

KENNETH C. BALDWIN

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Hartford, CT 06103-3597  
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Also admitted in Massachusetts  
and New York

October 1, 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  
Ridgefield Police Department – 76 East Ridge Avenue, Ridgefield, 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 and associated equipment on the ground adjacent to the tower. The tower and Cellco’s use of the tower were approved by the Siting Council (“Council”) in July of 1989 (Docket No. 113). A copy of the Council’s Docket No. 113 Decision and Order is included in Attachment 1.

Cellco now intends to modify its facility by replacing nine (9) existing antennas with three (3) new Samsung MT6407-77A antennas and six (6) JAHH-65B-R3B antennas on Cellco’s existing antenna platform. A set of project plans showing Cellco’s proposed facility modifications and new antennas 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 Ridgefield’s Chief Elected Official and Land Use Officer. The Town of Ridgefield is the owner of the Property.

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 new 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 Cellco's 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 and antenna platform, with certain modifications, can support Cellco's proposed modifications. Copies of the SA and MA are included in Attachment 4.

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).

Melanie A. Bachman, Esq.  
October 1, 2021  
Page 3

Sincerely,

A handwritten signature in black ink, appearing to read "Kenneth C. Baldwin". The signature is fluid and cursive, with a long horizontal stroke at the end.

Kenneth C. Baldwin

Enclosures

Copy to:

Rudy Marconi, Ridgefield First Selectman  
Richard Baldelli, Director of Planning & Zoning/ZEO  
Aleksey Tyurin

# **ATTACHMENT 1**



DOCKET NO. 113 - An application of  
Metro Mobile CTS of Fairfield County,  
Inc., for a Certificate of Environmental  
Compatibility and Public Need for  
cellular telephone antennas and  
associated equipment in the Town of  
Ridgefield, Connecticut.

: Connecticut  
:  
: Siting  
:  
: Council  
:September 8, 1989

DECISION AND ORDER

Pursuant to the foregoing Opinion, the Connecticut Siting Council finds that the effects associated with the construction, operation, and maintenance of a cellular monopole tower and associated equipment at the proposed Ridgefield site, including effects on the natural environment; ecological balance; public health and safety; scenic, historic, and recreational values; forests and parks; air and water purity; and fish and wildlife, are not significant either alone or cumulatively with other effects, are not in conflict with the policies of the State concerning such effects, and are not sufficient reason to deny the application, and therefore directs that a Certificate of Environmental Compatibility and Public Need, as provided by Section 16-50k of the Connecticut General Statutes (CGS) be issued to Metro Mobile CTS of Fairfield County, Inc., for the construction, operation, and maintenance of a cellular telephone tower site and associated equipment at the proposed site on Governor Street in Ridgefield, Connecticut.

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

1. The tower shall be a monopole no taller than necessary to provide the proposed service, and in no event shall the structure exceed a total height of 143 feet, including antennas.

2. The facility shall be constructed in accordance with applicable sections of the State of Connecticut Basic Building Code.
3. Unless necessary to comply with conditions of the Federal Aviation Administration, no lights shall be installed on this tower.
4. The Certificate Holder or its successor shall not oppose public or private entities who seek to share space on the tower unless technical reasons preclude such tower sharing.
5. The Certificate Holder or its successor shall notify the Council for acknowledgement or approval if and when directional antennas or any equipment other than that listed in this application are added to this facility.
6. If this facility does not provide, or permanently ceases to provide, cellular service following the completion of construction, this Decision and Order shall be void, and the tower and all associated equipment in this application shall be dismantled and removed or reapplication for any new use shall be made to the Council and a Certificate granted before any such new use is made.
7. The Certificate Holder shall comply with any future radio frequency (RF) standard, promulgated by State or federal regulatory agencies. Upon the establishment of any new governmental RF standards, the facility granted in this Decision and Order shall be brought into compliance with such standards.
8. Unless otherwise approved by the Council, this Decision and Order shall be void if all construction authorized herein is not completed within three years of the issuance of this Decision and Order, or within three years of the completion of any appeal taken in this Decision and Order.

Pursuant to Section 16-50p, we hereby direct that a copy of the Findings of Fact, Opinion, and Decision and Order be served on each person listed below. A notice of issuance shall be published in the Danbury News-Times, the Stamford Advocate, and the White Plains Reporter Dispatch.

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

The parties or intervenors to this proceeding are:

PARTY	ITS REPRESENTATIVE
Metro Mobile CTS of Fairfield County, Inc. 50 Rockland Road South Norwalk, CT 06854 ATTN: Phillip Mayberry General Manager	Jennifer Young Gaudet, Esq. David W. Bogan, Esq. Bryne, Slater, Sandler Shulman & Rouse, P.C. 330 Main Street P.O. Box 3216 Hartford, CT 06103  Fleischman and Walsh, P.C. 1400 16th Street, N.W. Suite 600 Washington, D.C. 20036 ATTN: Richard Rubin, Esq.
INTERVENOR	ITS REPRESENTATIVE
SNET Cellular, Inc. 227 Church Street New Haven, CT 06506	Peter J. Tyrrell Senior Attorney SNET Cellular, Inc. Room 1021 227 Church Street New Haven, CT 06506

3366E

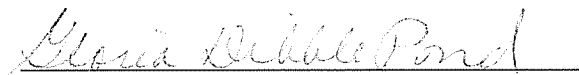
CERTIFICATION

The undersigned members of the Connecticut Siting Council hereby certify that they have heard this case in Docket No. 113 or read the record thereof, and that we voted as follows:

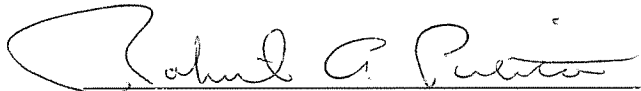
Dated at New Britain, Connecticut the 8th day of September, 1989.

Council Members

Vote Cast

  
Gloria Dibble Pond  
Chairperson

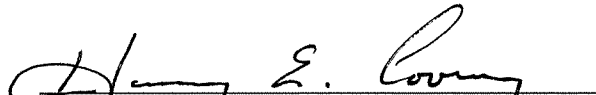
YES

  
Commissioner Peter Boucher  
Designee: Robert A. Pulito

YES

Commissioner Leslie Carothers  
Designee: Brian Emerick

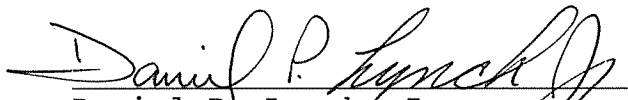
ABSENT

  
Harry E. Covey

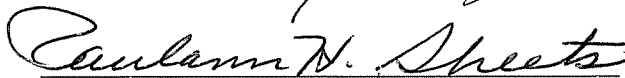
ABSTAIN

  
Mortimer A. Gelston


YES

  
Daniel P. Lynch, Jr.

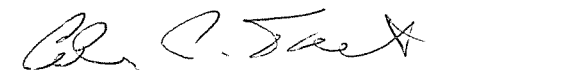
YES

  
Paulann H. Sheets

YES

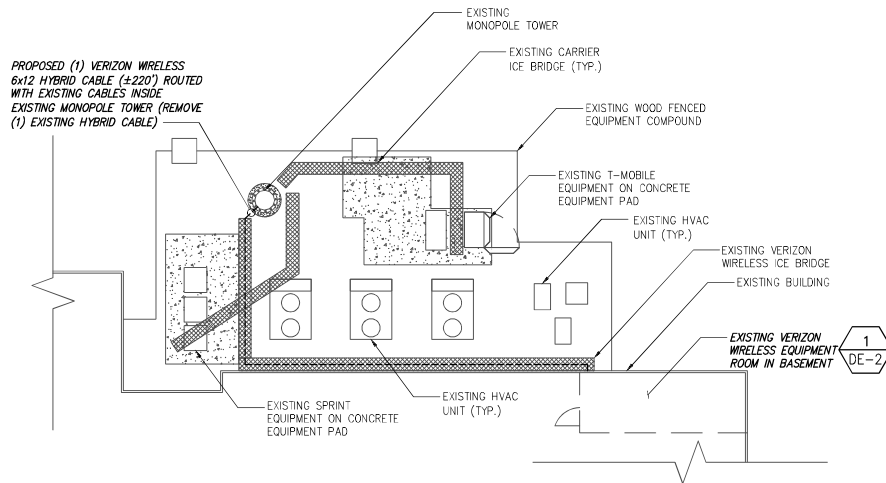
  
William H. Smith

YES

  
Colin C. Tait

YES

# **ATTACHMENT 2**



NOTE:  
THIS PLAN IS DIAGRAMMATIC IN NATURE AND IS INTENDED FOR VISUAL REPRESENTATION OF THE PROPOSED ANTENNA UPGRADE.

BASEMAPPING PREPARED FROM A SITE WALK PERFORMED BY INFINGY ENGINEERING AND PROVIDED INFORMATION, AND DOES NOT REPRESENT AN ACTUAL BOUNDARY SURVEY.



GRAPHIC SCALE:  
15' 7.5' 0 7.5' 15'  
SCALE (11x17): 1" = 15'-0"  
SCALE (22x34): 1" = 7'-6"

SITE PLAN (PROPOSED)

SCALE: AS NOTED 1

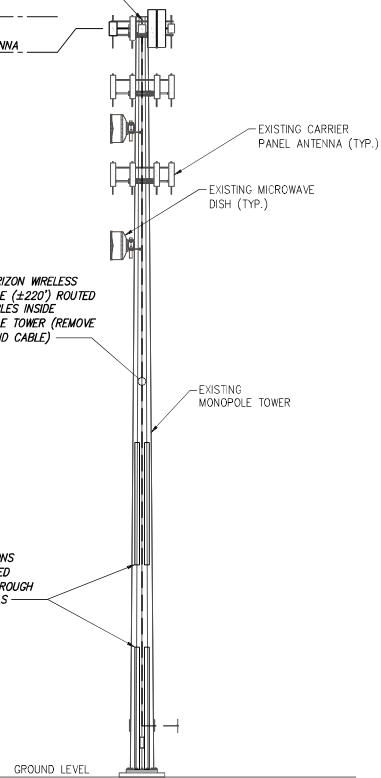
4 1-3  
DE-2 DE-3 LOCATION OF EXISTING/PROPOSED VERIZON WIRELESS TOWER EQUIPMENT

TOP OF EXISTING MONOPOLE TOWER  
ELEVATION = 130'-0" ± AGL  
OF EXISTING/PROPOSED VERIZON ANTENNA  
ELEVATION = 128'-0" ± AGL

PROPOSED (1) VERIZON WIRELESS 6x12 HYBRID CABLE (+220') ROUTED WITH EXISTING CABLES INSIDE EXISTING MONOPOLE TOWER (REMOVE (1) EXISTING HYBRID CABLE)

PROPOSED TOWER MODIFICATIONS (COMPLETED BY INFINGY, DATED 9/2/21). SEE SHEETS S-1 THROUGH S-6 FOR MODIFICATION DETAILS

NOTE:  
• FOR ADDITIONAL STRUCTURAL INFORMATION PERTAINING TO THE TOWER STRUCTURE, SEE 'STRUCTURAL MODIFICATION' COMPLETED BY INFINGY, DATED 9/2/21 AND STRUCTURAL MODIFICATION DRAWINGS COMPLETED BY INFINGY (SHEETS S-1 THROUGH S-6), DATED 9/2/21.  
• FOR ADDITIONAL STRUCTURAL INFORMATION PERTAINING TO THE ANTENNA MOUNT, SEE 'POST-MOD ANTENNA MOUNT ANALYSIS REPORT AND PMI REQUIREMENTS' AND MODIFICATION DESIGN DRAWINGS, COMPLETED BY MASER CONSULTING, DATED 6/25/21.



ELEVATION VIEW

NOT TO SCALE 2

PLANS PREPARED FOR:  
**verizon**

PLANS PREPARED BY:  
**INFINGY**  
FROM ZERO TO INFINGY  
the solutions are endless  
INFINGY ENGINEERING, PLLC  
033 Watervliet Shaker Rd | Albany, NY 12205  
Phone: 518-690-0790 | Fax: 518-690-0793  
www.infingy.com  
JOB NUMBER: 1126-0001-C

ENGINEERING LICENSE:  
  
SHIHUEI SAKANOU  
34916  
09/22/2008  
PROFESSIONAL ENGINEER

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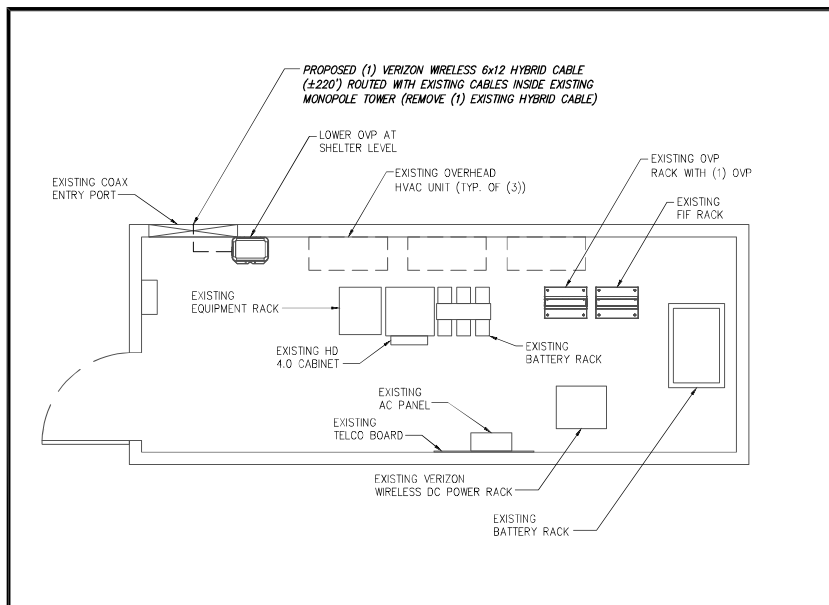
REVISIONS	DESCRIPTION	DATE	BY	REV
REVISED FOR FINALS		09/22/21	SKB	1
ISSUED FOR FINALS		09/03/21	SKB	0
REVISED FOR MOUNT MODS		07/07/21	SKB	8
ISSUED FOR REVIEW		03/18/21	SKB	A

SITE NAME:  
**RIDGEFIELD CT**

SITE ADDRESS:  
**76 EAST RIDGE AVE  
RIDGEFIELD, CT 06877**

SHEET DESCRIPTION:  
**COMPOUND PLAN &  
ELEVATION VIEW**

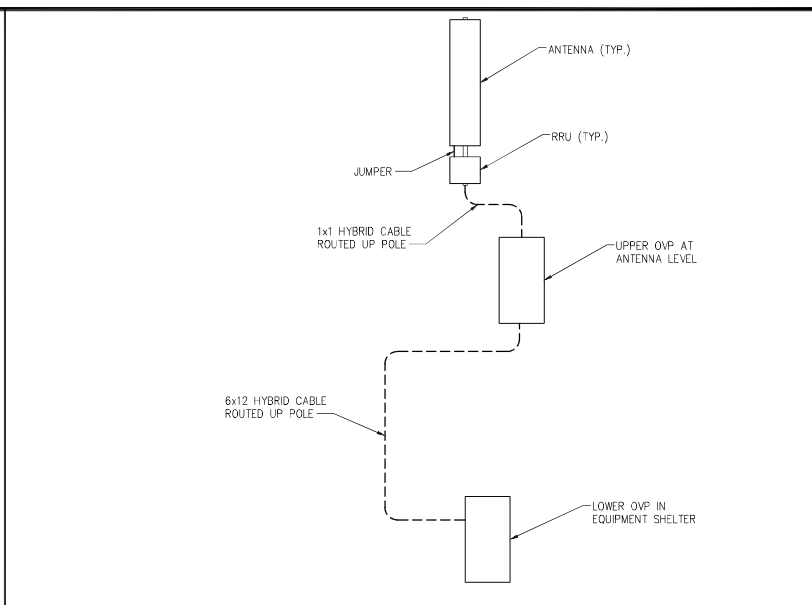
SHEET NUMBER:  
**DE-1**



SHELTER PLAN - GRADE

NOT TO SCALE

1



RF PLUMBING DIAGRAM

NOT TO SCALE

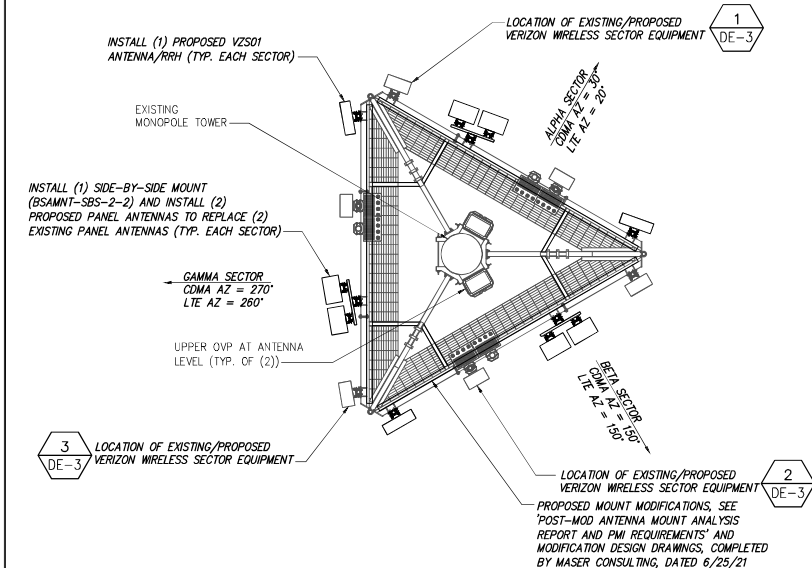
2

BILL OF MATERIALS				
SITE NAME: SIMSBURY CT				
DESCRIPTION	QTY.	EXISTING/PROPOSED	LENGTH	COMMENT
LOWER OVP	2	EXISTING	-	-
UPPER OVP	2	EXISTING	-	-
6x12 HYBRID CABLE	1	PROPOSED	±220'	REPLACE (1) EXISTING
1x1 HYBRID CABLE	9	PROPOSED	±14'	(3) PER SECTOR
1900/AWS LTE RRU	3	EXISTING	-	(1) PER SECTOR
700/850 LTE RRU	3	EXISTING	-	(1) PER SECTOR
RRU WALL MOUNT BRACKET	0	-	-	-
VZS01 ANTENNA/RRU	3	PROPOSED	-	(1) PER SECTOR
1900/AWS ANTENNA	3	PROPOSED	-	(1) PER SECTOR
700/850 ANTENNA	3	PROPOSED	-	(1) PER SECTOR
850 ANTENNA	3	EXISTING	-	-
CBRS ANTENNA/RRU	3	EXISTING	-	(1) PER SECTOR
SIDE-BY-SIDE ANTENNA MOUNT	3	PROPOSED	-	(1) PER SECTOR
DIPLEXERS	3	EXISTING	-	(1) PER SECTOR

BILL OF MATERIALS

NOT TO SCALE

3



ANTENNA ORIENTATION PLAN

NOT TO SCALE

4



PLANS PREPARED BY:  
**INFINIGY**  
 FROM ZERO TO INFINIGY  
 the solutions are endless  
 INFINIGY ENGINEERING, PLLC  
 9033 Watervliet Shaker Rd | Albany, NY 12205  
 Phone: 518-690-0790 | Fax: 518-690-0793  
 www.infinigy.com  
 JOB NUMBER: 1126-00001-C



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REVISIONS	DESCRIPTION	DATE	BY	REV.
1	REVISED FOR FINALS	09/22/21	SKB	1
2	ISSUED FOR MOUNT MODS	09/03/21	SKB	0
3	ISSUED FOR REVIEW	07/07/21	SKB	0
4	ISSUED FOR REVIEW	03/18/21	SKB	A

SITE NAME:  
**RIDGEFIELD CT**

SITE ADDRESS:  
**76 EAST RIDGE AVE  
 RIDGEFIELD, CT 06877**

SHEET DESCRIPTION:  
**SHELTER LAYOUT,  
 B.O.M. & ORIENTATION**

SHEET NUMBER:  
**DE-2**

850 LTE

850 CELLULAR

700/850 RRU

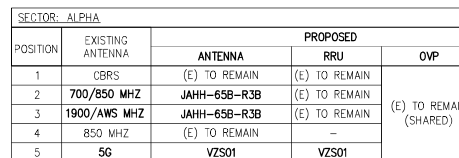
1900/AWS RRU

AWS LTE

CBRS ANTENNA/RRU

EXISTING ANTENNA LEVEL OVP

**EXISTING (BEHIND ANTENNAS)**



PLANS PREPARED BY:

**INFINIGY**

FROM ZERO TO INFINIGY

the solutions are endless

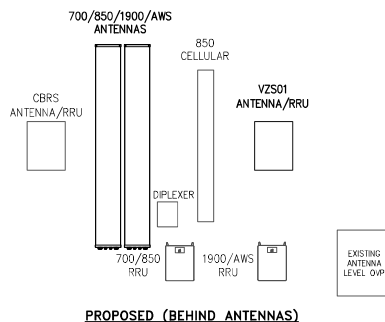
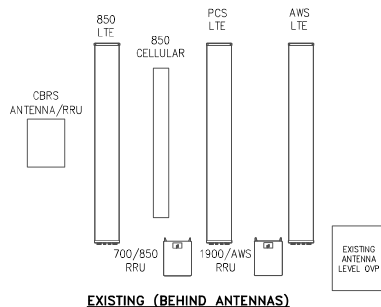
INFINIGY ENGINEERING, PLLC

1033 Watervliet Shaker Rd | Albany, NY 12204  
Phone: 518-690-0790 | Fax: 518-690-0793  
[www.infinigy.com](http://www.infinigy.com)

JOB NUMBER 1126-00001-C

NO SCALE

1



SECTOR: BETA				
POSITION	EXISTING ANTENNA	PROPOSED		
		ANTENNA	RRU	OVP
1	CBRS	(E) TO REMAIN	(E) TO REMAIN	(E) TO REMAIN (SHARED)
2	700/850 MHZ	JAHH-65B-R3B	(E) TO REMAIN	
3	1900/AWS MHZ	JAHH-65B-R3B	(E) TO REMAIN	
4	850 MHZ	(E) TO REMAIN	-	
5	5G	VZS01	VZS01	

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REVISIONS				
DESCRIPTION	DATE	BY	REASON	
REVISED FOR FINALS	06/22/21	SKB	1	
ISSUED FOR FINALS	06/03/21	SKB	0	
REVISED FOR MOUNT MODS	07/07/21	SKB	0	
ISSUED FOR REVIEW	03/16/21	SKB	A	

RIDGEFIELD CT

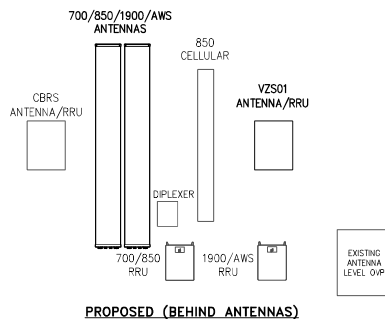
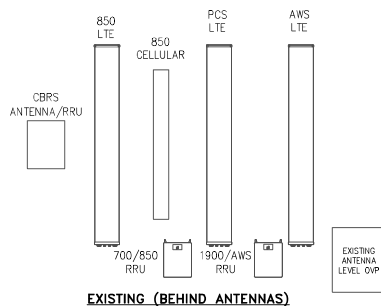
76 EAST RIDGE AVE  
RIDGEFIELD, CT 0687

## ANTENNA CONFIGURATION

DE-3

NO SCALE

3



SECTOR - GAMMA				
POSITION	EXISTING ANTENNA	PROPOSED		
		ANTENNA	RRU	OVP
1	CBRS	(E) TO REMAIN	(E) TO REMAIN	(E) TO REMAIN (SHARED)
2	700/850 MHZ	JAHH-65B-R3B	(E) TO REMAIN	
3	1900/AWS MHZ	JAHH-65B-R3B	(E) TO REMAIN	
4	850 MHZ	(E) TO REMAIN	-	
5	5G	VZS01	VZS01	

NO SCALE

(K)



1. THESE DOCUMENTS WERE DESIGNED IN ACCORDANCE WITH THE LATEST VERSION OF APPLICABLE LOCAL/STATE/COUNTY/CITY BUILDING CODES, AS WELL AS ANS/ITIA-222 STANDARD, ANWA-D100 STANDARD, NDS, NRC, USC, AND/OR THE LATEST VERSION OF THE INTERNATIONAL BUILDING CODE, UNLESS NOTED OTHERWISE IN THE CORRESPONDING STRUCTURAL REPORT.
2. ALL CONSTRUCTION METHODS SHOULD FOLLOW STANDARDS OF GOOD CONSTRUCTION PRACTICE.
3. ALL WORK INDICATED ON THESE DRAWINGS SHALL BE PERFORMED BY QUALIFIED CONTRACTORS EXPERIENCED IN SIMILAR CONSTRUCTION.
4. ALL NEW WORK SHALL ACCOMMODATE EXISTING CONDITIONS. IF OBSTRUCTIONS ARE FOUND, CONTRACTOR SHALL NOTIFY ENGINEER OF RECORD PRIOR TO CONTINUING WORK.
5. ANY CHANGES OR ADDITIONS MUST CONFORM TO THE REQUIREMENTS OF THESE NOTES AND SPECIFICATIONS, AND SHOULD BE SIMILAR TO THOSE SHOWN. ALL CHANGES OR ADDITIONS SHALL BE SUBMITTED TO THE ENGINEER OF RECORD FOR REVIEW AND APPROVAL PRIOR TO FABRICATION AND/OR CONSTRUCTION.
6. THE CONTRACTOR IS RESPONSIBLE FOR THE DESIGN AND EXECUTION OF ALL MISCELLANEOUS SHORING, BRACING, TEMPORARY SUPPORT, ETC. NECESSARY TO PROVIDE A COMPLETE AND STABLE STRUCTURE DURING CONSTRUCTION. PER 1019-A-2011 IS AN APPROPRIATE REFERENCE FOR THOSE DESIGNS MEETING TIA STANDARDS. THE ENGINEER OF RECORD MAY PROVIDE FORMAL BRIGGING PLANS AT THE REQUEST AND EXPENSE OF THE CONTRACTOR.
7. INSTALLATION SHALL NOT INTERFERE NOR DENY ADEQUATE ACCESS TO OR FROM ANY EXISTING OR PROPOSED OPERATIONAL AND SAFETY EQUIPMENT.
8. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS PRIOR TO ANY FABRICATION. CONTACT INFINITY ENGINEERING IF ANY DISCREPANCIES EXIST.

1. STRUCTURAL STEEL SHALL CONFORM TO THE AISC MANUAL OF STEEL CONSTRUCTION 14TH EDITION, FOR THE DESIGN AND FABRICATION OF STEEL COMPONENTS.
2. ALL FIELD COLD SURFACES, FIELD DRILLED HOLES, AND GROUND SURFACES WHERE EXISTING PAINT OR GALVANIZATION REMOVAL WAS REQUIRED SHALL BE PREPARED WITH (2) BRUSHED COATS OF ZRC GALVALUME COLD GALVANIZING COMPOUND PER ASTM A780 AND MANUFACTURERS' RECOMMENDATIONS.
3. ALL FIELD DRILLED HOLES TO BE USED FOR FIELD BOLTING INSTALLATION SHALL BE STANDARD HOLES, AS DEFINED BY AISC, UNLESS NOTED OTHERWISE.
4. ALL EXTERIOR STEEL WORK SHALL BE GALVANIZED IN ACCORDANCE WITH ASTM A123.
5. ALL STEEL MEMBERS AND CONNECTIONS SHALL MEET THE FOLLOWING GRADDES:
  - ANGLES, CHANNELS, PLATES AND BARS TO BE A36, Fy=36 KSI, U.N.O.
  - W SHAPES TO BE A992, Fy=50 KSI, U.N.O.
  - RECTANGULAR HSS TO BE A500, GRADE B, Fy=46 KSI, U.N.O.
  - ROUND HSS TO BE A500, GRADE B, Fy=42 KSI, U.N.O.
  - STEEL PIPE TO BE A53, GRADE B, Fy=35 KSI, U.N.O.
  - BOLTS TO BE A325-X, Fu=120 KSI, U.N.O.
  - U-BOLTS AND LAG SCREWS TO BE A307 OR A, Fy=60 KSI, U.N.O.
6. ALL WELDING SHALL BE DONE USING E70XX ELECTRODES, U.N.O.
7. ALL WELDING SHALL CONFORM TO AISC AND AWS D1.1 LATEST EDITION.
8. ALL HULTI ANCHORS TO BE CARBON STEEL, U.N.O.
  - MECHANICAL ANCHORS: KWIK BOLT-TZ, U.N.O.
  - CMU BLOCK ANCHORS: ADHESIVE - HY120, U.N.O.
  - CONCRETE ANCHORS: ADHESIVE - HY150, U.N.O.
  - CONCRETE REBAR: ADHESIVE - RES300, U.N.O.
9. ALL STUDS TO BE NELSON CAPACITOR DISCHARGE 1/4"-20 LOW CARBON STEEL COPPER-FLASH AT 55 KSI ULT/50 KSI YIELD, U.N.O.
10. BOLTS SHALL BE TIGHTENED TO A "SNUG TIGHT" CONDITION AS DEFINED BY AISC.
11. MINIMUM EDE DISTANCES SHALL CONFORM TO AISC TABLE J.3.4.
12. REMOVAL/REPLACEMENT OF STRUCTURAL MEMBERS SHALL BE DONE ONE MEMBER AT A TIME. CONTRACTOR IS RESPONSIBLE FOR ENSURING THE STRUCTURAL INTEGRITY OF THE STRUCTURE DURING ALL PHASES OF CONSTRUCTION.

1. CONCRETE TO BE 4000 PSI @ 28 DAYS. REINFORCING BAR TO CONFORM TO ASTM A615 GRADE 60 SPECIFICATIONS. CONCRETE INSTALLATION TO CONFORM TO ACI-318 BUILDING REQUIREMENTS FOR REINFORCED CONCRETE. WEAPONS COATING TO BE PLACED AGAINST UNDEVELOPED EARTH-FREE WATER. REPAIRS TO EXISTING OBJECTS AND MATERIALS OF THREE INCHES OR DEEPER CONCRETE SHALL COVER ALL REINFORCEMENT. WEAPONS COATING OF REPAIR IS NOT PERMITTED.
2. EXISTING CONCRETE SURFACES THAT ARE TO BE IN CONTACT WITH NEW PROPOSED CONCRETE SHOULD BE WIRE BRUSHED CLEAN AND TREATED WITH APPROPRIATE MECHANICAL SCRATCH COAT AND REPAIR MATERIALS OR APPROPRIATE CHEMICAL METHODS SUCH AS THE APPLICATION OF A BONDING AGENT. SCRATCH COAT EQUIVALENT, TO ENSURE A QUALITY BOND BETWEEN EXISTING AND PROPOSED CONCRETE SURFACES.

1. PLUMB AND TENSION TOWER UPON COMPLETION OF STRUCTURAL MODIFICATIONS DETAILED IN THESE DRAWINGS.
2. RETENSIONING OF EXISTING GUY WIRES SHALL BE PERFORMED AT A TIME WHEN THE WIND VELOCITY IS LESS THAN 10 MPH AT GROUND LEVEL AND WITH NO ICE ON THE STRUCTURE AND GUY WIRES.
3. PLUMB THE TOWER WHILE RETENSIONING THE EXISTING GUY WIRES. THE HORIZONTAL DISTANCE BETWEEN THE VERTICAL CENTERLINES AT ANY TWO ELEVATIONS SHALL NOT EXCEED 0.25% OF THE VERTICAL DISTANCE BETWEEN TWO ELEVATIONS FOR LATTICE STRUCTURES.
4. THE TWIST BETWEEN ANY TWO ELEVATIONS THROUGHOUT THE HEIGHT OF A LATTICE STRUCTURE SHALL NOT EXCEED 0.5 DEGREES IN 10 FEET. THE MAXIMUM TWIST OVER THE LATTICE STRUCTURE HEIGHT SHALL NOT EXCEED 5 DEGREES.

A QUALIFIED INDEPENDENT TESTING LABORATORY, EMPLOYED BY THE OWNER AND APPROVED BY THE JURISDICTION, SHALL PERFORM INSPECTION AND TESTING IN ACCORDANCE WITH THE THE GOVERNING BUILDING CODE, APPLICABLE SECTION(S) AS REQUIRED BY PROJECT SPECIFICATIONS FOR THE FOLLOWING CONSTRUCTION WORK:

- STRUCTURAL WELDING (CONTINUOUS INSPECTION OF FIELD WELDS ONLY).
- HIGH STRENGTH BOLTS (PERIODIC INSPECTION OF A325 AND/OR A490 BOLTS) TO BE TIGHTENED PER "TURN-OF-THE-NUT" METHOD.
- MECHANICAL AND EPOXYED ANCHORAGES.
- FIBER REINFORCED POLYMER:
  - THE SPECIAL INSPECTOR MUST VERIFY THAT THE FRP MATERIAL SPECIFIED ON THE APPROVED DESIGN DOCUMENTS IS BEING INSTALLED.
  - THE SPECIAL INSPECTOR MUST VERIFY THAT ALL CUT EDGES AND DRILLED HOLES ARE PROPERLY SEALED USING A VINYL ESTER SEALING KIT SUPPLIED BY THE MANUFACTURER.
  - THE SPECIAL INSPECTOR MUST VERIFY THAT THE STRUCTURE IS BUILT IN ACCORDANCE WITH THE APPROVED DESIGN DOCUMENTS.

2. THE INSPECTION AGENCY SHALL SUBMIT INSPECTION AND TEST REPORTS TO THE BUILDING DEPARTMENT, THE ENGINEER OF RECORD, AND THE OWNER UNLESS THE FABRICATOR IS APPROVED BY THE BUILDING OFFICIAL TO PERFORM WORK WITHOUT THE SPECIAL INSPECTIONS.



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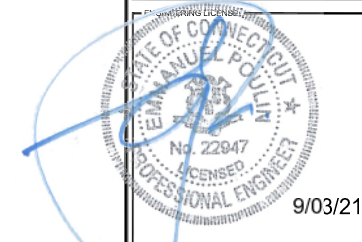
INFINIGY ENGINEERING, PLLC

1033 Watervliet Shaker Rd | Albany, NY 12205

Phone: 518-690-0790 | Fax: 518-690-0793

[www.infinigy.com](http://www.infinigy.com)

JOB NUMBER: 1126-DCC001-C



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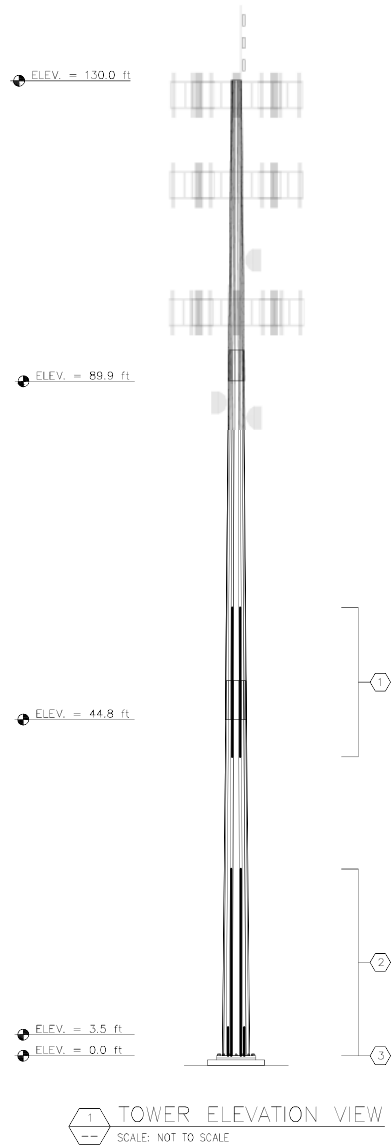
REVISIONS				
DESCRIPTION	DATE	BY	REV	
ISSUED FOR REVIEW	09/02/21	MA	0	

RIDGEFIELD CT

76 EAST RIDGE AVE  
RIDGEFIELD, CT 06877

## GENERAL NOTES

S-1



TOWER MODIFICATION SCHEDULE			
	ELEVATION	DESCRIPTION	SHEET
①	62.0'-38.0'	INSTALL NEW RP-1 FLAT PLATE REINFORCEMENT	S-3
②	25.25'-0.25'	INSTALL NEW RP-2 FLAT PLATE REINFORCEMENT	S-4
③	0'	INSTALL NEW SP-1 STIFFENERS	S-4

MODIFICATIONS ARE BASED ON STRUCTURAL ANALYSIS  
PERFORMED BY INFINIGY ENGINEERING DATED 08/27/2021

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REVISIONS	DESCRIPTION	DATE	BY	REV
ISSUED FOR REVIEW		06/02/21	NA	0

SITE NAME:

RIDGEFIELD CT

SITE ADDRESS:

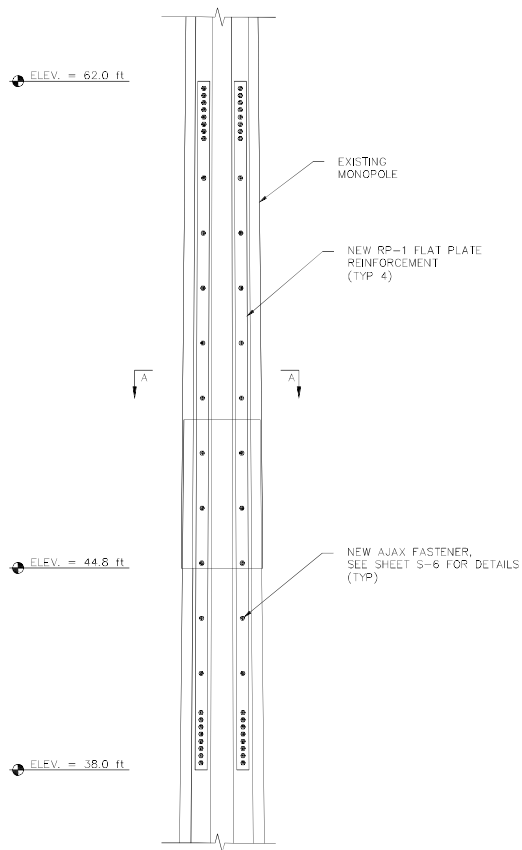
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RIDGEFIELD, CT 06877

SHEET DESCRIPTION:

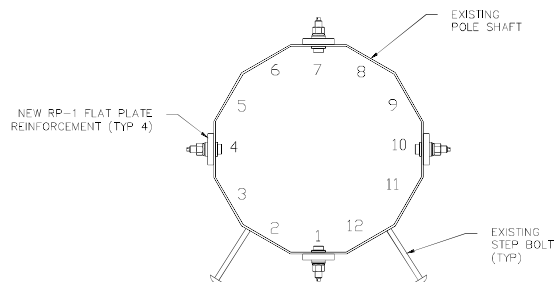
TOWER  
MODIFICATIONS

SHEET NUMBER:

S-2



1 ELEVATION VIEW  
SCALE: NOT TO SCALE



2 SECTION A-A  
SCALE: NOT TO SCALE

PART NUMBER	TOTAL Q-TY	DESCRIPTION	GRADE
RP-1	4	FLAT PLATE REINFORCEMENT	ASTM A572-65

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PROFESSIONAL ENGINEERING  
STATE OF CONNECTICUT  
JAMES ANTON POLYAK  
No. 22947  
LICENSED PROFESSIONAL ENGINEER  
9/03/21

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ISSUED FOR REVIEW		06/02/21	WJ	0

SITE NAME:

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SITE ADDRESS:

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RIDGEFIELD, CT 06877

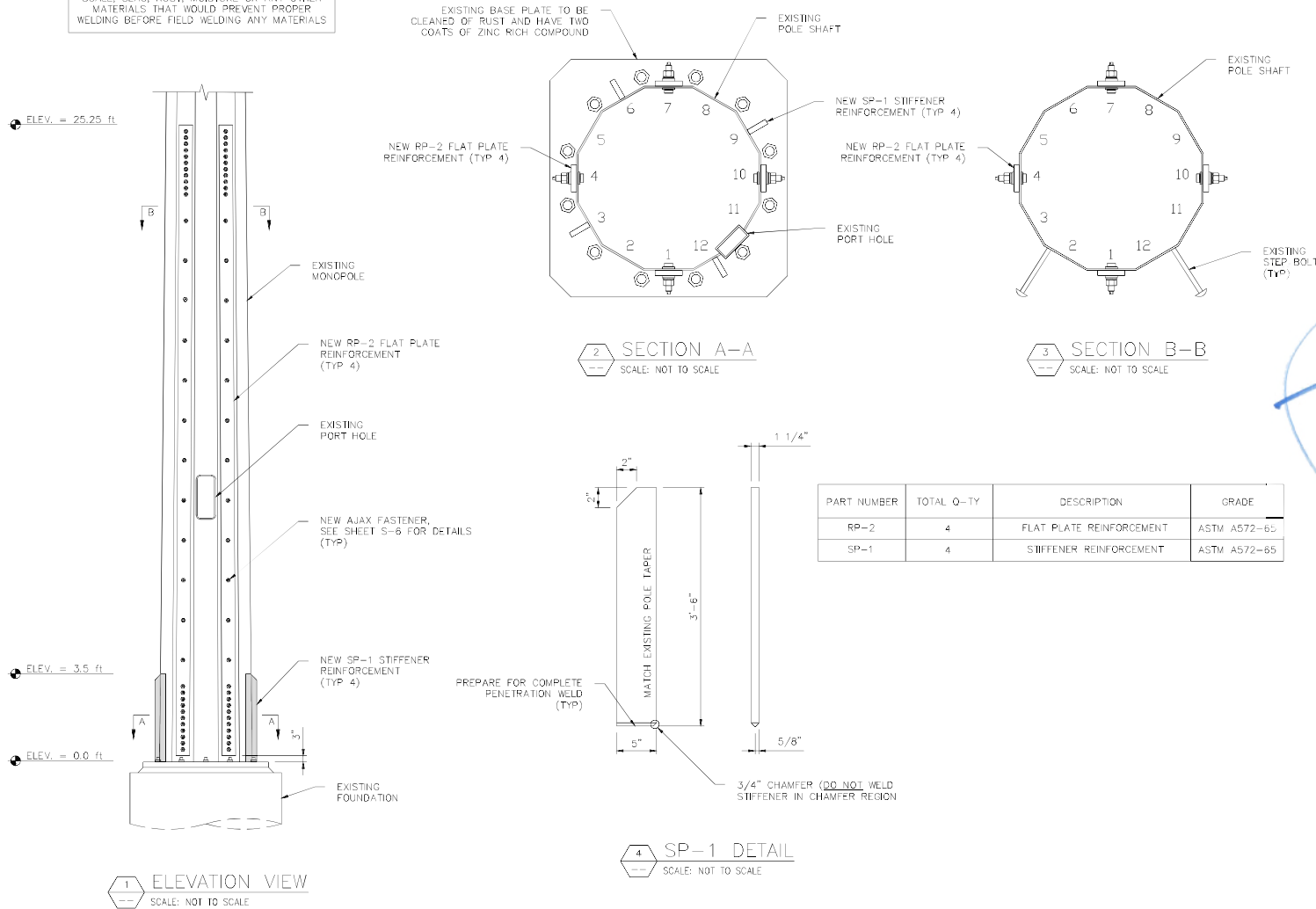
SHEET DESCRIPTION:

TOWER  
MODIFICATIONS

SHEET NUMBER:

S-3

SURFACES TO BE CLEARED OF GALVANIZATION, SCALE, SLAG, RUST, MOISTURE OR ANY OTHER MATERIALS THAT WOULD PREVENT PROPER WELDING BEFORE FIELD WELDING ANY MATERIALS



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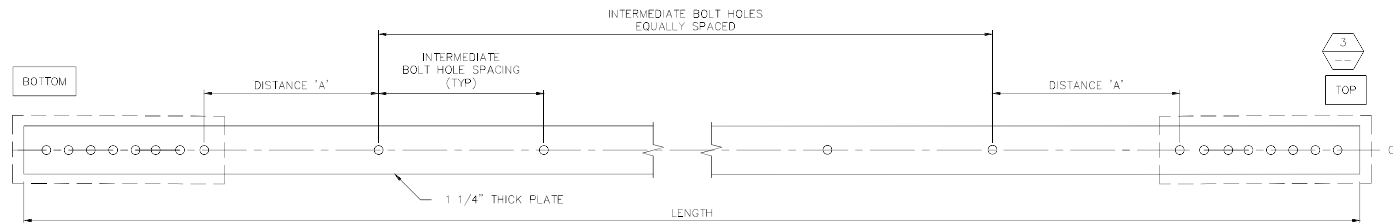
REVISIONS	DESCRIPTION	DATE	BY	REV
ISSUED FOR REVIEW		06/02/21	MA	0

SITE NAME:  
**RIDGEFIELD CT**

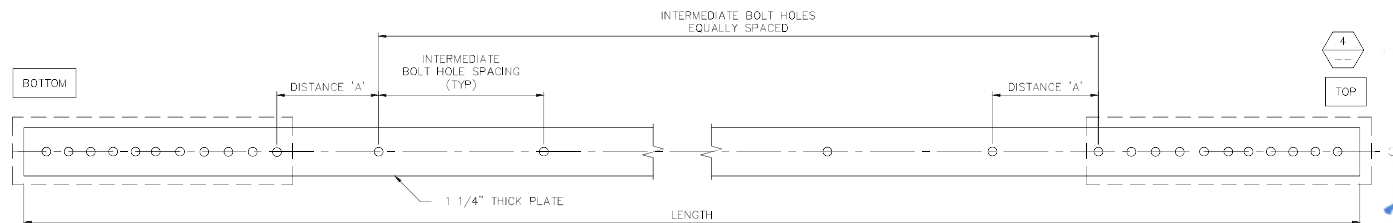
SITE ADDRESS:  
**76 EAST RIDGE AVE  
RIDGEFIELD, CT 06877**

SHEET DESCRIPTION:  
**TOWER  
MODIFICATIONS**

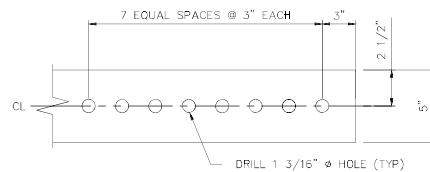
SHEET NUMBER:  
**S-4**



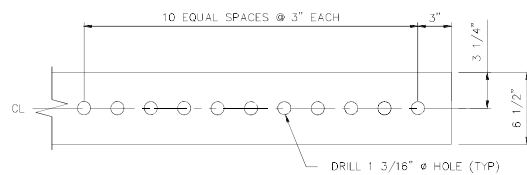
**RP-1 DETAIL**  
SCALE: NOT TO SCALE



**RP-2 DETAIL**  
SCALE: NOT TO SCALE



**DETAIL B (TOP & BOTTOM)**  
SCALE: NOT TO SCALE



**DETAIL B (TOP & BOTTOM)**  
SCALE: NOT TO SCALE

PART NUMBER	BLACK WEIGHT (LBS)	LENGTH	DISTANCE 'A'	TOTAL Q-TY OF 1 3/16" Ø BOLT HOLES	Q-TY OF BOLT HOLES (TOP & BOTTOM ENDS)	INTERMEDIATE BOLT HOLE SPACING
RP-1	510.4	24'-0"	1'-4 1/2"	26	8	1'-11"
RP-2	690.6	25'-0"	1'-0 1/2"	34	11	1'-7"

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SITE NAME:

RIDGEFIELD CT

SITE ADDRESS:

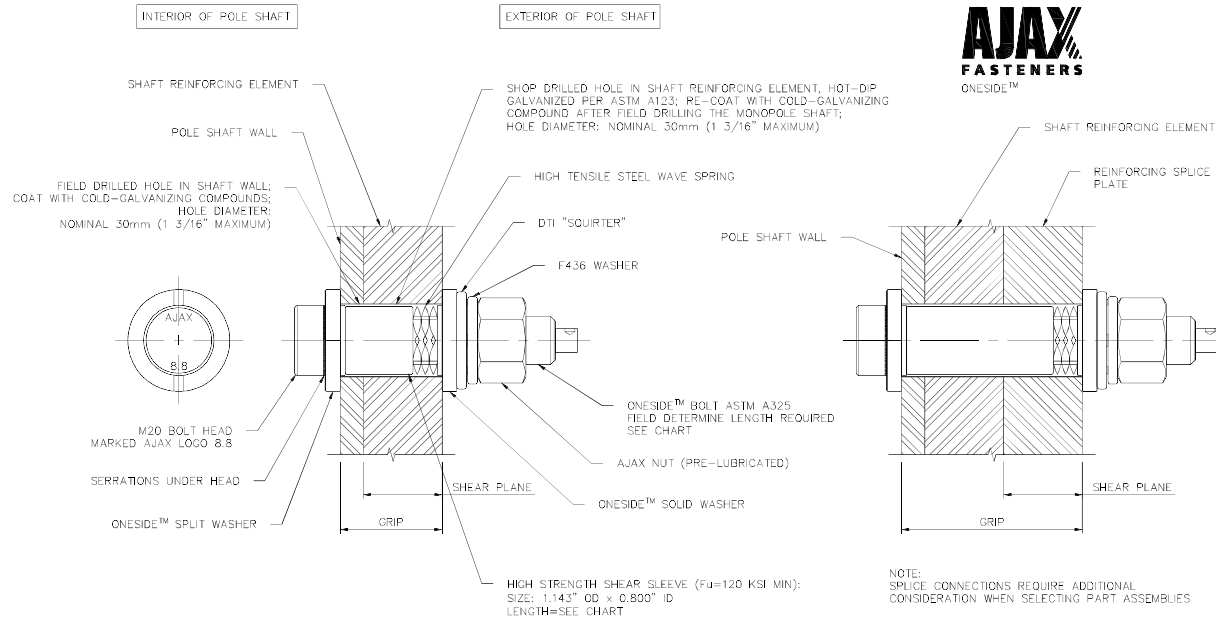
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RIDGEFIELD, CT 06877

SHEET DESCRIPTION:

TOWER  
MODIFICATIONS

SHEET NUMBER:

S-5



AJAX ONSIDE™ BOLT DETAIL

CODE	SIZE	COLOR	SLEEVE LENGTH	GRIP	GRIP IMP
OSBA20.65-6	M20 x 65	ORANGE	6.0 (0.236")	12.5 / 20.0	0.500" / 0.787"
OSBA20.95-14	M20 x 95	BLACK	14.0 (0.551")	20.0 / 32.0	0.787" / 1.259"
OSBA20.95-22	M20 x 95	GREEN	22.0 (0.866")	30.0 / 50.0	1.181" / 1.968"
OSBA20.95-30	M20 x 95	YELLOW	30.0 (1.181")	40.5 / 50.0	1.595" / 1.968"
OSBA20.135-39	M20 x 135	BLUE	39.0 (1.535")	49.0 / 77.0	1.929" / 3.031"
OSBA20.135-48	M20 x 135	BROWN	48.0 (1.889")	60.5 / 77.0	2.375" / 3.031"
OSBA20.135-57	M20 x 135	PURPLE	57.0 (2.244")	67.0 / 90.0	2.637" / 3.543"
OSBA20.165-76	M20 x 165	RED	76.0 (3.000")	87.0 / 120.0	3.425" / 4.724"
OSBA20.250	M20 x 250	SILVER	MT0	121.0 / 211.0	4.724" / 8.310"

BOLT ASSEMBLY AND INSTALLATION:

- BOLT MUST BE PURCHASED PRE-ASSEMBLED.
- FOLLOW BOLT AND DTI MANUFACTURERS INSTRUCTIONS FOR INSTALLATION.

INSPECTION:

- A MINIMUM OF 4 OUT OF 5 SQUIRTER® DTI PROTRUSIONS SHALL BE ENGAGED IN ANY AJAX/DTI BOLT ASSEMBLY IN THE REINFORCING MEMBERS. A FEELER GAGE MAY BE USED TO VERIFY PROTRUSION COMPRESSION.
- INSPECTIONS SHALL BE IN ACCORDANCE WITH THE MANUFACTURERS REQUIREMENTS.

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STATE OF CONNECTICUT

ANNUAL POLLING

No. 22947

PROFESSIONAL ENGINEER

9/03/21

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SITE NAME:

RIDGEFIELD CT

SITE ADDRESS:

76 EAST RIDGE AVE  
RIDGEFIELD, CT 06877

SHEET DESCRIPTION:

TOWER  
MODIFICATIONS

SHEET NUMBER:

S-6

# JAHH-65B-R3B



8-port sector antenna, 2x 698–787, 2x 824–894 and 4x 1695–2360 MHz, 65° HPBW, 3x RET and low bands have diplexers. Internal SBT's on first LB(Port 1) and first HB(Port 5).

- Internal SBT on low and high band allow remote RET control from the radio over the RF jumper cable
- One RET for 700MHz, one RET for 850MHz, and one RET for both high bands to ensure same tilt level for 4x Rx or 4x MIMO
- Internal filter on low band and interleaved dipole technology providing for attractive, low wind load mechanical package
- Separate RS-485 RET input/output for low and high band

## General Specifications

Antenna Type	Sector
Band	Multiband
Color	Light gray
Effective Projective Area (EPA), frontal	0.28 m <sup>2</sup>   3.014 ft <sup>2</sup>
Effective Projective Area (EPA), lateral	0.24 m <sup>2</sup>   2.583 ft <sup>2</sup>
Grounding Type	RF connector body grounded to reflector and mounting bracket
Performance Note	Outdoor usage   Wind loading figures are validated by wind tunnel measurements described in white paper WP-112534-EN
Radome Material	Fiberglass, UV resistant
Radiator Material	Aluminum   Low loss circuit board
Reflector Material	Aluminum
RF Connector Interface	4.3-10 Female
RF Connector Location	Bottom
RF Connector Quantity, high band	4
RF Connector Quantity, low band	4
RF Connector Quantity, total	8

## Remote Electrical Tilt (RET) Information, General

RET Interface	8-pin DIN Female   8-pin DIN Male
RET Interface, quantity	2 female   2 male

## Dimensions

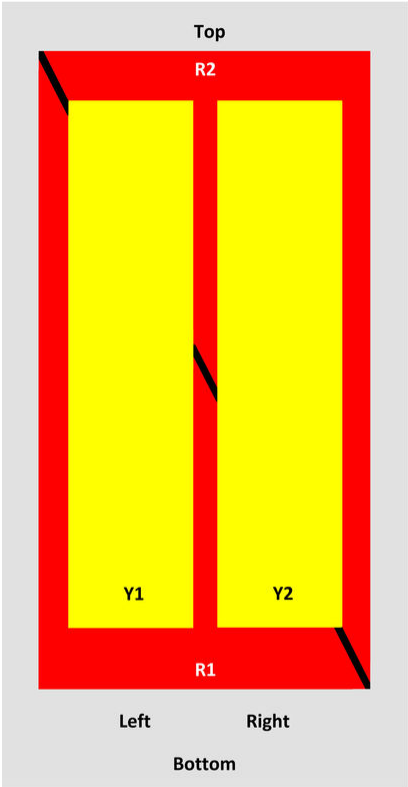
Width	350 mm   13.78 in
-------	-------------------

# JAHH-65B-R3B

Length	1828 mm   71.969 in
Depth	208 mm   8.189 in

## Array Layout

JAHH-65A-R3B JAHH-65B-R3B JAHH-65C-R3B



Array	Freq (MHz)	Conns	RET (SRET)	AISG RET UID
R1	698-798	1-2	1	ANxxxxxxxxxxxxx1
R2	824-894	3-4	2	ANxxxxxxxxxxxxx2
Y1	1695-2360	5-6	3	ANxxxxxxxxxxxxx3
Y2	1695-2360	7-8		

View from the front of the antenna  
(Sizes of colored boxes are not true depictions of array sizes)

## Electrical Specifications

Impedance	50 ohm
Operating Frequency Band	1695 – 2360 MHz   698 – 787 MHz   824 – 894 MHz
Polarization	±45°

## Remote Electrical Tilt (RET) Information, Electrical

Protocol	3GPP/AISG 2.0 (Single RET)
Power Consumption, idle state, maximum	2 W



# JAHH-65B-R3B

Power Consumption, normal conditions, maximum	13 W
Input Voltage	10–30 Vdc
Internal Bias Tee	Port 1   Port 5
Internal RET	High band (1)   Low band (2)

## Electrical Specifications

Frequency Band, MHz	698–787	824–894	1695–1880	1850–1990	1920–2200	2300–2360
Gain, dBi	14.5	15.8	18	18.4	18.5	18.8
Beamwidth, Horizontal, degrees	67	65	63	63	65	68
Beamwidth, Vertical, degrees	12.4	10.5	5.7	5.2	4.9	4.4
Beam Tilt, degrees	2–14	2–14	0–10	0–10	0–10	0–10
USLS (First Lobe), dB	18	18	20	20	21	23
Front-to-Back Ratio at 180°, dB	32	34	31	35	36	38
Isolation, Cross Polarization, dB	25	25	25	25	25	25
Isolation, Inter-band, dB	30	30	30	30	30	30
VSWR   Return loss, dB	1.5   14.0	1.5   14.0	1.5   14.0	1.5   14.0	1.5   14.0	1.5   14.0
PIM, 3rd Order, 2 x 20 W, dBc	-153	-153	-153	-153	-153	-153
Input Power per Port at 50° C, maximum, watts	200	200	300	300	300	250

## Electrical Specifications, BASTA

Frequency Band, MHz	698–787	824–894	1695–1880	1850–1990	1920–2200	2300–2360
Gain by all Beam Tilts, average, dBi	14.3	14.9	17.6	18.1	18.2	18.5
Gain by all Beam Tilts Tolerance, dB	±0.3	±0.5	±0.6	±0.4	±0.5	±0.6
Gain by Beam Tilt, average, dBi	2°   14.3 8°   14.3 14°   14.3	2°   15.0 8°   14.9 14°   15.4	0°   17.2 5°   17.6 10°   17.6	0°   17.6 5°   18.2 10°   18.2	0°   17.7 5°   18.3 10°   18.3	0°   17.9 5°   18.7 10°   18.7
Beamwidth, Horizontal Tolerance, degrees	±1.2	±1.4	±4	±2.4	±2.9	±2.7
Beamwidth, Vertical Tolerance, degrees	±0.9	±0.5	±0.3	±0.2	±0.3	±0.1
USLS, beampeak to 20° above beampeak, dB	18	17	17	18	19	18
Front-to-Back Total Power at 180° ± 30°, dB	25	24	26	29	27	29
CPR at Boresight, dB	22	23	20	21	21	24

# JAAHH-65B-R3B

CPR at Sector, dB	11	12	11	11	11	8
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## Mechanical Specifications

Wind Loading at Velocity, frontal	301.0 N @ 150 km/h   67.7 lbf @ 150 km/h
Wind Loading at Velocity, lateral	254.0 N @ 150 km/h   57.1 lbf @ 150 km/h
Wind Loading at Velocity, maximum	143.4 lbf @ 150 km/h   638.0 N @ 150 km/h
Wind Speed, maximum	241 km/h   149.75 mph

## Packaging and Weights

Width, packed	456 mm   17.953 in
Depth, packed	357 mm   14.055 in
Length, packed	1975 mm   77.756 in
Net Weight, without mounting kit	29.2 kg   64.375 lb
Weight, gross	42.5 kg   93.696 lb

## Regulatory Compliance/Certifications

Agency	Classification
CHINA-ROHS	Above maximum concentration value
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system
ROHS	Compliant/Exempted



## Included Products

BSAMNT-3	Wide Profile Antenna Downtilt Mounting Kit for 2.4 - 4.5 in (60 - 115 mm) OD round members. Kit contains one scissor top bracket set and one bottom bracket set.
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## \* Footnotes

Performance Note	Severe environmental conditions may degrade optimum performance
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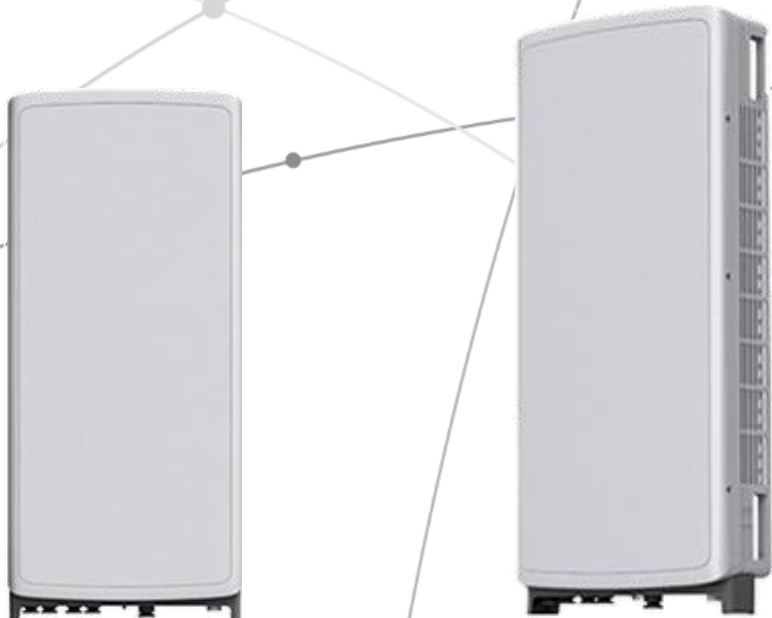
**SAMSUNG**

# **SAMSUNG** 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



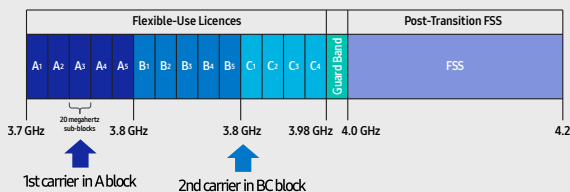
## Points of Differentiation

### Wide Bandwidth

With capability 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 covers the entire C-Band 280 MHz spectrum, so it can meet the operator's needs in current A block and future B/C blocks

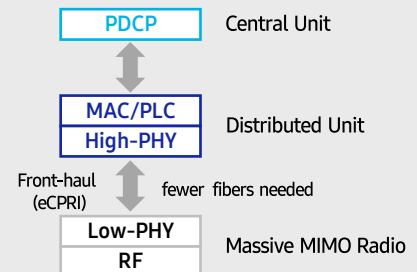
C-Band spectrum supported by Massive MIMO Radio



### Future Proof Product

Samsung C-Band 64T64R Massive MIMO radio supports not only CPRI but also eCPRI as front-haul interface.

It enables operators can cut down on OPEX/CAPEX by reducing front-haul bandwidth through low layer split and using ethernet based higher efficient line.



### 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.

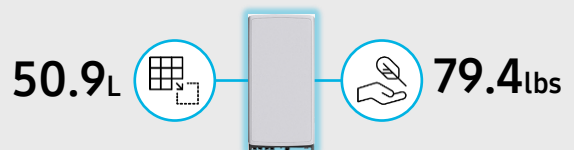
Furthermore, as C-Band massive MIMO Radio supports MU-MIMO (Multi-user MIMO), it enables to increase user throughput by minimizing interference.



### Well Matched Design

Samsung 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 50.9L and 79.4lbs. This makes it easy to install the Radio.

It is designed to look solid and compact, with a low profile appearance so that, when installed, harmonizes well with the surrounding environment.



## Technical Specifications

Item	Specification
Tech	NR
Band	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 35.06 x 5.51 inch (50.86L)/ 79.4 lbs



# SAMSUNG

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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

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# **ATTACHMENT 3**

	General	Power	Density					
Site Name: Ridgfield								
Tower Height: Verizon @ 128ft								
CARRIER	# OF CHAN.	WATTS ERP	HEIGHT	FREQ.	CALC. POWER DENS	MAX. PERMISS. EXP.	FRACTION MPE	Total
*Sprint	3	693	118	1900	0.0596	1.0000	0.60%	
*Sprint	1	390	118	850	0.0112	0.5667	0.20%	
*Sprint	2	693	118	2500	0.0397	1.0000	0.40%	
*T-Mobile	2	6413	100	2500	0.5220	1.0000	5.22%	
*T-Mobile	2	6413	100	2500	0.5220	1.0000	5.22%	
*T-Mobile	2	649	100	700	0.0528	0.4667	1.13%	
*T-Mobile	2	592	100	600	0.0482	0.4000	1.20%	
*T-Mobile	1	1578	100	600	0.0642	0.4000	1.61%	
*T-Mobile	2	2204	100	190	0.1794	0.2000	8.97%	
*T-Mobile	2	1295	100	2100	0.1054	1.0000	1.05%	
*T-Mobile	2	2308	100	2100	0.1879	1.0000	1.88%	
*T-Mobile	4	1028	100	1900	0.1674	1.0000	1.67%	
*T-Mobile	2	2057	100	1900	0.1674	1.0000	1.67%	
VZW 700	4	648	128	751	0.0057	0.5007	1.14%	
VZW CDMA	2	495	128	877.26	0.0022	0.5848	0.37%	
VZW Cellular	4	482	128	874	0.0042	0.5827	0.73%	
VZW PCS	4	1586	128	1980	0.0139	1.0000	1.39%	
VZW AWS	4	1566	128	2120	0.0137	1.0000	1.37%	
VZW CBRS	4	11		3625	0.0001	1.0000	0.01%	
VZW CBAND	4	6531	128	3730.08	0.0573	1.0000	5.73%	
								41.57%
* Source: Siting Council								

# **ATTACHMENT 4**



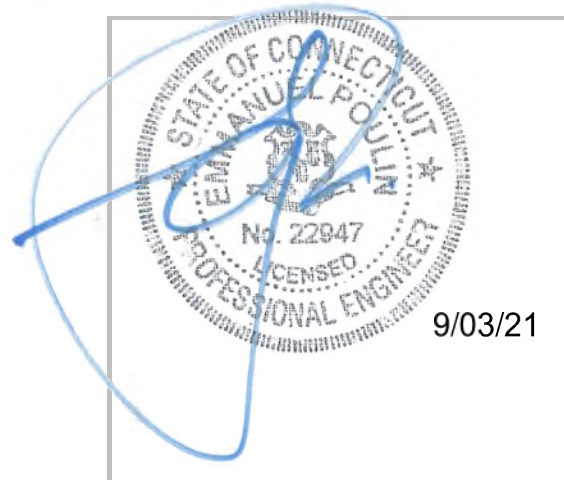
# INFINIGY8

## STRUCTURAL MODIFICATION REPORT

September 2, 2021

Verizon Wireless Site Name	Ridgefield CT
Verizon Wireless Site Number	468697
Infinigy Job Number	1126-D0001-B
Client	Verizon Wireless
Carrier	Verizon Wireless
Site Location	76 East Ridge Avenue Ridgefield, CT 06877 Fairfield County 41° 16' 51.3" N NAD83 73° 29' 34.4" W NAD83
Structural Type	130.0 ft (A.G.L.) Monopole
Structural Usage Ratio	<b>95.7%</b>
<b>Overall Result</b>	<b>Pass</b>

Upon reviewing the results of this analysis, it is our opinion that the structure meets the specified TIA code requirements with the recommended structural modifications installed. The tower and foundation are therefore deemed adequate to support the existing and proposed loading configuration as listed in this report.



Luis Mendoza, P.E.  
Director of Structural Engineering

AZ CA CO FL GA MD NC NH NJ NY TX WA

INFINIGY8

## **CONTENTS**

1. Introduction
2. Design/Analysis Parameters
3. Final Tower Loading Configuration
4. Supporting Documentation
5. Results
6. Deflection, Twist, and Sway
7. Recommendations
8. Assumptions
9. Liability Waiver and Limitations

September 2, 2021

**1. INTRODUCTION**

Infinigy performed a structural modification analysis on the existing monopole tower located at the aforementioned address. All referenced supporting documents have been obtained from the client and are assumed to be accurate and applicable to this site. The tower was analyzed using tnxTower version 8.1.1.1 analysis software.

**2. DESIGN/ANALYSIS PARAMETERS**

Wind Speed	97 mph (3-Second Gust, VASD) / 125 mph (3-Second Gust, VULT)
Wind Speed w/ ice	50 mph (3-Second Gust, VASD) w/ 0.75" ice
Code / Standard	TIA-222-G
Adopted Code	2015 IBC / 2018 Connecticut State Building Code
Risk Category	III
Exposure Category	B
Topographic Category	1
Calculated Crest Height	0 ft.
Seismic Spectral Response	$S_s = 0.215 \text{ g}$ / $S_1 = 0.065 \text{ g}$

**3. FINAL TOWER LOADING CONFIGURATION**

Mounting Level (ft)	Centerline Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feedlines <sup>1,2</sup>	Feedline Size (in)
130.0	135.0	1	-	10' Omni	(1)	7/8"
128.0	128.0	6	Andrew	JAHH-65B-R3B	(12) (2) (1)	7/8" 1 1/4" 1/2"
		3	Samsung	VZS01		
		3	Antel	BXA-80080/4CF		
		3	Samsung	XXDWMM-12.5-65-8T-CBRS		
		3	Commscope	CBC78T-DS-43-2X		
		3	Samsung	Radio 8843 B2/B66A		
		3	Samsung	Radio 4449 B5/B13		
		3	Samsung	CBRS RRH RT4401-48A		
		1	-	Platform w/ Handrails		
116.0	116.0	3	RFS/Celwave	APXVSP18-C-A20	(3)	1 1/4" Hybrid
		3	RFS/Celwave	APXVTM14-C-120		
		3	ALU	30"X18"X4" RRH		
		3	ALU	800 MHz RRH		
		3	ALU	1900 MHz RRH		
		1	-	Low Profile Platform		
106.0	106.0	1	Andrew	VHLP3-11W-6WH	(1)	EW63
		1	-	Pipe Mount		
99.0	103.0	2	RFI	BA4040-41-DIN	(23)	7/8"
	99.0	3	Ericsson	AIR21 B2A/B4P		
		3	Ericsson	AIR21 B4A/B2P		
		3	Andrew	LNx-6515DS-VTM		
		3	Ericsson	RRUS-11		
		3	Ericsson	KRY 112 144/1 TMA		
		1	-	Platform w/ Handrails		

# Structural Modification Report

September 2, 2021

87.0	87.0	1	Andrew	VHLP3-11W-6WH	(1)	EW63
		1	-	Pipe Mount		
85.0	90.0	1	-	10' Omni	(2) (1)	7/8" EW63
	85.0	2	-	Side Arm		
		1	Andrew	VHLP3-11W-6WH		
		1	-	Pipe Mount		
	84.0	1	-	18" Dipole		
59.0	63.0	1	-	8 Element Yagi	(1)	7/8"
		1	-	Side Arm		
57.0	60.0	1	-	2' Omni	(1)	7/8"
		1	-	Pipe Mount		
50.0	50.0	1	-	GPS	(1)	1/2"
		1	-	Side Arm		

## 4. SUPPORTING DOCUMENTATION

Construction Drawings	Infinigy Engineering, PLLC, Site Name: Ridgefield CT, Rev. 0, dated August 3, 2021
Proposed Loading	Verizon RFDS, Site ID: 324770, dated March 4, 2021
Mapping Report	Infinigy Engineering, PLLC, Site Name: Ridgefield CT, dated November 28, 2018
Structural Analysis Report	Infinigy Engineering, PLLC, Site Name: Ridgefield CT, dated December 11, 2018

## 5. RESULTS

Components	Capacity	Pass/Fail
Pole	90.0%	Pass
Pole Reinforcement	81.2%	Pass
Anchor Rod(s)	95.7%	Pass
Base Plate	51.6%	Pass
Foundation Soil Interaction	52.8%	Pass
Structural Foundation	63.9%	Pass
<b>RATING =</b>	<b>95.7%</b>	<b>Pass</b>

## 6. DEFLECTION, TWIST, AND SWAY

Antenna Elevation (ft)	Deflection (in)	Twist (°)	Sway (°)
128.0	18.875	0.004	1.426

Notes:

1. Per ANSI/TIA-222-G Section 2.8.2 maximum serviceability structural deflection limit is 3% of structure height.
2. Per ANSI/TIA-222-G Section 2.8.2 maximum serviceability structural twist and sway limit is 4 degrees.
3. Per ANSI/TIA-222-G Section 2.8.3 deflection, Twist, and sway values were calculated using a basic 3-second gust wind speed of 60 mph.
4. It is the responsibility of the client to ensure their proposed and/or existing equipment will meet ANSI/TIA-222-G Annex D or other appropriate microwave signal degradation limits based on the provided values above.

## 7. RECOMMENDATIONS

The tower and its foundation have sufficient capacity to carry the proposed loading configuration with the recommended structural modifications installed. The installation shall be performed in accordance with the construction documents and modification drawings prepared by Infinigy Engineering, dated September 01, 2021.

If you have any questions, require additional information, or believe the actual conditions differ from those detailed in this report, please contact us immediately.

Luis Mendoza, P.E.

Director of Structural Engineering | [INFINIGY](#)

## 8. ASSUMPTIONS

The tower and its components were maintained in accordance with TIA-222 standard.
The configuration of antennas, feedlines and cables, mounts, and other appurtenances are as specified in the final tower loading configuration table.
The analysis will require revisions if the existing conditions in the field differ from those shown in the above-referenced documents or assumed in this analysis. No allowance was made for any damaged, missing, or rusted members.

## 9. LIABILITY WAIVER AND LIMITATIONS

Our structural calculations are completed assuming all information provided to Infinigy is accurate and applicable to this site. For the purposes of calculations, we assume an overall structure condition as erected and all members and connections to be free of corrosion and/or structural defects. The structure owner and/or contractor shall verify the structure's condition prior to installation of any proposed equipment. If actual conditions differ from those described in this report, Infinigy should be notified immediately to assess the impact on the results of this report.

Our evaluation is completed using industry standard methods and procedures. The structural results, conclusions and recommendations contained in this report are proprietary and should not be used by others as their own. Infinigy is not responsible for decisions made by others that are or are not based on the stated assumptions and conclusions in this report.

This report is an evaluation of the tower structure and its foundation only and does not determine the adequacy of the mounts or cable mounting attachments. The analysis of these elements is outside the scope of this analysis, are assumed to be adequate for the purpose of this report and to have been installed per their manufacturer requirements. This document is not for construction purposes.

TYPE	ELEVATION	TYPE	ELEVATION
PD400-140	130	1900 MHZ G	116
BXA-80080-4CF w/ Mount Pipe	128	TD-RRHx20	116
BXA-80080-4CF w/ Mount Pipe	128	TD-RRHx20	116
BXA-80080-4CF w/ Mount Pipe	128	TD-RRHx20	116
(2) JAHH-65B-R3B_TIA w/ Mount Pipe	128	Platform Mount [LP 303-1]	116
(2) JAHH-65B-R3B_TIA w/ Mount Pipe	128	Pipe Mount [PM 601-1]	106
(2) JAHH-65B-R3B_TIA w/ Mount Pipe	128	VHLP3-11W-6WH/A	106
VZS01 w/ Mount Pipe	128	LNx-6515DS-VTM_TIA w/ Mount Pipe	99
VZS01 w/ Mount Pipe	128	LNx-6515DS-VTM_TIA w/ Mount Pipe	99
VZS01 w/ Mount Pipe	128	RRUS 11	99
CBC78T-DS-43-2X	128	RRUS 11	99
CBC78T-DS-43-2X	128	RRUS 11	99
CBC78T-DS-43-2X	128	Platform Mount [LP 602-1]	99
CBRS RT4401-48A	128	BA4040-41-DIN	99
CBRS RT4401-48A	128	BA4040-41-DIN	99
CBRS RT4401-48A	128	AIR 21 B2A/B4P w/ Mount Pipe	99
RADIO 8843 B2/B66A	128	AIR 21 B2A/B4P w/ Mount Pipe	99
RADIO 8843 B2/B66A	128	AIR 21 B2A/B4P w/ Mount Pipe	99
RADIO 8843 B2/B66A	128	AIR 21 B4A/B2P w/ Mount Pipe	99
RADIO 4449 B13/B5	128	AIR 21 B4A/B2P w/ Mount Pipe	99
RADIO 4449 B13/B5	128	AIR 21 B4A/B2P w/ Mount Pipe	99
RADIO 4449 B13/B5	128	KRY 112 144/1	99
Samsung XXDWM-12.5-65-8T-CBRS	128	KRY 112 144/1	99
Samsung XXDWM-12.5-65-8T-CBRS	128	KRY 112 144/1	99
Samsung XXDWM-12.5-65-8T-CBRS	128	LNx-6515DS-VTM_TIA w/ Mount Pipe	99
Platform Mount [LP 715-1]	128	Pipe Mount [PM 601-1]	87
Kicker Reinforcement	124	VHLP3-11W-6WH/A	87
APXVSP18-C-A20_TIA w/ Mount Pipe	116	18" Dipole	86
APXVSP18-C-A20_TIA w/ Mount Pipe	116	Side Arm Mount [SO 701-1]	86
APXVSP18-C-A20_TIA w/ Mount Pipe	116	10" x 2" Omni	85
APXVTM14-ALU-i20_TIA w/ Mount Pipe	116	Pipe Mount [PM 601-1]	85
APXVTM14-ALU-i20_TIA w/ Mount Pipe	116	VHLP3-11W-6WH/A	85
APXVTM14-ALU-i20_TIA w/ Mount Pipe	116	3' Yagi	59
800 MHZ RADIO FILTER	116	Side Arm Mount [SO 701-1]	59
800 MHZ RADIO FILTER	116	2" Omni	57
800 MHZ RADIO FILTER	116	Side Arm Mount [SO 701-1]	57
1900 MHZ G	116	GPS	50
1900 MHZ G	116		

GRADE	Fy	Fu	GRADE	Fy	Fu
A572-65	65 ksi	80 ksi			

1. Tower is located in Fairfield County, Connecticut.
2. Tower designed for Exposure B 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 III.
7. Topographic Category 1 with Crest Height of 0.00 ft
8. Seismic calculations are in accordance with TIA-222-G

ALL REACTIONS  
ARE FACTORED

TORQUE 769 lb-ft  
50 mph WIND - 0.7500 in ICE

Diagram of a semi-circular arch with a vertical axial load of 37680 lb at the crown. The left support is labeled "SHEAR 35880 lb" and the right support is labeled "MOMENT 3068347 lb-ft".

TORQUE 2780 lb-ft  
REACTIONS - 97 mph WIND

<b>Infinigy Engineering, LLP</b>		<b>Job: 1126-D0001-B</b>	
26455 Rancho Parkway S.		<b>Project: Ridgefield CT</b>	
Lake Forest, CA 92630		<b>Client:</b> Verizon Wireless	<b>Drawn by:</b> L. Mendoza
Phone: (518) 690-0790		<b>Code:</b> TIA-222-G	<b>Date:</b> 09/02/21
FAX: (518) 690-0790		<b>Path:</b> D:\projects\Progress\Other Clients\RIDGEFIELD CT\Report\original\Ridgefield CT M	<b>Scale:</b> NTS
			<b>Dwg No:</b> E-1

<b><i>tnxTower</i></b>  <b><i>Infinigy Engineering, LLP</i></b> 26455 Rancho Parkway S. Lake Forest, CA 92630 Phone: (518) 690-0790 FAX: (518) 690-0790	<b>Job</b>  1126-D0001-B	<b>Page</b>  1 of 38
	<b>Project</b>  Ridgefield CT	<b>Date</b>  12:52:26 09/02/21
	<b>Client</b>  Verizon Wireless	<b>Designed by</b>  L. Mendoza

## Tower Input Data

The tower is a monopole.

This tower is designed using the TIA-222-G standard.

The following design criteria apply:

Tower is located in Fairfield County, Connecticut.

Basic wind speed of 97 mph.

Structure Class III.

Exposure Category B.

Topographic Category 1.

Crest Height 0.00 ft.

Nominal ice thickness of 0.7500 in.

Ice thickness is considered to increase with height.

Ice density of 56 pcf.

A wind speed of 50 mph is used in combination with ice.

Temperature drop of 50 °F.

Deflections calculated using a wind speed of 60 mph.

Seismic calculations are in accordance with TIA-222-G.

A non-linear (P-delta) analysis was used.

Pressures are calculated at each section.

Stress ratio used in pole design is 1.

