Monopole | Stratford CT***		
Project:	***42920-0011.001.7805***		
Client: On Air Engineering, LLC	Drawn by: Seth Tschanen		App'd:
Code: TIA-222-G	Date: 02/04/21		Scale: NTS
Path: G:\TOWER\429_On Air Engineering\2020\42920-0011_Stratford CT\42920-0011.001.7805_SA\42920-0011.001.7805_SRLH.eri			Dwg No. E-1

APPENDIX A

TNXTOWER OUTPUT

Tower Input Data

The tower is a monopole.
This tower is designed using the TIA-222-G standard.
The following design criteria apply:

1) Tower is located in Fairfield County, Connecticut.
2) ASCE 7-10 Wind Data is used (wind speeds converted to nominal values).
3) Basic wind speed of 97 mph.
4) Structure Class II.
5) Exposure Category C.
6) Topographic Category 1.
7) Crest Height 0.0000 ft.
8) Nominal ice thickness of 0.7500 in.
9) Ice thickness is considered to increase with height.
10) Ice density of 56.00 pcf.
11) A wind speed of 50 mph is used in combination with ice.
12) Temperature drop of 50 °F.
13) Deflections calculated using a wind speed of 60 mph.
14) A non-linear (P-delta) analysis was used.
15) Pressures are calculated at each section.
16) Stress ratio used in pole design is 1.
17) Local bending stresses due to climbing loads, feed line supports, and appurtenance mounts are not considered.

Options

Consider Moments - Legs	Distribute Leg Loads As Uniform	Use ASCE 10 X-Brace Ly Rules
Consider Moments - Horizontals	Assume Legs Pinned	Calculate Redundant Bracing Forces
Consider Moments - Diagonals	Assume Rigid Index Plate	Ignore Redundant Members in FEA
Use Moment Magnification	Use Clear Spans For Wind Area	SR Leg Bolts Resist Compression
Use Code Stress Ratios	Use Clear Spans For KL/r	All Leg Panels Have Same Allowable
Use Code Safety Factors - Guys	Retension Guys To Initial Tension	Offset Girt At Foundation
Escalate Ice	Bypass Mast Stability Checks	Consider Feed Line Torque
Always Use Max Kz	Use Azimuth Dish Coefficients	Include Angle Block Shear Check
Use Special Wind Profile	Project Wind Area of Appurt.	Use TIA-222-G Bracing Resist. Exemption
Include Bolts In Member Capacity	Autocalc Torque Arm Areas	Use TIA-222-G Tension Splice Exemption
Leg Bolts Are At Top Of Section	Add IBC .6D+W Combination	Poles
Secondary Horizontal Braces Leg	Sort Capacity Reports By Component	Include Shear-Torsion Interaction
Use Diamond Inner Bracing (4 Sided)	Triangulate Diamond Inner Bracing	Always Use Sub-Critical Flow
SR Members Have Cut Ends	Treat Feed Line Bundles As Cylinder	Use Top Mounted Sockets
SR Members Are Concentric	Ignore KL/ry For 60 Deg. Angle Legs	Pole Without Linear Attachments
		Pole With Shroud Or No Appurtenances
		Outside and Inside Corner Radii Are Known

Tapered Pole Section Geometry

Section	*Elevation* *ft*	*Section Length* *ft*	*Splice Length* *ft*	*Number of Sides*	*Top Diameter* *in*	*Bottom Diameter* *in*	*Wall Thickness* *in*	*Bend Radius* *in*	*Pole Grade*
L1	102.9200-90.0000	12.9200	0.00	Round	13.0000	13.0000	0.2500		A53-B-35 (35 ksi)
L2	90.0000-45.0800	44.9200	3.84	18	13.0000	26.7925	0.2500	1.0000	A572-65 (65 ksi)
L3	45.0800-0.0000	48.9200		18	25.1134	40.0000	0.3125	1.2500	A572-65 (65 ksi)

Tapered Pole Properties

Section	Tip Dia. in	Area in^2	I in^4	r in	C in	I/C in^3	J in^4	It/Q in^2	w in	w/t
L1	13.0000	10.0138	203.5623	4.5087	6.5000	31.3173	407.1246	5.0039	0.0000	0
	13.0000	10.0138	203.5623	4.5087	6.5000	31.3173	407.1246	5.0039	0.0000	0
L2	13.1620	10.1171	207.7854	4.5263	6.6040	31.4636	415.8441	5.0595	1.8480	7.392
	27.1673	21.0615	1874.6054	9.4226	13.6106	137.7314	3751.6774	10.5327	4.2755	17.102
L3	26.6392	24.5994	1911.6088	8.8043	12.7576	149.8404	3825.7330	12.3021	3.8700	12.384
	40.5689	39.3650	7833.4959	14.0891	20.3200	385.5067	15677.2994	19.6863	6.4900	20.768

Tower Elevation ft	Gusset Area (per face) ft^2	Gusset Thickness in	Gusset Grade	Adjust. Factor A_f	Adjust. Factor A_r	Weight Mult.	Double Angle Stitch Bolt Spacing Diagonals in	Double Angle Stitch Bolt Spacing Horizontals in	Double Angle Stitch Bolt Spacing Redundants in
L1 102.9200-90.0000				1	1	1			
L2 90.0000-45.0800				1	1	1			
L3 45.0800-0.0000				1	1	1			

Feed Line/Linear Appurtenances - Entered As Round Or Flat

Description	Sector	Exclude From Torque Calculation	Component Type	Placement ft	Total Number	Number Per Row	Start/End Position	Width or Diameter in	Perimeter in	Weight klf
***										
LDF6-50 (1 1/4" foam)	C	No	Surface Ar (CaAa)	72.0000 - 20.0000	3	3	0.150 0.350	1.5500		0.00
LDF4-50A (1/2" foam)	C	No	Surface Ar (CaAa)	72.0000 - 20.0000	2	2	-0.025 0.025	0.6300		0.00
LDF4.5-50 (5/8" foam)	C	No	Surface Ar (CaAa)	72.0000 - 20.0000	1	1	0.500 0.500	0.8650		0.00
2" (Nominal) Conduit	C	No	Surface Ar (CaAa)	72.0000 - 20.0000	1	1	-0.167 -0.167	2.3750		0.00
LDF2-50 (3/8" foam)	C	No	Surface Ar (CaAa)	72.0000 - 20.0000	1	1	-0.083 -0.083	0.4400		0.00
LDF2-50 (3/8" foam)	C	No	Surface Ar (CaAa)	72.0000 - 20.0000	1	1	0.167 0.167	0.4400		0.00
LDF4-50A (1/2" foam)	C	No	Surface Ar (CaAa)	72.0000 - 20.0000	1	1	0.250 0.250	0.6300		0.00
***										
FP 4.50 x 1.25 Reinforcement	A	No	Surface Af (CaAa)	32.2500 - 0.5000	1	1	0.333 0.333	4.5000	11.5000	0.02
FP 4.50 x 1.25 Reinforcement	A	No	Surface Af (CaAa)	32.2500 - 0.5000	1	1	-0.500 -0.500	4.5000	11.5000	0.02
FP 4.50 x 1.25 Reinforcement	C	No	Surface Af (CaAa)	32.2500 - 0.5000	1	1	0.000 0.000	4.5000	11.5000	0.02
FP 4.50 x 1.25 Reinforcement	B	No	Surface Af (CaAa)	32.2500 - 0.5000	1	1	0.000 0.000	4.5000	11.5000	0.02
FP 4.00 x 1.25 Reinforcement	A	No	Surface Af (CaAa)	64.0000 - 32.2500	1	1	0.333 0.333	4.0000	10.5000	0.02
FP 4.00 x 1.25 Reinforcement	A	No	Surface Af (CaAa)	64.0000 - 32.2500	1	1	-0.500 -0.500	4.0000	10.5000	0.02
FP 4.00 x 1.25 Reinforcement	C	No	Surface Af (CaAa)	64.0000 - 32.2500	1	1	0.000 0.000	4.0000	10.5000	0.00
FP 4.00 x 1.25 Reinforcement	B	No	Surface Af (CaAa)	64.0000 - 32.2500	1	1	0.000 0.000	4.0000	10.5000	0.00

Feed Line/Linear Appurtenances - Entered As Area

Description	Face or Leg	Allow Shield	Exclude From Torque Calculation	Component Type	Placement ft	Total Number		C_AA_A ft^2/ft	Weight klf
LDF5-50A (7/8" foam)	C	No	No	Inside Pole	90.0000 - 20.0000	12	No Ice	0.0000	0.00
							1/2" Ice	0.0000	0.00
							1" Ice	0.0000	0.00
***									
LDF5-50A(7/8")	B	No	No	Inside Pole	82.0000 - 20.0000	6	No Ice	0.0000	0.00
							1/2" Ice	0.0000	0.00
							1" Ice	0.0000	0.00
HCS 6X12 4AWG(1-5/8")	B	No	No	Inside Pole	82.0000 - 20.0000	2	No Ice	0.0000	0.00
							1/2" Ice	0.0000	0.00
							1" Ice	0.0000	0.00
***									
LDF6-50 (1 1/4" foam)	C	No	No	Inside Pole	28.0000 - 0.0000	1	No Ice	0.0000	0.00
							1/2" Ice	0.0000	0.00
							1" Ice	0.0000	0.00
LDF4-50A (1/2" foam)	C	No	No	Inside Pole	28.0000 - 0.0000	8	No Ice	0.0000	0.00
							1/2" Ice	0.0000	0.00
							1" Ice	0.0000	0.00

Feed Line/Linear Appurtenances Section Areas

Tower Section	Tower Elevation ft	Face	A_R ft^2	A_F ft^2	C_AA_A In Face ft^2	C_AA_A Out Face ft^2	Weight K
L1	102.9200-90.0000	A	0.000	0.000	0.000	0.000	0.00
		B	0.000	0.000	0.000	0.000	0.00
		C	0.000	0.000	0.000	0.000	0.00
L2	90.0000-45.0800	A	0.000	0.000	25.227	0.000	0.64
		B	0.000	0.000	12.613	0.000	0.25
		C	0.000	0.000	41.310	0.000	0.27
L3	45.0800-0.0000	A	0.000	0.000	64.732	0.000	1.65
		B	0.000	0.000	32.366	0.000	0.78
		C	0.000	0.000	59.101	0.000	0.85

Feed Line/Linear Appurtenances Section Areas - With Ice

Tower Section	Tower Elevation ft	Face or Leg	Ice Thickness in	A_R ft^2	A_F ft^2	C_AA_A In Face ft^2	C_AA_A Out Face ft^2	Weight K
L1	102.9200-90.0000	A	1.670	0.000	0.000	0.000	0.000	0.00
		B		0.000	0.000	0.000	0.000	0.00
		C		0.000	0.000	0.000	0.000	0.00
L2	90.0000-45.0800	A	1.606	0.000	0.000	37.381	0.000	1.04
		B		0.000	0.000	18.690	0.000	0.45
		C		0.000	0.000	116.215	0.000	1.56
L3	45.0800-0.0000	A	1.440	0.000	0.000	93.370	0.000	2.61
		B		0.000	0.000	46.685	0.000	1.26
		C		0.000	0.000	137.544	0.000	2.35

Feed Line Center of Pressure

Section	Elevation ft	CP_X in	CP_Z in	CP_X Ice in	CP_Z Ice in
L1	102.9200-90.0000	0.0000	0.0000	0.0000	0.0000
L2	90.0000-45.0800	0.2433	3.1879	-0.3780	3.8317
L3	45.0800-0.0000	1.3079	3.1318	0.5237	3.8077

Note: For pole sections, center of pressure calculations do not consider feed line shielding.