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	Section	Splice	Number	Top	Bottom	Wall	Bend	Pole Grade
	ft	Length	Length	of	Diameter	Diameter	Thickness	Radius	
		ft	ft	Sides	in	in	in	in	



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	<b>Project</b>	Ridgefield CT	<b>Date</b>	12:52:26 09/02/21
	<b>Client</b>	Verizon Wireless	<b>Designed by</b>	L. Mendoza

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	130.00-125.00	5.00	0.00	12	16.2600	17.3603	0.2200	0.8800	A572-65 (65 ksi)
L2	125.00-120.00	5.00	0.00	12	17.3603	18.4606	0.2200	0.8800	A572-65 (65 ksi)
L3	120.00-115.00	5.00	0.00	12	18.4606	19.5609	0.2200	0.8800	A572-65 (65 ksi)
L4	115.00-110.00	5.00	0.00	12	19.5609	20.6612	0.2200	0.8800	A572-65 (65 ksi)
L5	110.00-105.00	5.00	0.00	12	20.6612	21.7615	0.2200	0.8800	A572-65 (65 ksi)
L6	105.00-100.00	5.00	0.00	12	21.7615	22.8618	0.2200	0.8800	A572-65 (65 ksi)
L7	100.00-95.00	5.00	0.00	12	22.8618	23.9621	0.2200	0.8800	A572-65 (65 ksi)
L8	95.00-89.92	5.08	4.08	12	23.9621	25.0800	0.2200	0.8800	A572-65 (65 ksi)
L9	89.92-89.00	5.00	0.00	12	23.7422	24.8422	0.3100	1.2400	A572-65 (65 ksi)
L10	89.00-84.00	5.00	0.00	12	24.8422	25.9422	0.3100	1.2400	A572-65 (65 ksi)
L11	84.00-79.00	5.00	0.00	12	25.9422	27.0423	0.3100	1.2400	A572-65 (65 ksi)
L12	79.00-74.00	5.00	0.00	12	27.0423	28.1423	0.3100	1.2400	A572-65 (65 ksi)
L13	74.00-69.00	5.00	0.00	12	28.1423	29.2424	0.3100	1.2400	A572-65 (65 ksi)
L14	69.00-64.00	5.00	0.00	12	29.2424	30.3424	0.3100	1.2400	A572-65 (65 ksi)
L15	64.00-60.00	4.00	0.00	12	30.3424	31.2225	0.3100	1.2400	A572-65 (65 ksi)
L16	60.00-59.75	0.25	0.00	12	31.2225	31.2775	0.5975	2.3900	A572-65 (65 ksi)
L17	59.75-54.75	5.00	0.00	12	31.2775	32.3775	0.5850	2.3400	A572-65 (65 ksi)
L18	54.75-44.83	9.92	5.17	12	32.3775	34.5600	0.5725	2.2900	A572-65 (65 ksi)
L19	44.83-43.83	6.17	0.00	12	32.8026	34.1596	0.6425	2.5700	A572-65 (65 ksi)
L20	43.83-40.00	3.83	0.00	12	34.1596	35.0020	0.6300	2.5200	A572-65 (65 ksi)
L21	40.00-39.75	0.25	0.00	12	35.0020	35.0570	0.3800	1.5200	A572-65 (65 ksi)
L22	39.75-34.75	5.00	0.00	12	35.0570	36.1568	0.3800	1.5200	A572-65 (65 ksi)
L23	34.75-29.75	5.00	0.00	12	36.1568	37.2565	0.3800	1.5200	A572-65 (65 ksi)
L24	29.75-24.75	5.00	0.00	12	37.2565	38.3563	0.3800	1.5200	A572-65 (65 ksi)
L25	24.75-22.50	2.25	0.00	12	38.3563	38.8511	0.3800	1.5200	A572-65 (65 ksi)
L26	22.50-22.25	0.25	0.00	12	38.8511	38.9061	0.6800	2.7200	A572-65 (65 ksi)
L27	22.25-17.25	5.00	0.00	12	38.9061	40.0059	0.6675	2.6700	A572-65 (65 ksi)
L28	17.25-12.25	5.00	0.00	12	40.0059	41.1056	0.6550	2.6200	A572-65 (65 ksi)
L29	12.25-7.25	5.00	0.00	12	41.1056	42.2054	0.6550	2.6200	A572-65 (65 ksi)
L30	7.25-3.50	3.75	0.00	12	42.2054	43.0302	0.6425	2.5700	A572-65 (65 ksi)
L31	3.50-3.25	0.25	0.00	12	43.0302	43.0852	0.8800	3.5200	A572-65

<b>tnxTower</b>  <b>Infinigy Engineering, LLP</b> 26455 Rancho Parkway S. Lake Forest, CA 92630 Phone: (518) 690-0790 FAX: (518) 690-0790	<b>Job</b>	1126-D0001-B	<b>Page</b>	3 of 38
	<b>Project</b>	Ridgefield CT	<b>Date</b>	12:52:26 09/02/21
	<b>Client</b>	Verizon Wireless	<b>Designed by</b>	L. Mendoza

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 (65 ksi)
L32	3.25-3.00	0.25	0.00	12	43.0852	43.1402	0.8800	3.5200	A572-65 (65 ksi)
L33	3.00-2.75	0.25	0.00	12	43.1402	43.1951	0.6175	2.4700	A572-65 (65 ksi)
L34	2.75-0.00	2.75		12	43.1951	43.8000	0.6175	2.4700	A572-65 (65 ksi)

## Tapered Pole Properties

Section	Tip Dia. in	Area in <sup>2</sup>	I in <sup>4</sup>	r in	C in	I/C in <sup>3</sup>	J in <sup>4</sup>	It/Q in <sup>2</sup>	w in	w/t
L1	16.7560	11.3627	373.1450	5.7423	8.4227	44.3024	756.0929	5.5924	3.7681	17.128
	17.8951	12.1422	455.3231	6.1362	8.9926	50.6329	922.6081	5.9760	4.0630	18.468
L2	17.8951	12.1422	455.3231	6.1362	8.9926	50.6329	922.6081	5.9760	4.0630	18.468
	19.0342	12.9216	548.7592	6.5301	9.5626	57.3860	1111.9348	6.3596	4.3578	19.808
L3	19.0342	12.9216	548.7592	6.5301	9.5626	57.3860	1111.9348	6.3596	4.3578	19.808
	20.1733	13.7011	654.1757	6.9240	10.1325	64.5618	1325.5374	6.7433	4.6527	21.149
L4	20.1733	13.7011	654.1757	6.9240	10.1325	64.5618	1325.5374	6.7433	4.6527	21.149
	21.3124	14.4805	772.2955	7.3179	10.7025	72.1603	1564.8801	7.1269	4.9476	22.489
L5	21.3124	14.4805	772.2955	7.3179	10.7025	72.1603	1564.8801	7.1269	4.9476	22.489
	22.4516	15.2600	903.8412	7.7119	11.2725	80.1814	1831.4274	7.5105	5.2425	23.829
L6	22.4516	15.2600	903.8412	7.7119	11.2725	80.1814	1831.4274	7.5105	5.2425	23.829
	23.5907	16.0394	1049.5355	8.1058	11.8424	88.6252	2126.6435	7.8941	5.5374	25.17
L7	23.5907	16.0394	1049.5355	8.1058	11.8424	88.6252	2126.6435	7.8941	5.5374	25.17
	24.7298	16.8189	1210.1011	8.4997	12.4124	97.4916	2451.9929	8.2778	5.8322	26.51
L8	24.7298	16.8189	1210.1011	8.4997	12.4124	97.4916	2451.9929	8.2778	5.8322	26.51
	25.8871	17.6108	1389.2099	8.8999	12.9914	106.9327	2814.9159	8.6675	6.1318	27.872
L9	25.8871	17.6108	1389.2099	8.8999	12.9914	106.9327	2814.9159	8.6675	6.1318	27.872
	26.7480	18.4880	1581.1051	9.3179	13.5814	117.1603	3221.5271	9.0518	6.4165	29.212
L10	26.7480	18.4880	1581.1051	9.3179	13.5814	117.1603	3221.5271	9.0518	6.4165	29.212
	27.6092	19.3701	1781.1051	9.7423	14.1714	128.1603	3631.5271	9.4418	6.7013	30.552
L11	27.6092	19.3701	1781.1051	9.7423	14.1714	128.1603	3631.5271	9.4418	6.7013	30.552
	28.4704	20.2522	1981.1051	10.1673	14.7614	139.1603	4041.5271	9.8318	6.9861	31.892
L12	28.4704	20.2522	1981.1051	10.1673	14.7614	139.1603	4041.5271	9.8318	6.9861	31.892
	29.3316	21.1343	2181.1051	10.5626	15.3514	150.1603	4451.5271	10.2218	7.2709	33.232
L13	29.3316	21.1343	2181.1051	10.5626	15.3514	150.1603	4451.5271	10.2218	7.2709	33.232
	30.1928	22.0164	2381.1051	10.9579	15.9414	161.1603	4861.5271	10.6118	7.5557	34.572
L14	30.1928	22.0164	2381.1051	10.9579	15.9414	161.1603	4861.5271	10.6118	7.5557	34.572
	31.0540	22.8985	2581.1051	11.3532	16.5314	172.1603	5271.5271	11.0018	7.8405	35.912
L15	31.0540	22.8985	2581.1051	11.3532	16.5314	172.1603	5271.5271	11.0018	7.8405	35.912
	31.9152	23.7806	2781.1051	11.7485	17.1214	183.1603	5681.5271	11.3918	8.1253	37.252
L16	31.9152	23.7806	2781.1051	11.7485	17.1214	183.1603	5681.5271	11.3918	8.1253	37.252
	32.7764	24.6627	2981.1051	12.1438	17.7114	194.1603	6091.5271	11.7818	8.4101	38.592
L17	32.7764	24.6627	2981.1051	12.1438	17.7114	194.1603	6091.5271	11.7818	8.4101	38.592
	33.6376	25.5448	3181.1051	12.5491	18.3014	205.1603	6501.5271	12.1718	8.6949	39.932
L18	33.6376	25.5448	3181.1051	12.5491	18.3014	205.1603	6501.5271	12.1718	8.6949	39.932
	34.4988	26.4269	3381.1051	12.9544	18.8914	216.1603	6911.5271	12.5618	8.9797	41.272
L19	34.4988	26.4269	3381.1051	12.9544	18.8914	216.1603	6911.5271	12.5618	8.9797	41.272
	35.3600	27.3090	3581.1051	13.3597	19.4814	227.1603	7321.5271	12.9518	9.2645	42.612
L20	35.3600	27.3090	3581.1051	13.3597	19.4814	227.1603	7321.5271	12.9518	9.2645	42.612
	36.2212	28.1911	3781.1051	13.7650	20.0714	238.1603	7731.5271	13.3418	9.5493	43.952
L21	36.2212	28.1911	3781.1051	13.7650	20.0714	238.1603	7731.5271	13.3418	9.5493	43.952
	37.0824	29.0732	3981.1051	14.1703	20.6614	249.1603	8141.5271	13.7318	9.8341	45.292
L22	37.0824	29.0732	3981.1051	14.1703	20.6614	249.1603	8141.5271	13.7318	9.8341	45.292

<b><i>tnxTower</i></b>  <b><i>Infinigy Engineering, LLP</i></b> 26455 Rancho Parkway S. Lake Forest, CA 92630 Phone: (518) 690-0790 FAX: (518) 690-0790	<b>Job</b>	1126-D0001-B	<b>Page</b>	4 of 38
	<b>Project</b>	Ridgefield CT	<b>Date</b>	12:52:26 09/02/21
	<b>Client</b>	Verizon Wireless	<b>Designed by</b>	L. Mendoza

Section	Tip Dia. in	Area in <sup>2</sup>	I in <sup>4</sup>	r in	C in	I/C in <sup>3</sup>	J in <sup>4</sup>	It/Q in <sup>2</sup>	w in	w/t
L23	37.2982	43.7765	7152.0241	12.8081	18.7292	381.8647	14491.9399	21.5454	8.6716	22.82
	38.4367	45.1221	7832.0451	13.2018	19.2989	405.8291	15869.8468	22.2077	8.9663	23.596
L24	38.4367	45.1221	7832.0451	13.2018	19.2989	405.8291	15869.8468	22.2077	8.9663	23.596
	39.5753	46.4678	8553.8598	13.5955	19.8685	430.5227	17332.4390	22.8700	9.2611	24.371
L25	39.5753	46.4678	8553.8598	13.5955	19.8685	430.5227	17332.4390	22.8700	9.2611	24.371
	40.0876	47.0733	8892.6437	13.7727	20.1249	441.8728	18018.9070	23.1680	9.3937	24.72
L26	39.9818	83.5795	15543.7726	13.6653	20.1249	772.3654	31495.8973	41.1353	8.5897	12.632
	40.0387	83.6999	15611.0438	13.6850	20.1534	774.6118	31632.2072	41.1946	8.6044	12.654
L27	40.0431	82.1882	15339.1140	13.6894	20.1534	761.1187	31081.2037	40.4505	8.6379	12.941
	41.1817	84.5519	16701.0023	14.0831	20.7230	805.9144	33840.7584	41.6139	8.9327	13.382
L28	41.1861	82.9949	16403.8768	14.0876	20.7230	791.5765	33238.7016	40.8476	8.9662	13.689
	42.3246	85.3144	17817.9956	14.4813	21.2927	836.8119	36104.0899	41.9892	9.2609	14.139
L29	42.3246	85.3144	17817.9956	14.4813	21.2927	836.8119	36104.0899	41.9892	9.2609	14.139
	43.4632	87.6339	19311.1357	14.8750	21.8624	883.3043	39129.5964	43.1307	9.5556	14.589
L30	43.4676	85.9873	18959.7038	14.8795	21.8624	867.2296	38417.5001	42.3204	9.5891	14.925
	44.3215	87.6937	20111.0088	15.1748	22.2896	902.2584	40750.3562	43.1602	9.8102	15.269
L31	44.2377	119.4367	27084.6205	15.0898	22.2896	1215.1219	54880.7842	58.7831	9.1737	10.425
	44.2946	119.5926	27190.7590	15.1094	22.3181	1218.3268	55095.8496	58.8598	9.1884	10.441
L32	44.2946	119.5926	27190.7590	15.1094	22.3181	1218.3268	55095.8496	58.8598	9.1884	10.441
	44.3515	119.7484	27297.1745	15.1291	22.3466	1221.5359	55311.4761	58.9365	9.2032	10.458
L33	44.4441	84.5499	19513.7100	15.2231	22.3466	873.2295	39540.0670	41.6129	9.9067	16.043
	44.5011	84.6593	19589.5091	15.2428	22.3751	875.5056	39693.6565	41.6667	9.9214	16.067
L34	44.5011	84.6593	19589.5091	15.2428	22.3751	875.5056	39693.6565	41.6667	9.9214	16.067
	45.1273	85.8619	20436.2934	15.4593	22.6884	900.7375	41409.4710	42.2586	10.0835	16.33

Tower Elevation	Gusset Area (per face)	Gusset Thickness	Gusset Grade	Adjust. Factor A <sub>f</sub>	Adjust. Factor A <sub>r</sub>	Weight Mult.	Double Angle Stitch Bolt Spacing Diagonals in	Double Angle Stitch Bolt Spacing Horizontals in	Double Angle Stitch Bolt Spacing Redundants in
ft	ft <sup>2</sup>	in							
L1				1	1	1			
130.00-125.00				1	1	1			
L2				1	1	1			
125.00-120.00				1	1	1			
L3				1	1	1			
120.00-115.00				1	1	1			
L4				1	1	1			
115.00-110.00				1	1	1			
L5				1	1	1			
110.00-105.00				1	1	1			
L6				1	1	1			
105.00-100.00				1	1	1			
L7				1	1	1			
100.00-95.00				1	1	1			
L8 95.00-89.92				1	1	1			
L9 89.92-89.00				1	1	1			
L10				1	1	1			
89.00-84.00				1	1	1			
L11				1	1	1			
84.00-79.00				1	1	1			
L12				1	1	1			
79.00-74.00				1	1	1			
L13				1	1	1			
74.00-69.00				1	1	1			
L14				1	1	1			
69.00-64.00				1	1	1			
L15				1	1	1			
64.00-60.00				1	1	0.947835			
L16				1	1	0.952546			
60.00-59.75				1	1	0.952546			
L17				1	1	0.952546			

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	<b>Project</b>	Ridgefield CT	<b>Date</b>	12:52:26 09/02/21
	<b>Client</b>	Verizon Wireless	<b>Designed by</b>	L. Mendoza

<i>Tower Elevation</i>	<i>Gusset Area (per face)</i>	<i>Gusset Thickness</i>	<i>Gusset Grade</i>	<i>Adjust. Factor A<sub>f</sub></i>	<i>Adjust. Factor A<sub>r</sub></i>	<i>Weight Mult.</i>	<i>Double Angle Stitch Bolt Spacing Diagonals in</i>	<i>Double Angle Stitch Bolt Spacing Horizontals in</i>	<i>Double Angle Stitch Bolt Spacing Redundants in</i>
<i>ft</i>	<i>ft<sup>2</sup></i>	<i>in</i>							
59.75-54.75									
L18				1	1	0.959235			
54.75-44.83				1	1	0.957121			
L19									
44.83-43.83				1	1	0.966616			
L20									
43.83-40.00				1	1	1			
L21									
40.00-39.75				1	1	1			
L22									
39.75-34.75				1	1	1			
L23									
34.75-29.75				1	1	1			
L24									
29.75-24.75				1	1	1			
L25									
24.75-22.50				1	1	0.952058			
L26									
22.50-22.25				1	1	0.958379			
L27									
22.25-17.25				1	1	0.965587			
L28									
17.25-12.25				1	1	0.955385			
L29 12.25-7.25				1	1	0.966242			
L30 7.25-3.50				1	1	0.918422			
L31 3.50-3.25				1	1	0.917789			
L32 3.25-3.00				1	1	0.914542			
L33 3.00-2.75				1	1	0.910352			
L34 2.75-0.00									

### Feed Line/Linear Appurtenances - Entered As Round Or Flat

<i>Description</i>	<i>Sector</i>	<i>Exclude From Torque Calculation</i>	<i>Component Type</i>	<i>Placement  ft</i>	<i>Total Number</i>	<i>Number Per Row</i>	<i>Start/End Position</i>	<i>Width or Diameter in</i>	<i>Perimeter in</i>	<i>Weight plf</i>
7/8	C	No	Surface Ar (CaAa)	130.00 - 0.00	1	1	0.000 0.000	1.1100		0.54
1 1/4" Hybrid	B	No	Surface Ar (CaAa)	130.00 - 0.00	2	2	0.450 0.500	1.2500		1.00
***										
1 1/4" Hybrid	C	No	Surface Ar (CaAa)	116.00 - 0.00	3	3	-0.350 -0.150	1.2500		1.00
***										
EW63	A	No	Surface Ar (CaAa)	85.00 - 0.00	3	3	-0.500 -0.400	1.5742		0.51
EW63	A	No	Surface Ar (CaAa)	87.00 - 85.00	2	2	-0.500 -0.400	1.5742		0.51
EW63	A	No	Surface Ar (CaAa)	106.00 - 87.00	1	1	-0.500 -0.400	1.5742		0.51
7/8	A	No	Surface Ar (CaAa)	99.00 - 0.00	8	4	-0.150 0.150	1.1100		0.54
***										
7/8	B	No	Surface Ar (CaAa)	57.00 - 0.00	6	6	0.000 0.250	1.1100		0.54

<b>tnxTower</b>  <b>Infinigy Engineering, LLP</b> 26455 Rancho Parkway S. Lake Forest, CA 92630 Phone: (518) 690-0790 FAX: (518) 690-0790	<b>Job</b>	1126-D0001-B	<b>Page</b>	6 of 38
	<b>Project</b>	Ridgefield CT	<b>Date</b>	12:52:26 09/02/21
	<b>Client</b>	Verizon Wireless	<b>Designed by</b>	L. Mendoza

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 plf
7/8	B	No	Surface Ar (CaAa)	59.00 - 57.00	5	5	0.000 0.250	1.1100		0.54
7/8	B	No	Surface Ar (CaAa)	85.00 - 59.00	4	4	0.000 0.250	1.1100		0.54
7/8	B	No	Surface Ar (CaAa)	99.00 - 85.00	2	2	0.000 0.250	1.1100		0.54
***										
Safety Climb	A	No	Surface Ar (CaAa)	130.00 - 0.00	1	1	0.500 0.500	0.3750		0.38
***										
Reinf. Plate (5"x1.25")	A	No	Surface Af (CaAa)	62.00 - 38.00	1	1	0.500 0.500	5.0000	11.2500	0.00
Reinf. Plate (5"x1.25")	B	No	Surface Af (CaAa)	62.00 - 38.00	1	1	0.200 0.200	5.0000	11.2500	0.00
Reinf. Plate (5"x1.25")	C	No	Surface Af (CaAa)	62.00 - 38.00	1	1	0.000 0.000	5.0000	11.2500	0.00
Reinf. Plate (5"x1.25")	A	No	Surface Af (CaAa)	62.00 - 38.00	1	1	-0.200 -0.200	5.0000	11.2500	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 <sub>A</sub> A <sub>A</sub> ft <sup>2</sup> /ft	Weight plf
***									
7/8	A	No	No	Inside Pole	130.00 - 0.00	12	No Ice 1/2" Ice 1" Ice	0.00 0.00 0.00	0.54 0.54 0.54
1/2	A	No	No	Inside Pole	130.00 - 0.00	1	No Ice 1/2" Ice 1" Ice	0.00 0.00 0.00	0.15 0.15 0.15
***									
7/8	A	No	No	Inside Pole	99.00 - 0.00	13	No Ice 1/2" Ice 1" Ice	0.00 0.00 0.00	0.54 0.54 0.54
***									
1/2	A	No	No	Inside Pole	50.00 - 0.00	1	No Ice 1/2" Ice 1" Ice	0.00 0.00 0.00	0.15 0.15 0.15

### Feed Line/Linear Appurtenances Section Areas

Tower Section	Tower Elevation ft	Face	A <sub>R</sub> ft <sup>2</sup>	A <sub>F</sub> ft <sup>2</sup>	C <sub>A</sub> A <sub>A</sub> In Face ft <sup>2</sup>	C <sub>A</sub> A <sub>A</sub> Out Face ft <sup>2</sup>	Weight lb
L1	130.00-125.00	A	0.000	0.000	0.188	0.000	35.05
		B	0.000	0.000	1.250	0.000	10.00
		C	0.000	0.000	0.555	0.000	2.70
L2	125.00-120.00	A	0.000	0.000	0.188	0.000	35.05
		B	0.000	0.000	1.250	0.000	10.00

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	<b>Project</b>	Ridgefield CT	<b>Date</b>	12:52:26 09/02/21
	<b>Client</b>	Verizon Wireless	<b>Designed by</b>	L. Mendoza

<i>Tower Section</i>	<i>Tower Elevation ft</i>	<i>Face</i>	<i>A<sub>R</sub></i> <i>ft<sup>2</sup></i>	<i>A<sub>F</sub></i> <i>ft<sup>2</sup></i>	<i>C<sub>A</sub>A<sub>A</sub></i> <i>In Face ft<sup>2</sup></i>	<i>C<sub>A</sub>A<sub>A</sub></i> <i>Out Face ft<sup>2</sup></i>	<i>Weight lb</i>
L3	120.00-115.00	C	0.000	0.000	0.555	0.000	2.70
		A	0.000	0.000	0.188	0.000	35.05
		B	0.000	0.000	1.250	0.000	10.00
		C	0.000	0.000	0.930	0.000	5.70
L4	115.00-110.00	A	0.000	0.000	0.188	0.000	35.05
		B	0.000	0.000	1.250	0.000	10.00
		C	0.000	0.000	2.430	0.000	17.70
L5	110.00-105.00	A	0.000	0.000	0.345	0.000	35.56
		B	0.000	0.000	1.250	0.000	10.00
		C	0.000	0.000	2.430	0.000	17.70
L6	105.00-100.00	A	0.000	0.000	0.975	0.000	37.60
		B	0.000	0.000	1.250	0.000	10.00
		C	0.000	0.000	2.430	0.000	17.70
L7	100.00-95.00	A	0.000	0.000	2.751	0.000	82.96
		B	0.000	0.000	2.138	0.000	14.32
		C	0.000	0.000	2.430	0.000	17.70
L8	95.00-89.92	A	0.000	0.000	3.246	0.000	95.81
		B	0.000	0.000	2.398	0.000	15.65
		C	0.000	0.000	2.469	0.000	17.98
L9	89.92-89.00	A	0.000	0.000	0.588	0.000	17.35
		B	0.000	0.000	0.434	0.000	2.83
		C	0.000	0.000	0.447	0.000	3.26
L10	89.00-84.00	A	0.000	0.000	3.824	0.000	96.34
		B	0.000	0.000	2.582	0.000	16.48
		C	0.000	0.000	2.430	0.000	17.70
L11	84.00-79.00	A	0.000	0.000	4.769	0.000	99.40
		B	0.000	0.000	3.470	0.000	20.80
		C	0.000	0.000	2.430	0.000	17.70
L12	79.00-74.00	A	0.000	0.000	4.769	0.000	99.40
		B	0.000	0.000	3.470	0.000	20.80
		C	0.000	0.000	2.430	0.000	17.70
L13	74.00-69.00	A	0.000	0.000	4.769	0.000	99.40
		B	0.000	0.000	3.470	0.000	20.80
		C	0.000	0.000	2.430	0.000	17.70
L14	69.00-64.00	A	0.000	0.000	4.769	0.000	99.40
		B	0.000	0.000	3.470	0.000	20.80
		C	0.000	0.000	2.430	0.000	17.70
L15	64.00-60.00	A	0.000	0.000	7.148	0.000	79.52
		B	0.000	0.000	4.443	0.000	16.64
		C	0.000	0.000	3.611	0.000	14.16
L16	60.00-59.75	A	0.000	0.000	0.655	0.000	4.97
		B	0.000	0.000	0.382	0.000	1.04
		C	0.000	0.000	0.330	0.000	0.89
L17	59.75-54.75	A	0.000	0.000	13.102	0.000	99.40
		B	0.000	0.000	8.358	0.000	24.31
		C	0.000	0.000	6.597	0.000	17.70
L18	54.75-44.83	A	0.000	0.000	25.995	0.000	197.99
		B	0.000	0.000	17.353	0.000	51.98
		C	0.000	0.000	13.088	0.000	35.12
L19	44.83-43.83	A	0.000	0.000	2.620	0.000	20.03
		B	0.000	0.000	1.749	0.000	5.24
		C	0.000	0.000	1.319	0.000	3.54
L20	43.83-40.00	A	0.000	0.000	10.036	0.000	76.71
		B	0.000	0.000	6.700	0.000	20.07
		C	0.000	0.000	5.053	0.000	13.56
L21	40.00-39.75	A	0.000	0.000	0.655	0.000	5.01
		B	0.000	0.000	0.437	0.000	1.31
		C	0.000	0.000	0.330	0.000	0.89
L22	39.75-34.75	A	0.000	0.000	7.685	0.000	100.15
		B	0.000	0.000	6.038	0.000	26.20
		C	0.000	0.000	3.888	0.000	17.70

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	<b>Project</b>	Ridgefield CT	<b>Date</b>	12:52:26 09/02/21
	<b>Client</b>	Verizon Wireless	<b>Designed by</b>	L. Mendoza

<i>Tower Section</i>	<i>Tower Elevation ft</i>	<i>Face</i>	<i>A<sub>R</sub></i> <i>ft<sup>2</sup></i>	<i>A<sub>F</sub></i> <i>ft<sup>2</sup></i>	<i>C<sub>A</sub>A<sub>A</sub></i> <i>In Face ft<sup>2</sup></i>	<i>C<sub>A</sub>A<sub>A</sub></i> <i>Out Face ft<sup>2</sup></i>	<i>Weight lb</i>
L23	34.75-29.75	A	0.000	0.000	4.769	0.000	100.15
		B	0.000	0.000	4.580	0.000	26.20
		C	0.000	0.000	2.430	0.000	17.70
L24	29.75-24.75	A	0.000	0.000	4.769	0.000	100.15
		B	0.000	0.000	4.580	0.000	26.20
		C	0.000	0.000	2.430	0.000	17.70
L25	24.75-22.50	A	0.000	0.000	2.146	0.000	45.07
		B	0.000	0.000	2.061	0.000	11.79
		C	0.000	0.000	1.093	0.000	7.96
L26	22.50-22.25	A	0.000	0.000	0.238	0.000	5.01
		B	0.000	0.000	0.229	0.000	1.31
		C	0.000	0.000	0.122	0.000	0.89
L27	22.25-17.25	A	0.000	0.000	4.769	0.000	100.15
		B	0.000	0.000	4.580	0.000	26.20
		C	0.000	0.000	2.430	0.000	17.70
L28	17.25-12.25	A	0.000	0.000	4.769	0.000	100.15
		B	0.000	0.000	4.580	0.000	26.20
		C	0.000	0.000	2.430	0.000	17.70
L29	12.25-7.25	A	0.000	0.000	4.769	0.000	100.15
		B	0.000	0.000	4.580	0.000	26.20
		C	0.000	0.000	2.430	0.000	17.70
L30	7.25-3.50	A	0.000	0.000	3.577	0.000	75.11
		B	0.000	0.000	3.435	0.000	19.65
		C	0.000	0.000	1.823	0.000	13.28
L31	3.50-3.25	A	0.000	0.000	0.238	0.000	5.01
		B	0.000	0.000	0.229	0.000	1.31
		C	0.000	0.000	0.122	0.000	0.89
L32	3.25-3.00	A	0.000	0.000	0.238	0.000	5.01
		B	0.000	0.000	0.229	0.000	1.31
		C	0.000	0.000	0.122	0.000	0.89
L33	3.00-2.75	A	0.000	0.000	0.238	0.000	5.01
		B	0.000	0.000	0.229	0.000	1.31
		C	0.000	0.000	0.122	0.000	0.89
L34	2.75-0.00	A	0.000	0.000	2.623	0.000	55.08
		B	0.000	0.000	2.519	0.000	14.41
		C	0.000	0.000	1.337	0.000	9.73

## Feed Line/Linear Appurtenances Section Areas - With Ice

<i>Tower Section</i>	<i>Tower Elevation ft</i>	<i>Face or Leg</i>	<i>Ice Thickness in</i>	<i>A<sub>R</sub></i> <i>ft<sup>2</sup></i>	<i>A<sub>F</sub></i> <i>ft<sup>2</sup></i>	<i>C<sub>A</sub>A<sub>A</sub></i> <i>In Face ft<sup>2</sup></i>	<i>C<sub>A</sub>A<sub>A</sub></i> <i>Out Face ft<sup>2</sup></i>	<i>Weight lb</i>
L1	130.00-125.00	A	2.146	0.000	0.000	2.334	0.000	68.11
		B		0.000	0.000	4.245	0.000	65.61
		C		0.000	0.000	2.701	0.000	45.39
L2	125.00-120.00	A	2.138	0.000	0.000	2.325	0.000	67.86
		B		0.000	0.000	4.235	0.000	65.28
		C		0.000	0.000	2.693	0.000	45.11
L3	120.00-115.00	A	2.129	0.000	0.000	2.316	0.000	67.61
		B		0.000	0.000	4.224	0.000	64.94
		C		0.000	0.000	3.685	0.000	61.01
L4	115.00-110.00	A	2.120	0.000	0.000	2.307	0.000	67.35
		B		0.000	0.000	4.212	0.000	64.59
		C		0.000	0.000	7.668	0.000	125.06
L5	110.00-105.00	A	2.110	0.000	0.000	2.877	0.000	77.09
		B		0.000	0.000	4.200	0.000	64.22
		C		0.000	0.000	7.646	0.000	124.33
L6	105.00-100.00	A	2.100	0.000	0.000	5.175	0.000	116.48

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	<b>Project</b>	Ridgefield CT	<b>Date</b>	12:52:26 09/02/21
	<b>Client</b>	Verizon Wireless	<b>Designed by</b>	L. Mendoza

<i>Tower Section</i>	<i>Tower Elevation ft</i>	<i>Face or Leg</i>	<i>Ice Thickness in</i>	<i>A<sub>R</sub></i> <i>ft<sup>2</sup></i>	<i>A<sub>F</sub></i> <i>ft<sup>2</sup></i>	<i>C<sub>A</sub>A<sub>A</sub></i> <i>In Face ft<sup>2</sup></i>	<i>C<sub>A</sub>A<sub>A</sub></i> <i>Out Face ft<sup>2</sup></i>	<i>Weight</i> <i>lb</i>
		B		0.000	0.000	4.187	0.000	63.83
		C		0.000	0.000	7.624	0.000	123.57
L7	100.00-95.00	A	2.089	0.000	0.000	9.463	0.000	239.00
		B		0.000	0.000	7.374	0.000	108.05
		C		0.000	0.000	7.600	0.000	122.78
L8	95.00-89.92	A	2.078	0.000	0.000	10.673	0.000	272.81
		B		0.000	0.000	8.276	0.000	120.28
		C		0.000	0.000	7.696	0.000	123.90
L9	89.92-89.00	A	2.072	0.000	0.000	1.933	0.000	49.41
		B		0.000	0.000	1.499	0.000	21.78
		C		0.000	0.000	1.394	0.000	22.44
L10	89.00-84.00	A	2.065	0.000	0.000	11.675	0.000	279.89
		B		0.000	0.000	8.389	0.000	122.21
		C		0.000	0.000	7.544	0.000	120.92
L11	84.00-79.00	A	2.052	0.000	0.000	13.097	0.000	297.80
		B		0.000	0.000	9.468	0.000	140.60
		C		0.000	0.000	7.517	0.000	120.01
L12	79.00-74.00	A	2.039	0.000	0.000	13.052	0.000	296.15
		B		0.000	0.000	9.436	0.000	139.53
		C		0.000	0.000	7.487	0.000	119.05
L13	74.00-69.00	A	2.026	0.000	0.000	13.004	0.000	294.41
		B		0.000	0.000	9.402	0.000	138.41
		C		0.000	0.000	7.457	0.000	118.03
L14	69.00-64.00	A	2.011	0.000	0.000	12.953	0.000	292.57
		B		0.000	0.000	9.365	0.000	137.22
		C		0.000	0.000	7.424	0.000	116.96
L15	64.00-60.00	A	1.997	0.000	0.000	15.254	0.000	291.08
		B		0.000	0.000	9.930	0.000	138.08
		C		0.000	0.000	8.379	0.000	121.96
L16	60.00-59.75	A	1.990	0.000	0.000	1.260	0.000	21.77
		B		0.000	0.000	0.773	0.000	10.41
		C		0.000	0.000	0.677	0.000	9.41
L17	59.75-54.75	A	1.981	0.000	0.000	25.144	0.000	433.27
		B		0.000	0.000	16.340	0.000	222.32
		C		0.000	0.000	13.504	0.000	187.01
L18	54.75-44.83	A	1.954	0.000	0.000	49.584	0.000	848.01
		B		0.000	0.000	33.190	0.000	449.76
		C		0.000	0.000	26.614	0.000	364.27
L19	44.83-43.83	A	1.931	0.000	0.000	4.998	0.000	85.56
		B		0.000	0.000	3.346	0.000	45.34
		C		0.000	0.000	2.683	0.000	36.72
L20	43.83-40.00	A	1.920	0.000	0.000	19.004	0.000	321.99
		B		0.000	0.000	12.725	0.000	170.12
		C		0.000	0.000	10.193	0.000	137.55
L21	40.00-39.75	A	1.911	0.000	0.000	1.238	0.000	20.91
		B		0.000	0.000	0.829	0.000	11.04
		C		0.000	0.000	0.664	0.000	8.92
L22	39.75-34.75	A	1.898	0.000	0.000	16.802	0.000	326.92
		B		0.000	0.000	12.592	0.000	174.78
		C		0.000	0.000	9.291	0.000	132.62
L23	34.75-29.75	A	1.871	0.000	0.000	12.461	0.000	276.01
		B		0.000	0.000	10.402	0.000	148.61
		C		0.000	0.000	7.108	0.000	106.91
L24	29.75-24.75	A	1.839	0.000	0.000	12.352	0.000	272.26
		B		0.000	0.000	10.323	0.000	145.91
		C		0.000	0.000	7.037	0.000	104.74
L25	24.75-22.50	A	1.813	0.000	0.000	5.517	0.000	121.12
		B		0.000	0.000	4.616	0.000	64.66
		C		0.000	0.000	3.140	0.000	46.33
L26	22.50-22.25	A	1.804	0.000	0.000	0.611	0.000	13.40
		B		0.000	0.000	0.512	0.000	7.14



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	<b>Project</b>	Ridgefield CT	<b>Date</b>	12:52:26 09/02/21
	<b>Client</b>	Verizon Wireless	<b>Designed by</b>	L. Mendoza

<i>Tower Section</i>	<i>Tower Elevation ft</i>	<i>Face or Leg</i>	<i>Ice Thickness in</i>	<i>A<sub>R</sub> ft<sup>2</sup></i>	<i>A<sub>F</sub> ft<sup>2</sup></i>	<i>C<sub>A</sub>A<sub>A</sub> In Face ft<sup>2</sup></i>	<i>C<sub>A</sub>A<sub>A</sub> Out Face ft<sup>2</sup></i>	<i>Weight lb</i>
L27	22.25-17.25	C		0.000	0.000	0.348	0.000	5.11
		A	1.781	0.000	0.000	12.148	0.000	265.35
		B		0.000	0.000	10.178	0.000	140.95
		C		0.000	0.000	6.906	0.000	100.75
L28	17.25-12.25	A	1.730	0.000	0.000	11.968	0.000	259.39
		B		0.000	0.000	10.049	0.000	136.66
		C		0.000	0.000	6.791	0.000	97.32
L29	12.25-7.25	A	1.660	0.000	0.000	11.723	0.000	251.37
		B		0.000	0.000	9.874	0.000	130.88
		C		0.000	0.000	6.633	0.000	92.71
L30	7.25-3.50	A	1.564	0.000	0.000	8.540	0.000	180.53
		B		0.000	0.000	7.226	0.000	92.39
		C		0.000	0.000	4.813	0.000	64.96
L31	3.50-3.25	A	1.493	0.000	0.000	0.557	0.000	11.65
		B		0.000	0.000	0.473	0.000	5.88
		C		0.000	0.000	0.313	0.000	4.11
L32	3.25-3.00	A	1.481	0.000	0.000	0.555	0.000	11.59
		B		0.000	0.000	0.471	0.000	5.84
		C		0.000	0.000	0.312	0.000	4.08
L33	3.00-2.75	A	1.469	0.000	0.000	0.553	0.000	11.53
		B		0.000	0.000	0.470	0.000	5.79
		C		0.000	0.000	0.310	0.000	4.04
L34	2.75-0.00	A	1.364	0.000	0.000	5.879	0.000	120.79
		B		0.000	0.000	5.025	0.000	59.35
		C		0.000	0.000	3.283	0.000	41.07

### Feed Line Center of Pressure

<i>Section</i>	<i>Elevation</i>	<i>CP<sub>x</sub></i>	<i>CP<sub>z</sub></i>	<i>CP<sub>x</sub></i>	<i>CP<sub>z</sub></i>
	<i>ft</i>	<i>in</i>	<i>in</i>	<i>Ice</i>	<i>Ice</i>
				<i>in</i>	<i>in</i>
L1	130.00-125.00	1.2127	1.0228	1.6108	1.0126
L2	125.00-120.00	1.2166	1.0258	1.6581	1.0408
L3	120.00-115.00	1.3786	1.3417	1.8096	1.3732
L4	115.00-110.00	1.9152	2.3925	2.1765	2.3244
L5	110.00-105.00	1.7709	2.4460	2.0096	2.4376
L6	105.00-100.00	1.1772	2.5682	1.2110	2.6733
L7	100.00-95.00	0.3588	1.1677	0.6842	1.2229
L8	95.00-89.92	0.2231	0.9494	0.6077	0.9896
L9	89.92-89.00	0.2246	0.9528	0.6123	0.9960
L10	89.00-84.00	-0.0225	1.0560	0.3729	1.0560
L11	84.00-79.00	-0.0276	1.0864	0.2949	1.0917
L12	79.00-74.00	-0.0244	1.1021	0.3054	1.1225
L13	74.00-69.00	-0.0213	1.1170	0.3155	1.1526
L14	69.00-64.00	-0.0184	1.1314	0.3252	1.1820
L15	64.00-60.00	0.9137	1.4096	0.9063	1.3775
L16	60.00-59.75	1.4908	1.5829	1.3294	1.5139
L17	59.75-54.75	1.7596	1.5005	1.5069	1.4743
L18	54.75-44.83	1.9503	1.4934	1.6568	1.4986
L19	44.83-43.83	1.9719	1.5092	1.6808	1.5192
L20	43.83-40.00	1.9909	1.5231	1.7029	1.5359
L21	40.00-39.75	2.0049	1.5333	1.7203	1.5500
L22	39.75-34.75	1.2874	1.2288	1.1674	1.3498
L23	34.75-29.75	0.6924	0.9794	0.7689	1.2154
L24	29.75-24.75	0.7007	0.9888	0.7850	1.2362
L25	24.75-22.50	0.7065	0.9953	0.7964	1.2505
L26	22.50-22.25	0.7097	0.9992	0.8009	1.2563

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	<b>Project</b>	Ridgefield CT	<b>Date</b>	12:52:26 09/02/21
	<b>Client</b>	Verizon Wireless	<b>Designed by</b>	L. Mendoza

Section	Elevation	CP <sub>x</sub>	CP <sub>z</sub>	CP <sub>x</sub> Ice	CP <sub>z</sub> Ice
	ft	in	in	in	in
L27	22.25-17.25	0.7137	1.0038	0.8088	1.2660
L28	17.25-12.25	0.7212	1.0123	0.8233	1.2831
L29	12.25-7.25	0.7285	1.0205	0.8369	1.2973
L30	7.25-3.50	0.7347	1.0275	0.8470	1.3048
L31	3.50-3.25	0.7384	1.0319	0.8511	1.3054
L32	3.25-3.00	0.7387	1.0323	0.8514	1.3050
L33	3.00-2.75	0.7380	1.0312	0.8511	1.3035
L34	2.75-0.00	0.7401	1.0336	0.8515	1.2962

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 <sub>a</sub> No Ice	K <sub>a</sub> Ice
L1	1	7/8	125.00 - 130.00	1.0000	1.0000
L1	4	1 1/4" Hybrid	125.00 - 130.00	1.0000	1.0000
L1	23	Safety Climb	125.00 - 130.00	1.0000	1.0000
L2	1	7/8	120.00 - 125.00	1.0000	1.0000
L2	4	1 1/4" Hybrid	120.00 - 125.00	1.0000	1.0000
L2	23	Safety Climb	120.00 - 125.00	1.0000	1.0000
L3	1	7/8	115.00 - 120.00	1.0000	1.0000
L3	4	1 1/4" Hybrid	115.00 - 120.00	1.0000	1.0000
L3	7	1 1/4" Hybrid	115.00 - 116.00	1.0000	1.0000
L3	23	Safety Climb	115.00 - 120.00	1.0000	1.0000
L4	1	7/8	110.00 - 115.00	1.0000	1.0000
L4	4	1 1/4" Hybrid	110.00 - 115.00	1.0000	1.0000
L4	7	1 1/4" Hybrid	110.00 - 115.00	1.0000	1.0000
L4	23	Safety Climb	110.00 - 115.00	1.0000	1.0000
L5	1	7/8	105.00 - 110.00	1.0000	1.0000
L5	4	1 1/4" Hybrid	105.00 - 110.00	1.0000	1.0000
L5	7	1 1/4" Hybrid	105.00 - 110.00	1.0000	1.0000
L5	11	EW63	105.00 - 106.00	1.0000	1.0000
L5	23	Safety Climb	105.00 - 110.00	1.0000	1.0000
L6	1	7/8	100.00 -	1.0000	1.0000

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	<b>Project</b>	Ridgefield CT	<b>Date</b>	12:52:26 09/02/21
	<b>Client</b>	Verizon Wireless	<b>Designed by</b>	L. Mendoza

<i>Tower Section</i>	<i>Feed Line Record No.</i>	<i>Description</i>	<i>Feed Line Segment Elev.</i>	<i>K<sub>a</sub> No Ice</i>	<i>K<sub>a</sub> Ice</i>
L6	4	1 1/4" Hybrid	105.00 - 100.00	1.0000	1.0000
L6	7	1 1/4" Hybrid	105.00 - 100.00	1.0000	1.0000
L6	11	EW63	105.00 - 100.00	1.0000	1.0000
L6	23	Safety Climb	105.00 - 100.00	1.0000	1.0000
L7	1	7/8	95.00 - 100.00	1.0000	1.0000
L7	4	1 1/4" Hybrid	95.00 - 100.00	1.0000	1.0000
L7	7	1 1/4" Hybrid	95.00 - 100.00	1.0000	1.0000
L7	11	EW63	95.00 - 100.00	1.0000	1.0000
L7	14	7/8	95.00 - 99.00	1.0000	1.0000
L7	19	7/8	95.00 - 99.00	1.0000	1.0000
L7	23	Safety Climb	95.00 - 100.00	1.0000	1.0000
L8	1	7/8	89.92 - 95.00	1.0000	1.0000
L8	4	1 1/4" Hybrid	89.92 - 95.00	1.0000	1.0000
L8	7	1 1/4" Hybrid	89.92 - 95.00	1.0000	1.0000
L8	11	EW63	89.92 - 95.00	1.0000	1.0000
L8	14	7/8	89.92 - 95.00	1.0000	1.0000
L8	19	7/8	89.92 - 95.00	1.0000	1.0000
L8	23	Safety Climb	89.92 - 95.00	1.0000	1.0000
L9	1	7/8	89.00 - 89.92	1.0000	1.0000
L9	4	1 1/4" Hybrid	89.00 - 89.92	1.0000	1.0000
L9	7	1 1/4" Hybrid	89.00 - 89.92	1.0000	1.0000
L9	11	EW63	89.00 - 89.92	1.0000	1.0000
L9	14	7/8	89.00 - 89.92	1.0000	1.0000
L9	19	7/8	89.00 - 89.92	1.0000	1.0000
L9	23	Safety Climb	89.00 - 89.92	1.0000	1.0000
L10	1	7/8	84.00 - 89.00	1.0000	1.0000
L10	4	1 1/4" Hybrid	84.00 - 89.00	1.0000	1.0000
L10	7	1 1/4" Hybrid	84.00 - 89.00	1.0000	1.0000
L10	9	EW63	84.00 - 85.00	1.0000	1.0000
L10	10	EW63	85.00 - 87.00	1.0000	1.0000
L10	11	EW63	87.00 - 89.00	1.0000	1.0000
L10	14	7/8	84.00 - 89.00	1.0000	1.0000
L10	18	7/8	84.00 - 85.00	1.0000	1.0000
L10	19	7/8	85.00 - 89.00	1.0000	1.0000
L10	23	Safety Climb	84.00 - 89.00	1.0000	1.0000
L11	1	7/8	79.00 - 84.00	1.0000	1.0000
L11	4	1 1/4" Hybrid	79.00 - 84.00	1.0000	1.0000
L11	7	1 1/4" Hybrid	79.00 - 84.00	1.0000	1.0000
L11	9	EW63	79.00 - 84.00	1.0000	1.0000
L11	14	7/8	79.00 - 84.00	1.0000	1.0000
L11	18	7/8	79.00 - 84.00	1.0000	1.0000
L11	23	Safety Climb	79.00 - 84.00	1.0000	1.0000
L12	1	7/8	74.00 - 79.00	1.0000	1.0000
L12	4	1 1/4" Hybrid	74.00 - 79.00	1.0000	1.0000
L12	7	1 1/4" Hybrid	74.00 - 79.00	1.0000	1.0000
L12	9	EW63	74.00 - 79.00	1.0000	1.0000
L12	14	7/8	74.00 - 79.00	1.0000	1.0000
L12	18	7/8	74.00 - 79.00	1.0000	1.0000
L12	23	Safety Climb	74.00 - 79.00	1.0000	1.0000
L13	1	7/8	69.00 - 74.00	1.0000	1.0000
L13	4	1 1/4" Hybrid	69.00 - 74.00	1.0000	1.0000
L13	7	1 1/4" Hybrid	69.00 - 74.00	1.0000	1.0000
L13	9	EW63	69.00 - 74.00	1.0000	1.0000
L13	14	7/8	69.00 - 74.00	1.0000	1.0000
L13	18	7/8	69.00 - 74.00	1.0000	1.0000
L13	23	Safety Climb	69.00 - 74.00	1.0000	1.0000
L14	1	7/8	64.00 - 69.00	1.0000	1.0000

<b>tnxTower</b>  <b>Infinigy Engineering, LLP</b> 26455 Rancho Parkway S. Lake Forest, CA 92630 Phone: (518) 690-0790 FAX: (518) 690-0790	<b>Job</b>	1126-D0001-B	<b>Page</b>	13 of 38
	<b>Project</b>	Ridgefield CT	<b>Date</b>	12:52:26 09/02/21
	<b>Client</b>	Verizon Wireless	<b>Designed by</b>	L. Mendoza

<i>Tower Section</i>	<i>Feed Line Record No.</i>	<i>Description</i>	<i>Feed Line Segment Elev.</i>	<i>K<sub>a</sub> No Ice</i>	<i>K<sub>a</sub> Ice</i>
L14	4	1 1/4" Hybrid	64.00 - 69.00	1.0000	1.0000
L14	7	1 1/4" Hybrid	64.00 - 69.00	1.0000	1.0000
L14	9	EW63	64.00 - 69.00	1.0000	1.0000
L14	14	7/8	64.00 - 69.00	1.0000	1.0000
L14	18	7/8	64.00 - 69.00	1.0000	1.0000
L14	23	Safety Climb	64.00 - 69.00	1.0000	1.0000
L15	1	7/8	60.00 - 64.00	1.0000	1.0000
L15	4	1 1/4" Hybrid	60.00 - 64.00	1.0000	1.0000
L15	7	1 1/4" Hybrid	60.00 - 64.00	1.0000	1.0000
L15	9	EW63	60.00 - 64.00	1.0000	1.0000
L15	14	7/8	60.00 - 64.00	1.0000	1.0000
L15	18	7/8	60.00 - 64.00	1.0000	1.0000
L15	23	Safety Climb	60.00 - 64.00	1.0000	1.0000
L15	25	Reinf. Plate (5"x1.25")	60.00 - 62.00	1.0000	1.0000
L15	26	Reinf. Plate (5"x1.25")	60.00 - 62.00	1.0000	1.0000
L15	27	Reinf. Plate (5"x1.25")	60.00 - 62.00	1.0000	1.0000
L15	28	Reinf. Plate (5"x1.25")	60.00 - 62.00	1.0000	1.0000
L16	1	7/8	59.75 - 60.00	1.0000	1.0000
L16	4	1 1/4" Hybrid	59.75 - 60.00	1.0000	1.0000
L16	7	1 1/4" Hybrid	59.75 - 60.00	1.0000	1.0000
L16	9	EW63	59.75 - 60.00	1.0000	1.0000
L16	14	7/8	59.75 - 60.00	1.0000	1.0000
L16	18	7/8	59.75 - 60.00	1.0000	1.0000
L16	23	Safety Climb	59.75 - 60.00	1.0000	1.0000
L16	25	Reinf. Plate (5"x1.25")	59.75 - 60.00	1.0000	1.0000
L16	26	Reinf. Plate (5"x1.25")	59.75 - 60.00	1.0000	1.0000
L16	27	Reinf. Plate (5"x1.25")	59.75 - 60.00	1.0000	1.0000
L16	28	Reinf. Plate (5"x1.25")	59.75 - 60.00	1.0000	1.0000
L17	1	7/8	54.75 - 59.75	1.0000	1.0000
L17	4	1 1/4" Hybrid	54.75 - 59.75	1.0000	1.0000
L17	7	1 1/4" Hybrid	54.75 - 59.75	1.0000	1.0000
L17	9	EW63	54.75 - 59.75	1.0000	1.0000
L17	14	7/8	54.75 - 59.75	1.0000	1.0000
L17	16	7/8	54.75 - 57.00	1.0000	1.0000
L17	17	7/8	57.00 - 59.00	1.0000	1.0000
L17	18	7/8	59.00 - 59.75	1.0000	1.0000
L17	23	Safety Climb	54.75 - 59.75	1.0000	1.0000
L17	25	Reinf. Plate (5"x1.25")	54.75 - 59.75	1.0000	1.0000
L17	26	Reinf. Plate (5"x1.25")	54.75 - 59.75	1.0000	1.0000
L17	27	Reinf. Plate (5"x1.25")	54.75 - 59.75	1.0000	1.0000
L17	28	Reinf. Plate (5"x1.25")	54.75 - 59.75	1.0000	1.0000
L18	1	7/8	44.83 - 54.75	1.0000	1.0000
L18	4	1 1/4" Hybrid	44.83 - 54.75	1.0000	1.0000
L18	7	1 1/4" Hybrid	44.83 - 54.75	1.0000	1.0000
L18	9	EW63	44.83 - 54.75	1.0000	1.0000
L18	14	7/8	44.83 - 54.75	1.0000	1.0000
L18	16	7/8	44.83 - 54.75	1.0000	1.0000
L18	23	Safety Climb	44.83 - 54.75	1.0000	1.0000
L18	25	Reinf. Plate (5"x1.25")	44.83 - 54.75	1.0000	1.0000
L18	26	Reinf. Plate (5"x1.25")	44.83 - 54.75	1.0000	1.0000
L18	27	Reinf. Plate (5"x1.25")	44.83 - 54.75	1.0000	1.0000
L18	28	Reinf. Plate (5"x1.25")	44.83 - 54.75	1.0000	1.0000
L19	1	7/8	43.83 - 44.83	1.0000	1.0000
L19	4	1 1/4" Hybrid	43.83 - 44.83	1.0000	1.0000
L19	7	1 1/4" Hybrid	43.83 - 44.83	1.0000	1.0000
L19	9	EW63	43.83 - 44.83	1.0000	1.0000
L19	14	7/8	43.83 - 44.83	1.0000	1.0000
L19	16	7/8	43.83 - 44.83	1.0000	1.0000
L19	23	Safety Climb	43.83 - 44.83	1.0000	1.0000
L19	25	Reinf. Plate (5"x1.25")	43.83 - 44.83	1.0000	1.0000
L19	26	Reinf. Plate (5"x1.25")	43.83 - 44.83	1.0000	1.0000
L19	27	Reinf. Plate (5"x1.25")	43.83 - 44.83	1.0000	1.0000

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	<b>Project</b>	Ridgefield CT	<b>Date</b>	12:52:26 09/02/21
	<b>Client</b>	Verizon Wireless	<b>Designed by</b>	L. Mendoza

<i>Tower Section</i>	<i>Feed Line Record No.</i>	<i>Description</i>	<i>Feed Line Segment Elev.</i>	<i>K<sub>a</sub> No Ice</i>	<i>K<sub>a</sub> Ice</i>
L19	28	Reinf. Plate (5"x1.25")	43.83 - 44.83	1.0000	1.0000
L20	1	7/8	40.00 - 43.83	1.0000	1.0000
L20	4	1 1/4" Hybrid	40.00 - 43.83	1.0000	1.0000
L20	7	1 1/4" Hybrid	40.00 - 43.83	1.0000	1.0000
L20	9	EW63	40.00 - 43.83	1.0000	1.0000
L20	14	7/8	40.00 - 43.83	1.0000	1.0000
L20	16	7/8	40.00 - 43.83	1.0000	1.0000
L20	23	Safety Climb	40.00 - 43.83	1.0000	1.0000
L20	25	Reinf. Plate (5"x1.25")	40.00 - 43.83	1.0000	1.0000
L20	26	Reinf. Plate (5"x1.25")	40.00 - 43.83	1.0000	1.0000
L20	27	Reinf. Plate (5"x1.25")	40.00 - 43.83	1.0000	1.0000
L20	28	Reinf. Plate (5"x1.25")	40.00 - 43.83	1.0000	1.0000
L21	1	7/8	39.75 - 40.00	1.0000	1.0000
L21	4	1 1/4" Hybrid	39.75 - 40.00	1.0000	1.0000
L21	7	1 1/4" Hybrid	39.75 - 40.00	1.0000	1.0000
L21	9	EW63	39.75 - 40.00	1.0000	1.0000
L21	14	7/8	39.75 - 40.00	1.0000	1.0000
L21	16	7/8	39.75 - 40.00	1.0000	1.0000
L21	23	Safety Climb	39.75 - 40.00	1.0000	1.0000
L21	25	Reinf. Plate (5"x1.25")	39.75 - 40.00	1.0000	1.0000
L21	26	Reinf. Plate (5"x1.25")	39.75 - 40.00	1.0000	1.0000
L21	27	Reinf. Plate (5"x1.25")	39.75 - 40.00	1.0000	1.0000
L21	28	Reinf. Plate (5"x1.25")	39.75 - 40.00	1.0000	1.0000
L22	1	7/8	34.75 - 39.75	1.0000	1.0000
L22	4	1 1/4" Hybrid	34.75 - 39.75	1.0000	1.0000
L22	7	1 1/4" Hybrid	34.75 - 39.75	1.0000	1.0000
L22	9	EW63	34.75 - 39.75	1.0000	1.0000
L22	14	7/8	34.75 - 39.75	1.0000	1.0000
L22	16	7/8	34.75 - 39.75	1.0000	1.0000
L22	23	Safety Climb	34.75 - 39.75	1.0000	1.0000
L22	25	Reinf. Plate (5"x1.25")	38.00 - 39.75	1.0000	1.0000
L22	26	Reinf. Plate (5"x1.25")	38.00 - 39.75	1.0000	1.0000
L22	27	Reinf. Plate (5"x1.25")	38.00 - 39.75	1.0000	1.0000
L22	28	Reinf. Plate (5"x1.25")	38.00 - 39.75	1.0000	1.0000
L23	1	7/8	29.75 - 34.75	1.0000	1.0000
L23	4	1 1/4" Hybrid	29.75 - 34.75	1.0000	1.0000
L23	7	1 1/4" Hybrid	29.75 - 34.75	1.0000	1.0000
L23	9	EW63	29.75 - 34.75	1.0000	1.0000
L23	14	7/8	29.75 - 34.75	1.0000	1.0000
L23	16	7/8	29.75 - 34.75	1.0000	1.0000
L23	23	Safety Climb	29.75 - 34.75	1.0000	1.0000
L24	1	7/8	24.75 - 29.75	1.0000	1.0000
L24	4	1 1/4" Hybrid	24.75 - 29.75	1.0000	1.0000
L24	7	1 1/4" Hybrid	24.75 - 29.75	1.0000	1.0000
L24	9	EW63	24.75 - 29.75	1.0000	1.0000
L24	14	7/8	24.75 - 29.75	1.0000	1.0000
L24	16	7/8	24.75 - 29.75	1.0000	1.0000
L24	23	Safety Climb	24.75 - 29.75	1.0000	1.0000
L25	1	7/8	22.50 - 24.75	1.0000	1.0000
L25	4	1 1/4" Hybrid	22.50 - 24.75	1.0000	1.0000
L25	7	1 1/4" Hybrid	22.50 - 24.75	1.0000	1.0000
L25	9	EW63	22.50 - 24.75	1.0000	1.0000
L25	14	7/8	22.50 - 24.75	1.0000	1.0000
L25	16	7/8	22.50 - 24.75	1.0000	1.0000
L25	23	Safety Climb	22.50 - 24.75	1.0000	1.0000
L26	1	7/8	22.25 - 22.50	1.0000	1.0000
L26	4	1 1/4" Hybrid	22.25 - 22.50	1.0000	1.0000
L26	7	1 1/4" Hybrid	22.25 - 22.50	1.0000	1.0000
L26	9	EW63	22.25 - 22.50	1.0000	1.0000
L26	14	7/8	22.25 - 22.50	1.0000	1.0000
L26	16	7/8	22.25 - 22.50	1.0000	1.0000
L26	23	Safety Climb	22.25 - 22.50	1.0000	1.0000

<b><i>tnxTower</i></b>  <b><i>Infinigy Engineering, LLP</i></b> 26455 Rancho Parkway S. Lake Forest, CA 92630 Phone: (518) 690-0790 FAX: (518) 690-0790	<b>Job</b>	1126-D0001-B	<b>Page</b>	15 of 38
	<b>Project</b>	Ridgefield CT	<b>Date</b>	12:52:26 09/02/21
	<b>Client</b>	Verizon Wireless	<b>Designed by</b>	L. Mendoza

<i>Tower Section</i>	<i>Feed Line Record No.</i>	<i>Description</i>	<i>Feed Line Segment Elev.</i>	<i>K<sub>a</sub> No Ice</i>	<i>K<sub>a</sub> Ice</i>
L27	1	7/8	17.25 - 22.25	1.0000	1.0000
L27	4	1 1/4" Hybrid	17.25 - 22.25	1.0000	1.0000
L27	7	1 1/4" Hybrid	17.25 - 22.25	1.0000	1.0000
L27	9	EW63	17.25 - 22.25	1.0000	1.0000
L27	14	7/8	17.25 - 22.25	1.0000	1.0000
L27	16	7/8	17.25 - 22.25	1.0000	1.0000
L27	23	Safety Climb	17.25 - 22.25	1.0000	1.0000
L28	1	7/8	12.25 - 17.25	1.0000	1.0000
L28	4	1 1/4" Hybrid	12.25 - 17.25	1.0000	1.0000
L28	7	1 1/4" Hybrid	12.25 - 17.25	1.0000	1.0000
L28	9	EW63	12.25 - 17.25	1.0000	1.0000
L28	14	7/8	12.25 - 17.25	1.0000	1.0000
L28	16	7/8	12.25 - 17.25	1.0000	1.0000
L28	23	Safety Climb	12.25 - 17.25	1.0000	1.0000
L29	1	7/8	7.25 - 12.25	1.0000	1.0000
L29	4	1 1/4" Hybrid	7.25 - 12.25	1.0000	1.0000
L29	7	1 1/4" Hybrid	7.25 - 12.25	1.0000	1.0000
L29	9	EW63	7.25 - 12.25	1.0000	1.0000
L29	14	7/8	7.25 - 12.25	1.0000	1.0000
L29	16	7/8	7.25 - 12.25	1.0000	1.0000
L29	23	Safety Climb	7.25 - 12.25	1.0000	1.0000
L30	1	7/8	3.50 - 7.25	1.0000	1.0000
L30	4	1 1/4" Hybrid	3.50 - 7.25	1.0000	1.0000
L30	7	1 1/4" Hybrid	3.50 - 7.25	1.0000	1.0000
L30	9	EW63	3.50 - 7.25	1.0000	1.0000
L30	14	7/8	3.50 - 7.25	1.0000	1.0000
L30	16	7/8	3.50 - 7.25	1.0000	1.0000
L30	23	Safety Climb	3.50 - 7.25	1.0000	1.0000
L31	1	7/8	3.25 - 3.50	1.0000	1.0000
L31	4	1 1/4" Hybrid	3.25 - 3.50	1.0000	1.0000
L31	7	1 1/4" Hybrid	3.25 - 3.50	1.0000	1.0000
L31	9	EW63	3.25 - 3.50	1.0000	1.0000
L31	14	7/8	3.25 - 3.50	1.0000	1.0000
L31	16	7/8	3.25 - 3.50	1.0000	1.0000
L31	23	Safety Climb	3.25 - 3.50	1.0000	1.0000
L32	1	7/8	3.00 - 3.25	1.0000	1.0000
L32	4	1 1/4" Hybrid	3.00 - 3.25	1.0000	1.0000
L32	7	1 1/4" Hybrid	3.00 - 3.25	1.0000	1.0000
L32	9	EW63	3.00 - 3.25	1.0000	1.0000
L32	14	7/8	3.00 - 3.25	1.0000	1.0000
L32	16	7/8	3.00 - 3.25	1.0000	1.0000
L32	23	Safety Climb	3.00 - 3.25	1.0000	1.0000
L33	1	7/8	2.75 - 3.00	1.0000	1.0000
L33	4	1 1/4" Hybrid	2.75 - 3.00	1.0000	1.0000
L33	7	1 1/4" Hybrid	2.75 - 3.00	1.0000	1.0000
L33	9	EW63	2.75 - 3.00	1.0000	1.0000
L33	14	7/8	2.75 - 3.00	1.0000	1.0000
L33	16	7/8	2.75 - 3.00	1.0000	1.0000
L33	23	Safety Climb	2.75 - 3.00	1.0000	1.0000
L34	1	7/8	0.00 - 2.75	1.0000	1.0000
L34	4	1 1/4" Hybrid	0.00 - 2.75	1.0000	1.0000
L34	7	1 1/4" Hybrid	0.00 - 2.75	1.0000	1.0000
L34	9	EW63	0.00 - 2.75	1.0000	1.0000
L34	14	7/8	0.00 - 2.75	1.0000	1.0000
L34	16	7/8	0.00 - 2.75	1.0000	1.0000
L34	23	Safety Climb	0.00 - 2.75	1.0000	1.0000

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	<b>Project</b>	Ridgefield CT	<b>Date</b>	12:52:26 09/02/21
	<b>Client</b>	Verizon Wireless	<b>Designed by</b>	L. Mendoza

## Discrete Tower Loads

<i>Description</i>	<i>Face or Leg</i>	<i>Offset Type</i>	<i>Offsets: Horz Lateral Vert ft ft ft</i>	<i>Azimuth Adjustment °</i>	<i>Placement ft</i>		<i>C<sub>A</sub>A<sub>A</sub> Front ft<sup>2</sup></i>	<i>C<sub>A</sub>A<sub>A</sub> Side ft<sup>2</sup></i>	<i>Weight lb</i>
PD440-140	B	From Leg	0.00 0.00 5.00	0.000	130.00	No Ice 1/2" Ice 1" Ice	2.66 4.44 6.22	2.66 4.44 6.22	20.00 33.00 46.00
****									
APXVSPP18-C-A20_TIA w/ Mount Pipe	A	From Leg	3.00 0.00 0.00	0.000	116.00	No Ice 1/2" Ice 1" Ice	8.26 8.82 9.35	7.47 8.66 9.56	95.05 165.53 244.04
APXVSPP18-C-A20_TIA w/ Mount Pipe	B	From Leg	3.00 0.00 0.00	0.000	116.00	No Ice 1/2" Ice 1" Ice	8.26 8.82 9.35	7.47 8.66 9.56	95.05 165.53 244.04
APXVSPP18-C-A20_TIA w/ Mount Pipe	C	From Leg	3.00 0.00 0.00	0.000	116.00	No Ice 1/2" Ice 1" Ice	8.26 8.82 9.35	7.47 8.66 9.56	95.05 165.53 244.04
APXVTM14-ALU-I20_TIA w/ Mount Pipe	A	From Leg	3.00 0.00 0.00	0.000	116.00	No Ice 1/2" Ice 1" Ice	6.58 7.03 7.47	4.96 5.75 6.47	76.99 131.60 192.90
APXVTM14-ALU-I20_TIA w/ Mount Pipe	B	From Leg	3.00 0.00 0.00	0.000	116.00	No Ice 1/2" Ice 1" Ice	6.58 7.03 7.47	4.96 5.75 6.47	76.99 131.60 192.90
APXVTM14-ALU-I20_TIA w/ Mount Pipe	C	From Leg	3.00 0.00 0.00	0.000	116.00	No Ice 1/2" Ice 1" Ice	6.58 7.03 7.47	4.96 5.75 6.47	76.99 131.60 192.90
800 MHZ RADIO FILTER	A	From Leg	3.00 0.00 0.00	0.000	116.00	No Ice 1/2" Ice 1" Ice	0.17 0.23 0.29	0.41 0.50 0.60	10.00 14.60 20.69
800 MHZ RADIO FILTER	B	From Leg	3.00 0.00 0.00	0.000	116.00	No Ice 1/2" Ice 1" Ice	0.17 0.23 0.29	0.41 0.50 0.60	10.00 14.60 20.69
800 MHZ RADIO FILTER	C	From Leg	3.00 0.00 0.00	0.000	116.00	No Ice 1/2" Ice 1" Ice	0.17 0.23 0.29	0.41 0.50 0.60	10.00 14.60 20.69
1900 MHZ G	A	From Leg	3.00 0.00 0.00	0.000	116.00	No Ice 1/2" Ice 1" Ice	0.23 0.30 0.37	0.43 0.53 0.64	17.86 24.21 32.31
1900 MHZ G	B	From Leg	3.00 0.00 0.00	0.000	116.00	No Ice 1/2" Ice 1" Ice	0.23 0.30 0.37	0.43 0.53 0.64	17.86 24.21 32.31
1900 MHZ G	C	From Leg	3.00 0.00 0.00	0.000	116.00	No Ice 1/2" Ice 1" Ice	0.23 0.30 0.37	0.43 0.53 0.64	17.86 24.21 32.31
TD-RRH8x20	A	From Leg	3.00 0.00 0.00	0.000	116.00	No Ice 1/2" Ice 1" Ice	3.69 3.93 4.18	1.29 1.46 1.64	66.10 89.96 117.16
TD-RRH8x20	B	From Leg	3.00 0.00 0.00	0.000	116.00	No Ice 1/2" Ice 1" Ice	3.69 3.93 4.18	1.29 1.46 1.64	66.10 89.96 117.16
TD-RRH8x20	C	From Leg	3.00 0.00 0.00	0.000	116.00	No Ice 1/2" Ice 1" Ice	3.69 3.93 4.18	1.29 1.46 1.64	66.10 89.96 117.16
Platform Mount [LP 303-1]	C	None		0.000	116.00	No Ice 1/2" Ice 1" Ice	14.69 18.01 21.33	14.69 18.01 21.33	1250.00 1568.94 1887.88

<b><i>tnxTower</i></b>  <b><i>Infinigy Engineering, LLP</i></b> 26455 Rancho Parkway S. Lake Forest, CA 92630 Phone: (518) 690-0790 FAX: (518) 690-0790	<b>Job</b>	1126-D0001-B	<b>Page</b>	17 of 38
	<b>Project</b>	Ridgefield CT	<b>Date</b>	12:52:26 09/02/21
	<b>Client</b>	Verizon Wireless	<b>Designed by</b>	L. Mendoza

<i>Description</i>	<i>Face or Leg</i>	<i>Offset Type</i>	<i>Offsets: Horz Lateral Vert ft ft ft</i>	<i>Azimuth Adjustment °</i>	<i>Placement ft</i>		<i>C<sub>AA</sub> Front ft<sup>2</sup></i>	<i>C<sub>AA</sub> Side ft<sup>2</sup></i>	<i>Weight lb</i>
****									
BA4040-41-DIN	B	From Leg	3.00 0.00 4.00	0.000	99.00	No Ice 1/2" Ice 1" Ice	6.20 8.30 10.42	6.20 8.30 10.42	68.34 112.93 170.61
BA4040-41-DIN	C	From Leg	3.00 0.00 4.00	0.000	99.00	No Ice 1/2" Ice 1" Ice	6.20 8.30 10.42	6.20 8.30 10.42	68.34 112.93 170.61
AIR 21 B2A/B4P w/ Mount Pipe	A	From Leg	3.00 0.00 0.00	0.000	99.00	No Ice 1/2" Ice 1" Ice	6.74 7.45 8.11	6.12 7.29 8.31	112.20 174.30 243.53
AIR 21 B2A/B4P w/ Mount Pipe	B	From Leg	3.00 0.00 0.00	0.000	99.00	No Ice 1/2" Ice 1" Ice	6.74 7.45 8.11	6.12 7.29 8.31	112.20 174.30 243.53
AIR 21 B2A/B4P w/ Mount Pipe	C	From Leg	3.00 0.00 0.00	0.000	99.00	No Ice 1/2" Ice 1" Ice	6.74 7.45 8.11	6.12 7.29 8.31	112.20 174.30 243.53
AIR 21 B4A/B2P w/ Mount Pipe	A	From Leg	3.00 0.00 0.00	0.000	99.00	No Ice 1/2" Ice 1" Ice	6.16 6.60 7.03	5.55 6.30 7.00	103.38 159.18 221.63
AIR 21 B4A/B2P w/ Mount Pipe	B	From Leg	3.00 0.00 0.00	0.000	99.00	No Ice 1/2" Ice 1" Ice	6.16 6.60 7.03	5.55 6.30 7.00	103.38 159.18 221.63
AIR 21 B4A/B2P w/ Mount Pipe	C	From Leg	3.00 0.00 0.00	0.000	99.00	No Ice 1/2" Ice 1" Ice	6.16 6.60 7.03	5.55 6.30 7.00	103.38 159.18 221.63
KRY 112 144/1	A	From Leg	3.00 0.00 0.00	0.000	99.00	No Ice 1/2" Ice 1" Ice	0.35 0.43 0.51	0.17 0.23 0.30	11.00 14.18 18.58
KRY 112 144/1	B	From Leg	3.00 0.00 0.00	0.000	99.00	No Ice 1/2" Ice 1" Ice	0.35 0.43 0.51	0.17 0.23 0.30	11.00 14.18 18.58
KRY 112 144/1	C	From Leg	3.00 0.00 0.00	0.000	99.00	No Ice 1/2" Ice 1" Ice	0.35 0.43 0.51	0.17 0.23 0.30	11.00 14.18 18.58
LNx-6515DS-VTM_TIA w/ Mount Pipe	A	From Leg	3.00 0.00 0.00	0.000	99.00	No Ice 1/2" Ice 1" Ice	11.71 12.43 13.17	9.87 11.39 12.94	83.33 173.16 272.98
LNx-6515DS-VTM_TIA w/ Mount Pipe	B	From Leg	3.00 0.00 0.00	0.000	99.00	No Ice 1/2" Ice 1" Ice	11.71 12.43 13.17	9.87 11.39 12.94	83.33 173.16 272.98
LNx-6515DS-VTM_TIA w/ Mount Pipe	C	From Leg	3.00 0.00 0.00	0.000	99.00	No Ice 1/2" Ice 1" Ice	11.71 12.43 13.17	9.87 11.39 12.94	83.33 173.16 272.98
RRUS 11	A	From Leg	3.00 0.00 0.00	0.000	99.00	No Ice 1/2" Ice 1" Ice	2.79 3.00 3.21	1.19 1.34 1.50	50.70 71.57 95.48
RRUS 11	B	From Leg	3.00 0.00 0.00	0.000	99.00	No Ice 1/2" Ice 1" Ice	2.79 3.00 3.21	1.19 1.34 1.50	50.70 71.57 95.48
RRUS 11	C	From Leg	3.00 0.00 0.00	0.000	99.00	No Ice 1/2" Ice 1" Ice	2.79 3.00 3.21	1.19 1.34 1.50	50.70 71.57 95.48
Platform Mount [LP 602-1]	C	None		0.000	99.00	No Ice 1/2" Ice 1" Ice	31.07 34.82 38.57	31.07 34.82 38.57	1343.30 1966.86 2590.42
****									
10' x 2" Omni	A	From Leg	3.00	0.000	85.00	No Ice	2.00	2.00	10.00



<b><i>tnxTower</i></b>  <b><i>Infinigy Engineering, LLP</i></b> 26455 Rancho Parkway S. Lake Forest, CA 92630 Phone: (518) 690-0790 FAX: (518) 690-0790	<b>Job</b>	1126-D0001-B	<b>Page</b>	18 of 38
	<b>Project</b>	Ridgefield CT	<b>Date</b>	12:52:26 09/02/21
	<b>Client</b>	Verizon Wireless	<b>Designed by</b>	L. Mendoza

<i>Description</i>	<i>Face or Leg</i>	<i>Offset Type</i>	<i>Offsets: Horz Lateral Vert ft ft ft</i>	<i>Azimuth Adjustment °</i>	<i>Placement ft</i>	<i>C<sub>AA</sub> Front ft<sup>2</sup></i>	<i>C<sub>AA</sub> Side ft<sup>2</sup></i>	<i>Weight lb</i>
18" Dipole	A	From Leg	0.00	0.000	86.00	1/2" Ice	3.03	25.00
			5.00			1" Ice	4.06	40.00
			3.00			No Ice	0.17	15.00
			0.00			1/2" Ice	0.27	16.99
			0.00			1" Ice	0.38	20.21
Side Arm Mount [SO 701-1]	A	From Leg	1.50	0.000	86.00	No Ice	0.85	65.00
			0.00			1/2" Ice	1.14	79.00
			0.00			1" Ice	1.43	93.00
****								
2' Omni	B	From Leg	3.00	0.000	57.00	No Ice	0.30	10.00
			0.00			1/2" Ice	0.43	13.28
			3.00			1" Ice	0.57	18.14
3' Yagi	A	From Leg	3.00	0.000	59.00	No Ice	2.08	30.95
			0.00			1/2" Ice	3.79	52.87
			4.00			1" Ice	5.52	85.27
Side Arm Mount [SO 701-1]	B	From Leg	1.50	0.000	57.00	No Ice	0.85	65.00
			0.00			1/2" Ice	1.14	79.00
			0.00			1" Ice	1.43	93.00
Side Arm Mount [SO 701-1]	A	From Leg	1.50	0.000	59.00	No Ice	0.85	65.00
			0.00			1/2" Ice	1.14	79.00
			0.00			1" Ice	1.43	93.00
GPS	A	From Leg	0.00	0.000	50.00	No Ice	0.42	10.00
			0.00			1/2" Ice	0.57	15.96
			0.00			1" Ice	0.69	23.49
****								
BXA-80080-4CF w/ Mount Pipe	A	From Leg	3.00	0.000	128.00	No Ice	5.03	32.55
			-6.00			1/2" Ice	5.42	76.83
			0.00			1" Ice	5.81	127.02
BXA-80080-4CF w/ Mount Pipe	B	From Leg	3.00	0.000	128.00	No Ice	5.03	32.55
			-6.00			1/2" Ice	5.42	76.83
			0.00			1" Ice	5.81	127.02
BXA-80080-4CF w/ Mount Pipe	C	From Leg	3.00	0.000	128.00	No Ice	5.03	32.55
			-6.00			1/2" Ice	5.42	76.83
			0.00			1" Ice	5.81	127.02
(2) JAHH-65B-R3B_TIA w/ Mount Pipe	A	From Leg	3.00	0.000	128.00	No Ice	9.35	88.85
			6.00			1/2" Ice	9.92	165.42
			0.00			1" Ice	10.46	250.16
(2) JAHH-65B-R3B_TIA w/ Mount Pipe	B	From Leg	3.00	0.000	128.00	No Ice	9.35	88.85
			6.00			1/2" Ice	9.92	165.42
			0.00			1" Ice	10.46	250.16
(2) JAHH-65B-R3B_TIA w/ Mount Pipe	C	From Leg	3.00	0.000	128.00	No Ice	9.35	88.85
			6.00			1/2" Ice	9.92	165.42
			0.00			1" Ice	10.46	250.16
VZS01 w/ Mount Pipe	A	From Leg	3.00	0.000	128.00	No Ice	5.43	109.00
			-6.00			1/2" Ice	5.97	154.17
			0.00			1" Ice	6.46	204.90
VZS01 w/ Mount Pipe	B	From Leg	3.00	0.000	128.00	No Ice	5.43	109.00
			-6.00			1/2" Ice	5.97	154.17
			0.00			1" Ice	6.46	204.90
VZS01 w/ Mount Pipe	C	From Leg	3.00	0.000	128.00	No Ice	5.43	109.00
			-6.00			1/2" Ice	5.97	154.17
			0.00			1" Ice	6.46	204.90
CBC78T-DS-43-2X	A	From Leg	3.00	0.000	128.00	No Ice	0.37	20.70
			0.00			1/2" Ice	0.45	27.04
			0.00			1" Ice	0.53	35.07
CBC78T-DS-43-2X	B	From Leg	3.00	0.000	128.00	No Ice	0.37	20.70
			0.00			1/2" Ice	0.45	27.04

<b><i>tnxTower</i></b>  <b><i>Infinigy Engineering, LLP</i></b> 26455 Rancho Parkway S. Lake Forest, CA 92630 Phone: (518) 690-0790 FAX: (518) 690-0790	<b>Job</b>	1126-D0001-B	<b>Page</b>	19 of 38
	<b>Project</b>	Ridgefield CT	<b>Date</b>	12:52:26 09/02/21
	<b>Client</b>	Verizon Wireless	<b>Designed by</b>	L. Mendoza

<i>Description</i>	<i>Face or Leg</i>	<i>Offset Type</i>	<i>Offsets: Horz Lateral Vert ft ft ft</i>	<i>Azimuth Adjustment °</i>	<i>Placement ft</i>	<i>C<sub>AA</sub> Front ft<sup>2</sup></i>	<i>C<sub>AA</sub> Side ft<sup>2</sup></i>	<i>Weight lb</i>
CBC78T-DS-43-2X	C	From Leg	0.00 3.00 0.00 0.00	0.000	128.00	1" Ice 0.53 No Ice 0.37 1/2" Ice 0.45 1" Ice 0.53	0.70 0.51 0.60 0.70	35.07 20.70 27.04 35.07
CBRS RT4401-48A	A	From Leg	3.00 -6.00 0.00	0.000	128.00	No Ice 0.99 1/2" Ice 1.12 1" Ice 1.26	0.50 0.60 0.70	18.64 26.41 36.10
CBRS RT4401-48A	B	From Leg	3.00 -6.00 0.00	0.000	128.00	No Ice 0.99 1/2" Ice 1.12 1" Ice 1.26	0.50 0.60 0.70	18.64 26.41 36.10
CBRS RT4401-48A	C	From Leg	3.00 -6.00 0.00	0.000	128.00	No Ice 0.99 1/2" Ice 1.12 1" Ice 1.26	0.50 0.60 0.70	18.64 26.41 36.10
RADIO 8843 B2/B66A	A	From Leg	3.00 0.00 0.00	0.000	128.00	No Ice 1.64 1/2" Ice 1.80 1" Ice 1.97	1.38 1.53 1.69	75.00 92.83 113.39
RADIO 8843 B2/B66A	B	From Leg	3.00 0.00 0.00	0.000	128.00	No Ice 1.64 1/2" Ice 1.80 1" Ice 1.97	1.38 1.53 1.69	75.00 92.83 113.39
RADIO 8843 B2/B66A	C	From Leg	3.00 0.00 0.00	0.000	128.00	No Ice 1.64 1/2" Ice 1.80 1" Ice 1.97	1.38 1.53 1.69	75.00 92.83 113.39
RADIO 4449 B13/B5	A	From Leg	3.00 0.00 0.00	0.000	128.00	No Ice 1.98 1/2" Ice 2.16 1" Ice 2.34	1.71 1.88 2.05	75.00 95.64 119.23
RADIO 4449 B13/B5	B	From Leg	3.00 0.00 0.00	0.000	128.00	No Ice 1.98 1/2" Ice 2.16 1" Ice 2.34	1.71 1.88 2.05	75.00 95.64 119.23
RADIO 4449 B13/B5	C	From Leg	3.00 0.00 0.00	0.000	128.00	No Ice 1.98 1/2" Ice 2.16 1" Ice 2.34	1.71 1.88 2.05	75.00 95.64 119.23
Samsung XXDWMM-12.5-65-8T-CBR S	A	From Leg	3.00 -6.00 0.00	0.000	128.00	No Ice 0.89 1/2" Ice 1.01 1" Ice 1.14	0.12 0.17 0.24	4.40 9.58 16.40
Samsung XXDWMM-12.5-65-8T-CBR S	B	From Leg	3.00 -6.00 0.00	0.000	128.00	No Ice 0.89 1/2" Ice 1.01 1" Ice 1.14	0.12 0.17 0.24	4.40 9.58 16.40
Samsung XXDWMM-12.5-65-8T-CBR S	C	From Leg	3.00 -6.00 0.00	0.000	128.00	No Ice 0.89 1/2" Ice 1.01 1" Ice 1.14	0.12 0.17 0.24	4.40 9.58 16.40
Platform Mount [LP 715-1]	C	None		0.000	128.00	No Ice 46.77 1/2" Ice 50.25 1" Ice 53.73	46.77 50.25 53.73	1775.00 2884.30 3993.60
Kicker Reinforcement	C	None		0.000	124.00	No Ice 7.00 1/2" Ice 9.45 1" Ice 11.90	7.00 9.45 11.90	517.00 698.00 879.00
****								
Pipe Mount [PM 601-1]	B	From Leg	0.50 0.00 0.00	0.000	106.00	No Ice 3.00 1/2" Ice 3.74 1" Ice 4.48	0.90 1.12 1.34	65.00 79.14 93.27
Pipe Mount [PM 601-1]	C	From Leg	0.50 0.00 0.00	0.000	87.00	No Ice 3.00 1/2" Ice 3.74 1" Ice 4.48	0.90 1.12 1.34	65.00 79.14 93.27
Pipe Mount [PM 601-1]	B	From Leg	0.50 0.00 0.00	0.000	85.00	No Ice 3.00 1/2" Ice 3.74 1" Ice 4.48	0.90 1.12 1.34	65.00 79.14 93.27
****								

<b>tnxTower</b>  <b>Infinigy Engineering, LLP</b> 26455 Rancho Parkway S. Lake Forest, CA 92630 Phone: (518) 690-0790 FAX: (518) 690-0790	Job	1126-D0001-B	Page	20 of 38
	Project	Ridgefield CT	Date	12:52:26 09/02/21
	Client	Verizon Wireless	Designed by	L. Mendoza

## Dishes

Description	Face or Leg	Dish Type	Offset Type	Offsets: Horz Lateral Vert ft	Azimuth Adjustment °	3 dB Beam Width °	Elevation ft	Outside Diameter ft	Aperture Area ft <sup>2</sup>	Weight lb
VHLP3-11W-6WH/A	B	Paraboloid w/Shroud (HP)	From Leg	1.00 0.00 0.00	-20.070		106.00	3.27	No Ice 8.42 1/2" Ice 8.86 1" Ice 9.29	37.00 80.00 130.00
VHLP3-11W-6WH/A	C	Paraboloid w/Shroud (HP)	From Leg	1.00 0.00 0.00	9.340		87.00	3.27	No Ice 8.42 1/2" Ice 8.86 1" Ice 9.29	37.00 80.00 130.00
VHLP3-11W-6WH/A	B	Paraboloid w/Shroud (HP)	From Leg	1.00 0.00 0.00	-84.430		85.00	3.27	No Ice 8.42 1/2" Ice 8.86 1" Ice 9.29	37.00 80.00 130.00

## Force Totals

Load Case	Vertical Forces lb	Sum of Forces X lb	Sum of Forces Z lb	Sum of Overturning Moments, M <sub>x</sub> lb-ft	Sum of Overturning Moments, M <sub>z</sub> lb-ft	Sum of Torques lb-ft
Leg Weight19239.48						
Bracing Weight0.00						
Total Member Self-Weight19239.48				-221.49	-176.08	
Total Weight31400.01				-221.49	-176.08	
Wind 0 deg - No Ice		140.42	-21747.07	-1786367.01	-10731.41	1163.51
Wind 30 deg - No Ice		11426.36	-19284.01	-1590388.58	-945159.09	1740.28
Wind 60 deg - No Ice		18220.71	-10366.15	-882149.36	-1555947.05	1300.26
Wind 90 deg - No Ice		18211.08	-125.88	-9906.99	-1630424.86	705.52
Wind 120 deg - No Ice		15669.19	8723.66	781961.13	-1404754.07	209.46
Wind 150 deg - No Ice		10428.11	17897.13	1485092.71	-869278.52	-313.45
Wind 180 deg - No Ice		-110.75	21806.92	1791174.45	7443.25	-1111.21
Wind 210 deg - No Ice		-11446.15	19283.75	1589468.68	947027.63	-1676.03
Wind 240 deg - No Ice		-18262.78	10391.84	883906.23	1560230.67	-1399.88
Wind 270 deg - No Ice		-18237.12	146.28	10930.46	1633506.61	-941.45
Wind 300 deg - No Ice		-15666.45	-8787.14	-788227.55	1405452.46	-349.43
Wind 330 deg - No Ice		-10537.27	-17877.11	-1483987.55	879398.08	122.78
Member Ice	9989.82					
Total Weight Ice	73609.04			-1420.87	795.82	
Wind 0 deg - Ice		35.98	-8520.90	-681319.35	-1693.41	546.71
Wind 30 deg - Ice		4439.31	-7527.41	-605058.41	-356111.50	722.04
Wind 60 deg - Ice		6679.69	-3798.52	-327551.90	-574385.06	459.33
Wind 90 deg - Ice		6134.15	-32.07	-3676.56	-560691.57	77.32
Wind 120 deg - Ice		5322.04	2971.19	271078.27	-486592.10	-81.45
Wind 150 deg - Ice		3714.94	6361.32	526247.51	-308522.42	-223.22
Wind 180 deg - Ice		-27.94	8537.09	679898.10	2489.33	-532.58
Wind 210 deg - Ice		-4444.68	7527.32	602085.72	358306.08	-704.59
Wind 240 deg - Ice		-6691.11	3805.46	325305.12	577235.01	-486.22
Wind 270 deg - Ice		-6141.24	37.57	1230.19	563217.25	-141.12
Wind 300 deg - Ice		-5321.36	-2988.37	-275496.59	488473.56	43.51
Wind 330 deg - Ice		-3744.51	-6355.91	-528671.30	312950.99	171.53
Total Weight31400.01				-221.49	-176.08	

<b><i>tnxTower</i></b>  <b><i>Infinigy Engineering, LLP</i></b> 26455 Rancho Parkway S. Lake Forest, CA 92630 Phone: (518) 690-0790 FAX: (518) 690-0790	<b>Job</b>	1126-D0001-B	<b>Page</b>	21 of 38
	<b>Project</b>	Ridgefield CT	<b>Date</b>	12:52:26 09/02/21
	<b>Client</b>	Verizon Wireless	<b>Designed by</b>	L. Mendoza

<i>Load Case</i>	<i>Vertical Forces</i>	<i>Sum of Forces X</i>	<i>Sum of Forces Z</i>	<i>Sum of Overturning Moments, M<sub>x</sub></i>	<i>Sum of Overturning Moments, M<sub>z</sub></i>	<i>Sum of Torques</i>
	<i>lb</i>	<i>lb</i>	<i>lb</i>	<i>lb-ft</i>	<i>lb-ft</i>	<i>lb-ft</i>
Wind 0 deg - Service		41.80	-6473.77	-531656.90	-3491.69	346.36
Wind 30 deg - Service		3401.45	-5740.55	-473317.12	-281656.51	518.06
Wind 60 deg - Service		5424.03	-3085.84	-262485.14	-463478.74	387.07
Wind 90 deg - Service		5421.16	-37.47	-2831.93	-485649.65	210.02
Wind 120 deg - Service		4664.48	2596.90	232895.09	-418470.90	62.35
Wind 150 deg - Service		3104.29	5327.70	442206.60	-259068.03	-93.31
Wind 180 deg - Service		-32.97	6491.59	533322.45	1918.63	-330.79
Wind 210 deg - Service		-3407.34	5740.48	473277.73	281618.52	-498.93
Wind 240 deg - Service		-5436.55	3093.49	263242.58	464159.68	-416.72
Wind 270 deg - Service		-5428.91	43.54	3371.05	485972.81	-280.25
Wind 300 deg - Service		-4663.66	-2615.80	-234526.06	418084.58	-104.02
Wind 330 deg - Service		-3136.78	-5321.74	-441643.16	261486.24	36.55

## Load Combinations

<i>Comb. No.</i>	<i>Description</i>
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

<b><i>tnxTower</i></b>  <b><i>Infinigy Engineering, LLP</i></b> 26455 Rancho Parkway S. Lake Forest, CA 92630 Phone: (518) 690-0790 FAX: (518) 690-0790	<b>Job</b>	1126-D0001-B	<b>Page</b>	22 of 38
	<b>Project</b>	Ridgefield CT	<b>Date</b>	12:52:26 09/02/21
	<b>Client</b>	Verizon Wireless	<b>Designed by</b>	L. Mendoza

<i>Comb. No.</i>	<i>Description</i>
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
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

<i>Section No.</i>	<i>Elevation ft</i>	<i>Component Type</i>	<i>Condition</i>	<i>Gov. Load Comb.</i>	<i>Axial lb</i>	<i>Major Axis Moment lb-ft</i>	<i>Minor Axis Moment lb-ft</i>
L1	130 - 125	Pole	Max Tension	45	0.00	0.05	0.00
			Max. Compression	26	-14326.93	-328.64	-167.73
			Max. Mx	8	-3388.53	-22874.69	-0.96
			Max. My	14	-3363.37	-14.02	-22892.60
			Max. Vy	20	-7375.63	22834.76	-8.90
			Max. Vx	14	7386.36	-14.02	-22892.60
			Max. Torque	16			92.12
L2	125 - 120	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-16434.16	-365.02	-179.96
			Max. Mx	8	-4239.50	-62416.85	0.13
			Max. My	14	-4211.56	-26.42	-62491.63
			Max. Vy	20	-8194.40	62366.68	-22.72
			Max. Vx	14	8207.81	-26.42	-62491.63
			Max. Torque	16			92.12
L3	120 - 115	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-23569.77	-402.63	-209.49
			Max. Mx	8	-6668.97	-107315.75	-1.91
			Max. My	14	-6629.77	-39.59	-107464.30
			Max. Vy	20	-11511.12	107255.57	-42.31
			Max. Vx	14	11532.18	-39.59	-107464.30
			Max. Torque	16			92.07
L4	115 - 110	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-24422.03	-443.14	-309.23
			Max. Mx	8	-7029.89	-165991.72	-17.93
			Max. My	14	-6993.91	-54.41	-166165.72
			Max. Vy	20	-11968.02	165923.22	-82.44
			Max. Vx	14	11951.36	-54.41	-166165.72
			Max. Torque	16			91.97
L5	110 - 105	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-25648.70	-968.01	-691.52
			Max. Mx	8	-7489.41	-227631.08	-159.92
			Max. My	14	-7474.83	-308.00	-227406.87
			Max. Vy	20	-13043.78	227322.47	-86.69
			Max. Vx	14	12711.55	-308.00	-227406.87
			Max. Torque	4			-820.22
L6	105 - 100	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-26606.13	-960.34	-769.10
			Max. Mx	20	-7906.51	293646.93	322.70
			Max. My	14	-7904.65	-987.76	-292044.43
			Max. Vy	20	-13500.95	293646.93	322.70
			Max. Vx	14	13150.52	-987.76	-292044.43
			Max. Torque	4			-819.98

<b><i>tnxTower</i></b>  <b><i>Infinigy Engineering, LLP</i></b> 26455 Rancho Parkway S. Lake Forest, CA 92630 Phone: (518) 690-0790 FAX: (518) 690-0790	<b>Job</b>	1126-D0001-B	<b>Page</b>	23 of 38
	<b>Project</b>	Ridgefield CT	<b>Date</b>	12:52:26 09/02/21
	<b>Client</b>	Verizon Wireless	<b>Designed by</b>	L. Mendoza

Section No.	Elevation ft	Component Type	Condition	Gov. Load Comb.	Axial lb	Major Axis Moment lb-ft	Minor Axis Moment lb-ft
L7	100 - 95	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-37582.02	-892.65	-2206.84
			Max. Mx	20	-11032.95	383851.42	510.45
			Max. My	14	-10987.33	-1649.98	-381411.16
			Max. Vy	20	-18891.09	383851.42	510.45
			Max. Vx	14	18777.97	-1649.98	-381411.16
			Max. Torque	6			-1491.45
L8	95 - 89.92	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-37827.11	-875.36	-2201.36
			Max. Mx	20	-11152.64	402779.94	594.75
			Max. My	14	-11101.22	-1781.32	-400248.32
			Max. Vy	20	-18977.76	402779.94	594.75
			Max. Vx	14	18916.00	-1781.32	-400248.32
			Max. Torque	6			-1498.06
L9	89.92 - 89	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-39768.50	-787.08	-2168.65
			Max. Mx	20	-12115.83	498968.97	1014.24
			Max. My	14	-12036.91	-2437.32	-496765.99
			Max. Vy	20	-19497.68	498968.97	1014.24
			Max. Vx	14	19699.39	-2437.32	-496765.99
			Max. Torque	6			-1532.69
L10	89 - 84	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-42093.60	-688.00	-1931.58
			Max. Mx	20	-13131.11	600089.50	1055.80
			Max. My	14	-13035.25	-2437.91	-598999.21
			Max. Vy	20	-21035.02	600089.50	1055.80
			Max. Vx	14	21381.81	-2437.91	-598999.21
			Max. Torque	18			2080.83
L11	84 - 79	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-43579.98	-581.36	-1843.94
			Max. Mx	20	-13937.56	706357.66	-66.99
			Max. My	14	-13815.13	-1603.31	-707802.79
			Max. Vy	20	-21486.73	706357.66	-66.99
			Max. Vx	14	22167.69	-1603.31	-707802.79
			Max. Torque	18			2108.79
L12	79 - 74	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-45096.68	-471.81	-1753.77
			Max. Mx	20	-14777.37	814878.17	-1188.19
			Max. My	14	-14634.11	-765.39	-820524.53
			Max. Vy	20	-21937.54	814878.17	-1188.19
			Max. Vx	14	22950.95	-765.39	-820524.53
			Max. Torque	18			2137.40
L13	74 - 69	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-46643.14	-359.42	-1661.15
			Max. Mx	20	-15649.02	925645.31	-2307.31
			Max. My	14	-15491.02	75.19	-937147.75
			Max. Vy	20	-22386.78	925645.31	-2307.31
			Max. Vx	14	23730.03	75.19	-937147.75
			Max. Torque	18			2166.67
L14	69 - 64	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-48218.77	-244.30	-1566.15
			Max. Mx	20	-16551.31	1038648.93	-3423.88
			Max. My	14	-16384.85	917.84	-1057647.4
			Max. Vy	20	-22833.39	1038648.93	-3423.88
			Max. Vx	14	24503.16	917.84	-1057647.4
			Max. Torque	18			2196.59
L15	64 - 60	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-49616.66	-135.83	-1462.70
			Max. Mx	20	-17294.16	1130667.63	-4314.97

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	<b>Project</b>	Ridgefield CT	<b>Date</b>	12:52:26 09/02/21
	<b>Client</b>	Verizon Wireless	<b>Designed by</b>	L. Mendoza

Section No.	Elevation ft	Component Type	Condition	Gov. Load Comb.	Axial lb	Major Axis Moment lb-ft	Minor Axis Moment lb-ft
L16	60 - 59.75	Pole	Max. My	14	-17125.31	1594.56	-1156839.57
			Max. Vy	20	-23195.29	1130667.63	-4314.97
			Max. Vx	14	25126.60	1594.56	-1156839.57
			Max. Torque	18			2227.66
			Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-49737.39	-128.46	-1455.45
			Max. Mx	20	-17377.67	1136467.67	-4370.93
			Max. My	14	-17210.03	1636.64	-1163122.70
			Max. Vy	20	-23213.00	1136467.67	-4370.93
			Max. Vx	14	25159.74	1636.64	-1163122.70
			Max. Torque	18			2229.65
			Max Tension	1	0.00	0.00	0.00
L17	59.75 - 54.75	Pole	Max. Compression	26	-52664.14	-450.17	-349.38
			Max. Mx	20	-18947.31	1254761.18	-5289.78
			Max. My	14	-18771.85	2284.43	-1291834.52
			Max. Vy	20	-23975.84	1254761.18	-5289.78
			Max. Vx	14	26237.52	2284.43	-1291834.52
			Max. Torque	18			2229.54
			Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-55007.63	-327.64	-170.51
			Max. Mx	20	-20287.86	1369814.31	-6408.95
			Max. My	14	-20108.48	3149.16	-1418349.69
			Max. Vy	20	-24482.64	1369814.31	-6408.95
			Max. Vx	14	27061.47	3149.16	-1418349.69
L18	54.75 - 44.83	Pole	Max. Torque	18			2229.54
			Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-55007.63	-327.64	-170.51
			Max. Mx	20	-20287.86	1369814.31	-6408.95
			Max. My	14	-20108.48	3149.16	-1418349.69
			Max. Vy	20	-24482.64	1369814.31	-6408.95
			Max. Vx	14	27061.47	3149.16	-1418349.69
			Max. Torque	4			-2207.63
			Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-59992.55	-168.15	124.95
			Max. Mx	20	-23439.08	1523341.62	-7848.99
			Max. My	14	-23250.44	4273.24	-1589053.46
L19	44.83 - 43.83	Pole	Max. Vy	20	-25262.57	1523341.62	-7848.99
			Max. Vx	14	28268.61	4273.24	-1589053.46
			Max. Torque	4			-2291.68
			Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-62021.61	-68.52	270.91
			Max. Mx	20	-24668.30	1620820.70	-8751.93
			Max. My	14	-24480.83	4972.08	-1698502.98
			Max. Vy	20	-25658.17	1620820.70	-8751.93
			Max. Vx	14	28917.48	4972.08	-1698502.98
			Max. Torque	4			-2349.12
			Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-62129.30	-62.16	280.05
L20	43.83 - 40	Pole	Max. Mx	20	-24735.78	1627235.51	-8810.80
			Max. My	14	-24550.61	5017.76	-1705732.92
			Max. Vy	20	-25672.37	1627235.51	-8810.80
			Max. Vx	14	28947.67	5017.76	-1705732.92
			Max. Torque	4			-2352.75
			Max Tension	1	0.00	0.00	0.00
L21	40 - 39.75	Pole	Max. Torque	4			-2352.75
			Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-62129.30	-62.16	280.05
			Max. Mx	20	-24735.78	1627235.51	-8810.80
			Max. My	14	-24550.61	5017.76	-1705732.92
			Max. Vy	20	-25672.37	1627235.51	-8810.80
			Max. Vx	14	28947.67	5017.76	-1705732.92
			Max. Torque	4			-2352.75
			Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-62129.30	-62.16	280.05
			Max. Mx	20	-24735.78	1627235.51	-8810.80
			Max. My	14	-24550.61	5017.76	-1705732.92
L22	39.75 - 34.75	Pole	Max. Torque	4			-2352.75
			Max Tension	1	0.00	0.00	0.00

<b>tnxTower</b>  <b>Infinigy Engineering, LLP</b> 26455 Rancho Parkway S. Lake Forest, CA 92630 Phone: (518) 690-0790 FAX: (518) 690-0790	<b>Job</b>	1126-D0001-B	<b>Page</b>	25 of 38
	<b>Project</b>	Ridgefield CT	<b>Date</b>	12:52:26 09/02/21
	<b>Client</b>	Verizon Wireless	<b>Designed by</b>	L. Mendoza

Section No.	Elevation ft	Component Type	Condition	Gov. Load Comb.	Axial lb	Major Axis Moment lb-ft	Minor Axis Moment lb-ft
L23	34.75 - 29.75	Pole	Max. Compression	26	-64118.11	44.47	428.79
			Max. Mx	20	-25918.15	1756596.59	-9985.33
			Max. My	14	-25748.30	5929.98	-1852237.26
			Max. Vy	20	-26089.66	1756596.59	-9985.33
			Max. Vx	14	29687.08	5929.98	-1852237.26
			Max. Torque	4			-2415.67
			Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-66037.78	138.52	555.02
			Max. Mx	20	-27143.16	1887950.03	-11155.03
			Max. My	14	-26996.33	6840.55	-2002293.04
			Max. Vy	20	-26480.58	1887950.03	-11155.03
			Max. Vx	14	30380.40	6840.55	-2002293.04
L24	29.75 - 24.75	Pole	Max. Torque	4			-2464.05
			Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-67981.07	233.25	682.74
			Max. Mx	20	-28398.11	2021241.77	-12319.46
			Max. My	14	-28279.03	7749.65	-2155784.92
			Max. Vy	20	-26865.68	2021241.77	-12319.46
			Max. Vx	14	31062.76	7749.65	-2155784.92
			Max. Torque	4			-2513.04
			Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-68862.35	276.01	740.60
			Max. Mx	20	-28970.49	2081853.43	-12841.66
			Max. My	14	-28864.87	8158.13	-2225972.56
L25	24.75 - 22.5	Pole	Max. Vy	20	-27042.81	2081853.43	-12841.66
			Max. Vx	14	31374.20	8158.13	-2225972.56
			Max. Torque	4			-2535.65
			Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-68993.70	280.58	746.60
			Max. Mx	20	-29080.02	2088612.91	-12899.48
			Max. My	14	-28978.92	8203.65	-2233814.72
			Max. Vy	20	-27050.23	2088612.91	-12899.48
			Max. Vx	14	31395.73	8203.65	-2233814.72
			Max. Torque	4			-2538.13
			Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-71620.73	375.74	876.07
L27	22.25 - 17.25	Pole	Max. Mx	20	-30961.28	2225036.89	-14057.84
			Max. My	14	-30876.16	9109.31	-2392687.74
			Max. Vy	20	-27529.06	2225036.89	-14057.84
			Max. Vx	14	32179.55	9109.31	-2392687.74
			Max. Torque	4			-2589.87
			Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-74259.91	470.15	1005.19
			Max. Mx	20	-32880.02	2363828.05	-15212.60
			Max. My	14	-32815.46	10013.99	-2555453.12
			Max. Vy	20	-28004.90	2363828.05	-15212.60
			Max. Vx	14	32961.46	10013.99	-2555453.12
			Max. Torque	4			-2589.87
L28	17.25 - 12.25	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-74259.91	470.15	1005.19
			Max. Mx	20	-32880.02	2363828.05	-15212.60
			Max. My	14	-32815.46	10013.99	-2555453.12
			Max. Vy	20	-28004.90	2363828.05	-15212.60
			Max. Vx	14	32961.46	10013.99	-2555453.12
			Max. Torque	4			-2589.87
			Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-74259.91	470.15	1005.19
			Max. Mx	20	-32880.02	2363828.05	-15212.60
			Max. My	14	-32815.46	10013.99	-2555453.12
			Max. Vy	20	-28004.90	2363828.05	-15212.60
			Max. Vx	14	32961.46	10013.99	-2555453.12



<b><i>tnxTower</i></b>  <b><i>Infinigy Engineering, LLP</i></b> 26455 Rancho Parkway S. Lake Forest, CA 92630 Phone: (518) 690-0790 FAX: (518) 690-0790	<b>Job</b>	1126-D0001-B	<b>Page</b>	26 of 38
	<b>Project</b>	Ridgefield CT	<b>Date</b>	12:52:26 09/02/21
	<b>Client</b>	Verizon Wireless	<b>Designed by</b>	L. Mendoza

Section No.	Elevation ft	Component Type	Condition	Gov. Load Comb.	Axial lb	Major Axis Moment lb-ft	Minor Axis Moment lb-ft
L29	12.25 - 7.25	Pole	Max. Torque	4			-2643.09
			Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-76900.52	562.85	1133.02
			Max. Mx	20	-34827.96	2505009.64	-16363.42
			Max. My	14	-34786.53	10917.30	-2722142.0
							0
			Max. Vy	20	-28486.12	2505009.64	-16363.42
			Max. Vx	14	33750.34	10917.30	-2722142.0
						0	
L30	7.25 - 3.5	Pole	Max. Torque	4			-2697.83
			Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-78869.28	629.82	1226.33
			Max. Mx	20	-36308.36	2612478.71	-17223.74
			Max. My	14	-36285.53	11593.66	-2849752.8
							1
			Max. Vy	18	-28872.22	2487089.07	-1408744.0
			Max. Vx	14	34348.49	11593.66	-2849752.8
						1	
L31	3.5 - 3.25	Pole	Max. Torque	4			-2739.88
			Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-79025.24	634.10	1232.29
			Max. Mx	20	-36442.40	2619691.95	-17280.88
			Max. My	14	-36423.53	11638.88	-2858339.7
							8
			Max. Vy	18	-28887.49	2494307.79	-1412848.6
			Max. Vx	14	34376.35	11638.88	-2858339.7
						8	
L32	3.25 - 3	Pole	Max. Torque	4			-2742.72
			Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-79180.98	638.39	1238.32
			Max. Mx	20	-36566.55	2626911.64	-17338.15
			Max. My	14	-36548.67	11683.91	-2866937.1
							0
			Max. Vy	18	-28914.70	2501533.18	-1416957.4
			Max. Vx	14	34417.78	11683.91	-2866937.1
						0	
L33	3 - 2.75	Pole	Max. Torque	4			-2745.56
			Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-79303.30	642.67	1244.34
			Max. Mx	20	-36658.25	2634137.56	-17395.40
			Max. My	14	-36641.57	11728.96	-2875544.5
							4
			Max. Vy	18	-28941.10	2508765.17	-1421070.0
			Max. Vx	14	34458.28	11728.96	-2875544.5
						4	
L34	2.75 - 0	Pole	Max. Torque	4			-2748.40
			Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-80622.68	686.91	1307.21
			Max. Mx	20	-37666.71	2714021.55	-18024.40
			Max. My	14	-37662.61	12223.99	-2970879.8
							9
			Max. Vy	18	-29236.81	2588740.17	-1466553.5
			Max. Vx	14	34909.86	12223.99	-2970879.8
						9	

<b>tnxTower</b>  <b>Infinigy Engineering, LLP</b> 26455 Rancho Parkway S. Lake Forest, CA 92630 Phone: (518) 690-0790 FAX: (518) 690-0790	<b>Job</b>	1126-D0001-B	<b>Page</b>	27 of 38
	<b>Project</b>	Ridgefield CT	<b>Date</b>	12:52:26 09/02/21
	<b>Client</b>	Verizon Wireless	<b>Designed by</b>	L. Mendoza

## Maximum Reactions

Location	Condition	Gov. Load Comb.	Vertical lb	Horizontal, X lb	Horizontal, Z lb
Pole	Max. Vert	34	80622.68	4444.69	-7527.33
	Max. H <sub>x</sub>	19	28260.01	29220.44	-16626.94
	Max. H <sub>z</sub>	2	37680.01	-224.68	34795.31
	Max. M <sub>x</sub>	2	2962756.04	-224.68	34795.31
	Max. M <sub>z</sub>	8	2708759.76	-29137.73	201.40
	Max. Torsion	16	2689.11	18313.84	-30854.00
	Min. Vert	23	28260.01	25066.32	14059.43
	Min. H <sub>x</sub>	6	37680.01	-29153.13	16585.84
	Min. H <sub>z</sub>	14	37680.01	177.20	-34891.07
	Min. M <sub>x</sub>	14	-2970879.89	177.20	-34891.07
	Min. M <sub>z</sub>	20	-2714021.55	29179.39	-234.05
	Min. Torsion	4	-2779.91	-18282.18	30854.41

## Tower Mast Reaction Summary

Load Combination	Vertical lb	Shear <sub>x</sub> lb	Shear <sub>z</sub> lb	Overturning Moment, M <sub>x</sub> lb-ft	Overturning Moment, M <sub>z</sub> lb-ft	Torque lb-ft
Dead Only	31400.01	0.00	0.00	-221.49	-176.08	0.00
1.2 Dead+1.6 Wind 0 deg - No Ice	37680.01	224.68	-34795.31	-2962756.04	-17521.25	1858.26
0.9 Dead+1.6 Wind 0 deg - No Ice	28260.01	224.68	-34795.31	-2934178.61	-17353.69	1853.99
1.2 Dead+1.6 Wind 30 deg - No Ice	37680.01	18282.18	-30854.41	-2637333.65	-1567189.32	2779.91
0.9 Dead+1.6 Wind 30 deg - No Ice	28260.01	18282.18	-30854.41	-2611911.42	-1552107.08	2771.65
1.2 Dead+1.6 Wind 60 deg - No Ice	37680.01	29153.13	-16585.84	-1463496.06	-2581491.29	2087.74
0.9 Dead+1.6 Wind 60 deg - No Ice	28260.01	29153.13	-16585.84	-1449204.44	-2556323.29	2077.70
1.2 Dead+1.6 Wind 90 deg - No Ice	37680.01	29137.73	-201.40	-16172.17	-2708759.76	1145.83
0.9 Dead+1.6 Wind 90 deg - No Ice	28260.01	29137.73	-201.40	-15999.00	-2681472.62	1136.89
1.2 Dead+1.6 Wind 120 deg - No Ice	37680.01	25070.71	13957.86	1299670.69	-2334028.74	352.82
0.9 Dead+1.6 Wind 120 deg - No Ice	28260.01	25070.71	13957.86	1286568.69	-2310474.17	347.11
1.2 Dead+1.6 Wind 150 deg - No Ice	37680.01	16684.97	28635.41	2464365.09	-1442461.19	-494.70
0.9 Dead+1.6 Wind 150 deg - No Ice	28260.01	16684.97	28635.41	2440458.41	-1428345.65	-495.44
1.2 Dead+1.6 Wind 180 deg - No Ice	37680.01	-177.20	34891.07	2970879.89	12224.24	-1779.03
0.9 Dead+1.6 Wind 180 deg - No Ice	28260.01	-177.20	34891.07	2942357.42	12216.82	-1774.57
1.2 Dead+1.6 Wind 210 deg - No Ice	37680.01	-18313.84	30854.00	2635977.53	1570469.11	-2689.11
0.9 Dead+1.6 Wind 210 deg - No Ice	28260.01	-18313.84	30854.00	2610701.30	1555457.93	-2680.48

<b>tnxTower</b>  <b>Infinigy Engineering, LLP</b> 26455 Rancho Parkway S. Lake Forest, CA 92630 Phone: (518) 690-0790 FAX: (518) 690-0790	<b>Job</b>	1126-D0001-B	<b>Page</b>	28 of 38
	<b>Project</b>	Ridgefield CT	<b>Date</b>	12:52:26 09/02/21
	<b>Client</b>	Verizon Wireless	<b>Designed by</b>	L. Mendoza

<i>Load Combination</i>	<i>Vertical lb</i>	<i>Shear<sub>x</sub> lb</i>	<i>Shear<sub>z</sub> lb</i>	<i>Overturning Moment, M<sub>x</sub> lb-ft</i>	<i>Overturning Moment, M<sub>z</sub> lb-ft</i>	<i>Torque lb-ft</i>
1.2 Dead+1.6 Wind 240 deg - No Ice	37680.01	-29220.44	16626.94	1466553.23	2588740.33	-2251.10
0.9 Dead+1.6 Wind 240 deg - No Ice	28260.01	-29220.44	16626.94	1452368.84	2563608.31	-2240.97
1.2 Dead+1.6 Wind 270 deg - No Ice	37680.01	-29179.39	234.05	18024.20	2714021.55	-1514.54
0.9 Dead+1.6 Wind 270 deg - No Ice	28260.01	-29179.39	234.05	17970.92	2686788.62	-1505.89
1.2 Dead+1.6 Wind 300 deg - No Ice	37680.01	-25066.32	-14059.43	-1309812.80	2335359.89	-563.99
0.9 Dead+1.6 Wind 300 deg - No Ice	28260.01	-25066.32	-14059.43	-1296499.53	2311891.36	-558.68
1.2 Dead+1.6 Wind 330 deg - No Ice	37680.01	-16859.63	-28603.37	-2462317.38	1459331.69	200.37
0.9 Dead+1.6 Wind 330 deg - No Ice	28260.01	-16859.63	-28603.37	-2438303.83	1445180.40	200.90
1.2 Dead+1.0 Ice+1.0 Temp	80622.68	0.00	0.00	-1307.21	686.91	-0.01
1.2 Dead+1.0 Wind 0 deg+1.0 Ice+1.0 Temp	80622.68	35.98	-8520.91	-759310.85	-1955.25	570.32
1.2 Dead+1.0 Wind 30 deg+1.0 Ice+1.0 Temp	80622.68	4439.31	-7527.42	-674101.71	-397020.02	768.65
1.2 Dead+1.0 Wind 60 deg+1.0 Ice+1.0 Temp	80622.68	6679.70	-3798.52	-365794.03	-642184.47	514.57
1.2 Dead+1.0 Wind 90 deg+1.0 Ice+1.0 Temp	80622.68	6134.16	-32.07	-3695.82	-631044.55	124.09
1.2 Dead+1.0 Wind 120 deg+1.0 Ice+1.0 Temp	80622.68	5322.05	2971.19	305533.22	-547680.38	-51.48
1.2 Dead+1.0 Wind 150 deg+1.0 Ice+1.0 Temp	80622.68	3714.94	6361.33	589185.24	-345494.09	-218.28
1.2 Dead+1.0 Wind 180 deg+1.0 Ice+1.0 Temp	80622.68	-27.94	8537.10	758292.35	2445.46	-556.27
1.2 Dead+1.0 Wind 210 deg+1.0 Ice+1.0 Temp	80622.68	-4444.69	7527.33	671356.52	399081.93	-751.94
1.2 Dead+1.0 Wind 240 deg+1.0 Ice+1.0 Temp	80622.68	-6691.12	3805.47	363859.45	644980.24	-542.17
1.2 Dead+1.0 Wind 270 deg+1.0 Ice+1.0 Temp	80622.68	-6141.25	37.57	1534.39	633488.30	-187.94
1.2 Dead+1.0 Wind 300 deg+1.0 Ice+1.0 Temp	80622.68	-5321.37	-2988.38	-309853.92	549421.38	14.01
1.2 Dead+1.0 Wind 330 deg+1.0 Ice+1.0 Temp	80622.68	-3744.51	-6355.92	-591311.99	350016.95	166.96
Dead+Wind 0 deg - Service	31400.01	41.80	-6473.77	-548863.33	-3397.13	349.18
Dead+Wind 30 deg - Service	31400.01	3401.45	-5740.55	-488657.07	-290429.32	523.40
Dead+Wind 60 deg - Service	31400.01	5424.03	-3085.84	-271204.39	-478240.29	393.40
Dead+Wind 90 deg - Service	31400.01	5421.16	-37.47	-3161.99	-501652.71	215.58
Dead+Wind 120 deg - Service	31400.01	4664.48	2596.90	240444.02	-432256.62	65.88
Dead+Wind 150 deg - Service	31400.01	3104.29	5327.70	456175.82	-267254.94	-92.84
Dead+Wind 180 deg - Service	31400.01	-32.97	6491.59	550039.21	2118.01	-333.64
Dead+Wind 210 deg - Service	31400.01	-3407.34	5740.48	488076.47	290736.36	-504.53
Dead+Wind 240 deg - Service	31400.01	-5436.55	3093.49	271446.09	479290.19	-423.24
Dead+Wind 270 deg - Service	31400.01	-5428.91	43.54	3176.70	502336.88	-285.74
Dead+Wind 300 deg - Service	31400.01	-4663.66	-2615.80	-242656.65	432213.42	-107.33
Dead+Wind 330 deg - Service	31400.01	-3136.78	-5321.74	-456133.89	270087.63	36.28

## Solution Summary

<b>tnxTower</b>  <b>Infinigy Engineering, LLP</b> 26455 Rancho Parkway S. Lake Forest, CA 92630 Phone: (518) 690-0790 FAX: (518) 690-0790	<b>Job</b>	1126-D0001-B	<b>Page</b>	29 of 38
	<b>Project</b>	Ridgefield CT	<b>Date</b>	12:52:26 09/02/21
	<b>Client</b>	Verizon Wireless	<b>Designed by</b>	L. Mendoza

Load Comb.	Sum of Applied Forces			Sum of Reactions			% Error
	PX lb	PY lb	PZ lb	PX lb	PY lb	PZ lb	
1	0.00	-31400.01	0.00	0.00	31400.01	0.00	0.000%
2	224.68	-37680.01	-34795.30	-224.68	37680.01	34795.31	0.000%
3	224.68	-28260.01	-34795.30	-224.68	28260.01	34795.31	0.000%
4	18282.18	-37680.01	-30854.41	-18282.18	37680.01	30854.41	0.000%
5	18282.18	-28260.01	-30854.41	-18282.18	28260.01	30854.41	0.000%
6	29153.13	-37680.01	-16585.84	-29153.13	37680.01	16585.84	0.000%
7	29153.13	-28260.01	-16585.84	-29153.13	28260.01	16585.84	0.000%
8	29137.73	-37680.01	-201.40	-29137.73	37680.01	201.40	0.000%
9	29137.73	-28260.01	-201.40	-29137.73	28260.01	201.40	0.000%
10	25070.71	-37680.01	13957.86	-25070.71	37680.01	-13957.86	0.000%
11	25070.71	-28260.01	13957.86	-25070.71	28260.01	-13957.86	0.000%
12	16684.97	-37680.01	28635.41	-16684.97	37680.01	-28635.41	0.000%
13	16684.97	-28260.01	28635.41	-16684.97	28260.01	-28635.41	0.000%
14	-177.20	-37680.01	34891.07	177.20	37680.01	-34891.07	0.000%
15	-177.20	-28260.01	34891.07	177.20	28260.01	-34891.07	0.000%
16	-18313.84	-37680.01	30854.00	18313.84	37680.01	-30854.00	0.000%
17	-18313.84	-28260.01	30854.00	18313.84	28260.01	-30854.00	0.000%
18	-29220.44	-37680.01	16626.94	29220.44	37680.01	-16626.94	0.000%
19	-29220.44	-28260.01	16626.94	29220.44	28260.01	-16626.94	0.000%
20	-29179.39	-37680.01	234.05	29179.39	37680.01	-234.05	0.000%
21	-29179.39	-28260.01	234.05	29179.39	28260.01	-234.05	0.000%
22	-25066.32	-37680.01	-14059.43	25066.32	37680.01	14059.43	0.000%
23	-25066.32	-28260.01	-14059.43	25066.32	28260.01	14059.43	0.000%
24	-16859.63	-37680.01	-28603.37	16859.63	37680.01	28603.37	0.000%
25	-16859.63	-28260.01	-28603.37	16859.63	28260.01	28603.37	0.000%
26	0.00	-80622.68	0.00	-0.00	80622.68	-0.00	0.000%
27	35.98	-80622.68	-8520.90	-35.98	80622.68	8520.91	0.000%
28	4439.31	-80622.68	-7527.41	-4439.31	80622.68	7527.42	0.000%
29	6679.69	-80622.68	-3798.52	-6679.70	80622.68	3798.52	0.000%
30	6134.15	-80622.68	-32.07	-6134.16	80622.68	32.07	0.000%
31	5322.04	-80622.68	2971.19	-5322.05	80622.68	-2971.19	0.000%
32	3714.94	-80622.68	6361.32	-3714.94	80622.68	-6361.33	0.000%
33	-27.94	-80622.68	8537.09	27.94	80622.68	-8537.10	0.000%
34	-4444.68	-80622.68	7527.32	4444.69	80622.68	-7527.33	0.000%
35	-6691.11	-80622.68	3805.46	6691.12	80622.68	-3805.47	0.000%
36	-6141.24	-80622.68	37.57	6141.25	80622.68	-37.57	0.000%
37	-5321.36	-80622.68	-2988.37	5321.37	80622.68	2988.38	0.000%
38	-3744.51	-80622.68	-6355.91	3744.51	80622.68	6355.92	0.000%
39	41.80	-31400.01	-6473.77	-41.80	31400.01	6473.77	0.000%
40	3401.45	-31400.01	-5740.55	-3401.45	31400.01	5740.55	0.000%
41	5424.03	-31400.01	-3085.84	-5424.03	31400.01	3085.84	0.000%
42	5421.16	-31400.01	-37.47	-5421.16	31400.01	37.47	0.000%
43	4664.48	-31400.01	2596.90	-4664.48	31400.01	-2596.90	0.000%
44	3104.29	-31400.01	5327.70	-3104.29	31400.01	-5327.70	0.000%
45	-32.97	-31400.01	6491.59	32.97	31400.01	-6491.59	0.000%
46	-3407.34	-31400.01	5740.48	3407.34	31400.01	-5740.48	0.000%
47	-5436.55	-31400.01	3093.49	5436.55	31400.01	-3093.49	0.000%
48	-5428.91	-31400.01	43.54	5428.91	31400.01	-43.54	0.000%
49	-4663.66	-31400.01	-2615.80	4663.66	31400.01	2615.80	0.000%
50	-3136.78	-31400.01	-5321.74	3136.78	31400.01	5321.74	0.000%

## Non-Linear Convergence Results

Load Combination	Converged?	Number of Cycles	Displacement Tolerance	Force Tolerance
1	Yes	4	0.00000001	0.00000001

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	<b>Project</b>	Ridgefield CT	<b>Date</b>	12:52:26 09/02/21
	<b>Client</b>	Verizon Wireless	<b>Designed by</b>	L. Mendoza

2	Yes	5	0.00000001	0.00039250
3	Yes	5	0.00000001	0.00016780
4	Yes	6	0.00000001	0.00032463
5	Yes	6	0.00000001	0.00009152
6	Yes	6	0.00000001	0.00028771
7	Yes	6	0.00000001	0.00008111
8	Yes	5	0.00000001	0.00019805
9	Yes	5	0.00000001	0.00008413
10	Yes	6	0.00000001	0.00027514
11	Yes	6	0.00000001	0.00008108
12	Yes	6	0.00000001	0.00028794
13	Yes	6	0.00000001	0.00008313
14	Yes	5	0.00000001	0.00024972
15	Yes	5	0.00000001	0.00010592
16	Yes	6	0.00000001	0.00029845
17	Yes	6	0.00000001	0.00008273
18	Yes	6	0.00000001	0.00031434
19	Yes	6	0.00000001	0.00008988
20	Yes	5	0.00000001	0.00041635
21	Yes	5	0.00000001	0.00018110
22	Yes	6	0.00000001	0.00026948
23	Yes	6	0.00000001	0.00007895
24	Yes	6	0.00000001	0.00028767
25	Yes	6	0.00000001	0.00008281
26	Yes	4	0.00000001	0.00017754
27	Yes	7	0.00000001	0.00022381
28	Yes	7	0.00000001	0.00027078
29	Yes	7	0.00000001	0.00025780
30	Yes	7	0.00000001	0.00020634
31	Yes	7	0.00000001	0.00023049
32	Yes	7	0.00000001	0.00024170
33	Yes	7	0.00000001	0.00022588
34	Yes	7	0.00000001	0.00026953
35	Yes	7	0.00000001	0.00026088
36	Yes	7	0.00000001	0.00020599
37	Yes	7	0.00000001	0.00022920
38	Yes	7	0.00000001	0.00023987
39	Yes	4	0.00000001	0.00047014
40	Yes	5	0.00000001	0.00008831
41	Yes	5	0.00000001	0.00006581
42	Yes	4	0.00000001	0.00040749
43	Yes	5	0.00000001	0.00006171
44	Yes	5	0.00000001	0.00006727
45	Yes	4	0.00000001	0.00044774
46	Yes	5	0.00000001	0.00007140
47	Yes	5	0.00000001	0.00008243
48	Yes	4	0.00000001	0.00046280
49	Yes	5	0.00000001	0.00005795
50	Yes	5	0.00000001	0.00006629

### Maximum Tower Deflections - Service Wind

Section No.	Elevation ft	Horz. Deflection in	Gov. Load Comb.	Tilt °	Twist °
L1	130 - 125	19.473	46	1.427	0.004
L2	125 - 120	17.980	46	1.422	0.004
L3	120 - 115	16.501	46	1.400	0.003
L4	115 - 110	15.054	46	1.363	0.003
L5	110 - 105	13.652	46	1.312	0.003

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	<b>Project</b>	Ridgefield CT	<b>Date</b>	12:52:26 09/02/21
	<b>Client</b>	Verizon Wireless	<b>Designed by</b>	L. Mendoza

Section No.	Elevation ft	Horz. Deflection in	Gov. Load Comb.	Tilt °	Twist °
L6	105 - 100	12.310	46	1.250	0.003
L7	100 - 95	11.038	46	1.179	0.003
L8	95 - 89.92	9.845	40	1.099	0.003
L9	94 - 89	9.617	40	1.082	0.003
L10	89 - 84	8.505	40	1.038	0.002
L11	84 - 79	7.457	40	0.964	0.002
L12	79 - 74	6.488	40	0.887	0.002
L13	74 - 69	5.600	40	0.808	0.002
L14	69 - 64	4.797	40	0.726	0.001
L15	64 - 60	4.080	40	0.643	0.001
L16	60 - 59.75	3.569	40	0.577	0.001
L17	59.75 - 54.75	3.539	40	0.575	0.001
L18	54.75 - 44.83	2.961	40	0.529	0.001
L19	50 - 43.83	2.456	40	0.485	0.001
L20	43.83 - 40	1.847	40	0.453	0.001
L21	40 - 39.75	1.497	40	0.420	0.001
L22	39.75 - 34.75	1.475	40	0.416	0.001
L23	34.75 - 29.75	1.077	40	0.345	0.000
L24	29.75 - 24.75	0.752	40	0.275	0.000
L25	24.75 - 22.5	0.500	40	0.206	0.000
L26	22.5 - 22.25	0.411	40	0.175	0.000
L27	22.25 - 17.25	0.402	40	0.173	0.000
L28	17.25 - 12.25	0.241	40	0.134	0.000
L29	12.25 - 7.25	0.121	40	0.095	0.000
L30	7.25 - 3.5	0.043	40	0.056	0.000
L31	3.5 - 3.25	0.010	40	0.027	0.000
L32	3.25 - 3	0.009	40	0.025	0.000
L33	3 - 2.75	0.007	40	0.024	0.000
L34	2.75 - 0	0.006	40	0.022	0.000

### Critical Deflections and Radius of Curvature - Service Wind

Elevation ft	Appurtenance	Gov. Load Comb.	Deflection in	Tilt °	Twist °	Radius of Curvature ft
130.00	PD440-140	46	19.473	1.427	0.004	21806
128.00	BXA-80080-4CF w/ Mount Pipe	46	18.875	1.426	0.004	21806
124.00	Kicker Reinforcement	46	17.683	1.419	0.004	17529
116.00	APXVSPP18-C-A20_TIA w/ Mount Pipe	46	15.340	1.372	0.003	6969
106.00	VHLP3-11W-6WH/A	46	12.573	1.263	0.003	4393
99.00	BA4040-41-DIN	46	10.793	1.164	0.003	3725
87.00	VHLP3-11W-6WH/A	40	8.077	1.013	0.002	4190
86.00	18" Dipole	40	7.868	0.997	0.002	4026
85.00	VHLP3-11W-6WH/A	40	7.661	0.981	0.002	3903
59.00	3' Yagi	40	3.449	0.568	0.001	4960
57.00	2' Omni	40	3.215	0.550	0.001	5764
50.00	GPS	40	2.456	0.485	0.001	8569

### Maximum Tower Deflections - Design Wind

<b><i>tnxTower</i></b>  <b><i>Infinigy Engineering, LLP</i></b> 26455 Rancho Parkway S. Lake Forest, CA 92630 Phone: (518) 690-0790 FAX: (518) 690-0790	<b>Job</b>	1126-D0001-B	<b>Page</b>	32 of 38
	<b>Project</b>	Ridgefield CT	<b>Date</b>	12:52:26 09/02/21
	<b>Client</b>	Verizon Wireless	<b>Designed by</b>	L. Mendoza

<i>Section No.</i>	<i>Elevation ft</i>	<i>Horz. Deflection in</i>	<i>Gov. Load Comb.</i>	<i>Tilt °</i>	<i>Twist °</i>
L1	130 - 125	104.979	16	7.714	0.021
L2	125 - 120	96.950	16	7.689	0.021
L3	120 - 115	88.995	16	7.569	0.020
L4	115 - 110	81.205	16	7.370	0.020
L5	110 - 105	73.661	16	7.095	0.019
L6	105 - 100	66.434	16	6.757	0.018
L7	100 - 95	59.582	16	6.373	0.017
L8	95 - 89.92	53.151	16	5.943	0.014
L9	94 - 89	51.919	16	5.851	0.014
L10	89 - 84	45.920	16	5.610	0.013
L11	84 - 79	40.265	16	5.215	0.011
L12	79 - 74	35.032	16	4.799	0.010
L13	74 - 69	30.241	16	4.367	0.008
L14	69 - 64	25.905	16	3.926	0.007
L15	64 - 60	22.032	16	3.478	0.006
L16	60 - 59.75	19.272	16	3.118	0.005
L17	59.75 - 54.75	19.109	16	3.106	0.005
L18	54.75 - 44.83	15.988	16	2.860	0.004
L19	50 - 43.83	13.263	16	2.622	0.004
L20	43.83 - 40	9.975	16	2.449	0.004
L21	40 - 39.75	8.085	16	2.267	0.003
L22	39.75 - 34.75	7.967	16	2.247	0.003
L23	34.75 - 29.75	5.815	16	1.864	0.003
L24	29.75 - 24.75	4.062	16	1.486	0.002
L25	24.75 - 22.5	2.702	16	1.112	0.001
L26	22.5 - 22.25	2.217	16	0.946	0.001
L27	22.25 - 17.25	2.168	16	0.935	0.001
L28	17.25 - 12.25	1.300	16	0.723	0.001
L29	12.25 - 7.25	0.655	16	0.510	0.001
L30	7.25 - 3.5	0.230	16	0.301	0.000
L31	3.5 - 3.25	0.055	16	0.144	0.000
L32	3.25 - 3	0.047	16	0.137	0.000
L33	3 - 2.75	0.040	16	0.129	0.000
L34	2.75 - 0	0.034	16	0.118	0.000

### Critical Deflections and Radius of Curvature - Design Wind

<i>Elevation ft</i>	<i>Appurtenance</i>	<i>Gov. Load Comb.</i>	<i>Deflection in</i>	<i>Tilt °</i>	<i>Twist °</i>	<i>Radius of Curvature ft</i>
130.00	PD440-140	16	104.979	7.714	0.021	4199
128.00	BXA-80080-4CF w/ Mount Pipe	16	101.764	7.711	0.021	4199
124.00	Kicker Reinforcement	16	95.350	7.673	0.021	3376
116.00	APXVSP18-C-A20_TIA w/ Mount Pipe	16	82.746	7.416	0.020	1339
106.00	VHLP3-11W-6WH/A	16	67.851	6.829	0.019	838
99.00	BA4040-41-DIN	16	58.260	6.292	0.016	708
87.00	VHLP3-11W-6WH/A	16	43.611	5.475	0.012	792
86.00	18" Dipole	16	42.480	5.392	0.012	760
85.00	VHLP3-11W-6WH/A	16	41.364	5.304	0.012	737
59.00	3' Yagi	16	18.625	3.070	0.005	923
57.00	2' Omni	16	17.360	2.974	0.005	1072
50.00	GPS	16	13.263	2.622	0.004	1593

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	<b>Project</b>	Ridgefield CT	<b>Date</b>	12:52:26 09/02/21
	<b>Client</b>	Verizon Wireless	<b>Designed by</b>	L. Mendoza

## Compression Checks

## Pole Design Data

Section No.	Elevation <i>ft</i>	Size	<i>L</i> <i>ft</i>	<i>L<sub>u</sub></i> <i>ft</i>	<i>Kl/r</i>	<i>A</i> <i>in<sup>2</sup></i>	<i>P<sub>u</sub></i> <i>lb</i>	<i>P<sub>n</sub></i> <i>lb</i>	Ratio $\frac{P_u}{P_n}$
L1	130 - 125 (1)	TP17.3603x16.26x0.22	5.00	0.00	0.0	12.1422	-3331.45	895001.00	0.004
L2	125 - 120 (2)	TP18.4606x17.3603x0.22	5.00	0.00	0.0	12.9216	-4171.78	952454.00	0.004
L3	120 - 115 (3)	TP19.5609x18.4606x0.22	5.00	0.00	0.0	13.7011	-6573.09	1006810.00	0.007
L4	115 - 110 (4)	TP20.6612x19.5609x0.22	5.00	0.00	0.0	14.4805	-6926.93	1045040.00	0.007
L5	110 - 105 (5)	TP21.7615x20.6612x0.22	5.00	0.00	0.0	15.2600	-7398.72	1081210.00	0.007
L6	105 - 100 (6)	TP22.8618x21.7615x0.22	5.00	0.00	0.0	16.0394	-7821.23	1115330.00	0.007
L7	100 - 95 (7)	TP23.9621x22.8618x0.22	5.00	0.00	0.0	16.8189	-10880.90	1147410.00	0.009
L8	95 - 89.92 (8)	TP25.08x23.9621x0.22	5.08	0.00	0.0	16.9748	-10993.50	1153580.00	0.010
L9	89.92 - 89 (9)	TP24.8422x23.7422x0.31	5.00	0.00	0.0	24.4880	-11919.70	1805010.00	0.007
L10	89 - 84 (10)	TP25.9422x24.8422x0.31	5.00	0.00	0.0	25.5861	-12897.70	1885950.00	0.007
L11	84 - 79 (11)	TP27.0423x25.9422x0.31	5.00	0.00	0.0	26.6842	-13682.20	1966890.00	0.007
L12	79 - 74 (12)	TP28.1423x27.0423x0.31	5.00	0.00	0.0	27.7822	-14507.40	2027890.00	0.007
L13	74 - 69 (13)	TP29.2424x28.1423x0.31	5.00	0.00	0.0	28.8803	-15372.10	2081090.00	0.007
L14	69 - 64 (14)	TP30.3424x29.2424x0.31	5.00	0.00	0.0	29.9784	-16275.20	2132230.00	0.008
L15	64 - 60 (15)	TP31.2225x30.3424x0.31	4.00	0.00	0.0	30.8568	-17024.50	2171660.00	0.008
L16	60 - 59.75 (16)	TP31.2775x31.2225x0.5975	0.25	0.00	0.0	59.0267	-17110.80	4350860.00	0.004
L17	59.75 - 54.75 (17)	TP32.3775x31.2775x0.585	5.00	0.00	0.0	59.8876	-18678.60	4414310.00	0.004
L18	54.75 - 44.83 (18)	TP34.56x32.3775x0.5725	9.92	0.00	0.0	60.5574	-20021.50	4463690.00	0.004
L19	44.83 - 43.83 (19)	TP34.1596x32.8026x0.6425	6.17	0.00	0.0	69.3419	-23168.60	5111190.00	0.005
L20	43.83 - 40 (20)	TP35.002x34.1596x0.63	3.83	0.00	0.0	69.7271	-24404.60	5139590.00	0.005
L21	40 - 39.75 (21)	TP35.057x35.002x0.38	0.25	0.00	0.0	42.4308	-24475.70	3080680.00	0.008
L22	39.75 - 34.75 (22)	TP36.1568x35.057x0.38	5.00	0.00	0.0	43.7765	-25684.50	3145050.00	0.008
L23	34.75 - 29.75 (23)	TP37.2565x36.1568x0.38	5.00	0.00	0.0	45.1221	-26944.60	3207380.00	0.008
L24	29.75 - 24.75 (24)	TP38.3563x37.2565x0.38	5.00	0.00	0.0	46.4678	-28239.50	3267650.00	0.009
L25	24.75 - 22.5 (25)	TP38.8511x38.3563x0.38	2.25	0.00	0.0	47.0733	-28830.80	3294110.00	0.009
L26	22.5 - 22.25 (26)	TP38.9061x38.8511x0.68	0.25	0.00	0.0	83.7000	-28946.40	6169520.00	0.005
L27	22.25 - 17.25 (27)	TP40.0059x38.9061x0.6675	5.00	0.00	0.0	84.5519	-30850.10	6232320.00	0.005
L28	17.25 - 12.25 (28)	TP41.1056x40.0059x0.655	5.00	0.00	0.0	85.3144	-32796.60	6288530.00	0.005
L29	12.25 - 7.25 (29)	TP42.2054x41.1056x0.655	5.00	0.00	0.0	87.6339	-34774.90	6459490.00	0.005
L30	7.25 - 3.5 (30)	TP43.0302x42.2054x0.6425	3.75	0.00	0.0	87.6937	-36279.40	6463910.00	0.006
L31	3.5 - 3.25 (31)	TP43.0852x43.0302x0.88	0.25	0.00	0.0	119.5930	-36418.40	8815170.00	0.004
L32	3.25 - 3 (32)	TP43.1402x43.0852x0.88	0.25	0.00	0.0	119.7480	-36543.80	8826650.00	0.004
L33	3 - 2.75 (33)	TP43.1951x43.1402x0.6175	0.25	0.00	0.0	84.6592	-36637.10	6240230.00	0.006
L34	2.75 - 0 (34)	TP43.8x43.1951x0.6175	2.75	0.00	0.0	85.8619	-37661.50	6328880.00	0.006

## Pole Bending Design Data



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	<b>Project</b>	Ridgefield CT	<b>Date</b>	12:52:26 09/02/21
	<b>Client</b>	Verizon Wireless	<b>Designed by</b>	L. Mendoza

Section No.	Elevation	Size	$M_{ux}$	$M_{rx}$	Ratio	$M_{uy}$	$M_{ry}$	Ratio
	ft		lb-ft	lb-ft	$\frac{M_{ux}}{M_{rx}}$	lb-ft	lb-ft	$\frac{M_{uy}}{M_{ry}}$
L1	130 - 125 (1)	TP17.3603x16.26x0.22	23043.92	311012.50	0.074	0.00	311012.50	0.000
L2	125 - 120 (2)	TP18.4606x17.3603x0.22	63051.58	352494.17	0.179	0.00	352494.17	0.000
L3	120 - 115 (3)	TP19.5609x18.4606x0.22	108656.67	395355.00	0.275	0.00	395355.00	0.000
L4	115 - 110 (4)	TP20.6612x19.5609x0.22	168316.67	433974.17	0.388	0.00	433974.17	0.000
L5	110 - 105 (5)	TP21.7615x20.6612x0.22	230829.17	473421.67	0.488	0.00	473421.67	0.000
L6	105 - 100 (6)	TP22.8618x21.7615x0.22	297205.00	513560.00	0.579	0.00	513560.00	0.000
L7	100 - 95 (7)	TP23.9621x22.8618x0.22	388746.67	554250.00	0.701	0.00	554250.00	0.000
L8	95 - 89.92 (8)	TP25.08x23.9621x0.22	408090.00	562441.67	0.726	0.00	562441.67	0.000
L9	89.92 - 89 (9)	TP24.8422x23.7422x0.31	507470.83	897925.00	0.565	0.00	897925.00	0.000
L10	89 - 84 (10)	TP25.9422x24.8422x0.31	613480.83	980783.33	0.626	0.00	980783.33	0.000
L11	84 - 79 (11)	TP27.0423x25.9422x0.31	726756.67	1067291.67	0.681	0.00	1067291.67	0.000
L12	79 - 74 (12)	TP28.1423x27.0423x0.31	844141.67	1146200.00	0.736	0.00	1146200.00	0.000
L13	74 - 69 (13)	TP29.2424x28.1423x0.31	965608.33	1223266.67	0.789	0.00	1223266.67	0.000
L14	69 - 64 (14)	TP30.3424x29.2424x0.31	1091133.33	1301483.33	0.838	0.00	1301483.33	0.000
L15	64 - 60 (15)	TP31.2225x30.3424x0.31	1194450.00	1364791.67	0.875	0.00	1364791.67	0.000
L16	60 - 59.75 (16)	TP31.2775x31.2225x0.5975	1200991.67	2688608.33	0.447	0.00	2688608.33	0.000
L17	59.75 - 54.75 (17)	TP32.3775x31.2775x0.585	1334841.67	2829725.00	0.472	0.00	2829725.00	0.000
L18	54.75 - 44.83 (18)	TP34.56x32.3775x0.5725	1466266.67	2959383.33	0.495	0.00	2959383.33	0.000
L19	44.83 - 43.83 (19)	TP34.1596x32.8026x0.6425	1643241.67	3451583.33	0.476	0.00	3451583.33	0.000
L20	43.83 - 40 (20)	TP35.002x34.1596x0.63	1756516.67	3562216.67	0.493	0.00	3562216.67	0.000
L21	40 - 39.75 (21)	TP35.057x35.002x0.38	1763991.67	2169850.00	0.813	0.00	2169850.00	0.000
L22	39.75 - 34.75 (22)	TP36.1568x35.057x0.38	1915425.00	2286208.33	0.838	0.00	2286208.33	0.000
L23	34.75 - 29.75 (23)	TP37.2565x36.1568x0.38	2070400.00	2403933.33	0.861	0.00	2403933.33	0.000
L24	29.75 - 24.75 (24)	TP38.3563x37.2565x0.38	2228808.33	2522891.67	0.883	0.00	2522891.67	0.000
L25	24.75 - 22.5 (25)	TP38.8511x38.3563x0.38	2301208.33	2576791.67	0.893	0.00	2576791.67	0.000
L26	22.5 - 22.25 (26)	TP38.9061x38.8511x0.68	2309300.00	4758050.00	0.485	0.00	4758050.00	0.000
L27	22.25 - 17.25 (27)	TP40.0059x38.9061x0.6675	2473100.00	4950333.33	0.500	0.00	4950333.33	0.000
L28	17.25 - 12.25 (28)	TP41.1056x40.0059x0.655	2640800.00	5140116.67	0.514	0.00	5140116.67	0.000
L29	12.25 - 7.25 (29)	TP42.2054x41.1056x0.655	2812433.33	5425700.00	0.518	0.00	5425700.00	0.000
L30	7.25 - 3.5 (30)	TP43.0302x42.2054x0.6425	2943750.00	5542125.00	0.531	0.00	5542125.00	0.000
L31	3.5 - 3.25 (31)	TP43.0852x43.0302x0.88	2952583.33	7483574.67	0.395	0.00	7483574.67	0.000
L32	3.25 - 3 (32)	TP43.1402x43.0852x0.88	2961433.33	7503283.33	0.395	0.00	7503283.33	0.000
L33	3 - 2.75 (33)	TP43.1951x43.1402x0.6175	2970283.33	5377791.67	0.552	0.00	5377791.67	0.000
L34	2.75 - 0 (34)	TP43.8x43.1951x0.6175	3068350.00	5532783.33	0.555	0.00	5532783.33	0.000

### Pole Shear Design Data

Section No.	Elevation	Size	Actual $V_u$	$V_n$	Ratio	Actual $T_u$	$T_n$	Ratio
	ft		lb	lb	$\frac{V_u}{V_n}$	lb-ft	lb-ft	$\frac{T_u}{T_n}$
L1	130 - 125 (1)	TP17.3603x16.26x0.22	7444.81	447500.00	0.017	90.48	633371.67	0.000
L2	125 - 120 (2)	TP18.4606x17.3603x0.22	8308.46	476227.00	0.017	90.41	717661.67	0.000
L3	120 - 115 (3)	TP19.5609x18.4606x0.22	11687.90	503406.00	0.023	90.21	804741.67	0.000
L4	115 - 110 (4)	TP20.6612x19.5609x0.22	12189.20	522518.00	0.023	89.79	883166.67	0.000
L5	110 - 105 (5)	TP21.7615x20.6612x0.22	13024.10	540606.00	0.024	820.22	963266.67	0.001

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	<b>Project</b>	Ridgefield CT	<b>Date</b>	12:52:26 09/02/21
	<b>Client</b>	Verizon Wireless	<b>Designed by</b>	L. Mendoza

Section No.	Elevation ft	Size	Actual $V_u$ lb	$V_n$ lb	Ratio $\frac{V_u}{V_n}$	Actual $T_u$ lb-ft	$T_n$ lb-ft	Ratio $\frac{T_u}{T_n}$
L6	105 - 100 (6)	TP22.8618x21.7615x0.22	13540.20	557667.00	0.024	700.95	1044766.67	0.001
L7	100 - 95 (7)	TP23.9621x22.8618x0.22	19271.60	573703.00	0.034	1220.42	1127375.00	0.001
L8	95 - 89.92 (8)	TP25.08x23.9621x0.22	19431.30	576788.00	0.034	1228.23	1144000.00	0.001
L9	89.92 - 89 (9)	TP24.8422x23.7422x0.31	20327.30	902507.00	0.023	1268.82	1828483.33	0.001
L10	89 - 84 (10)	TP25.9422x24.8422x0.31	22256.90	942976.00	0.024	1844.84	1996841.67	0.001
L11	84 - 79 (11)	TP27.0423x25.9422x0.31	23081.00	983445.00	0.023	1869.83	2172625.00	0.001
L12	79 - 74 (12)	TP28.1423x27.0423x0.31	23901.20	1013950.00	0.024	1895.43	2332883.33	0.001
L13	74 - 69 (13)	TP29.2424x28.1423x0.31	24716.10	1040540.00	0.024	1921.67	2489391.67	0.001
L14	69 - 64 (14)	TP30.3424x29.2424x0.31	25523.80	1066110.00	0.024	1948.52	2648225.00	0.001
L15	64 - 60 (15)	TP31.2225x30.3424x0.31	26163.30	1085830.00	0.024	1993.21	2776775.00	0.001
L16	60 - 59.75 (16)	TP31.2775x31.2225x0.5975	26199.10	2175430.00	0.012	1996.47	5487383.33	0.000
L17	59.75 - 54.75 (17)	TP32.3775x31.2775x0.585	27264.90	2207160.00	0.012	2136.55	5773341.33	0.000
L18	54.75 - 44.83 (18)	TP34.56x32.3775x0.5725	28086.70	2231840.00	0.013	2116.62	6035933.33	0.000
L19	44.83 - 43.83 (19)	TP34.1596x32.8026x0.6425	29272.50	2555600.00	0.011	2200.70	7043866.67	0.000
L20	43.83 - 40 (20)	TP35.002x34.1596x0.63	29906.80	2569790.00	0.012	2258.16	7267633.33	0.000
L21	40 - 39.75 (21)	TP35.057x35.002x0.38	29935.70	1540340.00	0.019	2261.81	4416100.00	0.001
L22	39.75 - 34.75 (22)	TP36.1568x35.057x0.38	30668.80	1572530.00	0.020	2324.76	4652375.00	0.000
L23	34.75 - 29.75 (23)	TP37.2565x36.1568x0.38	31362.80	1603690.00	0.020	2373.17	4891425.00	0.000
L24	29.75 - 24.75 (24)	TP38.3563x37.2565x0.38	32045.20	1633830.00	0.020	2422.21	5132966.67	0.000
L25	24.75 - 22.5 (25)	TP38.8511x38.3563x0.38	32356.70	1647050.00	0.020	2444.83	5242400.00	0.000
L26	22.5 - 22.25 (26)	TP38.9061x38.8511x0.68	32377.40	3084760.00	0.010	2447.31	9705666.67	0.000
L27	22.25 - 17.25 (27)	TP40.0059x38.9061x0.6675	33164.10	3116160.00	0.011	2499.05	10095083.33	0.000
L28	17.25 - 12.25 (28)	TP41.1056x40.0059x0.655	33947.90	3144260.00	0.011	2552.28	10479416.67	0.000
L29	12.25 - 7.25 (29)	TP42.2054x41.1056x0.655	34738.20	3229750.00	0.011	2607.03	11060083.33	0.000
L30	7.25 - 3.5 (30)	TP43.0302x42.2054x0.6425	35337.30	3231950.00	0.011	2649.09	11295166.67	0.000
L31	3.5 - 3.25 (31)	TP43.0852x43.0302x0.88	35364.70	4407580.00	0.008	2651.91	15280666.67	0.000
L32	3.25 - 3 (32)	TP43.1402x43.0852x0.88	35406.20	4413330.00	0.008	2654.75	15320833.33	0.000
L33	3 - 2.75 (33)	TP43.1951x43.1402x0.6175	35446.80	3120120.00	0.011	2657.59	10957833.33	0.000
L34	2.75 - 0 (34)	TP43.8x43.1951x0.6175	35899.30	3164440.00	0.011	2689.12	11272916.00	0.000

## Pole Interaction Design Data

Section No.	Elevation ft	Ratio $\frac{P_u}{P_n}$	Ratio $\frac{M_{ux}}{M_{nx}}$	Ratio $\frac{M_{uy}}{M_{ny}}$	Ratio $\frac{V_u}{V_n}$	Ratio $\frac{T_u}{T_n}$	Comb. Stress Ratio	Allow. Stress Ratio	Criteria
L1	130 - 125 (1)	0.004	0.074	0.000	0.017	0.000	0.078	1.000	4.8.2 ✓
L2	125 - 120 (2)	0.004	0.179	0.000	0.017	0.000	0.184	1.000	4.8.2 ✓
L3	120 - 115 (3)	0.007	0.275	0.000	0.023	0.000	0.282	1.000	4.8.2 ✓
L4	115 - 110 (4)	0.007	0.388	0.000	0.023	0.000	0.395	1.000	4.8.2 ✓

<b><i>tnxTower</i></b>  <b><i>Infinigy Engineering, LLP</i></b> 26455 Rancho Parkway S. Lake Forest, CA 92630 Phone: (518) 690-0790 FAX: (518) 690-0790	<b>Job</b>	1126-D0001-B	<b>Page</b>	36 of 38
	<b>Project</b>	Ridgefield CT	<b>Date</b>	12:52:26 09/02/21
	<b>Client</b>	Verizon Wireless	<b>Designed by</b>	L. Mendoza

Section No.	Elevation <i>ft</i>	Ratio $P_u$ $P_n$	Ratio $M_{ux}$ $M_{nx}$	Ratio $M_{uy}$ $M_{ny}$	Ratio $V_u$ $V_n$	Ratio $T_u$ $T_n$	Comb. Stress Ratio	Allow. Stress Ratio	Criteria
L5	110 - 105 (5)	0.007	0.488	0.000	0.024	0.001	0.495	1.000	4.8.2 ✓
L6	105 - 100 (6)	0.007	0.579	0.000	0.024	0.001	0.586	1.000	4.8.2 ✓
L7	100 - 95 (7)	0.009	0.701	0.000	0.034	0.001	0.712	1.000	4.8.2 ✓
L8	95 - 89.92 (8)	0.010	0.726	0.000	0.034	0.001	0.736	1.000	4.8.2 ✓
L9	89.92 - 89 (9)	0.007	0.565	0.000	0.023	0.001	0.572	1.000	4.8.2 ✓
L10	89 - 84 (10)	0.007	0.626	0.000	0.024	0.001	0.633	1.000	4.8.2 ✓
L11	84 - 79 (11)	0.007	0.681	0.000	0.023	0.001	0.688	1.000	4.8.2 ✓
L12	79 - 74 (12)	0.007	0.736	0.000	0.024	0.001	0.744	1.000	4.8.2 ✓
L13	74 - 69 (13)	0.007	0.789	0.000	0.024	0.001	0.797	1.000	4.8.2 ✓
L14	69 - 64 (14)	0.008	0.838	0.000	0.024	0.001	0.847	1.000	4.8.2 ✓
L15	64 - 60 (15)	0.008	0.875	0.000	0.024	0.001	0.884	1.000	4.8.2 ✓
L16	60 - 59.75 (16)	0.004	0.447	0.000	0.012	0.000	0.451	1.000	4.8.2 ✓
L17	59.75 - 54.75 (17)	0.004	0.472	0.000	0.012	0.000	0.476	1.000	4.8.2 ✓
L18	54.75 - 44.83 (18)	0.004	0.495	0.000	0.013	0.000	0.500	1.000	4.8.2 ✓
L19	44.83 - 43.83 (19)	0.005	0.476	0.000	0.011	0.000	0.481	1.000	4.8.2 ✓
L20	43.83 - 40 (20)	0.005	0.493	0.000	0.012	0.000	0.498	1.000	4.8.2 ✓
L21	40 - 39.75 (21)	0.008	0.813	0.000	0.019	0.001	0.821	1.000	4.8.2 ✓
L22	39.75 - 34.75 (22)	0.008	0.838	0.000	0.020	0.000	0.846	1.000	4.8.2 ✓
L23	34.75 - 29.75 (23)	0.008	0.861	0.000	0.020	0.000	0.870	1.000	4.8.2 ✓
L24	29.75 - 24.75 (24)	0.009	0.883	0.000	0.020	0.000	0.892	1.000	4.8.2 ✓
L25	24.75 - 22.5 (25)	0.009	0.893	0.000	0.020	0.000	0.902	1.000	4.8.2 ✓
L26	22.5 - 22.25 (26)	0.005	0.485	0.000	0.010	0.000	0.490	1.000	4.8.2 ✓
L27	22.25 - 17.25 (27)	0.005	0.500	0.000	0.011	0.000	0.505	1.000	4.8.2 ✓
L28	17.25 - 12.25 (28)	0.005	0.514	0.000	0.011	0.000	0.519	1.000	4.8.2 ✓
L29	12.25 - 7.25 (29)	0.005	0.518	0.000	0.011	0.000	0.524	1.000	4.8.2 ✓
L30	7.25 - 3.5 (30)	0.006	0.531	0.000	0.011	0.000	0.537	1.000	4.8.2 ✓



Work Order: 1126-D0001-B

[illegible][illegible]

	B (in)	H (in)	Gross Area (in	Pole Face to Centroid (in)	Bottom Termination Length (in)	Termination Length (in)	$u$ (in)	Net Area (in	Bolt Hole Size (in)	Reinforcement Material
					n/a	n/a				

## TNX Geometry Input

Increment (ft):		<a href="#">Export to TNX</a>
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[illegible]

## TNX Section Forces

[illegible]

# Analysis Results

Elevation (ft)	Component Type	Size	Critical Element	% Capacity	Pass / Fail
130 - 125	Pole	TP17.36x16.26x0.22	Pole	7.8%	Pass
125 - 120	Pole	TP18.461x17.36x0.22	Pole	18.3%	Pass
120 - 115	Pole	TP19.561x18.461x0.22	Pole	28.1%	Pass
115 - 110	Pole	TP20.661x19.561x0.22	Pole	39.4%	Pass
110 - 105	Pole	TP21.761x20.661x0.22	Pole	49.4%	Pass
105 - 100	Pole	TP22.862x21.761x0.22	Pole	58.5%	Pass
100 - 95	Pole	TP23.962x22.862x0.22	Pole	71.0%	Pass
95 - 94	Pole	TP25.08x23.962x0.22	Pole	73.4%	Pass
94 - 89	Pole	TP24.842x23.742x0.31	Pole	57.1%	Pass
89 - 84	Pole	TP25.942x24.842x0.31	Pole	63.1%	Pass
84 - 79	Pole	TP27.042x25.942x0.31	Pole	68.7%	Pass
79 - 74	Pole	TP28.142x27.042x0.31	Pole	74.2%	Pass
74 - 69	Pole	TP29.242x28.142x0.31	Pole	79.5%	Pass
69 - 64	Pole	TP30.342x29.242x0.31	Pole	84.4%	Pass
64 - 60	Pole	TP31.222x30.342x0.31	Pole	88.1%	Pass
60 - 59.75	Pole + Reinf.	TP31.277x31.222x0.5975	Reinf. 1 Tension Rupture	73.7%	Pass
59.75 - 54.75	Pole + Reinf.	TP32.378x31.277x0.585	Reinf. 1 Tension Rupture	77.6%	Pass
54.75 - 50	Pole + Reinf.	TP34.56x32.378x0.5725	Reinf. 1 Tension Rupture	81.2%	Pass
50 - 43.83	Pole + Reinf.	TP34.16x32.803x0.6425	Reinf. 1 Tension Rupture	78.4%	Pass
43.83 - 40	Pole + Reinf.	TP35.002x34.16x0.63	Reinf. 1 Tension Rupture	80.5%	Pass
40 - 39.75	Pole	TP35.057x35.002x0.38	Pole	81.9%	Pass
39.75 - 34.75	Pole	TP36.157x35.057x0.38	Pole	84.4%	Pass
34.75 - 29.75	Pole	TP37.257x36.157x0.38	Pole	86.8%	Pass
29.75 - 24.75	Pole	TP38.356x37.257x0.38	Pole	89.0%	Pass
24.75 - 22.5	Pole	TP38.851x38.356x0.38	Pole	90.0%	Pass
22.5 - 22.25	Pole + Reinf.	TP38.906x38.851x0.68	Reinf. 2 Tension Rupture	74.4%	Pass
22.25 - 17.25	Pole + Reinf.	TP40.006x38.906x0.6675	Reinf. 2 Tension Rupture	76.3%	Pass
17.25 - 12.25	Pole + Reinf.	TP41.106x40.006x0.655	Reinf. 2 Tension Rupture	78.0%	Pass
12.25 - 7.25	Pole + Reinf.	TP42.205x41.106x0.655	Reinf. 2 Tension Rupture	79.6%	Pass
7.25 - 3.5	Pole + Reinf.	TP43.03x42.205x0.6425	Reinf. 2 Tension Rupture	80.8%	Pass
3.5 - 3.25	Pole + Reinf.	TP43.085x43.03x0.88	Reinf. 2 Tension Rupture	59.5%	Pass
3.25 - 3	Pole + Reinf.	TP43.14x43.085x0.88	Reinf. 2 Tension Rupture	59.6%	Pass
3 - 2.75	Pole + Reinf.	TP43.195x43.14x0.6175	Reinf. 3 Compression	75.8%	Pass
2.75 - 0	Pole + Reinf.	TP43.8x43.195x0.6175	Reinf. 3 Compression	76.6%	Pass
				Summary	
			Pole	90.0%	Pass
			Reinforcement	81.2%	Pass
			Overall	90.0%	Pass



## Additional Calculations

Section Elevation (ft)	Moment of Inertia (in			Area (in			% Capacity			
	Pole	Reinf.	Total	Pole	Reinf.	Total	Pole			
		n/a			n/a		7.8%			
		n/a			n/a		18.3%			
		n/a			n/a		28.1%			
		n/a			n/a		39.4%			
		n/a			n/a		49.4%			
		n/a			n/a		58.5%			
		n/a			n/a		71.0%			
		n/a			n/a		73.4%			
		n/a			n/a		57.1%			
		n/a			n/a		63.1%			
		n/a			n/a		68.7%			
		n/a			n/a		74.2%			
		n/a			n/a		79.5%			
		n/a			n/a		84.4%			
		n/a			n/a		88.1%			
							45.5%	73.7%		
							48.7%	77.6%		
							51.6%	81.2%		
							46.7%	78.4%		
							48.4%	80.5%		
		n/a			n/a		81.9%			
		n/a			n/a		84.4%			
		n/a			n/a		86.8%			
		n/a			n/a		89.0%			
		n/a			n/a		90.0%			
							50.2%		74.4%	
							52.0%		76.3%	
							53.8%		78.0%	
							55.6%		79.6%	
							56.9%		80.8%	
							42.0%		59.5%	53.6%
							42.1%		59.6%	53.6%
							59.5%			75.8%
							60.5%			76.6%

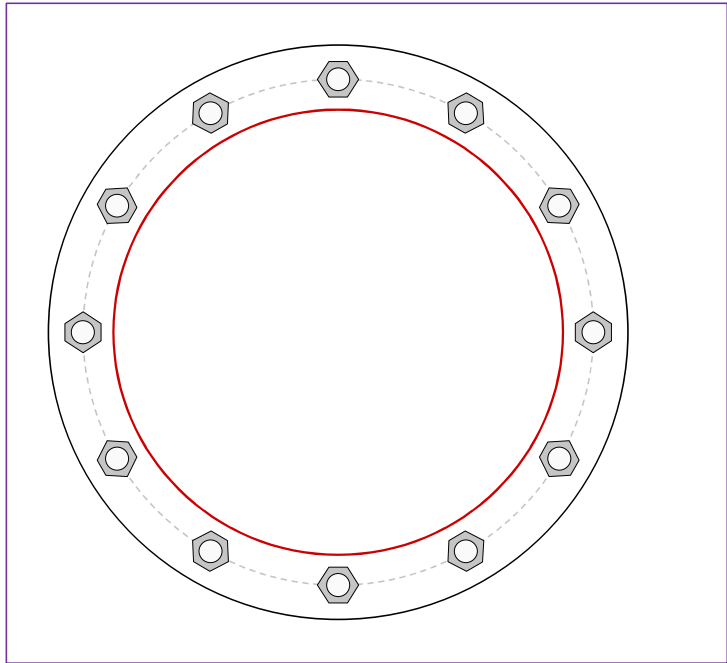
Note: Section capacity checked in 5 degree increments.

## Monopole Base Plate Connection

Site Info	
Site Name	Ridgefield CT

Analysis Considerations	
TIA-222 Revision	
Grout Considered:	Yes
$a_r$ (in)	0
Eta Factor, $\eta$	0.55

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



Connection Properties		Analysis Results	
<b>Anchor Rod Data</b>		<b>Anchor Rod Summary</b> <span style="float: right;">(units of kips, kip-in)</span>	
(12) 2-1/4" $\phi$ bolts (A615-75 X; $F_y=75$ ksi, $F_u=100$ ksi) on 49.75" BC		$P_{u\_t} = 243.36$	$\phi P_{n\_t} = 260$ <b>Stress Rating</b>
<b>Base Plate Data</b>		$V_u = 2.99$	$\phi V_n = n/a$
56.5" OD x 2.5" Plate (A572-60; $F_y=60$ ksi, $F_u=75$ ksi)		$M_u = n/a$	$\phi M_n = n/a$ <b>Pass</b>
<b>Stiffener Data</b>		<b>Base Plate Summary</b>	
		Max Stress (ksi):	(Flexural)
<b>Pole Data</b>		Allowable Stress (ksi):	
43.8" x 0.6175" 12-sided pole (A572-65; $F_y=65$ ksi, $F_u=80$ ksi)		Stress Rating:	<b>Pass</b>

## Drilled Pier Foundation

Site Name: Ridgefield CT

TIA-222 Revision:	G
Tower Type:	Monopole

Applied Loads		Comp.	Uplift
	Moment (kip-ft)	3068.347	
	Axial Force (kips)	37.68	
	Shear Force (kips)	35.88	

Material Properties	
Concrete Strength, f'c:	3 ksi
Rebar Strength, Fy:	60 ksi

Pier Design Data	
Depth	21 ft
Ext. Above Grade	0.5 ft
Pier Section 1	
From 0.5' above grade to 21' below grade	
Pier Diameter	6 ft
Rebar Quantity	26
Rebar Size	11
Clear Cover to Ties	3 in
Tie Size	4

Analysis Results			
Soil Lateral Check		Compression	Uplift
D <sub>v=0</sub> (ft from TOC)		5.96	-
Soil Safety Factor		2.52	-
Max Moment (kip-ft)		3318.02	-
Rating		52.8%	-
Soil Vertical Check		Compression	Uplift
Skin Friction (kips)		355.06	-
End Bearing (kips)		125.11	-
Weight of Concrete (kips)		109.42	-
Total Capacity (kips)		480.17	-
Axial (kips)		147.10	-
Rating		30.6%	-
Reinforced Concrete Check		Compression	Uplift
Critical Depth (ft from TOC)		5.92	-
Critical Moment (kip-ft)		3318.01	-
Critical Moment Capacity		5191.46	-
Rating		63.9%	-
Soil Interaction Rating		52.8%	
Structural Foundation Rating		63.9%	

Soil Profile		
Groundwater Depth	n/a	
		# of Layers
		3

Layer	Top (ft)	Bottom (ft)	Thickness (ft)	$\gamma_{soil}$ (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	3	3	115	150			0.000	0.000					Cohesionless
2	3	8	5	115	150		38	0.748	0.748				30	Cohesionless
3	8	21	13	115	150		45	1.644	1.644			5.9	30	Cohesionless

Ridgefield CT

Location

	Decimal Degrees	Deg	Min	Sec
Lat:				
Long:				

Code and Site Parameters

Seismic Design Code:   
Site Soil:  Stiff Soil (Default)  
Risk Category:

USGS Seismic Reference  g  
 g

Seismic Design Category Determination

Importance Factor,  $I_e$    
Acceleration-based site coefficient,  $F_a$    
Velocity-based site coefficient,  $F_v$    
Design spectral response acceleration short period,  $S$   g  
Design spectral response acceleration 1 s period,  $S$   g  
Seismic Design Category Based on  $S$    
Seismic Design Category Based on  $S$    
Seismic Design Category Based on  $S$    
Controlling Seismic Design Category:

Ridgefield CT

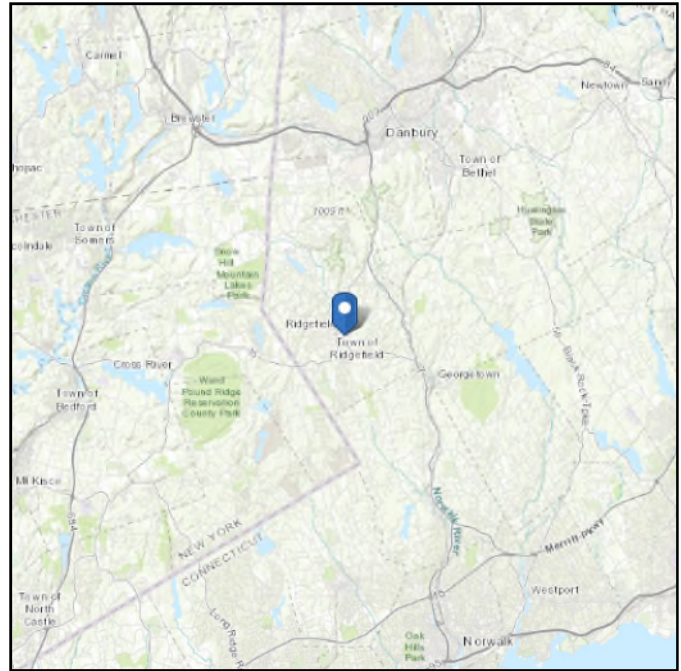
Tower Details		
Tower Type:	Tapered Monopole	
Height, h:		ft
Effective Seismic Weight, W:		kips
Amplification Factor, $A_s$		
Seismic Base Shear		
Response Modification Factor, R:		
Discrete Appurtenance Weight in Top 1/3 of Structure, $W_u$		kips
		kips
		ksi
g:		in/s
Average Moment of Inertia, $I_{avg}$		in
		hz
Approximate Fundamental Period Monopole, T		s
Equivalent Modal Spectral Response Acceleration, S		
Primary Seismic Base Shear, $V_s$		kips
Alternative Seismic Base Shear, $V_{sa}$		kips
Alternative Seismic Base Shear Min 1, $V_{samin1}$		kips
Alternative Seismic Base Shear Min 2, $V_{samin2}$		kips
Seismic Base Shear, V		kips

# ASCE 7 Hazards Report

**Address:**  
No Address at This  
Location

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

**Elevation:** 746.05 ft (NAVD 88)  
**Latitude:** 41.280917  
**Longitude:** -73.492889



## Wind

### Results:

Wind Speed:	125 Vmph per Fairfield County Requirements
10-year MRI	76 Vmph
25-year MRI	85 Vmph
50-year MRI	90 Vmph
100-year MRI	96 Vmph

**Date Accessed:** 7/24/2021  
**Source:** ASCE/SEI 7-10 Fig. 26.5-1A and Figs. CC-1–CC-4, and Section 26.5.2, incorporating errata of March 12, 2014

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).

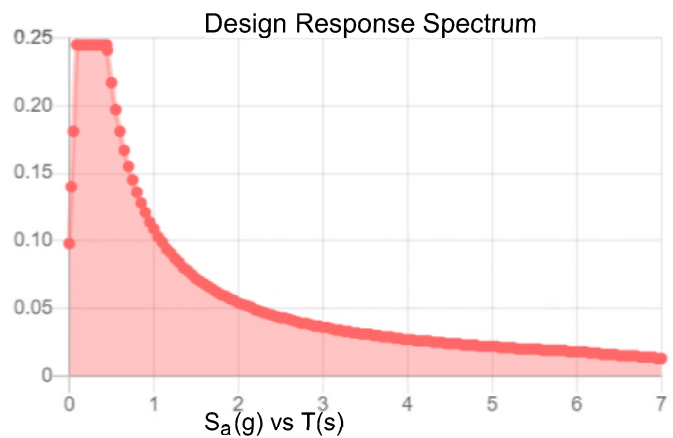
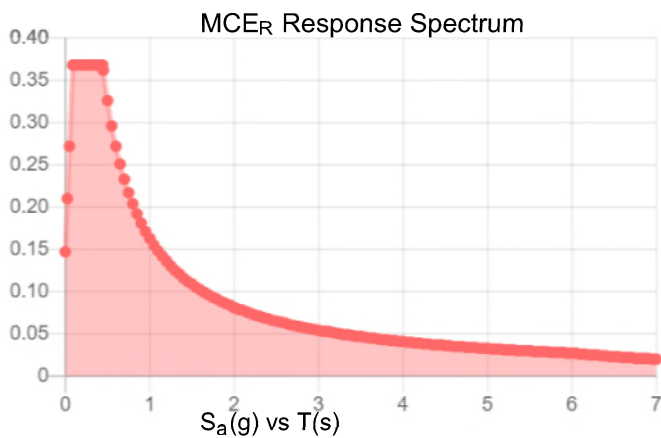
Site is in a hurricane-prone region as defined in ASCE/SEI 7-10 Section 26.2. Glazed openings need not be protected against wind-borne debris.

**Site Soil Class:** D - Stiff Soil

**Results:**

$S_S$ :	0.23	$S_{DS}$ :	0.245
$S_1$ :	0.068	$S_{D1}$ :	0.109
$F_a$ :	1.6	$T_L$ :	6
$F_v$ :	2.4	PGA :	0.129
$S_{MS}$ :	0.368	$PGA_M$ :	0.199
$S_{M1}$ :	0.163	$F_{PGA}$ :	1.542
		$I_e$ :	1

**Seismic Design Category** B



**Data Accessed:**

Tue Aug 24 2021

**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.

**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:** Tue Aug 24 2021

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.

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## PLANS PREPARED FOR:



PLANS PREPARED BY: ■



# FROM ZERO TO INFINITY

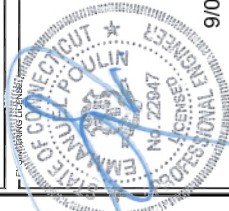
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JOB NUMBER 1126-DCCC01-C

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9/03/21

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[illegible]

RIDGEFIELD CT

SITE ADDRESS:

76 EAST RIDGE AVE  
RIDGEFIELD, CT 06877

SHEET DESCRIPTION: -

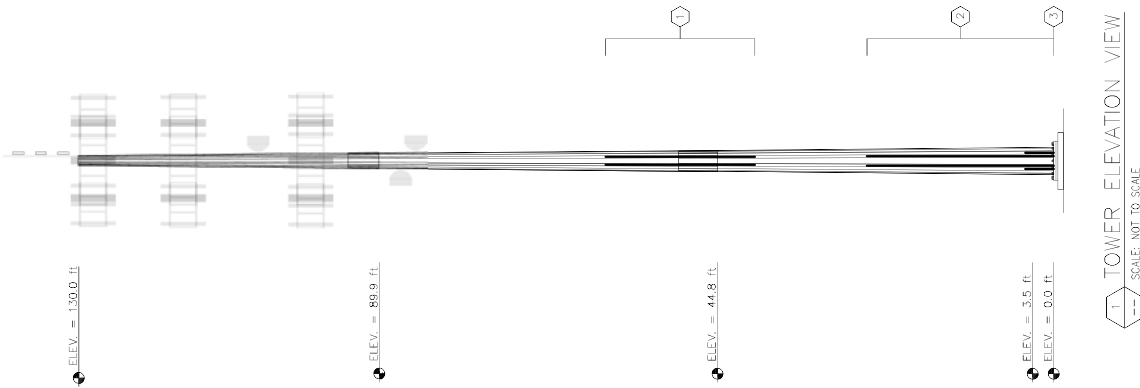
## TOWER MODIFICATIONS

**SHEET NUMBER**

S-2

TOWER MODIFICATION SCHEDULE			SHEET
	ELEVATION	DESCRIPTION	
①	62.0' - 38.0'	INSTALL NEW RP-1 FLAT PLATE REINFORCEMENT	S-3
②	25.25 - 0.25'	INSTALL NEW RP-2 FLAT PLATE REINFORCEMENT	S-4
③	0'	INSTALL NEW SP-1 STIFFENERS	S-4

MODIFICATIONS ARE BASED ON STRUCTURAL ANALYSIS  
PERFORMED BY INFINGY ENGINEERING DATED 08/27/2021



PLANS PREPARED BY: 

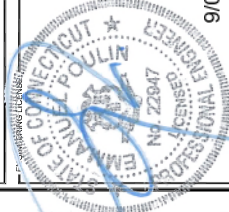
PLANS PREPARED BY:

# INFINITY2

FROM ZERO TO INFINITY  
the solutions are endless

INFINITY ENGINEERING, PLLC  
1033 Watervliet Shaker Rd | Albany, NY 12202  
Phone: 518-690-0790 | Fax: 518-690-0793  
[www.infinity.com](http://www.infinity.com)

300 MANHATTAN 1728-30001-C



9/03/21

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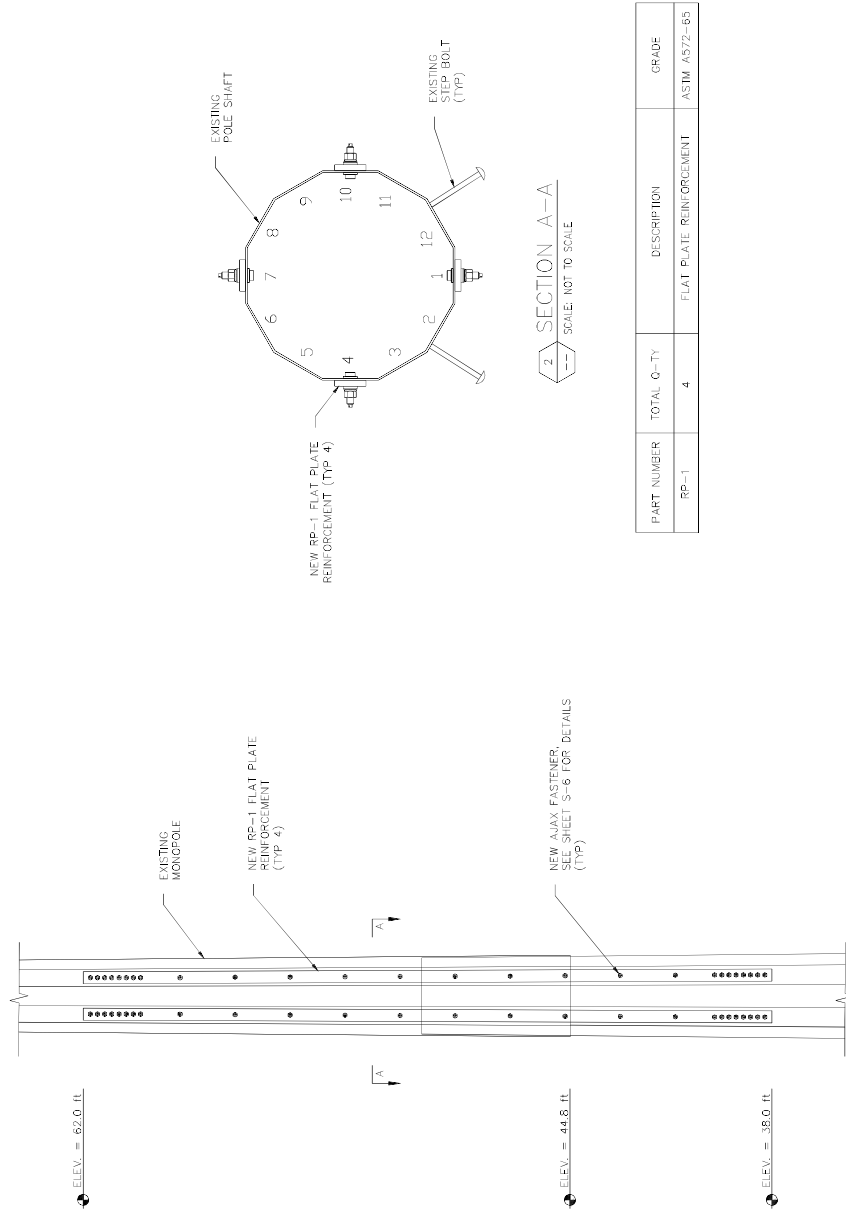
REVISIONS	DESCRIPTION	DATE	BY	REVIEW
	ISSUED FOR REVIEW	09/02/21	WJ	0

RIDGEFIELD CT

SITE ADDRESS: 76 EAST RIDGE AVE  
RIDGEFIELD, CT 06877

**TOWER  
MODIFICATIONS**

S-3



ELEVATION VIEW

SCALE: NOT TO SCALE

SECTION A-A  
SCALE: NOT TO SCALE







PLANS PREPARED BY: ■

PLANS PREPARED BY: **INFINIGY**

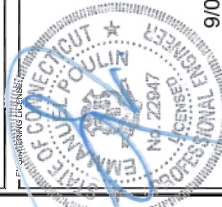
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the solutions are endless

**INFINIGY ENGINEERING, PLLC**  
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Phone: 518-690-0790 | Fax: 518-690-0793  
www.infinigy.com

JOB NUMBER 1126-00001-C

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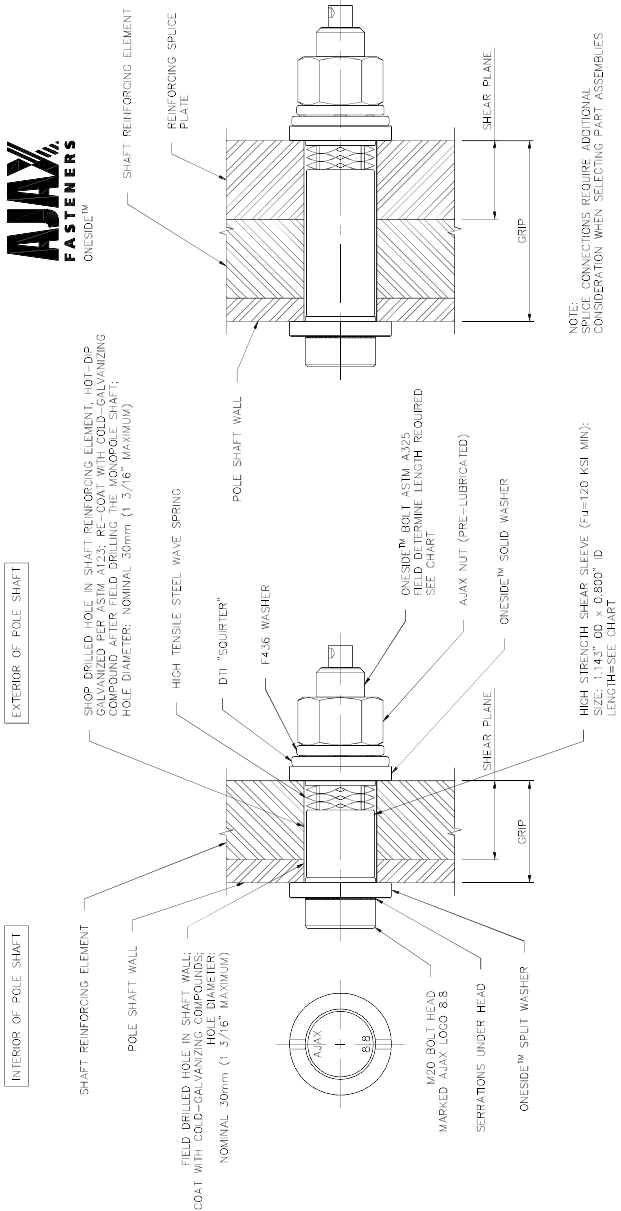
REVISIONS	DATE	BY	RE
DESCRIPTION			
ISSUED FOR REVIEW	09/02/21	MA	0

RIDGEFIELD CT

— SITE ADDRESS: —  
76 EAST RIDGE AVE  
RIDGEFIELD, CT 06877

DESCRIPTION: **TOWER  
MODIFICATIONS**

S-6



**NOTE:**  
SPICE CONNECTIONS REQUIRE ADDITIONAL  
CONSIDERATION WHEN SELECTING PART ASSEMBLIES

HIGH STRENGTH SHEAR SLEEVE ( $F_u=120$  KSI MIN):  
SIZE: 1.143" OD x 0.800" ID  
LENGTH=SEE CHART

**BOLT ASSEMBLY AND INSTALLATION:**

1. BOLT MUST BE PURCHASED PRE-ASSEMBLED.
2. FOLLOW BOLT AND DTI MANUFACTURER'S INSTRUCTIONS FOR INSTALLATION.

**INSPECTION 1**

1. A MINIMUM OF 4 OUT OF 5 SQUIPTEST DTI PROTRUSIONS SHALL BE ENGAGED IN ANY ALUM/DTI BOLT ASSEMBLY IN THE PENETRATING MEMBERS. A FEELER GAGE MAY BE USED TO VERIFY PROTRUSION COMPRESSION.
2. INSPECTIONS SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S REQUIREMENTS.

## AJAX ONESIDE™ BOLT DETAIL

CODE	SIZE	COLOR	SLEEVE LENGTH	GRIP	GRIP IMP.
CSBA20.85-6	M20 x 65	ORANGE	6.0 (2.36")	12.5 / 20.0	0.500" / 0.787"
CSBA20.95-14	M20 x 95	BLACK	14.0 (5.51")	20.0 / 32.0	0.787" / 1.259"
CSBA20.95-22	M20 x 95	GREEN	22.0 (8.66")	30.0 / 50.0	1.181" / 1.968"
CSBA20.95-30	M20 x 95	YELLOW	30.0 (11.81")	40.5 / 50.0	1.595" / 1.968"
CSBA20.135-39	M20 x 135	BLUE	39.0 (1.535")	49.0 / 77.0	1.929" / 3.031"
CSBA20.135-48	M20 x 135	BROWN	48.0 (1.889")	60.5 / 77.0	2.375" / 3.031"
CSBA20.135-57	M20 x 135	PURPLE	57.0 (2.244")	67.0 / 90.0	2.637" / 3.543"
CSBA20.185-76	M20 x 65	RED	76.0 (3.000")	87.0 / 120.0	3.425" / 4.724"
CSBA20.250	M20 x 250	SILVER	MTD	121.0 / 211.0	724" / 8.310"

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Maser Consulting Connecticut  
2000 Midlantic Drive, Suite 100  
Mt. Laurel, NJ 08054  
(856) 797-0412  
peter.albano@colliersengineering.com

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## Post-Mod Antenna Mount Analysis Report and PMI Requirements

Mount Fix

SMART Tool Project #: 10076918  
Maser Consulting Connecticut Project #: 21777243A

June 25, 2021

### Site Information

Site ID: 468697-VZW / RIDGEFIELD CT  
Site Name: RIDGEFIELD CT  
Carrier Name: Verizon Wireless  
Address: 76 East Ridge Ave  
Ridgefield, Connecticut 06877  
Fairfield County  
Latitude: 41.280917°  
Longitude: -73.492889°

### Structure Information

Tower Type: 130-Ft Monopole  
Mount Type: 12.83-Ft Platform

FUZE ID # 16272197

### Analysis Results

Platform: 88.9% 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: Zachary Bandilla



## **Executive Summary:**

The objective of this report is to summarize the analysis results of the antenna support mount including the proposed modifications at the subject facility for the final wireless telecommunications configuration, per the applicable codes and standards.

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: 324770, dated March 4, 2021
Mount Mapping Report	Roaming Networks Inc., Site ID: 468697, dated April 2, 2021
Construction Drawings	Infinigy Engineers, PLLC, Site Name: RIDGEFIELD CT, dated March 16, 2021
Previous Mount Analysis	Maser Consulting, Project #: 21777243A, Dated June 4, 2021
Mount Modification Drawings	Maser Consulting, Project #: 21777243A, Dated June 24, 2021

## **Analysis Criteria:**

Codes and Standards:	ANSI/TIA-222-H
Wind Parameters:	Basic Wind Speed (Ultimate 3-sec. Gust), $V_{ULT}$ : 115 mph Ice Wind Speed (3-sec. Gust): 50 mph Design Ice Thickness: 1.00 in Risk Category: II Exposure Category: B Topographic Category: 1 Topographic Feature Considered: N/A Topographic Method: N/A Ground Elevation Factor, $K_e$ : 0.973
Seismic Parameters:	$S_s$ : 0.243 $S_1$ : 0.057
Maintenance Parameters:	Wind Speed (3-sec. Gust): 30 mph Maintenance Live Load, $L_v$ : 250 lbs. Maintenance Live Load, $L_m$ : 500 lbs.
Analysis Software:	RISA-3D (V17)



### **Final Loading Configuration:**

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

Mount Elevation (ft)	Equipment Elevation (ft)	Quantity	Manufacturer	Model	Status
125.50	128.00	6	Commscope	JAHH-65B-R3B	Added
		3	Samsung	MT6407-77A	
		3	Antel	BXA-80080/4CF FP	
		3	Samsung	XXDWMM-12.5-65-8T-CBRS	Retained
		3	Commscope	CBC78T-DS-43-2X	
		3	Samsung	B2/B66A RRH-BR049	
		3	Samsung	B5/B13 RRH-BR04C	
		2	Raycap	RRFDC-3315-PF-48	

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

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

### **Standard Conditions:**

1. All engineering services are performed on the basis that the information provided to 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
8. Any mount modifications listed under Sources of Information are assumed to have been installed per the design specifications.

**Discrepancies between in-field conditions and the assumptions listed above may render this analysis invalid unless explicitly approved by Maser Consulting Connecticut.**

### **Analysis Results:**

<b>Component</b>	<b>Utilization %</b>	<b>Pass/Fail</b>
<i>Standoff</i>	23.7 %	<i>Pass</i>
<i>Corner Plate</i>	42.4 %	<i>Pass</i>
<i>Face Horizontal Channel</i>	28.1 %	<i>Pass</i>
<i>Corner Pipe</i>	25.2 %	<i>Pass</i>
<i>Corner Pipe Plate</i>	83.4 %	<i>Pass</i>
<i>Face Horizontal Angles</i>	88.9 %	<i>Pass</i>
<i>Face Vertical</i>	54.9 %	<i>Pass</i>
<i>Platform Channel</i>	8.8 %	<i>Pass</i>
<i>Platform Angle</i>	9.9 %	<i>Pass</i>
<i>Kicker</i>	19.0 %	<i>Pass</i>
<i>Threaded Rod</i>	43.6 %	<i>Pass</i>
<i>Mount Pipe</i>	18.6 %	<i>Pass</i>
<i>Platform Member Plates</i>	5.9 %	<i>Pass</i>
<i>Secondary Horizontal</i>	26.4 %	<i>Pass</i>
<i>V-Brace</i>	5.3 %	<i>Pass</i>
<i>Connection Check</i>	34.7 %	<i>Pass</i>

<b>Structure Rating – (Controlling Utilization of all Components)</b>	<b>88.9%</b>
---	--------------

### **Recommendation:**

The existing mount will be **SUFFICIENT** for the final loading after the proposed modifications are successfully completed.

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 PMI Report Deliverables**
5. Antenna Placement Diagrams





**PAUL J. FORD  
& COMPANY**

## Antenna Mount Mapping Form (PATENT PENDING)

FCC #

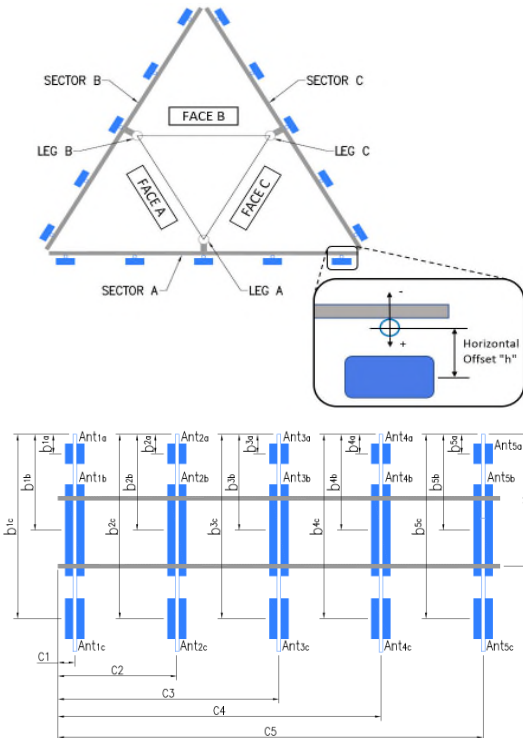
N/A

Tower Owner:	Unknown	Mapping Date:	4.2.2021.
Site Name:	VZW: RIDGEFIELD CT	Tower Type:	Monopole
Site Number or ID:	468697	Tower Height (Ft.):	N/A
Mapping Contractor:	Roaming Networks Inc.	Mount Elevation (Ft.):	129.92

This antenna mapping form is the property of TES and under **PATENT PENDING**. The formation contained herein is considered confidential in nature and is to be used only for the specific customer it was intended for. Reproduction, transmission, publication, modification or disclosure by any method is prohibited except by express written permission of TES. All means and methods are the responsibility of the contractor and the work shall be compliant with ANSI/ASSE A 10.48, OSHA, FCC, FAA and other safety requirements that may apply. TES is not warranting the usability of the safety climb as it must be assessed prior to each use in compliance with OSHA requirements.

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				C1			
A2				C2			
A3				C3			
A4				C4			
A5				C5			
A6				C6			
B1				D1			
B2				D2			
B3				D3			
B4				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.:							0.00
Distance from top of bottom support rail to lowest tip of ant./eqpt. of Carrier above. (N/A if > 10 ft.):							
Distance from top of bottom support rail to highest tip of ant./eqpt. of Carrier below. (N/A if > 10 ft.):							
Please enter additional information or comments below.							
Tower Face Width at Mount Elev. (ft.):			Tower Leg Size or Pole Shaft Diameter at Mount Elev. (in.):			17.28	

Ants. Items	Enter antenna model. If not labeled, enter "Unknown".						Mounting Locations [Units are inches and degrees]			Photos of antennas
	Antenna Models if Known	Width (in.)	Depth (in.)	Height (in.)	Coax Size and Qty	Antenna Center-line (Ft.)	Vertical Distances "b <sub>1a</sub> , b <sub>2a</sub> , b <sub>3a</sub> , b <sub>1b</sub> ,..." (Inches)	Horiz. Offset "h" (Use "-" if Ant. is behind)	Antenna Azimuth (Degrees)	Photo Numbers
Sector A										
Ant <sub>1a</sub>										
Ant <sub>1b</sub>										
Ant <sub>1c</sub>										
Ant <sub>2a</sub>										
Ant <sub>2b</sub>										
Ant <sub>2c</sub>										
Ant <sub>3a</sub>										
Ant <sub>3b</sub>										
Ant <sub>3c</sub>										
Ant <sub>4a</sub>										
Ant <sub>4b</sub>										
Ant <sub>4c</sub>										
Ant <sub>5a</sub>										
Ant <sub>5b</sub>										
Ant <sub>5c</sub>										
Ant on Standoff										
Ant on Standoff										
Ant on Tower										
Ant on Tower										



**Antenna Layout (Looking Out From Tower)**

Mount Azimuth (Degree) for Each Sector				Tower Leg Azimuth (Degree) for Each Sector				Sector B									
Sector A:	37.00	Deg	Leg A:		Deg			Ant <sub>1a</sub>									
Sector B:	148.00	Deg	Leg B:		Deg			Ant <sub>1b</sub>									
Sector C:	269.00	Deg	Leg C:		Deg			Ant <sub>1c</sub>									
Sector D:		Deg	Leg D:		Deg			Ant <sub>2a</sub>									
								Ant <sub>2b</sub>									
								Ant <sub>2c</sub>									
								Ant <sub>3a</sub>									
								Ant <sub>3b</sub>									
								Ant <sub>3c</sub>									
								Ant <sub>4a</sub>									
								Ant <sub>4b</sub>									
								Ant <sub>4c</sub>									
								Ant <sub>5a</sub>									
								Ant <sub>5b</sub>									
								Ant <sub>5c</sub>									
								Ant on Standoff									
								Ant on Standoff									
								Ant on Tower									
								Ant on Tower									
Sector C																	
								Ant <sub>1a</sub>									
								Ant <sub>1b</sub>									
								Ant <sub>1c</sub>									
								Ant <sub>2a</sub>									
								Ant <sub>2b</sub>									
								Ant <sub>2c</sub>									
								Ant <sub>3a</sub>									
								Ant <sub>3b</sub>									
								Ant <sub>3c</sub>									
								Ant <sub>4a</sub>									
								Ant <sub>4b</sub>									
								Ant <sub>4c</sub>									
								Ant <sub>5a</sub>									
								Ant <sub>5b</sub>									
								Ant <sub>5c</sub>									
								Ant on Standoff	(2)RRFDC-3315-PF-48	15.73	10.30	28.93					
								Ant on Standoff									
								Ant on Standoff									
								Ant on Tower									
								Ant on Tower									
Sector D																	
								Ant <sub>1a</sub>									
								Ant <sub>1b</sub>									
								Ant <sub>1c</sub>									
								Ant <sub>2a</sub>									
								Ant <sub>2b</sub>									
								Ant <sub>2c</sub>									
								Ant <sub>3a</sub>									
								Ant <sub>3b</sub>									
								Ant <sub>3c</sub>									
								Ant <sub>4a</sub>									
								Ant <sub>4b</sub>									
								Ant <sub>4c</sub>									
								Ant <sub>5a</sub>									
								Ant <sub>5b</sub>									
								Ant <sub>5c</sub>									
								Ant on Standoff									
								Ant on Standoff									
								Ant on Tower									
								Ant on Tower									

TIP OF EQUIPMENT

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

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

FOR PLATFORMS

TIP OF EQUIPMENT

DISTANCE FROM TOP OF BOTTOM SUPPORT RAIL TO LOWEST TIP OF ANT./EQPT. OF CARRIER ABOVE (N/A IF > 10 FT.)

DISTANCE FROM TOP OF BOTTOM SUPPORT RAIL TO LOWEST TIP OF ANT./EQPT. OF CARRIER BELOW (N/A IF > 10 FT.)