Shielding Factor Ka

Tower Section	*Feed Line Record No.*	*Description*	*Feed Line Segment Elev.*	*K_a No Ice*	*K_a Ice*
L2	8	LDF6-50 (1 1/4" foam)	45.08 - 72.00	1.0000	1.0000
L2	9	LDF4-50A (1/2" foam)	45.08 - 72.00	1.0000	1.0000
L2	10	LDF4.5-50 (5/8" foam)	45.08 - 72.00	1.0000	1.0000
L2	11	2" (Nominal) Conduit	45.08 - 72.00	1.0000	1.0000
L2	12	LDF2-50 (3/8" foam)	45.08 - 72.00	1.0000	1.0000
L2	13	LDF2-50 (3/8" foam)	45.08 - 72.00	1.0000	1.0000
L2	14	LDF4-50A (1/2" foam)	45.08 - 72.00	1.0000	1.0000
L2	23	FP 4.00 x 1.25 Reinforcement	45.08 - 64.00	1.0000	1.0000
L2	24	FP 4.00 x 1.25 Reinforcement	45.08 - 64.00	1.0000	1.0000
L2	25	FP 4.00 x 1.25 Reinforcement	45.08 - 64.00	1.0000	1.0000
L2	26	FP 4.00 x 1.25 Reinforcement	45.08 - 64.00	1.0000	1.0000
L3	8	LDF6-50 (1 1/4" foam)	20.00 - 45.08	1.0000	1.0000
L3	9	LDF4-50A (1/2" foam)	20.00 - 45.08	1.0000	1.0000
L3	10	LDF4.5-50 (5/8" foam)	20.00 - 45.08	1.0000	1.0000
L3	11	2" (Nominal) Conduit	20.00 - 45.08	1.0000	1.0000
L3	12	LDF2-50 (3/8" foam)	20.00 - 45.08	1.0000	1.0000
L3	13	LDF2-50 (3/8" foam)	20.00 - 45.08	1.0000	1.0000
L3	14	LDF4-50A (1/2" foam)	20.00 - 45.08	1.0000	1.0000
L3	19	FP 4.50 x 1.25 Reinforcement	0.50 - 32.25	1.0000	1.0000
L3	20	FP 4.50 x 1.25 Reinforcement	0.50 - 32.25	1.0000	1.0000
L3	21	FP 4.50 x 1.25 Reinforcement	0.50 - 32.25	1.0000	1.0000
L3	22	FP 4.50 x 1.25 Reinforcement	0.50 - 32.25	1.0000	1.0000
L3	23	FP 4.00 x 1.25 Reinforcement	32.25 - 45.08	1.0000	1.0000
L3	24	FP 4.00 x 1.25 Reinforcement	32.25 - 45.08	1.0000	1.0000
L3	25	FP 4.00 x 1.25 Reinforcement	32.25 - 45.08	1.0000	1.0000
L3	26	FP 4.00 x 1.25 Reinforcement	32.25 - 45.08	1.0000	1.0000

Discrete Tower Loads

Description	*Face or Leg*	*Offset Type*	*Offsets: Horz Lateral Vert* *ft ft ft*	*Azimuth Adjustment* *°*	*Placement* *ft*		*C_AA_A Front* *ft^2*	*C_AA_A Side* *ft^2*	*Weight* *K*
5' Sector Frame T-Arm Mount	A	None		0.0000	101.0000	No Ice	2.7200	2.7200	0.05
						1/2" Ice	4.9100	4.9100	0.09
						1" Ice	7.1000	7.1000	0.13
5' Sector Frame T-Arm Mount	B	None		0.0000	101.0000	No Ice	2.7200	2.7200	0.05
						1/2" Ice	4.9100	4.9100	0.09
						1" Ice	7.1000	7.1000	0.13
5' Sector Frame T-Arm Mount	C	None		0.0000	101.0000	No Ice	2.7200	2.7200	0.05
						1/2" Ice	4.9100	4.9100	0.09
						1" Ice	7.1000	7.1000	0.13
***									
7770_TIA w/ Mount Pipe	A	From Leg	4.0000	0.0000	90.0000	No Ice	5.7460	4.2543	0.06
			0.00			1/2" Ice	6.1791	5.0137	0.10
			0.00			1" Ice	6.6067	5.7109	0.16
7770_TIA w/ Mount Pipe	B	From Leg	4.0000	0.0000	90.0000	No Ice	5.7460	4.2543	0.06
			0.00			1/2" Ice	6.1791	5.0137	0.10
			0.00			1" Ice	6.6067	5.7109	0.16
7770_TIA w/ Mount Pipe	C	From Leg	4.0000	0.0000	90.0000	No Ice	5.7460	4.2543	0.06
			0.00			1/2" Ice	6.1791	5.0137	0.10
			0.00			1" Ice	6.6067	5.7109	0.16
AM-X-CD-16-65-00T-RET_TIA w/ Mount Pipe	A	From Leg	4.0000	0.0000	90.0000	No Ice	8.2619	6.3625	0.07
			0.00			1/2" Ice	8.8215	7.5378	0.14
			0.00			1" Ice	9.3462	8.4270	0.21
AM-X-CD-16-65-00T-RET_TIA w/ Mount Pipe	B	From Leg	4.0000	0.0000	90.0000	No Ice	8.2619	6.3625	0.07
			0.00			1/2" Ice	8.8215	7.5378	0.14
			0.00			1" Ice	9.3462	8.4270	0.21
AM-X-CD-16-65-00T-RET_TIA w/ Mount Pipe	C	From Leg	4.0000	0.0000	90.0000	No Ice	8.2619	6.3625	0.07
			0.00			1/2" Ice	8.8215	7.5378	0.14
			0.00			1" Ice	9.3462	8.4270	0.21
80010965_TIA w/ Mount Pipe	A	From Leg	4.0000	0.0000	90.0000	No Ice	14.0513	7.6284	0.14
			0.00			1/2" Ice	14.6885	8.9027	0.23
			0.00			1" Ice	15.3033	9.9625	0.34
80010965_TIA w/ Mount Pipe	B	From Leg	4.0000	0.0000	90.0000	No Ice	14.0513	7.6284	0.14
			0.00			1/2" Ice	14.6885	8.9027	0.23
			0.00			1" Ice	15.3033	9.9625	0.34
80010965_TIA w/ Mount Pipe	C	From Leg	4.0000	0.0000	90.0000	No Ice	14.0513	7.6284	0.14
			0.00			1/2" Ice	14.6885	8.9027	0.23
			0.00			1" Ice	15.3033	9.9625	0.34
QS66512-2_TIA w/ Mount Pipe	A	From Leg	4.0000	0.0000	90.0000	No Ice	8.3708	8.4625	0.14
			0.00			1/2" Ice	8.9314	9.6573	0.21
			0.00			1" Ice	9.4571	10.5478	0.30
QS66512-2_TIA w/ Mount Pipe	B	From Leg	4.0000	0.0000	90.0000	No Ice	8.3708	8.4625	0.14
			0.00			1/2" Ice	8.9314	9.6573	0.21
			0.00			1" Ice	9.4571	10.5478	0.30
QS66512-2_TIA w/ Mount Pipe	C	From Leg	4.0000	0.0000	90.0000	No Ice	8.3708	8.4625	0.14
			0.00			1/2" Ice	8.9314	9.6573	0.21
			0.00			1" Ice	9.4571	10.5478	0.30

Description	*Face or Leg*	*Offset Type*	*Offsets: Horz Lateral Vert* *ft* *ft* *ft*	*Azimuth Adjustment* *°*	*Placement* *ft*		*C_AA_A Front* *ft^2*	*C_AA_A Side* *ft^2*	*Weight* *K*
RRUS 32	A	From Leg	4.0000 0.00 0.00	0.0000	90.0000	No Ice 1/2" Ice 1" Ice	2.8571 3.0830 3.3163	1.7766 1.9677 2.1658	0.06 0.08 0.10
RRUS 32	B	From Leg	4.0000 0.00 0.00	0.0000	90.0000	No Ice 1/2" Ice 1" Ice	2.8571 3.0830 3.3163	1.7766 1.9677 2.1658	0.06 0.08 0.10
RRUS 32	C	From Leg	4.0000 0.00 0.00	0.0000	90.0000	No Ice 1/2" Ice 1" Ice	2.8571 3.0830 3.3163	1.7766 1.9677 2.1658	0.06 0.08 0.10
RRUS 4478 B14	A	From Leg	4.0000 0.00 0.00	0.0000	90.0000	No Ice 1/2" Ice 1" Ice	2.0212 2.1999 2.3860	1.2459 1.3960 1.5536	0.06 0.08 0.10
RRUS 4478 B14	B	From Leg	4.0000 0.00 0.00	0.0000	90.0000	No Ice 1/2" Ice 1" Ice	2.0212 2.1999 2.3860	1.2459 1.3960 1.5536	0.06 0.08 0.10
RRUS 4478 B14	C	From Leg	4.0000 0.00 0.00	0.0000	90.0000	No Ice 1/2" Ice 1" Ice	2.0212 2.1999 2.3860	1.2459 1.3960 1.5536	0.06 0.08 0.10
RRUS 32 B2	A	From Leg	4.0000 0.00 0.00	0.0000	90.0000	No Ice 1/2" Ice 1" Ice	2.7427 2.9647 3.1941	1.6681 1.8552 2.0493	0.05 0.07 0.10
RRUS 32 B2	B	From Leg	4.0000 0.00 0.00	0.0000	90.0000	No Ice 1/2" Ice 1" Ice	2.7427 2.9647 3.1941	1.6681 1.8552 2.0493	0.05 0.07 0.10
RRUS 32 B2	C	From Leg	4.0000 0.00 0.00	0.0000	90.0000	No Ice 1/2" Ice 1" Ice	2.7427 2.9647 3.1941	1.6681 1.8552 2.0493	0.05 0.07 0.10
RRUS 4426 B66	A	From Leg	4.0000 0.00 0.00	0.0000	90.0000	No Ice 1/2" Ice 1" Ice	1.6444 1.8044 1.9719	0.7252 0.8421 0.9685	0.05 0.06 0.08
RRUS 4426 B66	B	From Leg	4.0000 0.00 0.00	0.0000	90.0000	No Ice 1/2" Ice 1" Ice	1.6444 1.8044 1.9719	0.7252 0.8421 0.9685	0.05 0.06 0.08
RRUS 4426 B66	C	From Leg	4.0000 0.00 0.00	0.0000	90.0000	No Ice 1/2" Ice 1" Ice	1.6444 1.8044 1.9719	0.7252 0.8421 0.9685	0.05 0.06 0.08
RRUS 11 B12	A	From Leg	4.0000 0.00 0.00	0.0000	90.0000	No Ice 1/2" Ice 1" Ice	2.8333 3.0426 3.2593	1.1821 1.3299 1.4848	0.05 0.07 0.10
RRUS 11 B12	B	From Leg	4.0000 0.00 0.00	0.0000	90.0000	No Ice 1/2" Ice 1" Ice	2.8333 3.0426 3.2593	1.1821 1.3299 1.4848	0.05 0.07 0.10
RRUS 11 B12	C	From Leg	4.0000 0.00 0.00	0.0000	90.0000	No Ice 1/2" Ice 1" Ice	2.8333 3.0426 3.2593	1.1821 1.3299 1.4848	0.05 0.07 0.10
DC6-48-60-18-8F	A	From Leg	4.0000 0.00 0.00	0.0000	90.0000	No Ice 1/2" Ice 1" Ice	1.2117 1.8924 2.1051	1.2117 1.8924 2.1051	0.03 0.05 0.08
DC6-48-60-18-8F	B	From Leg	4.0000	0.0000	90.0000	No Ice	1.2117	1.2117	0.03