TIP OF EQUIPMENT

EXISTING PLATFORM

EXISTING SECTOR FRAME MOUNT

TIP OF EQUIPMENT

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

1		
2		
3		
4		
5		
6		
7		
8		

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

				Enter antenna model. If not labeled, enter "Unknown".				Mounting Locations [Units are inches and degrees]			Photos of antennas
Sector / Position	Mount Pipe Size & Length	Vertical Offset Dimension "u"	Horizontal Offset "C1, C2, C3, etc."	Antenna Models if Known	Width (in.)	Depth (in.)	Height (in.)	Vertical Distance s" b <sub>1a</sub> , b <sub>2a</sub> , b <sub>3a</sub> , b <sub>1b</sub> ,...." (Inches)	Horiz. Offset "h" (Use "-" if Ant. is behind)	Antenna Azimuth (Degrees )	Photo Numbers
A1	PIPE 2.39"Ø x0.15"x96"	61.00	0.00	RT4401-48 A	11.40	5.50	16.20	37.5	10		11,12
A1											
A2	PIPE 2.38"Ø x0.17"x71.5"	62.50	36.00	QUAD656C0000G	20.50	7.20	74.40	34	7.5	37	13,14
A2											
A3	PIPE 2.58"Ø x0.15"x44"	45.50	63.00	CBC78T-DS-43-2X	6.93	9.65	6.38	27			4,5,6
A3											
A4	PIPE 2.38"Ø x0.15"x72"	62.00	82.00	SBNHH-1D85B	11.90	7.10	72.90	35	9	37	7,9
A4				RFV01U-D2A	10.30	15.88	15.49	36.5			8,10
A5	PIPE 2.38"Ø x0.15"x72"	62.50	125.00	SBNHH-1D85B	11.90	7.10	72.90	34.5	8.5	37	15,18
A5				RFV01U-D1A	10.30	15.88	15.49	36.5			16,17
A6	PIPE 2.34"Ø x0.18"x59"	50.00	159.00	BXA-80080-4CF-EDIN	8.00	5.90	47.50	29	11.5	37	19,20
A6											
A7	PIPE 3.0"Ø x0.25"x45"			Unknown							
A7											
A8											
A8											
B1	PIPE 2.39"Ø x0.15"x96"	61.00	0.00	RT4401-48 A	11.40	5.50	16.20	37.5	10		11,12
B1											
B2	PIPE 2.38"Ø x0.17"x71.5"	62.50	36.00	QUAD656C0000G	20.50	7.20	74.40	34	7.5	148	13,14
B2											
B3	PIPE 2.58"Ø x0.15"x44"	45.50	63.00	CBC78T-DS-43-2X	6.93	9.65	6.38	27			4,5,6
B3											
B4	PIPE 2.38"Ø x0.15"x72"	62.00	82.00	SBNHH-1D85B	11.90	7.10	72.90	35	9	148	7,9
B4											
B5	PIPE 2.58"Ø x0.15"x44"	45.50	92.00	RFV01U-D2A	10.30	15.88	15.49	36.5			362,363
B5											
B6	PIPE 2.38"Ø x0.15"x72"	62.50	125.00	SBNHH-1D85B	11.90	7.10	72.90	34.5	8.5	148	15,18
B6				RFV01U-D1A	10.30	15.88	15.49	36.5			16,17
B7	PIPE 2.34"Ø x0.18"x59"	50.00	159.00	BXA-80080-4CF-EDIN	8.00	5.90	47.50	29	11.5	148	19,20
B7											
A8											
A8											
C1	PIPE 2.39"Ø x0.15"x96"	61.00	0.00	RT4401-48 A	11.40	5.50	16.20	37.5	10		11,12
C1											
C2	PIPE 2.38"Ø x0.17"x71.5"	62.50	36.00	QUAD656C0000G	20.50	7.20	74.40	34	7.5	269	13,14
C2											
C3	PIPE 2.58"Ø x0.15"x44"	45.50	63.00	CBC78T-DS-43-2X	6.93	9.65	6.38	27			4,5,6
C3											
C4	PIPE 2.38"Ø x0.15"x72"	62.00	82.00	SBNHH-1D85B	11.90	7.10	72.90	35	9	269	7,9
C4				RFV01U-D2A	10.30	15.88	15.49	36.5			8,10
C5	PIPE 2.38"Ø x0.15"x72"	62.50	125.00	SBNHH-1D85B	11.90	7.10	72.90	34.5	8.5	269	15,18
C5				RFV01U-D1A	10.30	15.88	15.49	36.5			16,17
C6	PIPE 2.34"Ø x0.18"x59"	50.00	159.00	BXA-80080-4CF-EDIN	8.00	5.90	47.50	29	11.5	269	19,20
C6											
C7	PIPE 1.68"Ø x0.16"x45"			Unknown							
C5											
C5											
C6											
C6											
C7											
C7											



## Antenna Mount Mapping Form (PATENT PENDING)

FCC #

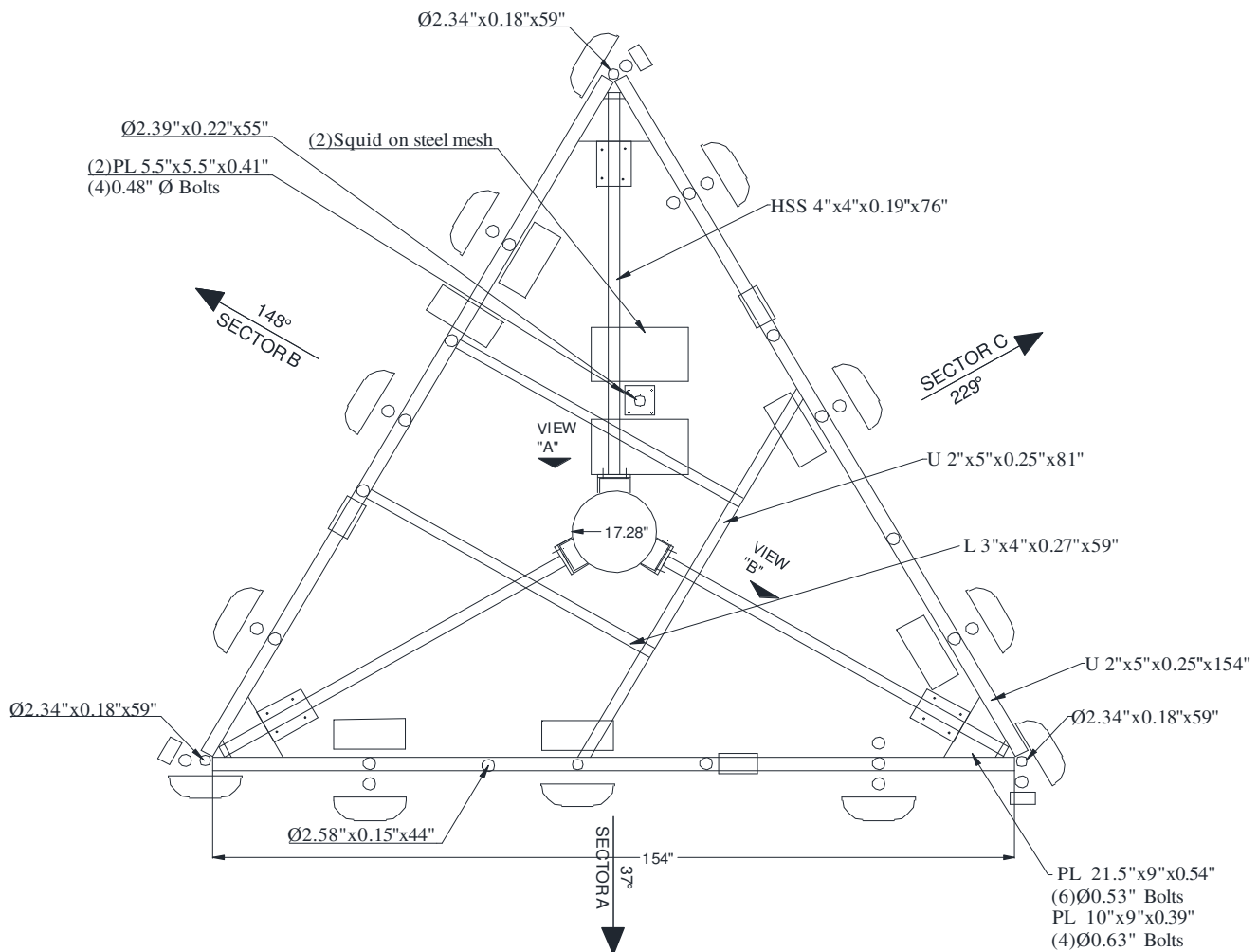
N/A

**PAUL J. FORD  
& COMPANY**

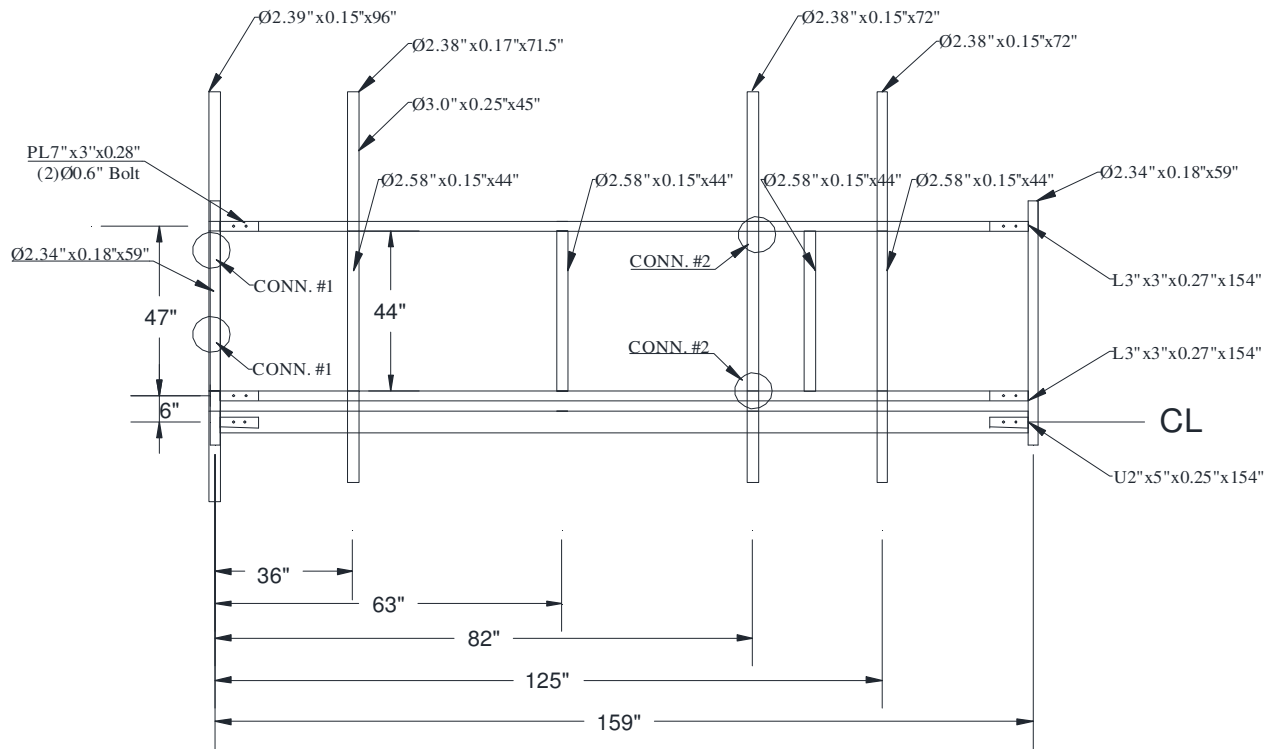
Tower Owner:	Unknown	Mapping Date:	4.2.2021.
Site Name:	VZW: RIDGEFIELD CT	Tower Type:	Monopole
Site Number or ID:	468697	Tower Height (FL):	N/A
Mapping Contractor:	Roaming Networks Inc.	Mount Elevation (FL):	129.92

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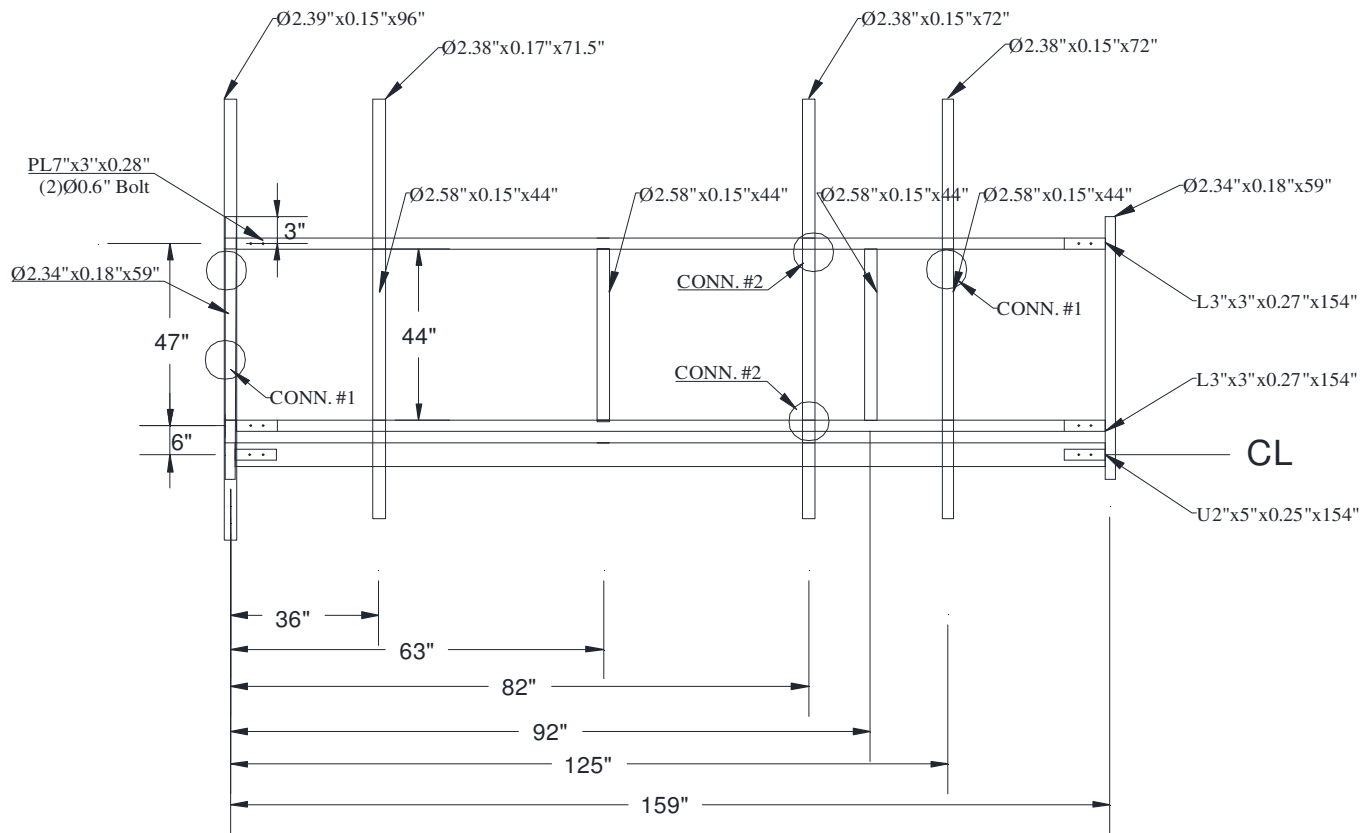
## Please Insert Sketches of the Antenna Mount



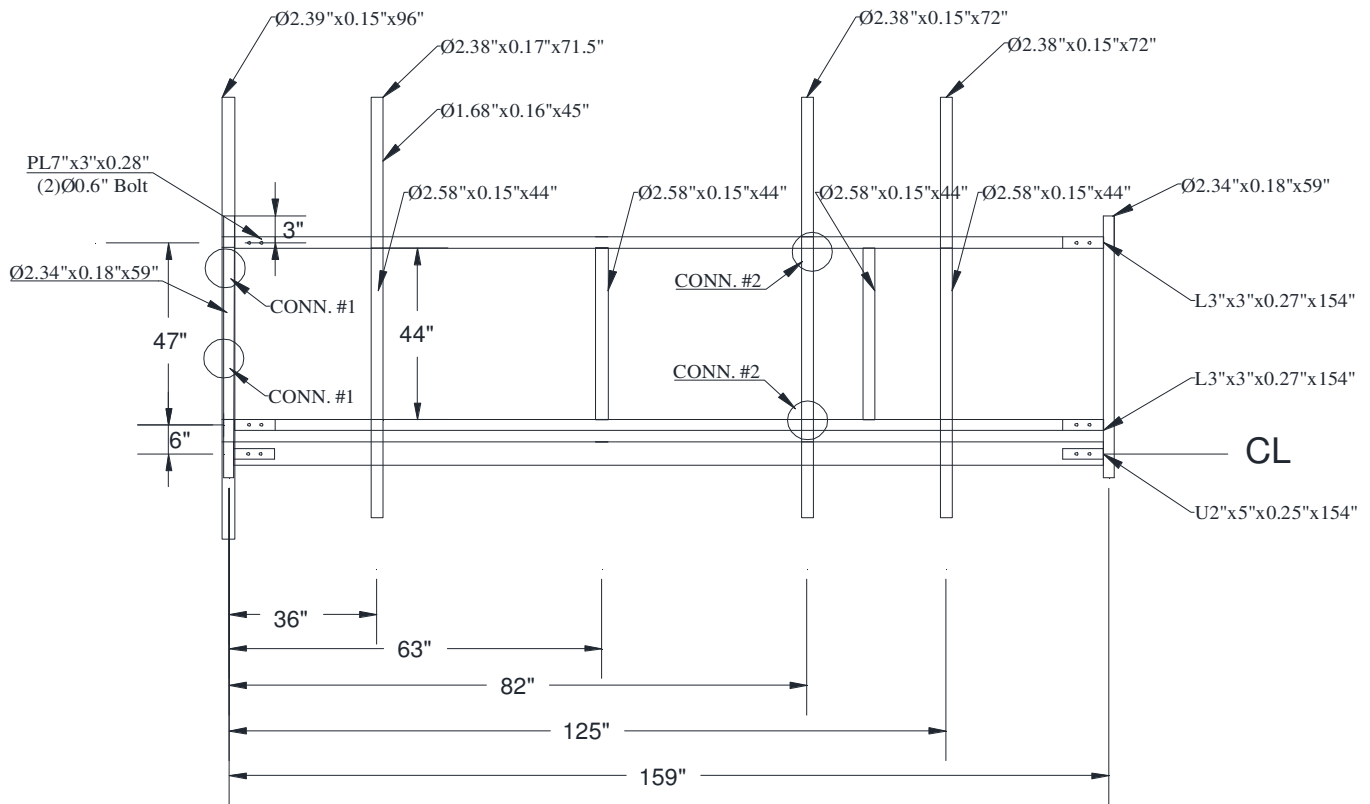
Overall Mount Schematic



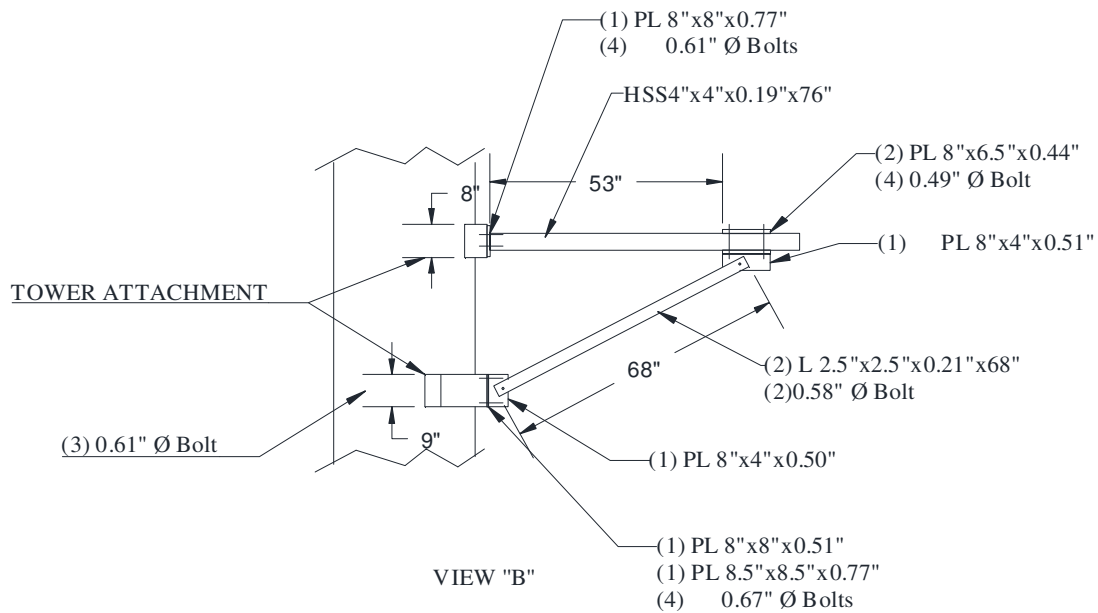
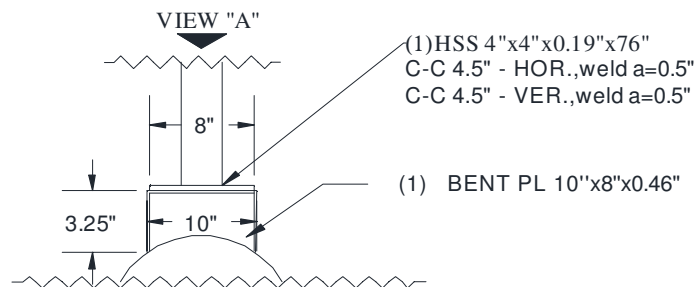
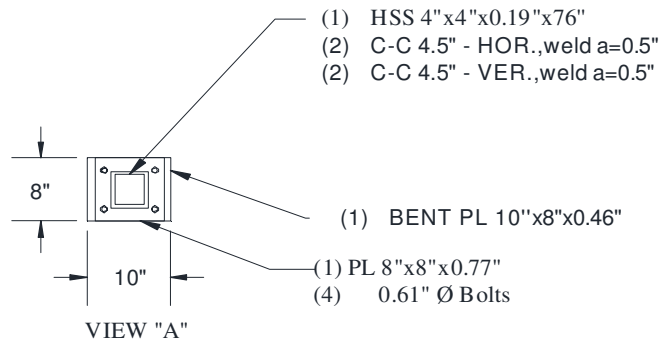
SECTOR A



SECTOR B



SECTOR C



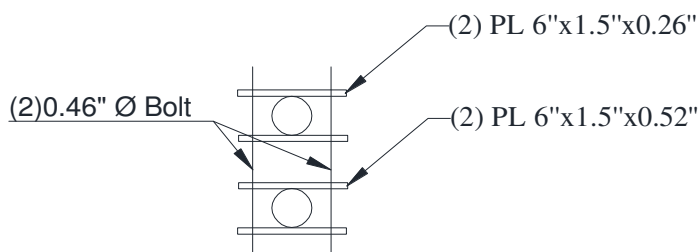
## Antenna Mount Mapping Form (PATENT PENDING)

**PJF** PAUL J. FORD  
& COMPANY

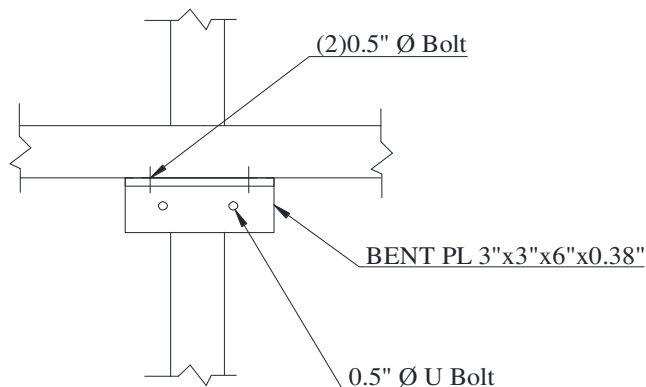
Tower Owner:	Unknown	Mapping Date:	4.2.2021.
Site Name:	VZW: RIDGEFIELD CT	Tower Type:	Monopole
Site Number or ID:	468697	Tower Height (FL):	N/A
Mapping Contractor:	Roaming Networks Inc.	Mount Elevation (FL):	129.92

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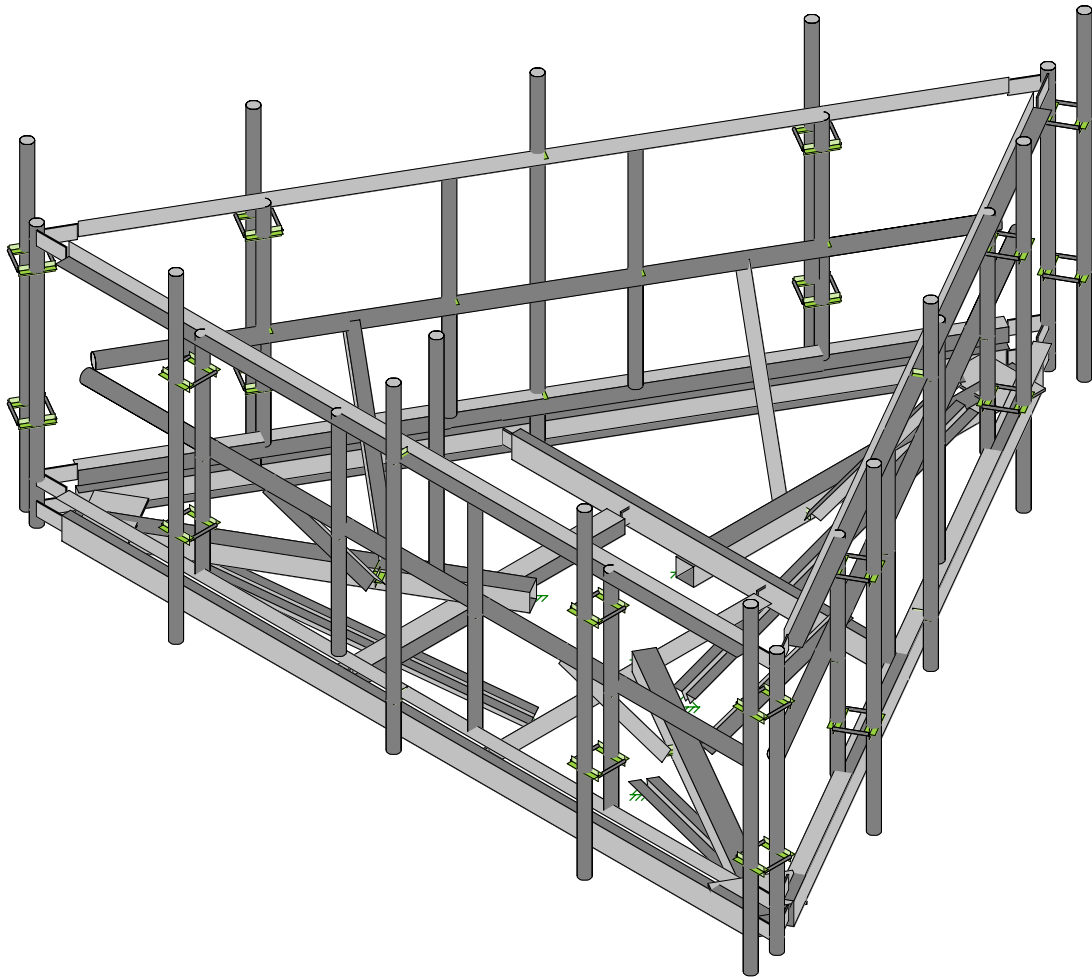
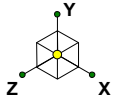
Please Insert Sketches of the Antenna Mount



CONNECTION #1



CONNECTION #2



Envelope Only Solution

Maser Consulting

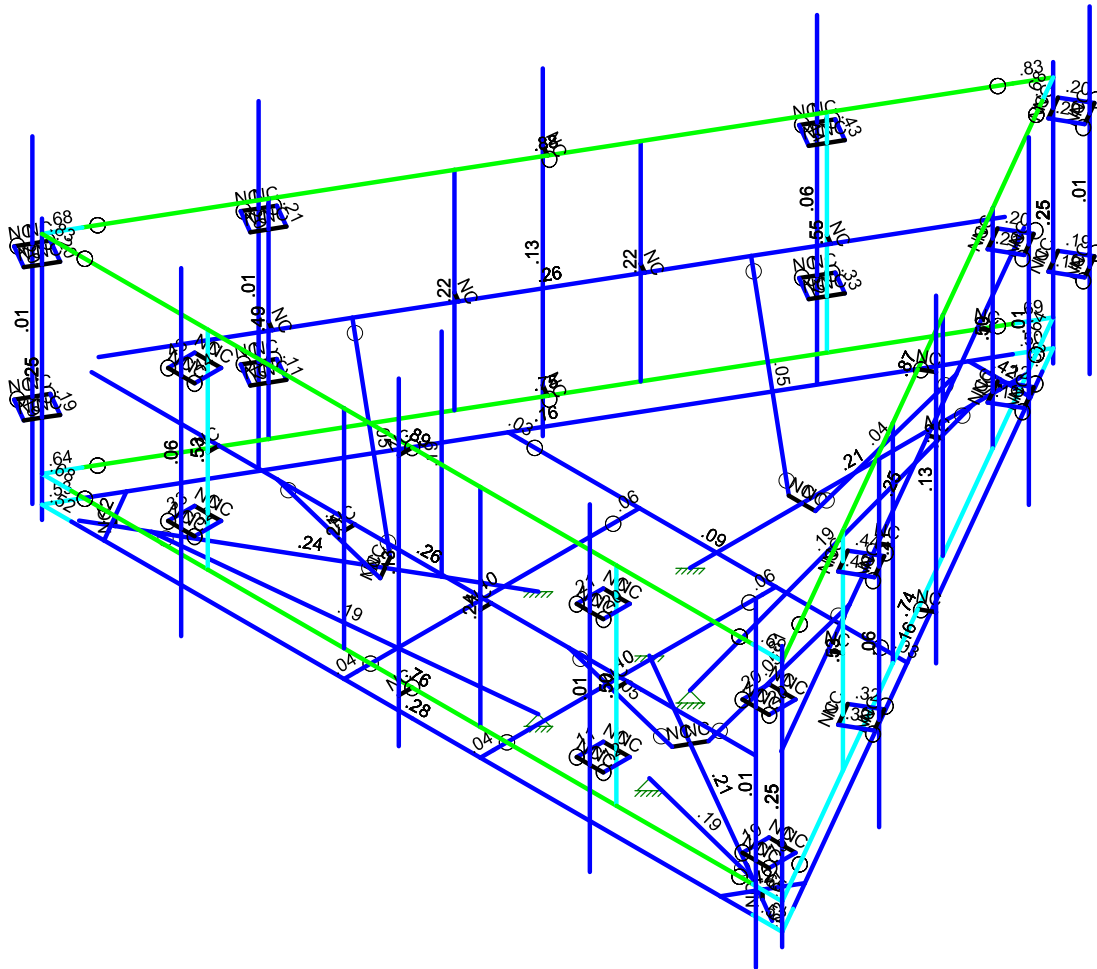
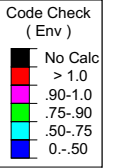
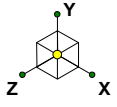
AJH

468697-VZW\_MT\_LO\_H

SK - 1

June 22, 2021 at 9:35 AM

Option 2 - 468697-VZW\_MT\_LO\_...



Member Code Checks Displayed (Enveloped)  
Envelope Only Solution

Maser Consulting

AJH

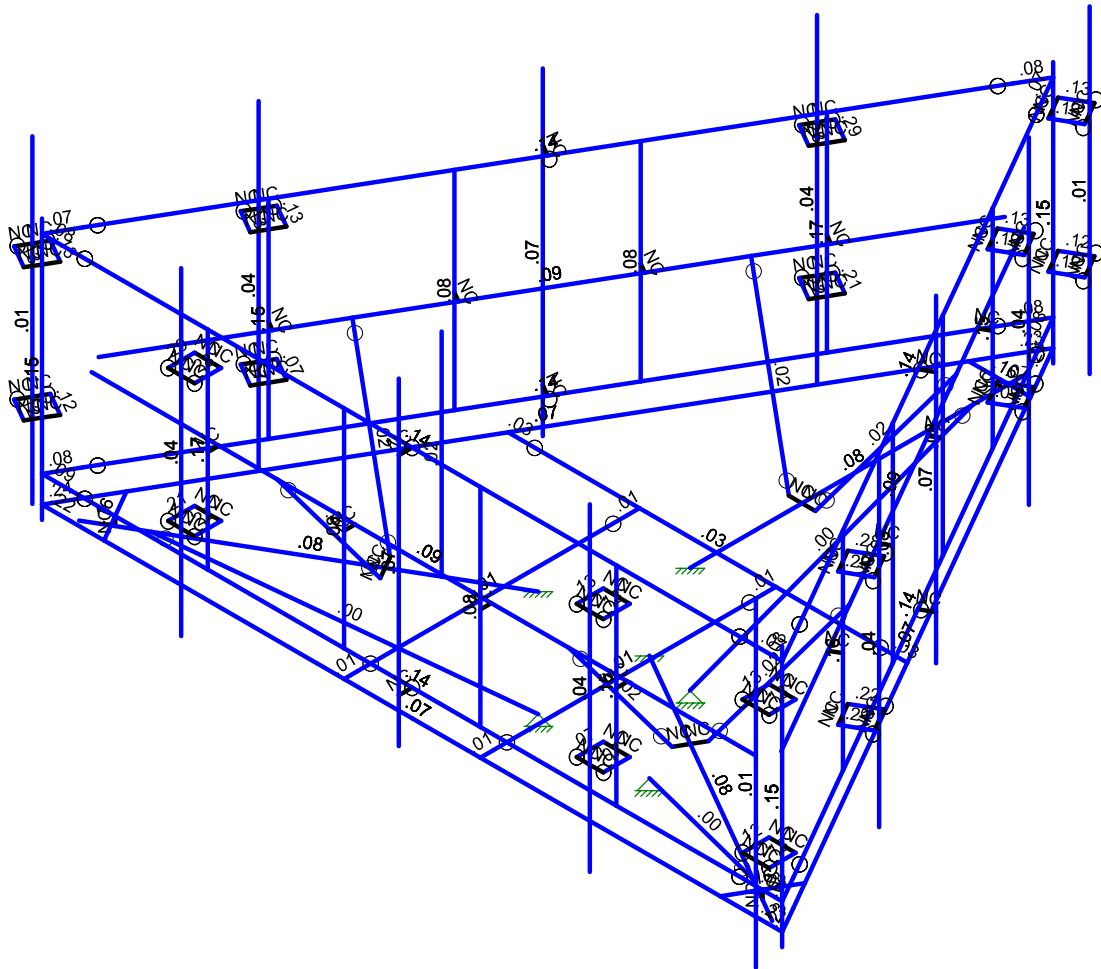
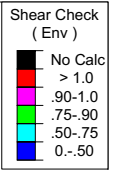
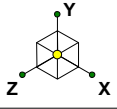
468697-VZW\_MT\_LO\_H

SK - 2

June 22, 2021 at 9:35 AM

Option 2 - 468697-VZW\_MT\_LO\_...





Member Shear Checks Displayed (Enveloped)  
Envelope Only Solution

Maser Consulting

AJH

468697-VZW\_MT\_LO\_H

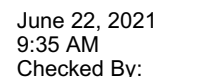
SK - 3

June 22, 2021 at 9:35 AM

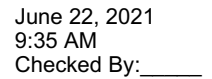
Option 2 - 468697-VZW\_MT\_LO\_...

### Basic Load Cases

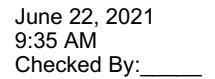
	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed Area(Me...	Surface(P...
1	Antenna D	None					114		
2	Antenna Di	None					114		
3	Antenna Wo (0 Deg)	None					114		
4	Antenna Wo (30 Deg)	None					114		
5	Antenna Wo (60 Deg)	None					114		
6	Antenna Wo (90 Deg)	None					114		
7	Antenna Wo (120 Deg)	None					114		
8	Antenna Wo (150 Deg)	None					114		
9	Antenna Wo (180 Deg)	None					114		
10	Antenna Wo (210 Deg)	None					114		
11	Antenna Wo (240 Deg)	None					114		
12	Antenna Wo (270 Deg)	None					114		
13	Antenna Wo (300 Deg)	None					114		
14	Antenna Wo (330 Deg)	None					114		
15	Antenna Wi (0 Deg)	None					114		
16	Antenna Wi (30 Deg)	None					114		
17	Antenna Wi (60 Deg)	None					114		
18	Antenna Wi (90 Deg)	None					114		
19	Antenna Wi (120 Deg)	None					114		
20	Antenna Wi (150 Deg)	None					114		
21	Antenna Wi (180 Deg)	None					114		
22	Antenna Wi (210 Deg)	None					114		
23	Antenna Wi (240 Deg)	None					114		
24	Antenna Wi (270 Deg)	None					114		
25	Antenna Wi (300 Deg)	None					114		
26	Antenna Wi (330 Deg)	None					114		
27	Antenna Wm (0 Deg)	None					114		
28	Antenna Wm (30 Deg)	None					114		
29	Antenna Wm (60 Deg)	None					114		
30	Antenna Wm (90 Deg)	None					114		
31	Antenna Wm (120 Deg)	None					114		
32	Antenna Wm (150 Deg)	None					114		
33	Antenna Wm (180 Deg)	None					114		
34	Antenna Wm (210 Deg)	None					114		
35	Antenna Wm (240 Deg)	None					114		
36	Antenna Wm (270 Deg)	None					114		
37	Antenna Wm (300 Deg)	None					114		
38	Antenna Wm (330 Deg)	None					114		
39	Structure D	None		-1				6	
40	Structure Di	None						118	6
41	Structure Wo (0 Deg)	None						236	
42	Structure Wo (30 Deg)	None						236	
43	Structure Wo (60 Deg)	None						236	
44	Structure Wo (90 Deg)	None						236	
45	Structure Wo (120 D...	None						236	
46	Structure Wo (150 D...	None						236	
47	Structure Wo (180 D...	None						236	
48	Structure Wo (210 D...	None						236	
49	Structure Wo (240 D...	None						236	
50	Structure Wo (270 D...	None						236	
51	Structure Wo (300 D...	None						236	
52	Structure Wo (330 D...	None						236	
53	Structure Wi (0 Deg)	None						236	
54	Structure Wi (30 Deg)	None						236	
55	Structure Wi (60 Deg)	None						236	
56	Structure Wi (90 Deg)	None						236	



RISA-3D Version 17.0.4    [\\...\\...\\...\\...\\Risa\\Option 2 - 468697-VZW MT LO H.r3d]    Page 2







RISA-3D Version 17.0.4 [\\...\\Risa\\Option 2 - 468697-VZW MT LO H.r3d] Page 5





### Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
186	N190	-1.561631	4.083333	-5.347205	0	
187	N191	-1.686631	4.083333	-5.130699	0	
188	N192	-1.436631	4.083333	-5.563712	0	
189	N193	-2.119644	4.083333	-5.380699	0	
190	N194	-1.869644	4.083333	-5.813712	0	
191	N195	-1.994644	4.083333	-5.597205	0	
192	N196	-1.561631	1.583333	-5.347205	0	
193	N197	-1.686631	1.583333	-5.130699	0	
194	N198	-1.436631	1.583333	-5.563712	0	
195	N199	-2.119644	1.583333	-5.380699	0	
196	N200	-1.869644	1.583333	-5.813712	0	
197	N201	-1.994644	1.583333	-5.597205	0	
198	N200A	3.85	5.833333	4.526015	0	
199	N201A	3.85	-0.166667	4.526015	0	
200	N205	6.973262	5.833333	4.526015	0	
201	N206	6.973262	-0.166667	4.526015	0	
202	N206A	-3.85	5.833333	4.526015	0	
203	N207	-3.85	-0.166667	4.526015	0	
204	N208	1.994644	5.833333	-5.597205	0	
205	N209	1.994644	-0.166667	-5.597205	0	
206	N210	0.433013	5.833333	-8.30203	0	
207	N211	0.433013	-0.166667	-8.30203	0	
208	N212	5.844644	5.833333	1.07119	0	
209	N213	5.844644	-0.166667	1.07119	0	
210	N215	-5.844644	5.833333	1.07119	0	
211	N216	-5.844644	-0.166667	1.07119	0	
212	N217	-7.406275	5.833333	3.776015	0	
213	N218	-7.406275	-0.166667	3.776015	0	
214	N219	-1.994644	5.833333	-5.597205	0	
215	N220	-1.994644	-0.166667	-5.597205	0	
216	N219A	0.	0.666667	4.026015	0	
217	N220A	0.	4.583333	4.026015	0	
218	N221	0.	0.666667	4.276015	0	
219	N222	0.	4.583333	4.276015	0	
220	N223	0.	5.833333	4.276015	0	
221	N224	0.	-0.166667	4.276015	0	
222	N226	3.703137	4.583333	-2.138007	0	
223	N227	3.703137	5.833333	-2.138007	0	
224	N228	3.703137	-0.166667	-2.138007	0	
225	N230	-3.703137	4.583333	-2.138007	0	
226	N231	-3.703137	5.833333	-2.138007	0	
227	N232	-3.703137	-0.166667	-2.138007	0	
228	N232A	3.486631	0.666667	-2.013007	0	
229	N233	3.486631	4.583333	-2.013007	0	
230	N234	3.703137	0.666667	-2.138007	0	
231	N237	-3.486631	0.666667	-2.013007	0	
232	N238	-3.486631	4.583333	-2.013007	0	
233	N239	-3.703137	0.666667	-2.138007	0	
234	N237B	1.283333	0.166667	2.026015	0	
235	N238B	-1.283333	0.166667	2.026015	0	
236	N239A	3.75876	0.166667	-1.541667	0	
237	N240	-3.75876	0.166667	-1.541667	0	
238	N241	1.283333	0.166667	4.026015	0	
239	N242	-1.283333	0.166667	4.026015	0	
240	N243	-2.201148	0	1.270833	0	
241	N242A	-2.201148	4	1.270833	0	
242	N243A	1.283333	0.166667	-1.541667	0	



### Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
243	N244	-1.283333	0.166667	-1.541667	0	
244	N246	0	0	-3.319444	0	
245	N254	6.25	2.583333	3.817681	0	
246	N255	-6.25	2.583333	3.817681	0	
247	N260	-3.85	2.583333	4.026015	0	
248	N261	-1.283333	2.583333	4.026015	0	
249	N262	1.283333	2.583333	4.026015	0	
250	N263	3.85	2.583333	4.026015	0	
251	N252	-3.85	2.583333	3.817681	0	
252	N253	-1.283333	2.583333	3.817681	0	
253	N254A	1.283333	2.583333	3.817681	0	
254	N255A	3.85	2.583333	3.817681	0	
255	N256	0.181209	2.583333	-7.3215	0	
256	N257	6.431209	2.583333	3.503818	0	
257	N258	5.411631	2.583333	1.32119	0	
258	N259	4.128298	2.583333	-0.901608	0	
259	N260A	2.844964	2.583333	-3.124407	0	
260	N261A	1.561631	2.583333	-5.347205	0	
261	N262A	5.231209	2.583333	1.425357	0	
262	N263A	3.947876	2.583333	-0.797441	0	
263	N264	2.664542	2.583333	-3.02024	0	
264	N265	1.381209	2.583333	-5.243039	0	
265	N266	-6.431209	2.583333	3.503818	0	
266	N267	-0.181209	2.583333	-7.3215	0	
267	N268	-1.561631	2.583333	-5.347205	0	
268	N269	-2.844964	2.583333	-3.124407	0	
269	N270	-4.128298	2.583333	-0.901608	0	
270	N271	-5.411631	2.583333	1.32119	0	
271	N272	-1.381209	2.583333	-5.243039	0	
272	N273	-2.664542	2.583333	-3.02024	0	
273	N274	-3.947876	2.583333	-0.797441	0	
274	N275	-5.231209	2.583333	1.425357	0	
275	N275A	.25	0	-3.319444	0	
276	N276	-.25	0	-3.319444	0	
277	N277	-2.874723	0	1.659722	0	
278	N278	-2.999723	0	1.443216	0	
279	N279	-2.749723	0	1.876229	0	
280	N280	2.874723	0	1.659722	0	
281	N281	2.749723	0	1.876229	0	
282	N282	2.999723	0	1.443216	0	
283	N283	-2.749723	2.583333	3.817679	0	
284	N285	2.749723	2.583333	3.817679	0	
285	N287	4.681068	2.583333	0.472491	0	
286	N288	1.931345	2.583333	-4.290169	0	
287	N291	-1.931345	2.583333	-4.290169	0	
288	N292	-4.681068	2.583333	0.472491	0	

### Hot Rolled Steel Section Sets

	Label	Shape	Type	Design L...	Material	Design ...	A [in2]	Iyy [in4]	Izz [in4]	J [in4]
1	Standoff	HSS4X4X3	Beam	Tube	A500 Gr. B 46	Typical	2.58	6.21	6.21	10
2	Platform Channel	C5x2x.25	Beam	Channel	A36 Gr.36	Typical	2.125	.745	7.544	.042
3	Platform Angle	L4X3X4	Beam	Single A...	A36 Gr.36	Typical	1.69	1.33	2.75	.039
4	Corner Pipe	PIPE 2.0	Column	Pipe	A53 Gr. B	Typical	1.02	.627	.627	1.25
5	Face Horizontal Angles	L3X3X4	Beam	Single A...	A36 Gr.36	Typical	1.44	1.23	1.23	.031
6	Face Horizontal Channel	C5x2x.25	Beam	Channel	A36 Gr.36	Typical	2.125	.745	7.544	.042

### Hot Rolled Steel Section Sets (Continued)

	Label	Shape	Type	Design L...	Material	Design ...	A [in <sup>2</sup> ]	I <sub>yy</sub> [in <sup>4</sup> ]	I <sub>zz</sub> [in <sup>4</sup> ]	J [in <sup>4</sup> ]
7	Face Vertical	PIPE 2.0	Column	Pipe	A53 Gr. B	Typical	1.02	.627	.627	1.25
8	Kicker	LL2.5X2.5X3	Column	Double ...	A36 Gr.36	Typical	1.92	2.096	1.158	.024
9	Mount Pipe	PIPE 2.0	Column	Pipe	A53 Gr. B	Typical	1.02	.627	.627	1.25
10	Corner Plate	PL1/2x9	Beam	RECT	A36 Gr.36	Typical	4.5	.094	30.375	.362
11	Corner Pipe Plate	PL1/4x3	Beam	RECT	A36 Gr.36	Typical	.75	.004	.563	.015
12	Threaded Rod	SR 0.5	Beam	BAR	A36 Gr.36	Typical	.196	.003	.003	.006
13	TES Platform Channel	L2x2x4	Beam	BAR	A36 Gr.36	Typical	.944	.346	.346	.021
14	TES Face Channel	L2x2x4	Beam	BAR	A36 Gr.36	Typical	.944	.346	.346	.021
15	TES Kicker	L2x2x4	Beam	BAR	A36 Gr.36	Typical	.944	.346	.346	.021
16	Platform Member Plates	PL3/8X3 HRA	Beam	RECT	A36 Gr.36	Typical	2.25	.026	6.75	.101
17	Secondary Horizontal	PIPE 2.5	Beam	Pipe	A53 Gr. B	Typical	1.61	1.45	1.45	2.89
18	V-Brace	L2.5x2.5x4	Column	Single A...	A36 Gr.36	Typical	1.19	.692	.692	.026

### Hot Rolled Steel Design Parameters

	Label	Shape	Length[ft]	Lbyy[ft]	Lbzz[ft]	Lcomp top[ft]	Lcomp bot[ft]	L-torqu...	Kyy	Kzz	Cb	Function
1	M1	Standoff	6.333			Lbyy						Lateral
2	M3	Corner Plate	1.167			Lbyy						Lateral
3	M4	Standoff	6.333			Lbyy						Lateral
4	M6	Corner Plate	1.167			Lbyy						Lateral
5	M7	Standoff	6.333			Lbyy						Lateral
6	M9	Corner Plate	1.167			Lbyy						Lateral
7	M10	Face Horizo...	12.833			Lbyy						Lateral
8	M11	Face Horizo...	12.833			Lbyy						Lateral
9	M12	Face Horizo...	12.833			Lbyy						Lateral
10	MP5B	Corner Pipe	4.917									Lateral
11	MP5A	Corner Pipe	4.917									Lateral
12	MP5C	Corner Pipe	4.917									Lateral
13	M16	Corner Pipe...	.557			Lbyy						Lateral
14	M18	Corner Pipe...	.557			Lbyy						Lateral
15	M19	Corner Pipe...	.557			Lbyy						Lateral
16	M20	Corner Pipe...	.557			Lbyy						Lateral
17	M21	Corner Pipe...	.557			Lbyy						Lateral
18	M22	Corner Pipe...	.557			Lbyy						Lateral
19	M23	Face Horizo...	12.833			Lbyy						Lateral
20	M24	Face Horizo...	12.833			Lbyy						Lateral
21	M25	Face Horizo...	12.833			Lbyy						Lateral
22	M26	Corner Pipe...	.557			Lbyy						Lateral
23	M27	Corner Pipe...	.557			Lbyy						Lateral
24	M28	Corner Pipe...	.557			Lbyy						Lateral
25	M29	Corner Pipe...	.557			Lbyy						Lateral
26	M30	Corner Pipe...	.557			Lbyy						Lateral
27	M31	Corner Pipe...	.557			Lbyy						Lateral
28	M32	Face Horizo...	12.833			Lbyy						Lateral
29	M33	Face Horizo...	12.833			Lbyy						Lateral
30	M34	Face Horizo...	12.833			Lbyy						Lateral
31	M35	Corner Pipe...	.557			Lbyy						Lateral
32	M36	Corner Pipe...	.557			Lbyy						Lateral
33	M37	Corner Pipe...	.557			Lbyy						Lateral
34	M38	Corner Pipe...	.557			Lbyy						Lateral
35	M39	Corner Pipe...	.557			Lbyy						Lateral
36	M40	Corner Pipe...	.557			Lbyy						Lateral
37	M41	Face Vertical	3.917									Lateral
38	M201	Face Vertical	3.917									Lateral
39	M50	Face Vertical	3.917									Lateral
40	M44	Face Vertical	3.917									Lateral

### Hot Rolled Steel Design Parameters (Continued)

	Label	Shape	Length[ft]	Lbyy[ft]	Lbzz[ft]	Lcomp top[ft]	Lcomp bot[ft]	L-torqu...	Kyy	Kzz	Cb	Function
41	M45	Face Vertical	3.917									Lateral
42	M203	Face Vertical	3.917									Lateral
43	M200	Face Vertical	3.917									Lateral
44	M48	Face Vertical	3.917									Lateral
45	M49	Face Vertical	3.917									Lateral
46	M202	Face Vertical	3.917									Lateral
47	M51	Face Vertical	3.917									Lateral
48	M52	Face Vertical	3.917									Lateral
49	M53	Platform Ch...	7.018			Lbyy						Lateral
50	M54	Platform An...	5.068			Lbyy						Lateral
51	M55	Platform An...	5.068			Lbyy						Lateral
52	M56	Kicker	5.696									Lateral
53	M57	Kicker	5.696									Lateral
54	M58	Kicker	5.696									Lateral
55	M61	Threaded R...	.5			Lbyy						Lateral
56	M62	Threaded R...	.5			Lbyy						Lateral
57	M67	Threaded R...	.5			Lbyy						Lateral
58	M68	Threaded R...	.5			Lbyy						Lateral
59	M73	Threaded R...	.5			Lbyy						Lateral
60	M74	Threaded R...	.5			Lbyy						Lateral
61	M79	Threaded R...	.5			Lbyy						Lateral
62	M80	Threaded R...	.5			Lbyy						Lateral
63	M85	Threaded R...	.5			Lbyy						Lateral
64	M86	Threaded R...	.5			Lbyy						Lateral
65	M91	Threaded R...	.5			Lbyy						Lateral
66	M92	Threaded R...	.5			Lbyy						Lateral
67	M97	Threaded R...	.5			Lbyy						Lateral
68	M98	Threaded R...	.5			Lbyy						Lateral
69	M103	Threaded R...	.5			Lbyy						Lateral
70	M104	Threaded R...	.5			Lbyy						Lateral
71	M109	Threaded R...	.5			Lbyy						Lateral
72	M110	Threaded R...	.5			Lbyy						Lateral
73	M115	Threaded R...	.5			Lbyy						Lateral
74	M116	Threaded R...	.5			Lbyy						Lateral
75	M121	Threaded R...	.5			Lbyy						Lateral
76	M122	Threaded R...	.5			Lbyy						Lateral
77	M127	Threaded R...	.5			Lbyy						Lateral
78	M128	Threaded R...	.5			Lbyy						Lateral
79	M133	Threaded R...	.5			Lbyy						Lateral
80	M134	Threaded R...	.5			Lbyy						Lateral
81	M139	Threaded R...	.5			Lbyy						Lateral
82	M140	Threaded R...	.5			Lbyy						Lateral
83	M145	Threaded R...	.5			Lbyy						Lateral
84	M146	Threaded R...	.5			Lbyy						Lateral
85	M151	Threaded R...	.5			Lbyy						Lateral
86	M152	Threaded R...	.5			Lbyy						Lateral
87	M157	Threaded R...	.5			Lbyy						Lateral
88	M158	Threaded R...	.5			Lbyy						Lateral
89	M163	Threaded R...	.5			Lbyy						Lateral
90	M164	Threaded R...	.5			Lbyy						Lateral
91	MP2A	Mount Pipe	6									Lateral
92	MP1A	Mount Pipe	6									Lateral
93	MP4A	Mount Pipe	6									Lateral
94	MP2C	Mount Pipe	6									Lateral
95	MP1C	Mount Pipe	6									Lateral
96	MP4C	Mount Pipe	6									Lateral
97	MP2B	Mount Pipe	6									Lateral

### Hot Rolled Steel Design Parameters (Continued)

	Label	Shape	Length[ft]	Lbyy[ft]	Lbzz[ft]	Lcomp top[ft]	Lcomp bot[ft]	L-torqu...	Kyy	Kzz	Cb	Function
98	MP1B	Mount Pipe	6									Lateral
99	MP4B	Mount Pipe	6									Lateral
100	MP3A	Mount Pipe	6									Lateral
101	MP3C	Mount Pipe	6									Lateral
102	MP3B	Mount Pipe	6									Lateral
103	M185A	Platform Me...	.25			Lbyy						Lateral
104	M186	Platform Me...	.25			Lbyy						Lateral
105	M187	Platform Me...	.25			Lbyy						Lateral
106	M188	Platform Me...	.25			Lbyy						Lateral
107	M188A	Mount Pipe	4									Lateral
108	M189	Platform Me...	.25			Lbyy						Lateral
109	M190	Platform Me...	.25			Lbyy						Lateral
110	M197	Secondary ...	12.5			Lbyy						Lateral
111	M196	Secondary ...	12.5			Lbyy						Lateral
112	M201A	Secondary ...	12.5			Lbyy						Lateral
113	M212	V-Brace	3.232									Lateral
114	M213	V-Brace	3.232									Lateral
115	M214	V-Brace	3.232									Lateral
116	M215	V-Brace	3.232									Lateral
117	M216	V-Brace	3.232									Lateral
118	M217	V-Brace	3.232									Lateral

### Member Primary Data

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
1	M1	N3	N2			Standoff	Beam	Tube	A500 Gr. ...	Typical
2	M2	N5	N4			RIGID	None	None	RIGID	Typical
3	M3	N7	N6		90	Corner Plate	Beam	RECT	A36 Gr.36	Typical
4	M4	N10	N9			Standoff	Beam	Tube	A500 Gr. ...	Typical
5	M5	N12	N11			RIGID	None	None	RIGID	Typical
6	M6	N14	N13		90	Corner Plate	Beam	RECT	A36 Gr.36	Typical
7	M7	N17	N16			Standoff	Beam	Tube	A500 Gr. ...	Typical
8	M8	N19	N18			RIGID	None	None	RIGID	Typical
9	M9	N21	N20		90	Corner Plate	Beam	RECT	A36 Gr.36	Typical
10	M10	N22	N21A		180	Face Horizont...	Beam	Channel	A36 Gr.36	Typical
11	M11	N25	N24		180	Face Horizont...	Beam	Channel	A36 Gr.36	Typical
12	M12	N28	N27		180	Face Horizont...	Beam	Channel	A36 Gr.36	Typical
13	MP5B	N32	N28A			Corner Pipe	Column	Pipe	A53 Gr. B	Typical
14	MP5A	N30	N31			Corner Pipe	Column	Pipe	A53 Gr. B	Typical
15	MP5C	N33	N34			Corner Pipe	Column	Pipe	A53 Gr. B	Typical
16	M16	N21A	N33A			Corner Pipe Pl...	Beam	RECT	A36 Gr.36	Typical
17	M18	N22	N38			Corner Pipe Pl...	Beam	RECT	A36 Gr.36	Typical
18	M19	N24	N38A			Corner Pipe Pl...	Beam	RECT	A36 Gr.36	Typical
19	M20	N25	N33A			Corner Pipe Pl...	Beam	RECT	A36 Gr.36	Typical
20	M21	N27	N38			Corner Pipe Pl...	Beam	RECT	A36 Gr.36	Typical
21	M22	N28	N38A			Corner Pipe Pl...	Beam	RECT	A36 Gr.36	Typical
22	M23	N37	N36		90	Face Horizont...	Beam	Single Angle	A36 Gr.36	Typical
23	M24	N39	N38B		90	Face Horizont...	Beam	Single Angle	A36 Gr.36	Typical
24	M25	N41	N40		90	Face Horizont...	Beam	Single Angle	A36 Gr.36	Typical
25	M26	N36	N42			Corner Pipe Pl...	Beam	RECT	A36 Gr.36	Typical
26	M27	N37	N43			Corner Pipe Pl...	Beam	RECT	A36 Gr.36	Typical
27	M28	N38B	N44			Corner Pipe Pl...	Beam	RECT	A36 Gr.36	Typical
28	M29	N39	N42			Corner Pipe Pl...	Beam	RECT	A36 Gr.36	Typical
29	M30	N40	N43			Corner Pipe Pl...	Beam	RECT	A36 Gr.36	Typical
30	M31	N41	N44			Corner Pipe Pl...	Beam	RECT	A36 Gr.36	Typical
31	M32	N46	N45			Face Horizont...	Beam	Single Angle	A36 Gr.36	Typical

### Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
32	M33	N48	N47			Face Horizont...	Beam	Single Angle	A36 Gr.36	Typical
33	M34	N50	N49			Face Horizont...	Beam	Single Angle	A36 Gr.36	Typical
34	M35	N45	N51			Corner Pipe Pl...	Beam	RECT	A36 Gr.36	Typical
35	M36	N46	N52			Corner Pipe Pl...	Beam	RECT	A36 Gr.36	Typical
36	M37	N47	N53			Corner Pipe Pl...	Beam	RECT	A36 Gr.36	Typical
37	M38	N48	N51			Corner Pipe Pl...	Beam	RECT	A36 Gr.36	Typical
38	M39	N49	N52			Corner Pipe Pl...	Beam	RECT	A36 Gr.36	Typical
39	M40	N50	N53			Corner Pipe Pl...	Beam	RECT	A36 Gr.36	Typical
40	M41	N55	N54			Face Vertical	Column	Pipe	A53 Gr. B	Typical
41	M201	N57	N56			Face Vertical	Column	Pipe	A53 Gr. B	Typical
42	M50	N59	N58			Face Vertical	Column	Pipe	A53 Gr. B	Typical
43	M44	N61	N60			Face Vertical	Column	Pipe	A53 Gr. B	Typical
44	M45	N64	N63			Face Vertical	Column	Pipe	A53 Gr. B	Typical
45	M203	N66	N65			Face Vertical	Column	Pipe	A53 Gr. B	Typical
46	M200	N68	N67			Face Vertical	Column	Pipe	A53 Gr. B	Typical
47	M48	N70	N69			Face Vertical	Column	Pipe	A53 Gr. B	Typical
48	M49	N73	N72			Face Vertical	Column	Pipe	A53 Gr. B	Typical
49	M202	N75	N74			Face Vertical	Column	Pipe	A53 Gr. B	Typical
50	M51	N77	N76			Face Vertical	Column	Pipe	A53 Gr. B	Typical
51	M52	N79	N78			Face Vertical	Column	Pipe	A53 Gr. B	Typical
52	M53	N80	N79A		180	Platform Chan...	Beam	Channel	A36 Gr.36	Typical
53	M54	N82	N84		90	Platform Angle	Beam	Single Angle	A36 Gr.36	Typical
54	M55	N83	N81		90	Platform Angle	Beam	Single Angle	A36 Gr.36	Typical
55	M56	N91	N86			Kicker	Column	Double Angle (...)	A36 Gr.36	Typical
56	M57	N88	N85			Kicker	Column	Double Angle (...)	A36 Gr.36	Typical
57	M58	N94	N87			Kicker	Column	Double Angle (...)	A36 Gr.36	Typical
58	M59	N93	N91A			RIGID	None	None	RIGID	Typical
59	M60	N91A	N92			RIGID	None	None	RIGID	Typical
60	M61	N93	N95			Threaded Rod	Beam	BAR	A36 Gr.36	Typical
61	M62	N92	N94A			Threaded Rod	Beam	BAR	A36 Gr.36	Typical
62	M63	N95	N96			RIGID	None	None	RIGID	Typical
63	M64	N96	N94A			RIGID	None	None	RIGID	Typical
64	M65	N99	N97			RIGID	None	None	RIGID	Typical
65	M66	N97	N98			RIGID	None	None	RIGID	Typical
66	M67	N99	N101			Threaded Rod	Beam	BAR	A36 Gr.36	Typical
67	M68	N98	N100			Threaded Rod	Beam	BAR	A36 Gr.36	Typical
68	M69	N101	N102			RIGID	None	None	RIGID	Typical
69	M70	N102	N100			RIGID	None	None	RIGID	Typical
70	M71	N107	N105			RIGID	None	None	RIGID	Typical
71	M72	N105	N106			RIGID	None	None	RIGID	Typical
72	M73	N107	N109			Threaded Rod	Beam	BAR	A36 Gr.36	Typical
73	M74	N106	N108			Threaded Rod	Beam	BAR	A36 Gr.36	Typical
74	M75	N109	N110			RIGID	None	None	RIGID	Typical
75	M76	N110	N108			RIGID	None	None	RIGID	Typical
76	M77	N113	N111			RIGID	None	None	RIGID	Typical
77	M78	N111	N112			RIGID	None	None	RIGID	Typical
78	M79	N113	N115			Threaded Rod	Beam	BAR	A36 Gr.36	Typical
79	M80	N112	N114			Threaded Rod	Beam	BAR	A36 Gr.36	Typical
80	M81	N115	N116			RIGID	None	None	RIGID	Typical
81	M82	N116	N114			RIGID	None	None	RIGID	Typical
82	M83	N119	N117			RIGID	None	None	RIGID	Typical
83	M84	N117	N118			RIGID	None	None	RIGID	Typical
84	M85	N119	N121			Threaded Rod	Beam	BAR	A36 Gr.36	Typical
85	M86	N118	N120			Threaded Rod	Beam	BAR	A36 Gr.36	Typical
86	M87	N121	N122			RIGID	None	None	RIGID	Typical
87	M88	N122	N120			RIGID	None	None	RIGID	Typical
88	M89	N125	N123			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
89	M90	N123	N124			RIGID	None	None	RIGID	Typical
90	M91	N125	N127			Threaded Rod	Beam	BAR	A36 Gr.36	Typical
91	M92	N124	N126			Threaded Rod	Beam	BAR	A36 Gr.36	Typical
92	M93	N127	N128			RIGID	None	None	RIGID	Typical
93	M94	N128	N126			RIGID	None	None	RIGID	Typical
94	M95	N131	N129			RIGID	None	None	RIGID	Typical
95	M96	N129	N130			RIGID	None	None	RIGID	Typical
96	M97	N131	N133			Threaded Rod	Beam	BAR	A36 Gr.36	Typical
97	M98	N130	N132			Threaded Rod	Beam	BAR	A36 Gr.36	Typical
98	M99	N133	N134			RIGID	None	None	RIGID	Typical
99	M100	N134	N132			RIGID	None	None	RIGID	Typical
100	M101	N137	N135			RIGID	None	None	RIGID	Typical
101	M102	N135	N136			RIGID	None	None	RIGID	Typical
102	M103	N137	N139			Threaded Rod	Beam	BAR	A36 Gr.36	Typical
103	M104	N136	N138			Threaded Rod	Beam	BAR	A36 Gr.36	Typical
104	M105	N139	N140			RIGID	None	None	RIGID	Typical
105	M106	N140	N138			RIGID	None	None	RIGID	Typical
106	M107	N143	N141			RIGID	None	None	RIGID	Typical
107	M108	N141	N142			RIGID	None	None	RIGID	Typical
108	M109	N143	N145			Threaded Rod	Beam	BAR	A36 Gr.36	Typical
109	M110	N142	N144			Threaded Rod	Beam	BAR	A36 Gr.36	Typical
110	M111	N145	N146			RIGID	None	None	RIGID	Typical
111	M112	N146	N144			RIGID	None	None	RIGID	Typical
112	M113	N149	N147			RIGID	None	None	RIGID	Typical
113	M114	N147	N148			RIGID	None	None	RIGID	Typical
114	M115	N149	N151			Threaded Rod	Beam	BAR	A36 Gr.36	Typical
115	M116	N148	N150			Threaded Rod	Beam	BAR	A36 Gr.36	Typical
116	M117	N151	N152			RIGID	None	None	RIGID	Typical
117	M118	N152	N150			RIGID	None	None	RIGID	Typical
118	M119	N155	N153			RIGID	None	None	RIGID	Typical
119	M120	N153	N154			RIGID	None	None	RIGID	Typical
120	M121	N155	N157			Threaded Rod	Beam	BAR	A36 Gr.36	Typical
121	M122	N154	N156			Threaded Rod	Beam	BAR	A36 Gr.36	Typical
122	M123	N157	N158			RIGID	None	None	RIGID	Typical
123	M124	N158	N156			RIGID	None	None	RIGID	Typical
124	M125	N161	N159			RIGID	None	None	RIGID	Typical
125	M126	N159	N160			RIGID	None	None	RIGID	Typical
126	M127	N161	N163			Threaded Rod	Beam	BAR	A36 Gr.36	Typical
127	M128	N160	N162			Threaded Rod	Beam	BAR	A36 Gr.36	Typical
128	M129	N163	N164			RIGID	None	None	RIGID	Typical
129	M130	N164	N162			RIGID	None	None	RIGID	Typical
130	M131	N168	N166			RIGID	None	None	RIGID	Typical
131	M132	N166	N167			RIGID	None	None	RIGID	Typical
132	M133	N168	N170			Threaded Rod	Beam	BAR	A36 Gr.36	Typical
133	M134	N167	N169			Threaded Rod	Beam	BAR	A36 Gr.36	Typical
134	M135	N170	N171			RIGID	None	None	RIGID	Typical
135	M136	N171	N169			RIGID	None	None	RIGID	Typical
136	M137	N174	N172			RIGID	None	None	RIGID	Typical
137	M138	N172	N173			RIGID	None	None	RIGID	Typical
138	M139	N174	N176			Threaded Rod	Beam	BAR	A36 Gr.36	Typical
139	M140	N173	N175			Threaded Rod	Beam	BAR	A36 Gr.36	Typical
140	M141	N176	N177			RIGID	None	None	RIGID	Typical
141	M142	N177	N175			RIGID	None	None	RIGID	Typical
142	M143	N180	N178			RIGID	None	None	RIGID	Typical
143	M144	N178	N179			RIGID	None	None	RIGID	Typical
144	M145	N180	N182			Threaded Rod	Beam	BAR	A36 Gr.36	Typical
145	M146	N179	N181			Threaded Rod	Beam	BAR	A36 Gr.36	Typical

### Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
146	M147	N182	N183			RIGID	None	None	RIGID	Typical
147	M148	N183	N181			RIGID	None	None	RIGID	Typical
148	M149	N186	N184			RIGID	None	None	RIGID	Typical
149	M150	N184	N185			RIGID	None	None	RIGID	Typical
150	M151	N186	N188			Threaded Rod	Beam	BAR	A36 Gr.36	Typical
151	M152	N185	N187			Threaded Rod	Beam	BAR	A36 Gr.36	Typical
152	M153	N188	N189			RIGID	None	None	RIGID	Typical
153	M154	N189	N187			RIGID	None	None	RIGID	Typical
154	M155	N192	N190			RIGID	None	None	RIGID	Typical
155	M156	N190	N191			RIGID	None	None	RIGID	Typical
156	M157	N192	N194			Threaded Rod	Beam	BAR	A36 Gr.36	Typical
157	M158	N191	N193			Threaded Rod	Beam	BAR	A36 Gr.36	Typical
158	M159	N194	N195			RIGID	None	None	RIGID	Typical
159	M160	N195	N193			RIGID	None	None	RIGID	Typical
160	M161	N198	N196			RIGID	None	None	RIGID	Typical
161	M162	N196	N197			RIGID	None	None	RIGID	Typical
162	M163	N198	N200			Threaded Rod	Beam	BAR	A36 Gr.36	Typical
163	M164	N197	N199			Threaded Rod	Beam	BAR	A36 Gr.36	Typical
164	M165	N200	N201			RIGID	None	None	RIGID	Typical
165	M166	N201	N199			RIGID	None	None	RIGID	Typical
166	MP2A	N200A	N201A			Mount Pipe	Column	Pipe	A53 Gr. B	Typical
167	MP1A	N205	N206			Mount Pipe	Column	Pipe	A53 Gr. B	Typical
168	MP4A	N206A	N207			Mount Pipe	Column	Pipe	A53 Gr. B	Typical
169	MP2C	N208	N209			Mount Pipe	Column	Pipe	A53 Gr. B	Typical
170	MP1C	N210	N211			Mount Pipe	Column	Pipe	A53 Gr. B	Typical
171	MP4C	N212	N213			Mount Pipe	Column	Pipe	A53 Gr. B	Typical
172	MP2B	N215	N216			Mount Pipe	Column	Pipe	A53 Gr. B	Typical
173	MP1B	N217	N218			Mount Pipe	Column	Pipe	A53 Gr. B	Typical
174	MP4B	N219	N220			Mount Pipe	Column	Pipe	A53 Gr. B	Typical
175	M176	N220A	N222			RIGID	None	None	RIGID	Typical
176	M177	N219A	N221			RIGID	None	None	RIGID	Typical
177	MP3A	N223	N224			Mount Pipe	Column	Pipe	A53 Gr. B	Typical
178	MP3C	N227	N228			Mount Pipe	Column	Pipe	A53 Gr. B	Typical
179	MP3B	N231	N232			Mount Pipe	Column	Pipe	A53 Gr. B	Typical
180	M181	N233	N226			RIGID	None	None	RIGID	Typical
181	M182	N232A	N234			RIGID	None	None	RIGID	Typical
182	M183	N238	N230			RIGID	None	None	RIGID	Typical
183	M184	N237	N239			RIGID	None	None	RIGID	Typical
184	M185A	N84	N242			Platform Mem...	Beam	RECT	A36 Gr.36	Typical
185	M186	N83	N241			Platform Mem...	Beam	RECT	A36 Gr.36	Typical
186	M187	N79A	N239A			Platform Mem...	Beam	RECT	A36 Gr.36	Typical
187	M188	N80	N240			Platform Mem...	Beam	RECT	A36 Gr.36	Typical
188	M188A	N242A	N243			Mount Pipe	Column	Pipe	A53 Gr. B	Typical
189	M189	N82	N244			Platform Mem...	Beam	RECT	A36 Gr.36	Typical
190	M190	N81	N243A			Platform Mem...	Beam	RECT	A36 Gr.36	Typical
191	M197	N255	N254			Secondary Hor...	Beam	Pipe	A53 Gr. B	Typical
192	M192	N260	N252			RIGID	None	None	RIGID	Typical
193	M193	N261	N253			RIGID	None	None	RIGID	Typical
194	M194	N262	N254A			RIGID	None	None	RIGID	Typical
195	M195	N263	N255A			RIGID	None	None	RIGID	Typical
196	M196	N257	N256			Secondary Hor...	Beam	Pipe	A53 Gr. B	Typical
197	M197A	N258	N262A			RIGID	None	None	RIGID	Typical
198	M198	N259	N263A			RIGID	None	None	RIGID	Typical
199	M199	N260A	N264			RIGID	None	None	RIGID	Typical
200	M200A	N261A	N265			RIGID	None	None	RIGID	Typical
201	M201A	N267	N266			Secondary Hor...	Beam	Pipe	A53 Gr. B	Typical
202	M202A	N268	N272			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
203	M203A	N269	N273			RIGID	None	None	RIGID	Typical
204	M204	N270	N274			RIGID	None	None	RIGID	Typical
205	M205	N271	N275			RIGID	None	None	RIGID	Typical
206	M206	N276	N246			RIGID	None	None	RIGID	Typical
207	M207	N275A	N246			RIGID	None	None	RIGID	Typical
208	M208	N279	N277			RIGID	None	None	RIGID	Typical
209	M209	N278	N277			RIGID	None	None	RIGID	Typical
210	M210	N282	N280			RIGID	None	None	RIGID	Typical
211	M211	N281	N280			RIGID	None	None	RIGID	Typical
212	M212	N283	N279		90	V-Brace	Column	Single Angle	A36 Gr.36	Typical
213	M213	N285	N281		180	V-Brace	Column	Single Angle	A36 Gr.36	Typical
214	M214	N287	N282		90	V-Brace	Column	Single Angle	A36 Gr.36	Typical
215	M215	N288	N275A		180	V-Brace	Column	Single Angle	A36 Gr.36	Typical
216	M216	N291	N276		90	V-Brace	Column	Single Angle	A36 Gr.36	Typical
217	M217	N292	N278		180	V-Brace	Column	Single Angle	A36 Gr.36	Typical

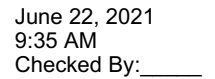
### Member Advanced Data

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
1	M1						Yes				None
2	M2						Yes	** NA **			None
3	M3						Yes				None
4	M4						Yes				None
5	M5						Yes	** NA **			None
6	M6						Yes				None
7	M7						Yes				None
8	M8						Yes	** NA **			None
9	M9						Yes				None
10	M10						Yes				None
11	M11						Yes				None
12	M12						Yes				None
13	MP5B						Yes	** NA **			None
14	MP5A						Yes	** NA **			None
15	MP5C						Yes	** NA **			None
16	M16						Yes				None
17	M18						Yes				None
18	M19						Yes				None
19	M20						Yes				None
20	M21						Yes				None
21	M22						Yes				None
22	M23	OOOOOX	OOOOOX				Yes				None
23	M24	OOOOOX	OOOOOX				Yes				None
24	M25	OOOOOX	OOOOOX				Yes				None
25	M26						Yes				None
26	M27						Yes				None
27	M28						Yes				None
28	M29						Yes				None
29	M30						Yes				None
30	M31						Yes				None
31	M32	OOOOXO	OOOOXO				Yes				None
32	M33	OOOOXO	OOOOXO				Yes				None
33	M34	OOOOXO	OOOOXO				Yes				None
34	M35						Yes				None
35	M36						Yes				None
36	M37						Yes				None
37	M38						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...
38	M39						Yes				None
39	M40						Yes				None
40	M41						Yes	** NA **			None
41	M201						Yes	** NA **			None
42	M50						Yes	** NA **			None
43	M44						Yes	** NA **			None
44	M45						Yes	** NA **			None
45	M203						Yes	** NA **			None
46	M200						Yes	** NA **			None
47	M48						Yes	** NA **			None
48	M49						Yes	** NA **			None
49	M202						Yes	** NA **			None
50	M51						Yes	** NA **			None
51	M52						Yes	** NA **			None
52	M53	OOOXXO	OOOXXO				Yes				None
53	M54	OOOXXO	OOOXXO				Yes				None
54	M55	OOOXXO	OOOXXO				Yes				None
55	M56	BenPIN					Yes	** NA **			None
56	M57	BenPIN					Yes	** NA **			None
57	M58	BenPIN					Yes	** NA **			None
58	M59						Yes	** NA **			None
59	M60						Yes	** NA **			None
60	M61						Yes				None
61	M62						Yes				None
62	M63		OOOXXO				Yes	** NA **			None
63	M64	OOOXXO					Yes	** NA **			None
64	M65						Yes	** NA **			None
65	M66						Yes	** NA **			None
66	M67						Yes				None
67	M68						Yes				None
68	M69		OOOXXO				Yes	** NA **			None
69	M70	OOOXXO					Yes	** NA **			None
70	M71						Yes	** NA **			None
71	M72						Yes	** NA **			None
72	M73						Yes				None
73	M74						Yes				None
74	M75		OOOXXO				Yes	** NA **			None
75	M76	OOOXXO					Yes	** NA **			None
76	M77						Yes	** NA **			None
77	M78						Yes	** NA **			None
78	M79						Yes				None
79	M80						Yes				None
80	M81		OOOXXO				Yes	** NA **			None
81	M82	OOOXXO					Yes	** NA **			None
82	M83						Yes	** NA **			None
83	M84						Yes	** NA **			None
84	M85						Yes				None
85	M86						Yes				None
86	M87		OOOXXO				Yes	** NA **			None
87	M88	OOOXXO					Yes	** NA **			None
88	M89						Yes	** NA **			None
89	M90						Yes	** NA **			None
90	M91						Yes				None
91	M92						Yes				None
92	M93		OOOXXO				Yes	** NA **			None
93	M94	OOOXXO					Yes	** NA **			None
94	M95						Yes	** NA **			None



	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
95	M96						Yes	** NA **			None
96	M97						Yes				None
97	M98						Yes				None
98	M99		OOOXOO				Yes	** NA **			None
99	M100	OOOXOX					Yes	** NA **			None
100	M101						Yes	** NA **			None
101	M102						Yes	** NA **			None
102	M103						Yes				None
103	M104						Yes				None
104	M105		OOOXOO				Yes	** NA **			None
105	M106	OOOXOX					Yes	** NA **			None
106	M107						Yes	** NA **			None
107	M108						Yes	** NA **			None
108	M109						Yes				None
109	M110						Yes				None
110	M111		OOOXOO				Yes	** NA **			None
111	M112	OOOXOX					Yes	** NA **			None
112	M113						Yes	** NA **			None
113	M114						Yes	** NA **			None
114	M115						Yes				None
115	M116						Yes				None
116	M117		OOOXOO				Yes	** NA **			None
117	M118	OOOXOX					Yes	** NA **			None
118	M119						Yes	** NA **			None
119	M120						Yes	** NA **			None
120	M121						Yes				None
121	M122						Yes				None
122	M123		OOOXOO				Yes	** NA **			None
123	M124	OOOXOX					Yes	** NA **			None
124	M125						Yes	** NA **			None
125	M126						Yes	** NA **			None
126	M127						Yes				None
127	M128						Yes				None
128	M129		OOOXOO				Yes	** NA **			None
129	M130	OOOXOX					Yes	** NA **			None
130	M131						Yes	** NA **			None
131	M132						Yes	** NA **			None
132	M133						Yes				None
133	M134						Yes				None
134	M135		OOOXOO				Yes	** NA **			None
135	M136	OOOXOX					Yes	** NA **			None
136	M137						Yes	** NA **			None
137	M138						Yes	** NA **			None
138	M139						Yes				None
139	M140						Yes				None
140	M141		OOOXOO				Yes	** NA **			None
141	M142	OOOXOX					Yes	** NA **			None
142	M143						Yes	** NA **			None
143	M144						Yes	** NA **			None
144	M145						Yes				None
145	M146						Yes				None
146	M147		OOOXOO				Yes	** NA **			None
147	M148	OOOXOX					Yes	** NA **			None
148	M149						Yes	** NA **			None
149	M150						Yes	** NA **			None
150	M151						Yes				None
151	M152						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...
152	M153		OOOXOO				Yes	** NA **			None
153	M154	OOOXOX					Yes	** NA **			None
154	M155						Yes	** NA **			None
155	M156						Yes	** NA **			None
156	M157						Yes				None
157	M158						Yes				None
158	M159		OOOXOO				Yes	** NA **			None
159	M160	OOOXOX					Yes	** NA **			None
160	M161						Yes	** NA **			None
161	M162						Yes	** NA **			None
162	M163						Yes				None
163	M164						Yes				None
164	M165		OOOXOO				Yes	** NA **			None
165	M166	OOOXOX					Yes	** NA **			None
166	MP2A						Yes	** NA **			None
167	MP1A						Yes	** NA **			None
168	MP4A						Yes	** NA **			None
169	MP2C						Yes	** NA **			None
170	MP1C						Yes	** NA **			None
171	MP4C						Yes	** NA **			None
172	MP2B						Yes	** NA **			None
173	MP1B						Yes	** NA **			None
174	MP4B						Yes	** NA **			None
175	M176		OOOXOO				Yes	** NA **			None
176	M177		OOOXOO				Yes	** NA **			None
177	MP3A						Yes	** NA **			None
178	MP3C						Yes	** NA **			None
179	MP3B						Yes	** NA **			None
180	M181		OOOXOO				Yes	** NA **			None
181	M182		OOOXOO				Yes	** NA **			None
182	M183		OOOXOO				Yes	** NA **			None
183	M184		OOOXOO				Yes	** NA **			None
184	M185A						Yes				None
185	M186						Yes				None
186	M187						Yes				None
187	M188						Yes				None
188	M188A						Yes	** NA **			None
189	M189						Yes				None
190	M190						Yes				None
191	M197						Yes				None
192	M192						Yes	** NA **			None
193	M193						Yes	** NA **			None
194	M194						Yes	** NA **			None
195	M195						Yes	** NA **			None
196	M196						Yes				None
197	M197A						Yes	** NA **			None
198	M198						Yes	** NA **			None
199	M199						Yes	** NA **			None
200	M200A						Yes	** NA **			None
201	M201A						Yes				None
202	M202A						Yes	** NA **			None
203	M203A						Yes	** NA **			None
204	M204						Yes	** NA **			None
205	M205						Yes	** NA **			None
206	M206						Yes	** NA **			None
207	M207						Yes	** NA **			None
208	M208						Yes	** NA **			None

### Member Advanced Data (Continued)

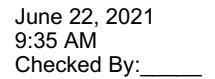
	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
209	M209						Yes	** NA **			None
210	M210						Yes	** NA **			None
211	M211						Yes	** NA **			None
212	M212	BenPIN	BenPIN				Yes	** NA **			None
213	M213	BenPIN	BenPIN				Yes	** NA **			None
214	M214	BenPIN	BenPIN				Yes	** NA **			None
215	M215	BenPIN	BenPIN				Yes	** NA **			None
216	M216	BenPIN	BenPIN				Yes	** NA **			None
217	M217	BenPIN	BenPIN				Yes	** NA **			None

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP3A	Y	-31.65	.5
2	MP3A	My	-.016	.5
3	MP3A	Mz	.021	.5
4	MP3A	Y	-31.65	5.5
5	MP3A	My	-.016	5.5
6	MP3A	Mz	.021	5.5
7	MP3B	Y	-31.65	.5
8	MP3B	My	-.006	.5
9	MP3B	Mz	-.026	.5
10	MP3B	Y	-31.65	5.5
11	MP3B	My	-.006	5.5
12	MP3B	Mz	-.026	5.5
13	MP3C	Y	-31.65	.5
14	MP3C	My	.026	.5
15	MP3C	Mz	.003	.5
16	MP3C	Y	-31.65	5.5
17	MP3C	My	.026	5.5
18	MP3C	Mz	.003	5.5
19	MP3A	Y	-31.65	.5
20	MP3A	My	-.016	.5
21	MP3A	Mz	-.021	.5
22	MP3A	Y	-31.65	5.5
23	MP3A	My	-.016	5.5
24	MP3A	Mz	-.021	5.5
25	MP3B	Y	-31.65	.5
26	MP3B	My	.026	.5
27	MP3B	Mz	.001	.5
28	MP3B	Y	-31.65	5.5
29	MP3B	My	.026	5.5
30	MP3B	Mz	.001	5.5
31	MP3C	Y	-31.65	.5
32	MP3C	My	-.01	.5
33	MP3C	Mz	.024	.5
34	MP3C	Y	-31.65	5.5
35	MP3C	My	-.01	5.5
36	MP3C	Mz	.024	5.5
37	MP5A	Y	-43.55	2
38	MP5A	My	-.022	2
39	MP5A	Mz	0	2
40	MP5A	Y	-43.55	4
41	MP5A	My	-.022	4
42	MP5A	Mz	0	4
43	MP5B	Y	-43.55	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
44	MP5B	My	.014	2
45	MP5B	Mz	-.017	2
46	MP5B	Y	-43.55	4
47	MP5B	My	.014	4
48	MP5B	Mz	-.017	4
49	MP5C	Y	-43.55	2
50	MP5C	My	.011	2
51	MP5C	Mz	.019	2
52	MP5C	Y	-43.55	4
53	MP5C	My	.011	4
54	MP5C	Mz	.019	4
55	MP4A	Y	-7.15	.5
56	MP4A	My	-.004	.5
57	MP4A	Mz	-.000621	.5
58	MP4A	Y	-7.15	3.5
59	MP4A	My	-.004	3.5
60	MP4A	Mz	-.000621	3.5
61	MP4B	Y	-7.15	.5
62	MP4B	My	.002	.5
63	MP4B	Mz	-.003	.5
64	MP4B	Y	-7.15	3.5
65	MP4B	My	.002	3.5
66	MP4B	Mz	-.003	3.5
67	MP4C	Y	-7.15	.5
68	MP4C	My	.001	.5
69	MP4C	Mz	.003	.5
70	MP4C	Y	-7.15	3.5
71	MP4C	My	.001	3.5
72	MP4C	Mz	.003	3.5
73	MP1A	Y	-4.4	2
74	MP1A	My	-.002	2
75	MP1A	Mz	0	2
76	MP1B	Y	-4.4	2
77	MP1B	My	.001	2
78	MP1B	Mz	-.002	2
79	MP1C	Y	-4.4	2
80	MP1C	My	.001	2
81	MP1C	Mz	.002	2
82	M50	Y	-10.4	2
83	M50	My	0	2
84	M50	Mz	0	2
85	M201	Y	-84.4	1.5
86	M201	My	0	1.5
87	M201	Mz	0	1.5
88	M41	Y	-70.3	1.5
89	M41	My	0	1.5
90	M41	Mz	0	1.5
91	M188A	Y	-26.9	2
92	M188A	My	0	2
93	M188A	Mz	0	2
94	M51	Y	-10.4	2
95	M51	My	0	2
96	M51	Mz	0	2
97	M200	Y	-10.4	2
98	M200	My	0	2
99	M200	Mz	0	2
100	M202	Y	-84.4	1.5



RISA-3D Version 17.0.4    [\\...\\...\\...\\...\\...\\...\\Risa\\Option 2 - 468697-VZW MT LO H.r3d] Page 21

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
40	MP5A	Y	-35.233	4
41	MP5A	My	-.018	4
42	MP5A	Mz	0	4
43	MP5B	Y	-35.233	2
44	MP5B	My	.011	2
45	MP5B	Mz	-.013	2
46	MP5B	Y	-35.233	4
47	MP5B	My	.011	4
48	MP5B	Mz	-.013	4
49	MP5C	Y	-35.233	2
50	MP5C	My	.009	2
51	MP5C	Mz	.015	2
52	MP5C	Y	-35.233	4
53	MP5C	My	.009	4
54	MP5C	Mz	.015	4
55	MP4A	Y	-37.419	.5
56	MP4A	My	-.018	.5
57	MP4A	Mz	-.003	.5
58	MP4A	Y	-37.419	3.5
59	MP4A	My	-.018	3.5
60	MP4A	Mz	-.003	3.5
61	MP4B	Y	-37.419	.5
62	MP4B	My	.012	.5
63	MP4B	Mz	-.014	.5
64	MP4B	Y	-37.419	3.5
65	MP4B	My	.012	3.5
66	MP4B	Mz	-.014	3.5
67	MP4C	Y	-37.419	.5
68	MP4C	My	.006	.5
69	MP4C	Mz	.018	.5
70	MP4C	Y	-37.419	3.5
71	MP4C	My	.006	3.5
72	MP4C	Mz	.018	3.5
73	MP1A	Y	-13.287	2
74	MP1A	My	-.007	2
75	MP1A	Mz	0	2
76	MP1B	Y	-13.287	2
77	MP1B	My	.004	2
78	MP1B	Mz	-.005	2
79	MP1C	Y	-13.287	2
80	MP1C	My	.003	2
81	MP1C	Mz	.006	2
82	M50	Y	-10.61	2
83	M50	My	0	2
84	M50	Mz	0	2
85	M201	Y	-44.413	1.5
86	M201	My	0	1.5
87	M201	Mz	0	1.5
88	M41	Y	-39.938	1.5
89	M41	My	0	1.5
90	M41	Mz	0	1.5
91	M188A	Y	-54.696	2
92	M188A	My	0	2
93	M188A	Mz	0	2
94	M51	Y	-10.61	2
95	M51	My	0	2
96	M51	Mz	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
97	M200	Y	-10.61	2
98	M200	My	0	2
99	M200	Mz	0	2
100	M202	Y	-44.413	1.5
101	M202	My	0	1.5
102	M202	Mz	0	1.5
103	M203	Y	-44.413	1.5
104	M203	My	0	1.5
105	M203	Mz	0	1.5
106	M49	Y	-39.938	1.5
107	M49	My	0	1.5
108	M49	Mz	0	1.5
109	M45	Y	-39.938	1.5
110	M45	My	0	1.5
111	M45	Mz	0	1.5
112	M188A	Y	-54.696	2
113	M188A	My	0	2
114	M188A	Mz	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	0	.5
2	MP3A	Z	-135.333	.5
3	MP3A	Mx	-.09	.5
4	MP3A	X	0	5.5
5	MP3A	Z	-135.333	5.5
6	MP3A	Mx	-.09	5.5
7	MP3B	X	0	.5
8	MP3B	Z	-108.076	.5
9	MP3B	Mx	.088	.5
10	MP3B	X	0	5.5
11	MP3B	Z	-108.076	5.5
12	MP3B	Mx	.088	5.5
13	MP3C	X	0	.5
14	MP3C	Z	-100.497	.5
15	MP3C	Mx	-.01	.5
16	MP3C	X	0	5.5
17	MP3C	Z	-100.497	5.5
18	MP3C	Mx	-.01	5.5
19	MP3A	X	0	.5
20	MP3A	Z	-135.333	.5
21	MP3A	Mx	.09	.5
22	MP3A	X	0	5.5
23	MP3A	Z	-135.333	5.5
24	MP3A	Mx	.09	5.5
25	MP3B	X	0	.5
26	MP3B	Z	-108.076	.5
27	MP3B	Mx	-.005	.5
28	MP3B	X	0	5.5
29	MP3B	Z	-108.076	5.5
30	MP3B	Mx	-.005	5.5
31	MP3C	X	0	.5
32	MP3C	Z	-100.497	.5
33	MP3C	Mx	-.077	.5
34	MP3C	X	0	5.5
35	MP3C	Z	-100.497	5.5



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
36	MP3C	Mx	-.077	5.5
37	MP5A	X	0	2
38	MP5A	Z	-69.821	2
39	MP5A	Mx	0	2
40	MP5A	X	0	4
41	MP5A	Z	-69.821	4
42	MP5A	Mx	0	4
43	MP5B	X	0	2
44	MP5B	Z	-44.889	2
45	MP5B	Mx	.017	2
46	MP5B	X	0	4
47	MP5B	Z	-44.889	4
48	MP5B	Mx	.017	4
49	MP5C	X	0	2
50	MP5C	Z	-37.956	2
51	MP5C	Mx	-.016	2
52	MP5C	X	0	4
53	MP5C	Z	-37.956	4
54	MP5C	Mx	-.016	4
55	MP4A	X	0	.5
56	MP4A	Z	-70.429	.5
57	MP4A	Mx	.006	.5
58	MP4A	X	0	3.5
59	MP4A	Z	-70.429	3.5
60	MP4A	Mx	.006	3.5
61	MP4B	X	0	.5
62	MP4B	Z	-54.235	.5
63	MP4B	Mx	.021	.5
64	MP4B	X	0	3.5
65	MP4B	Z	-54.235	3.5
66	MP4B	Mx	.021	3.5
67	MP4C	X	0	.5
68	MP4C	Z	-45.619	.5
69	MP4C	Mx	-.021	.5
70	MP4C	X	0	3.5
71	MP4C	Z	-45.619	3.5
72	MP4C	Mx	-.021	3.5
73	MP1A	X	0	2
74	MP1A	Z	-26.443	2
75	MP1A	Mx	0	2
76	MP1B	X	0	2
77	MP1B	Z	-13.969	2
78	MP1B	Mx	.005	2
79	MP1C	X	0	2
80	MP1C	Z	-10.5	2
81	MP1C	Mx	-.005	2
82	M50	X	0	2
83	M50	Z	-10.597	2
84	M50	Mx	0	2
85	M201	X	0	1.5
86	M201	Z	-53.405	1.5
87	M201	Mx	0	1.5
88	M41	X	0	1.5
89	M41	Z	-52.579	1.5
90	M41	Mx	0	1.5
91	M188A	X	0	2
92	M188A	Z	-71.231	2

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

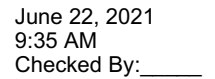
	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft, %]
93	M188A	Mx	0	2
94	M51	X	0	2
95	M51	Z	-10.597	2
96	M51	Mx	0	2
97	M200	X	0	2
98	M200	Z	-10.597	2
99	M200	Mx	0	2
100	M202	X	0	1.5
101	M202	Z	-53.405	1.5
102	M202	Mx	0	1.5
103	M203	X	0	1.5
104	M203	Z	-53.405	1.5
105	M203	Mx	0	1.5
106	M49	X	0	1.5
107	M49	Z	-52.579	1.5
108	M49	Mx	0	1.5
109	M45	X	0	1.5
110	M45	Z	-52.579	1.5
111	M45	Mx	0	1.5
112	M188A	X	0	2
113	M188A	Z	-71.231	2
114	M188A	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft, %]
1	MP3A	X	61.861	.5
2	MP3A	Z	-107.146	.5
3	MP3A	Mx	-.102	.5
4	MP3A	X	61.861	5.5
5	MP3A	Z	-107.146	5.5
6	MP3A	Mx	-.102	5.5
7	MP3B	X	45.143	.5
8	MP3B	Z	-78.19	.5
9	MP3B	Mx	.055	.5
10	MP3B	X	45.143	5.5
11	MP3B	Z	-78.19	5.5
12	MP3B	Mx	.055	5.5
13	MP3C	X	61.861	.5
14	MP3C	Z	-107.146	.5
15	MP3C	Mx	.041	.5
16	MP3C	X	61.861	5.5
17	MP3C	Z	-107.146	5.5
18	MP3C	Mx	.041	5.5
19	MP3A	X	61.861	.5
20	MP3A	Z	-107.146	.5
21	MP3A	Mx	.041	.5
22	MP3A	X	61.861	5.5
23	MP3A	Z	-107.146	5.5
24	MP3A	Mx	.041	5.5
25	MP3B	X	45.143	.5
26	MP3B	Z	-78.19	.5
27	MP3B	Mx	.034	.5
28	MP3B	X	45.143	5.5
29	MP3B	Z	-78.19	5.5
30	MP3B	Mx	.034	5.5
31	MP3C	X	61.861	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
32	MP3C	Z	-107.146	.5
33	MP3C	Mx	-.102	.5
34	MP3C	X	61.861	5.5
35	MP3C	Z	-107.146	5.5
36	MP3C	Mx	-.102	5.5
37	MP5A	X	29.6	2
38	MP5A	Z	-51.268	2
39	MP5A	Mx	-.015	2
40	MP5A	X	29.6	4
41	MP5A	Z	-51.268	4
42	MP5A	Mx	-.015	4
43	MP5B	X	14.308	2
44	MP5B	Z	-24.782	2
45	MP5B	Mx	.014	2
46	MP5B	X	14.308	4
47	MP5B	Z	-24.782	4
48	MP5B	Mx	.014	4
49	MP5C	X	29.6	2
50	MP5C	Z	-51.268	2
51	MP5C	Mx	-.015	2
52	MP5C	X	29.6	4
53	MP5C	Z	-51.268	4
54	MP5C	Mx	-.015	4
55	MP4A	X	33.952	.5
56	MP4A	Z	-58.806	.5
57	MP4A	Mx	-.012	.5
58	MP4A	X	33.952	3.5
59	MP4A	Z	-58.806	3.5
60	MP4A	Mx	-.012	3.5
61	MP4B	X	21.547	.5
62	MP4B	Z	-37.32	.5
63	MP4B	Mx	.021	.5
64	MP4B	X	21.547	3.5
65	MP4B	Z	-37.32	3.5
66	MP4B	Mx	.021	3.5
67	MP4C	X	29.643	.5
68	MP4C	Z	-51.344	.5
69	MP4C	Mx	-.019	.5
70	MP4C	X	29.643	3.5
71	MP4C	Z	-51.344	3.5
72	MP4C	Mx	-.019	3.5
73	MP1A	X	10.564	2
74	MP1A	Z	-18.298	2
75	MP1A	Mx	-.005	2
76	MP1B	X	2.913	2
77	MP1B	Z	-5.046	2
78	MP1B	Mx	.003	2
79	MP1C	X	10.564	2
80	MP1C	Z	-18.298	2
81	MP1C	Mx	-.005	2
82	M50	X	4.503	2
83	M50	Z	-7.799	2
84	M50	Mx	0	2
85	M201	X	22.375	1.5
86	M201	Z	-38.754	1.5
87	M201	Mx	0	1.5
88	M41	X	20.304	1.5



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
28	MP3B	X	81.682	5.5
29	MP3B	Z	-47.159	5.5
30	MP3B	Mx	.066	5.5
31	MP3C	X	117.202	.5
32	MP3C	Z	-67.667	.5
33	MP3C	Mx	-.09	.5
34	MP3C	X	117.202	5.5
35	MP3C	Z	-67.667	5.5
36	MP3C	Mx	-.09	5.5
37	MP5A	X	32.871	2
38	MP5A	Z	-18.978	2
39	MP5A	Mx	-.016	2
40	MP5A	X	32.871	4
41	MP5A	Z	-18.978	4
42	MP5A	Mx	-.016	4
43	MP5B	X	27.977	2
44	MP5B	Z	-16.152	2
45	MP5B	Mx	.015	2
46	MP5B	X	27.977	4
47	MP5B	Z	-16.152	4
48	MP5B	Mx	.015	4
49	MP5C	X	60.467	2
50	MP5C	Z	-34.91	2
51	MP5C	Mx	0	2
52	MP5C	X	60.467	4
53	MP5C	Z	-34.91	4
54	MP5C	Mx	0	4
55	MP4A	X	46.969	.5
56	MP4A	Z	-27.118	.5
57	MP4A	Mx	-.021	.5
58	MP4A	X	46.969	3.5
59	MP4A	Z	-27.118	3.5
60	MP4A	Mx	-.021	3.5
61	MP4B	X	39.507	.5
62	MP4B	Z	-22.81	.5
63	MP4B	Mx	.021	.5
64	MP4B	X	39.507	3.5
65	MP4B	Z	-22.81	3.5
66	MP4B	Mx	.021	3.5
67	MP4C	X	60.993	.5
68	MP4C	Z	-35.215	.5
69	MP4C	Mx	-.006	.5
70	MP4C	X	60.993	3.5
71	MP4C	Z	-35.215	3.5
72	MP4C	Mx	-.006	3.5
73	MP1A	X	9.093	2
74	MP1A	Z	-5.25	2
75	MP1A	Mx	-.005	2
76	MP1B	X	6.644	2
77	MP1B	Z	-3.836	2
78	MP1B	Mx	.004	2
79	MP1C	X	22.9	2
80	MP1C	Z	-13.221	2
81	MP1C	Mx	0	2
82	M50	X	6.675	2
83	M50	Z	-3.854	2
84	M50	Mx	0	2

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

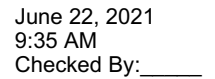
	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft, %]
85	M201	X	32.644	1.5
86	M201	Z	-18.847	1.5
87	M201	Mx	0	1.5
88	M41	X	26.717	1.5
89	M41	Z	-15.425	1.5
90	M41	Mx	0	1.5
91	M188A	X	42.453	2
92	M188A	Z	-24.51	2
93	M188A	Mx	0	2
94	M51	X	6.675	2
95	M51	Z	-3.854	2
96	M51	Mx	0	2
97	M200	X	6.675	2
98	M200	Z	-3.854	2
99	M200	Mx	0	2
100	M202	X	32.644	1.5
101	M202	Z	-18.847	1.5
102	M202	Mx	0	1.5
103	M203	X	32.644	1.5
104	M203	Z	-18.847	1.5
105	M203	Mx	0	1.5
106	M49	X	26.717	1.5
107	M49	Z	-15.425	1.5
108	M49	Mx	0	1.5
109	M45	X	26.717	1.5
110	M45	Z	-15.425	1.5
111	M45	Mx	0	1.5
112	M188A	X	42.453	2
113	M188A	Z	-24.51	2
114	M188A	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft, %]
1	MP3A	X	88.885	.5
2	MP3A	Z	0	.5
3	MP3A	Mx	-.044	.5
4	MP3A	X	88.885	5.5
5	MP3A	Z	0	5.5
6	MP3A	Mx	-.044	5.5
7	MP3B	X	116.142	.5
8	MP3B	Z	0	.5
9	MP3B	Mx	-.022	.5
10	MP3B	X	116.142	5.5
11	MP3B	Z	0	5.5
12	MP3B	Mx	-.022	5.5
13	MP3C	X	123.721	.5
14	MP3C	Z	0	.5
15	MP3C	Mx	.102	.5
16	MP3C	X	123.721	5.5
17	MP3C	Z	0	5.5
18	MP3C	Mx	.102	5.5
19	MP3A	X	88.885	.5
20	MP3A	Z	0	.5
21	MP3A	Mx	-.044	.5
22	MP3A	X	88.885	5.5
23	MP3A	Z	0	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
24	MP3A	Mx	-.044	5.5
25	MP3B	X	116.142	.5
26	MP3B	Z	0	.5
27	MP3B	Mx	.097	.5
28	MP3B	X	116.142	5.5
29	MP3B	Z	0	5.5
30	MP3B	Mx	.097	5.5
31	MP3C	X	123.721	.5
32	MP3C	Z	0	.5
33	MP3C	Mx	-.041	.5
34	MP3C	X	123.721	5.5
35	MP3C	Z	0	5.5
36	MP3C	Mx	-.041	5.5
37	MP5A	X	27.335	2
38	MP5A	Z	0	2
39	MP5A	Mx	-.014	2
40	MP5A	X	27.335	4
41	MP5A	Z	0	4
42	MP5A	Mx	-.014	4
43	MP5B	X	52.267	2
44	MP5B	Z	0	2
45	MP5B	Mx	.017	2
46	MP5B	X	52.267	4
47	MP5B	Z	0	4
48	MP5B	Mx	.017	4
49	MP5C	X	59.199	2
50	MP5C	Z	0	2
51	MP5C	Mx	.015	2
52	MP5C	X	59.199	4
53	MP5C	Z	0	4
54	MP5C	Mx	.015	4
55	MP4A	X	43.093	.5
56	MP4A	Z	0	.5
57	MP4A	Mx	-.021	.5
58	MP4A	X	43.093	3.5
59	MP4A	Z	0	3.5
60	MP4A	Mx	-.021	3.5
61	MP4B	X	59.287	.5
62	MP4B	Z	0	.5
63	MP4B	Mx	.019	.5
64	MP4B	X	59.287	3.5
65	MP4B	Z	0	3.5
66	MP4B	Mx	.019	3.5
67	MP4C	X	67.903	.5
68	MP4C	Z	0	.5
69	MP4C	Mx	.012	.5
70	MP4C	X	67.903	3.5
71	MP4C	Z	0	3.5
72	MP4C	Mx	.012	3.5
73	MP1A	X	5.186	2
74	MP1A	Z	0	2
75	MP1A	Mx	-.003	2
76	MP1B	X	17.66	2
77	MP1B	Z	0	2
78	MP1B	Mx	.006	2
79	MP1C	X	21.128	2
80	MP1C	Z	0	2



	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP3A	X	87.033	.5
2	MP3A	Z	50.249	.5
3	MP3A	Mx	-.01	.5
4	MP3A	X	87.033	5.5
5	MP3A	Z	50.249	5.5
6	MP3A	Mx	-.01	5.5
7	MP3B	X	115.989	.5
8	MP3B	Z	66.966	.5
9	MP3B	Mx	-.076	.5
10	MP3B	X	115.989	5.5
11	MP3B	Z	66.966	5.5
12	MP3B	Mx	-.076	5.5
13	MP3C	X	87.033	.5
14	MP3C	Z	50.249	.5
15	MP3C	Mx	.077	.5
16	MP3C	X	87.033	5.5
17	MP3C	Z	50.249	5.5
18	MP3C	Mx	.077	5.5
19	MP3A	X	87.033	.5



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
20	MP3A	Z	50.249	.5
21	MP3A	Mx	-.077	.5
22	MP3A	X	87.033	5.5
23	MP3A	Z	50.249	5.5
24	MP3A	Mx	-.077	5.5
25	MP3B	X	115.989	.5
26	MP3B	Z	66.966	.5
27	MP3B	Mx	.1	.5
28	MP3B	X	115.989	5.5
29	MP3B	Z	66.966	5.5
30	MP3B	Mx	.1	5.5
31	MP3C	X	87.033	.5
32	MP3C	Z	50.249	.5
33	MP3C	Mx	.01	.5
34	MP3C	X	87.033	5.5
35	MP3C	Z	50.249	5.5
36	MP3C	Mx	.01	5.5
37	MP5A	X	32.871	2
38	MP5A	Z	18.978	2
39	MP5A	Mx	-.016	2
40	MP5A	X	32.871	4
41	MP5A	Z	18.978	4
42	MP5A	Mx	-.016	4
43	MP5B	X	59.357	2
44	MP5B	Z	34.27	2
45	MP5B	Mx	.006	2
46	MP5B	X	59.357	4
47	MP5B	Z	34.27	4
48	MP5B	Mx	.006	4
49	MP5C	X	32.871	2
50	MP5C	Z	18.978	2
51	MP5C	Mx	.016	2
52	MP5C	X	32.871	4
53	MP5C	Z	18.978	4
54	MP5C	Mx	.016	4
55	MP4A	X	39.507	.5
56	MP4A	Z	22.81	.5
57	MP4A	Mx	-.021	.5
58	MP4A	X	39.507	3.5
59	MP4A	Z	22.81	3.5
60	MP4A	Mx	-.021	3.5
61	MP4B	X	60.993	.5
62	MP4B	Z	35.215	.5
63	MP4B	Mx	.006	.5
64	MP4B	X	60.993	3.5
65	MP4B	Z	35.215	3.5
66	MP4B	Mx	.006	3.5
67	MP4C	X	46.969	.5
68	MP4C	Z	27.118	.5
69	MP4C	Mx	.021	.5
70	MP4C	X	46.969	3.5
71	MP4C	Z	27.118	3.5
72	MP4C	Mx	.021	3.5
73	MP1A	X	9.093	2
74	MP1A	Z	5.25	2
75	MP1A	Mx	-.005	2
76	MP1B	X	22.345	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft, %]
77	MP1B	Z	12.901	2
78	MP1B	Mx	.002	2
79	MP1C	X	9.093	2
80	MP1C	Z	5.25	2
81	MP1C	Mx	.005	2
82	M50	X	8.308	2
83	M50	Z	4.797	2
84	M50	Mx	0	2
85	M201	X	41.525	1.5
86	M201	Z	23.974	1.5
87	M201	Mx	0	1.5
88	M41	X	39	1.5
89	M41	Z	22.516	1.5
90	M41	Mx	0	1.5
91	M188A	X	55.008	2
92	M188A	Z	31.759	2
93	M188A	Mx	0	2
94	M51	X	8.308	2
95	M51	Z	4.797	2
96	M51	Mx	0	2
97	M200	X	8.308	2
98	M200	Z	4.797	2
99	M200	Mx	0	2
100	M202	X	41.525	1.5
101	M202	Z	23.974	1.5
102	M202	Mx	0	1.5
103	M203	X	41.525	1.5
104	M203	Z	23.974	1.5
105	M203	Mx	0	1.5
106	M49	X	39	1.5
107	M49	Z	22.516	1.5
108	M49	Mx	0	1.5
109	M45	X	39	1.5
110	M45	Z	22.516	1.5
111	M45	Mx	0	1.5
112	M188A	X	55.008	2
113	M188A	Z	31.759	2
114	M188A	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft, %]
1	MP3A	X	61.861	.5
2	MP3A	Z	107.146	.5
3	MP3A	Mx	.041	.5
4	MP3A	X	61.861	5.5
5	MP3A	Z	107.146	5.5
6	MP3A	Mx	.041	5.5
7	MP3B	X	64.95	.5
8	MP3B	Z	112.497	.5
9	MP3B	Mx	-.104	.5
10	MP3B	X	64.95	5.5
11	MP3B	Z	112.497	5.5
12	MP3B	Mx	-.104	5.5
13	MP3C	X	44.443	.5
14	MP3C	Z	76.977	.5
15	MP3C	Mx	.044	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
16	MP3C	X	44.443	5.5
17	MP3C	Z	76.977	5.5
18	MP3C	Mx	.044	5.5
19	MP3A	X	61.861	.5
20	MP3A	Z	107.146	.5
21	MP3A	Mx	-.102	.5
22	MP3A	X	61.861	5.5
23	MP3A	Z	107.146	5.5
24	MP3A	Mx	-.102	5.5
25	MP3B	X	64.95	.5
26	MP3B	Z	112.497	.5
27	MP3B	Mx	.059	.5
28	MP3B	X	64.95	5.5
29	MP3B	Z	112.497	5.5
30	MP3B	Mx	.059	5.5
31	MP3C	X	44.443	.5
32	MP3C	Z	76.977	.5
33	MP3C	Mx	.044	.5
34	MP3C	X	44.443	5.5
35	MP3C	Z	76.977	5.5
36	MP3C	Mx	.044	5.5
37	MP5A	X	29.6	2
38	MP5A	Z	51.268	2
39	MP5A	Mx	-.015	2
40	MP5A	X	29.6	4
41	MP5A	Z	51.268	4
42	MP5A	Mx	-.015	4
43	MP5B	X	32.425	2
44	MP5B	Z	56.162	2
45	MP5B	Mx	-.011	2
46	MP5B	X	32.425	4
47	MP5B	Z	56.162	4
48	MP5B	Mx	-.011	4
49	MP5C	X	13.667	2
50	MP5C	Z	23.673	2
51	MP5C	Mx	.014	2
52	MP5C	X	13.667	4
53	MP5C	Z	23.673	4
54	MP5C	Mx	.014	4
55	MP4A	X	29.643	.5
56	MP4A	Z	51.344	.5
57	MP4A	Mx	-.019	.5
58	MP4A	X	29.643	3.5
59	MP4A	Z	51.344	3.5
60	MP4A	Mx	-.019	3.5
61	MP4B	X	33.952	.5
62	MP4B	Z	58.806	.5
63	MP4B	Mx	-.012	.5
64	MP4B	X	33.952	3.5
65	MP4B	Z	58.806	3.5
66	MP4B	Mx	-.012	3.5
67	MP4C	X	21.547	.5
68	MP4C	Z	37.32	.5
69	MP4C	Mx	.021	.5
70	MP4C	X	21.547	3.5
71	MP4C	Z	37.32	3.5
72	MP4C	Mx	.021	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft, %]
73	MP1A	X	10.564	2
74	MP1A	Z	18.298	2
75	MP1A	Mx	-.005	2
76	MP1B	X	11.978	2
77	MP1B	Z	20.747	2
78	MP1B	Mx	-.004	2
79	MP1C	X	2.593	2
80	MP1C	Z	4.491	2
81	MP1C	Mx	.003	2
82	M50	X	5.445	2
83	M50	Z	9.432	2
84	M50	Mx	0	2
85	M201	X	27.502	1.5
86	M201	Z	47.635	1.5
87	M201	Mx	0	1.5
88	M41	X	27.396	1.5
89	M41	Z	47.451	1.5
90	M41	Mx	0	1.5
91	M188A	X	36.746	2
92	M188A	Z	63.646	2
93	M188A	Mx	0	2
94	M51	X	5.445	2
95	M51	Z	9.432	2
96	M51	Mx	0	2
97	M200	X	5.445	2
98	M200	Z	9.432	2
99	M200	Mx	0	2
100	M202	X	27.502	1.5
101	M202	Z	47.635	1.5
102	M202	Mx	0	1.5
103	M203	X	27.502	1.5
104	M203	Z	47.635	1.5
105	M203	Mx	0	1.5
106	M49	X	27.396	1.5
107	M49	Z	47.451	1.5
108	M49	Mx	0	1.5
109	M45	X	27.396	1.5
110	M45	Z	47.451	1.5
111	M45	Mx	0	1.5
112	M188A	X	36.746	2
113	M188A	Z	63.646	2
114	M188A	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft, %]
1	MP3A	X	0	.5
2	MP3A	Z	135.333	.5
3	MP3A	Mx	.09	.5
4	MP3A	X	0	5.5
5	MP3A	Z	135.333	5.5
6	MP3A	Mx	.09	5.5
7	MP3B	X	0	.5
8	MP3B	Z	108.076	.5
9	MP3B	Mx	-.088	.5
10	MP3B	X	0	5.5
11	MP3B	Z	108.076	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
12	MP3B	Mx	-.088	5.5
13	MP3C	X	0	.5
14	MP3C	Z	100.497	.5
15	MP3C	Mx	.01	.5
16	MP3C	X	0	5.5
17	MP3C	Z	100.497	5.5
18	MP3C	Mx	.01	5.5
19	MP3A	X	0	.5
20	MP3A	Z	135.333	.5
21	MP3A	Mx	-.09	.5
22	MP3A	X	0	5.5
23	MP3A	Z	135.333	5.5
24	MP3A	Mx	-.09	5.5
25	MP3B	X	0	.5
26	MP3B	Z	108.076	.5
27	MP3B	Mx	.005	.5
28	MP3B	X	0	5.5
29	MP3B	Z	108.076	5.5
30	MP3B	Mx	.005	5.5
31	MP3C	X	0	.5
32	MP3C	Z	100.497	.5
33	MP3C	Mx	.077	.5
34	MP3C	X	0	5.5
35	MP3C	Z	100.497	5.5
36	MP3C	Mx	.077	5.5
37	MP5A	X	0	2
38	MP5A	Z	69.821	2
39	MP5A	Mx	0	2
40	MP5A	X	0	4
41	MP5A	Z	69.821	4
42	MP5A	Mx	0	4
43	MP5B	X	0	2
44	MP5B	Z	44.889	2
45	MP5B	Mx	-.017	2
46	MP5B	X	0	4
47	MP5B	Z	44.889	4
48	MP5B	Mx	-.017	4
49	MP5C	X	0	2
50	MP5C	Z	37.956	2
51	MP5C	Mx	.016	2
52	MP5C	X	0	4
53	MP5C	Z	37.956	4
54	MP5C	Mx	.016	4
55	MP4A	X	0	.5
56	MP4A	Z	70.429	.5
57	MP4A	Mx	-.006	.5
58	MP4A	X	0	3.5
59	MP4A	Z	70.429	3.5
60	MP4A	Mx	-.006	3.5
61	MP4B	X	0	.5
62	MP4B	Z	54.235	.5
63	MP4B	Mx	-.021	.5
64	MP4B	X	0	3.5
65	MP4B	Z	54.235	3.5
66	MP4B	Mx	-.021	3.5
67	MP4C	X	0	.5
68	MP4C	Z	45.619	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft, %]
69	MP4C	Mx	.021	.5
70	MP4C	X	0	3.5
71	MP4C	Z	45.619	3.5
72	MP4C	Mx	.021	3.5
73	MP1A	X	0	2
74	MP1A	Z	26.443	2
75	MP1A	Mx	0	2
76	MP1B	X	0	2
77	MP1B	Z	13.969	2
78	MP1B	Mx	-.005	2
79	MP1C	X	0	2
80	MP1C	Z	10.5	2
81	MP1C	Mx	.005	2
82	M50	X	0	2
83	M50	Z	10.597	2
84	M50	Mx	0	2
85	M201	X	0	1.5
86	M201	Z	53.405	1.5
87	M201	Mx	0	1.5
88	M41	X	0	1.5
89	M41	Z	52.579	1.5
90	M41	Mx	0	1.5
91	M188A	X	0	2
92	M188A	Z	71.231	2
93	M188A	Mx	0	2
94	M51	X	0	2
95	M51	Z	10.597	2
96	M51	Mx	0	2
97	M200	X	0	2
98	M200	Z	10.597	2
99	M200	Mx	0	2
100	M202	X	0	1.5
101	M202	Z	53.405	1.5
102	M202	Mx	0	1.5
103	M203	X	0	1.5
104	M203	Z	53.405	1.5
105	M203	Mx	0	1.5
106	M49	X	0	1.5
107	M49	Z	52.579	1.5
108	M49	Mx	0	1.5
109	M45	X	0	1.5
110	M45	Z	52.579	1.5
111	M45	Mx	0	1.5
112	M188A	X	0	2
113	M188A	Z	71.231	2
114	M188A	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft, %]
1	MP3A	X	-61.861	.5
2	MP3A	Z	107.146	.5
3	MP3A	Mx	.102	.5
4	MP3A	X	-61.861	5.5
5	MP3A	Z	107.146	5.5
6	MP3A	Mx	.102	5.5
7	MP3B	X	-45.143	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
8	MP3B	Z	78.19	.5
9	MP3B	Mx	-.055	.5
10	MP3B	X	-45.143	5.5
11	MP3B	Z	78.19	5.5
12	MP3B	Mx	-.055	5.5
13	MP3C	X	-61.861	.5
14	MP3C	Z	107.146	.5
15	MP3C	Mx	-.041	.5
16	MP3C	X	-61.861	5.5
17	MP3C	Z	107.146	5.5
18	MP3C	Mx	-.041	5.5
19	MP3A	X	-61.861	.5
20	MP3A	Z	107.146	.5
21	MP3A	Mx	-.041	.5
22	MP3A	X	-61.861	5.5
23	MP3A	Z	107.146	5.5
24	MP3A	Mx	-.041	5.5
25	MP3B	X	-45.143	.5
26	MP3B	Z	78.19	.5
27	MP3B	Mx	-.034	.5
28	MP3B	X	-45.143	5.5
29	MP3B	Z	78.19	5.5
30	MP3B	Mx	-.034	5.5
31	MP3C	X	-61.861	.5
32	MP3C	Z	107.146	.5
33	MP3C	Mx	.102	.5
34	MP3C	X	-61.861	5.5
35	MP3C	Z	107.146	5.5
36	MP3C	Mx	.102	5.5
37	MP5A	X	-29.6	2
38	MP5A	Z	51.268	2
39	MP5A	Mx	.015	2
40	MP5A	X	-29.6	4
41	MP5A	Z	51.268	4
42	MP5A	Mx	.015	4
43	MP5B	X	-14.308	2
44	MP5B	Z	24.782	2
45	MP5B	Mx	-.014	2
46	MP5B	X	-14.308	4
47	MP5B	Z	24.782	4
48	MP5B	Mx	-.014	4
49	MP5C	X	-29.6	2
50	MP5C	Z	51.268	2
51	MP5C	Mx	.015	2
52	MP5C	X	-29.6	4
53	MP5C	Z	51.268	4
54	MP5C	Mx	.015	4
55	MP4A	X	-33.952	.5
56	MP4A	Z	58.806	.5
57	MP4A	Mx	.012	.5
58	MP4A	X	-33.952	3.5
59	MP4A	Z	58.806	3.5
60	MP4A	Mx	.012	3.5
61	MP4B	X	-21.547	.5
62	MP4B	Z	37.32	.5
63	MP4B	Mx	-.021	.5
64	MP4B	X	-21.547	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
65	MP4B	Z	37.32	3.5
66	MP4B	Mx	-.021	3.5
67	MP4C	X	-29.643	.5
68	MP4C	Z	51.344	.5
69	MP4C	Mx	.019	.5
70	MP4C	X	-29.643	3.5
71	MP4C	Z	51.344	3.5
72	MP4C	Mx	.019	3.5
73	MP1A	X	-10.564	2
74	MP1A	Z	18.298	2
75	MP1A	Mx	.005	2
76	MP1B	X	-2.913	2
77	MP1B	Z	5.046	2
78	MP1B	Mx	-.003	2
79	MP1C	X	-10.564	2
80	MP1C	Z	18.298	2
81	MP1C	Mx	.005	2
82	M50	X	-4.503	2
83	M50	Z	7.799	2
84	M50	Mx	0	2
85	M201	X	-22.375	1.5
86	M201	Z	38.754	1.5
87	M201	Mx	0	1.5
88	M41	X	-20.304	1.5
89	M41	Z	35.168	1.5
90	M41	Mx	0	1.5
91	M188A	X	-29.498	2
92	M188A	Z	51.092	2
93	M188A	Mx	0	2
94	M51	X	-4.503	2
95	M51	Z	7.799	2
96	M51	Mx	0	2
97	M200	X	-4.503	2
98	M200	Z	7.799	2
99	M200	Mx	0	2
100	M202	X	-22.375	1.5
101	M202	Z	38.754	1.5
102	M202	Mx	0	1.5
103	M203	X	-22.375	1.5
104	M203	Z	38.754	1.5
105	M203	Mx	0	1.5
106	M49	X	-20.304	1.5
107	M49	Z	35.168	1.5
108	M49	Mx	0	1.5
109	M45	X	-20.304	1.5
110	M45	Z	35.168	1.5
111	M45	Mx	0	1.5
112	M188A	X	-29.498	2
113	M188A	Z	51.092	2
114	M188A	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP3A	X	-87.033	.5
2	MP3A	Z	50.249	.5
3	MP3A	Mx	.077	.5



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
4	MP3A	X	-87.033	5.5
5	MP3A	Z	50.249	5.5
6	MP3A	Mx	.077	5.5
7	MP3B	X	-81.682	.5
8	MP3B	Z	47.159	.5
9	MP3B	Mx	-.023	.5
10	MP3B	X	-81.682	5.5
11	MP3B	Z	47.159	5.5
12	MP3B	Mx	-.023	5.5
13	MP3C	X	-117.202	.5
14	MP3C	Z	67.667	.5
15	MP3C	Mx	-.09	.5
16	MP3C	X	-117.202	5.5
17	MP3C	Z	67.667	5.5
18	MP3C	Mx	-.09	5.5
19	MP3A	X	-87.033	.5
20	MP3A	Z	50.249	.5
21	MP3A	Mx	.01	.5
22	MP3A	X	-87.033	5.5
23	MP3A	Z	50.249	5.5
24	MP3A	Mx	.01	5.5
25	MP3B	X	-81.682	.5
26	MP3B	Z	47.159	.5
27	MP3B	Mx	-.066	.5
28	MP3B	X	-81.682	5.5
29	MP3B	Z	47.159	5.5
30	MP3B	Mx	-.066	5.5
31	MP3C	X	-117.202	.5
32	MP3C	Z	67.667	.5
33	MP3C	Mx	.09	.5
34	MP3C	X	-117.202	5.5
35	MP3C	Z	67.667	5.5
36	MP3C	Mx	.09	5.5
37	MP5A	X	-32.871	2
38	MP5A	Z	18.978	2
39	MP5A	Mx	.016	2
40	MP5A	X	-32.871	4
41	MP5A	Z	18.978	4
42	MP5A	Mx	.016	4
43	MP5B	X	-27.977	2
44	MP5B	Z	16.152	2
45	MP5B	Mx	-.015	2
46	MP5B	X	-27.977	4
47	MP5B	Z	16.152	4
48	MP5B	Mx	-.015	4
49	MP5C	X	-60.467	2
50	MP5C	Z	34.91	2
51	MP5C	Mx	0	2
52	MP5C	X	-60.467	4
53	MP5C	Z	34.91	4
54	MP5C	Mx	0	4
55	MP4A	X	-46.969	.5
56	MP4A	Z	27.118	.5
57	MP4A	Mx	.021	.5
58	MP4A	X	-46.969	3.5
59	MP4A	Z	27.118	3.5
60	MP4A	Mx	.021	3.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft, %]
61	MP4B	X	-39.507	.5
62	MP4B	Z	22.81	.5
63	MP4B	Mx	-.021	.5
64	MP4B	X	-39.507	3.5
65	MP4B	Z	22.81	3.5
66	MP4B	Mx	-.021	3.5
67	MP4C	X	-60.993	.5
68	MP4C	Z	35.215	.5
69	MP4C	Mx	.006	.5
70	MP4C	X	-60.993	3.5
71	MP4C	Z	35.215	3.5
72	MP4C	Mx	.006	3.5
73	MP1A	X	-9.093	2
74	MP1A	Z	5.25	2
75	MP1A	Mx	.005	2
76	MP1B	X	-6.644	2
77	MP1B	Z	3.836	2
78	MP1B	Mx	-.004	2
79	MP1C	X	-22.9	2
80	MP1C	Z	13.221	2
81	MP1C	Mx	0	2
82	M50	X	-6.675	2
83	M50	Z	3.854	2
84	M50	Mx	0	2
85	M201	X	-32.644	1.5
86	M201	Z	18.847	1.5
87	M201	Mx	0	1.5
88	M41	X	-26.717	1.5
89	M41	Z	15.425	1.5
90	M41	Mx	0	1.5
91	M188A	X	-42.453	2
92	M188A	Z	24.51	2
93	M188A	Mx	0	2
94	M51	X	-6.675	2
95	M51	Z	3.854	2
96	M51	Mx	0	2
97	M200	X	-6.675	2
98	M200	Z	3.854	2
99	M200	Mx	0	2
100	M202	X	-32.644	1.5
101	M202	Z	18.847	1.5
102	M202	Mx	0	1.5
103	M203	X	-32.644	1.5
104	M203	Z	18.847	1.5
105	M203	Mx	0	1.5
106	M49	X	-26.717	1.5
107	M49	Z	15.425	1.5
108	M49	Mx	0	1.5
109	M45	X	-26.717	1.5
110	M45	Z	15.425	1.5
111	M45	Mx	0	1.5
112	M188A	X	-42.453	2
113	M188A	Z	24.51	2
114	M188A	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft, %]
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### Member Point Loads (BLC 12 : Antenna Wo (270 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft, %]
1	MP3A	X	-88.885	.5
2	MP3A	Z	0	.5
3	MP3A	Mx	.044	.5
4	MP3A	X	-88.885	5.5
5	MP3A	Z	0	5.5
6	MP3A	Mx	.044	5.5
7	MP3B	X	-116.142	.5
8	MP3B	Z	0	.5
9	MP3B	Mx	.022	.5
10	MP3B	X	-116.142	5.5
11	MP3B	Z	0	5.5
12	MP3B	Mx	.022	5.5
13	MP3C	X	-123.721	.5
14	MP3C	Z	0	.5
15	MP3C	Mx	-.102	.5
16	MP3C	X	-123.721	5.5
17	MP3C	Z	0	5.5
18	MP3C	Mx	-.102	5.5
19	MP3A	X	-88.885	.5
20	MP3A	Z	0	.5
21	MP3A	Mx	.044	.5
22	MP3A	X	-88.885	5.5
23	MP3A	Z	0	5.5
24	MP3A	Mx	.044	5.5
25	MP3B	X	-116.142	.5
26	MP3B	Z	0	.5
27	MP3B	Mx	-.097	.5
28	MP3B	X	-116.142	5.5
29	MP3B	Z	0	5.5
30	MP3B	Mx	-.097	5.5
31	MP3C	X	-123.721	.5
32	MP3C	Z	0	.5
33	MP3C	Mx	.041	.5
34	MP3C	X	-123.721	5.5
35	MP3C	Z	0	5.5
36	MP3C	Mx	.041	5.5
37	MP5A	X	-27.335	2
38	MP5A	Z	0	2
39	MP5A	Mx	.014	2
40	MP5A	X	-27.335	4
41	MP5A	Z	0	4
42	MP5A	Mx	.014	4
43	MP5B	X	-52.267	2
44	MP5B	Z	0	2
45	MP5B	Mx	-.017	2
46	MP5B	X	-52.267	4
47	MP5B	Z	0	4
48	MP5B	Mx	-.017	4
49	MP5C	X	-59.199	2
50	MP5C	Z	0	2
51	MP5C	Mx	-.015	2
52	MP5C	X	-59.199	4
53	MP5C	Z	0	4
54	MP5C	Mx	-.015	4
55	MP4A	X	-43.093	.5
56	MP4A	Z	0	.5
57	MP4A	Mx	.021	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP4A	X	-43.093	3.5
59	MP4A	Z	0	3.5
60	MP4A	Mx	.021	3.5
61	MP4B	X	-59.287	.5
62	MP4B	Z	0	.5
63	MP4B	Mx	-.019	.5
64	MP4B	X	-59.287	3.5
65	MP4B	Z	0	3.5
66	MP4B	Mx	-.019	3.5
67	MP4C	X	-67.903	.5
68	MP4C	Z	0	.5
69	MP4C	Mx	-.012	.5
70	MP4C	X	-67.903	3.5
71	MP4C	Z	0	3.5
72	MP4C	Mx	-.012	3.5
73	MP1A	X	-5.186	2
74	MP1A	Z	0	2
75	MP1A	Mx	.003	2
76	MP1B	X	-17.66	2
77	MP1B	Z	0	2
78	MP1B	Mx	-.006	2
79	MP1C	X	-21.128	2
80	MP1C	Z	0	2
81	MP1C	Mx	-.005	2
82	M50	X	-8.002	2
83	M50	Z	0	2
84	M50	Mx	0	2
85	M201	X	-39.294	1.5
86	M201	Z	0	1.5
87	M201	Mx	0	1.5
88	M41	X	-33.063	1.5
89	M41	Z	0	1.5
90	M41	Mx	0	1.5
91	M188A	X	-51.282	2
92	M188A	Z	0	2
93	M188A	Mx	0	2
94	M51	X	-8.002	2
95	M51	Z	0	2
96	M51	Mx	0	2
97	M200	X	-8.002	2
98	M200	Z	0	2
99	M200	Mx	0	2
100	M202	X	-39.294	1.5
101	M202	Z	0	1.5
102	M202	Mx	0	1.5
103	M203	X	-39.294	1.5
104	M203	Z	0	1.5
105	M203	Mx	0	1.5
106	M49	X	-33.063	1.5
107	M49	Z	0	1.5
108	M49	Mx	0	1.5
109	M45	X	-33.063	1.5
110	M45	Z	0	1.5
111	M45	Mx	0	1.5
112	M188A	X	-51.282	2
113	M188A	Z	0	2
114	M188A	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft, %]
1	MP3A	X	-87.033	.5
2	MP3A	Z	-50.249	.5
3	MP3A	Mx	.01	.5
4	MP3A	X	-87.033	5.5
5	MP3A	Z	-50.249	5.5
6	MP3A	Mx	.01	5.5
7	MP3B	X	-115.989	.5
8	MP3B	Z	-66.966	.5
9	MP3B	Mx	.076	.5
10	MP3B	X	-115.989	5.5
11	MP3B	Z	-66.966	5.5
12	MP3B	Mx	.076	5.5
13	MP3C	X	-87.033	.5
14	MP3C	Z	-50.249	.5
15	MP3C	Mx	-.077	.5
16	MP3C	X	-87.033	5.5
17	MP3C	Z	-50.249	5.5
18	MP3C	Mx	-.077	5.5
19	MP3A	X	-87.033	.5
20	MP3A	Z	-50.249	.5
21	MP3A	Mx	.077	.5
22	MP3A	X	-87.033	5.5
23	MP3A	Z	-50.249	5.5
24	MP3A	Mx	.077	5.5
25	MP3B	X	-115.989	.5
26	MP3B	Z	-66.966	.5
27	MP3B	Mx	-.1	.5
28	MP3B	X	-115.989	5.5
29	MP3B	Z	-66.966	5.5
30	MP3B	Mx	-.1	5.5
31	MP3C	X	-87.033	.5
32	MP3C	Z	-50.249	.5
33	MP3C	Mx	-.01	.5
34	MP3C	X	-87.033	5.5
35	MP3C	Z	-50.249	5.5
36	MP3C	Mx	-.01	5.5
37	MP5A	X	-32.871	2
38	MP5A	Z	-18.978	2
39	MP5A	Mx	.016	2
40	MP5A	X	-32.871	4
41	MP5A	Z	-18.978	4
42	MP5A	Mx	.016	4
43	MP5B	X	-59.357	2
44	MP5B	Z	-34.27	2
45	MP5B	Mx	-.006	2
46	MP5B	X	-59.357	4
47	MP5B	Z	-34.27	4
48	MP5B	Mx	-.006	4
49	MP5C	X	-32.871	2
50	MP5C	Z	-18.978	2
51	MP5C	Mx	-.016	2
52	MP5C	X	-32.871	4
53	MP5C	Z	-18.978	4
54	MP5C	Mx	-.016	4
55	MP4A	X	-39.507	.5
56	MP4A	Z	-22.81	.5
57	MP4A	Mx	.021	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP4A	X	-39.507	3.5
59	MP4A	Z	-22.81	3.5
60	MP4A	Mx	.021	3.5
61	MP4B	X	-60.993	.5
62	MP4B	Z	-35.215	.5
63	MP4B	Mx	-.006	.5
64	MP4B	X	-60.993	3.5
65	MP4B	Z	-35.215	3.5
66	MP4B	Mx	-.006	3.5
67	MP4C	X	-46.969	.5
68	MP4C	Z	-27.118	.5
69	MP4C	Mx	-.021	.5
70	MP4C	X	-46.969	3.5
71	MP4C	Z	-27.118	3.5
72	MP4C	Mx	-.021	3.5
73	MP1A	X	-9.093	2
74	MP1A	Z	-5.25	2
75	MP1A	Mx	.005	2
76	MP1B	X	-22.345	2
77	MP1B	Z	-12.901	2
78	MP1B	Mx	-.002	2
79	MP1C	X	-9.093	2
80	MP1C	Z	-5.25	2
81	MP1C	Mx	-.005	2
82	M50	X	-8.308	2
83	M50	Z	-4.797	2
84	M50	Mx	0	2
85	M201	X	-41.525	1.5
86	M201	Z	-23.974	1.5
87	M201	Mx	0	1.5
88	M41	X	-39	1.5
89	M41	Z	-22.516	1.5
90	M41	Mx	0	1.5
91	M188A	X	-55.008	2
92	M188A	Z	-31.759	2
93	M188A	Mx	0	2
94	M51	X	-8.308	2
95	M51	Z	-4.797	2
96	M51	Mx	0	2
97	M200	X	-8.308	2
98	M200	Z	-4.797	2
99	M200	Mx	0	2
100	M202	X	-41.525	1.5
101	M202	Z	-23.974	1.5
102	M202	Mx	0	1.5
103	M203	X	-41.525	1.5
104	M203	Z	-23.974	1.5
105	M203	Mx	0	1.5
106	M49	X	-39	1.5
107	M49	Z	-22.516	1.5
108	M49	Mx	0	1.5
109	M45	X	-39	1.5
110	M45	Z	-22.516	1.5
111	M45	Mx	0	1.5
112	M188A	X	-55.008	2
113	M188A	Z	-31.759	2
114	M188A	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft, %]
1	MP3A	X	-61.861	.5
2	MP3A	Z	-107.146	.5
3	MP3A	Mx	-.041	.5
4	MP3A	X	-61.861	5.5
5	MP3A	Z	-107.146	5.5
6	MP3A	Mx	-.041	5.5
7	MP3B	X	-64.95	.5
8	MP3B	Z	-112.497	.5
9	MP3B	Mx	.104	.5
10	MP3B	X	-64.95	5.5
11	MP3B	Z	-112.497	5.5
12	MP3B	Mx	.104	5.5
13	MP3C	X	-44.443	.5
14	MP3C	Z	-76.977	.5
15	MP3C	Mx	-.044	.5
16	MP3C	X	-44.443	5.5
17	MP3C	Z	-76.977	5.5
18	MP3C	Mx	-.044	5.5
19	MP3A	X	-61.861	.5
20	MP3A	Z	-107.146	.5
21	MP3A	Mx	.102	.5
22	MP3A	X	-61.861	5.5
23	MP3A	Z	-107.146	5.5
24	MP3A	Mx	.102	5.5
25	MP3B	X	-64.95	.5
26	MP3B	Z	-112.497	.5
27	MP3B	Mx	-.059	.5
28	MP3B	X	-64.95	5.5
29	MP3B	Z	-112.497	5.5
30	MP3B	Mx	-.059	5.5
31	MP3C	X	-44.443	.5
32	MP3C	Z	-76.977	.5
33	MP3C	Mx	-.044	.5
34	MP3C	X	-44.443	5.5
35	MP3C	Z	-76.977	5.5
36	MP3C	Mx	-.044	5.5
37	MP5A	X	-29.6	2
38	MP5A	Z	-51.268	2
39	MP5A	Mx	.015	2
40	MP5A	X	-29.6	4
41	MP5A	Z	-51.268	4
42	MP5A	Mx	.015	4
43	MP5B	X	-32.425	2
44	MP5B	Z	-56.162	2
45	MP5B	Mx	.011	2
46	MP5B	X	-32.425	4
47	MP5B	Z	-56.162	4
48	MP5B	Mx	.011	4
49	MP5C	X	-13.667	2
50	MP5C	Z	-23.673	2
51	MP5C	Mx	-.014	2
52	MP5C	X	-13.667	4
53	MP5C	Z	-23.673	4
54	MP5C	Mx	-.014	4
55	MP4A	X	-29.643	.5
56	MP4A	Z	-51.344	.5
57	MP4A	Mx	.019	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP4A	X	-29.643	3.5
59	MP4A	Z	-51.344	3.5
60	MP4A	Mx	.019	3.5
61	MP4B	X	-33.952	.5
62	MP4B	Z	-58.806	.5
63	MP4B	Mx	.012	.5
64	MP4B	X	-33.952	3.5
65	MP4B	Z	-58.806	3.5
66	MP4B	Mx	.012	3.5
67	MP4C	X	-21.547	.5
68	MP4C	Z	-37.32	.5
69	MP4C	Mx	-.021	.5
70	MP4C	X	-21.547	3.5
71	MP4C	Z	-37.32	3.5
72	MP4C	Mx	-.021	3.5
73	MP1A	X	-10.564	2
74	MP1A	Z	-18.298	2
75	MP1A	Mx	.005	2
76	MP1B	X	-11.978	2
77	MP1B	Z	-20.747	2
78	MP1B	Mx	.004	2
79	MP1C	X	-2.593	2
80	MP1C	Z	-4.491	2
81	MP1C	Mx	-.003	2
82	M50	X	-5.445	2
83	M50	Z	-9.432	2
84	M50	Mx	0	2
85	M201	X	-27.502	1.5
86	M201	Z	-47.635	1.5
87	M201	Mx	0	1.5
88	M41	X	-27.396	1.5
89	M41	Z	-47.451	1.5
90	M41	Mx	0	1.5
91	M188A	X	-36.746	2
92	M188A	Z	-63.646	2
93	M188A	Mx	0	2
94	M51	X	-5.445	2
95	M51	Z	-9.432	2
96	M51	Mx	0	2
97	M200	X	-5.445	2
98	M200	Z	-9.432	2
99	M200	Mx	0	2
100	M202	X	-27.502	1.5
101	M202	Z	-47.635	1.5
102	M202	Mx	0	1.5
103	M203	X	-27.502	1.5
104	M203	Z	-47.635	1.5
105	M203	Mx	0	1.5
106	M49	X	-27.396	1.5
107	M49	Z	-47.451	1.5
108	M49	Mx	0	1.5
109	M45	X	-27.396	1.5
110	M45	Z	-47.451	1.5
111	M45	Mx	0	1.5
112	M188A	X	-36.746	2
113	M188A	Z	-63.646	2
114	M188A	Mx	0	2



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft, %]
1	MP3A	X	0	.5
2	MP3A	Z	-28.01	.5
3	MP3A	Mx	-.019	.5
4	MP3A	X	0	5.5
5	MP3A	Z	-28.01	5.5
6	MP3A	Mx	-.019	5.5
7	MP3B	X	0	.5
8	MP3B	Z	-22.781	.5
9	MP3B	Mx	.018	.5
10	MP3B	X	0	5.5
11	MP3B	Z	-22.781	5.5
12	MP3B	Mx	.018	5.5
13	MP3C	X	0	.5
14	MP3C	Z	-21.327	.5
15	MP3C	Mx	-.002	.5
16	MP3C	X	0	5.5
17	MP3C	Z	-21.327	5.5
18	MP3C	Mx	-.002	5.5
19	MP3A	X	0	.5
20	MP3A	Z	-28.01	.5
21	MP3A	Mx	.019	.5
22	MP3A	X	0	5.5
23	MP3A	Z	-28.01	5.5
24	MP3A	Mx	.019	5.5
25	MP3B	X	0	.5
26	MP3B	Z	-22.781	.5
27	MP3B	Mx	-.001	.5
28	MP3B	X	0	5.5
29	MP3B	Z	-22.781	5.5
30	MP3B	Mx	-.001	5.5
31	MP3C	X	0	.5
32	MP3C	Z	-21.327	.5
33	MP3C	Mx	-.016	.5
34	MP3C	X	0	5.5
35	MP3C	Z	-21.327	5.5
36	MP3C	Mx	-.016	5.5
37	MP5A	X	0	2
38	MP5A	Z	-14.894	2
39	MP5A	Mx	0	2
40	MP5A	X	0	4
41	MP5A	Z	-14.894	4
42	MP5A	Mx	0	4
43	MP5B	X	0	2
44	MP5B	Z	-9.873	2
45	MP5B	Mx	.004	2
46	MP5B	X	0	4
47	MP5B	Z	-9.873	4
48	MP5B	Mx	.004	4
49	MP5C	X	0	2
50	MP5C	Z	-8.478	2
51	MP5C	Mx	-.004	2
52	MP5C	X	0	4
53	MP5C	Z	-8.478	4
54	MP5C	Mx	-.004	4
55	MP4A	X	0	.5
56	MP4A	Z	-15.044	.5
57	MP4A	Mx	.001	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP4A	X	0	3.5
59	MP4A	Z	-15.044	3.5
60	MP4A	Mx	.001	3.5
61	MP4B	X	0	.5
62	MP4B	Z	-11.875	.5
63	MP4B	Mx	.005	.5
64	MP4B	X	0	3.5
65	MP4B	Z	-11.875	3.5
66	MP4B	Mx	.005	3.5
67	MP4C	X	0	.5
68	MP4C	Z	-10.189	.5
69	MP4C	Mx	-.005	.5
70	MP4C	X	0	3.5
71	MP4C	Z	-10.189	3.5
72	MP4C	Mx	-.005	3.5
73	MP1A	X	0	2
74	MP1A	Z	-6.462	2
75	MP1A	Mx	0	2
76	MP1B	X	0	2
77	MP1B	Z	-3.781	2
78	MP1B	Mx	.001	2
79	MP1C	X	0	2
80	MP1C	Z	-3.035	2
81	MP1C	Mx	-.001	2
82	M50	X	0	2
83	M50	Z	-2.951	2
84	M50	Mx	0	2
85	M201	X	0	1.5
86	M201	Z	-12.099	1.5
87	M201	Mx	0	1.5
88	M41	X	0	1.5
89	M41	Z	-11.929	1.5
90	M41	Mx	0	1.5
91	M188A	X	0	2
92	M188A	Z	-15.734	2
93	M188A	Mx	0	2
94	M51	X	0	2
95	M51	Z	-2.951	2
96	M51	Mx	0	2
97	M200	X	0	2
98	M200	Z	-2.951	2
99	M200	Mx	0	2
100	M202	X	0	1.5
101	M202	Z	-12.099	1.5
102	M202	Mx	0	1.5
103	M203	X	0	1.5
104	M203	Z	-12.099	1.5
105	M203	Mx	0	1.5
106	M49	X	0	1.5
107	M49	Z	-11.929	1.5
108	M49	Mx	0	1.5
109	M45	X	0	1.5
110	M45	Z	-11.929	1.5
111	M45	Mx	0	1.5
112	M188A	X	0	2
113	M188A	Z	-15.734	2
114	M188A	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft, %]
1	MP3A	X	12.891	.5
2	MP3A	Z	-22.328	.5
3	MP3A	Mx	-.021	.5
4	MP3A	X	12.891	5.5
5	MP3A	Z	-22.328	5.5
6	MP3A	Mx	-.021	5.5
7	MP3B	X	9.684	.5
8	MP3B	Z	-16.774	.5
9	MP3B	Mx	.012	.5
10	MP3B	X	9.684	5.5
11	MP3B	Z	-16.774	5.5
12	MP3B	Mx	.012	5.5
13	MP3C	X	12.891	.5
14	MP3C	Z	-22.328	.5
15	MP3C	Mx	.008	.5
16	MP3C	X	12.891	5.5
17	MP3C	Z	-22.328	5.5
18	MP3C	Mx	.008	5.5
19	MP3A	X	12.891	.5
20	MP3A	Z	-22.328	.5
21	MP3A	Mx	.008	.5
22	MP3A	X	12.891	5.5
23	MP3A	Z	-22.328	5.5
24	MP3A	Mx	.008	5.5
25	MP3B	X	9.684	.5
26	MP3B	Z	-16.774	.5
27	MP3B	Mx	.007	.5
28	MP3B	X	9.684	5.5
29	MP3B	Z	-16.774	5.5
30	MP3B	Mx	.007	5.5
31	MP3C	X	12.891	.5
32	MP3C	Z	-22.328	.5
33	MP3C	Mx	-.021	.5
34	MP3C	X	12.891	5.5
35	MP3C	Z	-22.328	5.5
36	MP3C	Mx	-.021	5.5
37	MP5A	X	6.377	2
38	MP5A	Z	-11.046	2
39	MP5A	Mx	-.003	2
40	MP5A	X	6.377	4
41	MP5A	Z	-11.046	4
42	MP5A	Mx	-.003	4
43	MP5B	X	3.298	2
44	MP5B	Z	-5.713	2
45	MP5B	Mx	.003	2
46	MP5B	X	3.298	4
47	MP5B	Z	-5.713	4
48	MP5B	Mx	.003	4
49	MP5C	X	6.377	2
50	MP5C	Z	-11.046	2
51	MP5C	Mx	-.003	2
52	MP5C	X	6.377	4
53	MP5C	Z	-11.046	4
54	MP5C	Mx	-.003	4
55	MP4A	X	7.275	.5
56	MP4A	Z	-12.601	.5
57	MP4A	Mx	-.002	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP4A	X	7.275	3.5
59	MP4A	Z	-12.601	3.5
60	MP4A	Mx	-.002	3.5
61	MP4B	X	4.847	.5
62	MP4B	Z	-8.396	.5
63	MP4B	Mx	.005	.5
64	MP4B	X	4.847	3.5
65	MP4B	Z	-8.396	3.5
66	MP4B	Mx	.005	3.5
67	MP4C	X	6.432	.5
68	MP4C	Z	-11.14	.5
69	MP4C	Mx	-.004	.5
70	MP4C	X	6.432	3.5
71	MP4C	Z	-11.14	3.5
72	MP4C	Mx	-.004	3.5
73	MP1A	X	2.66	2
74	MP1A	Z	-4.607	2
75	MP1A	Mx	-.001	2
76	MP1B	X	1.016	2
77	MP1B	Z	-1.759	2
78	MP1B	Mx	.001	2
79	MP1C	X	2.66	2
80	MP1C	Z	-4.607	2
81	MP1C	Mx	-.001	2
82	M50	X	1.297	2
83	M50	Z	-2.246	2
84	M50	Mx	0	2
85	M201	X	5.151	1.5
86	M201	Z	-8.922	1.5
87	M201	Mx	0	1.5
88	M41	X	4.725	1.5
89	M41	Z	-8.184	1.5
90	M41	Mx	0	1.5
91	M188A	X	6.631	2
92	M188A	Z	-11.486	2
93	M188A	Mx	0	2
94	M51	X	1.297	2
95	M51	Z	-2.246	2
96	M51	Mx	0	2
97	M200	X	1.297	2
98	M200	Z	-2.246	2
99	M200	Mx	0	2
100	M202	X	5.151	1.5
101	M202	Z	-8.922	1.5
102	M202	Mx	0	1.5
103	M203	X	5.151	1.5
104	M203	Z	-8.922	1.5
105	M203	Mx	0	1.5
106	M49	X	4.725	1.5
107	M49	Z	-8.184	1.5
108	M49	Mx	0	1.5
109	M45	X	4.725	1.5
110	M45	Z	-8.184	1.5
111	M45	Mx	0	1.5
112	M188A	X	6.631	2
113	M188A	Z	-11.486	2
114	M188A	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft, %]
1	MP3A	X	18.47	.5
2	MP3A	Z	-10.664	.5
3	MP3A	Mx	-.016	.5
4	MP3A	X	18.47	5.5
5	MP3A	Z	-10.664	5.5
6	MP3A	Mx	-.016	5.5
7	MP3B	X	17.444	.5
8	MP3B	Z	-10.071	.5
9	MP3B	Mx	.005	.5
10	MP3B	X	17.444	5.5
11	MP3B	Z	-10.071	5.5
12	MP3B	Mx	.005	5.5
13	MP3C	X	24.257	.5
14	MP3C	Z	-14.005	.5
15	MP3C	Mx	.019	.5
16	MP3C	X	24.257	5.5
17	MP3C	Z	-14.005	5.5
18	MP3C	Mx	.019	5.5
19	MP3A	X	18.47	.5
20	MP3A	Z	-10.664	.5
21	MP3A	Mx	-.002	.5
22	MP3A	X	18.47	5.5
23	MP3A	Z	-10.664	5.5
24	MP3A	Mx	-.002	5.5
25	MP3B	X	17.444	.5
26	MP3B	Z	-10.071	.5
27	MP3B	Mx	.014	.5
28	MP3B	X	17.444	5.5
29	MP3B	Z	-10.071	5.5
30	MP3B	Mx	.014	5.5
31	MP3C	X	24.257	.5
32	MP3C	Z	-14.005	.5
33	MP3C	Mx	-.019	.5
34	MP3C	X	24.257	5.5
35	MP3C	Z	-14.005	5.5
36	MP3C	Mx	-.019	5.5
37	MP5A	X	7.342	2
38	MP5A	Z	-4.239	2
39	MP5A	Mx	-.004	2
40	MP5A	X	7.342	4
41	MP5A	Z	-4.239	4
42	MP5A	Mx	-.004	4
43	MP5B	X	6.356	2
44	MP5B	Z	-3.67	2
45	MP5B	Mx	.003	2
46	MP5B	X	6.356	4
47	MP5B	Z	-3.67	4
48	MP5B	Mx	.003	4
49	MP5C	X	12.898	2
50	MP5C	Z	-7.447	2
51	MP5C	Mx	0	2
52	MP5C	X	12.898	4
53	MP5C	Z	-7.447	4
54	MP5C	Mx	0	4
55	MP4A	X	10.284	.5
56	MP4A	Z	-5.938	.5
57	MP4A	Mx	-.005	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP4A	X	10.284	3.5
59	MP4A	Z	-5.938	3.5
60	MP4A	Mx	-.005	3.5
61	MP4B	X	8.824	.5
62	MP4B	Z	-5.095	.5
63	MP4B	Mx	.005	.5
64	MP4B	X	8.824	3.5
65	MP4B	Z	-5.095	3.5
66	MP4B	Mx	.005	3.5
67	MP4C	X	13.029	.5
68	MP4C	Z	-7.522	.5
69	MP4C	Mx	-.001	.5
70	MP4C	X	13.029	3.5
71	MP4C	Z	-7.522	3.5
72	MP4C	Mx	-.001	3.5
73	MP1A	X	2.629	2
74	MP1A	Z	-1.518	2
75	MP1A	Mx	-.001	2
76	MP1B	X	2.102	2
77	MP1B	Z	-1.214	2
78	MP1B	Mx	.001	2
79	MP1C	X	5.596	2
80	MP1C	Z	-3.231	2
81	MP1C	Mx	0	2
82	M50	X	1.994	2
83	M50	Z	-1.151	2
84	M50	Mx	0	2
85	M201	X	7.654	1.5
86	M201	Z	-4.419	1.5
87	M201	Mx	0	1.5
88	M41	X	6.435	1.5
89	M41	Z	-3.715	1.5
90	M41	Mx	0	1.5
91	M188A	X	9.741	2
92	M188A	Z	-5.624	2
93	M188A	Mx	0	2
94	M51	X	1.994	2
95	M51	Z	-1.151	2
96	M51	Mx	0	2
97	M200	X	1.994	2
98	M200	Z	-1.151	2
99	M200	Mx	0	2
100	M202	X	7.654	1.5
101	M202	Z	-4.419	1.5
102	M202	Mx	0	1.5
103	M203	X	7.654	1.5
104	M203	Z	-4.419	1.5
105	M203	Mx	0	1.5
106	M49	X	6.435	1.5
107	M49	Z	-3.715	1.5
108	M49	Mx	0	1.5
109	M45	X	6.435	1.5
110	M45	Z	-3.715	1.5
111	M45	Mx	0	1.5
112	M188A	X	9.741	2
113	M188A	Z	-5.624	2
114	M188A	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft, %]
1	MP3A	X	19.1	.5
2	MP3A	Z	0	.5
3	MP3A	Mx	-.01	.5
4	MP3A	X	19.1	5.5
5	MP3A	Z	0	5.5
6	MP3A	Mx	-.01	5.5
7	MP3B	X	24.328	.5
8	MP3B	Z	0	.5
9	MP3B	Mx	-.005	.5
10	MP3B	X	24.328	5.5
11	MP3B	Z	0	5.5
12	MP3B	Mx	-.005	5.5
13	MP3C	X	25.782	.5
14	MP3C	Z	0	.5
15	MP3C	Mx	.021	.5
16	MP3C	X	25.782	5.5
17	MP3C	Z	0	5.5
18	MP3C	Mx	.021	5.5
19	MP3A	X	19.1	.5
20	MP3A	Z	0	.5
21	MP3A	Mx	-.01	.5
22	MP3A	X	19.1	5.5
23	MP3A	Z	0	5.5
24	MP3A	Mx	-.01	5.5
25	MP3B	X	24.328	.5
26	MP3B	Z	0	.5
27	MP3B	Mx	.02	.5
28	MP3B	X	24.328	5.5
29	MP3B	Z	0	5.5
30	MP3B	Mx	.02	5.5
31	MP3C	X	25.782	.5
32	MP3C	Z	0	.5
33	MP3C	Mx	-.008	.5
34	MP3C	X	25.782	5.5
35	MP3C	Z	0	5.5
36	MP3C	Mx	-.008	5.5
37	MP5A	X	6.339	2
38	MP5A	Z	0	2
39	MP5A	Mx	-.003	2
40	MP5A	X	6.339	4
41	MP5A	Z	0	4
42	MP5A	Mx	-.003	4
43	MP5B	X	11.359	2
44	MP5B	Z	0	2
45	MP5B	Mx	.004	2
46	MP5B	X	11.359	4
47	MP5B	Z	0	4
48	MP5B	Mx	.004	4
49	MP5C	X	12.755	2
50	MP5C	Z	0	2
51	MP5C	Mx	.003	2
52	MP5C	X	12.755	4
53	MP5C	Z	0	4
54	MP5C	Mx	.003	4
55	MP4A	X	9.695	.5
56	MP4A	Z	0	.5
57	MP4A	Mx	-.005	.5

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

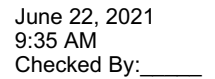
	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP4A	X	9.695	3.5
59	MP4A	Z	0	3.5
60	MP4A	Mx	-.005	3.5
61	MP4B	X	12.864	.5
62	MP4B	Z	0	.5
63	MP4B	Mx	.004	.5
64	MP4B	X	12.864	3.5
65	MP4B	Z	0	3.5
66	MP4B	Mx	.004	3.5
67	MP4C	X	14.55	.5
68	MP4C	Z	0	.5
69	MP4C	Mx	.002	.5
70	MP4C	X	14.55	3.5
71	MP4C	Z	0	3.5
72	MP4C	Mx	.002	3.5
73	MP1A	X	1.893	2
74	MP1A	Z	0	2
75	MP1A	Mx	-.000947	2
76	MP1B	X	4.574	2
77	MP1B	Z	0	2
78	MP1B	Mx	.001	2
79	MP1C	X	5.32	2
80	MP1C	Z	0	2
81	MP1C	Mx	.001	2
82	M50	X	2.368	2
83	M50	Z	0	2
84	M50	Mx	0	2
85	M201	X	9.171	1.5
86	M201	Z	0	1.5
87	M201	Mx	0	1.5
88	M41	X	7.888	1.5
89	M41	Z	0	1.5
90	M41	Mx	0	1.5
91	M188A	X	11.705	2
92	M188A	Z	0	2
93	M188A	Mx	0	2
94	M51	X	2.368	2
95	M51	Z	0	2
96	M51	Mx	0	2
97	M200	X	2.368	2
98	M200	Z	0	2
99	M200	Mx	0	2
100	M202	X	9.171	1.5
101	M202	Z	0	1.5
102	M202	Mx	0	1.5
103	M203	X	9.171	1.5
104	M203	Z	0	1.5
105	M203	Mx	0	1.5
106	M49	X	7.888	1.5
107	M49	Z	0	1.5
108	M49	Mx	0	1.5
109	M45	X	7.888	1.5
110	M45	Z	0	1.5
111	M45	Mx	0	1.5
112	M188A	X	11.705	2
113	M188A	Z	0	2
114	M188A	Mx	0	2





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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP4A	X	8.824	3.5
59	MP4A	Z	5.095	3.5
60	MP4A	Mx	-.005	3.5
61	MP4B	X	13.029	.5
62	MP4B	Z	7.522	.5
63	MP4B	Mx	.001	.5
64	MP4B	X	13.029	3.5
65	MP4B	Z	7.522	3.5
66	MP4B	Mx	.001	3.5
67	MP4C	X	10.284	.5
68	MP4C	Z	5.938	.5
69	MP4C	Mx	.005	.5
70	MP4C	X	10.284	3.5
71	MP4C	Z	5.938	3.5
72	MP4C	Mx	.005	3.5
73	MP1A	X	2.629	2
74	MP1A	Z	1.518	2
75	MP1A	Mx	-.001	2
76	MP1B	X	5.477	2
77	MP1B	Z	3.162	2
78	MP1B	Mx	.000549	2
79	MP1C	X	2.629	2
80	MP1C	Z	1.518	2
81	MP1C	Mx	.001	2
82	M50	X	2.36	2
83	M50	Z	1.363	2
84	M50	Mx	0	2
85	M201	X	9.497	1.5
86	M201	Z	5.483	1.5
87	M201	Mx	0	1.5
88	M41	X	8.977	1.5
89	M41	Z	5.183	1.5
90	M41	Mx	0	1.5
91	M188A	X	12.277	2
92	M188A	Z	7.088	2
93	M188A	Mx	0	2
94	M51	X	2.36	2
95	M51	Z	1.363	2
96	M51	Mx	0	2
97	M200	X	2.36	2
98	M200	Z	1.363	2
99	M200	Mx	0	2
100	M202	X	9.497	1.5
101	M202	Z	5.483	1.5
102	M202	Mx	0	1.5
103	M203	X	9.497	1.5
104	M203	Z	5.483	1.5
105	M203	Mx	0	1.5
106	M49	X	8.977	1.5
107	M49	Z	5.183	1.5
108	M49	Mx	0	1.5
109	M45	X	8.977	1.5
110	M45	Z	5.183	1.5
111	M45	Mx	0	1.5
112	M188A	X	12.277	2
113	M188A	Z	7.088	2
114	M188A	Mx	0	2



	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP3A	X	12.891	.5
2	MP3A	Z	22.328	.5
3	MP3A	Mx	.008	.5
4	MP3A	X	12.891	5.5
5	MP3A	Z	22.328	5.5
6	MP3A	Mx	.008	5.5
7	MP3B	X	13.484	.5
8	MP3B	Z	23.354	.5
9	MP3B	Mx	-.022	.5
10	MP3B	X	13.484	5.5
11	MP3B	Z	23.354	5.5
12	MP3B	Mx	-.022	5.5
13	MP3C	X	9.55	.5
14	MP3C	Z	16.541	.5
15	MP3C	Mx	.01	.5
16	MP3C	X	9.55	5.5
17	MP3C	Z	16.541	5.5
18	MP3C	Mx	.01	5.5
19	MP3A	X	12.891	.5
20	MP3A	Z	22.328	.5
21	MP3A	Mx	-.021	.5
22	MP3A	X	12.891	5.5
23	MP3A	Z	22.328	5.5
24	MP3A	Mx	-.021	5.5
25	MP3B	X	13.484	.5
26	MP3B	Z	23.354	.5
27	MP3B	Mx	.012	.5
28	MP3B	X	13.484	5.5
29	MP3B	Z	23.354	5.5
30	MP3B	Mx	.012	5.5
31	MP3C	X	9.55	.5
32	MP3C	Z	16.541	.5
33	MP3C	Mx	.01	.5
34	MP3C	X	9.55	5.5
35	MP3C	Z	16.541	5.5
36	MP3C	Mx	.01	5.5
37	MP5A	X	6.377	2
38	MP5A	Z	11.046	2
39	MP5A	Mx	-.003	2
40	MP5A	X	6.377	4
41	MP5A	Z	11.046	4
42	MP5A	Mx	-.003	4
43	MP5B	X	6.946	2
44	MP5B	Z	12.032	2
45	MP5B	Mx	-.002	2
46	MP5B	X	6.946	4
47	MP5B	Z	12.032	4
48	MP5B	Mx	-.002	4
49	MP5C	X	3.169	2
50	MP5C	Z	5.49	2
51	MP5C	Mx	.003	2
52	MP5C	X	3.169	4
53	MP5C	Z	5.49	4
54	MP5C	Mx	.003	4
55	MP4A	X	6.432	.5
56	MP4A	Z	11.14	.5
57	MP4A	Mx	-.004	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP4A	X	6.432	3.5
59	MP4A	Z	11.14	3.5
60	MP4A	Mx	-.004	3.5
61	MP4B	X	7.275	.5
62	MP4B	Z	12.601	.5
63	MP4B	Mx	-.002	.5
64	MP4B	X	7.275	3.5
65	MP4B	Z	12.601	3.5
66	MP4B	Mx	-.002	3.5
67	MP4C	X	4.847	.5
68	MP4C	Z	8.396	.5
69	MP4C	Mx	.005	.5
70	MP4C	X	4.847	3.5
71	MP4C	Z	8.396	3.5
72	MP4C	Mx	.005	3.5
73	MP1A	X	2.66	2
74	MP1A	Z	4.607	2
75	MP1A	Mx	-.001	2
76	MP1B	X	2.964	2
77	MP1B	Z	5.133	2
78	MP1B	Mx	-.001	2
79	MP1C	X	.947	2
80	MP1C	Z	1.64	2
81	MP1C	Mx	.000947	2
82	M50	X	1.508	2
83	M50	Z	2.612	2
84	M50	Mx	0	2
85	M201	X	6.215	1.5
86	M201	Z	10.765	1.5
87	M201	Mx	0	1.5
88	M41	X	6.193	1.5
89	M41	Z	10.727	1.5
90	M41	Mx	0	1.5
91	M188A	X	8.095	2
92	M188A	Z	14.022	2
93	M188A	Mx	0	2
94	M51	X	1.508	2
95	M51	Z	2.612	2
96	M51	Mx	0	2
97	M200	X	1.508	2
98	M200	Z	2.612	2
99	M200	Mx	0	2
100	M202	X	6.215	1.5
101	M202	Z	10.765	1.5
102	M202	Mx	0	1.5
103	M203	X	6.215	1.5
104	M203	Z	10.765	1.5
105	M203	Mx	0	1.5
106	M49	X	6.193	1.5
107	M49	Z	10.727	1.5
108	M49	Mx	0	1.5
109	M45	X	6.193	1.5
110	M45	Z	10.727	1.5
111	M45	Mx	0	1.5
112	M188A	X	8.095	2
113	M188A	Z	14.022	2
114	M188A	Mx	0	2



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP4A	X	0	3.5
59	MP4A	Z	15.044	3.5
60	MP4A	Mx	-.001	3.5
61	MP4B	X	0	.5
62	MP4B	Z	11.875	.5
63	MP4B	Mx	-.005	.5
64	MP4B	X	0	3.5
65	MP4B	Z	11.875	3.5
66	MP4B	Mx	-.005	3.5
67	MP4C	X	0	.5
68	MP4C	Z	10.189	.5
69	MP4C	Mx	.005	.5
70	MP4C	X	0	3.5
71	MP4C	Z	10.189	3.5
72	MP4C	Mx	.005	3.5
73	MP1A	X	0	2
74	MP1A	Z	6.462	2
75	MP1A	Mx	0	2
76	MP1B	X	0	2
77	MP1B	Z	3.781	2
78	MP1B	Mx	-.001	2
79	MP1C	X	0	2
80	MP1C	Z	3.035	2
81	MP1C	Mx	.001	2
82	M50	X	0	2
83	M50	Z	2.951	2
84	M50	Mx	0	2
85	M201	X	0	1.5
86	M201	Z	12.099	1.5
87	M201	Mx	0	1.5
88	M41	X	0	1.5
89	M41	Z	11.929	1.5
90	M41	Mx	0	1.5
91	M188A	X	0	2
92	M188A	Z	15.734	2
93	M188A	Mx	0	2
94	M51	X	0	2
95	M51	Z	2.951	2
96	M51	Mx	0	2
97	M200	X	0	2
98	M200	Z	2.951	2
99	M200	Mx	0	2
100	M202	X	0	1.5
101	M202	Z	12.099	1.5
102	M202	Mx	0	1.5
103	M203	X	0	1.5
104	M203	Z	12.099	1.5
105	M203	Mx	0	1.5
106	M49	X	0	1.5
107	M49	Z	11.929	1.5
108	M49	Mx	0	1.5
109	M45	X	0	1.5
110	M45	Z	11.929	1.5
111	M45	Mx	0	1.5
112	M188A	X	0	2
113	M188A	Z	15.734	2
114	M188A	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft, %]
1	MP3A	X	-12.891	.5
2	MP3A	Z	22.328	.5
3	MP3A	Mx	.021	.5
4	MP3A	X	-12.891	5.5
5	MP3A	Z	22.328	5.5
6	MP3A	Mx	.021	5.5
7	MP3B	X	-9.684	.5
8	MP3B	Z	16.774	.5
9	MP3B	Mx	-.012	.5
10	MP3B	X	-9.684	5.5
11	MP3B	Z	16.774	5.5
12	MP3B	Mx	-.012	5.5
13	MP3C	X	-12.891	.5
14	MP3C	Z	22.328	.5
15	MP3C	Mx	-.008	.5
16	MP3C	X	-12.891	5.5
17	MP3C	Z	22.328	5.5
18	MP3C	Mx	-.008	5.5
19	MP3A	X	-12.891	.5
20	MP3A	Z	22.328	.5
21	MP3A	Mx	-.008	.5
22	MP3A	X	-12.891	5.5
23	MP3A	Z	22.328	5.5
24	MP3A	Mx	-.008	5.5
25	MP3B	X	-9.684	.5
26	MP3B	Z	16.774	.5
27	MP3B	Mx	-.007	.5
28	MP3B	X	-9.684	5.5
29	MP3B	Z	16.774	5.5
30	MP3B	Mx	-.007	5.5
31	MP3C	X	-12.891	.5
32	MP3C	Z	22.328	.5
33	MP3C	Mx	.021	.5
34	MP3C	X	-12.891	5.5
35	MP3C	Z	22.328	5.5
36	MP3C	Mx	.021	5.5
37	MP5A	X	-6.377	2
38	MP5A	Z	11.046	2
39	MP5A	Mx	.003	2
40	MP5A	X	-6.377	4
41	MP5A	Z	11.046	4
42	MP5A	Mx	.003	4
43	MP5B	X	-3.298	2
44	MP5B	Z	5.713	2
45	MP5B	Mx	-.003	2
46	MP5B	X	-3.298	4
47	MP5B	Z	5.713	4
48	MP5B	Mx	-.003	4
49	MP5C	X	-6.377	2
50	MP5C	Z	11.046	2
51	MP5C	Mx	.003	2
52	MP5C	X	-6.377	4
53	MP5C	Z	11.046	4
54	MP5C	Mx	.003	4
55	MP4A	X	-7.275	.5
56	MP4A	Z	12.601	.5
57	MP4A	Mx	.002	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP4A	X	-7.275	3.5
59	MP4A	Z	12.601	3.5
60	MP4A	Mx	.002	3.5
61	MP4B	X	-4.847	.5
62	MP4B	Z	8.396	.5
63	MP4B	Mx	-.005	.5
64	MP4B	X	-4.847	3.5
65	MP4B	Z	8.396	3.5
66	MP4B	Mx	-.005	3.5
67	MP4C	X	-6.432	.5
68	MP4C	Z	11.14	.5
69	MP4C	Mx	.004	.5
70	MP4C	X	-6.432	3.5
71	MP4C	Z	11.14	3.5
72	MP4C	Mx	.004	3.5
73	MP1A	X	-2.66	2
74	MP1A	Z	4.607	2
75	MP1A	Mx	.001	2
76	MP1B	X	-1.016	2
77	MP1B	Z	1.759	2
78	MP1B	Mx	-.001	2
79	MP1C	X	-2.66	2
80	MP1C	Z	4.607	2
81	MP1C	Mx	.001	2
82	M50	X	-1.297	2
83	M50	Z	2.246	2
84	M50	Mx	0	2
85	M201	X	-5.151	1.5
86	M201	Z	8.922	1.5
87	M201	Mx	0	1.5
88	M41	X	-4.725	1.5
89	M41	Z	8.184	1.5
90	M41	Mx	0	1.5
91	M188A	X	-6.631	2
92	M188A	Z	11.486	2
93	M188A	Mx	0	2
94	M51	X	-1.297	2
95	M51	Z	2.246	2
96	M51	Mx	0	2
97	M200	X	-1.297	2
98	M200	Z	2.246	2
99	M200	Mx	0	2
100	M202	X	-5.151	1.5
101	M202	Z	8.922	1.5
102	M202	Mx	0	1.5
103	M203	X	-5.151	1.5
104	M203	Z	8.922	1.5
105	M203	Mx	0	1.5
106	M49	X	-4.725	1.5
107	M49	Z	8.184	1.5
108	M49	Mx	0	1.5
109	M45	X	-4.725	1.5
110	M45	Z	8.184	1.5
111	M45	Mx	0	1.5
112	M188A	X	-6.631	2
113	M188A	Z	11.486	2
114	M188A	Mx	0	2



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP3A	X	-18.47	.5
2	MP3A	Z	10.664	.5
3	MP3A	Mx	.016	.5
4	MP3A	X	-18.47	5.5
5	MP3A	Z	10.664	5.5
6	MP3A	Mx	.016	5.5
7	MP3B	X	-17.444	.5
8	MP3B	Z	10.071	.5
9	MP3B	Mx	-.005	.5
10	MP3B	X	-17.444	5.5
11	MP3B	Z	10.071	5.5
12	MP3B	Mx	-.005	5.5
13	MP3C	X	-24.257	.5
14	MP3C	Z	14.005	.5
15	MP3C	Mx	-.019	.5
16	MP3C	X	-24.257	5.5
17	MP3C	Z	14.005	5.5
18	MP3C	Mx	-.019	5.5
19	MP3A	X	-18.47	.5
20	MP3A	Z	10.664	.5
21	MP3A	Mx	.002	.5
22	MP3A	X	-18.47	5.5
23	MP3A	Z	10.664	5.5
24	MP3A	Mx	.002	5.5
25	MP3B	X	-17.444	.5
26	MP3B	Z	10.071	.5
27	MP3B	Mx	-.014	.5
28	MP3B	X	-17.444	5.5
29	MP3B	Z	10.071	5.5
30	MP3B	Mx	-.014	5.5
31	MP3C	X	-24.257	.5
32	MP3C	Z	14.005	.5
33	MP3C	Mx	.019	.5
34	MP3C	X	-24.257	5.5
35	MP3C	Z	14.005	5.5
36	MP3C	Mx	.019	5.5
37	MP5A	X	-7.342	2
38	MP5A	Z	4.239	2
39	MP5A	Mx	.004	2
40	MP5A	X	-7.342	4
41	MP5A	Z	4.239	4
42	MP5A	Mx	.004	4
43	MP5B	X	-6.356	2
44	MP5B	Z	3.67	2
45	MP5B	Mx	-.003	2
46	MP5B	X	-6.356	4
47	MP5B	Z	3.67	4
48	MP5B	Mx	-.003	4
49	MP5C	X	-12.898	2
50	MP5C	Z	7.447	2
51	MP5C	Mx	0	2
52	MP5C	X	-12.898	4
53	MP5C	Z	7.447	4
54	MP5C	Mx	0	4
55	MP4A	X	-10.284	.5
56	MP4A	Z	5.938	.5
57	MP4A	Mx	.005	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP4A	X	-10.284	3.5
59	MP4A	Z	5.938	3.5
60	MP4A	Mx	.005	3.5
61	MP4B	X	-8.824	.5
62	MP4B	Z	5.095	.5
63	MP4B	Mx	-.005	.5
64	MP4B	X	-8.824	3.5
65	MP4B	Z	5.095	3.5
66	MP4B	Mx	-.005	3.5
67	MP4C	X	-13.029	.5
68	MP4C	Z	7.522	.5
69	MP4C	Mx	.001	.5
70	MP4C	X	-13.029	3.5
71	MP4C	Z	7.522	3.5
72	MP4C	Mx	.001	3.5
73	MP1A	X	-2.629	2
74	MP1A	Z	1.518	2
75	MP1A	Mx	.001	2
76	MP1B	X	-2.102	2
77	MP1B	Z	1.214	2
78	MP1B	Mx	-.001	2
79	MP1C	X	-5.596	2
80	MP1C	Z	3.231	2
81	MP1C	Mx	0	2
82	M50	X	-1.994	2
83	M50	Z	1.151	2
84	M50	Mx	0	2
85	M201	X	-7.654	1.5
86	M201	Z	4.419	1.5
87	M201	Mx	0	1.5
88	M41	X	-6.435	1.5
89	M41	Z	3.715	1.5
90	M41	Mx	0	1.5
91	M188A	X	-9.741	2
92	M188A	Z	5.624	2
93	M188A	Mx	0	2
94	M51	X	-1.994	2
95	M51	Z	1.151	2
96	M51	Mx	0	2
97	M200	X	-1.994	2
98	M200	Z	1.151	2
99	M200	Mx	0	2
100	M202	X	-7.654	1.5
101	M202	Z	4.419	1.5
102	M202	Mx	0	1.5
103	M203	X	-7.654	1.5
104	M203	Z	4.419	1.5
105	M203	Mx	0	1.5
106	M49	X	-6.435	1.5
107	M49	Z	3.715	1.5
108	M49	Mx	0	1.5
109	M45	X	-6.435	1.5
110	M45	Z	3.715	1.5
111	M45	Mx	0	1.5
112	M188A	X	-9.741	2
113	M188A	Z	5.624	2
114	M188A	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft, %]
1	MP3A	X	-19.1	.5
2	MP3A	Z	0	.5
3	MP3A	Mx	.01	.5
4	MP3A	X	-19.1	5.5
5	MP3A	Z	0	5.5
6	MP3A	Mx	.01	5.5
7	MP3B	X	-24.328	.5
8	MP3B	Z	0	.5
9	MP3B	Mx	.005	.5
10	MP3B	X	-24.328	5.5
11	MP3B	Z	0	5.5
12	MP3B	Mx	.005	5.5
13	MP3C	X	-25.782	.5
14	MP3C	Z	0	.5
15	MP3C	Mx	-.021	.5
16	MP3C	X	-25.782	5.5
17	MP3C	Z	0	5.5
18	MP3C	Mx	-.021	5.5
19	MP3A	X	-19.1	.5
20	MP3A	Z	0	.5
21	MP3A	Mx	.01	.5
22	MP3A	X	-19.1	5.5
23	MP3A	Z	0	5.5
24	MP3A	Mx	.01	5.5
25	MP3B	X	-24.328	.5
26	MP3B	Z	0	.5
27	MP3B	Mx	-.02	.5
28	MP3B	X	-24.328	5.5
29	MP3B	Z	0	5.5
30	MP3B	Mx	-.02	5.5
31	MP3C	X	-25.782	.5
32	MP3C	Z	0	.5
33	MP3C	Mx	.008	.5
34	MP3C	X	-25.782	5.5
35	MP3C	Z	0	5.5
36	MP3C	Mx	.008	5.5
37	MP5A	X	-6.339	2
38	MP5A	Z	0	2
39	MP5A	Mx	.003	2
40	MP5A	X	-6.339	4
41	MP5A	Z	0	4
42	MP5A	Mx	.003	4
43	MP5B	X	-11.359	2
44	MP5B	Z	0	2
45	MP5B	Mx	-.004	2
46	MP5B	X	-11.359	4
47	MP5B	Z	0	4
48	MP5B	Mx	-.004	4
49	MP5C	X	-12.755	2
50	MP5C	Z	0	2
51	MP5C	Mx	-.003	2
52	MP5C	X	-12.755	4
53	MP5C	Z	0	4
54	MP5C	Mx	-.003	4
55	MP4A	X	-9.695	.5
56	MP4A	Z	0	.5
57	MP4A	Mx	.005	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP4A	X	-9.695	3.5
59	MP4A	Z	0	3.5
60	MP4A	Mx	.005	3.5
61	MP4B	X	-12.864	.5
62	MP4B	Z	0	.5
63	MP4B	Mx	-.004	.5
64	MP4B	X	-12.864	3.5
65	MP4B	Z	0	3.5
66	MP4B	Mx	-.004	3.5
67	MP4C	X	-14.55	.5
68	MP4C	Z	0	.5
69	MP4C	Mx	-.002	.5
70	MP4C	X	-14.55	3.5
71	MP4C	Z	0	3.5
72	MP4C	Mx	-.002	3.5
73	MP1A	X	-1.893	2
74	MP1A	Z	0	2
75	MP1A	Mx	.000947	2
76	MP1B	X	-4.574	2
77	MP1B	Z	0	2
78	MP1B	Mx	-.001	2
79	MP1C	X	-5.32	2
80	MP1C	Z	0	2
81	MP1C	Mx	-.001	2
82	M50	X	-2.368	2
83	M50	Z	0	2
84	M50	Mx	0	2
85	M201	X	-9.171	1.5
86	M201	Z	0	1.5
87	M201	Mx	0	1.5
88	M41	X	-7.888	1.5
89	M41	Z	0	1.5
90	M41	Mx	0	1.5
91	M188A	X	-11.705	2
92	M188A	Z	0	2
93	M188A	Mx	0	2
94	M51	X	-2.368	2
95	M51	Z	0	2
96	M51	Mx	0	2
97	M200	X	-2.368	2
98	M200	Z	0	2
99	M200	Mx	0	2
100	M202	X	-9.171	1.5
101	M202	Z	0	1.5
102	M202	Mx	0	1.5
103	M203	X	-9.171	1.5
104	M203	Z	0	1.5
105	M203	Mx	0	1.5
106	M49	X	-7.888	1.5
107	M49	Z	0	1.5
108	M49	Mx	0	1.5
109	M45	X	-7.888	1.5
110	M45	Z	0	1.5
111	M45	Mx	0	1.5
112	M188A	X	-11.705	2
113	M188A	Z	0	2
114	M188A	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft, %]
1	MP3A	X	-18.47	.5
2	MP3A	Z	-10.664	.5
3	MP3A	Mx	.002	.5
4	MP3A	X	-18.47	5.5
5	MP3A	Z	-10.664	5.5
6	MP3A	Mx	.002	5.5
7	MP3B	X	-24.024	.5
8	MP3B	Z	-13.87	.5
9	MP3B	Mx	.016	.5
10	MP3B	X	-24.024	5.5
11	MP3B	Z	-13.87	5.5
12	MP3B	Mx	.016	5.5
13	MP3C	X	-18.47	.5
14	MP3C	Z	-10.664	.5
15	MP3C	Mx	-.016	.5
16	MP3C	X	-18.47	5.5
17	MP3C	Z	-10.664	5.5
18	MP3C	Mx	-.016	5.5
19	MP3A	X	-18.47	.5
20	MP3A	Z	-10.664	.5
21	MP3A	Mx	.016	.5
22	MP3A	X	-18.47	5.5
23	MP3A	Z	-10.664	5.5
24	MP3A	Mx	.016	5.5
25	MP3B	X	-24.024	.5
26	MP3B	Z	-13.87	.5
27	MP3B	Mx	-.021	.5
28	MP3B	X	-24.024	5.5
29	MP3B	Z	-13.87	5.5
30	MP3B	Mx	-.021	5.5
31	MP3C	X	-18.47	.5
32	MP3C	Z	-10.664	.5
33	MP3C	Mx	-.002	.5
34	MP3C	X	-18.47	5.5
35	MP3C	Z	-10.664	5.5
36	MP3C	Mx	-.002	5.5
37	MP5A	X	-7.342	2
38	MP5A	Z	-4.239	2
39	MP5A	Mx	.004	2
40	MP5A	X	-7.342	4
41	MP5A	Z	-4.239	4
42	MP5A	Mx	.004	4
43	MP5B	X	-12.675	2
44	MP5B	Z	-7.318	2
45	MP5B	Mx	-.001	2
46	MP5B	X	-12.675	4
47	MP5B	Z	-7.318	4
48	MP5B	Mx	-.001	4
49	MP5C	X	-7.342	2
50	MP5C	Z	-4.239	2
51	MP5C	Mx	-.004	2
52	MP5C	X	-7.342	4
53	MP5C	Z	-4.239	4
54	MP5C	Mx	-.004	4
55	MP4A	X	-8.824	.5
56	MP4A	Z	-5.095	.5
57	MP4A	Mx	.005	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP4A	X	-8.824	3.5
59	MP4A	Z	-5.095	3.5
60	MP4A	Mx	.005	3.5
61	MP4B	X	-13.029	.5
62	MP4B	Z	-7.522	.5
63	MP4B	Mx	-.001	.5
64	MP4B	X	-13.029	3.5
65	MP4B	Z	-7.522	3.5
66	MP4B	Mx	-.001	3.5
67	MP4C	X	-10.284	.5
68	MP4C	Z	-5.938	.5
69	MP4C	Mx	-.005	.5
70	MP4C	X	-10.284	3.5
71	MP4C	Z	-5.938	3.5
72	MP4C	Mx	-.005	3.5
73	MP1A	X	-2.629	2
74	MP1A	Z	-1.518	2
75	MP1A	Mx	.001	2
76	MP1B	X	-5.477	2
77	MP1B	Z	-3.162	2
78	MP1B	Mx	-.000549	2
79	MP1C	X	-2.629	2
80	MP1C	Z	-1.518	2
81	MP1C	Mx	-.001	2
82	M50	X	-2.36	2
83	M50	Z	-1.363	2
84	M50	Mx	0	2
85	M201	X	-9.497	1.5
86	M201	Z	-5.483	1.5
87	M201	Mx	0	1.5
88	M41	X	-8.977	1.5
89	M41	Z	-5.183	1.5
90	M41	Mx	0	1.5
91	M188A	X	-12.277	2
92	M188A	Z	-7.088	2
93	M188A	Mx	0	2
94	M51	X	-2.36	2
95	M51	Z	-1.363	2
96	M51	Mx	0	2
97	M200	X	-2.36	2
98	M200	Z	-1.363	2
99	M200	Mx	0	2
100	M202	X	-9.497	1.5
101	M202	Z	-5.483	1.5
102	M202	Mx	0	1.5
103	M203	X	-9.497	1.5
104	M203	Z	-5.483	1.5
105	M203	Mx	0	1.5
106	M49	X	-8.977	1.5
107	M49	Z	-5.183	1.5
108	M49	Mx	0	1.5
109	M45	X	-8.977	1.5
110	M45	Z	-5.183	1.5
111	M45	Mx	0	1.5
112	M188A	X	-12.277	2
113	M188A	Z	-7.088	2
114	M188A	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft, %]
1	MP3A	X	-12.891	.5
2	MP3A	Z	-22.328	.5
3	MP3A	Mx	-.008	.5
4	MP3A	X	-12.891	5.5
5	MP3A	Z	-22.328	5.5
6	MP3A	Mx	-.008	5.5
7	MP3B	X	-13.484	.5
8	MP3B	Z	-23.354	.5
9	MP3B	Mx	.022	.5
10	MP3B	X	-13.484	5.5
11	MP3B	Z	-23.354	5.5
12	MP3B	Mx	.022	5.5
13	MP3C	X	-9.55	.5
14	MP3C	Z	-16.541	.5
15	MP3C	Mx	-.01	.5
16	MP3C	X	-9.55	5.5
17	MP3C	Z	-16.541	5.5
18	MP3C	Mx	-.01	5.5
19	MP3A	X	-12.891	.5
20	MP3A	Z	-22.328	.5
21	MP3A	Mx	.021	.5
22	MP3A	X	-12.891	5.5
23	MP3A	Z	-22.328	5.5
24	MP3A	Mx	.021	5.5
25	MP3B	X	-13.484	.5
26	MP3B	Z	-23.354	.5
27	MP3B	Mx	-.012	.5
28	MP3B	X	-13.484	5.5
29	MP3B	Z	-23.354	5.5
30	MP3B	Mx	-.012	5.5
31	MP3C	X	-9.55	.5
32	MP3C	Z	-16.541	.5
33	MP3C	Mx	-.01	.5
34	MP3C	X	-9.55	5.5
35	MP3C	Z	-16.541	5.5
36	MP3C	Mx	-.01	5.5
37	MP5A	X	-6.377	2
38	MP5A	Z	-11.046	2
39	MP5A	Mx	.003	2
40	MP5A	X	-6.377	4
41	MP5A	Z	-11.046	4
42	MP5A	Mx	.003	4
43	MP5B	X	-6.946	2
44	MP5B	Z	-12.032	2
45	MP5B	Mx	.002	2
46	MP5B	X	-6.946	4
47	MP5B	Z	-12.032	4
48	MP5B	Mx	.002	4
49	MP5C	X	-3.169	2
50	MP5C	Z	-5.49	2
51	MP5C	Mx	-.003	2
52	MP5C	X	-3.169	4
53	MP5C	Z	-5.49	4
54	MP5C	Mx	-.003	4
55	MP4A	X	-6.432	.5
56	MP4A	Z	-11.14	.5
57	MP4A	Mx	.004	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP4A	X	-6.432	3.5
59	MP4A	Z	-11.14	3.5
60	MP4A	Mx	.004	3.5
61	MP4B	X	-7.275	.5
62	MP4B	Z	-12.601	.5
63	MP4B	Mx	.002	.5
64	MP4B	X	-7.275	3.5
65	MP4B	Z	-12.601	3.5
66	MP4B	Mx	.002	3.5
67	MP4C	X	-4.847	.5
68	MP4C	Z	-8.396	.5
69	MP4C	Mx	-.005	.5
70	MP4C	X	-4.847	3.5
71	MP4C	Z	-8.396	3.5
72	MP4C	Mx	-.005	3.5
73	MP1A	X	-2.66	2
74	MP1A	Z	-4.607	2
75	MP1A	Mx	.001	2
76	MP1B	X	-2.964	2
77	MP1B	Z	-5.133	2
78	MP1B	Mx	.001	2
79	MP1C	X	-.947	2
80	MP1C	Z	-1.64	2
81	MP1C	Mx	-.000947	2
82	M50	X	-1.508	2
83	M50	Z	-2.612	2
84	M50	Mx	0	2
85	M201	X	-6.215	1.5
86	M201	Z	-10.765	1.5
87	M201	Mx	0	1.5
88	M41	X	-6.193	1.5
89	M41	Z	-10.727	1.5
90	M41	Mx	0	1.5
91	M188A	X	-8.095	2
92	M188A	Z	-14.022	2
93	M188A	Mx	0	2
94	M51	X	-1.508	2
95	M51	Z	-2.612	2
96	M51	Mx	0	2
97	M200	X	-1.508	2
98	M200	Z	-2.612	2
99	M200	Mx	0	2
100	M202	X	-6.215	1.5
101	M202	Z	-10.765	1.5
102	M202	Mx	0	1.5
103	M203	X	-6.215	1.5
104	M203	Z	-10.765	1.5
105	M203	Mx	0	1.5
106	M49	X	-6.193	1.5
107	M49	Z	-10.727	1.5
108	M49	Mx	0	1.5
109	M45	X	-6.193	1.5
110	M45	Z	-10.727	1.5
111	M45	Mx	0	1.5
112	M188A	X	-8.095	2
113	M188A	Z	-14.022	2
114	M188A	Mx	0	2