Description	*Face or Leg*	*Offset Type*	*Offsets: Horz Lateral Vert* ft ft ft	*Azimuth Adjustment* °	*Placement* ft		C_AA_A *Front* ft^2	C_AA_A *Side* ft^2	*Weight* K
			0.00			1/2" Ice	1.8924	1.8924	0.05
			0.00			1" Ice	2.1051	2.1051	0.08
DC6-48-60-18-8F	C	From Leg	4.0000	0.0000	90.0000	No Ice	1.2117	1.2117	0.03
			0.00			1/2" Ice	1.8924	1.8924	0.05
			0.00			1" Ice	2.1051	2.1051	0.08
(2) LGP 17201	A	From Leg	4.0000	0.0000	90.0000	No Ice	1.6680	0.4669	0.03
			0.00			1/2" Ice	1.8289	0.5676	0.04
			0.00			1" Ice	1.9973	0.6752	0.06
(2) LGP 17201	B	From Leg	4.0000	0.0000	90.0000	No Ice	1.6680	0.4669	0.03
			0.00			1/2" Ice	1.8289	0.5676	0.04
			0.00			1" Ice	1.9973	0.6752	0.06
(2) LGP 17201	C	From Leg	4.0000	0.0000	90.0000	No Ice	1.6680	0.4669	0.03
			0.00			1/2" Ice	1.8289	0.5676	0.04
			0.00			1" Ice	1.9973	0.6752	0.06
(2) DBC0061F1V51-2	A	From Leg	4.0000	0.0000	90.0000	No Ice	0.2133	0.4133	0.01
			0.00			1/2" Ice	0.2793	0.4959	0.02
			0.00			1" Ice	0.3526	0.5859	0.02
(2) DBC0061F1V51-2	B	From Leg	4.0000	0.0000	90.0000	No Ice	0.2133	0.4133	0.01
			0.00			1/2" Ice	0.2793	0.4959	0.02
			0.00			1" Ice	0.3526	0.5859	0.02
(2) DBC0061F1V51-2	C	From Leg	4.0000	0.0000	90.0000	No Ice	0.2133	0.4133	0.01
			0.00			1/2" Ice	0.2793	0.4959	0.02
			0.00			1" Ice	0.3526	0.5859	0.02
(2) TPX-070821	A	From Leg	4.0000	0.0000	90.0000	No Ice	0.4688	0.1009	0.01
			0.00			1/2" Ice	0.5585	0.1471	0.01
			0.00			1" Ice	0.6556	0.2020	0.02
(2) TPX-070821	B	From Leg	4.0000	0.0000	90.0000	No Ice	0.4688	0.1009	0.01
			0.00			1/2" Ice	0.5585	0.1471	0.01
			0.00			1" Ice	0.6556	0.2020	0.02
(2) TPX-070821	C	From Leg	4.0000	0.0000	90.0000	No Ice	0.4688	0.1009	0.01
			0.00			1/2" Ice	0.5585	0.1471	0.01
			0.00			1" Ice	0.6556	0.2020	0.02
Rohn 14' Platform	C	None		0.0000	90.0000	No Ice	41.0000	41.0000	2.50
						1/2" Ice	56.0000	56.0000	3.00
						1" Ice	71.0000	71.0000	3.50
8-ft Ladder	C	None		0.0000	90.0000	No Ice	7.0700	7.0700	0.04
						1/2" Ice	9.7300	9.7300	0.07
						1" Ice	11.1900	11.1900	0.08
***									
***									
(2) MX06FRO660-03_TIA w/ Mount Pipe	A	From Leg	4.0000	0.0000	82.0000	No Ice	10.1095	8.9866	0.10
			0.00			1/2" Ice	10.6833	10.1541	0.19
			0.00			1" Ice	11.2211	11.0304	0.29
(2) MX06FRO660-03_TIA w/ Mount Pipe	B	From Leg	4.0000	0.0000	82.0000	No Ice	10.1095	8.9866	0.10
			0.00			1/2" Ice	10.6833	10.1541	0.19
			0.00			1" Ice	11.2211	11.0304	0.29
(2) MX06FRO660-03_TIA w/ Mount Pipe	C	From Leg	4.0000	0.0000	82.0000	No Ice	10.1095	8.9866	0.10
			0.00			1/2" Ice	10.6833	10.1541	0.19
			0.00			1" Ice	11.2211	11.0304	0.29

Description	*Face or Leg*	*Offset Type*	*Offsets: Horz Lateral Vert* ft ft ft	*Azimuth Adjustment* °	*Placement* ft		C_AA_A *Front* ft^2	C_AA_A *Side* ft^2	*Weight* K
BXA-70063-6CF-EDIN-X_TIA w/ Mount Pipe	A	From Leg	4.0000 0.00 0.00	0.0000	82.0000	No Ice 1/2" Ice 1" Ice	7.8065 8.3569 8.8720	5.8008 6.9529 7.8191	0.06 0.12 0.19
BXA-70063-6CF-EDIN-X_TIA w/ Mount Pipe	B	From Leg	4.0000 0.00 0.00	0.0000	82.0000	No Ice 1/2" Ice 1" Ice	7.8065 8.3569 8.8720	5.8008 6.9529 7.8191	0.06 0.12 0.19
BXA-70063-6CF-EDIN-X_TIA w/ Mount Pipe	C	From Leg	4.0000 0.00 0.00	0.0000	82.0000	No Ice 1/2" Ice 1" Ice	7.8065 8.3569 8.8720	5.8008 6.9529 7.8191	0.06 0.12 0.19
VZS01 Antenna w/ Mount Pipe	A	From Leg	4.0000 0.00 0.00	0.0000	82.0000	No Ice 1/2" Ice 1" Ice	5.9051 6.7183 7.4404	3.7440 4.7949 5.6974	0.12 0.17 0.22
VZS01 Antenna w/ Mount Pipe	B	From Leg	4.0000 0.00 0.00	0.0000	82.0000	No Ice 1/2" Ice 1" Ice	5.9051 6.7183 7.4404	3.7440 4.7949 5.6974	0.12 0.17 0.22
VZS01 Antenna w/ Mount Pipe	C	From Leg	4.0000 0.00 0.00	0.0000	82.0000	No Ice 1/2" Ice 1" Ice	5.9051 6.7183 7.4404	3.7440 4.7949 5.6974	0.12 0.17 0.22
B2/B66a RRH-BR049	A	From Leg	4.0000 0.00 0.00	0.0000	82.0000	No Ice 1/2" Ice 1" Ice	1.8750 2.0454 2.2231	1.0125 1.1445 1.2840	0.07 0.09 0.11
B2/B66a RRH-BR049	B	From Leg	4.0000 0.00 0.00	0.0000	82.0000	No Ice 1/2" Ice 1" Ice	1.8750 2.0454 2.2231	1.0125 1.1445 1.2840	0.07 0.09 0.11
B2/B66a RRH-BR049	C	From Leg	4.0000 0.00 0.00	0.0000	82.0000	No Ice 1/2" Ice 1" Ice	1.8750 2.0454 2.2231	1.0125 1.1445 1.2840	0.07 0.09 0.11
B5/B13 RRH-BR04C	A	From Leg	4.0000 0.00 0.00	0.0000	82.0000	No Ice 1/2" Ice 1" Ice	1.8750 2.0454 2.2231	1.0125 1.1445 1.2840	0.07 0.09 0.11
B5/B13 RRH-BR04C	B	From Leg	4.0000 0.00 0.00	0.0000	82.0000	No Ice 1/2" Ice 1" Ice	1.8750 2.0454 2.2231	1.0125 1.1445 1.2840	0.07 0.09 0.11
B5/B13 RRH-BR04C	C	From Leg	4.0000 0.00 0.00	0.0000	82.0000	No Ice 1/2" Ice 1" Ice	1.8750 2.0454 2.2231	1.0125 1.1445 1.2840	0.07 0.09 0.11
DB-B1-6C-12AB-0Z	A	From Leg	4.0000 0.00 0.00	0.0000	82.0000	No Ice 1/2" Ice 1" Ice	3.3636 3.5972 3.8383	2.1921 2.3950 2.6056	0.03 0.06 0.09
DB-B1-6C-12AB-0Z	B	From Leg	4.0000 0.00 0.00	0.0000	82.0000	No Ice 1/2" Ice 1" Ice	3.3636 3.5972 3.8383	2.1921 2.3950 2.6056	0.03 0.06 0.09
Rohn 14' Platform	C	None		0.0000	82.0000	No Ice 1/2" Ice 1" Ice	41.0000 56.0000 71.0000	41.0000 56.0000 71.0000	2.50 3.00 3.50
8-ft Ladder	C	None		0.0000	82.0000	No Ice 1/2" Ice 1" Ice	7.0700 9.7300 11.1900	7.0700 9.7300 11.1900	0.04 0.07 0.08

***

Description	*Face or Leg*	*Offset Type*	*Offsets: Horz Lateral Vert* *ft* *ft* *ft*	*Azimuth Adjustment* *°*	*Placement* *ft*		*C_AA_A Front* *ft^2*	*C_AA_A Side* *ft^2*	*Weight* *K*
APXVTM14-C-120_TIA w/ Mount Pipe	A	From Leg	4.0000 0.00 0.00	0.0000	72.0000	No Ice 1/2" Ice 1" Ice	6.5799 7.0306 7.4733	4.9591 5.7544 6.4723	0.08 0.13 0.19
APXVTM14-C-120_TIA w/ Mount Pipe	B	From Leg	4.0000 0.00 0.00	0.0000	72.0000	No Ice 1/2" Ice 1" Ice	6.5799 7.0306 7.4733	4.9591 5.7544 6.4723	0.08 0.13 0.19
APXVTM14-C-120_TIA w/ Mount Pipe	C	From Leg	4.0000 0.00 0.00	0.0000	72.0000	No Ice 1/2" Ice 1" Ice	6.5799 7.0306 7.4733	4.9591 5.7544 6.4723	0.08 0.13 0.19
APXVSPP18-C_TIA w/ Mount Pipe	A	From Leg	4.0000 0.00 0.00	0.0000	72.0000	No Ice 1/2" Ice 1" Ice	8.2619 8.8215 9.3462	7.4708 8.6564 9.5559	0.09 0.16 0.24
APXVSPP18-C_TIA w/ Mount Pipe	B	From Leg	4.0000 0.00 0.00	0.0000	72.0000	No Ice 1/2" Ice 1" Ice	8.2619 8.8215 9.3462	7.4708 8.6564 9.5559	0.09 0.16 0.24
APXVSPP18-C_TIA w/ Mount Pipe	C	From Leg	4.0000 0.00 0.00	0.0000	72.0000	No Ice 1/2" Ice 1" Ice	8.2619 8.8215 9.3462	7.4708 8.6564 9.5559	0.09 0.16 0.24
TD-RRH8x20-25	A	From Leg	4.0000 0.00 0.00	0.0000	72.0000	No Ice 1/2" Ice 1" Ice	4.0455 4.2975 4.5570	1.5345 1.7142 1.9008	0.07 0.10 0.13
TD-RRH8x20-25	B	From Leg	4.0000 0.00 0.00	0.0000	72.0000	No Ice 1/2" Ice 1" Ice	4.0455 4.2975 4.5570	1.5345 1.7142 1.9008	0.07 0.10 0.13
TD-RRH8x20-25	C	From Leg	4.0000 0.00 0.00	0.0000	72.0000	No Ice 1/2" Ice 1" Ice	4.0455 4.2975 4.5570	1.5345 1.7142 1.9008	0.07 0.10 0.13
Junction Box	C	From Leg	4.0000 0.00 0.00	0.0000	72.0000	No Ice 1/2" Ice 1" Ice	0.5333 0.6259 0.7259	0.5333 0.6259 0.7259	0.01 0.02 0.03
14' T-Arm Mounts	C	None		0.0000	72.0000	No Ice 1/2" Ice 1" Ice	12.0000 19.0000 26.0000	12.0000 19.0000 26.0000	1.20 1.35 0.50
***									
5' Sector Frame T-Arm Mount	A	From Leg	1.0000 0.00 0.00	0.0000	28.0000	No Ice 1/2" Ice 1" Ice	2.7200 4.9100 7.1000	2.7200 4.9100 7.1000	0.05 0.09 0.13
5' Sector Frame T-Arm Mount	A	From Leg	1.0000 0.00 0.00	0.0000	28.0000	No Ice 1/2" Ice 1" Ice	2.7200 4.9100 7.1000	2.7200 4.9100 7.1000	0.05 0.09 0.13
14' T-Arm Mount	A	From Leg	1.0000 0.00 0.00	0.0000	28.0000	No Ice 1/2" Ice 1" Ice	3.5000 5.2500 7.8800	1.6000 2.4000 3.6000	0.34 0.41 0.49
20' x 3'' Omni	A	From Leg	1.0000 0.00 14.00	0.0000	28.0000	No Ice 1/2" Ice 1" Ice	6.0000 8.0333 10.0833	6.0000 8.0333 10.0833	0.10 0.14 0.20
10'x3'' Dia Omni	A	From Leg	1.0000 0.00 8.00	0.0000	28.0000	No Ice 1/2" Ice 1" Ice	3.0000 4.0333 5.0269	3.0000 4.0333 5.0269	0.00 0.02 0.05