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft, %]
1	MP3A	X	0	.5
2	MP3A	Z	-9.21	.5
3	MP3A	Mx	-.006	.5
4	MP3A	X	0	5.5
5	MP3A	Z	-9.21	5.5
6	MP3A	Mx	-.006	5.5
7	MP3B	X	0	.5
8	MP3B	Z	-7.355	.5
9	MP3B	Mx	.006	.5
10	MP3B	X	0	5.5
11	MP3B	Z	-7.355	5.5
12	MP3B	Mx	.006	5.5
13	MP3C	X	0	.5
14	MP3C	Z	-6.839	.5
15	MP3C	Mx	-.000682	.5
16	MP3C	X	0	5.5
17	MP3C	Z	-6.839	5.5
18	MP3C	Mx	-.000682	5.5
19	MP3A	X	0	.5
20	MP3A	Z	-9.21	.5
21	MP3A	Mx	.006	.5
22	MP3A	X	0	5.5
23	MP3A	Z	-9.21	5.5
24	MP3A	Mx	.006	5.5
25	MP3B	X	0	.5
26	MP3B	Z	-7.355	.5
27	MP3B	Mx	-.000335	.5
28	MP3B	X	0	5.5
29	MP3B	Z	-7.355	5.5
30	MP3B	Mx	-.000335	5.5
31	MP3C	X	0	.5
32	MP3C	Z	-6.839	.5
33	MP3C	Mx	-.005	.5
34	MP3C	X	0	5.5
35	MP3C	Z	-6.839	5.5
36	MP3C	Mx	-.005	5.5
37	MP5A	X	0	2
38	MP5A	Z	-4.752	2
39	MP5A	Mx	0	2
40	MP5A	X	0	4
41	MP5A	Z	-4.752	4
42	MP5A	Mx	0	4
43	MP5B	X	0	2
44	MP5B	Z	-3.055	2
45	MP5B	Mx	.001	2
46	MP5B	X	0	4
47	MP5B	Z	-3.055	4
48	MP5B	Mx	.001	4
49	MP5C	X	0	2
50	MP5C	Z	-2.583	2
51	MP5C	Mx	-.001	2
52	MP5C	X	0	4
53	MP5C	Z	-2.583	4
54	MP5C	Mx	-.001	4
55	MP4A	X	0	.5
56	MP4A	Z	-4.793	.5
57	MP4A	Mx	.000416	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP4A	X	0	3.5
59	MP4A	Z	-4.793	3.5
60	MP4A	Mx	.000416	3.5
61	MP4B	X	0	.5
62	MP4B	Z	-3.691	.5
63	MP4B	Mx	.001	.5
64	MP4B	X	0	3.5
65	MP4B	Z	-3.691	3.5
66	MP4B	Mx	.001	3.5
67	MP4C	X	0	.5
68	MP4C	Z	-3.105	.5
69	MP4C	Mx	-.001	.5
70	MP4C	X	0	3.5
71	MP4C	Z	-3.105	3.5
72	MP4C	Mx	-.001	3.5
73	MP1A	X	0	2
74	MP1A	Z	-1.8	2
75	MP1A	Mx	0	2
76	MP1B	X	0	2
77	MP1B	Z	-.951	2
78	MP1B	Mx	.000364	2
79	MP1C	X	0	2
80	MP1C	Z	-.715	2
81	MP1C	Mx	-.00031	2
82	M50	X	0	2
83	M50	Z	-.721	2
84	M50	Mx	0	2
85	M201	X	0	1.5
86	M201	Z	-3.634	1.5
87	M201	Mx	0	1.5
88	M41	X	0	1.5
89	M41	Z	-3.578	1.5
90	M41	Mx	0	1.5
91	M188A	X	0	2
92	M188A	Z	-4.847	2
93	M188A	Mx	0	2
94	M51	X	0	2
95	M51	Z	-.721	2
96	M51	Mx	0	2
97	M200	X	0	2
98	M200	Z	-.721	2
99	M200	Mx	0	2
100	M202	X	0	1.5
101	M202	Z	-3.634	1.5
102	M202	Mx	0	1.5
103	M203	X	0	1.5
104	M203	Z	-3.634	1.5
105	M203	Mx	0	1.5
106	M49	X	0	1.5
107	M49	Z	-3.578	1.5
108	M49	Mx	0	1.5
109	M45	X	0	1.5
110	M45	Z	-3.578	1.5
111	M45	Mx	0	1.5
112	M188A	X	0	2
113	M188A	Z	-4.847	2
114	M188A	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft, %]
1	MP3A	X	4.21	.5
2	MP3A	Z	-7.292	.5
3	MP3A	Mx	-.007	.5
4	MP3A	X	4.21	5.5
5	MP3A	Z	-7.292	5.5
6	MP3A	Mx	-.007	5.5
7	MP3B	X	3.072	.5
8	MP3B	Z	-5.321	.5
9	MP3B	Mx	.004	.5
10	MP3B	X	3.072	5.5
11	MP3B	Z	-5.321	5.5
12	MP3B	Mx	.004	5.5
13	MP3C	X	4.21	.5
14	MP3C	Z	-7.292	.5
15	MP3C	Mx	.003	.5
16	MP3C	X	4.21	5.5
17	MP3C	Z	-7.292	5.5
18	MP3C	Mx	.003	5.5
19	MP3A	X	4.21	.5
20	MP3A	Z	-7.292	.5
21	MP3A	Mx	.003	.5
22	MP3A	X	4.21	5.5
23	MP3A	Z	-7.292	5.5
24	MP3A	Mx	.003	5.5
25	MP3B	X	3.072	.5
26	MP3B	Z	-5.321	.5
27	MP3B	Mx	.002	.5
28	MP3B	X	3.072	5.5
29	MP3B	Z	-5.321	5.5
30	MP3B	Mx	.002	5.5
31	MP3C	X	4.21	.5
32	MP3C	Z	-7.292	.5
33	MP3C	Mx	-.007	.5
34	MP3C	X	4.21	5.5
35	MP3C	Z	-7.292	5.5
36	MP3C	Mx	-.007	5.5
37	MP5A	X	2.014	2
38	MP5A	Z	-3.489	2
39	MP5A	Mx	-.001	2
40	MP5A	X	2.014	4
41	MP5A	Z	-3.489	4
42	MP5A	Mx	-.001	4
43	MP5B	X	.974	2
44	MP5B	Z	-1.686	2
45	MP5B	Mx	.000959	2
46	MP5B	X	.974	4
47	MP5B	Z	-1.686	4
48	MP5B	Mx	.000959	4
49	MP5C	X	2.014	2
50	MP5C	Z	-3.489	2
51	MP5C	Mx	-.001	2
52	MP5C	X	2.014	4
53	MP5C	Z	-3.489	4
54	MP5C	Mx	-.001	4
55	MP4A	X	2.311	.5
56	MP4A	Z	-4.002	.5
57	MP4A	Mx	-.00079	.5

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

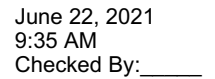
	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP4A	X	2.311	3.5
59	MP4A	Z	-4.002	3.5
60	MP4A	Mx	-.00079	3.5
61	MP4B	X	1.466	.5
62	MP4B	Z	-2.54	.5
63	MP4B	Mx	.001	.5
64	MP4B	X	1.466	3.5
65	MP4B	Z	-2.54	3.5
66	MP4B	Mx	.001	3.5
67	MP4C	X	2.017	.5
68	MP4C	Z	-3.494	.5
69	MP4C	Mx	-.001	.5
70	MP4C	X	2.017	3.5
71	MP4C	Z	-3.494	3.5
72	MP4C	Mx	-.001	3.5
73	MP1A	X	.719	2
74	MP1A	Z	-1.245	2
75	MP1A	Mx	-.00036	2
76	MP1B	X	.198	2
77	MP1B	Z	-.343	2
78	MP1B	Mx	.000195	2
79	MP1C	X	.719	2
80	MP1C	Z	-1.245	2
81	MP1C	Mx	-.000359	2
82	M50	X	.306	2
83	M50	Z	-.531	2
84	M50	Mx	0	2
85	M201	X	1.523	1.5
86	M201	Z	-2.637	1.5
87	M201	Mx	0	1.5
88	M41	X	1.382	1.5
89	M41	Z	-2.393	1.5
90	M41	Mx	0	1.5
91	M188A	X	2.007	2
92	M188A	Z	-3.477	2
93	M188A	Mx	0	2
94	M51	X	.306	2
95	M51	Z	-.531	2
96	M51	Mx	0	2
97	M200	X	.306	2
98	M200	Z	-.531	2
99	M200	Mx	0	2
100	M202	X	1.523	1.5
101	M202	Z	-2.637	1.5
102	M202	Mx	0	1.5
103	M203	X	1.523	1.5
104	M203	Z	-2.637	1.5
105	M203	Mx	0	1.5
106	M49	X	1.382	1.5
107	M49	Z	-2.393	1.5
108	M49	Mx	0	1.5
109	M45	X	1.382	1.5
110	M45	Z	-2.393	1.5
111	M45	Mx	0	1.5
112	M188A	X	2.007	2
113	M188A	Z	-3.477	2
114	M188A	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft, %]
1	MP3A	X	5.923	.5
2	MP3A	Z	-3.42	.5
3	MP3A	Mx	-.005	.5
4	MP3A	X	5.923	5.5
5	MP3A	Z	-3.42	5.5
6	MP3A	Mx	-.005	5.5
7	MP3B	X	5.559	.5
8	MP3B	Z	-3.209	.5
9	MP3B	Mx	.002	.5
10	MP3B	X	5.559	5.5
11	MP3B	Z	-3.209	5.5
12	MP3B	Mx	.002	5.5
13	MP3C	X	7.976	.5
14	MP3C	Z	-4.605	.5
15	MP3C	Mx	.006	.5
16	MP3C	X	7.976	5.5
17	MP3C	Z	-4.605	5.5
18	MP3C	Mx	.006	5.5
19	MP3A	X	5.923	.5
20	MP3A	Z	-3.42	.5
21	MP3A	Mx	-.000681	.5
22	MP3A	X	5.923	5.5
23	MP3A	Z	-3.42	5.5
24	MP3A	Mx	-.000681	5.5
25	MP3B	X	5.559	.5
26	MP3B	Z	-3.209	.5
27	MP3B	Mx	.004	.5
28	MP3B	X	5.559	5.5
29	MP3B	Z	-3.209	5.5
30	MP3B	Mx	.004	5.5
31	MP3C	X	7.976	.5
32	MP3C	Z	-4.605	.5
33	MP3C	Mx	-.006	.5
34	MP3C	X	7.976	5.5
35	MP3C	Z	-4.605	5.5
36	MP3C	Mx	-.006	5.5
37	MP5A	X	2.237	2
38	MP5A	Z	-1.292	2
39	MP5A	Mx	-.001	2
40	MP5A	X	2.237	4
41	MP5A	Z	-1.292	4
42	MP5A	Mx	-.001	4
43	MP5B	X	1.904	2
44	MP5B	Z	-1.099	2
45	MP5B	Mx	.001	2
46	MP5B	X	1.904	4
47	MP5B	Z	-1.099	4
48	MP5B	Mx	.001	4
49	MP5C	X	4.115	2
50	MP5C	Z	-2.376	2
51	MP5C	Mx	0	2
52	MP5C	X	4.115	4
53	MP5C	Z	-2.376	4
54	MP5C	Mx	0	4
55	MP4A	X	3.196	.5
56	MP4A	Z	-1.845	.5
57	MP4A	Mx	-.001	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP4A	X	3.196	3.5
59	MP4A	Z	-1.845	3.5
60	MP4A	Mx	-.001	3.5
61	MP4B	X	2.689	.5
62	MP4B	Z	-1.552	.5
63	MP4B	Mx	.001	.5
64	MP4B	X	2.689	3.5
65	MP4B	Z	-1.552	3.5
66	MP4B	Mx	.001	3.5
67	MP4C	X	4.151	.5
68	MP4C	Z	-2.396	.5
69	MP4C	Mx	-.000416	.5
70	MP4C	X	4.151	3.5
71	MP4C	Z	-2.396	3.5
72	MP4C	Mx	-.000416	3.5
73	MP1A	X	.619	2
74	MP1A	Z	-.357	2
75	MP1A	Mx	-.00031	2
76	MP1B	X	.452	2
77	MP1B	Z	-.261	2
78	MP1B	Mx	.000245	2
79	MP1C	X	1.558	2
80	MP1C	Z	-.9	2
81	MP1C	Mx	0	2
82	M50	X	.454	2
83	M50	Z	-.262	2
84	M50	Mx	0	2
85	M201	X	2.222	1.5
86	M201	Z	-1.283	1.5
87	M201	Mx	0	1.5
88	M41	X	1.818	1.5
89	M41	Z	-1.05	1.5
90	M41	Mx	0	1.5
91	M188A	X	2.889	2
92	M188A	Z	-1.668	2
93	M188A	Mx	0	2
94	M51	X	.454	2
95	M51	Z	-.262	2
96	M51	Mx	0	2
97	M200	X	.454	2
98	M200	Z	-.262	2
99	M200	Mx	0	2
100	M202	X	2.222	1.5
101	M202	Z	-1.283	1.5
102	M202	Mx	0	1.5
103	M203	X	2.222	1.5
104	M203	Z	-1.283	1.5
105	M203	Mx	0	1.5
106	M49	X	1.818	1.5
107	M49	Z	-1.05	1.5
108	M49	Mx	0	1.5
109	M45	X	1.818	1.5
110	M45	Z	-1.05	1.5
111	M45	Mx	0	1.5
112	M188A	X	2.889	2
113	M188A	Z	-1.668	2
114	M188A	Mx	0	2



	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP3A	X	6.049	.5
2	MP3A	Z	0	.5
3	MP3A	Mx	-.003	.5
4	MP3A	X	6.049	5.5
5	MP3A	Z	0	5.5
6	MP3A	Mx	-.003	5.5
7	MP3B	X	7.904	.5
8	MP3B	Z	0	.5
9	MP3B	Mx	-.001	.5
10	MP3B	X	7.904	5.5
11	MP3B	Z	0	5.5
12	MP3B	Mx	-.001	5.5
13	MP3C	X	8.42	.5
14	MP3C	Z	0	.5
15	MP3C	Mx	.007	.5
16	MP3C	X	8.42	5.5
17	MP3C	Z	0	5.5
18	MP3C	Mx	.007	5.5
19	MP3A	X	6.049	.5
20	MP3A	Z	0	.5
21	MP3A	Mx	-.003	.5
22	MP3A	X	6.049	5.5
23	MP3A	Z	0	5.5
24	MP3A	Mx	-.003	5.5
25	MP3B	X	7.904	.5
26	MP3B	Z	0	.5
27	MP3B	Mx	.007	.5
28	MP3B	X	7.904	5.5
29	MP3B	Z	0	5.5
30	MP3B	Mx	.007	5.5
31	MP3C	X	8.42	.5
32	MP3C	Z	0	.5
33	MP3C	Mx	-.003	.5
34	MP3C	X	8.42	5.5
35	MP3C	Z	0	5.5
36	MP3C	Mx	-.003	5.5
37	MP5A	X	1.86	2
38	MP5A	Z	0	2
39	MP5A	Mx	-.00093	2
40	MP5A	X	1.86	4
41	MP5A	Z	0	4
42	MP5A	Mx	-.00093	4
43	MP5B	X	3.557	2
44	MP5B	Z	0	2
45	MP5B	Mx	.001	2
46	MP5B	X	3.557	4
47	MP5B	Z	0	4
48	MP5B	Mx	.001	4
49	MP5C	X	4.029	2
50	MP5C	Z	0	2
51	MP5C	Mx	.001	2
52	MP5C	X	4.029	4
53	MP5C	Z	0	4
54	MP5C	Mx	.001	4
55	MP4A	X	2.933	.5
56	MP4A	Z	0	.5
57	MP4A	Mx	-.001	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP4A	X	2.933	3.5
59	MP4A	Z	0	3.5
60	MP4A	Mx	-.001	3.5
61	MP4B	X	4.035	.5
62	MP4B	Z	0	.5
63	MP4B	Mx	.001	.5
64	MP4B	X	4.035	3.5
65	MP4B	Z	0	3.5
66	MP4B	Mx	.001	3.5
67	MP4C	X	4.621	.5
68	MP4C	Z	0	.5
69	MP4C	Mx	.00079	.5
70	MP4C	X	4.621	3.5
71	MP4C	Z	0	3.5
72	MP4C	Mx	.00079	3.5
73	MP1A	X	.353	2
74	MP1A	Z	0	2
75	MP1A	Mx	-.000176	2
76	MP1B	X	1.202	2
77	MP1B	Z	0	2
78	MP1B	Mx	.000386	2
79	MP1C	X	1.438	2
80	MP1C	Z	0	2
81	MP1C	Mx	.00036	2
82	M50	X	.545	2
83	M50	Z	0	2
84	M50	Mx	0	2
85	M201	X	2.674	1.5
86	M201	Z	0	1.5
87	M201	Mx	0	1.5
88	M41	X	2.25	1.5
89	M41	Z	0	1.5
90	M41	Mx	0	1.5
91	M188A	X	3.49	2
92	M188A	Z	0	2
93	M188A	Mx	0	2
94	M51	X	.545	2
95	M51	Z	0	2
96	M51	Mx	0	2
97	M200	X	.545	2
98	M200	Z	0	2
99	M200	Mx	0	2
100	M202	X	2.674	1.5
101	M202	Z	0	1.5
102	M202	Mx	0	1.5
103	M203	X	2.674	1.5
104	M203	Z	0	1.5
105	M203	Mx	0	1.5
106	M49	X	2.25	1.5
107	M49	Z	0	1.5
108	M49	Mx	0	1.5
109	M45	X	2.25	1.5
110	M45	Z	0	1.5
111	M45	Mx	0	1.5
112	M188A	X	3.49	2
113	M188A	Z	0	2
114	M188A	Mx	0	2

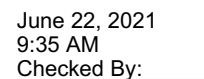


### Member Point Loads (BLC 31 : Antenna Wm (120 Deg))

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft, %]
1	MP3A	X	5.923	.5
2	MP3A	Z	3.42	.5
3	MP3A	Mx	-.000681	.5
4	MP3A	X	5.923	5.5
5	MP3A	Z	3.42	5.5
6	MP3A	Mx	-.000681	5.5
7	MP3B	X	7.893	.5
8	MP3B	Z	4.557	.5
9	MP3B	Mx	-.005	.5
10	MP3B	X	7.893	5.5
11	MP3B	Z	4.557	5.5
12	MP3B	Mx	-.005	5.5
13	MP3C	X	5.923	.5
14	MP3C	Z	3.42	.5
15	MP3C	Mx	.005	.5
16	MP3C	X	5.923	5.5
17	MP3C	Z	3.42	5.5
18	MP3C	Mx	.005	5.5
19	MP3A	X	5.923	.5
20	MP3A	Z	3.42	.5
21	MP3A	Mx	-.005	.5
22	MP3A	X	5.923	5.5
23	MP3A	Z	3.42	5.5
24	MP3A	Mx	-.005	5.5
25	MP3B	X	7.893	.5
26	MP3B	Z	4.557	.5
27	MP3B	Mx	.007	.5
28	MP3B	X	7.893	5.5
29	MP3B	Z	4.557	5.5
30	MP3B	Mx	.007	5.5
31	MP3C	X	5.923	.5
32	MP3C	Z	3.42	.5
33	MP3C	Mx	.000682	.5
34	MP3C	X	5.923	5.5
35	MP3C	Z	3.42	5.5
36	MP3C	Mx	.000682	5.5
37	MP5A	X	2.237	2
38	MP5A	Z	1.292	2
39	MP5A	Mx	-.001	2
40	MP5A	X	2.237	4
41	MP5A	Z	1.292	4
42	MP5A	Mx	-.001	4
43	MP5B	X	4.039	2
44	MP5B	Z	2.332	2
45	MP5B	Mx	.000405	2
46	MP5B	X	4.039	4
47	MP5B	Z	2.332	4
48	MP5B	Mx	.000405	4
49	MP5C	X	2.237	2
50	MP5C	Z	1.292	2
51	MP5C	Mx	.001	2
52	MP5C	X	2.237	4
53	MP5C	Z	1.292	4
54	MP5C	Mx	.001	4
55	MP4A	X	2.689	.5
56	MP4A	Z	1.552	.5
57	MP4A	Mx	-.001	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP4A	X	2.689	3.5
59	MP4A	Z	1.552	3.5
60	MP4A	Mx	-.001	3.5
61	MP4B	X	4.151	.5
62	MP4B	Z	2.396	.5
63	MP4B	Mx	.000416	.5
64	MP4B	X	4.151	3.5
65	MP4B	Z	2.396	3.5
66	MP4B	Mx	.000416	3.5
67	MP4C	X	3.196	.5
68	MP4C	Z	1.845	.5
69	MP4C	Mx	.001	.5
70	MP4C	X	3.196	3.5
71	MP4C	Z	1.845	3.5
72	MP4C	Mx	.001	3.5
73	MP1A	X	.619	2
74	MP1A	Z	.357	2
75	MP1A	Mx	-.00031	2
76	MP1B	X	1.521	2
77	MP1B	Z	.878	2
78	MP1B	Mx	.000153	2
79	MP1C	X	.619	2
80	MP1C	Z	.357	2
81	MP1C	Mx	.000309	2
82	M50	X	.565	2
83	M50	Z	.326	2
84	M50	Mx	0	2
85	M201	X	2.826	1.5
86	M201	Z	1.632	1.5
87	M201	Mx	0	1.5
88	M41	X	2.654	1.5
89	M41	Z	1.532	1.5
90	M41	Mx	0	1.5
91	M188A	X	3.743	2
92	M188A	Z	2.161	2
93	M188A	Mx	0	2
94	M51	X	.565	2
95	M51	Z	.326	2
96	M51	Mx	0	2
97	M200	X	.565	2
98	M200	Z	.326	2
99	M200	Mx	0	2
100	M202	X	2.826	1.5
101	M202	Z	1.632	1.5
102	M202	Mx	0	1.5
103	M203	X	2.826	1.5
104	M203	Z	1.632	1.5
105	M203	Mx	0	1.5
106	M49	X	2.654	1.5
107	M49	Z	1.532	1.5
108	M49	Mx	0	1.5
109	M45	X	2.654	1.5
110	M45	Z	1.532	1.5
111	M45	Mx	0	1.5
112	M188A	X	3.743	2
113	M188A	Z	2.161	2
114	M188A	Mx	0	2



	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP3A	X	4.21	.5
2	MP3A	Z	7.292	.5
3	MP3A	Mx	.003	.5
4	MP3A	X	4.21	5.5
5	MP3A	Z	7.292	5.5
6	MP3A	Mx	.003	5.5
7	MP3B	X	4.42	.5
8	MP3B	Z	7.656	.5
9	MP3B	Mx	-.007	.5
10	MP3B	X	4.42	5.5
11	MP3B	Z	7.656	5.5
12	MP3B	Mx	-.007	5.5
13	MP3C	X	3.024	.5
14	MP3C	Z	5.239	.5
15	MP3C	Mx	.003	.5
16	MP3C	X	3.024	5.5
17	MP3C	Z	5.239	5.5
18	MP3C	Mx	.003	5.5
19	MP3A	X	4.21	.5
20	MP3A	Z	7.292	.5
21	MP3A	Mx	-.007	.5
22	MP3A	X	4.21	5.5
23	MP3A	Z	7.292	5.5
24	MP3A	Mx	-.007	5.5
25	MP3B	X	4.42	.5
26	MP3B	Z	7.656	.5
27	MP3B	Mx	.004	.5
28	MP3B	X	4.42	5.5
29	MP3B	Z	7.656	5.5
30	MP3B	Mx	.004	5.5
31	MP3C	X	3.024	.5
32	MP3C	Z	5.239	.5
33	MP3C	Mx	.003	.5
34	MP3C	X	3.024	5.5
35	MP3C	Z	5.239	5.5
36	MP3C	Mx	.003	5.5
37	MP5A	X	2.014	2
38	MP5A	Z	3.489	2
39	MP5A	Mx	-.001	2
40	MP5A	X	2.014	4
41	MP5A	Z	3.489	4
42	MP5A	Mx	-.001	4
43	MP5B	X	2.207	2
44	MP5B	Z	3.822	2
45	MP5B	Mx	-.000755	2
46	MP5B	X	2.207	4
47	MP5B	Z	3.822	4
48	MP5B	Mx	-.000755	4
49	MP5C	X	.93	2
50	MP5C	Z	1.611	2
51	MP5C	Mx	.00093	2
52	MP5C	X	.93	4
53	MP5C	Z	1.611	4
54	MP5C	Mx	.00093	4
55	MP4A	X	2.017	.5
56	MP4A	Z	3.494	.5
57	MP4A	Mx	-.001	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP4A	X	2.017	3.5
59	MP4A	Z	3.494	3.5
60	MP4A	Mx	-.001	3.5
61	MP4B	X	2.311	.5
62	MP4B	Z	4.002	.5
63	MP4B	Mx	-.00079	.5
64	MP4B	X	2.311	3.5
65	MP4B	Z	4.002	3.5
66	MP4B	Mx	-.00079	3.5
67	MP4C	X	1.466	.5
68	MP4C	Z	2.54	.5
69	MP4C	Mx	.001	.5
70	MP4C	X	1.466	3.5
71	MP4C	Z	2.54	3.5
72	MP4C	Mx	.001	3.5
73	MP1A	X	.719	2
74	MP1A	Z	1.245	2
75	MP1A	Mx	-.00036	2
76	MP1B	X	.815	2
77	MP1B	Z	1.412	2
78	MP1B	Mx	-.000279	2
79	MP1C	X	.176	2
80	MP1C	Z	.306	2
81	MP1C	Mx	.000177	2
82	M50	X	.371	2
83	M50	Z	.642	2
84	M50	Mx	0	2
85	M201	X	1.872	1.5
86	M201	Z	3.242	1.5
87	M201	Mx	0	1.5
88	M41	X	1.864	1.5
89	M41	Z	3.229	1.5
90	M41	Mx	0	1.5
91	M188A	X	2.501	2
92	M188A	Z	4.331	2
93	M188A	Mx	0	2
94	M51	X	.371	2
95	M51	Z	.642	2
96	M51	Mx	0	2
97	M200	X	.371	2
98	M200	Z	.642	2
99	M200	Mx	0	2
100	M202	X	1.872	1.5
101	M202	Z	3.242	1.5
102	M202	Mx	0	1.5
103	M203	X	1.872	1.5
104	M203	Z	3.242	1.5
105	M203	Mx	0	1.5
106	M49	X	1.864	1.5
107	M49	Z	3.229	1.5
108	M49	Mx	0	1.5
109	M45	X	1.864	1.5
110	M45	Z	3.229	1.5
111	M45	Mx	0	1.5
112	M188A	X	2.501	2
113	M188A	Z	4.331	2
114	M188A	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft, %]
1	MP3A	X	0	.5
2	MP3A	Z	9.21	.5
3	MP3A	Mx	.006	.5
4	MP3A	X	0	5.5
5	MP3A	Z	9.21	5.5
6	MP3A	Mx	.006	5.5
7	MP3B	X	0	.5
8	MP3B	Z	7.355	.5
9	MP3B	Mx	-.006	.5
10	MP3B	X	0	5.5
11	MP3B	Z	7.355	5.5
12	MP3B	Mx	-.006	5.5
13	MP3C	X	0	.5
14	MP3C	Z	6.839	.5
15	MP3C	Mx	.000682	.5
16	MP3C	X	0	5.5
17	MP3C	Z	6.839	5.5
18	MP3C	Mx	.000682	5.5
19	MP3A	X	0	.5
20	MP3A	Z	9.21	.5
21	MP3A	Mx	-.006	.5
22	MP3A	X	0	5.5
23	MP3A	Z	9.21	5.5
24	MP3A	Mx	-.006	5.5
25	MP3B	X	0	.5
26	MP3B	Z	7.355	.5
27	MP3B	Mx	.000335	.5
28	MP3B	X	0	5.5
29	MP3B	Z	7.355	5.5
30	MP3B	Mx	.000335	5.5
31	MP3C	X	0	.5
32	MP3C	Z	6.839	.5
33	MP3C	Mx	.005	.5
34	MP3C	X	0	5.5
35	MP3C	Z	6.839	5.5
36	MP3C	Mx	.005	5.5
37	MP5A	X	0	2
38	MP5A	Z	4.752	2
39	MP5A	Mx	0	2
40	MP5A	X	0	4
41	MP5A	Z	4.752	4
42	MP5A	Mx	0	4
43	MP5B	X	0	2
44	MP5B	Z	3.055	2
45	MP5B	Mx	-.001	2
46	MP5B	X	0	4
47	MP5B	Z	3.055	4
48	MP5B	Mx	-.001	4
49	MP5C	X	0	2
50	MP5C	Z	2.583	2
51	MP5C	Mx	.001	2
52	MP5C	X	0	4
53	MP5C	Z	2.583	4
54	MP5C	Mx	.001	4
55	MP4A	X	0	.5
56	MP4A	Z	4.793	.5
57	MP4A	Mx	-.000416	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP4A	X	0	3.5
59	MP4A	Z	4.793	3.5
60	MP4A	Mx	-.000416	3.5
61	MP4B	X	0	.5
62	MP4B	Z	3.691	.5
63	MP4B	Mx	-.001	.5
64	MP4B	X	0	3.5
65	MP4B	Z	3.691	3.5
66	MP4B	Mx	-.001	3.5
67	MP4C	X	0	.5
68	MP4C	Z	3.105	.5
69	MP4C	Mx	.001	.5
70	MP4C	X	0	3.5
71	MP4C	Z	3.105	3.5
72	MP4C	Mx	.001	3.5
73	MP1A	X	0	2
74	MP1A	Z	1.8	2
75	MP1A	Mx	0	2
76	MP1B	X	0	2
77	MP1B	Z	.951	2
78	MP1B	Mx	-.000364	2
79	MP1C	X	0	2
80	MP1C	Z	.715	2
81	MP1C	Mx	.00031	2
82	M50	X	0	2
83	M50	Z	.721	2
84	M50	Mx	0	2
85	M201	X	0	1.5
86	M201	Z	3.634	1.5
87	M201	Mx	0	1.5
88	M41	X	0	1.5
89	M41	Z	3.578	1.5
90	M41	Mx	0	1.5
91	M188A	X	0	2
92	M188A	Z	4.847	2
93	M188A	Mx	0	2
94	M51	X	0	2
95	M51	Z	.721	2
96	M51	Mx	0	2
97	M200	X	0	2
98	M200	Z	.721	2
99	M200	Mx	0	2
100	M202	X	0	1.5
101	M202	Z	3.634	1.5
102	M202	Mx	0	1.5
103	M203	X	0	1.5
104	M203	Z	3.634	1.5
105	M203	Mx	0	1.5
106	M49	X	0	1.5
107	M49	Z	3.578	1.5
108	M49	Mx	0	1.5
109	M45	X	0	1.5
110	M45	Z	3.578	1.5
111	M45	Mx	0	1.5
112	M188A	X	0	2
113	M188A	Z	4.847	2
114	M188A	Mx	0	2

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP3A	X	-4.21	.5
2	MP3A	Z	7.292	.5
3	MP3A	Mx	.007	.5
4	MP3A	X	-4.21	5.5
5	MP3A	Z	7.292	5.5
6	MP3A	Mx	.007	5.5
7	MP3B	X	-3.072	.5
8	MP3B	Z	5.321	.5
9	MP3B	Mx	-.004	.5
10	MP3B	X	-3.072	5.5
11	MP3B	Z	5.321	5.5
12	MP3B	Mx	-.004	5.5
13	MP3C	X	-4.21	.5
14	MP3C	Z	7.292	.5
15	MP3C	Mx	-.003	.5
16	MP3C	X	-4.21	5.5
17	MP3C	Z	7.292	5.5
18	MP3C	Mx	-.003	5.5
19	MP3A	X	-4.21	.5
20	MP3A	Z	7.292	.5
21	MP3A	Mx	-.003	.5
22	MP3A	X	-4.21	5.5
23	MP3A	Z	7.292	5.5
24	MP3A	Mx	-.003	5.5
25	MP3B	X	-3.072	.5
26	MP3B	Z	5.321	.5
27	MP3B	Mx	-.002	.5
28	MP3B	X	-3.072	5.5
29	MP3B	Z	5.321	5.5
30	MP3B	Mx	-.002	5.5
31	MP3C	X	-4.21	.5
32	MP3C	Z	7.292	.5
33	MP3C	Mx	.007	.5
34	MP3C	X	-4.21	5.5
35	MP3C	Z	7.292	5.5
36	MP3C	Mx	.007	5.5
37	MP5A	X	-2.014	2
38	MP5A	Z	3.489	2
39	MP5A	Mx	.001	2
40	MP5A	X	-2.014	4
41	MP5A	Z	3.489	4
42	MP5A	Mx	.001	4
43	MP5B	X	-.974	2
44	MP5B	Z	1.686	2
45	MP5B	Mx	-.000959	2
46	MP5B	X	-.974	4
47	MP5B	Z	1.686	4
48	MP5B	Mx	-.000959	4
49	MP5C	X	-2.014	2
50	MP5C	Z	3.489	2
51	MP5C	Mx	.001	2
52	MP5C	X	-2.014	4
53	MP5C	Z	3.489	4
54	MP5C	Mx	.001	4
55	MP4A	X	-2.311	.5
56	MP4A	Z	4.002	.5
57	MP4A	Mx	.00079	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP4A	X	-2.311	3.5
59	MP4A	Z	4.002	3.5
60	MP4A	Mx	.00079	3.5
61	MP4B	X	-1.466	.5
62	MP4B	Z	2.54	.5
63	MP4B	Mx	-.001	.5
64	MP4B	X	-1.466	3.5
65	MP4B	Z	2.54	3.5
66	MP4B	Mx	-.001	3.5
67	MP4C	X	-2.017	.5
68	MP4C	Z	3.494	.5
69	MP4C	Mx	.001	.5
70	MP4C	X	-2.017	3.5
71	MP4C	Z	3.494	3.5
72	MP4C	Mx	.001	3.5
73	MP1A	X	-.719	2
74	MP1A	Z	1.245	2
75	MP1A	Mx	.00036	2
76	MP1B	X	-.198	2
77	MP1B	Z	.343	2
78	MP1B	Mx	-.000195	2
79	MP1C	X	-.719	2
80	MP1C	Z	1.245	2
81	MP1C	Mx	.000359	2
82	M50	X	-.306	2
83	M50	Z	.531	2
84	M50	Mx	0	2
85	M201	X	-1.523	1.5
86	M201	Z	2.637	1.5
87	M201	Mx	0	1.5
88	M41	X	-1.382	1.5
89	M41	Z	2.393	1.5
90	M41	Mx	0	1.5
91	M188A	X	-2.007	2
92	M188A	Z	3.477	2
93	M188A	Mx	0	2
94	M51	X	-.306	2
95	M51	Z	.531	2
96	M51	Mx	0	2
97	M200	X	-.306	2
98	M200	Z	.531	2
99	M200	Mx	0	2
100	M202	X	-1.523	1.5
101	M202	Z	2.637	1.5
102	M202	Mx	0	1.5
103	M203	X	-1.523	1.5
104	M203	Z	2.637	1.5
105	M203	Mx	0	1.5
106	M49	X	-1.382	1.5
107	M49	Z	2.393	1.5
108	M49	Mx	0	1.5
109	M45	X	-1.382	1.5
110	M45	Z	2.393	1.5
111	M45	Mx	0	1.5
112	M188A	X	-2.007	2
113	M188A	Z	3.477	2
114	M188A	Mx	0	2





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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP4A	X	-3.196	3.5
59	MP4A	Z	1.845	3.5
60	MP4A	Mx	.001	3.5
61	MP4B	X	-2.689	.5
62	MP4B	Z	1.552	.5
63	MP4B	Mx	-.001	.5
64	MP4B	X	-2.689	3.5
65	MP4B	Z	1.552	3.5
66	MP4B	Mx	-.001	3.5
67	MP4C	X	-4.151	.5
68	MP4C	Z	2.396	.5
69	MP4C	Mx	.000416	.5
70	MP4C	X	-4.151	3.5
71	MP4C	Z	2.396	3.5
72	MP4C	Mx	.000416	3.5
73	MP1A	X	-.619	2
74	MP1A	Z	.357	2
75	MP1A	Mx	.00031	2
76	MP1B	X	-.452	2
77	MP1B	Z	.261	2
78	MP1B	Mx	-.000245	2
79	MP1C	X	-1.558	2
80	MP1C	Z	.9	2
81	MP1C	Mx	0	2
82	M50	X	-.454	2
83	M50	Z	.262	2
84	M50	Mx	0	2
85	M201	X	-2.222	1.5
86	M201	Z	1.283	1.5
87	M201	Mx	0	1.5
88	M41	X	-1.818	1.5
89	M41	Z	1.05	1.5
90	M41	Mx	0	1.5
91	M188A	X	-2.889	2
92	M188A	Z	1.668	2
93	M188A	Mx	0	2
94	M51	X	-.454	2
95	M51	Z	.262	2
96	M51	Mx	0	2
97	M200	X	-.454	2
98	M200	Z	.262	2
99	M200	Mx	0	2
100	M202	X	-2.222	1.5
101	M202	Z	1.283	1.5
102	M202	Mx	0	1.5
103	M203	X	-2.222	1.5
104	M203	Z	1.283	1.5
105	M203	Mx	0	1.5
106	M49	X	-1.818	1.5
107	M49	Z	1.05	1.5
108	M49	Mx	0	1.5
109	M45	X	-1.818	1.5
110	M45	Z	1.05	1.5
111	M45	Mx	0	1.5
112	M188A	X	-2.889	2
113	M188A	Z	1.668	2
114	M188A	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft, %]
1	MP3A	X	-6.049	.5
2	MP3A	Z	0	.5
3	MP3A	Mx	.003	.5
4	MP3A	X	-6.049	5.5
5	MP3A	Z	0	5.5
6	MP3A	Mx	.003	5.5
7	MP3B	X	-7.904	.5
8	MP3B	Z	0	.5
9	MP3B	Mx	.001	.5
10	MP3B	X	-7.904	5.5
11	MP3B	Z	0	5.5
12	MP3B	Mx	.001	5.5
13	MP3C	X	-8.42	.5
14	MP3C	Z	0	.5
15	MP3C	Mx	-.007	.5
16	MP3C	X	-8.42	5.5
17	MP3C	Z	0	5.5
18	MP3C	Mx	-.007	5.5
19	MP3A	X	-6.049	.5
20	MP3A	Z	0	.5
21	MP3A	Mx	.003	.5
22	MP3A	X	-6.049	5.5
23	MP3A	Z	0	5.5
24	MP3A	Mx	.003	5.5
25	MP3B	X	-7.904	.5
26	MP3B	Z	0	.5
27	MP3B	Mx	-.007	.5
28	MP3B	X	-7.904	5.5
29	MP3B	Z	0	5.5
30	MP3B	Mx	-.007	5.5
31	MP3C	X	-8.42	.5
32	MP3C	Z	0	.5
33	MP3C	Mx	.003	.5
34	MP3C	X	-8.42	5.5
35	MP3C	Z	0	5.5
36	MP3C	Mx	.003	5.5
37	MP5A	X	-1.86	2
38	MP5A	Z	0	2
39	MP5A	Mx	.00093	2
40	MP5A	X	-1.86	4
41	MP5A	Z	0	4
42	MP5A	Mx	.00093	4
43	MP5B	X	-3.557	2
44	MP5B	Z	0	2
45	MP5B	Mx	-.001	2
46	MP5B	X	-3.557	4
47	MP5B	Z	0	4
48	MP5B	Mx	-.001	4
49	MP5C	X	-4.029	2
50	MP5C	Z	0	2
51	MP5C	Mx	-.001	2
52	MP5C	X	-4.029	4
53	MP5C	Z	0	4
54	MP5C	Mx	-.001	4
55	MP4A	X	-2.933	.5
56	MP4A	Z	0	.5
57	MP4A	Mx	.001	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP4A	X	-2.933	3.5
59	MP4A	Z	0	3.5
60	MP4A	Mx	.001	3.5
61	MP4B	X	-4.035	.5
62	MP4B	Z	0	.5
63	MP4B	Mx	-.001	.5
64	MP4B	X	-4.035	3.5
65	MP4B	Z	0	3.5
66	MP4B	Mx	-.001	3.5
67	MP4C	X	-4.621	.5
68	MP4C	Z	0	.5
69	MP4C	Mx	-.00079	.5
70	MP4C	X	-4.621	3.5
71	MP4C	Z	0	3.5
72	MP4C	Mx	-.00079	3.5
73	MP1A	X	-.353	2
74	MP1A	Z	0	2
75	MP1A	Mx	.000176	2
76	MP1B	X	-1.202	2
77	MP1B	Z	0	2
78	MP1B	Mx	-.000386	2
79	MP1C	X	-1.438	2
80	MP1C	Z	0	2
81	MP1C	Mx	-.00036	2
82	M50	X	-.545	2
83	M50	Z	0	2
84	M50	Mx	0	2
85	M201	X	-2.674	1.5
86	M201	Z	0	1.5
87	M201	Mx	0	1.5
88	M41	X	-2.25	1.5
89	M41	Z	0	1.5
90	M41	Mx	0	1.5
91	M188A	X	-3.49	2
92	M188A	Z	0	2
93	M188A	Mx	0	2
94	M51	X	-.545	2
95	M51	Z	0	2
96	M51	Mx	0	2
97	M200	X	-.545	2
98	M200	Z	0	2
99	M200	Mx	0	2
100	M202	X	-2.674	1.5
101	M202	Z	0	1.5
102	M202	Mx	0	1.5
103	M203	X	-2.674	1.5
104	M203	Z	0	1.5
105	M203	Mx	0	1.5
106	M49	X	-2.25	1.5
107	M49	Z	0	1.5
108	M49	Mx	0	1.5
109	M45	X	-2.25	1.5
110	M45	Z	0	1.5
111	M45	Mx	0	1.5
112	M188A	X	-3.49	2
113	M188A	Z	0	2
114	M188A	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft, %]
1	MP3A	X	-5.923	.5
2	MP3A	Z	-3.42	.5
3	MP3A	Mx	.000681	.5
4	MP3A	X	-5.923	5.5
5	MP3A	Z	-3.42	5.5
6	MP3A	Mx	.000681	5.5
7	MP3B	X	-7.893	.5
8	MP3B	Z	-4.557	.5
9	MP3B	Mx	.005	.5
10	MP3B	X	-7.893	5.5
11	MP3B	Z	-4.557	5.5
12	MP3B	Mx	.005	5.5
13	MP3C	X	-5.923	.5
14	MP3C	Z	-3.42	.5
15	MP3C	Mx	-.005	.5
16	MP3C	X	-5.923	5.5
17	MP3C	Z	-3.42	5.5
18	MP3C	Mx	-.005	5.5
19	MP3A	X	-5.923	.5
20	MP3A	Z	-3.42	.5
21	MP3A	Mx	.005	.5
22	MP3A	X	-5.923	5.5
23	MP3A	Z	-3.42	5.5
24	MP3A	Mx	.005	5.5
25	MP3B	X	-7.893	.5
26	MP3B	Z	-4.557	.5
27	MP3B	Mx	-.007	.5
28	MP3B	X	-7.893	5.5
29	MP3B	Z	-4.557	5.5
30	MP3B	Mx	-.007	5.5
31	MP3C	X	-5.923	.5
32	MP3C	Z	-3.42	.5
33	MP3C	Mx	-.000682	.5
34	MP3C	X	-5.923	5.5
35	MP3C	Z	-3.42	5.5
36	MP3C	Mx	-.000682	5.5
37	MP5A	X	-2.237	2
38	MP5A	Z	-1.292	2
39	MP5A	Mx	.001	2
40	MP5A	X	-2.237	4
41	MP5A	Z	-1.292	4
42	MP5A	Mx	.001	4
43	MP5B	X	-4.039	2
44	MP5B	Z	-2.332	2
45	MP5B	Mx	-.000405	2
46	MP5B	X	-4.039	4
47	MP5B	Z	-2.332	4
48	MP5B	Mx	-.000405	4
49	MP5C	X	-2.237	2
50	MP5C	Z	-1.292	2
51	MP5C	Mx	-.001	2
52	MP5C	X	-2.237	4
53	MP5C	Z	-1.292	4
54	MP5C	Mx	-.001	4
55	MP4A	X	-2.689	.5
56	MP4A	Z	-1.552	.5
57	MP4A	Mx	.001	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP4A	X	-2.689	3.5
59	MP4A	Z	-1.552	3.5
60	MP4A	Mx	.001	3.5
61	MP4B	X	-4.151	.5
62	MP4B	Z	-2.396	.5
63	MP4B	Mx	-.000416	.5
64	MP4B	X	-4.151	3.5
65	MP4B	Z	-2.396	3.5
66	MP4B	Mx	-.000416	3.5
67	MP4C	X	-3.196	.5
68	MP4C	Z	-1.845	.5
69	MP4C	Mx	-.001	.5
70	MP4C	X	-3.196	3.5
71	MP4C	Z	-1.845	3.5
72	MP4C	Mx	-.001	3.5
73	MP1A	X	-.619	2
74	MP1A	Z	-.357	2
75	MP1A	Mx	.00031	2
76	MP1B	X	-1.521	2
77	MP1B	Z	-.878	2
78	MP1B	Mx	-.000153	2
79	MP1C	X	-.619	2
80	MP1C	Z	-.357	2
81	MP1C	Mx	-.000309	2
82	M50	X	-.565	2
83	M50	Z	-.326	2
84	M50	Mx	0	2
85	M201	X	-2.826	1.5
86	M201	Z	-1.632	1.5
87	M201	Mx	0	1.5
88	M41	X	-2.654	1.5
89	M41	Z	-1.532	1.5
90	M41	Mx	0	1.5
91	M188A	X	-3.743	2
92	M188A	Z	-2.161	2
93	M188A	Mx	0	2
94	M51	X	-.565	2
95	M51	Z	-.326	2
96	M51	Mx	0	2
97	M200	X	-.565	2
98	M200	Z	-.326	2
99	M200	Mx	0	2
100	M202	X	-2.826	1.5
101	M202	Z	-1.632	1.5
102	M202	Mx	0	1.5
103	M203	X	-2.826	1.5
104	M203	Z	-1.632	1.5
105	M203	Mx	0	1.5
106	M49	X	-2.654	1.5
107	M49	Z	-1.532	1.5
108	M49	Mx	0	1.5
109	M45	X	-2.654	1.5
110	M45	Z	-1.532	1.5
111	M45	Mx	0	1.5
112	M188A	X	-3.743	2
113	M188A	Z	-2.161	2
114	M188A	Mx	0	2

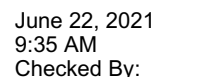
### Member Point Loads (BLC 38 : Antenna Wm (330 Deg))

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft, %]
1	MP3A	X	-4.21	.5
2	MP3A	Z	-7.292	.5
3	MP3A	Mx	-.003	.5
4	MP3A	X	-4.21	5.5
5	MP3A	Z	-7.292	5.5
6	MP3A	Mx	-.003	5.5
7	MP3B	X	-4.42	.5
8	MP3B	Z	-7.656	.5
9	MP3B	Mx	.007	.5
10	MP3B	X	-4.42	5.5
11	MP3B	Z	-7.656	5.5
12	MP3B	Mx	.007	5.5
13	MP3C	X	-3.024	.5
14	MP3C	Z	-5.239	.5
15	MP3C	Mx	-.003	.5
16	MP3C	X	-3.024	5.5
17	MP3C	Z	-5.239	5.5
18	MP3C	Mx	-.003	5.5
19	MP3A	X	-4.21	.5
20	MP3A	Z	-7.292	.5
21	MP3A	Mx	.007	.5
22	MP3A	X	-4.21	5.5
23	MP3A	Z	-7.292	5.5
24	MP3A	Mx	.007	5.5
25	MP3B	X	-4.42	.5
26	MP3B	Z	-7.656	.5
27	MP3B	Mx	-.004	.5
28	MP3B	X	-4.42	5.5
29	MP3B	Z	-7.656	5.5
30	MP3B	Mx	-.004	5.5
31	MP3C	X	-3.024	.5
32	MP3C	Z	-5.239	.5
33	MP3C	Mx	-.003	.5
34	MP3C	X	-3.024	5.5
35	MP3C	Z	-5.239	5.5
36	MP3C	Mx	-.003	5.5
37	MP5A	X	-2.014	2
38	MP5A	Z	-3.489	2
39	MP5A	Mx	.001	2
40	MP5A	X	-2.014	4
41	MP5A	Z	-3.489	4
42	MP5A	Mx	.001	4
43	MP5B	X	-2.207	2
44	MP5B	Z	-3.822	2
45	MP5B	Mx	.000755	2
46	MP5B	X	-2.207	4
47	MP5B	Z	-3.822	4
48	MP5B	Mx	.000755	4
49	MP5C	X	-.93	2
50	MP5C	Z	-1.611	2
51	MP5C	Mx	-.00093	2
52	MP5C	X	-.93	4
53	MP5C	Z	-1.611	4
54	MP5C	Mx	-.00093	4
55	MP4A	X	-2.017	.5
56	MP4A	Z	-3.494	.5
57	MP4A	Mx	.001	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP4A	X	-2.017	3.5
59	MP4A	Z	-3.494	3.5
60	MP4A	Mx	.001	3.5
61	MP4B	X	-2.311	.5
62	MP4B	Z	-4.002	.5
63	MP4B	Mx	.00079	.5
64	MP4B	X	-2.311	3.5
65	MP4B	Z	-4.002	3.5
66	MP4B	Mx	.00079	3.5
67	MP4C	X	-1.466	.5
68	MP4C	Z	-2.54	.5
69	MP4C	Mx	-.001	.5
70	MP4C	X	-1.466	3.5
71	MP4C	Z	-2.54	3.5
72	MP4C	Mx	-.001	3.5
73	MP1A	X	-.719	2
74	MP1A	Z	-1.245	2
75	MP1A	Mx	.00036	2
76	MP1B	X	-.815	2
77	MP1B	Z	-1.412	2
78	MP1B	Mx	.000279	2
79	MP1C	X	-.176	2
80	MP1C	Z	-.306	2
81	MP1C	Mx	-.000177	2
82	M50	X	-.371	2
83	M50	Z	-.642	2
84	M50	Mx	0	2
85	M201	X	-1.872	1.5
86	M201	Z	-3.242	1.5
87	M201	Mx	0	1.5
88	M41	X	-1.864	1.5
89	M41	Z	-3.229	1.5
90	M41	Mx	0	1.5
91	M188A	X	-2.501	2
92	M188A	Z	-4.331	2
93	M188A	Mx	0	2
94	M51	X	-.371	2
95	M51	Z	-.642	2
96	M51	Mx	0	2
97	M200	X	-.371	2
98	M200	Z	-.642	2
99	M200	Mx	0	2
100	M202	X	-1.872	1.5
101	M202	Z	-3.242	1.5
102	M202	Mx	0	1.5
103	M203	X	-1.872	1.5
104	M203	Z	-3.242	1.5
105	M203	Mx	0	1.5
106	M49	X	-1.864	1.5
107	M49	Z	-3.229	1.5
108	M49	Mx	0	1.5
109	M45	X	-1.864	1.5
110	M45	Z	-3.229	1.5
111	M45	Mx	0	1.5
112	M188A	X	-2.501	2
113	M188A	Z	-4.331	2
114	M188A	Mx	0	2





	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft, %]
1	M10	Y	-500	0

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M10	Y	-500	%50

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft, %]
1	M10	Y	-250	%100

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M10	Y	-250	%50

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M1	Y	-9.495	-9.495	0	%100
2	M3	Y	-14.182	-14.182	0	%100
3	M4	Y	-9.495	-9.495	0	%100
4	M6	Y	-14.182	-14.182	0	%100
5	M7	Y	-9.495	-9.495	0	%100
6	M9	Y	-14.182	-14.182	0	%100
7	M10	Y	-5.545	-5.545	0	%100
8	M11	Y	-5.545	-5.545	0	%100
9	M12	Y	-5.545	-5.545	0	%100
10	MP5B	Y	-4.912	-4.912	0	%100
11	MP5A	Y	-4.912	-4.912	0	%100
12	MP5C	Y	-4.912	-4.912	0	%100
13	M16	Y	-5.799	-5.799	0	%100
14	M18	Y	-5.799	-5.799	0	%100
15	M19	Y	-5.799	-5.799	0	%100
16	M20	Y	-5.799	-5.799	0	%100
17	M21	Y	-5.799	-5.799	0	%100
18	M22	Y	-5.799	-5.799	0	%100
19	M23	Y	-7.52	-7.52	0	%100
20	M24	Y	-7.52	-7.52	0	%100
21	M25	Y	-7.52	-7.52	0	%100
22	M26	Y	-5.799	-5.799	0	%100
23	M27	Y	-5.799	-5.799	0	%100
24	M28	Y	-5.799	-5.799	0	%100
25	M29	Y	-5.799	-5.799	0	%100
26	M30	Y	-5.799	-5.799	0	%100
27	M31	Y	-5.799	-5.799	0	%100
28	M32	Y	-7.52	-7.52	0	%100
29	M33	Y	-7.52	-7.52	0	%100
30	M34	Y	-7.52	-7.52	0	%100
31	M35	Y	-5.799	-5.799	0	%100
32	M36	Y	-5.799	-5.799	0	%100
33	M37	Y	-5.799	-5.799	0	%100
34	M38	Y	-5.799	-5.799	0	%100
35	M39	Y	-5.799	-5.799	0	%100
36	M40	Y	-5.799	-5.799	0	%100
37	M41	Y	-4.912	-4.912	0	%100
38	M201	Y	-4.912	-4.912	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
39	M50	Y	-4.912	-4.912	0	%100
40	M44	Y	-4.912	-4.912	0	%100
41	M45	Y	-4.912	-4.912	0	%100
42	M203	Y	-4.912	-4.912	0	%100
43	M200	Y	-4.912	-4.912	0	%100
44	M48	Y	-4.912	-4.912	0	%100
45	M49	Y	-4.912	-4.912	0	%100
46	M202	Y	-4.912	-4.912	0	%100
47	M51	Y	-4.912	-4.912	0	%100
48	M52	Y	-4.912	-4.912	0	%100
49	M53	Y	-5.545	-5.545	0	%100
50	M54	Y	-8.578	-8.578	0	%100
51	M55	Y	-8.578	-8.578	0	%100
52	M56	Y	-5.545	-5.545	0	%100
53	M57	Y	-5.545	-5.545	0	%100
54	M58	Y	-5.545	-5.545	0	%100
55	M61	Y	-2.294	-2.294	0	%100
56	M62	Y	-2.294	-2.294	0	%100
57	M67	Y	-2.294	-2.294	0	%100
58	M68	Y	-2.294	-2.294	0	%100
59	M73	Y	-2.294	-2.294	0	%100
60	M74	Y	-2.294	-2.294	0	%100
61	M79	Y	-2.294	-2.294	0	%100
62	M80	Y	-2.294	-2.294	0	%100
63	M85	Y	-2.294	-2.294	0	%100
64	M86	Y	-2.294	-2.294	0	%100
65	M91	Y	-2.294	-2.294	0	%100
66	M92	Y	-2.294	-2.294	0	%100
67	M97	Y	-2.294	-2.294	0	%100
68	M98	Y	-2.294	-2.294	0	%100
69	M103	Y	-2.294	-2.294	0	%100
70	M104	Y	-2.294	-2.294	0	%100
71	M109	Y	-2.294	-2.294	0	%100
72	M110	Y	-2.294	-2.294	0	%100
73	M115	Y	-2.294	-2.294	0	%100
74	M116	Y	-2.294	-2.294	0	%100
75	M121	Y	-2.294	-2.294	0	%100
76	M122	Y	-2.294	-2.294	0	%100
77	M127	Y	-2.294	-2.294	0	%100
78	M128	Y	-2.294	-2.294	0	%100
79	M133	Y	-2.294	-2.294	0	%100
80	M134	Y	-2.294	-2.294	0	%100
81	M139	Y	-2.294	-2.294	0	%100
82	M140	Y	-2.294	-2.294	0	%100
83	M145	Y	-2.294	-2.294	0	%100
84	M146	Y	-2.294	-2.294	0	%100
85	M151	Y	-2.294	-2.294	0	%100
86	M152	Y	-2.294	-2.294	0	%100
87	M157	Y	-2.294	-2.294	0	%100
88	M158	Y	-2.294	-2.294	0	%100
89	M163	Y	-2.294	-2.294	0	%100
90	M164	Y	-2.294	-2.294	0	%100
91	MP2A	Y	-4.912	-4.912	0	%100
92	MP1A	Y	-4.912	-4.912	0	%100
93	MP4A	Y	-4.912	-4.912	0	%100
94	MP2C	Y	-4.912	-4.912	0	%100
95	MP1C	Y	-4.912	-4.912	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
96	MP4C	Y	-4.912	-4.912	0	%100
97	MP2B	Y	-4.912	-4.912	0	%100
98	MP1B	Y	-4.912	-4.912	0	%100
99	MP4B	Y	-4.912	-4.912	0	%100
100	MP3A	Y	-4.912	-4.912	0	%100
101	MP3C	Y	-4.912	-4.912	0	%100
102	MP3B	Y	-4.912	-4.912	0	%100
103	M185A	Y	-5.817	-5.817	0	%100
104	M186	Y	-5.817	-5.817	0	%100
105	M187	Y	-5.817	-5.817	0	%100
106	M188	Y	-5.817	-5.817	0	%100
107	M188A	Y	-4.912	-4.912	0	%100
108	M189	Y	-5.817	-5.817	0	%100
109	M190	Y	-5.817	-5.817	0	%100
110	M197	Y	-5.61	-5.61	0	%100
111	M196	Y	-5.61	-5.61	0	%100
112	M201A	Y	-5.61	-5.61	0	%100
113	M212	Y	-6.533	-6.533	0	%100
114	M213	Y	-6.533	-6.533	0	%100
115	M214	Y	-6.533	-6.533	0	%100
116	M215	Y	-6.533	-6.533	0	%100
117	M216	Y	-6.533	-6.533	0	%100
118	M217	Y	-6.533	-6.533	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M3	X	0	0	0	%100
4	M3	Z	-1.486	-1.486	0	%100
5	M4	X	0	0	0	%100
6	M4	Z	-9.192	-9.192	0	%100
7	M6	X	0	0	0	%100
8	M6	Z	-.371	-.371	0	%100
9	M7	X	0	0	0	%100
10	M7	Z	-9.192	-9.192	0	%100
11	M9	X	0	0	0	%100
12	M9	Z	-.371	-.371	0	%100
13	M10	X	0	0	0	%100
14	M10	Z	-9.904	-9.904	0	%100
15	M11	X	0	0	0	%100
16	M11	Z	-2.476	-2.476	0	%100
17	M12	X	0	0	0	%100
18	M12	Z	-2.476	-2.476	0	%100
19	MP5B	X	0	0	0	%100
20	MP5B	Z	-7.036	-7.036	0	%100
21	MP5A	X	0	0	0	%100
22	MP5A	Z	-7.036	-7.036	0	%100
23	MP5C	X	0	0	0	%100
24	MP5C	Z	-7.036	-7.036	0	%100
25	M16	X	0	0	0	%100
26	M16	Z	-8.913	-8.913	0	%100
27	M18	X	0	0	0	%100
28	M18	Z	-8.913	-8.913	0	%100
29	M19	X	0	0	0	%100
30	M19	Z	-2.228	-2.228	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft,F...	Start Location[ft.%,]	End Location[ft.%,]
31	M20	X	0	0	0	%100
32	M20	Z	-2.228	-2.228	0	%100
33	M21	X	0	0	0	%100
34	M21	Z	-2.228	-2.228	0	%100
35	M22	X	0	0	0	%100
36	M22	Z	-2.228	-2.228	0	%100
37	M23	X	0	0	0	%100
38	M23	Z	-14.855	-14.855	0	%100
39	M24	X	0	0	0	%100
40	M24	Z	-3.714	-3.714	0	%100
41	M25	X	0	0	0	%100
42	M25	Z	-3.714	-3.714	0	%100
43	M26	X	0	0	0	%100
44	M26	Z	-8.913	-8.913	0	%100
45	M27	X	0	0	0	%100
46	M27	Z	-8.913	-8.913	0	%100
47	M28	X	0	0	0	%100
48	M28	Z	-2.228	-2.228	0	%100
49	M29	X	0	0	0	%100
50	M29	Z	-2.228	-2.228	0	%100
51	M30	X	0	0	0	%100
52	M30	Z	-2.228	-2.228	0	%100
53	M31	X	0	0	0	%100
54	M31	Z	-2.228	-2.228	0	%100
55	M32	X	0	0	0	%100
56	M32	Z	-14.855	-14.855	0	%100
57	M33	X	0	0	0	%100
58	M33	Z	-3.714	-3.714	0	%100
59	M34	X	0	0	0	%100
60	M34	Z	-3.714	-3.714	0	%100
61	M35	X	0	0	0	%100
62	M35	Z	-8.913	-8.913	0	%100
63	M36	X	0	0	0	%100
64	M36	Z	-8.913	-8.913	0	%100
65	M37	X	0	0	0	%100
66	M37	Z	-2.228	-2.228	0	%100
67	M38	X	0	0	0	%100
68	M38	Z	-2.228	-2.228	0	%100
69	M39	X	0	0	0	%100
70	M39	Z	-2.228	-2.228	0	%100
71	M40	X	0	0	0	%100
72	M40	Z	-2.228	-2.228	0	%100
73	M41	X	0	0	0	%100
74	M41	Z	-6.375	-6.375	0	%100
75	M201	X	0	0	0	%100
76	M201	Z	-6.375	-6.375	0	%100
77	M50	X	0	0	0	%100
78	M50	Z	-6.375	-6.375	0	%100
79	M44	X	0	0	0	%100
80	M44	Z	-6.375	-6.375	0	%100
81	M45	X	0	0	0	%100
82	M45	Z	-6.375	-6.375	0	%100
83	M203	X	0	0	0	%100
84	M203	Z	-6.375	-6.375	0	%100
85	M200	X	0	0	0	%100
86	M200	Z	-6.375	-6.375	0	%100
87	M48	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft,F....]	Start Location[ft.%]	End Location[ft.%]
88	M48	Z	-6.375	-6.375	0	%100
89	M49	X	0	0	0	%100
90	M49	Z	-6.375	-6.375	0	%100
91	M202	X	0	0	0	%100
92	M202	Z	-6.375	-6.375	0	%100
93	M51	X	0	0	0	%100
94	M51	Z	-6.375	-6.375	0	%100
95	M52	X	0	0	0	%100
96	M52	Z	-6.375	-6.375	0	%100
97	M53	X	0	0	0	%100
98	M53	Z	-9.904	-9.904	0	%100
99	M54	X	0	0	0	%100
100	M54	Z	0	0	0	%100
101	M55	X	0	0	0	%100
102	M55	Z	0	0	0	%100
103	M56	X	0	0	0	%100
104	M56	Z	-7.733	-7.733	0	%100
105	M57	X	0	0	0	%100
106	M57	Z	-1.221	-1.221	0	%100
107	M58	X	0	0	0	%100
108	M58	Z	-7.733	-7.733	0	%100
109	M61	X	0	0	0	%100
110	M61	Z	0	0	0	%100
111	M62	X	0	0	0	%100
112	M62	Z	0	0	0	%100
113	M67	X	0	0	0	%100
114	M67	Z	0	0	0	%100
115	M68	X	0	0	0	%100
116	M68	Z	0	0	0	%100
117	M73	X	0	0	0	%100
118	M73	Z	0	0	0	%100
119	M74	X	0	0	0	%100
120	M74	Z	0	0	0	%100
121	M79	X	0	0	0	%100
122	M79	Z	0	0	0	%100
123	M80	X	0	0	0	%100
124	M80	Z	0	0	0	%100
125	M85	X	0	0	0	%100
126	M85	Z	0	0	0	%100
127	M86	X	0	0	0	%100
128	M86	Z	0	0	0	%100
129	M91	X	0	0	0	%100
130	M91	Z	0	0	0	%100
131	M92	X	0	0	0	%100
132	M92	Z	0	0	0	%100
133	M97	X	0	0	0	%100
134	M97	Z	-.846	-.846	0	%100
135	M98	X	0	0	0	%100
136	M98	Z	-.846	-.846	0	%100
137	M103	X	0	0	0	%100
138	M103	Z	-.846	-.846	0	%100
139	M104	X	0	0	0	%100
140	M104	Z	-.846	-.846	0	%100
141	M109	X	0	0	0	%100
142	M109	Z	-.846	-.846	0	%100
143	M110	X	0	0	0	%100
144	M110	Z	-.846	-.846	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft,F...	Start Location[ft.%,]	End Location[ft.%,]
145	M115	X	0	0	0	%100
146	M115	Z	-.846	-.846	0	%100
147	M116	X	0	0	0	%100
148	M116	Z	-.846	-.846	0	%100
149	M121	X	0	0	0	%100
150	M121	Z	-.846	-.846	0	%100
151	M122	X	0	0	0	%100
152	M122	Z	-.846	-.846	0	%100
153	M127	X	0	0	0	%100
154	M127	Z	-.846	-.846	0	%100
155	M128	X	0	0	0	%100
156	M128	Z	-.846	-.846	0	%100
157	M133	X	0	0	0	%100
158	M133	Z	-.846	-.846	0	%100
159	M134	X	0	0	0	%100
160	M134	Z	-.846	-.846	0	%100
161	M139	X	0	0	0	%100
162	M139	Z	-.846	-.846	0	%100
163	M140	X	0	0	0	%100
164	M140	Z	-.846	-.846	0	%100
165	M145	X	0	0	0	%100
166	M145	Z	-.846	-.846	0	%100
167	M146	X	0	0	0	%100
168	M146	Z	-.846	-.846	0	%100
169	M151	X	0	0	0	%100
170	M151	Z	-.846	-.846	0	%100
171	M152	X	0	0	0	%100
172	M152	Z	-.846	-.846	0	%100
173	M157	X	0	0	0	%100
174	M157	Z	-.846	-.846	0	%100
175	M158	X	0	0	0	%100
176	M158	Z	-.846	-.846	0	%100
177	M163	X	0	0	0	%100
178	M163	Z	-.846	-.846	0	%100
179	M164	X	0	0	0	%100
180	M164	Z	-.846	-.846	0	%100
181	MP2A	X	0	0	0	%100
182	MP2A	Z	-7.056	-7.056	0	%100
183	MP1A	X	0	0	0	%100
184	MP1A	Z	-7.056	-7.056	0	%100
185	MP4A	X	0	0	0	%100
186	MP4A	Z	-7.056	-7.056	0	%100
187	MP2C	X	0	0	0	%100
188	MP2C	Z	-7.056	-7.056	0	%100
189	MP1C	X	0	0	0	%100
190	MP1C	Z	-7.056	-7.056	0	%100
191	MP4C	X	0	0	0	%100
192	MP4C	Z	-7.056	-7.056	0	%100
193	MP2B	X	0	0	0	%100
194	MP2B	Z	-7.056	-7.056	0	%100
195	MP1B	X	0	0	0	%100
196	MP1B	Z	-7.056	-7.056	0	%100
197	MP4B	X	0	0	0	%100
198	MP4B	Z	-7.056	-7.056	0	%100
199	MP3A	X	0	0	0	%100
200	MP3A	Z	-7.056	-7.056	0	%100
201	MP3C	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft.F....]	Start Location[ft.%]	End Location[ft.%]
202	MP3C	Z	-7.056	-7.056	0	%100
203	MP3B	X	0	0	0	%100
204	MP3B	Z	-7.056	-7.056	0	%100
205	M185A	X	0	0	0	%100
206	M185A	Z	0	0	0	%100
207	M186	X	0	0	0	%100
208	M186	Z	0	0	0	%100
209	M187	X	0	0	0	%100
210	M187	Z	-8.913	-8.913	0	%100
211	M188	X	0	0	0	%100
212	M188	Z	-8.913	-8.913	0	%100
213	M188A	X	0	0	0	%100
214	M188A	Z	-6.43	-6.43	0	%100
215	M189	X	0	0	0	%100
216	M189	Z	0	0	0	%100
217	M190	X	0	0	0	%100
218	M190	Z	0	0	0	%100
219	M197	X	0	0	0	%100
220	M197	Z	-8.542	-8.542	0	%100
221	M196	X	0	0	0	%100
222	M196	Z	-2.135	-2.135	0	%100
223	M201A	X	0	0	0	%100
224	M201A	Z	-2.135	-2.135	0	%100
225	M212	X	0	0	0	%100
226	M212	Z	-6.66	-6.66	0	%100
227	M213	X	0	0	0	%100
228	M213	Z	-6.66	-6.66	0	%100
229	M214	X	0	0	0	%100
230	M214	Z	-9.481	-9.481	0	%100
231	M215	X	0	0	0	%100
232	M215	Z	-9.481	-9.481	0	%100
233	M216	X	0	0	0	%100
234	M216	Z	-9.481	-9.481	0	%100
235	M217	X	0	0	0	%100
236	M217	Z	-9.481	-9.481	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft.F....]	Start Location[ft.%]	End Location[ft.%]
1	M1	X	1.532	1.532	0	%100
2	M1	Z	-2.653	-2.653	0	%100
3	M3	X	.557	.557	0	%100
4	M3	Z	-.965	-.965	0	%100
5	M4	X	1.532	1.532	0	%100
6	M4	Z	-2.653	-2.653	0	%100
7	M6	X	.557	.557	0	%100
8	M6	Z	-.965	-.965	0	%100
9	M7	X	6.128	6.128	0	%100
10	M7	Z	-10.614	-10.614	0	%100
11	M9	X	0	0	0	%100
12	M9	Z	0	0	0	%100
13	M10	X	3.714	3.714	0	%100
14	M10	Z	-6.433	-6.433	0	%100
15	M11	X	3.714	3.714	0	%100
16	M11	Z	-6.433	-6.433	0	%100
17	M12	X	0	0	0	%100
18	M12	Z	0	0	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft. %]	End Location[ft. %]
19	MP5B	X	3.518	3.518	0	%100
20	MP5B	Z	-6.093	-6.093	0	%100
21	MP5A	X	3.518	3.518	0	%100
22	MP5A	Z	-6.093	-6.093	0	%100
23	MP5C	X	3.518	3.518	0	%100
24	MP5C	Z	-6.093	-6.093	0	%100
25	M16	X	3.342	3.342	0	%100
26	M16	Z	-5.789	-5.789	0	%100
27	M18	X	3.342	3.342	0	%100
28	M18	Z	-5.789	-5.789	0	%100
29	M19	X	3.342	3.342	0	%100
30	M19	Z	-5.789	-5.789	0	%100
31	M20	X	3.342	3.342	0	%100
32	M20	Z	-5.789	-5.789	0	%100
33	M21	X	0	0	0	%100
34	M21	Z	0	0	0	%100
35	M22	X	0	0	0	%100
36	M22	Z	0	0	0	%100
37	M23	X	5.571	5.571	0	%100
38	M23	Z	-9.649	-9.649	0	%100
39	M24	X	5.571	5.571	0	%100
40	M24	Z	-9.649	-9.649	0	%100
41	M25	X	0	0	0	%100
42	M25	Z	0	0	0	%100
43	M26	X	3.342	3.342	0	%100
44	M26	Z	-5.789	-5.789	0	%100
45	M27	X	3.342	3.342	0	%100
46	M27	Z	-5.789	-5.789	0	%100
47	M28	X	3.342	3.342	0	%100
48	M28	Z	-5.789	-5.789	0	%100
49	M29	X	3.342	3.342	0	%100
50	M29	Z	-5.789	-5.789	0	%100
51	M30	X	0	0	0	%100
52	M30	Z	0	0	0	%100
53	M31	X	0	0	0	%100
54	M31	Z	0	0	0	%100
55	M32	X	5.571	5.571	0	%100
56	M32	Z	-9.649	-9.649	0	%100
57	M33	X	5.571	5.571	0	%100
58	M33	Z	-9.649	-9.649	0	%100
59	M34	X	0	0	0	%100
60	M34	Z	0	0	0	%100
61	M35	X	3.342	3.342	0	%100
62	M35	Z	-5.789	-5.789	0	%100
63	M36	X	3.342	3.342	0	%100
64	M36	Z	-5.789	-5.789	0	%100
65	M37	X	3.342	3.342	0	%100
66	M37	Z	-5.789	-5.789	0	%100
67	M38	X	3.342	3.342	0	%100
68	M38	Z	-5.789	-5.789	0	%100
69	M39	X	0	0	0	%100
70	M39	Z	0	0	0	%100
71	M40	X	0	0	0	%100
72	M40	Z	0	0	0	%100
73	M41	X	3.188	3.188	0	%100
74	M41	Z	-5.521	-5.521	0	%100
75	M201	X	3.188	3.188	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft,F....]	Start Location[ft.%]	End Location[ft.%]
76	M201	Z	-5.521	-5.521	0	%100
77	M50	X	3.188	3.188	0	%100
78	M50	Z	-5.521	-5.521	0	%100
79	M44	X	3.188	3.188	0	%100
80	M44	Z	-5.521	-5.521	0	%100
81	M45	X	3.188	3.188	0	%100
82	M45	Z	-5.521	-5.521	0	%100
83	M203	X	3.188	3.188	0	%100
84	M203	Z	-5.521	-5.521	0	%100
85	M200	X	3.188	3.188	0	%100
86	M200	Z	-5.521	-5.521	0	%100
87	M48	X	3.188	3.188	0	%100
88	M48	Z	-5.521	-5.521	0	%100
89	M49	X	3.188	3.188	0	%100
90	M49	Z	-5.521	-5.521	0	%100
91	M202	X	3.188	3.188	0	%100
92	M202	Z	-5.521	-5.521	0	%100
93	M51	X	3.188	3.188	0	%100
94	M51	Z	-5.521	-5.521	0	%100
95	M52	X	3.188	3.188	0	%100
96	M52	Z	-5.521	-5.521	0	%100
97	M53	X	3.714	3.714	0	%100
98	M53	Z	-6.433	-6.433	0	%100
99	M54	X	1.554	1.554	0	%100
100	M54	Z	-2.691	-2.691	0	%100
101	M55	X	1.554	1.554	0	%100
102	M55	Z	-2.691	-2.691	0	%100
103	M56	X	1.696	1.696	0	%100
104	M56	Z	-2.937	-2.937	0	%100
105	M57	X	1.696	1.696	0	%100
106	M57	Z	-2.937	-2.937	0	%100
107	M58	X	4.952	4.952	0	%100
108	M58	Z	-8.577	-8.577	0	%100
109	M61	X	.141	.141	0	%100
110	M61	Z	-.244	-.244	0	%100
111	M62	X	.141	.141	0	%100
112	M62	Z	-.244	-.244	0	%100
113	M67	X	.141	.141	0	%100
114	M67	Z	-.244	-.244	0	%100
115	M68	X	.141	.141	0	%100
116	M68	Z	-.244	-.244	0	%100
117	M73	X	.141	.141	0	%100
118	M73	Z	-.244	-.244	0	%100
119	M74	X	.141	.141	0	%100
120	M74	Z	-.244	-.244	0	%100
121	M79	X	.141	.141	0	%100
122	M79	Z	-.244	-.244	0	%100
123	M80	X	.141	.141	0	%100
124	M80	Z	-.244	-.244	0	%100
125	M85	X	.141	.141	0	%100
126	M85	Z	-.244	-.244	0	%100
127	M86	X	.141	.141	0	%100
128	M86	Z	-.244	-.244	0	%100
129	M91	X	.141	.141	0	%100
130	M91	Z	-.244	-.244	0	%100
131	M92	X	.141	.141	0	%100
132	M92	Z	-.244	-.244	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
133	M97	X	.141	.141	0	%100
134	M97	Z	-.244	-.244	0	%100
135	M98	X	.141	.141	0	%100
136	M98	Z	-.244	-.244	0	%100
137	M103	X	.141	.141	0	%100
138	M103	Z	-.244	-.244	0	%100
139	M104	X	.141	.141	0	%100
140	M104	Z	-.244	-.244	0	%100
141	M109	X	.141	.141	0	%100
142	M109	Z	-.244	-.244	0	%100
143	M110	X	.141	.141	0	%100
144	M110	Z	-.244	-.244	0	%100
145	M115	X	.141	.141	0	%100
146	M115	Z	-.244	-.244	0	%100
147	M116	X	.141	.141	0	%100
148	M116	Z	-.244	-.244	0	%100
149	M121	X	.141	.141	0	%100
150	M121	Z	-.244	-.244	0	%100
151	M122	X	.141	.141	0	%100
152	M122	Z	-.244	-.244	0	%100
153	M127	X	.141	.141	0	%100
154	M127	Z	-.244	-.244	0	%100
155	M128	X	.141	.141	0	%100
156	M128	Z	-.244	-.244	0	%100
157	M133	X	.564	.564	0	%100
158	M133	Z	-.977	-.977	0	%100
159	M134	X	.564	.564	0	%100
160	M134	Z	-.977	-.977	0	%100
161	M139	X	.564	.564	0	%100
162	M139	Z	-.977	-.977	0	%100
163	M140	X	.564	.564	0	%100
164	M140	Z	-.977	-.977	0	%100
165	M145	X	.564	.564	0	%100
166	M145	Z	-.977	-.977	0	%100
167	M146	X	.564	.564	0	%100
168	M146	Z	-.977	-.977	0	%100
169	M151	X	.564	.564	0	%100
170	M151	Z	-.977	-.977	0	%100
171	M152	X	.564	.564	0	%100
172	M152	Z	-.977	-.977	0	%100
173	M157	X	.564	.564	0	%100
174	M157	Z	-.977	-.977	0	%100
175	M158	X	.564	.564	0	%100
176	M158	Z	-.977	-.977	0	%100
177	M163	X	.564	.564	0	%100
178	M163	Z	-.977	-.977	0	%100
179	M164	X	.564	.564	0	%100
180	M164	Z	-.977	-.977	0	%100
181	MP2A	X	3.528	3.528	0	%100
182	MP2A	Z	-6.111	-6.111	0	%100
183	MP1A	X	3.528	3.528	0	%100
184	MP1A	Z	-6.111	-6.111	0	%100
185	MP4A	X	3.528	3.528	0	%100
186	MP4A	Z	-6.111	-6.111	0	%100
187	MP2C	X	3.528	3.528	0	%100
188	MP2C	Z	-6.111	-6.111	0	%100
189	MP1C	X	3.528	3.528	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
190	MP1C	Z	-6.111	-6.111	0	%100
191	MP4C	X	3.528	3.528	0	%100
192	MP4C	Z	-6.111	-6.111	0	%100
193	MP2B	X	3.528	3.528	0	%100
194	MP2B	Z	-6.111	-6.111	0	%100
195	MP1B	X	3.528	3.528	0	%100
196	MP1B	Z	-6.111	-6.111	0	%100
197	MP4B	X	3.528	3.528	0	%100
198	MP4B	Z	-6.111	-6.111	0	%100
199	MP3A	X	3.528	3.528	0	%100
200	MP3A	Z	-6.111	-6.111	0	%100
201	MP3C	X	3.528	3.528	0	%100
202	MP3C	Z	-6.111	-6.111	0	%100
203	MP3B	X	3.528	3.528	0	%100
204	MP3B	Z	-6.111	-6.111	0	%100
205	M185A	X	1.114	1.114	0	%100
206	M185A	Z	-1.93	-1.93	0	%100
207	M186	X	1.114	1.114	0	%100
208	M186	Z	-1.93	-1.93	0	%100
209	M187	X	3.342	3.342	0	%100
210	M187	Z	-5.789	-5.789	0	%100
211	M188	X	3.342	3.342	0	%100
212	M188	Z	-5.789	-5.789	0	%100
213	M188A	X	3.215	3.215	0	%100
214	M188A	Z	-5.569	-5.569	0	%100
215	M189	X	1.114	1.114	0	%100
216	M189	Z	-1.93	-1.93	0	%100
217	M190	X	1.114	1.114	0	%100
218	M190	Z	-1.93	-1.93	0	%100
219	M197	X	3.203	3.203	0	%100
220	M197	Z	-5.548	-5.548	0	%100
221	M196	X	3.203	3.203	0	%100
222	M196	Z	-5.548	-5.548	0	%100
223	M201A	X	0	0	0	%100
224	M201A	Z	0	0	0	%100
225	M212	X	3.8	3.8	0	%100
226	M212	Z	-6.582	-6.582	0	%100
227	M213	X	3.8	3.8	0	%100
228	M213	Z	-6.582	-6.582	0	%100
229	M214	X	3.8	3.8	0	%100
230	M214	Z	-6.582	-6.582	0	%100
231	M215	X	3.8	3.8	0	%100
232	M215	Z	-6.582	-6.582	0	%100
233	M216	X	5.211	5.211	0	%100
234	M216	Z	-9.026	-9.026	0	%100
235	M217	X	5.211	5.211	0	%100
236	M217	Z	-9.026	-9.026	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M1	X	7.96	7.96	0	%100
2	M1	Z	-4.596	-4.596	0	%100
3	M3	X	.322	.322	0	%100
4	M3	Z	-.186	-.186	0	%100
5	M4	X	0	0	0	%100
6	M4	Z	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[ft, %]	End Location[ft, %]
7	M6	X	1.287	1.287	0	%100
8	M6	Z	-.743	-.743	0	%100
9	M7	X	7.96	7.96	0	%100
10	M7	Z	-4.596	-4.596	0	%100
11	M9	X	.322	.322	0	%100
12	M9	Z	-.186	-.186	0	%100
13	M10	X	2.144	2.144	0	%100
14	M10	Z	-1.238	-1.238	0	%100
15	M11	X	8.577	8.577	0	%100
16	M11	Z	-4.952	-4.952	0	%100
17	M12	X	2.144	2.144	0	%100
18	M12	Z	-1.238	-1.238	0	%100
19	MP5B	X	6.093	6.093	0	%100
20	MP5B	Z	-3.518	-3.518	0	%100
21	MP5A	X	6.093	6.093	0	%100
22	MP5A	Z	-3.518	-3.518	0	%100
23	MP5C	X	6.093	6.093	0	%100
24	MP5C	Z	-3.518	-3.518	0	%100
25	M16	X	1.93	1.93	0	%100
26	M16	Z	-1.114	-1.114	0	%100
27	M18	X	1.93	1.93	0	%100
28	M18	Z	-1.114	-1.114	0	%100
29	M19	X	7.719	7.719	0	%100
30	M19	Z	-4.457	-4.457	0	%100
31	M20	X	7.719	7.719	0	%100
32	M20	Z	-4.457	-4.457	0	%100
33	M21	X	1.93	1.93	0	%100
34	M21	Z	-1.114	-1.114	0	%100
35	M22	X	1.93	1.93	0	%100
36	M22	Z	-1.114	-1.114	0	%100
37	M23	X	3.216	3.216	0	%100
38	M23	Z	-1.857	-1.857	0	%100
39	M24	X	12.865	12.865	0	%100
40	M24	Z	-7.428	-7.428	0	%100
41	M25	X	3.216	3.216	0	%100
42	M25	Z	-1.857	-1.857	0	%100
43	M26	X	1.93	1.93	0	%100
44	M26	Z	-1.114	-1.114	0	%100
45	M27	X	1.93	1.93	0	%100
46	M27	Z	-1.114	-1.114	0	%100
47	M28	X	7.719	7.719	0	%100
48	M28	Z	-4.457	-4.457	0	%100
49	M29	X	7.719	7.719	0	%100
50	M29	Z	-4.457	-4.457	0	%100
51	M30	X	1.93	1.93	0	%100
52	M30	Z	-1.114	-1.114	0	%100
53	M31	X	1.93	1.93	0	%100
54	M31	Z	-1.114	-1.114	0	%100
55	M32	X	3.216	3.216	0	%100
56	M32	Z	-1.857	-1.857	0	%100
57	M33	X	12.865	12.865	0	%100
58	M33	Z	-7.428	-7.428	0	%100
59	M34	X	3.216	3.216	0	%100
60	M34	Z	-1.857	-1.857	0	%100
61	M35	X	1.93	1.93	0	%100
62	M35	Z	-1.114	-1.114	0	%100
63	M36	X	1.93	1.93	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft,F....]	Start Location[ft.%]	End Location[ft.%]
64	M36	Z	-1.114	-1.114	0	%100
65	M37	X	7.719	7.719	0	%100
66	M37	Z	-4.457	-4.457	0	%100
67	M38	X	7.719	7.719	0	%100
68	M38	Z	-4.457	-4.457	0	%100
69	M39	X	1.93	1.93	0	%100
70	M39	Z	-1.114	-1.114	0	%100
71	M40	X	1.93	1.93	0	%100
72	M40	Z	-1.114	-1.114	0	%100
73	M41	X	5.521	5.521	0	%100
74	M41	Z	-3.188	-3.188	0	%100
75	M201	X	5.521	5.521	0	%100
76	M201	Z	-3.188	-3.188	0	%100
77	M50	X	5.521	5.521	0	%100
78	M50	Z	-3.188	-3.188	0	%100
79	M44	X	5.521	5.521	0	%100
80	M44	Z	-3.188	-3.188	0	%100
81	M45	X	5.521	5.521	0	%100
82	M45	Z	-3.188	-3.188	0	%100
83	M203	X	5.521	5.521	0	%100
84	M203	Z	-3.188	-3.188	0	%100
85	M200	X	5.521	5.521	0	%100
86	M200	Z	-3.188	-3.188	0	%100
87	M48	X	5.521	5.521	0	%100
88	M48	Z	-3.188	-3.188	0	%100
89	M49	X	5.521	5.521	0	%100
90	M49	Z	-3.188	-3.188	0	%100
91	M202	X	5.521	5.521	0	%100
92	M202	Z	-3.188	-3.188	0	%100
93	M51	X	5.521	5.521	0	%100
94	M51	Z	-3.188	-3.188	0	%100
95	M52	X	5.521	5.521	0	%100
96	M52	Z	-3.188	-3.188	0	%100
97	M53	X	2.144	2.144	0	%100
98	M53	Z	-1.238	-1.238	0	%100
99	M54	X	8.073	8.073	0	%100
100	M54	Z	-4.661	-4.661	0	%100
101	M55	X	8.073	8.073	0	%100
102	M55	Z	-4.661	-4.661	0	%100
103	M56	X	1.057	1.057	0	%100
104	M56	Z	-.61	-.61	0	%100
105	M57	X	6.697	6.697	0	%100
106	M57	Z	-3.866	-3.866	0	%100
107	M58	X	6.697	6.697	0	%100
108	M58	Z	-3.866	-3.866	0	%100
109	M61	X	.733	.733	0	%100
110	M61	Z	-.423	-.423	0	%100
111	M62	X	.733	.733	0	%100
112	M62	Z	-.423	-.423	0	%100
113	M67	X	.733	.733	0	%100
114	M67	Z	-.423	-.423	0	%100
115	M68	X	.733	.733	0	%100
116	M68	Z	-.423	-.423	0	%100
117	M73	X	.733	.733	0	%100
118	M73	Z	-.423	-.423	0	%100
119	M74	X	.733	.733	0	%100
120	M74	Z	-.423	-.423	0	%100





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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
178	M163	Z	- .423	- .423	0	%100
179	M164	X	.733	.733	0	%100
180	M164	Z	- .423	- .423	0	%100
181	MP2A	X	6.111	6.111	0	%100
182	MP2A	Z	-3.528	-3.528	0	%100
183	MP1A	X	6.111	6.111	0	%100
184	MP1A	Z	-3.528	-3.528	0	%100
185	MP4A	X	6.111	6.111	0	%100
186	MP4A	Z	-3.528	-3.528	0	%100
187	MP2C	X	6.111	6.111	0	%100
188	MP2C	Z	-3.528	-3.528	0	%100
189	MP1C	X	6.111	6.111	0	%100
190	MP1C	Z	-3.528	-3.528	0	%100
191	MP4C	X	6.111	6.111	0	%100
192	MP4C	Z	-3.528	-3.528	0	%100
193	MP2B	X	6.111	6.111	0	%100
194	MP2B	Z	-3.528	-3.528	0	%100
195	MP1B	X	6.111	6.111	0	%100
196	MP1B	Z	-3.528	-3.528	0	%100
197	MP4B	X	6.111	6.111	0	%100
198	MP4B	Z	-3.528	-3.528	0	%100
199	MP3A	X	6.111	6.111	0	%100
200	MP3A	Z	-3.528	-3.528	0	%100
201	MP3C	X	6.111	6.111	0	%100
202	MP3C	Z	-3.528	-3.528	0	%100
203	MP3B	X	6.111	6.111	0	%100
204	MP3B	Z	-3.528	-3.528	0	%100
205	M185A	X	5.789	5.789	0	%100
206	M185A	Z	-3.342	-3.342	0	%100
207	M186	X	5.789	5.789	0	%100
208	M186	Z	-3.342	-3.342	0	%100
209	M187	X	1.93	1.93	0	%100
210	M187	Z	-1.114	-1.114	0	%100
211	M188	X	1.93	1.93	0	%100
212	M188	Z	-1.114	-1.114	0	%100
213	M188A	X	5.569	5.569	0	%100
214	M188A	Z	-3.215	-3.215	0	%100
215	M189	X	5.789	5.789	0	%100
216	M189	Z	-3.342	-3.342	0	%100
217	M190	X	5.789	5.789	0	%100
218	M190	Z	-3.342	-3.342	0	%100
219	M197	X	1.849	1.849	0	%100
220	M197	Z	-1.068	-1.068	0	%100
221	M196	X	7.397	7.397	0	%100
222	M196	Z	-4.271	-4.271	0	%100
223	M201A	X	1.849	1.849	0	%100
224	M201A	Z	-1.068	-1.068	0	%100
225	M212	X	8.211	8.211	0	%100
226	M212	Z	-4.741	-4.741	0	%100
227	M213	X	8.211	8.211	0	%100
228	M213	Z	-4.741	-4.741	0	%100
229	M214	X	5.768	5.768	0	%100
230	M214	Z	-3.33	-3.33	0	%100
231	M215	X	5.768	5.768	0	%100
232	M215	Z	-3.33	-3.33	0	%100
233	M216	X	8.211	8.211	0	%100
234	M216	Z	-4.741	-4.741	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
235	M217	X	8.211	8.211	0	%100
236	M217	Z	-4.741	-4.741	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M1	X	12.256	12.256	0	%100
2	M1	Z	0	0	0	%100
3	M3	X	0	0	0	%100
4	M3	Z	0	0	0	%100
5	M4	X	3.064	3.064	0	%100
6	M4	Z	0	0	0	%100
7	M6	X	1.114	1.114	0	%100
8	M6	Z	0	0	0	%100
9	M7	X	3.064	3.064	0	%100
10	M7	Z	0	0	0	%100
11	M9	X	1.114	1.114	0	%100
12	M9	Z	0	0	0	%100
13	M10	X	0	0	0	%100
14	M10	Z	0	0	0	%100
15	M11	X	7.428	7.428	0	%100
16	M11	Z	0	0	0	%100
17	M12	X	7.428	7.428	0	%100
18	M12	Z	0	0	0	%100
19	MP5B	X	7.036	7.036	0	%100
20	MP5B	Z	0	0	0	%100
21	MP5A	X	7.036	7.036	0	%100
22	MP5A	Z	0	0	0	%100
23	MP5C	X	7.036	7.036	0	%100
24	MP5C	Z	0	0	0	%100
25	M16	X	0	0	0	%100
26	M16	Z	0	0	0	%100
27	M18	X	0	0	0	%100
28	M18	Z	0	0	0	%100
29	M19	X	6.685	6.685	0	%100
30	M19	Z	0	0	0	%100
31	M20	X	6.685	6.685	0	%100
32	M20	Z	0	0	0	%100
33	M21	X	6.685	6.685	0	%100
34	M21	Z	0	0	0	%100
35	M22	X	6.685	6.685	0	%100
36	M22	Z	0	0	0	%100
37	M23	X	0	0	0	%100
38	M23	Z	0	0	0	%100
39	M24	X	11.142	11.142	0	%100
40	M24	Z	0	0	0	%100
41	M25	X	11.142	11.142	0	%100
42	M25	Z	0	0	0	%100
43	M26	X	0	0	0	%100
44	M26	Z	0	0	0	%100
45	M27	X	0	0	0	%100
46	M27	Z	0	0	0	%100
47	M28	X	6.685	6.685	0	%100
48	M28	Z	0	0	0	%100
49	M29	X	6.685	6.685	0	%100
50	M29	Z	0	0	0	%100
51	M30	X	6.685	6.685	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft,F....]	Start Location[ft, %]	End Location[ft, %]
52	M30	Z	0	0	0	%100
53	M31	X	6.685	6.685	0	%100
54	M31	Z	0	0	0	%100
55	M32	X	0	0	0	%100
56	M32	Z	0	0	0	%100
57	M33	X	11.142	11.142	0	%100
58	M33	Z	0	0	0	%100
59	M34	X	11.142	11.142	0	%100
60	M34	Z	0	0	0	%100
61	M35	X	0	0	0	%100
62	M35	Z	0	0	0	%100
63	M36	X	0	0	0	%100
64	M36	Z	0	0	0	%100
65	M37	X	6.685	6.685	0	%100
66	M37	Z	0	0	0	%100
67	M38	X	6.685	6.685	0	%100
68	M38	Z	0	0	0	%100
69	M39	X	6.685	6.685	0	%100
70	M39	Z	0	0	0	%100
71	M40	X	6.685	6.685	0	%100
72	M40	Z	0	0	0	%100
73	M41	X	6.375	6.375	0	%100
74	M41	Z	0	0	0	%100
75	M201	X	6.375	6.375	0	%100
76	M201	Z	0	0	0	%100
77	M50	X	6.375	6.375	0	%100
78	M50	Z	0	0	0	%100
79	M44	X	6.375	6.375	0	%100
80	M44	Z	0	0	0	%100
81	M45	X	6.375	6.375	0	%100
82	M45	Z	0	0	0	%100
83	M203	X	6.375	6.375	0	%100
84	M203	Z	0	0	0	%100
85	M200	X	6.375	6.375	0	%100
86	M200	Z	0	0	0	%100
87	M48	X	6.375	6.375	0	%100
88	M48	Z	0	0	0	%100
89	M49	X	6.375	6.375	0	%100
90	M49	Z	0	0	0	%100
91	M202	X	6.375	6.375	0	%100
92	M202	Z	0	0	0	%100
93	M51	X	6.375	6.375	0	%100
94	M51	Z	0	0	0	%100
95	M52	X	6.375	6.375	0	%100
96	M52	Z	0	0	0	%100
97	M53	X	0	0	0	%100
98	M53	Z	0	0	0	%100
99	M54	X	12.43	12.43	0	%100
100	M54	Z	0	0	0	%100
101	M55	X	12.43	12.43	0	%100
102	M55	Z	0	0	0	%100
103	M56	X	3.392	3.392	0	%100
104	M56	Z	0	0	0	%100
105	M57	X	9.904	9.904	0	%100
106	M57	Z	0	0	0	%100
107	M58	X	3.392	3.392	0	%100
108	M58	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
109	M61	X	1.128	1.128	0	%100
110	M61	Z	0	0	0	%100
111	M62	X	1.128	1.128	0	%100
112	M62	Z	0	0	0	%100
113	M67	X	1.128	1.128	0	%100
114	M67	Z	0	0	0	%100
115	M68	X	1.128	1.128	0	%100
116	M68	Z	0	0	0	%100
117	M73	X	1.128	1.128	0	%100
118	M73	Z	0	0	0	%100
119	M74	X	1.128	1.128	0	%100
120	M74	Z	0	0	0	%100
121	M79	X	1.128	1.128	0	%100
122	M79	Z	0	0	0	%100
123	M80	X	1.128	1.128	0	%100
124	M80	Z	0	0	0	%100
125	M85	X	1.128	1.128	0	%100
126	M85	Z	0	0	0	%100
127	M86	X	1.128	1.128	0	%100
128	M86	Z	0	0	0	%100
129	M91	X	1.128	1.128	0	%100
130	M91	Z	0	0	0	%100
131	M92	X	1.128	1.128	0	%100
132	M92	Z	0	0	0	%100
133	M97	X	.282	.282	0	%100
134	M97	Z	0	0	0	%100
135	M98	X	.282	.282	0	%100
136	M98	Z	0	0	0	%100
137	M103	X	.282	.282	0	%100
138	M103	Z	0	0	0	%100
139	M104	X	.282	.282	0	%100
140	M104	Z	0	0	0	%100
141	M109	X	.282	.282	0	%100
142	M109	Z	0	0	0	%100
143	M110	X	.282	.282	0	%100
144	M110	Z	0	0	0	%100
145	M115	X	.282	.282	0	%100
146	M115	Z	0	0	0	%100
147	M116	X	.282	.282	0	%100
148	M116	Z	0	0	0	%100
149	M121	X	.282	.282	0	%100
150	M121	Z	0	0	0	%100
151	M122	X	.282	.282	0	%100
152	M122	Z	0	0	0	%100
153	M127	X	.282	.282	0	%100
154	M127	Z	0	0	0	%100
155	M128	X	.282	.282	0	%100
156	M128	Z	0	0	0	%100
157	M133	X	.282	.282	0	%100
158	M133	Z	0	0	0	%100
159	M134	X	.282	.282	0	%100
160	M134	Z	0	0	0	%100
161	M139	X	.282	.282	0	%100
162	M139	Z	0	0	0	%100
163	M140	X	.282	.282	0	%100
164	M140	Z	0	0	0	%100
165	M145	X	.282	.282	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft.F....]	Start Location[ft.%]	End Location[ft.%]
166	M145	Z	0	0	0	%100
167	M146	X	.282	.282	0	%100
168	M146	Z	0	0	0	%100
169	M151	X	.282	.282	0	%100
170	M151	Z	0	0	0	%100
171	M152	X	.282	.282	0	%100
172	M152	Z	0	0	0	%100
173	M157	X	.282	.282	0	%100
174	M157	Z	0	0	0	%100
175	M158	X	.282	.282	0	%100
176	M158	Z	0	0	0	%100
177	M163	X	.282	.282	0	%100
178	M163	Z	0	0	0	%100
179	M164	X	.282	.282	0	%100
180	M164	Z	0	0	0	%100
181	MP2A	X	7.056	7.056	0	%100
182	MP2A	Z	0	0	0	%100
183	MP1A	X	7.056	7.056	0	%100
184	MP1A	Z	0	0	0	%100
185	MP4A	X	7.056	7.056	0	%100
186	MP4A	Z	0	0	0	%100
187	MP2C	X	7.056	7.056	0	%100
188	MP2C	Z	0	0	0	%100
189	MP1C	X	7.056	7.056	0	%100
190	MP1C	Z	0	0	0	%100
191	MP4C	X	7.056	7.056	0	%100
192	MP4C	Z	0	0	0	%100
193	MP2B	X	7.056	7.056	0	%100
194	MP2B	Z	0	0	0	%100
195	MP1B	X	7.056	7.056	0	%100
196	MP1B	Z	0	0	0	%100
197	MP4B	X	7.056	7.056	0	%100
198	MP4B	Z	0	0	0	%100
199	MP3A	X	7.056	7.056	0	%100
200	MP3A	Z	0	0	0	%100
201	MP3C	X	7.056	7.056	0	%100
202	MP3C	Z	0	0	0	%100
203	MP3B	X	7.056	7.056	0	%100
204	MP3B	Z	0	0	0	%100
205	M185A	X	8.913	8.913	0	%100
206	M185A	Z	0	0	0	%100
207	M186	X	8.913	8.913	0	%100
208	M186	Z	0	0	0	%100
209	M187	X	0	0	0	%100
210	M187	Z	0	0	0	%100
211	M188	X	0	0	0	%100
212	M188	Z	0	0	0	%100
213	M188A	X	6.43	6.43	0	%100
214	M188A	Z	0	0	0	%100
215	M189	X	8.913	8.913	0	%100
216	M189	Z	0	0	0	%100
217	M190	X	8.913	8.913	0	%100
218	M190	Z	0	0	0	%100
219	M197	X	0	0	0	%100
220	M197	Z	0	0	0	%100
221	M196	X	6.406	6.406	0	%100
222	M196	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%]	End Location[ft.%]
223	M201A	X	6.406	6.406	0	%100
224	M201A	Z	0	0	0	%100
225	M212	X	10.422	10.422	0	%100
226	M212	Z	0	0	0	%100
227	M213	X	10.422	10.422	0	%100
228	M213	Z	0	0	0	%100
229	M214	X	7.601	7.601	0	%100
230	M214	Z	0	0	0	%100
231	M215	X	7.601	7.601	0	%100
232	M215	Z	0	0	0	%100
233	M216	X	7.601	7.601	0	%100
234	M216	Z	0	0	0	%100
235	M217	X	7.601	7.601	0	%100
236	M217	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%]	End Location[ft.%]
1	M1	X	7.96	7.96	0	%100
2	M1	Z	4.596	4.596	0	%100
3	M3	X	.322	.322	0	%100
4	M3	Z	.186	.186	0	%100
5	M4	X	7.96	7.96	0	%100
6	M4	Z	4.596	4.596	0	%100
7	M6	X	.322	.322	0	%100
8	M6	Z	.186	.186	0	%100
9	M7	X	0	0	0	%100
10	M7	Z	0	0	0	%100
11	M9	X	1.287	1.287	0	%100
12	M9	Z	.743	.743	0	%100
13	M10	X	2.144	2.144	0	%100
14	M10	Z	1.238	1.238	0	%100
15	M11	X	2.144	2.144	0	%100
16	M11	Z	1.238	1.238	0	%100
17	M12	X	8.577	8.577	0	%100
18	M12	Z	4.952	4.952	0	%100
19	MP5B	X	6.093	6.093	0	%100
20	MP5B	Z	3.518	3.518	0	%100
21	MP5A	X	6.093	6.093	0	%100
22	MP5A	Z	3.518	3.518	0	%100
23	MP5C	X	6.093	6.093	0	%100
24	MP5C	Z	3.518	3.518	0	%100
25	M16	X	1.93	1.93	0	%100
26	M16	Z	1.114	1.114	0	%100
27	M18	X	1.93	1.93	0	%100
28	M18	Z	1.114	1.114	0	%100
29	M19	X	1.93	1.93	0	%100
30	M19	Z	1.114	1.114	0	%100
31	M20	X	1.93	1.93	0	%100
32	M20	Z	1.114	1.114	0	%100
33	M21	X	7.719	7.719	0	%100
34	M21	Z	4.457	4.457	0	%100
35	M22	X	7.719	7.719	0	%100
36	M22	Z	4.457	4.457	0	%100
37	M23	X	3.216	3.216	0	%100
38	M23	Z	1.857	1.857	0	%100
39	M24	X	3.216	3.216	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft,F....]	Start Location[ft. %]	End Location[ft. %]
40	M24	Z	1.857	1.857	0	%100
41	M25	X	12.865	12.865	0	%100
42	M25	Z	7.428	7.428	0	%100
43	M26	X	1.93	1.93	0	%100
44	M26	Z	1.114	1.114	0	%100
45	M27	X	1.93	1.93	0	%100
46	M27	Z	1.114	1.114	0	%100
47	M28	X	1.93	1.93	0	%100
48	M28	Z	1.114	1.114	0	%100
49	M29	X	1.93	1.93	0	%100
50	M29	Z	1.114	1.114	0	%100
51	M30	X	7.719	7.719	0	%100
52	M30	Z	4.457	4.457	0	%100
53	M31	X	7.719	7.719	0	%100
54	M31	Z	4.457	4.457	0	%100
55	M32	X	3.216	3.216	0	%100
56	M32	Z	1.857	1.857	0	%100
57	M33	X	3.216	3.216	0	%100
58	M33	Z	1.857	1.857	0	%100
59	M34	X	12.865	12.865	0	%100
60	M34	Z	7.428	7.428	0	%100
61	M35	X	1.93	1.93	0	%100
62	M35	Z	1.114	1.114	0	%100
63	M36	X	1.93	1.93	0	%100
64	M36	Z	1.114	1.114	0	%100
65	M37	X	1.93	1.93	0	%100
66	M37	Z	1.114	1.114	0	%100
67	M38	X	1.93	1.93	0	%100
68	M38	Z	1.114	1.114	0	%100
69	M39	X	7.719	7.719	0	%100
70	M39	Z	4.457	4.457	0	%100
71	M40	X	7.719	7.719	0	%100
72	M40	Z	4.457	4.457	0	%100
73	M41	X	5.521	5.521	0	%100
74	M41	Z	3.188	3.188	0	%100
75	M201	X	5.521	5.521	0	%100
76	M201	Z	3.188	3.188	0	%100
77	M50	X	5.521	5.521	0	%100
78	M50	Z	3.188	3.188	0	%100
79	M44	X	5.521	5.521	0	%100
80	M44	Z	3.188	3.188	0	%100
81	M45	X	5.521	5.521	0	%100
82	M45	Z	3.188	3.188	0	%100
83	M203	X	5.521	5.521	0	%100
84	M203	Z	3.188	3.188	0	%100
85	M200	X	5.521	5.521	0	%100
86	M200	Z	3.188	3.188	0	%100
87	M48	X	5.521	5.521	0	%100
88	M48	Z	3.188	3.188	0	%100
89	M49	X	5.521	5.521	0	%100
90	M49	Z	3.188	3.188	0	%100
91	M202	X	5.521	5.521	0	%100
92	M202	Z	3.188	3.188	0	%100
93	M51	X	5.521	5.521	0	%100
94	M51	Z	3.188	3.188	0	%100
95	M52	X	5.521	5.521	0	%100
96	M52	Z	3.188	3.188	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft,F...	Start Location[ft.%,]	End Location[ft.%,]
97	M53	X	2.144	2.144	0	%100
98	M53	Z	1.238	1.238	0	%100
99	M54	X	8.073	8.073	0	%100
100	M54	Z	4.661	4.661	0	%100
101	M55	X	8.073	8.073	0	%100
102	M55	Z	4.661	4.661	0	%100
103	M56	X	6.697	6.697	0	%100
104	M56	Z	3.866	3.866	0	%100
105	M57	X	6.697	6.697	0	%100
106	M57	Z	3.866	3.866	0	%100
107	M58	X	1.057	1.057	0	%100
108	M58	Z	.61	.61	0	%100
109	M61	X	.733	.733	0	%100
110	M61	Z	.423	.423	0	%100
111	M62	X	.733	.733	0	%100
112	M62	Z	.423	.423	0	%100
113	M67	X	.733	.733	0	%100
114	M67	Z	.423	.423	0	%100
115	M68	X	.733	.733	0	%100
116	M68	Z	.423	.423	0	%100
117	M73	X	.733	.733	0	%100
118	M73	Z	.423	.423	0	%100
119	M74	X	.733	.733	0	%100
120	M74	Z	.423	.423	0	%100
121	M79	X	.733	.733	0	%100
122	M79	Z	.423	.423	0	%100
123	M80	X	.733	.733	0	%100
124	M80	Z	.423	.423	0	%100
125	M85	X	.733	.733	0	%100
126	M85	Z	.423	.423	0	%100
127	M86	X	.733	.733	0	%100
128	M86	Z	.423	.423	0	%100
129	M91	X	.733	.733	0	%100
130	M91	Z	.423	.423	0	%100
131	M92	X	.733	.733	0	%100
132	M92	Z	.423	.423	0	%100
133	M97	X	.733	.733	0	%100
134	M97	Z	.423	.423	0	%100
135	M98	X	.733	.733	0	%100
136	M98	Z	.423	.423	0	%100
137	M103	X	.733	.733	0	%100
138	M103	Z	.423	.423	0	%100
139	M104	X	.733	.733	0	%100
140	M104	Z	.423	.423	0	%100
141	M109	X	.733	.733	0	%100
142	M109	Z	.423	.423	0	%100
143	M110	X	.733	.733	0	%100
144	M110	Z	.423	.423	0	%100
145	M115	X	.733	.733	0	%100
146	M115	Z	.423	.423	0	%100
147	M116	X	.733	.733	0	%100
148	M116	Z	.423	.423	0	%100
149	M121	X	.733	.733	0	%100
150	M121	Z	.423	.423	0	%100
151	M122	X	.733	.733	0	%100
152	M122	Z	.423	.423	0	%100
153	M127	X	.733	.733	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft,F....]	Start Location[ft.%]	End Location[ft.%]
154	M127	Z	.423	.423	0	%100
155	M128	X	.733	.733	0	%100
156	M128	Z	.423	.423	0	%100
157	M133	X	0	0	0	%100
158	M133	Z	0	0	0	%100
159	M134	X	0	0	0	%100
160	M134	Z	0	0	0	%100
161	M139	X	0	0	0	%100
162	M139	Z	0	0	0	%100
163	M140	X	0	0	0	%100
164	M140	Z	0	0	0	%100
165	M145	X	0	0	0	%100
166	M145	Z	0	0	0	%100
167	M146	X	0	0	0	%100
168	M146	Z	0	0	0	%100
169	M151	X	0	0	0	%100
170	M151	Z	0	0	0	%100
171	M152	X	0	0	0	%100
172	M152	Z	0	0	0	%100
173	M157	X	0	0	0	%100
174	M157	Z	0	0	0	%100
175	M158	X	0	0	0	%100
176	M158	Z	0	0	0	%100
177	M163	X	0	0	0	%100
178	M163	Z	0	0	0	%100
179	M164	X	0	0	0	%100
180	M164	Z	0	0	0	%100
181	MP2A	X	6.111	6.111	0	%100
182	MP2A	Z	3.528	3.528	0	%100
183	MP1A	X	6.111	6.111	0	%100
184	MP1A	Z	3.528	3.528	0	%100
185	MP4A	X	6.111	6.111	0	%100
186	MP4A	Z	3.528	3.528	0	%100
187	MP2C	X	6.111	6.111	0	%100
188	MP2C	Z	3.528	3.528	0	%100
189	MP1C	X	6.111	6.111	0	%100
190	MP1C	Z	3.528	3.528	0	%100
191	MP4C	X	6.111	6.111	0	%100
192	MP4C	Z	3.528	3.528	0	%100
193	MP2B	X	6.111	6.111	0	%100
194	MP2B	Z	3.528	3.528	0	%100
195	MP1B	X	6.111	6.111	0	%100
196	MP1B	Z	3.528	3.528	0	%100
197	MP4B	X	6.111	6.111	0	%100
198	MP4B	Z	3.528	3.528	0	%100
199	MP3A	X	6.111	6.111	0	%100
200	MP3A	Z	3.528	3.528	0	%100
201	MP3C	X	6.111	6.111	0	%100
202	MP3C	Z	3.528	3.528	0	%100
203	MP3B	X	6.111	6.111	0	%100
204	MP3B	Z	3.528	3.528	0	%100
205	M185A	X	5.789	5.789	0	%100
206	M185A	Z	3.342	3.342	0	%100
207	M186	X	5.789	5.789	0	%100
208	M186	Z	3.342	3.342	0	%100
209	M187	X	1.93	1.93	0	%100
210	M187	Z	1.114	1.114	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft,F...	Start Location[ft.%]	End Location[ft.%]
211	M188	X	1.93	1.93	0	%100
212	M188	Z	1.114	1.114	0	%100
213	M188A	X	5.569	5.569	0	%100
214	M188A	Z	3.215	3.215	0	%100
215	M189	X	5.789	5.789	0	%100
216	M189	Z	3.342	3.342	0	%100
217	M190	X	5.789	5.789	0	%100
218	M190	Z	3.342	3.342	0	%100
219	M197	X	1.849	1.849	0	%100
220	M197	Z	1.068	1.068	0	%100
221	M196	X	1.849	1.849	0	%100
222	M196	Z	1.068	1.068	0	%100
223	M201A	X	7.397	7.397	0	%100
224	M201A	Z	4.271	4.271	0	%100
225	M212	X	8.211	8.211	0	%100
226	M212	Z	4.741	4.741	0	%100
227	M213	X	8.211	8.211	0	%100
228	M213	Z	4.741	4.741	0	%100
229	M214	X	8.211	8.211	0	%100
230	M214	Z	4.741	4.741	0	%100
231	M215	X	8.211	8.211	0	%100
232	M215	Z	4.741	4.741	0	%100
233	M216	X	5.768	5.768	0	%100
234	M216	Z	3.33	3.33	0	%100
235	M217	X	5.768	5.768	0	%100
236	M217	Z	3.33	3.33	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft,F...	Start Location[ft.%]	End Location[ft.%]
1	M1	X	1.532	1.532	0	%100
2	M1	Z	2.653	2.653	0	%100
3	M3	X	.557	.557	0	%100
4	M3	Z	.965	.965	0	%100
5	M4	X	6.128	6.128	0	%100
6	M4	Z	10.614	10.614	0	%100
7	M6	X	0	0	0	%100
8	M6	Z	0	0	0	%100
9	M7	X	1.532	1.532	0	%100
10	M7	Z	2.653	2.653	0	%100
11	M9	X	.557	.557	0	%100
12	M9	Z	.965	.965	0	%100
13	M10	X	3.714	3.714	0	%100
14	M10	Z	6.433	6.433	0	%100
15	M11	X	0	0	0	%100
16	M11	Z	0	0	0	%100
17	M12	X	3.714	3.714	0	%100
18	M12	Z	6.433	6.433	0	%100
19	MP5B	X	3.518	3.518	0	%100
20	MP5B	Z	6.093	6.093	0	%100
21	MP5A	X	3.518	3.518	0	%100
22	MP5A	Z	6.093	6.093	0	%100
23	MP5C	X	3.518	3.518	0	%100
24	MP5C	Z	6.093	6.093	0	%100
25	M16	X	3.342	3.342	0	%100
26	M16	Z	5.789	5.789	0	%100
27	M18	X	3.342	3.342	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
28	M18	Z	5.789	5.789	0	%100
29	M19	X	0	0	0	%100
30	M19	Z	0	0	0	%100
31	M20	X	0	0	0	%100
32	M20	Z	0	0	0	%100
33	M21	X	3.342	3.342	0	%100
34	M21	Z	5.789	5.789	0	%100
35	M22	X	3.342	3.342	0	%100
36	M22	Z	5.789	5.789	0	%100
37	M23	X	5.571	5.571	0	%100
38	M23	Z	9.649	9.649	0	%100
39	M24	X	0	0	0	%100
40	M24	Z	0	0	0	%100
41	M25	X	5.571	5.571	0	%100
42	M25	Z	9.649	9.649	0	%100
43	M26	X	3.342	3.342	0	%100
44	M26	Z	5.789	5.789	0	%100
45	M27	X	3.342	3.342	0	%100
46	M27	Z	5.789	5.789	0	%100
47	M28	X	0	0	0	%100
48	M28	Z	0	0	0	%100
49	M29	X	0	0	0	%100
50	M29	Z	0	0	0	%100
51	M30	X	3.342	3.342	0	%100
52	M30	Z	5.789	5.789	0	%100
53	M31	X	3.342	3.342	0	%100
54	M31	Z	5.789	5.789	0	%100
55	M32	X	5.571	5.571	0	%100
56	M32	Z	9.649	9.649	0	%100
57	M33	X	0	0	0	%100
58	M33	Z	0	0	0	%100
59	M34	X	5.571	5.571	0	%100
60	M34	Z	9.649	9.649	0	%100
61	M35	X	3.342	3.342	0	%100
62	M35	Z	5.789	5.789	0	%100
63	M36	X	3.342	3.342	0	%100
64	M36	Z	5.789	5.789	0	%100
65	M37	X	0	0	0	%100
66	M37	Z	0	0	0	%100
67	M38	X	0	0	0	%100
68	M38	Z	0	0	0	%100
69	M39	X	3.342	3.342	0	%100
70	M39	Z	5.789	5.789	0	%100
71	M40	X	3.342	3.342	0	%100
72	M40	Z	5.789	5.789	0	%100
73	M41	X	3.188	3.188	0	%100
74	M41	Z	5.521	5.521	0	%100
75	M201	X	3.188	3.188	0	%100
76	M201	Z	5.521	5.521	0	%100
77	M50	X	3.188	3.188	0	%100
78	M50	Z	5.521	5.521	0	%100
79	M44	X	3.188	3.188	0	%100
80	M44	Z	5.521	5.521	0	%100
81	M45	X	3.188	3.188	0	%100
82	M45	Z	5.521	5.521	0	%100
83	M203	X	3.188	3.188	0	%100
84	M203	Z	5.521	5.521	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft,F....]	Start Location[ft.%]	End Location[ft.%]
142	M109	Z	.977	.977	0	%100
143	M110	X	.564	.564	0	%100
144	M110	Z	.977	.977	0	%100
145	M115	X	.564	.564	0	%100
146	M115	Z	.977	.977	0	%100
147	M116	X	.564	.564	0	%100
148	M116	Z	.977	.977	0	%100
149	M121	X	.564	.564	0	%100
150	M121	Z	.977	.977	0	%100
151	M122	X	.564	.564	0	%100
152	M122	Z	.977	.977	0	%100
153	M127	X	.564	.564	0	%100
154	M127	Z	.977	.977	0	%100
155	M128	X	.564	.564	0	%100
156	M128	Z	.977	.977	0	%100
157	M133	X	.141	.141	0	%100
158	M133	Z	.244	.244	0	%100
159	M134	X	.141	.141	0	%100
160	M134	Z	.244	.244	0	%100
161	M139	X	.141	.141	0	%100
162	M139	Z	.244	.244	0	%100
163	M140	X	.141	.141	0	%100
164	M140	Z	.244	.244	0	%100
165	M145	X	.141	.141	0	%100
166	M145	Z	.244	.244	0	%100
167	M146	X	.141	.141	0	%100
168	M146	Z	.244	.244	0	%100
169	M151	X	.141	.141	0	%100
170	M151	Z	.244	.244	0	%100
171	M152	X	.141	.141	0	%100
172	M152	Z	.244	.244	0	%100
173	M157	X	.141	.141	0	%100
174	M157	Z	.244	.244	0	%100
175	M158	X	.141	.141	0	%100
176	M158	Z	.244	.244	0	%100
177	M163	X	.141	.141	0	%100
178	M163	Z	.244	.244	0	%100
179	M164	X	.141	.141	0	%100
180	M164	Z	.244	.244	0	%100
181	MP2A	X	3.528	3.528	0	%100
182	MP2A	Z	6.111	6.111	0	%100
183	MP1A	X	3.528	3.528	0	%100
184	MP1A	Z	6.111	6.111	0	%100
185	MP4A	X	3.528	3.528	0	%100
186	MP4A	Z	6.111	6.111	0	%100
187	MP2C	X	3.528	3.528	0	%100
188	MP2C	Z	6.111	6.111	0	%100
189	MP1C	X	3.528	3.528	0	%100
190	MP1C	Z	6.111	6.111	0	%100
191	MP4C	X	3.528	3.528	0	%100
192	MP4C	Z	6.111	6.111	0	%100
193	MP2B	X	3.528	3.528	0	%100
194	MP2B	Z	6.111	6.111	0	%100
195	MP1B	X	3.528	3.528	0	%100
196	MP1B	Z	6.111	6.111	0	%100
197	MP4B	X	3.528	3.528	0	%100
198	MP4B	Z	6.111	6.111	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
199	MP3A	X	3.528	3.528	0	%100
200	MP3A	Z	6.111	6.111	0	%100
201	MP3C	X	3.528	3.528	0	%100
202	MP3C	Z	6.111	6.111	0	%100
203	MP3B	X	3.528	3.528	0	%100
204	MP3B	Z	6.111	6.111	0	%100
205	M185A	X	1.114	1.114	0	%100
206	M185A	Z	1.93	1.93	0	%100
207	M186	X	1.114	1.114	0	%100
208	M186	Z	1.93	1.93	0	%100
209	M187	X	3.342	3.342	0	%100
210	M187	Z	5.789	5.789	0	%100
211	M188	X	3.342	3.342	0	%100
212	M188	Z	5.789	5.789	0	%100
213	M188A	X	3.215	3.215	0	%100
214	M188A	Z	5.569	5.569	0	%100
215	M189	X	1.114	1.114	0	%100
216	M189	Z	1.93	1.93	0	%100
217	M190	X	1.114	1.114	0	%100
218	M190	Z	1.93	1.93	0	%100
219	M197	X	3.203	3.203	0	%100
220	M197	Z	5.548	5.548	0	%100
221	M196	X	0	0	0	%100
222	M196	Z	0	0	0	%100
223	M201A	X	3.203	3.203	0	%100
224	M201A	Z	5.548	5.548	0	%100
225	M212	X	3.8	3.8	0	%100
226	M212	Z	6.582	6.582	0	%100
227	M213	X	3.8	3.8	0	%100
228	M213	Z	6.582	6.582	0	%100
229	M214	X	5.211	5.211	0	%100
230	M214	Z	9.026	9.026	0	%100
231	M215	X	5.211	5.211	0	%100
232	M215	Z	9.026	9.026	0	%100
233	M216	X	3.8	3.8	0	%100
234	M216	Z	6.582	6.582	0	%100
235	M217	X	3.8	3.8	0	%100
236	M217	Z	6.582	6.582	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M3	X	0	0	0	%100
4	M3	Z	1.486	1.486	0	%100
5	M4	X	0	0	0	%100
6	M4	Z	9.192	9.192	0	%100
7	M6	X	0	0	0	%100
8	M6	Z	.371	.371	0	%100
9	M7	X	0	0	0	%100
10	M7	Z	9.192	9.192	0	%100
11	M9	X	0	0	0	%100
12	M9	Z	.371	.371	0	%100
13	M10	X	0	0	0	%100
14	M10	Z	9.904	9.904	0	%100
15	M11	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft,F...]	Start Location[ft.%]	End Location[ft.%]
16	M11	Z	2.476	2.476	0	%100
17	M12	X	0	0	0	%100
18	M12	Z	2.476	2.476	0	%100
19	MP5B	X	0	0	0	%100
20	MP5B	Z	7.036	7.036	0	%100
21	MP5A	X	0	0	0	%100
22	MP5A	Z	7.036	7.036	0	%100
23	MP5C	X	0	0	0	%100
24	MP5C	Z	7.036	7.036	0	%100
25	M16	X	0	0	0	%100
26	M16	Z	8.913	8.913	0	%100
27	M18	X	0	0	0	%100
28	M18	Z	8.913	8.913	0	%100
29	M19	X	0	0	0	%100
30	M19	Z	2.228	2.228	0	%100
31	M20	X	0	0	0	%100
32	M20	Z	2.228	2.228	0	%100
33	M21	X	0	0	0	%100
34	M21	Z	2.228	2.228	0	%100
35	M22	X	0	0	0	%100
36	M22	Z	2.228	2.228	0	%100
37	M23	X	0	0	0	%100
38	M23	Z	14.855	14.855	0	%100
39	M24	X	0	0	0	%100
40	M24	Z	3.714	3.714	0	%100
41	M25	X	0	0	0	%100
42	M25	Z	3.714	3.714	0	%100
43	M26	X	0	0	0	%100
44	M26	Z	8.913	8.913	0	%100
45	M27	X	0	0	0	%100
46	M27	Z	8.913	8.913	0	%100
47	M28	X	0	0	0	%100
48	M28	Z	2.228	2.228	0	%100
49	M29	X	0	0	0	%100
50	M29	Z	2.228	2.228	0	%100
51	M30	X	0	0	0	%100
52	M30	Z	2.228	2.228	0	%100
53	M31	X	0	0	0	%100
54	M31	Z	2.228	2.228	0	%100
55	M32	X	0	0	0	%100
56	M32	Z	14.855	14.855	0	%100
57	M33	X	0	0	0	%100
58	M33	Z	3.714	3.714	0	%100
59	M34	X	0	0	0	%100
60	M34	Z	3.714	3.714	0	%100
61	M35	X	0	0	0	%100
62	M35	Z	8.913	8.913	0	%100
63	M36	X	0	0	0	%100
64	M36	Z	8.913	8.913	0	%100
65	M37	X	0	0	0	%100
66	M37	Z	2.228	2.228	0	%100
67	M38	X	0	0	0	%100
68	M38	Z	2.228	2.228	0	%100
69	M39	X	0	0	0	%100
70	M39	Z	2.228	2.228	0	%100
71	M40	X	0	0	0	%100
72	M40	Z	2.228	2.228	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft,F...	Start Location[ft.%,]	End Location[ft.%,]
73	M41	X	0	0	0	%100
74	M41	Z	6.375	6.375	0	%100
75	M201	X	0	0	0	%100
76	M201	Z	6.375	6.375	0	%100
77	M50	X	0	0	0	%100
78	M50	Z	6.375	6.375	0	%100
79	M44	X	0	0	0	%100
80	M44	Z	6.375	6.375	0	%100
81	M45	X	0	0	0	%100
82	M45	Z	6.375	6.375	0	%100
83	M203	X	0	0	0	%100
84	M203	Z	6.375	6.375	0	%100
85	M200	X	0	0	0	%100
86	M200	Z	6.375	6.375	0	%100
87	M48	X	0	0	0	%100
88	M48	Z	6.375	6.375	0	%100
89	M49	X	0	0	0	%100
90	M49	Z	6.375	6.375	0	%100
91	M202	X	0	0	0	%100
92	M202	Z	6.375	6.375	0	%100
93	M51	X	0	0	0	%100
94	M51	Z	6.375	6.375	0	%100
95	M52	X	0	0	0	%100
96	M52	Z	6.375	6.375	0	%100
97	M53	X	0	0	0	%100
98	M53	Z	9.904	9.904	0	%100
99	M54	X	0	0	0	%100
100	M54	Z	0	0	0	%100
101	M55	X	0	0	0	%100
102	M55	Z	0	0	0	%100
103	M56	X	0	0	0	%100
104	M56	Z	7.733	7.733	0	%100
105	M57	X	0	0	0	%100
106	M57	Z	1.221	1.221	0	%100
107	M58	X	0	0	0	%100
108	M58	Z	7.733	7.733	0	%100
109	M61	X	0	0	0	%100
110	M61	Z	0	0	0	%100
111	M62	X	0	0	0	%100
112	M62	Z	0	0	0	%100
113	M67	X	0	0	0	%100
114	M67	Z	0	0	0	%100
115	M68	X	0	0	0	%100
116	M68	Z	0	0	0	%100
117	M73	X	0	0	0	%100
118	M73	Z	0	0	0	%100
119	M74	X	0	0	0	%100
120	M74	Z	0	0	0	%100
121	M79	X	0	0	0	%100
122	M79	Z	0	0	0	%100
123	M80	X	0	0	0	%100
124	M80	Z	0	0	0	%100
125	M85	X	0	0	0	%100
126	M85	Z	0	0	0	%100
127	M86	X	0	0	0	%100
128	M86	Z	0	0	0	%100
129	M91	X	0	0	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft,....]	End Magnitude[lb/ft,F,....]	Start Location[ft,.%]	End Location[ft,.%]
130	M91	Z	0	0	0	%100
131	M92	X	0	0	0	%100
132	M92	Z	0	0	0	%100
133	M97	X	0	0	0	%100
134	M97	Z	.846	.846	0	%100
135	M98	X	0	0	0	%100
136	M98	Z	.846	.846	0	%100
137	M103	X	0	0	0	%100
138	M103	Z	.846	.846	0	%100
139	M104	X	0	0	0	%100
140	M104	Z	.846	.846	0	%100
141	M109	X	0	0	0	%100
142	M109	Z	.846	.846	0	%100
143	M110	X	0	0	0	%100
144	M110	Z	.846	.846	0	%100
145	M115	X	0	0	0	%100
146	M115	Z	.846	.846	0	%100
147	M116	X	0	0	0	%100
148	M116	Z	.846	.846	0	%100
149	M121	X	0	0	0	%100
150	M121	Z	.846	.846	0	%100
151	M122	X	0	0	0	%100
152	M122	Z	.846	.846	0	%100
153	M127	X	0	0	0	%100
154	M127	Z	.846	.846	0	%100
155	M128	X	0	0	0	%100
156	M128	Z	.846	.846	0	%100
157	M133	X	0	0	0	%100
158	M133	Z	.846	.846	0	%100
159	M134	X	0	0	0	%100
160	M134	Z	.846	.846	0	%100
161	M139	X	0	0	0	%100
162	M139	Z	.846	.846	0	%100
163	M140	X	0	0	0	%100
164	M140	Z	.846	.846	0	%100
165	M145	X	0	0	0	%100
166	M145	Z	.846	.846	0	%100
167	M146	X	0	0	0	%100
168	M146	Z	.846	.846	0	%100
169	M151	X	0	0	0	%100
170	M151	Z	.846	.846	0	%100
171	M152	X	0	0	0	%100
172	M152	Z	.846	.846	0	%100
173	M157	X	0	0	0	%100
174	M157	Z	.846	.846	0	%100
175	M158	X	0	0	0	%100
176	M158	Z	.846	.846	0	%100
177	M163	X	0	0	0	%100
178	M163	Z	.846	.846	0	%100
179	M164	X	0	0	0	%100
180	M164	Z	.846	.846	0	%100
181	MP2A	X	0	0	0	%100
182	MP2A	Z	7.056	7.056	0	%100
183	MP1A	X	0	0	0	%100
184	MP1A	Z	7.056	7.056	0	%100
185	MP4A	X	0	0	0	%100
186	MP4A	Z	7.056	7.056	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
187	MP2C	X	0	0	0	%100
188	MP2C	Z	7.056	7.056	0	%100
189	MP1C	X	0	0	0	%100
190	MP1C	Z	7.056	7.056	0	%100
191	MP4C	X	0	0	0	%100
192	MP4C	Z	7.056	7.056	0	%100
193	MP2B	X	0	0	0	%100
194	MP2B	Z	7.056	7.056	0	%100
195	MP1B	X	0	0	0	%100
196	MP1B	Z	7.056	7.056	0	%100
197	MP4B	X	0	0	0	%100
198	MP4B	Z	7.056	7.056	0	%100
199	MP3A	X	0	0	0	%100
200	MP3A	Z	7.056	7.056	0	%100
201	MP3C	X	0	0	0	%100
202	MP3C	Z	7.056	7.056	0	%100
203	MP3B	X	0	0	0	%100
204	MP3B	Z	7.056	7.056	0	%100
205	M185A	X	0	0	0	%100
206	M185A	Z	0	0	0	%100
207	M186	X	0	0	0	%100
208	M186	Z	0	0	0	%100
209	M187	X	0	0	0	%100
210	M187	Z	8.913	8.913	0	%100
211	M188	X	0	0	0	%100
212	M188	Z	8.913	8.913	0	%100
213	M188A	X	0	0	0	%100
214	M188A	Z	6.43	6.43	0	%100
215	M189	X	0	0	0	%100
216	M189	Z	0	0	0	%100
217	M190	X	0	0	0	%100
218	M190	Z	0	0	0	%100
219	M197	X	0	0	0	%100
220	M197	Z	8.542	8.542	0	%100
221	M196	X	0	0	0	%100
222	M196	Z	2.135	2.135	0	%100
223	M201A	X	0	0	0	%100
224	M201A	Z	2.135	2.135	0	%100
225	M212	X	0	0	0	%100
226	M212	Z	6.66	6.66	0	%100
227	M213	X	0	0	0	%100
228	M213	Z	6.66	6.66	0	%100
229	M214	X	0	0	0	%100
230	M214	Z	9.481	9.481	0	%100
231	M215	X	0	0	0	%100
232	M215	Z	9.481	9.481	0	%100
233	M216	X	0	0	0	%100
234	M216	Z	9.481	9.481	0	%100
235	M217	X	0	0	0	%100
236	M217	Z	9.481	9.481	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M1	X	-1.532	-1.532	0	%100
2	M1	Z	2.653	2.653	0	%100
3	M3	X	-0.557	-0.557	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft,F....]	Start Location[ft.%]	End Location[ft.%]
4	M3	Z	.965	.965	0	%100
5	M4	X	-1.532	-1.532	0	%100
6	M4	Z	2.653	2.653	0	%100
7	M6	X	-.557	-.557	0	%100
8	M6	Z	.965	.965	0	%100
9	M7	X	-6.128	-6.128	0	%100
10	M7	Z	10.614	10.614	0	%100
11	M9	X	0	0	0	%100
12	M9	Z	0	0	0	%100
13	M10	X	-3.714	-3.714	0	%100
14	M10	Z	6.433	6.433	0	%100
15	M11	X	-3.714	-3.714	0	%100
16	M11	Z	6.433	6.433	0	%100
17	M12	X	0	0	0	%100
18	M12	Z	0	0	0	%100
19	MP5B	X	-3.518	-3.518	0	%100
20	MP5B	Z	6.093	6.093	0	%100
21	MP5A	X	-3.518	-3.518	0	%100
22	MP5A	Z	6.093	6.093	0	%100
23	MP5C	X	-3.518	-3.518	0	%100
24	MP5C	Z	6.093	6.093	0	%100
25	M16	X	-3.342	-3.342	0	%100
26	M16	Z	5.789	5.789	0	%100
27	M18	X	-3.342	-3.342	0	%100
28	M18	Z	5.789	5.789	0	%100
29	M19	X	-3.342	-3.342	0	%100
30	M19	Z	5.789	5.789	0	%100
31	M20	X	-3.342	-3.342	0	%100
32	M20	Z	5.789	5.789	0	%100
33	M21	X	0	0	0	%100
34	M21	Z	0	0	0	%100
35	M22	X	0	0	0	%100
36	M22	Z	0	0	0	%100
37	M23	X	-5.571	-5.571	0	%100
38	M23	Z	9.649	9.649	0	%100
39	M24	X	-5.571	-5.571	0	%100
40	M24	Z	9.649	9.649	0	%100
41	M25	X	0	0	0	%100
42	M25	Z	0	0	0	%100
43	M26	X	-3.342	-3.342	0	%100
44	M26	Z	5.789	5.789	0	%100
45	M27	X	-3.342	-3.342	0	%100
46	M27	Z	5.789	5.789	0	%100
47	M28	X	-3.342	-3.342	0	%100
48	M28	Z	5.789	5.789	0	%100
49	M29	X	-3.342	-3.342	0	%100
50	M29	Z	5.789	5.789	0	%100
51	M30	X	0	0	0	%100
52	M30	Z	0	0	0	%100
53	M31	X	0	0	0	%100
54	M31	Z	0	0	0	%100
55	M32	X	-5.571	-5.571	0	%100
56	M32	Z	9.649	9.649	0	%100
57	M33	X	-5.571	-5.571	0	%100
58	M33	Z	9.649	9.649	0	%100
59	M34	X	0	0	0	%100
60	M34	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,....	End Magnitude[lb/ft,F...	Start Location[ft,.%]	End Location[ft,.%]
61	M35	X	-3.342	-3.342	0	%100
62	M35	Z	5.789	5.789	0	%100
63	M36	X	-3.342	-3.342	0	%100
64	M36	Z	5.789	5.789	0	%100
65	M37	X	-3.342	-3.342	0	%100
66	M37	Z	5.789	5.789	0	%100
67	M38	X	-3.342	-3.342	0	%100
68	M38	Z	5.789	5.789	0	%100
69	M39	X	0	0	0	%100
70	M39	Z	0	0	0	%100
71	M40	X	0	0	0	%100
72	M40	Z	0	0	0	%100
73	M41	X	-3.188	-3.188	0	%100
74	M41	Z	5.521	5.521	0	%100
75	M201	X	-3.188	-3.188	0	%100
76	M201	Z	5.521	5.521	0	%100
77	M50	X	-3.188	-3.188	0	%100
78	M50	Z	5.521	5.521	0	%100
79	M44	X	-3.188	-3.188	0	%100
80	M44	Z	5.521	5.521	0	%100
81	M45	X	-3.188	-3.188	0	%100
82	M45	Z	5.521	5.521	0	%100
83	M203	X	-3.188	-3.188	0	%100
84	M203	Z	5.521	5.521	0	%100
85	M200	X	-3.188	-3.188	0	%100
86	M200	Z	5.521	5.521	0	%100
87	M48	X	-3.188	-3.188	0	%100
88	M48	Z	5.521	5.521	0	%100
89	M49	X	-3.188	-3.188	0	%100
90	M49	Z	5.521	5.521	0	%100
91	M202	X	-3.188	-3.188	0	%100
92	M202	Z	5.521	5.521	0	%100
93	M51	X	-3.188	-3.188	0	%100
94	M51	Z	5.521	5.521	0	%100
95	M52	X	-3.188	-3.188	0	%100
96	M52	Z	5.521	5.521	0	%100
97	M53	X	-3.714	-3.714	0	%100
98	M53	Z	6.433	6.433	0	%100
99	M54	X	-1.554	-1.554	0	%100
100	M54	Z	2.691	2.691	0	%100
101	M55	X	-1.554	-1.554	0	%100
102	M55	Z	2.691	2.691	0	%100
103	M56	X	-1.696	-1.696	0	%100
104	M56	Z	2.937	2.937	0	%100
105	M57	X	-1.696	-1.696	0	%100
106	M57	Z	2.937	2.937	0	%100
107	M58	X	-4.952	-4.952	0	%100
108	M58	Z	8.577	8.577	0	%100
109	M61	X	-.141	-.141	0	%100
110	M61	Z	.244	.244	0	%100
111	M62	X	-.141	-.141	0	%100
112	M62	Z	.244	.244	0	%100
113	M67	X	-.141	-.141	0	%100
114	M67	Z	.244	.244	0	%100
115	M68	X	-.141	-.141	0	%100
116	M68	Z	.244	.244	0	%100
117	M73	X	-.141	-.141	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
118	M73	Z	.244	.244	0	%100
119	M74	X	-.141	-.141	0	%100
120	M74	Z	.244	.244	0	%100
121	M79	X	-.141	-.141	0	%100
122	M79	Z	.244	.244	0	%100
123	M80	X	-.141	-.141	0	%100
124	M80	Z	.244	.244	0	%100
125	M85	X	-.141	-.141	0	%100
126	M85	Z	.244	.244	0	%100
127	M86	X	-.141	-.141	0	%100
128	M86	Z	.244	.244	0	%100
129	M91	X	-.141	-.141	0	%100
130	M91	Z	.244	.244	0	%100
131	M92	X	-.141	-.141	0	%100
132	M92	Z	.244	.244	0	%100
133	M97	X	-.141	-.141	0	%100
134	M97	Z	.244	.244	0	%100
135	M98	X	-.141	-.141	0	%100
136	M98	Z	.244	.244	0	%100
137	M103	X	-.141	-.141	0	%100
138	M103	Z	.244	.244	0	%100
139	M104	X	-.141	-.141	0	%100
140	M104	Z	.244	.244	0	%100
141	M109	X	-.141	-.141	0	%100
142	M109	Z	.244	.244	0	%100
143	M110	X	-.141	-.141	0	%100
144	M110	Z	.244	.244	0	%100
145	M115	X	-.141	-.141	0	%100
146	M115	Z	.244	.244	0	%100
147	M116	X	-.141	-.141	0	%100
148	M116	Z	.244	.244	0	%100
149	M121	X	-.141	-.141	0	%100
150	M121	Z	.244	.244	0	%100
151	M122	X	-.141	-.141	0	%100
152	M122	Z	.244	.244	0	%100
153	M127	X	-.141	-.141	0	%100
154	M127	Z	.244	.244	0	%100
155	M128	X	-.141	-.141	0	%100
156	M128	Z	.244	.244	0	%100
157	M133	X	-.564	-.564	0	%100
158	M133	Z	.977	.977	0	%100
159	M134	X	-.564	-.564	0	%100
160	M134	Z	.977	.977	0	%100
161	M139	X	-.564	-.564	0	%100
162	M139	Z	.977	.977	0	%100
163	M140	X	-.564	-.564	0	%100
164	M140	Z	.977	.977	0	%100
165	M145	X	-.564	-.564	0	%100
166	M145	Z	.977	.977	0	%100
167	M146	X	-.564	-.564	0	%100
168	M146	Z	.977	.977	0	%100
169	M151	X	-.564	-.564	0	%100
170	M151	Z	.977	.977	0	%100
171	M152	X	-.564	-.564	0	%100
172	M152	Z	.977	.977	0	%100
173	M157	X	-.564	-.564	0	%100
174	M157	Z	.977	.977	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft,F...	Start Location[ft. %]	End Location[ft. %]
175	M158	X	-.564	-.564	0	%100
176	M158	Z	.977	.977	0	%100
177	M163	X	-.564	-.564	0	%100
178	M163	Z	.977	.977	0	%100
179	M164	X	-.564	-.564	0	%100
180	M164	Z	.977	.977	0	%100
181	MP2A	X	-3.528	-3.528	0	%100
182	MP2A	Z	6.111	6.111	0	%100
183	MP1A	X	-3.528	-3.528	0	%100
184	MP1A	Z	6.111	6.111	0	%100
185	MP4A	X	-3.528	-3.528	0	%100
186	MP4A	Z	6.111	6.111	0	%100
187	MP2C	X	-3.528	-3.528	0	%100
188	MP2C	Z	6.111	6.111	0	%100
189	MP1C	X	-3.528	-3.528	0	%100
190	MP1C	Z	6.111	6.111	0	%100
191	MP4C	X	-3.528	-3.528	0	%100
192	MP4C	Z	6.111	6.111	0	%100
193	MP2B	X	-3.528	-3.528	0	%100
194	MP2B	Z	6.111	6.111	0	%100
195	MP1B	X	-3.528	-3.528	0	%100
196	MP1B	Z	6.111	6.111	0	%100
197	MP4B	X	-3.528	-3.528	0	%100
198	MP4B	Z	6.111	6.111	0	%100
199	MP3A	X	-3.528	-3.528	0	%100
200	MP3A	Z	6.111	6.111	0	%100
201	MP3C	X	-3.528	-3.528	0	%100
202	MP3C	Z	6.111	6.111	0	%100
203	MP3B	X	-3.528	-3.528	0	%100
204	MP3B	Z	6.111	6.111	0	%100
205	M185A	X	-1.114	-1.114	0	%100
206	M185A	Z	1.93	1.93	0	%100
207	M186	X	-1.114	-1.114	0	%100
208	M186	Z	1.93	1.93	0	%100
209	M187	X	-3.342	-3.342	0	%100
210	M187	Z	5.789	5.789	0	%100
211	M188	X	-3.342	-3.342	0	%100
212	M188	Z	5.789	5.789	0	%100
213	M188A	X	-3.215	-3.215	0	%100
214	M188A	Z	5.569	5.569	0	%100
215	M189	X	-1.114	-1.114	0	%100
216	M189	Z	1.93	1.93	0	%100
217	M190	X	-1.114	-1.114	0	%100
218	M190	Z	1.93	1.93	0	%100
219	M197	X	-3.203	-3.203	0	%100
220	M197	Z	5.548	5.548	0	%100
221	M196	X	-3.203	-3.203	0	%100
222	M196	Z	5.548	5.548	0	%100
223	M201A	X	0	0	0	%100
224	M201A	Z	0	0	0	%100
225	M212	X	-3.8	-3.8	0	%100
226	M212	Z	6.582	6.582	0	%100
227	M213	X	-3.8	-3.8	0	%100
228	M213	Z	6.582	6.582	0	%100
229	M214	X	-3.8	-3.8	0	%100
230	M214	Z	6.582	6.582	0	%100
231	M215	X	-3.8	-3.8	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft,F...]	Start Location[ft, %]	End Location[ft, %]
232	M215	Z	6.582	6.582	0	%100
233	M216	X	-5.211	-5.211	0	%100
234	M216	Z	9.026	9.026	0	%100
235	M217	X	-5.211	-5.211	0	%100
236	M217	Z	9.026	9.026	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft,F...]	Start Location[ft, %]	End Location[ft, %]
1	M1	X	-7.96	-7.96	0	%100
2	M1	Z	4.596	4.596	0	%100
3	M3	X	-.322	-.322	0	%100
4	M3	Z	.186	.186	0	%100
5	M4	X	0	0	0	%100
6	M4	Z	0	0	0	%100
7	M6	X	-1.287	-1.287	0	%100
8	M6	Z	.743	.743	0	%100
9	M7	X	-7.96	-7.96	0	%100
10	M7	Z	4.596	4.596	0	%100
11	M9	X	-.322	-.322	0	%100
12	M9	Z	.186	.186	0	%100
13	M10	X	-2.144	-2.144	0	%100
14	M10	Z	1.238	1.238	0	%100
15	M11	X	-8.577	-8.577	0	%100
16	M11	Z	4.952	4.952	0	%100
17	M12	X	-2.144	-2.144	0	%100
18	M12	Z	1.238	1.238	0	%100
19	MP5B	X	-6.093	-6.093	0	%100
20	MP5B	Z	3.518	3.518	0	%100
21	MP5A	X	-6.093	-6.093	0	%100
22	MP5A	Z	3.518	3.518	0	%100
23	MP5C	X	-6.093	-6.093	0	%100
24	MP5C	Z	3.518	3.518	0	%100
25	M16	X	-1.93	-1.93	0	%100
26	M16	Z	1.114	1.114	0	%100
27	M18	X	-1.93	-1.93	0	%100
28	M18	Z	1.114	1.114	0	%100
29	M19	X	-7.719	-7.719	0	%100
30	M19	Z	4.457	4.457	0	%100
31	M20	X	-7.719	-7.719	0	%100
32	M20	Z	4.457	4.457	0	%100
33	M21	X	-1.93	-1.93	0	%100
34	M21	Z	1.114	1.114	0	%100
35	M22	X	-1.93	-1.93	0	%100
36	M22	Z	1.114	1.114	0	%100
37	M23	X	-3.216	-3.216	0	%100
38	M23	Z	1.857	1.857	0	%100
39	M24	X	-12.865	-12.865	0	%100
40	M24	Z	7.428	7.428	0	%100
41	M25	X	-3.216	-3.216	0	%100
42	M25	Z	1.857	1.857	0	%100
43	M26	X	-1.93	-1.93	0	%100
44	M26	Z	1.114	1.114	0	%100
45	M27	X	-1.93	-1.93	0	%100
46	M27	Z	1.114	1.114	0	%100
47	M28	X	-7.719	-7.719	0	%100
48	M28	Z	4.457	4.457	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
49	M29	X	-7.719	-7.719	0	%100
50	M29	Z	4.457	4.457	0	%100
51	M30	X	-1.93	-1.93	0	%100
52	M30	Z	1.114	1.114	0	%100
53	M31	X	-1.93	-1.93	0	%100
54	M31	Z	1.114	1.114	0	%100
55	M32	X	-3.216	-3.216	0	%100
56	M32	Z	1.857	1.857	0	%100
57	M33	X	-12.865	-12.865	0	%100
58	M33	Z	7.428	7.428	0	%100
59	M34	X	-3.216	-3.216	0	%100
60	M34	Z	1.857	1.857	0	%100
61	M35	X	-1.93	-1.93	0	%100
62	M35	Z	1.114	1.114	0	%100
63	M36	X	-1.93	-1.93	0	%100
64	M36	Z	1.114	1.114	0	%100
65	M37	X	-7.719	-7.719	0	%100
66	M37	Z	4.457	4.457	0	%100
67	M38	X	-7.719	-7.719	0	%100
68	M38	Z	4.457	4.457	0	%100
69	M39	X	-1.93	-1.93	0	%100
70	M39	Z	1.114	1.114	0	%100
71	M40	X	-1.93	-1.93	0	%100
72	M40	Z	1.114	1.114	0	%100
73	M41	X	-5.521	-5.521	0	%100
74	M41	Z	3.188	3.188	0	%100
75	M201	X	-5.521	-5.521	0	%100
76	M201	Z	3.188	3.188	0	%100
77	M50	X	-5.521	-5.521	0	%100
78	M50	Z	3.188	3.188	0	%100
79	M44	X	-5.521	-5.521	0	%100
80	M44	Z	3.188	3.188	0	%100
81	M45	X	-5.521	-5.521	0	%100
82	M45	Z	3.188	3.188	0	%100
83	M203	X	-5.521	-5.521	0	%100
84	M203	Z	3.188	3.188	0	%100
85	M200	X	-5.521	-5.521	0	%100
86	M200	Z	3.188	3.188	0	%100
87	M48	X	-5.521	-5.521	0	%100
88	M48	Z	3.188	3.188	0	%100
89	M49	X	-5.521	-5.521	0	%100
90	M49	Z	3.188	3.188	0	%100
91	M202	X	-5.521	-5.521	0	%100
92	M202	Z	3.188	3.188	0	%100
93	M51	X	-5.521	-5.521	0	%100
94	M51	Z	3.188	3.188	0	%100
95	M52	X	-5.521	-5.521	0	%100
96	M52	Z	3.188	3.188	0	%100
97	M53	X	-2.144	-2.144	0	%100
98	M53	Z	1.238	1.238	0	%100
99	M54	X	-8.073	-8.073	0	%100
100	M54	Z	4.661	4.661	0	%100
101	M55	X	-8.073	-8.073	0	%100
102	M55	Z	4.661	4.661	0	%100
103	M56	X	-1.057	-1.057	0	%100
104	M56	Z	.61	.61	0	%100
105	M57	X	-6.697	-6.697	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft,F....]	Start Location[ft. %]	End Location[ft. %]
106	M57	Z	3.866	3.866	0	%100
107	M58	X	-6.697	-6.697	0	%100
108	M58	Z	3.866	3.866	0	%100
109	M61	X	-.733	-.733	0	%100
110	M61	Z	.423	.423	0	%100
111	M62	X	-.733	-.733	0	%100
112	M62	Z	.423	.423	0	%100
113	M67	X	-.733	-.733	0	%100
114	M67	Z	.423	.423	0	%100
115	M68	X	-.733	-.733	0	%100
116	M68	Z	.423	.423	0	%100
117	M73	X	-.733	-.733	0	%100
118	M73	Z	.423	.423	0	%100
119	M74	X	-.733	-.733	0	%100
120	M74	Z	.423	.423	0	%100
121	M79	X	-.733	-.733	0	%100
122	M79	Z	.423	.423	0	%100
123	M80	X	-.733	-.733	0	%100
124	M80	Z	.423	.423	0	%100
125	M85	X	-.733	-.733	0	%100
126	M85	Z	.423	.423	0	%100
127	M86	X	-.733	-.733	0	%100
128	M86	Z	.423	.423	0	%100
129	M91	X	-.733	-.733	0	%100
130	M91	Z	.423	.423	0	%100
131	M92	X	-.733	-.733	0	%100
132	M92	Z	.423	.423	0	%100
133	M97	X	0	0	0	%100
134	M97	Z	0	0	0	%100
135	M98	X	0	0	0	%100
136	M98	Z	0	0	0	%100
137	M103	X	0	0	0	%100
138	M103	Z	0	0	0	%100
139	M104	X	0	0	0	%100
140	M104	Z	0	0	0	%100
141	M109	X	0	0	0	%100
142	M109	Z	0	0	0	%100
143	M110	X	0	0	0	%100
144	M110	Z	0	0	0	%100
145	M115	X	0	0	0	%100
146	M115	Z	0	0	0	%100
147	M116	X	0	0	0	%100
148	M116	Z	0	0	0	%100
149	M121	X	0	0	0	%100
150	M121	Z	0	0	0	%100
151	M122	X	0	0	0	%100
152	M122	Z	0	0	0	%100
153	M127	X	0	0	0	%100
154	M127	Z	0	0	0	%100
155	M128	X	0	0	0	%100
156	M128	Z	0	0	0	%100
157	M133	X	-.733	-.733	0	%100
158	M133	Z	.423	.423	0	%100
159	M134	X	-.733	-.733	0	%100
160	M134	Z	.423	.423	0	%100
161	M139	X	-.733	-.733	0	%100
162	M139	Z	.423	.423	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,....	End Magnitude[lb/ft,F...	Start Location[ft,.%]	End Location[ft,.%]
163	M140	X	-.733	-.733	0	%100
164	M140	Z	.423	.423	0	%100
165	M145	X	-.733	-.733	0	%100
166	M145	Z	.423	.423	0	%100
167	M146	X	-.733	-.733	0	%100
168	M146	Z	.423	.423	0	%100
169	M151	X	-.733	-.733	0	%100
170	M151	Z	.423	.423	0	%100
171	M152	X	-.733	-.733	0	%100
172	M152	Z	.423	.423	0	%100
173	M157	X	-.733	-.733	0	%100
174	M157	Z	.423	.423	0	%100
175	M158	X	-.733	-.733	0	%100
176	M158	Z	.423	.423	0	%100
177	M163	X	-.733	-.733	0	%100
178	M163	Z	.423	.423	0	%100
179	M164	X	-.733	-.733	0	%100
180	M164	Z	.423	.423	0	%100
181	MP2A	X	-6.111	-6.111	0	%100
182	MP2A	Z	3.528	3.528	0	%100
183	MP1A	X	-6.111	-6.111	0	%100
184	MP1A	Z	3.528	3.528	0	%100
185	MP4A	X	-6.111	-6.111	0	%100
186	MP4A	Z	3.528	3.528	0	%100
187	MP2C	X	-6.111	-6.111	0	%100
188	MP2C	Z	3.528	3.528	0	%100
189	MP1C	X	-6.111	-6.111	0	%100
190	MP1C	Z	3.528	3.528	0	%100
191	MP4C	X	-6.111	-6.111	0	%100
192	MP4C	Z	3.528	3.528	0	%100
193	MP2B	X	-6.111	-6.111	0	%100
194	MP2B	Z	3.528	3.528	0	%100
195	MP1B	X	-6.111	-6.111	0	%100
196	MP1B	Z	3.528	3.528	0	%100
197	MP4B	X	-6.111	-6.111	0	%100
198	MP4B	Z	3.528	3.528	0	%100
199	MP3A	X	-6.111	-6.111	0	%100
200	MP3A	Z	3.528	3.528	0	%100
201	MP3C	X	-6.111	-6.111	0	%100
202	MP3C	Z	3.528	3.528	0	%100
203	MP3B	X	-6.111	-6.111	0	%100
204	MP3B	Z	3.528	3.528	0	%100
205	M185A	X	-5.789	-5.789	0	%100
206	M185A	Z	3.342	3.342	0	%100
207	M186	X	-5.789	-5.789	0	%100
208	M186	Z	3.342	3.342	0	%100
209	M187	X	-1.93	-1.93	0	%100
210	M187	Z	1.114	1.114	0	%100
211	M188	X	-1.93	-1.93	0	%100
212	M188	Z	1.114	1.114	0	%100
213	M188A	X	-5.569	-5.569	0	%100
214	M188A	Z	3.215	3.215	0	%100
215	M189	X	-5.789	-5.789	0	%100
216	M189	Z	3.342	3.342	0	%100
217	M190	X	-5.789	-5.789	0	%100
218	M190	Z	3.342	3.342	0	%100
219	M197	X	-1.849	-1.849	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
220	M197	Z	1.068	1.068	0	%100
221	M196	X	-7.397	-7.397	0	%100
222	M196	Z	4.271	4.271	0	%100
223	M201A	X	-1.849	-1.849	0	%100
224	M201A	Z	1.068	1.068	0	%100
225	M212	X	-8.211	-8.211	0	%100
226	M212	Z	4.741	4.741	0	%100
227	M213	X	-8.211	-8.211	0	%100
228	M213	Z	4.741	4.741	0	%100
229	M214	X	-5.768	-5.768	0	%100
230	M214	Z	3.33	3.33	0	%100
231	M215	X	-5.768	-5.768	0	%100
232	M215	Z	3.33	3.33	0	%100
233	M216	X	-8.211	-8.211	0	%100
234	M216	Z	4.741	4.741	0	%100
235	M217	X	-8.211	-8.211	0	%100
236	M217	Z	4.741	4.741	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M1	X	-12.256	-12.256	0	%100
2	M1	Z	0	0	0	%100
3	M3	X	0	0	0	%100
4	M3	Z	0	0	0	%100
5	M4	X	-3.064	-3.064	0	%100
6	M4	Z	0	0	0	%100
7	M6	X	-1.114	-1.114	0	%100
8	M6	Z	0	0	0	%100
9	M7	X	-3.064	-3.064	0	%100
10	M7	Z	0	0	0	%100
11	M9	X	-1.114	-1.114	0	%100
12	M9	Z	0	0	0	%100
13	M10	X	0	0	0	%100
14	M10	Z	0	0	0	%100
15	M11	X	-7.428	-7.428	0	%100
16	M11	Z	0	0	0	%100
17	M12	X	-7.428	-7.428	0	%100
18	M12	Z	0	0	0	%100
19	MP5B	X	-7.036	-7.036	0	%100
20	MP5B	Z	0	0	0	%100
21	MP5A	X	-7.036	-7.036	0	%100
22	MP5A	Z	0	0	0	%100
23	MP5C	X	-7.036	-7.036	0	%100
24	MP5C	Z	0	0	0	%100
25	M16	X	0	0	0	%100
26	M16	Z	0	0	0	%100
27	M18	X	0	0	0	%100
28	M18	Z	0	0	0	%100
29	M19	X	-6.685	-6.685	0	%100
30	M19	Z	0	0	0	%100
31	M20	X	-6.685	-6.685	0	%100
32	M20	Z	0	0	0	%100
33	M21	X	-6.685	-6.685	0	%100
34	M21	Z	0	0	0	%100
35	M22	X	-6.685	-6.685	0	%100
36	M22	Z	0	0	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
94	M51	Z	0	0	0	%100
95	M52	X	-6.375	-6.375	0	%100
96	M52	Z	0	0	0	%100
97	M53	X	0	0	0	%100
98	M53	Z	0	0	0	%100
99	M54	X	-12.43	-12.43	0	%100
100	M54	Z	0	0	0	%100
101	M55	X	-12.43	-12.43	0	%100
102	M55	Z	0	0	0	%100
103	M56	X	-3.392	-3.392	0	%100
104	M56	Z	0	0	0	%100
105	M57	X	-9.904	-9.904	0	%100
106	M57	Z	0	0	0	%100
107	M58	X	-3.392	-3.392	0	%100
108	M58	Z	0	0	0	%100
109	M61	X	-1.128	-1.128	0	%100
110	M61	Z	0	0	0	%100
111	M62	X	-1.128	-1.128	0	%100
112	M62	Z	0	0	0	%100
113	M67	X	-1.128	-1.128	0	%100
114	M67	Z	0	0	0	%100
115	M68	X	-1.128	-1.128	0	%100
116	M68	Z	0	0	0	%100
117	M73	X	-1.128	-1.128	0	%100
118	M73	Z	0	0	0	%100
119	M74	X	-1.128	-1.128	0	%100
120	M74	Z	0	0	0	%100
121	M79	X	-1.128	-1.128	0	%100
122	M79	Z	0	0	0	%100
123	M80	X	-1.128	-1.128	0	%100
124	M80	Z	0	0	0	%100
125	M85	X	-1.128	-1.128	0	%100
126	M85	Z	0	0	0	%100
127	M86	X	-1.128	-1.128	0	%100
128	M86	Z	0	0	0	%100
129	M91	X	-1.128	-1.128	0	%100
130	M91	Z	0	0	0	%100
131	M92	X	-1.128	-1.128	0	%100
132	M92	Z	0	0	0	%100
133	M97	X	-.282	-.282	0	%100
134	M97	Z	0	0	0	%100
135	M98	X	-.282	-.282	0	%100
136	M98	Z	0	0	0	%100
137	M103	X	-.282	-.282	0	%100
138	M103	Z	0	0	0	%100
139	M104	X	-.282	-.282	0	%100
140	M104	Z	0	0	0	%100
141	M109	X	-.282	-.282	0	%100
142	M109	Z	0	0	0	%100
143	M110	X	-.282	-.282	0	%100
144	M110	Z	0	0	0	%100
145	M115	X	-.282	-.282	0	%100
146	M115	Z	0	0	0	%100
147	M116	X	-.282	-.282	0	%100
148	M116	Z	0	0	0	%100
149	M121	X	-.282	-.282	0	%100
150	M121	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,....	End Magnitude[lb/ft,F...	Start Location[ft,.%]	End Location[ft,.%]
151	M122	X	-.282	-.282	0	%100
152	M122	Z	0	0	0	%100
153	M127	X	-.282	-.282	0	%100
154	M127	Z	0	0	0	%100
155	M128	X	-.282	-.282	0	%100
156	M128	Z	0	0	0	%100
157	M133	X	-.282	-.282	0	%100
158	M133	Z	0	0	0	%100
159	M134	X	-.282	-.282	0	%100
160	M134	Z	0	0	0	%100
161	M139	X	-.282	-.282	0	%100
162	M139	Z	0	0	0	%100
163	M140	X	-.282	-.282	0	%100
164	M140	Z	0	0	0	%100
165	M145	X	-.282	-.282	0	%100
166	M145	Z	0	0	0	%100
167	M146	X	-.282	-.282	0	%100
168	M146	Z	0	0	0	%100
169	M151	X	-.282	-.282	0	%100
170	M151	Z	0	0	0	%100
171	M152	X	-.282	-.282	0	%100
172	M152	Z	0	0	0	%100
173	M157	X	-.282	-.282	0	%100
174	M157	Z	0	0	0	%100
175	M158	X	-.282	-.282	0	%100
176	M158	Z	0	0	0	%100
177	M163	X	-.282	-.282	0	%100
178	M163	Z	0	0	0	%100
179	M164	X	-.282	-.282	0	%100
180	M164	Z	0	0	0	%100
181	MP2A	X	-7.056	-7.056	0	%100
182	MP2A	Z	0	0	0	%100
183	MP1A	X	-7.056	-7.056	0	%100
184	MP1A	Z	0	0	0	%100
185	MP4A	X	-7.056	-7.056	0	%100
186	MP4A	Z	0	0	0	%100
187	MP2C	X	-7.056	-7.056	0	%100
188	MP2C	Z	0	0	0	%100
189	MP1C	X	-7.056	-7.056	0	%100
190	MP1C	Z	0	0	0	%100
191	MP4C	X	-7.056	-7.056	0	%100
192	MP4C	Z	0	0	0	%100
193	MP2B	X	-7.056	-7.056	0	%100
194	MP2B	Z	0	0	0	%100
195	MP1B	X	-7.056	-7.056	0	%100
196	MP1B	Z	0	0	0	%100
197	MP4B	X	-7.056	-7.056	0	%100
198	MP4B	Z	0	0	0	%100
199	MP3A	X	-7.056	-7.056	0	%100
200	MP3A	Z	0	0	0	%100
201	MP3C	X	-7.056	-7.056	0	%100
202	MP3C	Z	0	0	0	%100
203	MP3B	X	-7.056	-7.056	0	%100
204	MP3B	Z	0	0	0	%100
205	M185A	X	-8.913	-8.913	0	%100
206	M185A	Z	0	0	0	%100
207	M186	X	-8.913	-8.913	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
208	M186	Z	0	0	0	%100
209	M187	X	0	0	0	%100
210	M187	Z	0	0	0	%100
211	M188	X	0	0	0	%100
212	M188	Z	0	0	0	%100
213	M188A	X	-6.43	-6.43	0	%100
214	M188A	Z	0	0	0	%100
215	M189	X	-8.913	-8.913	0	%100
216	M189	Z	0	0	0	%100
217	M190	X	-8.913	-8.913	0	%100
218	M190	Z	0	0	0	%100
219	M197	X	0	0	0	%100
220	M197	Z	0	0	0	%100
221	M196	X	-6.406	-6.406	0	%100
222	M196	Z	0	0	0	%100
223	M201A	X	-6.406	-6.406	0	%100
224	M201A	Z	0	0	0	%100
225	M212	X	-10.422	-10.422	0	%100
226	M212	Z	0	0	0	%100
227	M213	X	-10.422	-10.422	0	%100
228	M213	Z	0	0	0	%100
229	M214	X	-7.601	-7.601	0	%100
230	M214	Z	0	0	0	%100
231	M215	X	-7.601	-7.601	0	%100
232	M215	Z	0	0	0	%100
233	M216	X	-7.601	-7.601	0	%100
234	M216	Z	0	0	0	%100
235	M217	X	-7.601	-7.601	0	%100
236	M217	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M1	X	-7.96	-7.96	0	%100
2	M1	Z	-4.596	-4.596	0	%100
3	M3	X	-.322	-.322	0	%100
4	M3	Z	-.186	-.186	0	%100
5	M4	X	-7.96	-7.96	0	%100
6	M4	Z	-4.596	-4.596	0	%100
7	M6	X	-.322	-.322	0	%100
8	M6	Z	-.186	-.186	0	%100
9	M7	X	0	0	0	%100
10	M7	Z	0	0	0	%100
11	M9	X	-1.287	-1.287	0	%100
12	M9	Z	-.743	-.743	0	%100
13	M10	X	-2.144	-2.144	0	%100
14	M10	Z	-1.238	-1.238	0	%100
15	M11	X	-2.144	-2.144	0	%100
16	M11	Z	-1.238	-1.238	0	%100
17	M12	X	-8.577	-8.577	0	%100
18	M12	Z	-4.952	-4.952	0	%100
19	MP5B	X	-6.093	-6.093	0	%100
20	MP5B	Z	-3.518	-3.518	0	%100
21	MP5A	X	-6.093	-6.093	0	%100
22	MP5A	Z	-3.518	-3.518	0	%100
23	MP5C	X	-6.093	-6.093	0	%100
24	MP5C	Z	-3.518	-3.518	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
25	M16	X	-1.93	-1.93	0	%100
26	M16	Z	-1.114	-1.114	0	%100
27	M18	X	-1.93	-1.93	0	%100
28	M18	Z	-1.114	-1.114	0	%100
29	M19	X	-1.93	-1.93	0	%100
30	M19	Z	-1.114	-1.114	0	%100
31	M20	X	-1.93	-1.93	0	%100
32	M20	Z	-1.114	-1.114	0	%100
33	M21	X	-7.719	-7.719	0	%100
34	M21	Z	-4.457	-4.457	0	%100
35	M22	X	-7.719	-7.719	0	%100
36	M22	Z	-4.457	-4.457	0	%100
37	M23	X	-3.216	-3.216	0	%100
38	M23	Z	-1.857	-1.857	0	%100
39	M24	X	-3.216	-3.216	0	%100
40	M24	Z	-1.857	-1.857	0	%100
41	M25	X	-12.865	-12.865	0	%100
42	M25	Z	-7.428	-7.428	0	%100
43	M26	X	-1.93	-1.93	0	%100
44	M26	Z	-1.114	-1.114	0	%100
45	M27	X	-1.93	-1.93	0	%100
46	M27	Z	-1.114	-1.114	0	%100
47	M28	X	-1.93	-1.93	0	%100
48	M28	Z	-1.114	-1.114	0	%100
49	M29	X	-1.93	-1.93	0	%100
50	M29	Z	-1.114	-1.114	0	%100
51	M30	X	-7.719	-7.719	0	%100
52	M30	Z	-4.457	-4.457	0	%100
53	M31	X	-7.719	-7.719	0	%100
54	M31	Z	-4.457	-4.457	0	%100
55	M32	X	-3.216	-3.216	0	%100
56	M32	Z	-1.857	-1.857	0	%100
57	M33	X	-3.216	-3.216	0	%100
58	M33	Z	-1.857	-1.857	0	%100
59	M34	X	-12.865	-12.865	0	%100
60	M34	Z	-7.428	-7.428	0	%100
61	M35	X	-1.93	-1.93	0	%100
62	M35	Z	-1.114	-1.114	0	%100
63	M36	X	-1.93	-1.93	0	%100
64	M36	Z	-1.114	-1.114	0	%100
65	M37	X	-1.93	-1.93	0	%100
66	M37	Z	-1.114	-1.114	0	%100
67	M38	X	-1.93	-1.93	0	%100
68	M38	Z	-1.114	-1.114	0	%100
69	M39	X	-7.719	-7.719	0	%100
70	M39	Z	-4.457	-4.457	0	%100
71	M40	X	-7.719	-7.719	0	%100
72	M40	Z	-4.457	-4.457	0	%100
73	M41	X	-5.521	-5.521	0	%100
74	M41	Z	-3.188	-3.188	0	%100
75	M201	X	-5.521	-5.521	0	%100
76	M201	Z	-3.188	-3.188	0	%100
77	M50	X	-5.521	-5.521	0	%100
78	M50	Z	-3.188	-3.188	0	%100
79	M44	X	-5.521	-5.521	0	%100
80	M44	Z	-3.188	-3.188	0	%100
81	M45	X	-5.521	-5.521	0	%100

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

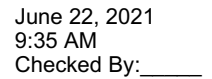
	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft,F....]	Start Location[ft.%]	End Location[ft.%]
82	M45	Z	-3.188	-3.188	0	%100
83	M203	X	-5.521	-5.521	0	%100
84	M203	Z	-3.188	-3.188	0	%100
85	M200	X	-5.521	-5.521	0	%100
86	M200	Z	-3.188	-3.188	0	%100
87	M48	X	-5.521	-5.521	0	%100
88	M48	Z	-3.188	-3.188	0	%100
89	M49	X	-5.521	-5.521	0	%100
90	M49	Z	-3.188	-3.188	0	%100
91	M202	X	-5.521	-5.521	0	%100
92	M202	Z	-3.188	-3.188	0	%100
93	M51	X	-5.521	-5.521	0	%100
94	M51	Z	-3.188	-3.188	0	%100
95	M52	X	-5.521	-5.521	0	%100
96	M52	Z	-3.188	-3.188	0	%100
97	M53	X	-2.144	-2.144	0	%100
98	M53	Z	-1.238	-1.238	0	%100
99	M54	X	-8.073	-8.073	0	%100
100	M54	Z	-4.661	-4.661	0	%100
101	M55	X	-8.073	-8.073	0	%100
102	M55	Z	-4.661	-4.661	0	%100
103	M56	X	-6.697	-6.697	0	%100
104	M56	Z	-3.866	-3.866	0	%100
105	M57	X	-6.697	-6.697	0	%100
106	M57	Z	-3.866	-3.866	0	%100
107	M58	X	-1.057	-1.057	0	%100
108	M58	Z	-.61	-.61	0	%100
109	M61	X	-.733	-.733	0	%100
110	M61	Z	-.423	-.423	0	%100
111	M62	X	-.733	-.733	0	%100
112	M62	Z	-.423	-.423	0	%100
113	M67	X	-.733	-.733	0	%100
114	M67	Z	-.423	-.423	0	%100
115	M68	X	-.733	-.733	0	%100
116	M68	Z	-.423	-.423	0	%100
117	M73	X	-.733	-.733	0	%100
118	M73	Z	-.423	-.423	0	%100
119	M74	X	-.733	-.733	0	%100
120	M74	Z	-.423	-.423	0	%100
121	M79	X	-.733	-.733	0	%100
122	M79	Z	-.423	-.423	0	%100
123	M80	X	-.733	-.733	0	%100
124	M80	Z	-.423	-.423	0	%100
125	M85	X	-.733	-.733	0	%100
126	M85	Z	-.423	-.423	0	%100
127	M86	X	-.733	-.733	0	%100
128	M86	Z	-.423	-.423	0	%100
129	M91	X	-.733	-.733	0	%100
130	M91	Z	-.423	-.423	0	%100
131	M92	X	-.733	-.733	0	%100
132	M92	Z	-.423	-.423	0	%100
133	M97	X	-.733	-.733	0	%100
134	M97	Z	-.423	-.423	0	%100
135	M98	X	-.733	-.733	0	%100
136	M98	Z	-.423	-.423	0	%100
137	M103	X	-.733	-.733	0	%100
138	M103	Z	-.423	-.423	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft.%,]	End Location[ft.%,]
139	M104	X	-7.733	-7.733	0	%100
140	M104	Z	-4.423	-4.423	0	%100
141	M109	X	-7.733	-7.733	0	%100
142	M109	Z	-4.423	-4.423	0	%100
143	M110	X	-7.733	-7.733	0	%100
144	M110	Z	-4.423	-4.423	0	%100
145	M115	X	-7.733	-7.733	0	%100
146	M115	Z	-4.423	-4.423	0	%100
147	M116	X	-7.733	-7.733	0	%100
148	M116	Z	-4.423	-4.423	0	%100
149	M121	X	-7.733	-7.733	0	%100
150	M121	Z	-4.423	-4.423	0	%100
151	M122	X	-7.733	-7.733	0	%100
152	M122	Z	-4.423	-4.423	0	%100
153	M127	X	-7.733	-7.733	0	%100
154	M127	Z	-4.423	-4.423	0	%100
155	M128	X	-7.733	-7.733	0	%100
156	M128	Z	-4.423	-4.423	0	%100
157	M133	X	0	0	0	%100
158	M133	Z	0	0	0	%100
159	M134	X	0	0	0	%100
160	M134	Z	0	0	0	%100
161	M139	X	0	0	0	%100
162	M139	Z	0	0	0	%100
163	M140	X	0	0	0	%100
164	M140	Z	0	0	0	%100
165	M145	X	0	0	0	%100
166	M145	Z	0	0	0	%100
167	M146	X	0	0	0	%100
168	M146	Z	0	0	0	%100
169	M151	X	0	0	0	%100
170	M151	Z	0	0	0	%100
171	M152	X	0	0	0	%100
172	M152	Z	0	0	0	%100
173	M157	X	0	0	0	%100
174	M157	Z	0	0	0	%100
175	M158	X	0	0	0	%100
176	M158	Z	0	0	0	%100
177	M163	X	0	0	0	%100
178	M163	Z	0	0	0	%100
179	M164	X	0	0	0	%100
180	M164	Z	0	0	0	%100
181	MP2A	X	-6.111	-6.111	0	%100
182	MP2A	Z	-3.528	-3.528	0	%100
183	MP1A	X	-6.111	-6.111	0	%100
184	MP1A	Z	-3.528	-3.528	0	%100
185	MP4A	X	-6.111	-6.111	0	%100
186	MP4A	Z	-3.528	-3.528	0	%100
187	MP2C	X	-6.111	-6.111	0	%100
188	MP2C	Z	-3.528	-3.528	0	%100
189	MP1C	X	-6.111	-6.111	0	%100
190	MP1C	Z	-3.528	-3.528	0	%100
191	MP4C	X	-6.111	-6.111	0	%100
192	MP4C	Z	-3.528	-3.528	0	%100
193	MP2B	X	-6.111	-6.111	0	%100
194	MP2B	Z	-3.528	-3.528	0	%100
195	MP1B	X	-6.111	-6.111	0	%100





RISA-3D Version 17.0.4    [\\...\\...\\...\\...\\...\\...\\Option 2 - 468697-VZW MT LO H.r3d]    Page 144