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft²	C_AA_A Side ft²	Weight K
10'x3" Dia Omni	A	From Leg	1.0000 0.00 8.00	0.0000	28.0000	No Ice 1/2" Ice 1" Ice	3.0000 4.0333 5.0269	3.0000 4.0333 5.0269	0.00 0.02 0.05
10'x3" Dia Omni	A	From Leg	1.0000 0.00 6.00	0.0000	28.0000	No Ice 1/2" Ice 1" Ice	3.0000 4.0333 5.0269	3.0000 4.0333 5.0269	0.00 0.02 0.05
10'x3" Dia Omni	A	From Leg	1.0000 0.00 6.00	0.0000	28.0000	No Ice 1/2" Ice 1" Ice	3.0000 4.0333 5.0269	3.0000 4.0333 5.0269	0.00 0.02 0.05
10'x3" Dia Omni	A	From Leg	1.0000 0.00 6.00	0.0000	28.0000	No Ice 1/2" Ice 1" Ice	3.0000 4.0333 5.0269	3.0000 4.0333 5.0269	0.00 0.02 0.05
GPS_A	A	From Leg	1.0000 0.00 2.00	0.0000	28.0000	No Ice 1/2" Ice 1" Ice	0.2550 0.3205 0.3934	0.2550 0.3205 0.3934	0.00 0.00 0.01

Tower Pressures - No Ice

G_H = 1.100

Section Elevation ft	z ft	K_Z	q_z ksf	A_G ft²	Face	A_F ft²	A_R ft²	A_{leg} ft²	Leg %	C_AA_A In Face ft²	C_AA_A Out Face ft²
L1 102.9200-90.0000	96.4600	1.256	0.029	13.997	A	0.000	13.997	13.997	100.00	0.000	0.000
					B	0.000	13.997		100.00	0.000	0.000
					C	0.000	13.997		100.00	0.000	0.000
L2 90.0000-45.0800	65.3229	1.157	0.026	75.483	A	0.000	75.483	75.483	100.00	25.227	0.000
					B	0.000	75.483		100.00	12.613	0.000
					C	0.000	75.483		100.00	41.310	0.000
L3 45.0800-0.0000	21.9166	0.919	0.021	126.239	A	0.000	126.239	126.239	100.00	64.732	0.000
					B	0.000	126.239		100.00	32.366	0.000
					C	0.000	126.239		100.00	59.101	0.000

Tower Pressure - With Ice

G_H = 1.100

Section Elevation ft	z ft	K_Z	q_z ksf	t_Z in	A_G ft²	Face	A_F ft²	A_R ft²	A_{leg} ft²	Leg %	C_AA_A In Face ft²	C_AA_A Out Face ft²
L1 102.9200-90.0000	96.4600	1.256	0.008	1.6698	17.592	A	0.000	17.592	17.592	100.00	0.000	0.000
						B	0.000	17.592		100.00	0.000	0.000
						C	0.000	17.592		100.00	0.000	0.000
L2 90.0000-45.0800	65.3229	1.157	0.007	1.6060	87.506	A	0.000	87.506	87.506	100.00	37.381	0.000
						B	0.000	87.506		100.00	18.690	0.000
						C	0.000	87.506		100.00	116.215	0.000
L3 45.0800-0.0000	21.9166	0.919	0.006	1.4398	138.306	A	0.000	138.306	138.306	100.00	93.370	0.000
						B	0.000	138.306		100.00	46.685	0.000
						C	0.000	138.306		100.00	137.544	0.000

Tower Pressure - Service

G_H = 1.100

Section Elevation ft	z ft	K_z	q_z ksf	A_G ft²	Face	A_F ft²	A_R ft²	A_{leg} ft²	Leg %	C_AA_A In Face ft²	C_AA_A Out Face ft²
L1 102.9200-90.0000	96.4600	1.256	0.010	13.997	A	0.000	13.997	13.997	100.00	0.000	0.000
					B	0.000	13.997		100.00	0.000	0.000
					C	0.000	13.997		100.00	0.000	0.000
L2 90.0000-45.0800	65.3229	1.157	0.009	75.483	A	0.000	75.483	75.483	100.00	25.227	0.000
					B	0.000	75.483		100.00	12.613	0.000
					C	0.000	75.483		100.00	41.310	0.000
L3 45.0800-0.0000	21.9166	0.919	0.007	126.239	A	0.000	126.239	126.239	100.00	64.732	0.000
					B	0.000	126.239		100.00	32.366	0.000
					C	0.000	126.239		100.00	59.101	0.000

Load Combinations

Comb. No.	Description
1	Dead Only
2	1.2 Dead+1.6 Wind 0 deg - No Ice
3	0.9 Dead+1.6 Wind 0 deg - No Ice
4	1.2 Dead+1.6 Wind 30 deg - No Ice
5	0.9 Dead+1.6 Wind 30 deg - No Ice
6	1.2 Dead+1.6 Wind 60 deg - No Ice
7	0.9 Dead+1.6 Wind 60 deg - No Ice
8	1.2 Dead+1.6 Wind 90 deg - No Ice
9	0.9 Dead+1.6 Wind 90 deg - No Ice
10	1.2 Dead+1.6 Wind 120 deg - No Ice
11	0.9 Dead+1.6 Wind 120 deg - No Ice
12	1.2 Dead+1.6 Wind 150 deg - No Ice
13	0.9 Dead+1.6 Wind 150 deg - No Ice
14	1.2 Dead+1.6 Wind 180 deg - No Ice
15	0.9 Dead+1.6 Wind 180 deg - No Ice
16	1.2 Dead+1.6 Wind 210 deg - No Ice
17	0.9 Dead+1.6 Wind 210 deg - No Ice
18	1.2 Dead+1.6 Wind 240 deg - No Ice
19	0.9 Dead+1.6 Wind 240 deg - No Ice
20	1.2 Dead+1.6 Wind 270 deg - No Ice
21	0.9 Dead+1.6 Wind 270 deg - No Ice
22	1.2 Dead+1.6 Wind 300 deg - No Ice
23	0.9 Dead+1.6 Wind 300 deg - No Ice
24	1.2 Dead+1.6 Wind 330 deg - No Ice
25	0.9 Dead+1.6 Wind 330 deg - No Ice
26	1.2 Dead+1.0 Ice+1.0 Temp
27	1.2 Dead+1.0 Wind 0 deg+1.0 Ice+1.0 Temp
28	1.2 Dead+1.0 Wind 30 deg+1.0 Ice+1.0 Temp
29	1.2 Dead+1.0 Wind 60 deg+1.0 Ice+1.0 Temp
30	1.2 Dead+1.0 Wind 90 deg+1.0 Ice+1.0 Temp
31	1.2 Dead+1.0 Wind 120 deg+1.0 Ice+1.0 Temp
32	1.2 Dead+1.0 Wind 150 deg+1.0 Ice+1.0 Temp
33	1.2 Dead+1.0 Wind 180 deg+1.0 Ice+1.0 Temp
34	1.2 Dead+1.0 Wind 210 deg+1.0 Ice+1.0 Temp
35	1.2 Dead+1.0 Wind 240 deg+1.0 Ice+1.0 Temp
36	1.2 Dead+1.0 Wind 270 deg+1.0 Ice+1.0 Temp
37	1.2 Dead+1.0 Wind 300 deg+1.0 Ice+1.0 Temp
38	1.2 Dead+1.0 Wind 330 deg+1.0 Ice+1.0 Temp
39	Dead+Wind 0 deg - Service
40	Dead+Wind 30 deg - Service
41	Dead+Wind 60 deg - Service
42	Dead+Wind 90 deg - Service
43	Dead+Wind 120 deg - Service
44	Dead+Wind 150 deg - Service
45	Dead+Wind 180 deg - Service
46	Dead+Wind 210 deg - Service

Comb. No.	Description
47	Dead+Wind 240 deg - Service
48	Dead+Wind 270 deg - Service
49	Dead+Wind 300 deg - Service
50	Dead+Wind 330 deg - Service

Maximum Member Forces

Section No.	Elevation ft	Component Type	Condition	Gov. Load Comb.	Axial K	Major Axis Moment kip-ft	Minor Axis Moment kip-ft
L1	102.92 - 90	Pole	Max Tension	9	0.00	0.00	-0.00
			Max. Compression	26	-1.49	-0.00	-0.00
			Max. Mx	20	-0.58	8.04	0.00
			Max. My	2	-0.58	0.00	8.04
			Max. Vy	20	-0.94	8.04	0.00
			Max. Vx	2	-0.94	0.00	8.04
			Max. Torque	4			-0.00
L2	90 - 45.08	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-35.56	0.53	-0.53
			Max. Mx	20	-16.27	735.81	1.02
			Max. My	2	-16.28	1.39	732.62
			Max. Vy	20	-21.10	735.81	1.02
			Max. Vx	2	-20.94	1.39	732.62
			Max. Torque	13			0.39
L3	45.08 - 0	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-54.36	3.03	2.61
			Max. Mx	20	-29.16	1856.00	3.89
			Max. My	2	-29.16	4.24	1846.16
			Max. Vy	20	-24.17	1856.00	3.89
			Max. Vx	2	-24.07	4.24	1846.16
			Max. Torque	21			-2.40

Maximum Reactions

Location	Condition	Gov. Load Comb.	Vertical K	Horizontal, X K	Horizontal, Z K
Pole	Max. Vert	26	54.36	-0.00	-0.00
	Max. H_x	21	21.90	24.13	0.02
	Max. H_z	2	29.19	0.02	24.03
	Max. M_x	2	1846.16	0.02	24.03
	Max. M_z	8	1850.99	-24.13	-0.02
	Max. Torsion	9	2.39	-24.13	-0.02
	Min. Vert	9	21.90	-24.13	-0.02
	Min. H_x	8	29.19	-24.13	-0.02
	Min. H_z	14	29.19	-0.02	-24.03
	Min. M_x	14	-1841.80	-0.02	-24.03
	Min. M_z	20	-1856.00	24.13	0.02
	Min. Torsion	21	-2.39	24.13	0.02

Tower Mast Reaction Summary

Load Combination	Vertical K	$Shear_x$ K	$Shear_z$ K	Overturning Moment, M_x kip-ft	Overturning Moment, M_z kip-ft	Torque kip-ft
Dead Only	24.33	0.00	0.00	-1.75	2.01	0.00
1.2 Dead+1.6 Wind 0 deg - No Ice	29.19	-0.02	-24.03	-1846.16	4.24	0.25
0.9 Dead+1.6 Wind 0 deg - No Ice	21.90	-0.02	-24.03	-1819.93	3.56	0.25
1.2 Dead+1.6 Wind 30 deg - No Ice	29.19	11.95	-20.80	-1598.41	-916.03	-0.98
0.9 Dead+1.6 Wind 30 deg -	21.90	11.95	-20.80	-1575.69	-903.92	-0.98

Load Combination	Vertical	$Shear_x$	$Shear_z$	Overturning Moment, M_x	Overturning Moment, M_z	Torque
	K	K	K	kip-ft	kip-ft	kip-ft
No Ice						
1.2 Dead+1.6 Wind 60 deg - No Ice	29.19	20.72	-12.00	-922.78	-1590.18	-1.95
0.9 Dead+1.6 Wind 60 deg - No Ice	21.90	20.72	-12.00	-909.44	-1568.71	-1.95
1.2 Dead+1.6 Wind 90 deg - No Ice	29.19	24.13	0.02	-0.46	-1850.99	-2.39
0.9 Dead+1.6 Wind 90 deg - No Ice	21.90	24.13	0.02	0.07	-1825.85	-2.39
1.2 Dead+1.6 Wind 120 deg - No Ice	29.19	20.74	12.03	921.38	-1591.88	-2.20
0.9 Dead+1.6 Wind 120 deg - No Ice	21.90	20.74	12.03	909.13	-1570.38	-2.20
1.2 Dead+1.6 Wind 150 deg - No Ice	29.19	12.00	20.85	1597.01	-919.71	-1.41
0.9 Dead+1.6 Wind 150 deg - No Ice	21.90	12.00	20.85	1575.38	-907.56	-1.41
1.2 Dead+1.6 Wind 180 deg - No Ice	29.19	0.02	24.03	1841.80	0.81	-0.25
0.9 Dead+1.6 Wind 180 deg - No Ice	21.90	0.02	24.03	1816.69	0.18	-0.25
1.2 Dead+1.6 Wind 210 deg - No Ice	29.19	-11.95	20.80	1594.04	921.06	0.98
0.9 Dead+1.6 Wind 210 deg - No Ice	21.90	-11.95	20.80	1572.45	907.65	0.98
1.2 Dead+1.6 Wind 240 deg - No Ice	29.19	-20.72	12.00	918.41	1595.20	1.95
0.9 Dead+1.6 Wind 240 deg - No Ice	21.90	-20.72	12.00	906.20	1572.43	1.95
1.2 Dead+1.6 Wind 270 deg - No Ice	29.19	-24.13	-0.02	-3.89	1856.00	2.39
0.9 Dead+1.6 Wind 270 deg - No Ice	21.90	-24.13	-0.02	-3.31	1829.71	2.39
1.2 Dead+1.6 Wind 300 deg - No Ice	29.19	-20.74	-12.03	-925.73	1596.90	2.20
0.9 Dead+1.6 Wind 300 deg - No Ice	21.90	-20.74	-12.03	-912.35	1574.11	2.20
1.2 Dead+1.6 Wind 330 deg - No Ice	29.19	-12.00	-20.85	-1601.36	924.76	1.41
0.9 Dead+1.6 Wind 330 deg - No Ice	21.90	-12.00	-20.85	-1578.61	911.30	1.41
1.2 Dead+1.0 Ice+1.0 Temp	54.36	0.00	0.00	-2.61	3.03	0.00
1.2 Dead+1.0 Wind 0 deg+1.0 Ice+1.0 Temp	54.36	-0.00	-7.89	-641.50	3.66	0.06
1.2 Dead+1.0 Wind 30 deg+1.0 Ice+1.0 Temp	54.36	3.92	-6.83	-555.78	-315.04	-0.46
1.2 Dead+1.0 Wind 60 deg+1.0 Ice+1.0 Temp	54.36	6.80	-3.94	-321.80	-548.46	-0.87
1.2 Dead+1.0 Wind 90 deg+1.0 Ice+1.0 Temp	54.36	7.85	0.00	-2.32	-633.98	-1.03
1.2 Dead+1.0 Wind 120 deg+1.0 Ice+1.0 Temp	54.36	6.80	3.95	317.04	-548.87	-0.93
1.2 Dead+1.0 Wind 150 deg+1.0 Ice+1.0 Temp	54.36	3.93	6.84	550.71	-315.75	-0.57
1.2 Dead+1.0 Wind 180 deg+1.0 Ice+1.0 Temp	54.36	0.00	7.89	636.02	2.84	-0.06
1.2 Dead+1.0 Wind 210 deg+1.0 Ice+1.0 Temp	54.36	-3.92	6.83	550.30	321.54	0.46
1.2 Dead+1.0 Wind 240 deg+1.0 Ice+1.0 Temp	54.36	-6.80	3.94	316.32	554.95	0.87
1.2 Dead+1.0 Wind 270 deg+1.0 Ice+1.0 Temp	54.36	-7.85	-0.00	-3.15	640.47	1.03
1.2 Dead+1.0 Wind 300 deg+1.0 Ice+1.0 Temp	54.36	-6.80	-3.95	-322.51	555.37	0.93
1.2 Dead+1.0 Wind 330 deg+1.0 Ice+1.0 Temp	54.36	-3.93	-6.84	-556.19	322.26	0.57
Dead+Wind 0 deg - Service	24.33	-0.00	-5.14	-393.77	2.45	0.06
Dead+Wind 30 deg - Service	24.33	2.56	-4.45	-341.08	-193.14	-0.21
Dead+Wind 60 deg - Service	24.33	4.43	-2.57	-197.48	-336.42	-0.42

Load Combination	Vertical	$Shear_x$	$Shear_z$	Overturning Moment, M_x	Overturning Moment, M_z	Torque
	K	K	K	kip-ft	kip-ft	kip-ft
Dead+Wind 90 deg - Service	24.33	5.16	0.00	-1.45	-391.91	-0.52
Dead+Wind 120 deg - Service	24.33	4.44	2.57	194.48	-336.79	-0.47
Dead+Wind 150 deg - Service	24.33	2.57	4.46	338.08	-193.93	-0.31
Dead+Wind 180 deg - Service	24.33	0.00	5.14	390.14	1.72	-0.06
Dead+Wind 210 deg - Service	24.33	-2.56	4.45	337.45	197.31	0.21
Dead+Wind 240 deg - Service	24.33	-4.43	2.57	193.85	340.59	0.42
Dead+Wind 270 deg - Service	24.33	-5.16	-0.00	-2.18	396.07	0.52
Dead+Wind 300 deg - Service	24.33	-4.44	-2.57	-198.11	340.96	0.47
Dead+Wind 330 deg - Service	24.33	-2.57	-4.46	-341.71	198.10	0.31

Solution Summary

	Sum of Applied Forces			Sum of Reactions			
Load Comb.	PX	PY	PZ	PX	PY	PZ	% Error
	K	K	K	K	K	K	
1	0.00	-24.33	0.00	-0.00	24.33	-0.00	0.002%
2	-0.02	-29.19	-24.03	0.02	29.19	24.03	0.004%
3	-0.02	-21.90	-24.03	0.02	21.90	24.03	0.008%
4	11.95	-29.19	-20.80	-11.95	29.19	20.80	0.000%
5	11.95	-21.90	-20.80	-11.95	21.90	20.80	0.000%
6	20.72	-29.19	-12.00	-20.72	29.19	12.00	0.000%
7	20.72	-21.90	-12.00	-20.72	21.90	12.00	0.000%
8	24.14	-29.19	0.02	-24.13	29.19	-0.02	0.004%
9	24.14	-21.90	0.02	-24.13	21.90	-0.02	0.008%
10	20.74	-29.19	12.03	-20.74	29.19	-12.03	0.000%
11	20.74	-21.90	12.03	-20.74	21.90	-12.03	0.000%
12	12.00	-29.19	20.85	-12.00	29.19	-20.85	0.000%
13	12.00	-21.90	20.85	-12.00	21.90	-20.85	0.000%
14	0.02	-29.19	24.03	-0.02	29.19	-24.03	0.004%
15	0.02	-21.90	24.03	-0.02	21.90	-24.03	0.008%
16	-11.95	-29.19	20.80	11.95	29.19	-20.80	0.000%
17	-11.95	-21.90	20.80	11.95	21.90	-20.80	0.000%
18	-20.72	-29.19	12.00	20.72	29.19	-12.00	0.000%
19	-20.72	-21.90	12.00	20.72	21.90	-12.00	0.000%
20	-24.14	-29.19	-0.02	24.13	29.19	0.02	0.004%
21	-24.14	-21.90	-0.02	24.13	21.90	0.02	0.003%
22	-20.74	-29.19	-12.03	20.74	29.19	12.03	0.000%
23	-20.74	-21.90	-12.03	20.74	21.90	12.03	0.000%
24	-12.00	-29.19	-20.85	12.00	29.19	20.85	0.000%
25	-12.00	-21.90	-20.85	12.00	21.90	20.85	0.000%
26	0.00	-54.36	0.00	-0.00	54.36	-0.00	0.002%
27	-0.00	-54.36	-7.89	0.00	54.36	7.89	0.002%
28	3.92	-54.36	-6.83	-3.92	54.36	6.83	0.001%
29	6.80	-54.36	-3.94	-6.80	54.36	3.94	0.001%
30	7.85	-54.36	0.00	-7.85	54.36	-0.00	0.002%
31	6.80	-54.36	3.95	-6.80	54.36	-3.95	0.001%
32	3.93	-54.36	6.84	-3.93	54.36	-6.84	0.001%
33	0.00	-54.36	7.89	-0.00	54.36	-7.89	0.002%
34	-3.92	-54.36	6.83	3.92	54.36	-6.83	0.001%
35	-6.80	-54.36	3.94	6.80	54.36	-3.94	0.001%
36	-7.85	-54.36	-0.00	7.85	54.36	0.00	0.002%
37	-6.80	-54.36	-3.95	6.80	54.36	3.95	0.001%
38	-3.93	-54.36	-6.84	3.93	54.36	6.84	0.001%
39	-0.00	-24.33	-5.14	0.00	24.33	5.14	0.003%
40	2.56	-24.33	-4.45	-2.56	24.33	4.45	0.003%
41	4.43	-24.33	-2.57	-4.43	24.33	2.57	0.003%
42	5.16	-24.33	0.00	-5.16	24.33	-0.00	0.003%
43	4.44	-24.33	2.57	-4.44	24.33	-2.57	0.003%
44	2.57	-24.33	4.46	-2.57	24.33	-4.46	0.003%

Load Comb.	Sum of Applied Forces PX K	PY K	PZ K	Sum of Reactions PX K	PY K	PZ K	% Error
45	0.00	-24.33	5.14	-0.00	24.33	-5.14	0.003%
46	-2.56	-24.33	4.45	2.56	24.33	-4.45	0.003%
47	-4.43	-24.33	2.57	4.43	24.33	-2.57	0.003%
48	-5.16	-24.33	-0.00	5.16	24.33	0.00	0.003%
49	-4.44	-24.33	-2.57	4.44	24.33	2.57	0.003%
50	-2.57	-24.33	-4.46	2.57	24.33	4.46	0.003%

Non-Linear Convergence Results

Load Combination	Converged?	Number of Cycles	Displacement Tolerance	Force Tolerance
1	Yes	6	0.00000001	0.00000846
2	Yes	15	0.00005719	0.00007991
3	Yes	14	0.00008552	0.00013750
4	Yes	19	0.00000001	0.00008144
5	Yes	18	0.00000001	0.00012862
6	Yes	19	0.00000001	0.00008184
7	Yes	18	0.00000001	0.00012926
8	Yes	15	0.00005717	0.00008768
9	Yes	14	0.00008547	0.00014819
10	Yes	19	0.00000001	0.00008064
11	Yes	18	0.00000001	0.00012734
12	Yes	19	0.00000001	0.00008239
13	Yes	18	0.00000001	0.00013021
14	Yes	15	0.00005722	0.00008254
15	Yes	14	0.00008554	0.00014180
16	Yes	19	0.00000001	0.00008145
17	Yes	18	0.00000001	0.00012855
18	Yes	19	0.00000001	0.00008110
19	Yes	18	0.00000001	0.00012802
20	Yes	15	0.00005714	0.00009299
21	Yes	15	0.00003587	0.00006838
22	Yes	19	0.00000001	0.00008300
23	Yes	18	0.00000001	0.00013099
24	Yes	19	0.00000001	0.00008133
25	Yes	18	0.00000001	0.00012818
26	Yes	6	0.00000001	0.00001974
27	Yes	16	0.00012590	0.00003041
28	Yes	17	0.00000001	0.00007983
29	Yes	17	0.00000001	0.00008099
30	Yes	16	0.00012600	0.00003092
31	Yes	17	0.00000001	0.00007884
32	Yes	17	0.00000001	0.00008121
33	Yes	16	0.00012601	0.00003036
34	Yes	17	0.00000001	0.00008089
35	Yes	17	0.00000001	0.00007973
36	Yes	16	0.00012594	0.00003119
37	Yes	17	0.00000001	0.00008256
38	Yes	17	0.00000001	0.00008016
39	Yes	14	0.00000001	0.00005259
40	Yes	14	0.00000001	0.00007030
41	Yes	14	0.00000001	0.00007125
42	Yes	14	0.00000001	0.00005266
43	Yes	14	0.00000001	0.00006654
44	Yes	14	0.00000001	0.00007272
45	Yes	14	0.00000001	0.00005228
46	Yes	14	0.00000001	0.00006993
47	Yes	14	0.00000001	0.00006892
48	Yes	14	0.00000001	0.00005314
49	Yes	14	0.00000001	0.00007466
50	Yes	14	0.00000001	0.00006860

Maximum Tower Deflections - Service Wind

Section No.	Elevation ft	Horz. Deflection in	Gov. Load Comb.	Tilt °	Twist °
L1	102.92 - 90	21.32	48	1.8181	0.0021
L2	90 - 45.08	16.41	48	1.8061	0.0021
L3	48.92 - 0	4.26	48	0.8666	0.0011

Critical Deflections and Radius of Curvature - Service Wind

Elevation ft	Appurtenance	Gov. Load Comb.	Deflection in	Tilt °	Twist °	Radius of Curvature ft
101.0000	5' Sector Frame T-Arm Mount	48	20.58	1.8220	0.0021	13868
90.0000	7770_TIA w/ Mount Pipe	48	16.41	1.8061	0.0021	5513
82.0000	(2) MX06FRO660-03_TIA w/ Mount Pipe	48	13.52	1.7092	0.0020	3932
72.0000	APXVTM14-C-120_TIA w/ Mount Pipe	48	10.20	1.4975	0.0018	2944
28.0000	5' Sector Frame T-Arm Mount	48	1.45	0.4204	0.0006	3254

Maximum Tower Deflections - Design Wind

Section No.	Elevation ft	Horz. Deflection in	Gov. Load Comb.	Tilt °	Twist °
L1	102.92 - 90	99.92	20	8.5456	0.0098
L2	90 - 45.08	76.92	20	8.4891	0.0098
L3	48.92 - 0	19.98	20	4.0696	0.0050

Critical Deflections and Radius of Curvature - Design Wind

Elevation ft	Appurtenance	Gov. Load Comb.	Deflection in	Tilt °	Twist °	Radius of Curvature ft
101.0000	5' Sector Frame T-Arm Mount	20	96.46	8.5639	0.0099	3081
90.0000	7770_TIA w/ Mount Pipe	20	76.92	8.4891	0.0098	1222
82.0000	(2) MX06FRO660-03_TIA w/ Mount Pipe	20	63.41	8.0329	0.0093	866
72.0000	APXVTM14-C-120_TIA w/ Mount Pipe	20	47.84	7.0369	0.0082	643
28.0000	5' Sector Frame T-Arm Mount	20	6.80	1.9726	0.0029	695

Compression Checks

Pole Design Data

Section No.	Elevation ft	Size	L ft	L_u ft	Kl/r	A in^2	P_u K	ϕP_n K	Ratio $\frac{P_u}{\phi P_n}$
L1	102.92 - 90 (1)	TP13x13x0.25	12.9200	0.0000	0.0	10.0138	-0.58	315.44	0.002
L2	90 - 45.08 (2)	TP26.7925x13x0.25	44.9200	0.0000	0.0	20.1259	-16.27	1490.03	0.011
L3	45.08 - 0 (3)	TP40x25.1134x0.3125	48.9200	0.0000	0.0	39.3650	-29.16	2727.07	0.011

Pole Bending Design Data

Section No.	Elevation ft	Size	M_{ux} kip-ft	ϕM_{nx} kip-ft	Ratio $\frac{M_{ux}}{\phi M_{nx}}$	M_{uy} kip-ft	ϕM_{ny} kip-ft	Ratio $\frac{M_{uy}}{\phi M_{ny}}$
L1	102.92 - 90 (1)	TP13x13x0.25	8.05	106.69	0.075	0.00	106.69	0.000
L2	90 - 45.08 (2)	TP26.7925x13x0.25	735.81	775.60	0.949	0.00	775.60	0.000
L3	45.08 - 0 (3)	TP40x25.1134x0.3125	1856.00	2225.54	0.834	0.00	2225.54	0.000

Pole Shear Design Data

Section No.	Elevation ft	Size	Actual V_u K	ϕV_n K	Ratio $\frac{V_u}{\phi V_n}$	Actual T_u kip-ft	ϕT_n kip-ft	Ratio $\frac{T_u}{\phi T_n}$
L1	102.92 - 90 (1)	TP13x13x0.25	0.94	157.72	0.006	0.00	164.42	0.000
L2	90 - 45.08 (2)	TP26.7925x13x0.25	21.10	745.02	0.028	0.14	1555.40	0.000
L3	45.08 - 0 (3)	TP40x25.1134x0.3125	24.17	1363.53	0.018	2.39	4461.82	0.001

Pole Interaction Design Data

Section No.	Elevation ft	Ratio $\frac{P_u}{\phi P_n}$	Ratio $\frac{M_{ux}}{\phi M_{nx}}$	Ratio $\frac{M_{uy}}{\phi M_{ny}}$	Ratio $\frac{V_u}{\phi V_n}$	Ratio $\frac{T_u}{\phi T_n}$	Comb. Stress Ratio	Allow. Stress Ratio	Criteria
L1	102.92 - 90 (1)	0.002	0.075	0.000	0.006	0.000	0.077	1.000	4.8.2
L2	90 - 45.08 (2)	0.011	0.949	0.000	0.028	0.000	0.960	1.000	4.8.2
L3	45.08 - 0 (3)	0.011	0.834	0.000	0.018	0.001	0.845	1.000	4.8.2

Section Capacity Table

Section No.	Elevation ft	Component Type	Size	Critical Element	P K	ϕP_{allow} K	% Capacity	Pass Fail
L1	102.92 - 90	Pole	TP13x13x0.25	1	-0.58	315.44	7.7	Pass
L2	90 - 45.08	Pole	TP26.7925x13x0.25	2	-16.27	1490.03	96.0	Pass
L3	45.08 - 0	Pole	TP40x25.1134x0.3125	3	-29.16	2727.07	84.5	Pass
							Summary	
						Pole (L2)	96.0	Pass
						RATING =	**96.0**	**Pass**

APPENDIX B

ADDITIONAL CALCULATIONS

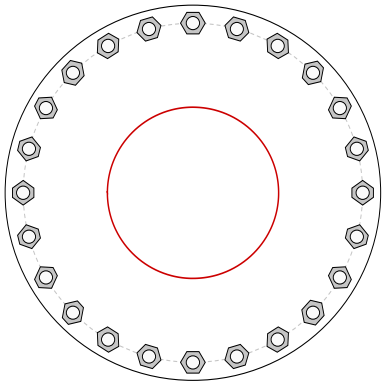
Monopole Flange Plate Connection

Elevation = 90 ft.

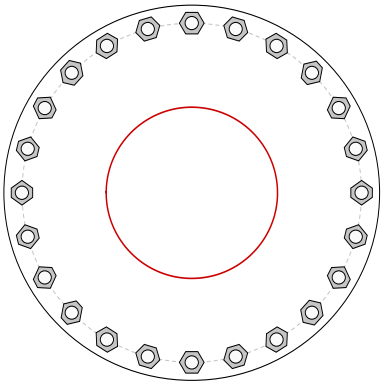
BU #	469274-VZW
Site Name	Stratford CT
Order #	
TIA-222 Revision	G

Applied Loads	
Moment (kip-ft)	8.05
Axial Force (kips)	0.58
Shear Force (kips)	0.94

Top Plate - External



Bottom Plate - External



Connection Properties

Bolt Data

(24) 1" ø bolts (A325 N; Fy=92 ksi, Fu=120 ksi) on 25.75" BC

Top Plate Data

28.5" OD x 1.5" Plate (A572-60; Fy=60 ksi, Fu=75 ksi)

Bottom Plate Data

28.5" OD x 1.5" Plate (A572-60; Fy=60 ksi, Fu=75 ksi)

Top Stiffener Data

N/A

Bottom Stiffener Data

N/A

Top Pole Data

13" x 0.25" round pole (A53-B-35; Fy=35 ksi, Fu=60 ksi)

Bottom Pole Data

13" x 0.25" 18-sided pole (A572-65; Fy=65 ksi, Fu=80 ksi)

Analysis Results

Bolt Capacity

Max Load (kips)	0.60	
Allowable (kips)	54.54	
Stress Rating:	**1.1%**	Pass

Top Plate Capacity

Max Stress (ksi):	1.56	(Flexural)
Allowable Stress (ksi):	54.00	
Stress Rating:	**2.9%**	Pass
Tension Side Stress Rating:	**4.0%**	Pass

Bottom Plate Capacity

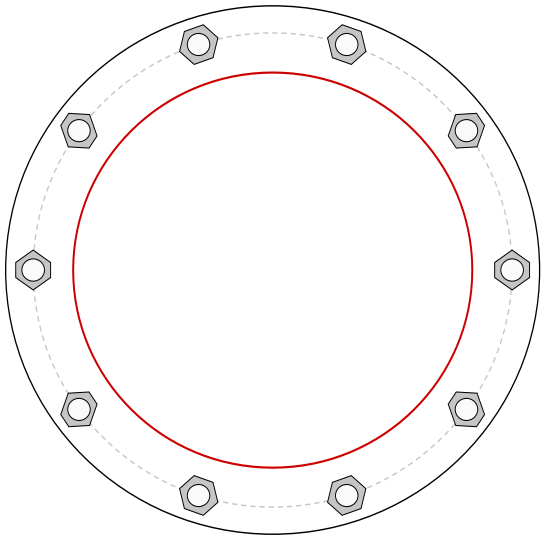
Max Stress (ksi):	1.56	(Flexural)
Allowable Stress (ksi):	54.00	
Stress Rating:	**2.9%**	Pass
Tension Side Stress Rating:	**4.0%**	Pass

Monopole Base Plate Connection

Site Info	
BU #	469274-VZW
Site Name	Stratford CT
Order #	

Analysis Considerations	
TIA-222 Revision	G
Grout Considered:	No
l_{ar} (in)	2.25
Eta Factor, η	0.5

Applied Loads	
Moment (kip-ft)	1856.00
Axial Force (kips)	29.16
Shear Force (kips)	24.17



Connection Properties

Anchor Rod Data

(10) 2-1/4" ø bolts (A615-75 N; Fy=75 ksi, Fu=100 ksi) on 48" BC

Base Plate Data

53.5" OD x 1.75" Plate (A572-60; Fy=60 ksi, Fu=75 ksi)

Stiffener Data

N/A

Pole Data

40" x 0.3125" 18-sided pole (A572-65; Fy=65 ksi, Fu=80 ksi)

Analysis Results

Anchor Rod Summary *(units of kips, kip-in)*

Pu_c = 188.35	ϕPn_t = 260	**Stress Rating**
Vu = 2.42	ϕVn = n/a	**74.3%**
Mu = n/a	ϕMn = n/a	**Pass**

Base Plate Summary

Max Stress (ksi):	49.87	(Flexural)
Allowable Stress (ksi):	54	
Stress Rating:	**92.4%**	**Pass**

Drilled Pier Foundation

BU # :	469274-VZW
Site Name:	Stratford CT
Order Number:	

TIA-222 Revison:	G
Tower Type:	Monopole

Applied Loads	Comp.	Uplift
Moment (kip-ft)	1867.27	
Axial Force (kips)	32.05	
Shear Force (kips)	24.29	

Material Properties		
Concrete Strength, f'c:	4	ksi
Rebar Strength, Fy:	60	ksi
Tie Yield Strength, Fyt:	60	ksi

Pier Design Data		
Depth	15	ft
Ext. Above Grade	1	ft
Pier Section 1		
From 1' above grade to 15' below grade		
Pier Diameter	6	ft
Rebar Quantity	14	
Rebar Size	11	
Clear Cover to Ties	4	in
Tie Size	4	
Tie Spacing		in

Rebar & Pier Options

Embedded Pole Inputs

Belled Pier Inputs

Analysis Results		
Soil Lateral Check	*Compression*	*Uplift*
$D_{v=0}$ (ft from TOC)	10.10	-
Soil Safety Factor	2.73	-
Max Moment (kip-ft)	2204.90	-
Rating	*48.7%*	-
Soil Vertical Check	*Compression*	*Uplift*
Skin Friction (kips)	0.00	-
End Bearing (kips)	508.94	-
Weight of Concrete (kips)	81.43	-
Total Capacity (kips)	508.94	-
Axial (kips)	113.48	-
Rating	*22.3%*	-
Reinforced Concrete Flexure	*Compression*	*Uplift*
Critical Depth (ft from TOC)	10.07	-
Critical Moment (kip-ft)	2204.83	-
Critical Moment Capacity	3102.96	-
Rating	*71.1%*	-
Reinforced Concrete Shear	*Compression*	*Uplift*
Critical Depth (ft from TOC)	0.00	-
Critical Shear (kip)	24.29	-
Critical Shear Capacity	363.19	-
Rating	*6.7%*	-

Soil Interaction Rating	**48.7%**
Structural Foundation Rating	**71.1%**

Check Limitation	
N/A	☑
Load Z Normalization:	☐
Shear Design Options	
Check Shear along Depth of Pier:	☐
N/A	☐
N/A	☐

Go to Soil Calculations

Soil Profile

Groundwater Depth	N/A	# of Layers	2

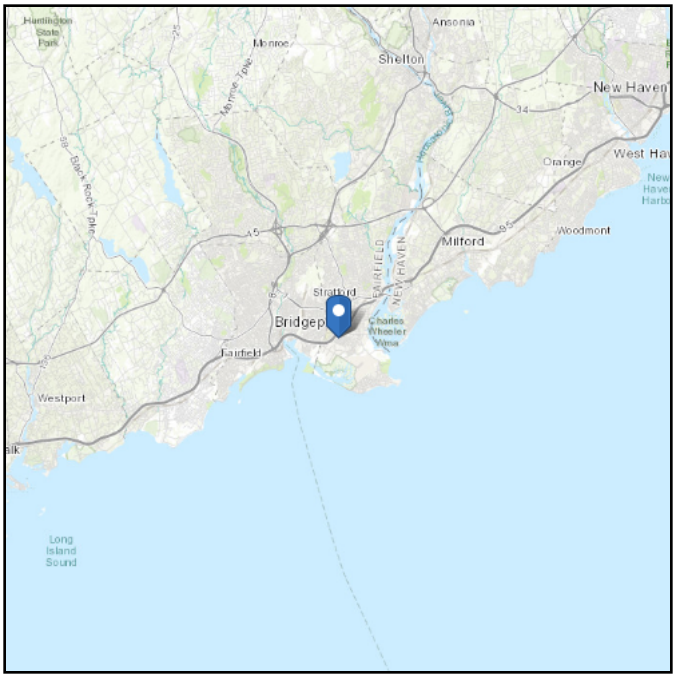
Layer	Top (ft)	Bottom (ft)	Thickness (ft)	γ_{soil} (pcf)	$\gamma_{concrete}$ (pcf)	Cohesion (ksf)	Angle of Friction (degrees)	Calculated Ultimate Skin Friction Comp (ksf)	Calculated Ultimate Skin Friction Uplift (ksf)	Ultimate Skin Friction Comp Override (ksf)	Ultimate Skin Friction Uplift Override (ksf)	Ult. Gross Bearing Capacity (ksf)	SPT Blow Count	Soil Type
1	0	9	9	100	150	0	0	0.000	0.000	0.00	0.00			Cohesionless
2	9	15	6	170	150	14.4	0	6.480	6.480	0.00	0.00	24		Cohesive

ASCE 7 Hazards Report

Address:
No Address at This Location

Standard: ASCE/SEI 7-10
Risk Category: II
Soil Class: D - Stiff Soil

Elevation: 13.94 ft (NAVD 88)
Latitude: 41.176886
Longitude: -73.14616



Wind

Results:

Wind Speed:	124 Vmph
10-year MRI	77 Vmph
25-year MRI	87 Vmph
50-year MRI	93 Vmph
100-year MRI	100 Vmph
Data Source:	ASCE/SEI 7-10, Fig. 26.5-1A and Figs. CC-1–CC-4, incorporating errata of March 12, 2014
Date Accessed:	Wed Dec 23 2020

Value provided is 3-second gust wind speeds at 33 ft above ground for Exposure C Category, based on linear interpolation between contours. Wind speeds are interpolated in accordance with the 7-10 Standard. Wind speeds correspond to approximately a 7% probability of exceedance in 50 years (annual exceedance probability = 0.00143, MRI = 700 years).

Site is in a hurricane-prone region as defined in ASCE/SEI 7-10 Section 26.2. Glazed openings need not be protected against wind-borne debris.

Mountainous terrain, gorges, ocean promontories, and special wind regions should be examined for unusual wind conditions.

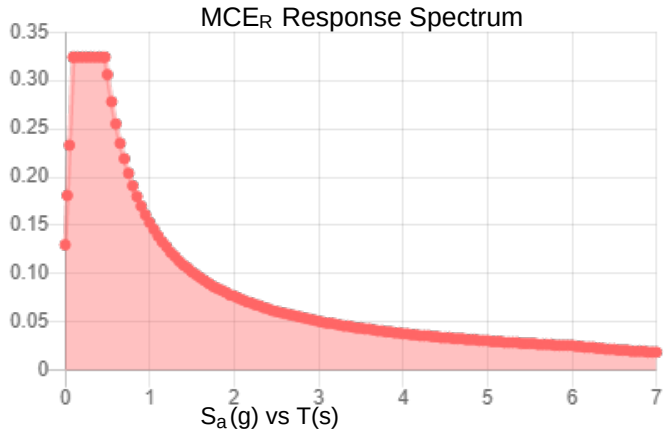
Seismic

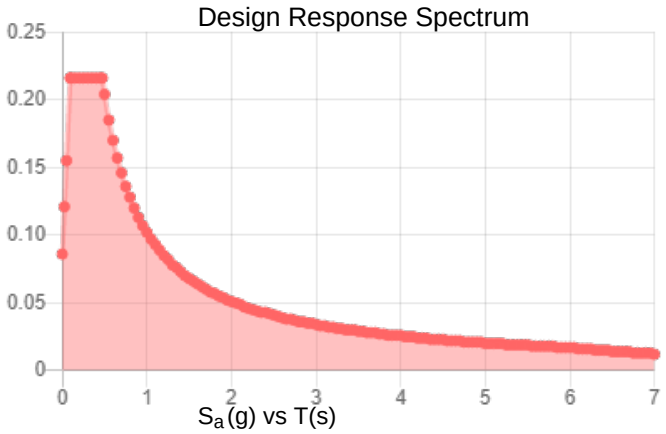
Site Soil Class: D - Stiff Soil

Results:

S_S :	0.203	S_{DS} :	0.216
S_1 :	0.064	S_{D1} :	0.102
F_a :	1.6	T_L :	6
F_v :	2.4	PGA :	0.109
S_{MS} :	0.324	PGA_M :	0.173
S_{M1} :	0.153	F_{PGA} :	1.582
		I_e :	1

Seismic Design Category B





Data Accessed: Wed Dec 23 2020

Date Source: USGS Seismic Design Maps based on ASCE/SEI 7-10, incorporating Supplement 1 and errata of March 31, 2013, and ASCE/SEI 7-10 Table 1.5-2. Additional data for site-specific ground motion procedures in accordance with ASCE/SEI 7-10 Ch. 21 are available from USGS.

Ice

Results:

Ice Thickness:	0.75 in.
Concurrent Temperature:	15 F
Gust Speed:	50 mph
Data Source:	Standard ASCE/SEI 7-10, Figs. 10-2 through 10-8
Date Accessed:	Wed Dec 23 2020

Ice thicknesses on structures in exposed locations at elevations higher than the surrounding terrain and in valleys and gorges may exceed the mapped values.

Values provided are equivalent radial ice thicknesses due to freezing rain with concurrent 3-second gust speeds, for a 50-year mean recurrence interval, and temperatures concurrent with ice thicknesses due to freezing rain. Thicknesses for ice accretions caused by other sources shall be obtained from local meteorological studies. Ice thicknesses in exposed locations at elevations higher than the surrounding terrain and in valleys and gorges may exceed the mapped values.

MASER CONSULTING
— CONNECTICUT —

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Red Bank, NJ 07701
T: 732.383.1950
www.maserconsulting.com

March 29, 2021

Mr. Andrew Leone
Verizon Wireless
20 Alexander Dr.
Wallingford, CT 06492

Re: Verizon Wireless antenna Model Clarification for CT Siting Council

Dear Mr. Leone,

This letter is intended to clarify and confirm the antenna naming convention used by Verizon Wireless as a part of an antenna upgrade project on numerous wireless facilities.

The antenna naming convention "Licensed Sub-6, L-Sub6, nL-Sub6, VZS01" and any other slight variants refer to the 64T64RMMU antenna manufactured by Samsung Electronics. These names are interchangeable and are used in various documents, including but not limited to the "Antenna Mount Analysis".

If you have any questions or comments, or require additional information, please do not hesitate to contact me.

Very truly yours,
MASER CONSULTING CONNECTICUT

Petros Toukalas
Connecticut Professional Engineer
License Number: 32577

PAUL J. FORD & COMPANY

Date: **April 9, 2021**

Andrew Leone
Verizon Wireless
118 Flanders Road
Westborough, MA 01581

Paul J. Ford & Company
250 East Broad Street, Suite 600
Columbus, OH 43215
614.221.6679

Re: Stratford CT – L-Sub6/VZS01 Verizon Project

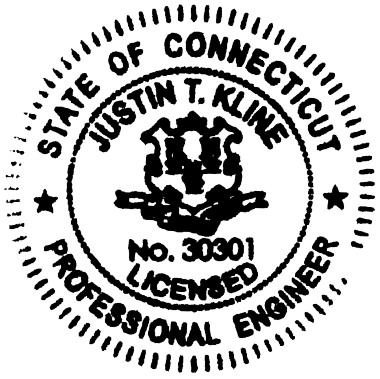
Structure:	Existing 102.92-ft Monopole
Verizon Site Name:	Stratford CT
Site Address:	623-627 Honeyspot Rd.
City, County, State:	Stratford, Fairfield County, CT
Latitude, Longitude:	41.176886, -73.14616
PJF Project:	42920-0011.001.7805

Dear Mr. Leone,

I am writing this letter to confirm that the Samsung 64T64R MMU antenna (referenced in the report as the VZS01 antenna) was used in Paul J. Ford & Company's Structural Analysis dated 2/4/2021 for the monopole described above.

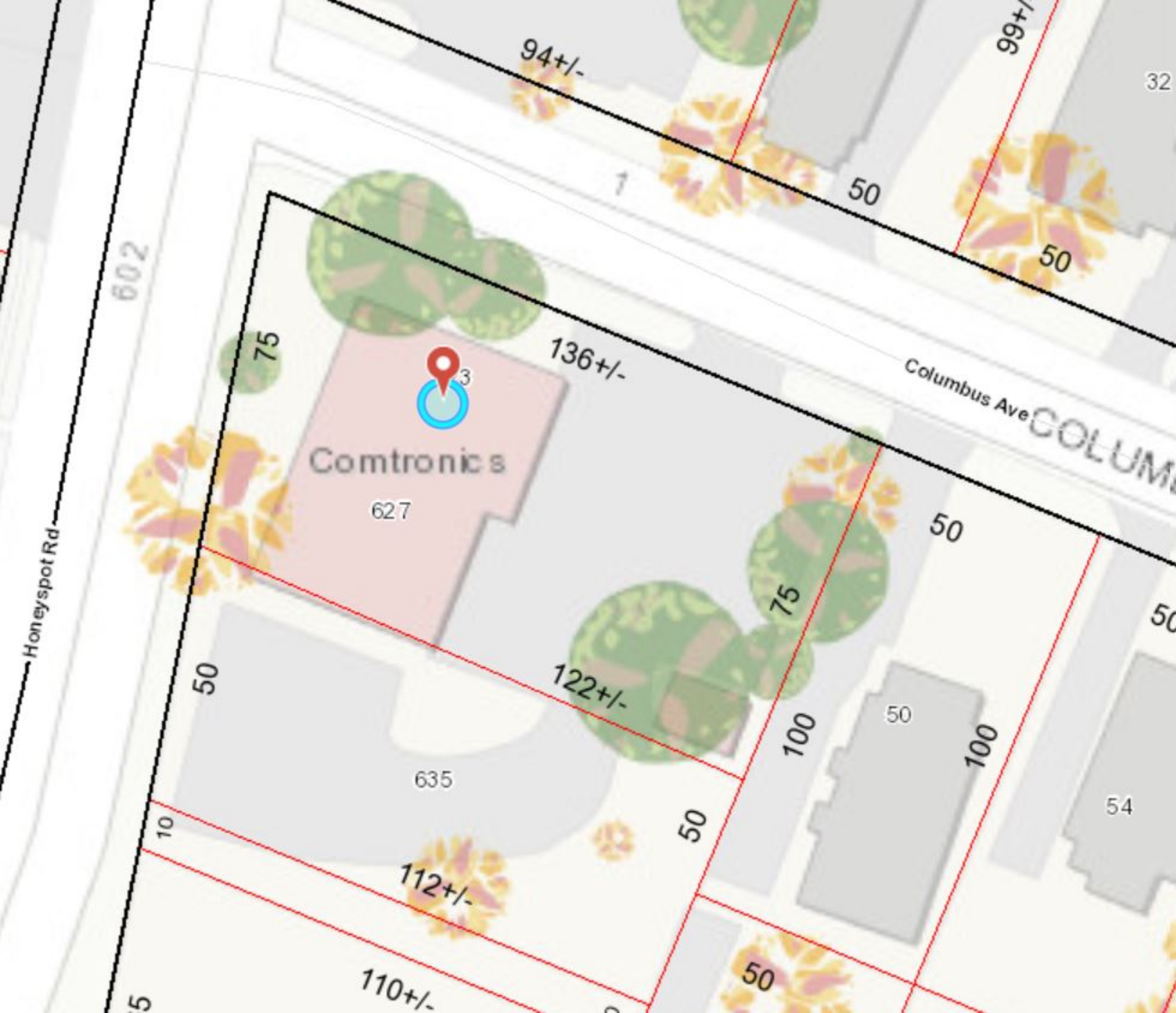
We at Paul J. Ford and Company appreciate the opportunity of providing our continuing professional services to you and Verizon Wireless. If you have any questions or need further assistance on this or any other projects, please give us a call.

Respectfully submitted by:



Seth Tschanen, P.E.
Project Engineer
stschanen@pauljford.com

Attachment 5



94+/-
32
1
50
50
602
75
136+/-
Columbus Ave
Comtronics
627
50
75
50
Honeyspot Rd
50
122+/-
100
50
100
54
635
10
50
112+/-
110+/-
50

Stratford, CT

623 HONEYSPOT RD

Location
623 HONEYSPOT RD
Mblu
30/6 12/ 6/ /
Acct#
0795100
Owner
BECKER LLC
PBN
Assessment
$802,690
Appraisal
$1,146,700
PID
8228
Building Count
1

Current Value

Appraisal

Valuation Year	Improvements	Land	Total
2019	$932,200	$214,500	$1,146,700

Assessment

Valuation Year	Improvements	Land	Total
2019	$652,540	$150,150	$802,690

Owner of Record

Owner	BECKER LLC
Co-Owner	
Address	951 BEAVER DAM RD STRATFORD, CT 06614
Sale Price	$0
Certificate	
Book	3374
Page	0243
Sale Date	04/20/2010
Instrument	04

Ownership History

Ownership History

Owner	Sale Price	Certificate	Instrument	Sale Date	Book	Page
BECKER LLC	$0		04	04/20/2010	3374	0243
BECKER JOHN & DEBORAH (SV)	$54,000		UNKQ	07/17/1984	0597	0087
TOTH JOHN S & CAROL A (SV)	$47,000		UNKQ	09/24/1982	0573	0794
PAOLA FRANK & ROSALIE (SV)	$24,000		UNKQ	03/21/1969	0448	0174

Building Information

Building 1 : Section 1

Year Built:	1985
Living Area:	2,616
Building Percent Good:	74

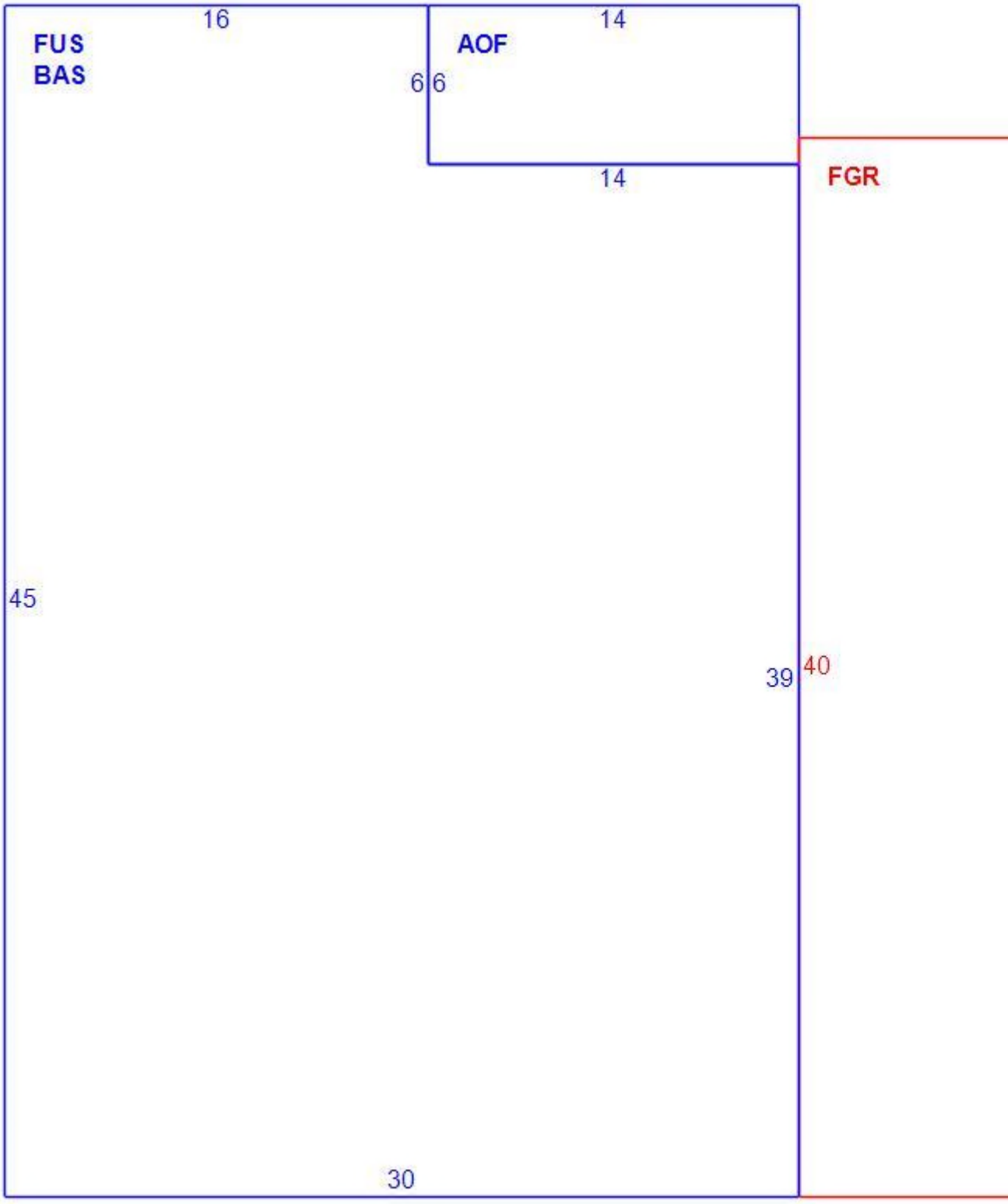
Building Attributes

Field	Description
STYLE	Telephone Bldg
MODEL	Commercial
Stories:	1 Story

Occupancy	1.00
Exterior Wall 1	Concr/Cinder
Exterior Wall 2	
Roof Structure	Flat
Roof Cover	Built Up
Interior Wall 1	Drywall/Sheet
Interior Wall 2	
Interior Floor 1	Vinyl/Asphalt
Interior Floor 2	Concr-Finished
Heating Fuel	Gas
Heating Type	Forced Air-Duc
AC Type	Partial
Struct Class	
Bldg Use	Tel Rel Tw
Usrfld 215	
Usrfld 216	
Usrfld 217	
Usrfld 218	
Usrfld 219	
1st Floor Use:	434
Heat/AC	Heat/AC Pkgs
Frame Type	Masonry
Baths/Plumbing	Average
Ceiling/Wall	Ceil & Walls
Rooms/Prtns	Average
Wall Height	10.00
% Comm Wall	

Building Photo 

Building Layout



Building Sub-Areas (sq ft) Legend

Code	Description	Gross Area	Living Area
BAS	First Floor	1,266	1,266
FUS	Finished Upper Story	1,266	1,266
AOF	Office Area	84	84
FGR	Garage	1,200	0
		3,816	2,616

Extra Features

Extra Features Legend

Code	Description	Size	Value	Bldg #
A/C	Air Condition	1866.00 S.F.	$3,600	1
MEZ1	Mezzanine - Unfin	144.00 S.F.	$1,500	1

Land

Land Use

Use Code	322
Description	Gar/Off
Zone	CA
Neighborhood	100
Alt Land Appr	No
Category	

Land Line Valuation

Size (Acres)	0.22
Frontage	0
Depth	0
Assessed Value	$150,150
Appraised Value	$214,500

Outbuildings

Outbuildings Legend

Code	Description	Sub Code	Sub Description	Size	Value	Bldg #
PAV	Paving	AS	Asphalt	4000.00 S.F.	$4,000	1
CTR	Cell Recievers			4.00 Units	$698,000	1

Valuation History

Appraisal

Valuation Year	Improvements	Land	Total
2020	$932,200	$214,500	$1,146,700
2019	$932,200	$214,500	$1,146,700
2018	$930,200	$195,000	$1,125,200

Assessment

Valuation Year	Improvements	Land	Total
2020	$652,540	$150,150	$802,690
2019	$652,540	$150,150	$802,690
2018	$651,140	$136,500	$787,640

closecloseclose

Attachment 6

UNITED STATES POSTAL SERVICE®

623-627 Honeyspot Road, Stratford, CT

Certificate of Mailing — Firm

Name and Address of Sender	TOTAL NO. of Pieces Listed by Sender	TOTAL NO. of Pieces Received at Post Office™	Affix Stamp Here ***Postmark with Date of Receipt.***
Kenneth C. Baldwin, Esq. Robinson & Cole LLP 280 Trumbull Street Hartford, CT 06103-3597		3	neopost 04/14/2021 US POSTAGE $002.89⁰ ZIP 06103 041L1220937
	Postmaster, per *(name of receiving employee)*		

USPS® Tracking Number Firm-specific Identifier	Address (Name, Street, City, State, and ZIP Code™)	Postage	Fee	Special Handling	Parcel Airlift
1.	Laura R. Hoydick, Mayor Town of Stratford 2725 Main Street Stratford, CT 06615		OLD STATE HOUSE STATION 06103 APR 14 2021 USPS		
2.	Jay Habansky, AICP Stratford Planning & Zoning Administrator Town of Stratford 2725 Main Street Stratford, CT 06615				
3.	Becker LLC 951 Beaver Dam Road Stratford, CT 06614				
4.					
5.					
6.					