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft,F...	Start Location[ft.%,]	End Location[ft.%,]
13	M10	X	-3.714	-3.714	0	%100
14	M10	Z	-6.433	-6.433	0	%100
15	M11	X	0	0	0	%100
16	M11	Z	0	0	0	%100
17	M12	X	-3.714	-3.714	0	%100
18	M12	Z	-6.433	-6.433	0	%100
19	MP5B	X	-3.518	-3.518	0	%100
20	MP5B	Z	-6.093	-6.093	0	%100
21	MP5A	X	-3.518	-3.518	0	%100
22	MP5A	Z	-6.093	-6.093	0	%100
23	MP5C	X	-3.518	-3.518	0	%100
24	MP5C	Z	-6.093	-6.093	0	%100
25	M16	X	-3.342	-3.342	0	%100
26	M16	Z	-5.789	-5.789	0	%100
27	M18	X	-3.342	-3.342	0	%100
28	M18	Z	-5.789	-5.789	0	%100
29	M19	X	0	0	0	%100
30	M19	Z	0	0	0	%100
31	M20	X	0	0	0	%100
32	M20	Z	0	0	0	%100
33	M21	X	-3.342	-3.342	0	%100
34	M21	Z	-5.789	-5.789	0	%100
35	M22	X	-3.342	-3.342	0	%100
36	M22	Z	-5.789	-5.789	0	%100
37	M23	X	-5.571	-5.571	0	%100
38	M23	Z	-9.649	-9.649	0	%100
39	M24	X	0	0	0	%100
40	M24	Z	0	0	0	%100
41	M25	X	-5.571	-5.571	0	%100
42	M25	Z	-9.649	-9.649	0	%100
43	M26	X	-3.342	-3.342	0	%100
44	M26	Z	-5.789	-5.789	0	%100
45	M27	X	-3.342	-3.342	0	%100
46	M27	Z	-5.789	-5.789	0	%100
47	M28	X	0	0	0	%100
48	M28	Z	0	0	0	%100
49	M29	X	0	0	0	%100
50	M29	Z	0	0	0	%100
51	M30	X	-3.342	-3.342	0	%100
52	M30	Z	-5.789	-5.789	0	%100
53	M31	X	-3.342	-3.342	0	%100
54	M31	Z	-5.789	-5.789	0	%100
55	M32	X	-5.571	-5.571	0	%100
56	M32	Z	-9.649	-9.649	0	%100
57	M33	X	0	0	0	%100
58	M33	Z	0	0	0	%100
59	M34	X	-5.571	-5.571	0	%100
60	M34	Z	-9.649	-9.649	0	%100
61	M35	X	-3.342	-3.342	0	%100
62	M35	Z	-5.789	-5.789	0	%100
63	M36	X	-3.342	-3.342	0	%100
64	M36	Z	-5.789	-5.789	0	%100
65	M37	X	0	0	0	%100
66	M37	Z	0	0	0	%100
67	M38	X	0	0	0	%100
68	M38	Z	0	0	0	%100
69	M39	X	-3.342	-3.342	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
127	M86	X	-.141	-.141	0	%100
128	M86	Z	-.244	-.244	0	%100
129	M91	X	-.141	-.141	0	%100
130	M91	Z	-.244	-.244	0	%100
131	M92	X	-.141	-.141	0	%100
132	M92	Z	-.244	-.244	0	%100
133	M97	X	-.564	-.564	0	%100
134	M97	Z	-.977	-.977	0	%100
135	M98	X	-.564	-.564	0	%100
136	M98	Z	-.977	-.977	0	%100
137	M103	X	-.564	-.564	0	%100
138	M103	Z	-.977	-.977	0	%100
139	M104	X	-.564	-.564	0	%100
140	M104	Z	-.977	-.977	0	%100
141	M109	X	-.564	-.564	0	%100
142	M109	Z	-.977	-.977	0	%100
143	M110	X	-.564	-.564	0	%100
144	M110	Z	-.977	-.977	0	%100
145	M115	X	-.564	-.564	0	%100
146	M115	Z	-.977	-.977	0	%100
147	M116	X	-.564	-.564	0	%100
148	M116	Z	-.977	-.977	0	%100
149	M121	X	-.564	-.564	0	%100
150	M121	Z	-.977	-.977	0	%100
151	M122	X	-.564	-.564	0	%100
152	M122	Z	-.977	-.977	0	%100
153	M127	X	-.564	-.564	0	%100
154	M127	Z	-.977	-.977	0	%100
155	M128	X	-.564	-.564	0	%100
156	M128	Z	-.977	-.977	0	%100
157	M133	X	-.141	-.141	0	%100
158	M133	Z	-.244	-.244	0	%100
159	M134	X	-.141	-.141	0	%100
160	M134	Z	-.244	-.244	0	%100
161	M139	X	-.141	-.141	0	%100
162	M139	Z	-.244	-.244	0	%100
163	M140	X	-.141	-.141	0	%100
164	M140	Z	-.244	-.244	0	%100
165	M145	X	-.141	-.141	0	%100
166	M145	Z	-.244	-.244	0	%100
167	M146	X	-.141	-.141	0	%100
168	M146	Z	-.244	-.244	0	%100
169	M151	X	-.141	-.141	0	%100
170	M151	Z	-.244	-.244	0	%100
171	M152	X	-.141	-.141	0	%100
172	M152	Z	-.244	-.244	0	%100
173	M157	X	-.141	-.141	0	%100
174	M157	Z	-.244	-.244	0	%100
175	M158	X	-.141	-.141	0	%100
176	M158	Z	-.244	-.244	0	%100
177	M163	X	-.141	-.141	0	%100
178	M163	Z	-.244	-.244	0	%100
179	M164	X	-.141	-.141	0	%100
180	M164	Z	-.244	-.244	0	%100
181	MP2A	X	-3.528	-3.528	0	%100
182	MP2A	Z	-6.111	-6.111	0	%100
183	MP1A	X	-3.528	-3.528	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
184	MP1A	Z	-6.111	-6.111	0	%100
185	MP4A	X	-3.528	-3.528	0	%100
186	MP4A	Z	-6.111	-6.111	0	%100
187	MP2C	X	-3.528	-3.528	0	%100
188	MP2C	Z	-6.111	-6.111	0	%100
189	MP1C	X	-3.528	-3.528	0	%100
190	MP1C	Z	-6.111	-6.111	0	%100
191	MP4C	X	-3.528	-3.528	0	%100
192	MP4C	Z	-6.111	-6.111	0	%100
193	MP2B	X	-3.528	-3.528	0	%100
194	MP2B	Z	-6.111	-6.111	0	%100
195	MP1B	X	-3.528	-3.528	0	%100
196	MP1B	Z	-6.111	-6.111	0	%100
197	MP4B	X	-3.528	-3.528	0	%100
198	MP4B	Z	-6.111	-6.111	0	%100
199	MP3A	X	-3.528	-3.528	0	%100
200	MP3A	Z	-6.111	-6.111	0	%100
201	MP3C	X	-3.528	-3.528	0	%100
202	MP3C	Z	-6.111	-6.111	0	%100
203	MP3B	X	-3.528	-3.528	0	%100
204	MP3B	Z	-6.111	-6.111	0	%100
205	M185A	X	-1.114	-1.114	0	%100
206	M185A	Z	-1.93	-1.93	0	%100
207	M186	X	-1.114	-1.114	0	%100
208	M186	Z	-1.93	-1.93	0	%100
209	M187	X	-3.342	-3.342	0	%100
210	M187	Z	-5.789	-5.789	0	%100
211	M188	X	-3.342	-3.342	0	%100
212	M188	Z	-5.789	-5.789	0	%100
213	M188A	X	-3.215	-3.215	0	%100
214	M188A	Z	-5.569	-5.569	0	%100
215	M189	X	-1.114	-1.114	0	%100
216	M189	Z	-1.93	-1.93	0	%100
217	M190	X	-1.114	-1.114	0	%100
218	M190	Z	-1.93	-1.93	0	%100
219	M197	X	-3.203	-3.203	0	%100
220	M197	Z	-5.548	-5.548	0	%100
221	M196	X	0	0	0	%100
222	M196	Z	0	0	0	%100
223	M201A	X	-3.203	-3.203	0	%100
224	M201A	Z	-5.548	-5.548	0	%100
225	M212	X	-3.8	-3.8	0	%100
226	M212	Z	-6.582	-6.582	0	%100
227	M213	X	-3.8	-3.8	0	%100
228	M213	Z	-6.582	-6.582	0	%100
229	M214	X	-5.211	-5.211	0	%100
230	M214	Z	-9.026	-9.026	0	%100
231	M215	X	-5.211	-5.211	0	%100
232	M215	Z	-9.026	-9.026	0	%100
233	M216	X	-3.8	-3.8	0	%100
234	M216	Z	-6.582	-6.582	0	%100
235	M217	X	-3.8	-3.8	0	%100
236	M217	Z	-6.582	-6.582	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
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### Member Distributed Loads (BLC 53 : Structure Wi (0 Deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft,F...]	Start Location[ft.%]	End Location[ft.%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M3	X	0	0	0	%100
4	M3	Z	-1.116	-1.116	0	%100
5	M4	X	0	0	0	%100
6	M4	Z	-2.7	-2.7	0	%100
7	M6	X	0	0	0	%100
8	M6	Z	-0.279	-0.279	0	%100
9	M7	X	0	0	0	%100
10	M7	Z	-2.7	-2.7	0	%100
11	M9	X	0	0	0	%100
12	M9	Z	-0.279	-0.279	0	%100
13	M10	X	0	0	0	%100
14	M10	Z	-3.156	-3.156	0	%100
15	M11	X	0	0	0	%100
16	M11	Z	-0.789	-0.789	0	%100
17	M12	X	0	0	0	%100
18	M12	Z	-0.789	-0.789	0	%100
19	MP5B	X	0	0	0	%100
20	MP5B	Z	-2.614	-2.614	0	%100
21	MP5A	X	0	0	0	%100
22	MP5A	Z	-2.614	-2.614	0	%100
23	MP5C	X	0	0	0	%100
24	MP5C	Z	-2.614	-2.614	0	%100
25	M16	X	0	0	0	%100
26	M16	Z	-2.444	-2.444	0	%100
27	M18	X	0	0	0	%100
28	M18	Z	-2.444	-2.444	0	%100
29	M19	X	0	0	0	%100
30	M19	Z	-0.611	-0.611	0	%100
31	M20	X	0	0	0	%100
32	M20	Z	-0.611	-0.611	0	%100
33	M21	X	0	0	0	%100
34	M21	Z	-0.611	-0.611	0	%100
35	M22	X	0	0	0	%100
36	M22	Z	-0.611	-0.611	0	%100
37	M23	X	0	0	0	%100
38	M23	Z	-4.092	-4.092	0	%100
39	M24	X	0	0	0	%100
40	M24	Z	-1.023	-1.023	0	%100
41	M25	X	0	0	0	%100
42	M25	Z	-1.023	-1.023	0	%100
43	M26	X	0	0	0	%100
44	M26	Z	-2.444	-2.444	0	%100
45	M27	X	0	0	0	%100
46	M27	Z	-2.444	-2.444	0	%100
47	M28	X	0	0	0	%100
48	M28	Z	-0.611	-0.611	0	%100
49	M29	X	0	0	0	%100
50	M29	Z	-0.611	-0.611	0	%100
51	M30	X	0	0	0	%100
52	M30	Z	-0.611	-0.611	0	%100
53	M31	X	0	0	0	%100
54	M31	Z	-0.611	-0.611	0	%100
55	M32	X	0	0	0	%100
56	M32	Z	-4.092	-4.092	0	%100
57	M33	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft,F....]	Start Location[ft.%]	End Location[ft.%]
58	M33	Z	-1.023	-1.023	0	%100
59	M34	X	0	0	0	%100
60	M34	Z	-1.023	-1.023	0	%100
61	M35	X	0	0	0	%100
62	M35	Z	-2.444	-2.444	0	%100
63	M36	X	0	0	0	%100
64	M36	Z	-2.444	-2.444	0	%100
65	M37	X	0	0	0	%100
66	M37	Z	-.611	-.611	0	%100
67	M38	X	0	0	0	%100
68	M38	Z	-.611	-.611	0	%100
69	M39	X	0	0	0	%100
70	M39	Z	-.611	-.611	0	%100
71	M40	X	0	0	0	%100
72	M40	Z	-.611	-.611	0	%100
73	M41	X	0	0	0	%100
74	M41	Z	-2.383	-2.383	0	%100
75	M201	X	0	0	0	%100
76	M201	Z	-2.383	-2.383	0	%100
77	M50	X	0	0	0	%100
78	M50	Z	-2.383	-2.383	0	%100
79	M44	X	0	0	0	%100
80	M44	Z	-2.383	-2.383	0	%100
81	M45	X	0	0	0	%100
82	M45	Z	-2.383	-2.383	0	%100
83	M203	X	0	0	0	%100
84	M203	Z	-2.383	-2.383	0	%100
85	M200	X	0	0	0	%100
86	M200	Z	-2.383	-2.383	0	%100
87	M48	X	0	0	0	%100
88	M48	Z	-2.383	-2.383	0	%100
89	M49	X	0	0	0	%100
90	M49	Z	-2.383	-2.383	0	%100
91	M202	X	0	0	0	%100
92	M202	Z	-2.383	-2.383	0	%100
93	M51	X	0	0	0	%100
94	M51	Z	-2.383	-2.383	0	%100
95	M52	X	0	0	0	%100
96	M52	Z	-2.383	-2.383	0	%100
97	M53	X	0	0	0	%100
98	M53	Z	-3.156	-3.156	0	%100
99	M54	X	0	0	0	%100
100	M54	Z	0	0	0	%100
101	M55	X	0	0	0	%100
102	M55	Z	0	0	0	%100
103	M56	X	0	0	0	%100
104	M56	Z	-2.464	-2.464	0	%100
105	M57	X	0	0	0	%100
106	M57	Z	-.389	-.389	0	%100
107	M58	X	0	0	0	%100
108	M58	Z	-2.464	-2.464	0	%100
109	M61	X	0	0	0	%100
110	M61	Z	0	0	0	%100
111	M62	X	0	0	0	%100
112	M62	Z	0	0	0	%100
113	M67	X	0	0	0	%100
114	M67	Z	0	0	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft,F...	Start Location[ft.%,]	End Location[ft.%,]
115	M68	X	0	0	0	%100
116	M68	Z	0	0	0	%100
117	M73	X	0	0	0	%100
118	M73	Z	0	0	0	%100
119	M74	X	0	0	0	%100
120	M74	Z	0	0	0	%100
121	M79	X	0	0	0	%100
122	M79	Z	0	0	0	%100
123	M80	X	0	0	0	%100
124	M80	Z	0	0	0	%100
125	M85	X	0	0	0	%100
126	M85	Z	0	0	0	%100
127	M86	X	0	0	0	%100
128	M86	Z	0	0	0	%100
129	M91	X	0	0	0	%100
130	M91	Z	0	0	0	%100
131	M92	X	0	0	0	%100
132	M92	Z	0	0	0	%100
133	M97	X	0	0	0	%100
134	M97	Z	-.724	-.724	0	%100
135	M98	X	0	0	0	%100
136	M98	Z	-.724	-.724	0	%100
137	M103	X	0	0	0	%100
138	M103	Z	-.724	-.724	0	%100
139	M104	X	0	0	0	%100
140	M104	Z	-.724	-.724	0	%100
141	M109	X	0	0	0	%100
142	M109	Z	-.724	-.724	0	%100
143	M110	X	0	0	0	%100
144	M110	Z	-.724	-.724	0	%100
145	M115	X	0	0	0	%100
146	M115	Z	-.724	-.724	0	%100
147	M116	X	0	0	0	%100
148	M116	Z	-.724	-.724	0	%100
149	M121	X	0	0	0	%100
150	M121	Z	-.724	-.724	0	%100
151	M122	X	0	0	0	%100
152	M122	Z	-.724	-.724	0	%100
153	M127	X	0	0	0	%100
154	M127	Z	-.724	-.724	0	%100
155	M128	X	0	0	0	%100
156	M128	Z	-.724	-.724	0	%100
157	M133	X	0	0	0	%100
158	M133	Z	-.724	-.724	0	%100
159	M134	X	0	0	0	%100
160	M134	Z	-.724	-.724	0	%100
161	M139	X	0	0	0	%100
162	M139	Z	-.724	-.724	0	%100
163	M140	X	0	0	0	%100
164	M140	Z	-.724	-.724	0	%100
165	M145	X	0	0	0	%100
166	M145	Z	-.724	-.724	0	%100
167	M146	X	0	0	0	%100
168	M146	Z	-.724	-.724	0	%100
169	M151	X	0	0	0	%100
170	M151	Z	-.724	-.724	0	%100
171	M152	X	0	0	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
172	M152	Z	-0.724	-0.724	0	%100
173	M157	X	0	0	0	%100
174	M157	Z	-0.724	-0.724	0	%100
175	M158	X	0	0	0	%100
176	M158	Z	-0.724	-0.724	0	%100
177	M163	X	0	0	0	%100
178	M163	Z	-0.724	-0.724	0	%100
179	M164	X	0	0	0	%100
180	M164	Z	-0.724	-0.724	0	%100
181	MP2A	X	0	0	0	%100
182	MP2A	Z	-2.618	-2.618	0	%100
183	MP1A	X	0	0	0	%100
184	MP1A	Z	-2.618	-2.618	0	%100
185	MP4A	X	0	0	0	%100
186	MP4A	Z	-2.618	-2.618	0	%100
187	MP2C	X	0	0	0	%100
188	MP2C	Z	-2.618	-2.618	0	%100
189	MP1C	X	0	0	0	%100
190	MP1C	Z	-2.618	-2.618	0	%100
191	MP4C	X	0	0	0	%100
192	MP4C	Z	-2.618	-2.618	0	%100
193	MP2B	X	0	0	0	%100
194	MP2B	Z	-2.618	-2.618	0	%100
195	MP1B	X	0	0	0	%100
196	MP1B	Z	-2.618	-2.618	0	%100
197	MP4B	X	0	0	0	%100
198	MP4B	Z	-2.618	-2.618	0	%100
199	MP3A	X	0	0	0	%100
200	MP3A	Z	-2.618	-2.618	0	%100
201	MP3C	X	0	0	0	%100
202	MP3C	Z	-2.618	-2.618	0	%100
203	MP3B	X	0	0	0	%100
204	MP3B	Z	-2.618	-2.618	0	%100
205	M185A	X	0	0	0	%100
206	M185A	Z	0	0	0	%100
207	M186	X	0	0	0	%100
208	M186	Z	0	0	0	%100
209	M187	X	0	0	0	%100
210	M187	Z	-2.434	-2.434	0	%100
211	M188	X	0	0	0	%100
212	M188	Z	-2.434	-2.434	0	%100
213	M188A	X	0	0	0	%100
214	M188A	Z	-2.404	-2.404	0	%100
215	M189	X	0	0	0	%100
216	M189	Z	0	0	0	%100
217	M190	X	0	0	0	%100
218	M190	Z	0	0	0	%100
219	M197	X	0	0	0	%100
220	M197	Z	-2.899	-2.899	0	%100
221	M196	X	0	0	0	%100
222	M196	Z	-0.725	-0.725	0	%100
223	M201A	X	0	0	0	%100
224	M201A	Z	-0.725	-0.725	0	%100
225	M212	X	0	0	0	%100
226	M212	Z	-1.957	-1.957	0	%100
227	M213	X	0	0	0	%100
228	M213	Z	-1.957	-1.957	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
229	M214	X	0	0	0	%100
230	M214	Z	-2.787	-2.787	0	%100
231	M215	X	0	0	0	%100
232	M215	Z	-2.787	-2.787	0	%100
233	M216	X	0	0	0	%100
234	M216	Z	-2.787	-2.787	0	%100
235	M217	X	0	0	0	%100
236	M217	Z	-2.787	-2.787	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M1	X	.45	.45	0	%100
2	M1	Z	-.78	-.78	0	%100
3	M3	X	.418	.418	0	%100
4	M3	Z	-.725	-.725	0	%100
5	M4	X	.45	.45	0	%100
6	M4	Z	-.78	-.78	0	%100
7	M6	X	.418	.418	0	%100
8	M6	Z	-.725	-.725	0	%100
9	M7	X	1.8	1.8	0	%100
10	M7	Z	-3.118	-3.118	0	%100
11	M9	X	0	0	0	%100
12	M9	Z	0	0	0	%100
13	M10	X	1.183	1.183	0	%100
14	M10	Z	-2.05	-2.05	0	%100
15	M11	X	1.183	1.183	0	%100
16	M11	Z	-2.05	-2.05	0	%100
17	M12	X	0	0	0	%100
18	M12	Z	0	0	0	%100
19	MP5B	X	1.307	1.307	0	%100
20	MP5B	Z	-2.264	-2.264	0	%100
21	MP5A	X	1.307	1.307	0	%100
22	MP5A	Z	-2.264	-2.264	0	%100
23	MP5C	X	1.307	1.307	0	%100
24	MP5C	Z	-2.264	-2.264	0	%100
25	M16	X	.916	.916	0	%100
26	M16	Z	-1.587	-1.587	0	%100
27	M18	X	.916	.916	0	%100
28	M18	Z	-1.587	-1.587	0	%100
29	M19	X	.916	.916	0	%100
30	M19	Z	-1.587	-1.587	0	%100
31	M20	X	.916	.916	0	%100
32	M20	Z	-1.587	-1.587	0	%100
33	M21	X	0	0	0	%100
34	M21	Z	0	0	0	%100
35	M22	X	0	0	0	%100
36	M22	Z	0	0	0	%100
37	M23	X	1.535	1.535	0	%100
38	M23	Z	-2.658	-2.658	0	%100
39	M24	X	1.535	1.535	0	%100
40	M24	Z	-2.658	-2.658	0	%100
41	M25	X	0	0	0	%100
42	M25	Z	0	0	0	%100
43	M26	X	.916	.916	0	%100
44	M26	Z	-1.587	-1.587	0	%100
45	M27	X	.916	.916	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft,F....]	Start Location[ft.%]	End Location[ft.%]
46	M27	Z	-1.587	-1.587	0	%100
47	M28	X	.916	.916	0	%100
48	M28	Z	-1.587	-1.587	0	%100
49	M29	X	.916	.916	0	%100
50	M29	Z	-1.587	-1.587	0	%100
51	M30	X	0	0	0	%100
52	M30	Z	0	0	0	%100
53	M31	X	0	0	0	%100
54	M31	Z	0	0	0	%100
55	M32	X	1.535	1.535	0	%100
56	M32	Z	-2.658	-2.658	0	%100
57	M33	X	1.535	1.535	0	%100
58	M33	Z	-2.658	-2.658	0	%100
59	M34	X	0	0	0	%100
60	M34	Z	0	0	0	%100
61	M35	X	.916	.916	0	%100
62	M35	Z	-1.587	-1.587	0	%100
63	M36	X	.916	.916	0	%100
64	M36	Z	-1.587	-1.587	0	%100
65	M37	X	.916	.916	0	%100
66	M37	Z	-1.587	-1.587	0	%100
67	M38	X	.916	.916	0	%100
68	M38	Z	-1.587	-1.587	0	%100
69	M39	X	0	0	0	%100
70	M39	Z	0	0	0	%100
71	M40	X	0	0	0	%100
72	M40	Z	0	0	0	%100
73	M41	X	1.192	1.192	0	%100
74	M41	Z	-2.064	-2.064	0	%100
75	M201	X	1.192	1.192	0	%100
76	M201	Z	-2.064	-2.064	0	%100
77	M50	X	1.192	1.192	0	%100
78	M50	Z	-2.064	-2.064	0	%100
79	M44	X	1.192	1.192	0	%100
80	M44	Z	-2.064	-2.064	0	%100
81	M45	X	1.192	1.192	0	%100
82	M45	Z	-2.064	-2.064	0	%100
83	M203	X	1.192	1.192	0	%100
84	M203	Z	-2.064	-2.064	0	%100
85	M200	X	1.192	1.192	0	%100
86	M200	Z	-2.064	-2.064	0	%100
87	M48	X	1.192	1.192	0	%100
88	M48	Z	-2.064	-2.064	0	%100
89	M49	X	1.192	1.192	0	%100
90	M49	Z	-2.064	-2.064	0	%100
91	M202	X	1.192	1.192	0	%100
92	M202	Z	-2.064	-2.064	0	%100
93	M51	X	1.192	1.192	0	%100
94	M51	Z	-2.064	-2.064	0	%100
95	M52	X	1.192	1.192	0	%100
96	M52	Z	-2.064	-2.064	0	%100
97	M53	X	1.183	1.183	0	%100
98	M53	Z	-2.05	-2.05	0	%100
99	M54	X	.454	.454	0	%100
100	M54	Z	-.787	-.787	0	%100
101	M55	X	.454	.454	0	%100
102	M55	Z	-.787	-.787	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
103	M56	X	.54	.54	0	%100
104	M56	Z	-.936	-.936	0	%100
105	M57	X	.54	.54	0	%100
106	M57	Z	-.936	-.936	0	%100
107	M58	X	1.578	1.578	0	%100
108	M58	Z	-2.733	-2.733	0	%100
109	M61	X	.121	.121	0	%100
110	M61	Z	-.209	-.209	0	%100
111	M62	X	.121	.121	0	%100
112	M62	Z	-.209	-.209	0	%100
113	M67	X	.121	.121	0	%100
114	M67	Z	-.209	-.209	0	%100
115	M68	X	.121	.121	0	%100
116	M68	Z	-.209	-.209	0	%100
117	M73	X	.121	.121	0	%100
118	M73	Z	-.209	-.209	0	%100
119	M74	X	.121	.121	0	%100
120	M74	Z	-.209	-.209	0	%100
121	M79	X	.121	.121	0	%100
122	M79	Z	-.209	-.209	0	%100
123	M80	X	.121	.121	0	%100
124	M80	Z	-.209	-.209	0	%100
125	M85	X	.121	.121	0	%100
126	M85	Z	-.209	-.209	0	%100
127	M86	X	.121	.121	0	%100
128	M86	Z	-.209	-.209	0	%100
129	M91	X	.121	.121	0	%100
130	M91	Z	-.209	-.209	0	%100
131	M92	X	.121	.121	0	%100
132	M92	Z	-.209	-.209	0	%100
133	M97	X	.121	.121	0	%100
134	M97	Z	-.209	-.209	0	%100
135	M98	X	.121	.121	0	%100
136	M98	Z	-.209	-.209	0	%100
137	M103	X	.121	.121	0	%100
138	M103	Z	-.209	-.209	0	%100
139	M104	X	.121	.121	0	%100
140	M104	Z	-.209	-.209	0	%100
141	M109	X	.121	.121	0	%100
142	M109	Z	-.209	-.209	0	%100
143	M110	X	.121	.121	0	%100
144	M110	Z	-.209	-.209	0	%100
145	M115	X	.121	.121	0	%100
146	M115	Z	-.209	-.209	0	%100
147	M116	X	.121	.121	0	%100
148	M116	Z	-.209	-.209	0	%100
149	M121	X	.121	.121	0	%100
150	M121	Z	-.209	-.209	0	%100
151	M122	X	.121	.121	0	%100
152	M122	Z	-.209	-.209	0	%100
153	M127	X	.121	.121	0	%100
154	M127	Z	-.209	-.209	0	%100
155	M128	X	.121	.121	0	%100
156	M128	Z	-.209	-.209	0	%100
157	M133	X	.483	.483	0	%100
158	M133	Z	-.836	-.836	0	%100
159	M134	X	.483	.483	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
160	M134	Z	-.836	-.836	0	%100
161	M139	X	.483	.483	0	%100
162	M139	Z	-.836	-.836	0	%100
163	M140	X	.483	.483	0	%100
164	M140	Z	-.836	-.836	0	%100
165	M145	X	.483	.483	0	%100
166	M145	Z	-.836	-.836	0	%100
167	M146	X	.483	.483	0	%100
168	M146	Z	-.836	-.836	0	%100
169	M151	X	.483	.483	0	%100
170	M151	Z	-.836	-.836	0	%100
171	M152	X	.483	.483	0	%100
172	M152	Z	-.836	-.836	0	%100
173	M157	X	.483	.483	0	%100
174	M157	Z	-.836	-.836	0	%100
175	M158	X	.483	.483	0	%100
176	M158	Z	-.836	-.836	0	%100
177	M163	X	.483	.483	0	%100
178	M163	Z	-.836	-.836	0	%100
179	M164	X	.483	.483	0	%100
180	M164	Z	-.836	-.836	0	%100
181	MP2A	X	1.309	1.309	0	%100
182	MP2A	Z	-2.267	-2.267	0	%100
183	MP1A	X	1.309	1.309	0	%100
184	MP1A	Z	-2.267	-2.267	0	%100
185	MP4A	X	1.309	1.309	0	%100
186	MP4A	Z	-2.267	-2.267	0	%100
187	MP2C	X	1.309	1.309	0	%100
188	MP2C	Z	-2.267	-2.267	0	%100
189	MP1C	X	1.309	1.309	0	%100
190	MP1C	Z	-2.267	-2.267	0	%100
191	MP4C	X	1.309	1.309	0	%100
192	MP4C	Z	-2.267	-2.267	0	%100
193	MP2B	X	1.309	1.309	0	%100
194	MP2B	Z	-2.267	-2.267	0	%100
195	MP1B	X	1.309	1.309	0	%100
196	MP1B	Z	-2.267	-2.267	0	%100
197	MP4B	X	1.309	1.309	0	%100
198	MP4B	Z	-2.267	-2.267	0	%100
199	MP3A	X	1.309	1.309	0	%100
200	MP3A	Z	-2.267	-2.267	0	%100
201	MP3C	X	1.309	1.309	0	%100
202	MP3C	Z	-2.267	-2.267	0	%100
203	MP3B	X	1.309	1.309	0	%100
204	MP3B	Z	-2.267	-2.267	0	%100
205	M185A	X	.304	.304	0	%100
206	M185A	Z	-.527	-.527	0	%100
207	M186	X	.304	.304	0	%100
208	M186	Z	-.527	-.527	0	%100
209	M187	X	.913	.913	0	%100
210	M187	Z	-1.581	-1.581	0	%100
211	M188	X	.913	.913	0	%100
212	M188	Z	-1.581	-1.581	0	%100
213	M188A	X	1.202	1.202	0	%100
214	M188A	Z	-2.082	-2.082	0	%100
215	M189	X	.304	.304	0	%100
216	M189	Z	-.527	-.527	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
217	M190	X	.304	.304	0	%100
218	M190	Z	-.527	-.527	0	%100
219	M197	X	1.087	1.087	0	%100
220	M197	Z	-1.883	-1.883	0	%100
221	M196	X	1.087	1.087	0	%100
222	M196	Z	-1.883	-1.883	0	%100
223	M201A	X	0	0	0	%100
224	M201A	Z	0	0	0	%100
225	M212	X	1.117	1.117	0	%100
226	M212	Z	-1.934	-1.934	0	%100
227	M213	X	1.117	1.117	0	%100
228	M213	Z	-1.934	-1.934	0	%100
229	M214	X	1.117	1.117	0	%100
230	M214	Z	-1.934	-1.934	0	%100
231	M215	X	1.117	1.117	0	%100
232	M215	Z	-1.934	-1.934	0	%100
233	M216	X	1.531	1.531	0	%100
234	M216	Z	-2.653	-2.653	0	%100
235	M217	X	1.531	1.531	0	%100
236	M217	Z	-2.653	-2.653	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M1	X	2.339	2.339	0	%100
2	M1	Z	-1.35	-1.35	0	%100
3	M3	X	.242	.242	0	%100
4	M3	Z	-.139	-.139	0	%100
5	M4	X	0	0	0	%100
6	M4	Z	0	0	0	%100
7	M6	X	.966	.966	0	%100
8	M6	Z	-.558	-.558	0	%100
9	M7	X	2.339	2.339	0	%100
10	M7	Z	-1.35	-1.35	0	%100
11	M9	X	.242	.242	0	%100
12	M9	Z	-.139	-.139	0	%100
13	M10	X	.683	.683	0	%100
14	M10	Z	-.394	-.394	0	%100
15	M11	X	2.733	2.733	0	%100
16	M11	Z	-1.578	-1.578	0	%100
17	M12	X	.683	.683	0	%100
18	M12	Z	-.394	-.394	0	%100
19	MP5B	X	2.264	2.264	0	%100
20	MP5B	Z	-1.307	-1.307	0	%100
21	MP5A	X	2.264	2.264	0	%100
22	MP5A	Z	-1.307	-1.307	0	%100
23	MP5C	X	2.264	2.264	0	%100
24	MP5C	Z	-1.307	-1.307	0	%100
25	M16	X	.529	.529	0	%100
26	M16	Z	-.305	-.305	0	%100
27	M18	X	.529	.529	0	%100
28	M18	Z	-.305	-.305	0	%100
29	M19	X	2.116	2.116	0	%100
30	M19	Z	-1.222	-1.222	0	%100
31	M20	X	2.116	2.116	0	%100
32	M20	Z	-1.222	-1.222	0	%100
33	M21	X	.529	.529	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
34	M21	Z	-.305	-.305	0	%100
35	M22	X	.529	.529	0	%100
36	M22	Z	-.305	-.305	0	%100
37	M23	X	.886	.886	0	%100
38	M23	Z	-.512	-.512	0	%100
39	M24	X	3.544	3.544	0	%100
40	M24	Z	-2.046	-2.046	0	%100
41	M25	X	.886	.886	0	%100
42	M25	Z	-.512	-.512	0	%100
43	M26	X	.529	.529	0	%100
44	M26	Z	-.305	-.305	0	%100
45	M27	X	.529	.529	0	%100
46	M27	Z	-.305	-.305	0	%100
47	M28	X	2.116	2.116	0	%100
48	M28	Z	-1.222	-1.222	0	%100
49	M29	X	2.116	2.116	0	%100
50	M29	Z	-1.222	-1.222	0	%100
51	M30	X	.529	.529	0	%100
52	M30	Z	-.305	-.305	0	%100
53	M31	X	.529	.529	0	%100
54	M31	Z	-.305	-.305	0	%100
55	M32	X	.886	.886	0	%100
56	M32	Z	-.512	-.512	0	%100
57	M33	X	3.544	3.544	0	%100
58	M33	Z	-2.046	-2.046	0	%100
59	M34	X	.886	.886	0	%100
60	M34	Z	-.512	-.512	0	%100
61	M35	X	.529	.529	0	%100
62	M35	Z	-.305	-.305	0	%100
63	M36	X	.529	.529	0	%100
64	M36	Z	-.305	-.305	0	%100
65	M37	X	2.116	2.116	0	%100
66	M37	Z	-1.222	-1.222	0	%100
67	M38	X	2.116	2.116	0	%100
68	M38	Z	-1.222	-1.222	0	%100
69	M39	X	.529	.529	0	%100
70	M39	Z	-.305	-.305	0	%100
71	M40	X	.529	.529	0	%100
72	M40	Z	-.305	-.305	0	%100
73	M41	X	2.064	2.064	0	%100
74	M41	Z	-1.192	-1.192	0	%100
75	M201	X	2.064	2.064	0	%100
76	M201	Z	-1.192	-1.192	0	%100
77	M50	X	2.064	2.064	0	%100
78	M50	Z	-1.192	-1.192	0	%100
79	M44	X	2.064	2.064	0	%100
80	M44	Z	-1.192	-1.192	0	%100
81	M45	X	2.064	2.064	0	%100
82	M45	Z	-1.192	-1.192	0	%100
83	M203	X	2.064	2.064	0	%100
84	M203	Z	-1.192	-1.192	0	%100
85	M200	X	2.064	2.064	0	%100
86	M200	Z	-1.192	-1.192	0	%100
87	M48	X	2.064	2.064	0	%100
88	M48	Z	-1.192	-1.192	0	%100
89	M49	X	2.064	2.064	0	%100
90	M49	Z	-1.192	-1.192	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
91	M202	X	2.064	2.064	0	%100
92	M202	Z	-1.192	-1.192	0	%100
93	M51	X	2.064	2.064	0	%100
94	M51	Z	-1.192	-1.192	0	%100
95	M52	X	2.064	2.064	0	%100
96	M52	Z	-1.192	-1.192	0	%100
97	M53	X	.683	.683	0	%100
98	M53	Z	-.394	-.394	0	%100
99	M54	X	2.36	2.36	0	%100
100	M54	Z	-1.363	-1.363	0	%100
101	M55	X	2.36	2.36	0	%100
102	M55	Z	-1.363	-1.363	0	%100
103	M56	X	.337	.337	0	%100
104	M56	Z	-.195	-.195	0	%100
105	M57	X	2.134	2.134	0	%100
106	M57	Z	-1.232	-1.232	0	%100
107	M58	X	2.134	2.134	0	%100
108	M58	Z	-1.232	-1.232	0	%100
109	M61	X	.627	.627	0	%100
110	M61	Z	-.362	-.362	0	%100
111	M62	X	.627	.627	0	%100
112	M62	Z	-.362	-.362	0	%100
113	M67	X	.627	.627	0	%100
114	M67	Z	-.362	-.362	0	%100
115	M68	X	.627	.627	0	%100
116	M68	Z	-.362	-.362	0	%100
117	M73	X	.627	.627	0	%100
118	M73	Z	-.362	-.362	0	%100
119	M74	X	.627	.627	0	%100
120	M74	Z	-.362	-.362	0	%100
121	M79	X	.627	.627	0	%100
122	M79	Z	-.362	-.362	0	%100
123	M80	X	.627	.627	0	%100
124	M80	Z	-.362	-.362	0	%100
125	M85	X	.627	.627	0	%100
126	M85	Z	-.362	-.362	0	%100
127	M86	X	.627	.627	0	%100
128	M86	Z	-.362	-.362	0	%100
129	M91	X	.627	.627	0	%100
130	M91	Z	-.362	-.362	0	%100
131	M92	X	.627	.627	0	%100
132	M92	Z	-.362	-.362	0	%100
133	M97	X	0	0	0	%100
134	M97	Z	0	0	0	%100
135	M98	X	0	0	0	%100
136	M98	Z	0	0	0	%100
137	M103	X	0	0	0	%100
138	M103	Z	0	0	0	%100
139	M104	X	0	0	0	%100
140	M104	Z	0	0	0	%100
141	M109	X	0	0	0	%100
142	M109	Z	0	0	0	%100
143	M110	X	0	0	0	%100
144	M110	Z	0	0	0	%100
145	M115	X	0	0	0	%100
146	M115	Z	0	0	0	%100
147	M116	X	0	0	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
148	M116	Z	0	0	0	%100
149	M121	X	0	0	0	%100
150	M121	Z	0	0	0	%100
151	M122	X	0	0	0	%100
152	M122	Z	0	0	0	%100
153	M127	X	0	0	0	%100
154	M127	Z	0	0	0	%100
155	M128	X	0	0	0	%100
156	M128	Z	0	0	0	%100
157	M133	X	.627	.627	0	%100
158	M133	Z	-.362	-.362	0	%100
159	M134	X	.627	.627	0	%100
160	M134	Z	-.362	-.362	0	%100
161	M139	X	.627	.627	0	%100
162	M139	Z	-.362	-.362	0	%100
163	M140	X	.627	.627	0	%100
164	M140	Z	-.362	-.362	0	%100
165	M145	X	.627	.627	0	%100
166	M145	Z	-.362	-.362	0	%100
167	M146	X	.627	.627	0	%100
168	M146	Z	-.362	-.362	0	%100
169	M151	X	.627	.627	0	%100
170	M151	Z	-.362	-.362	0	%100
171	M152	X	.627	.627	0	%100
172	M152	Z	-.362	-.362	0	%100
173	M157	X	.627	.627	0	%100
174	M157	Z	-.362	-.362	0	%100
175	M158	X	.627	.627	0	%100
176	M158	Z	-.362	-.362	0	%100
177	M163	X	.627	.627	0	%100
178	M163	Z	-.362	-.362	0	%100
179	M164	X	.627	.627	0	%100
180	M164	Z	-.362	-.362	0	%100
181	MP2A	X	2.267	2.267	0	%100
182	MP2A	Z	-1.309	-1.309	0	%100
183	MP1A	X	2.267	2.267	0	%100
184	MP1A	Z	-1.309	-1.309	0	%100
185	MP4A	X	2.267	2.267	0	%100
186	MP4A	Z	-1.309	-1.309	0	%100
187	MP2C	X	2.267	2.267	0	%100
188	MP2C	Z	-1.309	-1.309	0	%100
189	MP1C	X	2.267	2.267	0	%100
190	MP1C	Z	-1.309	-1.309	0	%100
191	MP4C	X	2.267	2.267	0	%100
192	MP4C	Z	-1.309	-1.309	0	%100
193	MP2B	X	2.267	2.267	0	%100
194	MP2B	Z	-1.309	-1.309	0	%100
195	MP1B	X	2.267	2.267	0	%100
196	MP1B	Z	-1.309	-1.309	0	%100
197	MP4B	X	2.267	2.267	0	%100
198	MP4B	Z	-1.309	-1.309	0	%100
199	MP3A	X	2.267	2.267	0	%100
200	MP3A	Z	-1.309	-1.309	0	%100
201	MP3C	X	2.267	2.267	0	%100
202	MP3C	Z	-1.309	-1.309	0	%100
203	MP3B	X	2.267	2.267	0	%100
204	MP3B	Z	-1.309	-1.309	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
205	M185A	X	1.581	1.581	0	%100
206	M185A	Z	-.913	-.913	0	%100
207	M186	X	1.581	1.581	0	%100
208	M186	Z	-.913	-.913	0	%100
209	M187	X	.527	.527	0	%100
210	M187	Z	-.304	-.304	0	%100
211	M188	X	.527	.527	0	%100
212	M188	Z	-.304	-.304	0	%100
213	M188A	X	2.082	2.082	0	%100
214	M188A	Z	-1.202	-1.202	0	%100
215	M189	X	1.581	1.581	0	%100
216	M189	Z	-.913	-.913	0	%100
217	M190	X	1.581	1.581	0	%100
218	M190	Z	-.913	-.913	0	%100
219	M197	X	.628	.628	0	%100
220	M197	Z	-.362	-.362	0	%100
221	M196	X	2.51	2.51	0	%100
222	M196	Z	-1.449	-1.449	0	%100
223	M201A	X	.628	.628	0	%100
224	M201A	Z	-.362	-.362	0	%100
225	M212	X	2.413	2.413	0	%100
226	M212	Z	-1.393	-1.393	0	%100
227	M213	X	2.413	2.413	0	%100
228	M213	Z	-1.393	-1.393	0	%100
229	M214	X	1.695	1.695	0	%100
230	M214	Z	-.979	-.979	0	%100
231	M215	X	1.695	1.695	0	%100
232	M215	Z	-.979	-.979	0	%100
233	M216	X	2.413	2.413	0	%100
234	M216	Z	-1.393	-1.393	0	%100
235	M217	X	2.413	2.413	0	%100
236	M217	Z	-1.393	-1.393	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M1	X	3.601	3.601	0	%100
2	M1	Z	0	0	0	%100
3	M3	X	0	0	0	%100
4	M3	Z	0	0	0	%100
5	M4	X	.9	.9	0	%100
6	M4	Z	0	0	0	%100
7	M6	X	.837	.837	0	%100
8	M6	Z	0	0	0	%100
9	M7	X	.9	.9	0	%100
10	M7	Z	0	0	0	%100
11	M9	X	.837	.837	0	%100
12	M9	Z	0	0	0	%100
13	M10	X	0	0	0	%100
14	M10	Z	0	0	0	%100
15	M11	X	2.367	2.367	0	%100
16	M11	Z	0	0	0	%100
17	M12	X	2.367	2.367	0	%100
18	M12	Z	0	0	0	%100
19	MP5B	X	2.614	2.614	0	%100
20	MP5B	Z	0	0	0	%100
21	MP5A	X	2.614	2.614	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft,F....]	Start Location[ft, %]	End Location[ft, %]
22	MP5A	Z	0	0	0	%100
23	MP5C	X	2.614	2.614	0	%100
24	MP5C	Z	0	0	0	%100
25	M16	X	0	0	0	%100
26	M16	Z	0	0	0	%100
27	M18	X	0	0	0	%100
28	M18	Z	0	0	0	%100
29	M19	X	1.833	1.833	0	%100
30	M19	Z	0	0	0	%100
31	M20	X	1.833	1.833	0	%100
32	M20	Z	0	0	0	%100
33	M21	X	1.833	1.833	0	%100
34	M21	Z	0	0	0	%100
35	M22	X	1.833	1.833	0	%100
36	M22	Z	0	0	0	%100
37	M23	X	0	0	0	%100
38	M23	Z	0	0	0	%100
39	M24	X	3.069	3.069	0	%100
40	M24	Z	0	0	0	%100
41	M25	X	3.069	3.069	0	%100
42	M25	Z	0	0	0	%100
43	M26	X	0	0	0	%100
44	M26	Z	0	0	0	%100
45	M27	X	0	0	0	%100
46	M27	Z	0	0	0	%100
47	M28	X	1.833	1.833	0	%100
48	M28	Z	0	0	0	%100
49	M29	X	1.833	1.833	0	%100
50	M29	Z	0	0	0	%100
51	M30	X	1.833	1.833	0	%100
52	M30	Z	0	0	0	%100
53	M31	X	1.833	1.833	0	%100
54	M31	Z	0	0	0	%100
55	M32	X	0	0	0	%100
56	M32	Z	0	0	0	%100
57	M33	X	3.069	3.069	0	%100
58	M33	Z	0	0	0	%100
59	M34	X	3.069	3.069	0	%100
60	M34	Z	0	0	0	%100
61	M35	X	0	0	0	%100
62	M35	Z	0	0	0	%100
63	M36	X	0	0	0	%100
64	M36	Z	0	0	0	%100
65	M37	X	1.833	1.833	0	%100
66	M37	Z	0	0	0	%100
67	M38	X	1.833	1.833	0	%100
68	M38	Z	0	0	0	%100
69	M39	X	1.833	1.833	0	%100
70	M39	Z	0	0	0	%100
71	M40	X	1.833	1.833	0	%100
72	M40	Z	0	0	0	%100
73	M41	X	2.383	2.383	0	%100
74	M41	Z	0	0	0	%100
75	M201	X	2.383	2.383	0	%100
76	M201	Z	0	0	0	%100
77	M50	X	2.383	2.383	0	%100
78	M50	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft,F...	Start Location[ft.%,]	End Location[ft.%,]
79	M44	X	2.383	2.383	0	%100
80	M44	Z	0	0	0	%100
81	M45	X	2.383	2.383	0	%100
82	M45	Z	0	0	0	%100
83	M203	X	2.383	2.383	0	%100
84	M203	Z	0	0	0	%100
85	M200	X	2.383	2.383	0	%100
86	M200	Z	0	0	0	%100
87	M48	X	2.383	2.383	0	%100
88	M48	Z	0	0	0	%100
89	M49	X	2.383	2.383	0	%100
90	M49	Z	0	0	0	%100
91	M202	X	2.383	2.383	0	%100
92	M202	Z	0	0	0	%100
93	M51	X	2.383	2.383	0	%100
94	M51	Z	0	0	0	%100
95	M52	X	2.383	2.383	0	%100
96	M52	Z	0	0	0	%100
97	M53	X	0	0	0	%100
98	M53	Z	0	0	0	%100
99	M54	X	3.634	3.634	0	%100
100	M54	Z	0	0	0	%100
101	M55	X	3.634	3.634	0	%100
102	M55	Z	0	0	0	%100
103	M56	X	1.081	1.081	0	%100
104	M56	Z	0	0	0	%100
105	M57	X	3.156	3.156	0	%100
106	M57	Z	0	0	0	%100
107	M58	X	1.081	1.081	0	%100
108	M58	Z	0	0	0	%100
109	M61	X	.965	.965	0	%100
110	M61	Z	0	0	0	%100
111	M62	X	.965	.965	0	%100
112	M62	Z	0	0	0	%100
113	M67	X	.965	.965	0	%100
114	M67	Z	0	0	0	%100
115	M68	X	.965	.965	0	%100
116	M68	Z	0	0	0	%100
117	M73	X	.965	.965	0	%100
118	M73	Z	0	0	0	%100
119	M74	X	.965	.965	0	%100
120	M74	Z	0	0	0	%100
121	M79	X	.965	.965	0	%100
122	M79	Z	0	0	0	%100
123	M80	X	.965	.965	0	%100
124	M80	Z	0	0	0	%100
125	M85	X	.965	.965	0	%100
126	M85	Z	0	0	0	%100
127	M86	X	.965	.965	0	%100
128	M86	Z	0	0	0	%100
129	M91	X	.965	.965	0	%100
130	M91	Z	0	0	0	%100
131	M92	X	.965	.965	0	%100
132	M92	Z	0	0	0	%100
133	M97	X	.241	.241	0	%100
134	M97	Z	0	0	0	%100
135	M98	X	.241	.241	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft,F...	Start Location[ft.%]	End Location[ft.%]
136	M98	Z	0	0	0	%100
137	M103	X	.241	.241	0	%100
138	M103	Z	0	0	0	%100
139	M104	X	.241	.241	0	%100
140	M104	Z	0	0	0	%100
141	M109	X	.241	.241	0	%100
142	M109	Z	0	0	0	%100
143	M110	X	.241	.241	0	%100
144	M110	Z	0	0	0	%100
145	M115	X	.241	.241	0	%100
146	M115	Z	0	0	0	%100
147	M116	X	.241	.241	0	%100
148	M116	Z	0	0	0	%100
149	M121	X	.241	.241	0	%100
150	M121	Z	0	0	0	%100
151	M122	X	.241	.241	0	%100
152	M122	Z	0	0	0	%100
153	M127	X	.241	.241	0	%100
154	M127	Z	0	0	0	%100
155	M128	X	.241	.241	0	%100
156	M128	Z	0	0	0	%100
157	M133	X	.241	.241	0	%100
158	M133	Z	0	0	0	%100
159	M134	X	.241	.241	0	%100
160	M134	Z	0	0	0	%100
161	M139	X	.241	.241	0	%100
162	M139	Z	0	0	0	%100
163	M140	X	.241	.241	0	%100
164	M140	Z	0	0	0	%100
165	M145	X	.241	.241	0	%100
166	M145	Z	0	0	0	%100
167	M146	X	.241	.241	0	%100
168	M146	Z	0	0	0	%100
169	M151	X	.241	.241	0	%100
170	M151	Z	0	0	0	%100
171	M152	X	.241	.241	0	%100
172	M152	Z	0	0	0	%100
173	M157	X	.241	.241	0	%100
174	M157	Z	0	0	0	%100
175	M158	X	.241	.241	0	%100
176	M158	Z	0	0	0	%100
177	M163	X	.241	.241	0	%100
178	M163	Z	0	0	0	%100
179	M164	X	.241	.241	0	%100
180	M164	Z	0	0	0	%100
181	MP2A	X	2.618	2.618	0	%100
182	MP2A	Z	0	0	0	%100
183	MP1A	X	2.618	2.618	0	%100
184	MP1A	Z	0	0	0	%100
185	MP4A	X	2.618	2.618	0	%100
186	MP4A	Z	0	0	0	%100
187	MP2C	X	2.618	2.618	0	%100
188	MP2C	Z	0	0	0	%100
189	MP1C	X	2.618	2.618	0	%100
190	MP1C	Z	0	0	0	%100
191	MP4C	X	2.618	2.618	0	%100
192	MP4C	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%]	End Location[ft.%]
193	MP2B	X	2.618	2.618	0	%100
194	MP2B	Z	0	0	0	%100
195	MP1B	X	2.618	2.618	0	%100
196	MP1B	Z	0	0	0	%100
197	MP4B	X	2.618	2.618	0	%100
198	MP4B	Z	0	0	0	%100
199	MP3A	X	2.618	2.618	0	%100
200	MP3A	Z	0	0	0	%100
201	MP3C	X	2.618	2.618	0	%100
202	MP3C	Z	0	0	0	%100
203	MP3B	X	2.618	2.618	0	%100
204	MP3B	Z	0	0	0	%100
205	M185A	X	2.434	2.434	0	%100
206	M185A	Z	0	0	0	%100
207	M186	X	2.434	2.434	0	%100
208	M186	Z	0	0	0	%100
209	M187	X	0	0	0	%100
210	M187	Z	0	0	0	%100
211	M188	X	0	0	0	%100
212	M188	Z	0	0	0	%100
213	M188A	X	2.404	2.404	0	%100
214	M188A	Z	0	0	0	%100
215	M189	X	2.434	2.434	0	%100
216	M189	Z	0	0	0	%100
217	M190	X	2.434	2.434	0	%100
218	M190	Z	0	0	0	%100
219	M197	X	0	0	0	%100
220	M197	Z	0	0	0	%100
221	M196	X	2.174	2.174	0	%100
222	M196	Z	0	0	0	%100
223	M201A	X	2.174	2.174	0	%100
224	M201A	Z	0	0	0	%100
225	M212	X	3.063	3.063	0	%100
226	M212	Z	0	0	0	%100
227	M213	X	3.063	3.063	0	%100
228	M213	Z	0	0	0	%100
229	M214	X	2.234	2.234	0	%100
230	M214	Z	0	0	0	%100
231	M215	X	2.234	2.234	0	%100
232	M215	Z	0	0	0	%100
233	M216	X	2.234	2.234	0	%100
234	M216	Z	0	0	0	%100
235	M217	X	2.234	2.234	0	%100
236	M217	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%]	End Location[ft.%]
1	M1	X	2.339	2.339	0	%100
2	M1	Z	1.35	1.35	0	%100
3	M3	X	.242	.242	0	%100
4	M3	Z	.139	.139	0	%100
5	M4	X	2.339	2.339	0	%100
6	M4	Z	1.35	1.35	0	%100
7	M6	X	.242	.242	0	%100
8	M6	Z	.139	.139	0	%100
9	M7	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft,F....]	Start Location[ft, %]	End Location[ft, %]
10	M7	Z	0	0	0	%100
11	M9	X	.966	.966	0	%100
12	M9	Z	.558	.558	0	%100
13	M10	X	.683	.683	0	%100
14	M10	Z	.394	.394	0	%100
15	M11	X	.683	.683	0	%100
16	M11	Z	.394	.394	0	%100
17	M12	X	2.733	2.733	0	%100
18	M12	Z	1.578	1.578	0	%100
19	MP5B	X	2.264	2.264	0	%100
20	MP5B	Z	1.307	1.307	0	%100
21	MP5A	X	2.264	2.264	0	%100
22	MP5A	Z	1.307	1.307	0	%100
23	MP5C	X	2.264	2.264	0	%100
24	MP5C	Z	1.307	1.307	0	%100
25	M16	X	.529	.529	0	%100
26	M16	Z	.305	.305	0	%100
27	M18	X	.529	.529	0	%100
28	M18	Z	.305	.305	0	%100
29	M19	X	.529	.529	0	%100
30	M19	Z	.305	.305	0	%100
31	M20	X	.529	.529	0	%100
32	M20	Z	.305	.305	0	%100
33	M21	X	2.116	2.116	0	%100
34	M21	Z	1.222	1.222	0	%100
35	M22	X	2.116	2.116	0	%100
36	M22	Z	1.222	1.222	0	%100
37	M23	X	.886	.886	0	%100
38	M23	Z	.512	.512	0	%100
39	M24	X	.886	.886	0	%100
40	M24	Z	.512	.512	0	%100
41	M25	X	3.544	3.544	0	%100
42	M25	Z	2.046	2.046	0	%100
43	M26	X	.529	.529	0	%100
44	M26	Z	.305	.305	0	%100
45	M27	X	.529	.529	0	%100
46	M27	Z	.305	.305	0	%100
47	M28	X	.529	.529	0	%100
48	M28	Z	.305	.305	0	%100
49	M29	X	.529	.529	0	%100
50	M29	Z	.305	.305	0	%100
51	M30	X	2.116	2.116	0	%100
52	M30	Z	1.222	1.222	0	%100
53	M31	X	2.116	2.116	0	%100
54	M31	Z	1.222	1.222	0	%100
55	M32	X	.886	.886	0	%100
56	M32	Z	.512	.512	0	%100
57	M33	X	.886	.886	0	%100
58	M33	Z	.512	.512	0	%100
59	M34	X	3.544	3.544	0	%100
60	M34	Z	2.046	2.046	0	%100
61	M35	X	.529	.529	0	%100
62	M35	Z	.305	.305	0	%100
63	M36	X	.529	.529	0	%100
64	M36	Z	.305	.305	0	%100
65	M37	X	.529	.529	0	%100
66	M37	Z	.305	.305	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
67	M38	X	.529	.529	0	%100
68	M38	Z	.305	.305	0	%100
69	M39	X	2.116	2.116	0	%100
70	M39	Z	1.222	1.222	0	%100
71	M40	X	2.116	2.116	0	%100
72	M40	Z	1.222	1.222	0	%100
73	M41	X	2.064	2.064	0	%100
74	M41	Z	1.192	1.192	0	%100
75	M201	X	2.064	2.064	0	%100
76	M201	Z	1.192	1.192	0	%100
77	M50	X	2.064	2.064	0	%100
78	M50	Z	1.192	1.192	0	%100
79	M44	X	2.064	2.064	0	%100
80	M44	Z	1.192	1.192	0	%100
81	M45	X	2.064	2.064	0	%100
82	M45	Z	1.192	1.192	0	%100
83	M203	X	2.064	2.064	0	%100
84	M203	Z	1.192	1.192	0	%100
85	M200	X	2.064	2.064	0	%100
86	M200	Z	1.192	1.192	0	%100
87	M48	X	2.064	2.064	0	%100
88	M48	Z	1.192	1.192	0	%100
89	M49	X	2.064	2.064	0	%100
90	M49	Z	1.192	1.192	0	%100
91	M202	X	2.064	2.064	0	%100
92	M202	Z	1.192	1.192	0	%100
93	M51	X	2.064	2.064	0	%100
94	M51	Z	1.192	1.192	0	%100
95	M52	X	2.064	2.064	0	%100
96	M52	Z	1.192	1.192	0	%100
97	M53	X	.683	.683	0	%100
98	M53	Z	.394	.394	0	%100
99	M54	X	2.36	2.36	0	%100
100	M54	Z	1.363	1.363	0	%100
101	M55	X	2.36	2.36	0	%100
102	M55	Z	1.363	1.363	0	%100
103	M56	X	2.134	2.134	0	%100
104	M56	Z	1.232	1.232	0	%100
105	M57	X	2.134	2.134	0	%100
106	M57	Z	1.232	1.232	0	%100
107	M58	X	.337	.337	0	%100
108	M58	Z	.195	.195	0	%100
109	M61	X	.627	.627	0	%100
110	M61	Z	.362	.362	0	%100
111	M62	X	.627	.627	0	%100
112	M62	Z	.362	.362	0	%100
113	M67	X	.627	.627	0	%100
114	M67	Z	.362	.362	0	%100
115	M68	X	.627	.627	0	%100
116	M68	Z	.362	.362	0	%100
117	M73	X	.627	.627	0	%100
118	M73	Z	.362	.362	0	%100
119	M74	X	.627	.627	0	%100
120	M74	Z	.362	.362	0	%100
121	M79	X	.627	.627	0	%100
122	M79	Z	.362	.362	0	%100
123	M80	X	.627	.627	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft,F....]	Start Location[ft.%]	End Location[ft.%]
124	M80	Z	.362	.362	0	%100
125	M85	X	.627	.627	0	%100
126	M85	Z	.362	.362	0	%100
127	M86	X	.627	.627	0	%100
128	M86	Z	.362	.362	0	%100
129	M91	X	.627	.627	0	%100
130	M91	Z	.362	.362	0	%100
131	M92	X	.627	.627	0	%100
132	M92	Z	.362	.362	0	%100
133	M97	X	.627	.627	0	%100
134	M97	Z	.362	.362	0	%100
135	M98	X	.627	.627	0	%100
136	M98	Z	.362	.362	0	%100
137	M103	X	.627	.627	0	%100
138	M103	Z	.362	.362	0	%100
139	M104	X	.627	.627	0	%100
140	M104	Z	.362	.362	0	%100
141	M109	X	.627	.627	0	%100
142	M109	Z	.362	.362	0	%100
143	M110	X	.627	.627	0	%100
144	M110	Z	.362	.362	0	%100
145	M115	X	.627	.627	0	%100
146	M115	Z	.362	.362	0	%100
147	M116	X	.627	.627	0	%100
148	M116	Z	.362	.362	0	%100
149	M121	X	.627	.627	0	%100
150	M121	Z	.362	.362	0	%100
151	M122	X	.627	.627	0	%100
152	M122	Z	.362	.362	0	%100
153	M127	X	.627	.627	0	%100
154	M127	Z	.362	.362	0	%100
155	M128	X	.627	.627	0	%100
156	M128	Z	.362	.362	0	%100
157	M133	X	0	0	0	%100
158	M133	Z	0	0	0	%100
159	M134	X	0	0	0	%100
160	M134	Z	0	0	0	%100
161	M139	X	0	0	0	%100
162	M139	Z	0	0	0	%100
163	M140	X	0	0	0	%100
164	M140	Z	0	0	0	%100
165	M145	X	0	0	0	%100
166	M145	Z	0	0	0	%100
167	M146	X	0	0	0	%100
168	M146	Z	0	0	0	%100
169	M151	X	0	0	0	%100
170	M151	Z	0	0	0	%100
171	M152	X	0	0	0	%100
172	M152	Z	0	0	0	%100
173	M157	X	0	0	0	%100
174	M157	Z	0	0	0	%100
175	M158	X	0	0	0	%100
176	M158	Z	0	0	0	%100
177	M163	X	0	0	0	%100
178	M163	Z	0	0	0	%100
179	M164	X	0	0	0	%100
180	M164	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,....	End Magnitude[lb/ft,F...	Start Location[ft,.%]	End Location[ft,.%]
181	MP2A	X	2.267	2.267	0	%100
182	MP2A	Z	1.309	1.309	0	%100
183	MP1A	X	2.267	2.267	0	%100
184	MP1A	Z	1.309	1.309	0	%100
185	MP4A	X	2.267	2.267	0	%100
186	MP4A	Z	1.309	1.309	0	%100
187	MP2C	X	2.267	2.267	0	%100
188	MP2C	Z	1.309	1.309	0	%100
189	MP1C	X	2.267	2.267	0	%100
190	MP1C	Z	1.309	1.309	0	%100
191	MP4C	X	2.267	2.267	0	%100
192	MP4C	Z	1.309	1.309	0	%100
193	MP2B	X	2.267	2.267	0	%100
194	MP2B	Z	1.309	1.309	0	%100
195	MP1B	X	2.267	2.267	0	%100
196	MP1B	Z	1.309	1.309	0	%100
197	MP4B	X	2.267	2.267	0	%100
198	MP4B	Z	1.309	1.309	0	%100
199	MP3A	X	2.267	2.267	0	%100
200	MP3A	Z	1.309	1.309	0	%100
201	MP3C	X	2.267	2.267	0	%100
202	MP3C	Z	1.309	1.309	0	%100
203	MP3B	X	2.267	2.267	0	%100
204	MP3B	Z	1.309	1.309	0	%100
205	M185A	X	1.581	1.581	0	%100
206	M185A	Z	.913	.913	0	%100
207	M186	X	1.581	1.581	0	%100
208	M186	Z	.913	.913	0	%100
209	M187	X	.527	.527	0	%100
210	M187	Z	.304	.304	0	%100
211	M188	X	.527	.527	0	%100
212	M188	Z	.304	.304	0	%100
213	M188A	X	2.082	2.082	0	%100
214	M188A	Z	1.202	1.202	0	%100
215	M189	X	1.581	1.581	0	%100
216	M189	Z	.913	.913	0	%100
217	M190	X	1.581	1.581	0	%100
218	M190	Z	.913	.913	0	%100
219	M197	X	.628	.628	0	%100
220	M197	Z	.362	.362	0	%100
221	M196	X	.628	.628	0	%100
222	M196	Z	.362	.362	0	%100
223	M201A	X	2.51	2.51	0	%100
224	M201A	Z	1.449	1.449	0	%100
225	M212	X	2.413	2.413	0	%100
226	M212	Z	1.393	1.393	0	%100
227	M213	X	2.413	2.413	0	%100
228	M213	Z	1.393	1.393	0	%100
229	M214	X	2.413	2.413	0	%100
230	M214	Z	1.393	1.393	0	%100
231	M215	X	2.413	2.413	0	%100
232	M215	Z	1.393	1.393	0	%100
233	M216	X	1.695	1.695	0	%100
234	M216	Z	.979	.979	0	%100
235	M217	X	1.695	1.695	0	%100
236	M217	Z	.979	.979	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,....	End Magnitude[lb/ft,F...	Start Location[ft,.%]	End Location[ft,.%]
1	M1	X	.45	.45	0	%100
2	M1	Z	.78	.78	0	%100
3	M3	X	.418	.418	0	%100
4	M3	Z	.725	.725	0	%100
5	M4	X	1.8	1.8	0	%100
6	M4	Z	3.118	3.118	0	%100
7	M6	X	0	0	0	%100
8	M6	Z	0	0	0	%100
9	M7	X	.45	.45	0	%100
10	M7	Z	.78	.78	0	%100
11	M9	X	.418	.418	0	%100
12	M9	Z	.725	.725	0	%100
13	M10	X	1.183	1.183	0	%100
14	M10	Z	2.05	2.05	0	%100
15	M11	X	0	0	0	%100
16	M11	Z	0	0	0	%100
17	M12	X	1.183	1.183	0	%100
18	M12	Z	2.05	2.05	0	%100
19	MP5B	X	1.307	1.307	0	%100
20	MP5B	Z	2.264	2.264	0	%100
21	MP5A	X	1.307	1.307	0	%100
22	MP5A	Z	2.264	2.264	0	%100
23	MP5C	X	1.307	1.307	0	%100
24	MP5C	Z	2.264	2.264	0	%100
25	M16	X	.916	.916	0	%100
26	M16	Z	1.587	1.587	0	%100
27	M18	X	.916	.916	0	%100
28	M18	Z	1.587	1.587	0	%100
29	M19	X	0	0	0	%100
30	M19	Z	0	0	0	%100
31	M20	X	0	0	0	%100
32	M20	Z	0	0	0	%100
33	M21	X	.916	.916	0	%100
34	M21	Z	1.587	1.587	0	%100
35	M22	X	.916	.916	0	%100
36	M22	Z	1.587	1.587	0	%100
37	M23	X	1.535	1.535	0	%100
38	M23	Z	2.658	2.658	0	%100
39	M24	X	0	0	0	%100
40	M24	Z	0	0	0	%100
41	M25	X	1.535	1.535	0	%100
42	M25	Z	2.658	2.658	0	%100
43	M26	X	.916	.916	0	%100
44	M26	Z	1.587	1.587	0	%100
45	M27	X	.916	.916	0	%100
46	M27	Z	1.587	1.587	0	%100
47	M28	X	0	0	0	%100
48	M28	Z	0	0	0	%100
49	M29	X	0	0	0	%100
50	M29	Z	0	0	0	%100
51	M30	X	.916	.916	0	%100
52	M30	Z	1.587	1.587	0	%100
53	M31	X	.916	.916	0	%100
54	M31	Z	1.587	1.587	0	%100
55	M32	X	1.535	1.535	0	%100
56	M32	Z	2.658	2.658	0	%100
57	M33	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft,F....]	Start Location[ft.%]	End Location[ft.%]
58	M33	Z	0	0	0	%100
59	M34	X	1.535	1.535	0	%100
60	M34	Z	2.658	2.658	0	%100
61	M35	X	.916	.916	0	%100
62	M35	Z	1.587	1.587	0	%100
63	M36	X	.916	.916	0	%100
64	M36	Z	1.587	1.587	0	%100
65	M37	X	0	0	0	%100
66	M37	Z	0	0	0	%100
67	M38	X	0	0	0	%100
68	M38	Z	0	0	0	%100
69	M39	X	.916	.916	0	%100
70	M39	Z	1.587	1.587	0	%100
71	M40	X	.916	.916	0	%100
72	M40	Z	1.587	1.587	0	%100
73	M41	X	1.192	1.192	0	%100
74	M41	Z	2.064	2.064	0	%100
75	M201	X	1.192	1.192	0	%100
76	M201	Z	2.064	2.064	0	%100
77	M50	X	1.192	1.192	0	%100
78	M50	Z	2.064	2.064	0	%100
79	M44	X	1.192	1.192	0	%100
80	M44	Z	2.064	2.064	0	%100
81	M45	X	1.192	1.192	0	%100
82	M45	Z	2.064	2.064	0	%100
83	M203	X	1.192	1.192	0	%100
84	M203	Z	2.064	2.064	0	%100
85	M200	X	1.192	1.192	0	%100
86	M200	Z	2.064	2.064	0	%100
87	M48	X	1.192	1.192	0	%100
88	M48	Z	2.064	2.064	0	%100
89	M49	X	1.192	1.192	0	%100
90	M49	Z	2.064	2.064	0	%100
91	M202	X	1.192	1.192	0	%100
92	M202	Z	2.064	2.064	0	%100
93	M51	X	1.192	1.192	0	%100
94	M51	Z	2.064	2.064	0	%100
95	M52	X	1.192	1.192	0	%100
96	M52	Z	2.064	2.064	0	%100
97	M53	X	1.183	1.183	0	%100
98	M53	Z	2.05	2.05	0	%100
99	M54	X	.454	.454	0	%100
100	M54	Z	.787	.787	0	%100
101	M55	X	.454	.454	0	%100
102	M55	Z	.787	.787	0	%100
103	M56	X	1.578	1.578	0	%100
104	M56	Z	2.733	2.733	0	%100
105	M57	X	.54	.54	0	%100
106	M57	Z	.936	.936	0	%100
107	M58	X	.54	.54	0	%100
108	M58	Z	.936	.936	0	%100
109	M61	X	.121	.121	0	%100
110	M61	Z	.209	.209	0	%100
111	M62	X	.121	.121	0	%100
112	M62	Z	.209	.209	0	%100
113	M67	X	.121	.121	0	%100
114	M67	Z	.209	.209	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft,F...	Start Location[ft.%,]	End Location[ft.%,]
115	M68	X	.121	.121	0	%100
116	M68	Z	.209	.209	0	%100
117	M73	X	.121	.121	0	%100
118	M73	Z	.209	.209	0	%100
119	M74	X	.121	.121	0	%100
120	M74	Z	.209	.209	0	%100
121	M79	X	.121	.121	0	%100
122	M79	Z	.209	.209	0	%100
123	M80	X	.121	.121	0	%100
124	M80	Z	.209	.209	0	%100
125	M85	X	.121	.121	0	%100
126	M85	Z	.209	.209	0	%100
127	M86	X	.121	.121	0	%100
128	M86	Z	.209	.209	0	%100
129	M91	X	.121	.121	0	%100
130	M91	Z	.209	.209	0	%100
131	M92	X	.121	.121	0	%100
132	M92	Z	.209	.209	0	%100
133	M97	X	.483	.483	0	%100
134	M97	Z	.836	.836	0	%100
135	M98	X	.483	.483	0	%100
136	M98	Z	.836	.836	0	%100
137	M103	X	.483	.483	0	%100
138	M103	Z	.836	.836	0	%100
139	M104	X	.483	.483	0	%100
140	M104	Z	.836	.836	0	%100
141	M109	X	.483	.483	0	%100
142	M109	Z	.836	.836	0	%100
143	M110	X	.483	.483	0	%100
144	M110	Z	.836	.836	0	%100
145	M115	X	.483	.483	0	%100
146	M115	Z	.836	.836	0	%100
147	M116	X	.483	.483	0	%100
148	M116	Z	.836	.836	0	%100
149	M121	X	.483	.483	0	%100
150	M121	Z	.836	.836	0	%100
151	M122	X	.483	.483	0	%100
152	M122	Z	.836	.836	0	%100
153	M127	X	.483	.483	0	%100
154	M127	Z	.836	.836	0	%100
155	M128	X	.483	.483	0	%100
156	M128	Z	.836	.836	0	%100
157	M133	X	.121	.121	0	%100
158	M133	Z	.209	.209	0	%100
159	M134	X	.121	.121	0	%100
160	M134	Z	.209	.209	0	%100
161	M139	X	.121	.121	0	%100
162	M139	Z	.209	.209	0	%100
163	M140	X	.121	.121	0	%100
164	M140	Z	.209	.209	0	%100
165	M145	X	.121	.121	0	%100
166	M145	Z	.209	.209	0	%100
167	M146	X	.121	.121	0	%100
168	M146	Z	.209	.209	0	%100
169	M151	X	.121	.121	0	%100
170	M151	Z	.209	.209	0	%100
171	M152	X	.121	.121	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft,F....]	Start Location[ft, %]	End Location[ft, %]
172	M152	Z	.209	.209	0	%100
173	M157	X	.121	.121	0	%100
174	M157	Z	.209	.209	0	%100
175	M158	X	.121	.121	0	%100
176	M158	Z	.209	.209	0	%100
177	M163	X	.121	.121	0	%100
178	M163	Z	.209	.209	0	%100
179	M164	X	.121	.121	0	%100
180	M164	Z	.209	.209	0	%100
181	MP2A	X	1.309	1.309	0	%100
182	MP2A	Z	2.267	2.267	0	%100
183	MP1A	X	1.309	1.309	0	%100
184	MP1A	Z	2.267	2.267	0	%100
185	MP4A	X	1.309	1.309	0	%100
186	MP4A	Z	2.267	2.267	0	%100
187	MP2C	X	1.309	1.309	0	%100
188	MP2C	Z	2.267	2.267	0	%100
189	MP1C	X	1.309	1.309	0	%100
190	MP1C	Z	2.267	2.267	0	%100
191	MP4C	X	1.309	1.309	0	%100
192	MP4C	Z	2.267	2.267	0	%100
193	MP2B	X	1.309	1.309	0	%100
194	MP2B	Z	2.267	2.267	0	%100
195	MP1B	X	1.309	1.309	0	%100
196	MP1B	Z	2.267	2.267	0	%100
197	MP4B	X	1.309	1.309	0	%100
198	MP4B	Z	2.267	2.267	0	%100
199	MP3A	X	1.309	1.309	0	%100
200	MP3A	Z	2.267	2.267	0	%100
201	MP3C	X	1.309	1.309	0	%100
202	MP3C	Z	2.267	2.267	0	%100
203	MP3B	X	1.309	1.309	0	%100
204	MP3B	Z	2.267	2.267	0	%100
205	M185A	X	.304	.304	0	%100
206	M185A	Z	.527	.527	0	%100
207	M186	X	.304	.304	0	%100
208	M186	Z	.527	.527	0	%100
209	M187	X	.913	.913	0	%100
210	M187	Z	1.581	1.581	0	%100
211	M188	X	.913	.913	0	%100
212	M188	Z	1.581	1.581	0	%100
213	M188A	X	1.202	1.202	0	%100
214	M188A	Z	2.082	2.082	0	%100
215	M189	X	.304	.304	0	%100
216	M189	Z	.527	.527	0	%100
217	M190	X	.304	.304	0	%100
218	M190	Z	.527	.527	0	%100
219	M197	X	1.087	1.087	0	%100
220	M197	Z	1.883	1.883	0	%100
221	M196	X	0	0	0	%100
222	M196	Z	0	0	0	%100
223	M201A	X	1.087	1.087	0	%100
224	M201A	Z	1.883	1.883	0	%100
225	M212	X	1.117	1.117	0	%100
226	M212	Z	1.934	1.934	0	%100
227	M213	X	1.117	1.117	0	%100
228	M213	Z	1.934	1.934	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
229	M214	X	1.531	1.531	0	%100
230	M214	Z	2.653	2.653	0	%100
231	M215	X	1.531	1.531	0	%100
232	M215	Z	2.653	2.653	0	%100
233	M216	X	1.117	1.117	0	%100
234	M216	Z	1.934	1.934	0	%100
235	M217	X	1.117	1.117	0	%100
236	M217	Z	1.934	1.934	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M3	X	0	0	0	%100
4	M3	Z	1.116	1.116	0	%100
5	M4	X	0	0	0	%100
6	M4	Z	2.7	2.7	0	%100
7	M6	X	0	0	0	%100
8	M6	Z	.279	.279	0	%100
9	M7	X	0	0	0	%100
10	M7	Z	2.7	2.7	0	%100
11	M9	X	0	0	0	%100
12	M9	Z	.279	.279	0	%100
13	M10	X	0	0	0	%100
14	M10	Z	3.156	3.156	0	%100
15	M11	X	0	0	0	%100
16	M11	Z	.789	.789	0	%100
17	M12	X	0	0	0	%100
18	M12	Z	.789	.789	0	%100
19	MP5B	X	0	0	0	%100
20	MP5B	Z	2.614	2.614	0	%100
21	MP5A	X	0	0	0	%100
22	MP5A	Z	2.614	2.614	0	%100
23	MP5C	X	0	0	0	%100
24	MP5C	Z	2.614	2.614	0	%100
25	M16	X	0	0	0	%100
26	M16	Z	2.444	2.444	0	%100
27	M18	X	0	0	0	%100
28	M18	Z	2.444	2.444	0	%100
29	M19	X	0	0	0	%100
30	M19	Z	.611	.611	0	%100
31	M20	X	0	0	0	%100
32	M20	Z	.611	.611	0	%100
33	M21	X	0	0	0	%100
34	M21	Z	.611	.611	0	%100
35	M22	X	0	0	0	%100
36	M22	Z	.611	.611	0	%100
37	M23	X	0	0	0	%100
38	M23	Z	4.092	4.092	0	%100
39	M24	X	0	0	0	%100
40	M24	Z	1.023	1.023	0	%100
41	M25	X	0	0	0	%100
42	M25	Z	1.023	1.023	0	%100
43	M26	X	0	0	0	%100
44	M26	Z	2.444	2.444	0	%100
45	M27	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
46	M27	Z	2.444	2.444	0	%100
47	M28	X	0	0	0	%100
48	M28	Z	.611	.611	0	%100
49	M29	X	0	0	0	%100
50	M29	Z	.611	.611	0	%100
51	M30	X	0	0	0	%100
52	M30	Z	.611	.611	0	%100
53	M31	X	0	0	0	%100
54	M31	Z	.611	.611	0	%100
55	M32	X	0	0	0	%100
56	M32	Z	4.092	4.092	0	%100
57	M33	X	0	0	0	%100
58	M33	Z	1.023	1.023	0	%100
59	M34	X	0	0	0	%100
60	M34	Z	1.023	1.023	0	%100
61	M35	X	0	0	0	%100
62	M35	Z	2.444	2.444	0	%100
63	M36	X	0	0	0	%100
64	M36	Z	2.444	2.444	0	%100
65	M37	X	0	0	0	%100
66	M37	Z	.611	.611	0	%100
67	M38	X	0	0	0	%100
68	M38	Z	.611	.611	0	%100
69	M39	X	0	0	0	%100
70	M39	Z	.611	.611	0	%100
71	M40	X	0	0	0	%100
72	M40	Z	.611	.611	0	%100
73	M41	X	0	0	0	%100
74	M41	Z	2.383	2.383	0	%100
75	M201	X	0	0	0	%100
76	M201	Z	2.383	2.383	0	%100
77	M50	X	0	0	0	%100
78	M50	Z	2.383	2.383	0	%100
79	M44	X	0	0	0	%100
80	M44	Z	2.383	2.383	0	%100
81	M45	X	0	0	0	%100
82	M45	Z	2.383	2.383	0	%100
83	M203	X	0	0	0	%100
84	M203	Z	2.383	2.383	0	%100
85	M200	X	0	0	0	%100
86	M200	Z	2.383	2.383	0	%100
87	M48	X	0	0	0	%100
88	M48	Z	2.383	2.383	0	%100
89	M49	X	0	0	0	%100
90	M49	Z	2.383	2.383	0	%100
91	M202	X	0	0	0	%100
92	M202	Z	2.383	2.383	0	%100
93	M51	X	0	0	0	%100
94	M51	Z	2.383	2.383	0	%100
95	M52	X	0	0	0	%100
96	M52	Z	2.383	2.383	0	%100
97	M53	X	0	0	0	%100
98	M53	Z	3.156	3.156	0	%100
99	M54	X	0	0	0	%100
100	M54	Z	0	0	0	%100
101	M55	X	0	0	0	%100
102	M55	Z	0	0	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft,F...	Start Location[ft.%,]	End Location[ft.%,]
103	M56	X	0	0	0	%100
104	M56	Z	2.464	2.464	0	%100
105	M57	X	0	0	0	%100
106	M57	Z	.389	.389	0	%100
107	M58	X	0	0	0	%100
108	M58	Z	2.464	2.464	0	%100
109	M61	X	0	0	0	%100
110	M61	Z	0	0	0	%100
111	M62	X	0	0	0	%100
112	M62	Z	0	0	0	%100
113	M67	X	0	0	0	%100
114	M67	Z	0	0	0	%100
115	M68	X	0	0	0	%100
116	M68	Z	0	0	0	%100
117	M73	X	0	0	0	%100
118	M73	Z	0	0	0	%100
119	M74	X	0	0	0	%100
120	M74	Z	0	0	0	%100
121	M79	X	0	0	0	%100
122	M79	Z	0	0	0	%100
123	M80	X	0	0	0	%100
124	M80	Z	0	0	0	%100
125	M85	X	0	0	0	%100
126	M85	Z	0	0	0	%100
127	M86	X	0	0	0	%100
128	M86	Z	0	0	0	%100
129	M91	X	0	0	0	%100
130	M91	Z	0	0	0	%100
131	M92	X	0	0	0	%100
132	M92	Z	0	0	0	%100
133	M97	X	0	0	0	%100
134	M97	Z	.724	.724	0	%100
135	M98	X	0	0	0	%100
136	M98	Z	.724	.724	0	%100
137	M103	X	0	0	0	%100
138	M103	Z	.724	.724	0	%100
139	M104	X	0	0	0	%100
140	M104	Z	.724	.724	0	%100
141	M109	X	0	0	0	%100
142	M109	Z	.724	.724	0	%100
143	M110	X	0	0	0	%100
144	M110	Z	.724	.724	0	%100
145	M115	X	0	0	0	%100
146	M115	Z	.724	.724	0	%100
147	M116	X	0	0	0	%100
148	M116	Z	.724	.724	0	%100
149	M121	X	0	0	0	%100
150	M121	Z	.724	.724	0	%100
151	M122	X	0	0	0	%100
152	M122	Z	.724	.724	0	%100
153	M127	X	0	0	0	%100
154	M127	Z	.724	.724	0	%100
155	M128	X	0	0	0	%100
156	M128	Z	.724	.724	0	%100
157	M133	X	0	0	0	%100
158	M133	Z	.724	.724	0	%100
159	M134	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,....]	End Magnitude[lb/ft,F...]	Start Location[ft,.%]	End Location[ft,.%]
160	M134	Z	.724	.724	0	%100
161	M139	X	0	0	0	%100
162	M139	Z	.724	.724	0	%100
163	M140	X	0	0	0	%100
164	M140	Z	.724	.724	0	%100
165	M145	X	0	0	0	%100
166	M145	Z	.724	.724	0	%100
167	M146	X	0	0	0	%100
168	M146	Z	.724	.724	0	%100
169	M151	X	0	0	0	%100
170	M151	Z	.724	.724	0	%100
171	M152	X	0	0	0	%100
172	M152	Z	.724	.724	0	%100
173	M157	X	0	0	0	%100
174	M157	Z	.724	.724	0	%100
175	M158	X	0	0	0	%100
176	M158	Z	.724	.724	0	%100
177	M163	X	0	0	0	%100
178	M163	Z	.724	.724	0	%100
179	M164	X	0	0	0	%100
180	M164	Z	.724	.724	0	%100
181	MP2A	X	0	0	0	%100
182	MP2A	Z	2.618	2.618	0	%100
183	MP1A	X	0	0	0	%100
184	MP1A	Z	2.618	2.618	0	%100
185	MP4A	X	0	0	0	%100
186	MP4A	Z	2.618	2.618	0	%100
187	MP2C	X	0	0	0	%100
188	MP2C	Z	2.618	2.618	0	%100
189	MP1C	X	0	0	0	%100
190	MP1C	Z	2.618	2.618	0	%100
191	MP4C	X	0	0	0	%100
192	MP4C	Z	2.618	2.618	0	%100
193	MP2B	X	0	0	0	%100
194	MP2B	Z	2.618	2.618	0	%100
195	MP1B	X	0	0	0	%100
196	MP1B	Z	2.618	2.618	0	%100
197	MP4B	X	0	0	0	%100
198	MP4B	Z	2.618	2.618	0	%100
199	MP3A	X	0	0	0	%100
200	MP3A	Z	2.618	2.618	0	%100
201	MP3C	X	0	0	0	%100
202	MP3C	Z	2.618	2.618	0	%100
203	MP3B	X	0	0	0	%100
204	MP3B	Z	2.618	2.618	0	%100
205	M185A	X	0	0	0	%100
206	M185A	Z	0	0	0	%100
207	M186	X	0	0	0	%100
208	M186	Z	0	0	0	%100
209	M187	X	0	0	0	%100
210	M187	Z	2.434	2.434	0	%100
211	M188	X	0	0	0	%100
212	M188	Z	2.434	2.434	0	%100
213	M188A	X	0	0	0	%100
214	M188A	Z	2.404	2.404	0	%100
215	M189	X	0	0	0	%100
216	M189	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft,F...	Start Location[ft.%,]	End Location[ft.%,]
217	M190	X	0	0	0	%100
218	M190	Z	0	0	0	%100
219	M197	X	0	0	0	%100
220	M197	Z	2.899	2.899	0	%100
221	M196	X	0	0	0	%100
222	M196	Z	.725	.725	0	%100
223	M201A	X	0	0	0	%100
224	M201A	Z	.725	.725	0	%100
225	M212	X	0	0	0	%100
226	M212	Z	1.957	1.957	0	%100
227	M213	X	0	0	0	%100
228	M213	Z	1.957	1.957	0	%100
229	M214	X	0	0	0	%100
230	M214	Z	2.787	2.787	0	%100
231	M215	X	0	0	0	%100
232	M215	Z	2.787	2.787	0	%100
233	M216	X	0	0	0	%100
234	M216	Z	2.787	2.787	0	%100
235	M217	X	0	0	0	%100
236	M217	Z	2.787	2.787	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft,F...	Start Location[ft.%,]	End Location[ft.%,]
1	M1	X	-.45	-.45	0	%100
2	M1	Z	.78	.78	0	%100
3	M3	X	-.418	-.418	0	%100
4	M3	Z	.725	.725	0	%100
5	M4	X	-.45	-.45	0	%100
6	M4	Z	.78	.78	0	%100
7	M6	X	-.418	-.418	0	%100
8	M6	Z	.725	.725	0	%100
9	M7	X	-1.8	-1.8	0	%100
10	M7	Z	3.118	3.118	0	%100
11	M9	X	0	0	0	%100
12	M9	Z	0	0	0	%100
13	M10	X	-1.183	-1.183	0	%100
14	M10	Z	2.05	2.05	0	%100
15	M11	X	-1.183	-1.183	0	%100
16	M11	Z	2.05	2.05	0	%100
17	M12	X	0	0	0	%100
18	M12	Z	0	0	0	%100
19	MP5B	X	-1.307	-1.307	0	%100
20	MP5B	Z	2.264	2.264	0	%100
21	MP5A	X	-1.307	-1.307	0	%100
22	MP5A	Z	2.264	2.264	0	%100
23	MP5C	X	-1.307	-1.307	0	%100
24	MP5C	Z	2.264	2.264	0	%100
25	M16	X	-.916	-.916	0	%100
26	M16	Z	1.587	1.587	0	%100
27	M18	X	-.916	-.916	0	%100
28	M18	Z	1.587	1.587	0	%100
29	M19	X	-.916	-.916	0	%100
30	M19	Z	1.587	1.587	0	%100
31	M20	X	-.916	-.916	0	%100
32	M20	Z	1.587	1.587	0	%100
33	M21	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[ft.%]	End Location[ft.%]
34	M21	Z	0	0	0	%100
35	M22	X	0	0	0	%100
36	M22	Z	0	0	0	%100
37	M23	X	-1.535	-1.535	0	%100
38	M23	Z	2.658	2.658	0	%100
39	M24	X	-1.535	-1.535	0	%100
40	M24	Z	2.658	2.658	0	%100
41	M25	X	0	0	0	%100
42	M25	Z	0	0	0	%100
43	M26	X	-0.916	-0.916	0	%100
44	M26	Z	1.587	1.587	0	%100
45	M27	X	-0.916	-0.916	0	%100
46	M27	Z	1.587	1.587	0	%100
47	M28	X	-0.916	-0.916	0	%100
48	M28	Z	1.587	1.587	0	%100
49	M29	X	-0.916	-0.916	0	%100
50	M29	Z	1.587	1.587	0	%100
51	M30	X	0	0	0	%100
52	M30	Z	0	0	0	%100
53	M31	X	0	0	0	%100
54	M31	Z	0	0	0	%100
55	M32	X	-1.535	-1.535	0	%100
56	M32	Z	2.658	2.658	0	%100
57	M33	X	-1.535	-1.535	0	%100
58	M33	Z	2.658	2.658	0	%100
59	M34	X	0	0	0	%100
60	M34	Z	0	0	0	%100
61	M35	X	-0.916	-0.916	0	%100
62	M35	Z	1.587	1.587	0	%100
63	M36	X	-0.916	-0.916	0	%100
64	M36	Z	1.587	1.587	0	%100
65	M37	X	-0.916	-0.916	0	%100
66	M37	Z	1.587	1.587	0	%100
67	M38	X	-0.916	-0.916	0	%100
68	M38	Z	1.587	1.587	0	%100
69	M39	X	0	0	0	%100
70	M39	Z	0	0	0	%100
71	M40	X	0	0	0	%100
72	M40	Z	0	0	0	%100
73	M41	X	-1.192	-1.192	0	%100
74	M41	Z	2.064	2.064	0	%100
75	M201	X	-1.192	-1.192	0	%100
76	M201	Z	2.064	2.064	0	%100
77	M50	X	-1.192	-1.192	0	%100
78	M50	Z	2.064	2.064	0	%100
79	M44	X	-1.192	-1.192	0	%100
80	M44	Z	2.064	2.064	0	%100
81	M45	X	-1.192	-1.192	0	%100
82	M45	Z	2.064	2.064	0	%100
83	M203	X	-1.192	-1.192	0	%100
84	M203	Z	2.064	2.064	0	%100
85	M200	X	-1.192	-1.192	0	%100
86	M200	Z	2.064	2.064	0	%100
87	M48	X	-1.192	-1.192	0	%100
88	M48	Z	2.064	2.064	0	%100
89	M49	X	-1.192	-1.192	0	%100
90	M49	Z	2.064	2.064	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
91	M202	X	-1.192	-1.192	0	%100
92	M202	Z	2.064	2.064	0	%100
93	M51	X	-1.192	-1.192	0	%100
94	M51	Z	2.064	2.064	0	%100
95	M52	X	-1.192	-1.192	0	%100
96	M52	Z	2.064	2.064	0	%100
97	M53	X	-1.183	-1.183	0	%100
98	M53	Z	2.05	2.05	0	%100
99	M54	X	-.454	-.454	0	%100
100	M54	Z	.787	.787	0	%100
101	M55	X	-.454	-.454	0	%100
102	M55	Z	.787	.787	0	%100
103	M56	X	-.54	-.54	0	%100
104	M56	Z	.936	.936	0	%100
105	M57	X	-.54	-.54	0	%100
106	M57	Z	.936	.936	0	%100
107	M58	X	-1.578	-1.578	0	%100
108	M58	Z	2.733	2.733	0	%100
109	M61	X	-.121	-.121	0	%100
110	M61	Z	.209	.209	0	%100
111	M62	X	-.121	-.121	0	%100
112	M62	Z	.209	.209	0	%100
113	M67	X	-.121	-.121	0	%100
114	M67	Z	.209	.209	0	%100
115	M68	X	-.121	-.121	0	%100
116	M68	Z	.209	.209	0	%100
117	M73	X	-.121	-.121	0	%100
118	M73	Z	.209	.209	0	%100
119	M74	X	-.121	-.121	0	%100
120	M74	Z	.209	.209	0	%100
121	M79	X	-.121	-.121	0	%100
122	M79	Z	.209	.209	0	%100
123	M80	X	-.121	-.121	0	%100
124	M80	Z	.209	.209	0	%100
125	M85	X	-.121	-.121	0	%100
126	M85	Z	.209	.209	0	%100
127	M86	X	-.121	-.121	0	%100
128	M86	Z	.209	.209	0	%100
129	M91	X	-.121	-.121	0	%100
130	M91	Z	.209	.209	0	%100
131	M92	X	-.121	-.121	0	%100
132	M92	Z	.209	.209	0	%100
133	M97	X	-.121	-.121	0	%100
134	M97	Z	.209	.209	0	%100
135	M98	X	-.121	-.121	0	%100
136	M98	Z	.209	.209	0	%100
137	M103	X	-.121	-.121	0	%100
138	M103	Z	.209	.209	0	%100
139	M104	X	-.121	-.121	0	%100
140	M104	Z	.209	.209	0	%100
141	M109	X	-.121	-.121	0	%100
142	M109	Z	.209	.209	0	%100
143	M110	X	-.121	-.121	0	%100
144	M110	Z	.209	.209	0	%100
145	M115	X	-.121	-.121	0	%100
146	M115	Z	.209	.209	0	%100
147	M116	X	-.121	-.121	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft,F....]	Start Location[ft.%]	End Location[ft.%]
148	M116	Z	.209	.209	0	%100
149	M121	X	-.121	-.121	0	%100
150	M121	Z	.209	.209	0	%100
151	M122	X	-.121	-.121	0	%100
152	M122	Z	.209	.209	0	%100
153	M127	X	-.121	-.121	0	%100
154	M127	Z	.209	.209	0	%100
155	M128	X	-.121	-.121	0	%100
156	M128	Z	.209	.209	0	%100
157	M133	X	-.483	-.483	0	%100
158	M133	Z	.836	.836	0	%100
159	M134	X	-.483	-.483	0	%100
160	M134	Z	.836	.836	0	%100
161	M139	X	-.483	-.483	0	%100
162	M139	Z	.836	.836	0	%100
163	M140	X	-.483	-.483	0	%100
164	M140	Z	.836	.836	0	%100
165	M145	X	-.483	-.483	0	%100
166	M145	Z	.836	.836	0	%100
167	M146	X	-.483	-.483	0	%100
168	M146	Z	.836	.836	0	%100
169	M151	X	-.483	-.483	0	%100
170	M151	Z	.836	.836	0	%100
171	M152	X	-.483	-.483	0	%100
172	M152	Z	.836	.836	0	%100
173	M157	X	-.483	-.483	0	%100
174	M157	Z	.836	.836	0	%100
175	M158	X	-.483	-.483	0	%100
176	M158	Z	.836	.836	0	%100
177	M163	X	-.483	-.483	0	%100
178	M163	Z	.836	.836	0	%100
179	M164	X	-.483	-.483	0	%100
180	M164	Z	.836	.836	0	%100
181	MP2A	X	-1.309	-1.309	0	%100
182	MP2A	Z	2.267	2.267	0	%100
183	MP1A	X	-1.309	-1.309	0	%100
184	MP1A	Z	2.267	2.267	0	%100
185	MP4A	X	-1.309	-1.309	0	%100
186	MP4A	Z	2.267	2.267	0	%100
187	MP2C	X	-1.309	-1.309	0	%100
188	MP2C	Z	2.267	2.267	0	%100
189	MP1C	X	-1.309	-1.309	0	%100
190	MP1C	Z	2.267	2.267	0	%100
191	MP4C	X	-1.309	-1.309	0	%100
192	MP4C	Z	2.267	2.267	0	%100
193	MP2B	X	-1.309	-1.309	0	%100
194	MP2B	Z	2.267	2.267	0	%100
195	MP1B	X	-1.309	-1.309	0	%100
196	MP1B	Z	2.267	2.267	0	%100
197	MP4B	X	-1.309	-1.309	0	%100
198	MP4B	Z	2.267	2.267	0	%100
199	MP3A	X	-1.309	-1.309	0	%100
200	MP3A	Z	2.267	2.267	0	%100
201	MP3C	X	-1.309	-1.309	0	%100
202	MP3C	Z	2.267	2.267	0	%100
203	MP3B	X	-1.309	-1.309	0	%100
204	MP3B	Z	2.267	2.267	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
205	M185A	X	-.304	-.304	0	%100
206	M185A	Z	.527	.527	0	%100
207	M186	X	-.304	-.304	0	%100
208	M186	Z	.527	.527	0	%100
209	M187	X	-.913	-.913	0	%100
210	M187	Z	1.581	1.581	0	%100
211	M188	X	-.913	-.913	0	%100
212	M188	Z	1.581	1.581	0	%100
213	M188A	X	-1.202	-1.202	0	%100
214	M188A	Z	2.082	2.082	0	%100
215	M189	X	-.304	-.304	0	%100
216	M189	Z	.527	.527	0	%100
217	M190	X	-.304	-.304	0	%100
218	M190	Z	.527	.527	0	%100
219	M197	X	-1.087	-1.087	0	%100
220	M197	Z	1.883	1.883	0	%100
221	M196	X	-1.087	-1.087	0	%100
222	M196	Z	1.883	1.883	0	%100
223	M201A	X	0	0	0	%100
224	M201A	Z	0	0	0	%100
225	M212	X	-1.117	-1.117	0	%100
226	M212	Z	1.934	1.934	0	%100
227	M213	X	-1.117	-1.117	0	%100
228	M213	Z	1.934	1.934	0	%100
229	M214	X	-1.117	-1.117	0	%100
230	M214	Z	1.934	1.934	0	%100
231	M215	X	-1.117	-1.117	0	%100
232	M215	Z	1.934	1.934	0	%100
233	M216	X	-1.531	-1.531	0	%100
234	M216	Z	2.653	2.653	0	%100
235	M217	X	-1.531	-1.531	0	%100
236	M217	Z	2.653	2.653	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M1	X	-2.339	-2.339	0	%100
2	M1	Z	1.35	1.35	0	%100
3	M3	X	-.242	-.242	0	%100
4	M3	Z	.139	.139	0	%100
5	M4	X	0	0	0	%100
6	M4	Z	0	0	0	%100
7	M6	X	-.966	-.966	0	%100
8	M6	Z	.558	.558	0	%100
9	M7	X	-2.339	-2.339	0	%100
10	M7	Z	1.35	1.35	0	%100
11	M9	X	-.242	-.242	0	%100
12	M9	Z	.139	.139	0	%100
13	M10	X	-.683	-.683	0	%100
14	M10	Z	.394	.394	0	%100
15	M11	X	-2.733	-2.733	0	%100
16	M11	Z	1.578	1.578	0	%100
17	M12	X	-.683	-.683	0	%100
18	M12	Z	.394	.394	0	%100
19	MP5B	X	-2.264	-2.264	0	%100
20	MP5B	Z	1.307	1.307	0	%100
21	MP5A	X	-2.264	-2.264	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft,F....]	Start Location[ft, %]	End Location[ft, %]
22	MP5A	Z	1.307	1.307	0	%100
23	MP5C	X	-2.264	-2.264	0	%100
24	MP5C	Z	1.307	1.307	0	%100
25	M16	X	-.529	-.529	0	%100
26	M16	Z	.305	.305	0	%100
27	M18	X	-.529	-.529	0	%100
28	M18	Z	.305	.305	0	%100
29	M19	X	-2.116	-2.116	0	%100
30	M19	Z	1.222	1.222	0	%100
31	M20	X	-2.116	-2.116	0	%100
32	M20	Z	1.222	1.222	0	%100
33	M21	X	-.529	-.529	0	%100
34	M21	Z	.305	.305	0	%100
35	M22	X	-.529	-.529	0	%100
36	M22	Z	.305	.305	0	%100
37	M23	X	-.886	-.886	0	%100
38	M23	Z	.512	.512	0	%100
39	M24	X	-3.544	-3.544	0	%100
40	M24	Z	2.046	2.046	0	%100
41	M25	X	-.886	-.886	0	%100
42	M25	Z	.512	.512	0	%100
43	M26	X	-.529	-.529	0	%100
44	M26	Z	.305	.305	0	%100
45	M27	X	-.529	-.529	0	%100
46	M27	Z	.305	.305	0	%100
47	M28	X	-2.116	-2.116	0	%100
48	M28	Z	1.222	1.222	0	%100
49	M29	X	-2.116	-2.116	0	%100
50	M29	Z	1.222	1.222	0	%100
51	M30	X	-.529	-.529	0	%100
52	M30	Z	.305	.305	0	%100
53	M31	X	-.529	-.529	0	%100
54	M31	Z	.305	.305	0	%100
55	M32	X	-.886	-.886	0	%100
56	M32	Z	.512	.512	0	%100
57	M33	X	-3.544	-3.544	0	%100
58	M33	Z	2.046	2.046	0	%100
59	M34	X	-.886	-.886	0	%100
60	M34	Z	.512	.512	0	%100
61	M35	X	-.529	-.529	0	%100
62	M35	Z	.305	.305	0	%100
63	M36	X	-.529	-.529	0	%100
64	M36	Z	.305	.305	0	%100
65	M37	X	-2.116	-2.116	0	%100
66	M37	Z	1.222	1.222	0	%100
67	M38	X	-2.116	-2.116	0	%100
68	M38	Z	1.222	1.222	0	%100
69	M39	X	-.529	-.529	0	%100
70	M39	Z	.305	.305	0	%100
71	M40	X	-.529	-.529	0	%100
72	M40	Z	.305	.305	0	%100
73	M41	X	-2.064	-2.064	0	%100
74	M41	Z	1.192	1.192	0	%100
75	M201	X	-2.064	-2.064	0	%100
76	M201	Z	1.192	1.192	0	%100
77	M50	X	-2.064	-2.064	0	%100
78	M50	Z	1.192	1.192	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
79	M44	X	-2.064	-2.064	0	%100
80	M44	Z	1.192	1.192	0	%100
81	M45	X	-2.064	-2.064	0	%100
82	M45	Z	1.192	1.192	0	%100
83	M203	X	-2.064	-2.064	0	%100
84	M203	Z	1.192	1.192	0	%100
85	M200	X	-2.064	-2.064	0	%100
86	M200	Z	1.192	1.192	0	%100
87	M48	X	-2.064	-2.064	0	%100
88	M48	Z	1.192	1.192	0	%100
89	M49	X	-2.064	-2.064	0	%100
90	M49	Z	1.192	1.192	0	%100
91	M202	X	-2.064	-2.064	0	%100
92	M202	Z	1.192	1.192	0	%100
93	M51	X	-2.064	-2.064	0	%100
94	M51	Z	1.192	1.192	0	%100
95	M52	X	-2.064	-2.064	0	%100
96	M52	Z	1.192	1.192	0	%100
97	M53	X	-.683	-.683	0	%100
98	M53	Z	.394	.394	0	%100
99	M54	X	-2.36	-2.36	0	%100
100	M54	Z	1.363	1.363	0	%100
101	M55	X	-2.36	-2.36	0	%100
102	M55	Z	1.363	1.363	0	%100
103	M56	X	-.337	-.337	0	%100
104	M56	Z	.195	.195	0	%100
105	M57	X	-2.134	-2.134	0	%100
106	M57	Z	1.232	1.232	0	%100
107	M58	X	-2.134	-2.134	0	%100
108	M58	Z	1.232	1.232	0	%100
109	M61	X	-.627	-.627	0	%100
110	M61	Z	.362	.362	0	%100
111	M62	X	-.627	-.627	0	%100
112	M62	Z	.362	.362	0	%100
113	M67	X	-.627	-.627	0	%100
114	M67	Z	.362	.362	0	%100
115	M68	X	-.627	-.627	0	%100
116	M68	Z	.362	.362	0	%100
117	M73	X	-.627	-.627	0	%100
118	M73	Z	.362	.362	0	%100
119	M74	X	-.627	-.627	0	%100
120	M74	Z	.362	.362	0	%100
121	M79	X	-.627	-.627	0	%100
122	M79	Z	.362	.362	0	%100
123	M80	X	-.627	-.627	0	%100
124	M80	Z	.362	.362	0	%100
125	M85	X	-.627	-.627	0	%100
126	M85	Z	.362	.362	0	%100
127	M86	X	-.627	-.627	0	%100
128	M86	Z	.362	.362	0	%100
129	M91	X	-.627	-.627	0	%100
130	M91	Z	.362	.362	0	%100
131	M92	X	-.627	-.627	0	%100
132	M92	Z	.362	.362	0	%100
133	M97	X	0	0	0	%100
134	M97	Z	0	0	0	%100
135	M98	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft,F....]	Start Location[ft.%]	End Location[ft.%]
136	M98	Z	0	0	0	%100
137	M103	X	0	0	0	%100
138	M103	Z	0	0	0	%100
139	M104	X	0	0	0	%100
140	M104	Z	0	0	0	%100
141	M109	X	0	0	0	%100
142	M109	Z	0	0	0	%100
143	M110	X	0	0	0	%100
144	M110	Z	0	0	0	%100
145	M115	X	0	0	0	%100
146	M115	Z	0	0	0	%100
147	M116	X	0	0	0	%100
148	M116	Z	0	0	0	%100
149	M121	X	0	0	0	%100
150	M121	Z	0	0	0	%100
151	M122	X	0	0	0	%100
152	M122	Z	0	0	0	%100
153	M127	X	0	0	0	%100
154	M127	Z	0	0	0	%100
155	M128	X	0	0	0	%100
156	M128	Z	0	0	0	%100
157	M133	X	-.627	-.627	0	%100
158	M133	Z	.362	.362	0	%100
159	M134	X	-.627	-.627	0	%100
160	M134	Z	.362	.362	0	%100
161	M139	X	-.627	-.627	0	%100
162	M139	Z	.362	.362	0	%100
163	M140	X	-.627	-.627	0	%100
164	M140	Z	.362	.362	0	%100
165	M145	X	-.627	-.627	0	%100
166	M145	Z	.362	.362	0	%100
167	M146	X	-.627	-.627	0	%100
168	M146	Z	.362	.362	0	%100
169	M151	X	-.627	-.627	0	%100
170	M151	Z	.362	.362	0	%100
171	M152	X	-.627	-.627	0	%100
172	M152	Z	.362	.362	0	%100
173	M157	X	-.627	-.627	0	%100
174	M157	Z	.362	.362	0	%100
175	M158	X	-.627	-.627	0	%100
176	M158	Z	.362	.362	0	%100
177	M163	X	-.627	-.627	0	%100
178	M163	Z	.362	.362	0	%100
179	M164	X	-.627	-.627	0	%100
180	M164	Z	.362	.362	0	%100
181	MP2A	X	-2.267	-2.267	0	%100
182	MP2A	Z	1.309	1.309	0	%100
183	MP1A	X	-2.267	-2.267	0	%100
184	MP1A	Z	1.309	1.309	0	%100
185	MP4A	X	-2.267	-2.267	0	%100
186	MP4A	Z	1.309	1.309	0	%100
187	MP2C	X	-2.267	-2.267	0	%100
188	MP2C	Z	1.309	1.309	0	%100
189	MP1C	X	-2.267	-2.267	0	%100
190	MP1C	Z	1.309	1.309	0	%100
191	MP4C	X	-2.267	-2.267	0	%100
192	MP4C	Z	1.309	1.309	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
193	MP2B	X	-2.267	-2.267	0	%100
194	MP2B	Z	1.309	1.309	0	%100
195	MP1B	X	-2.267	-2.267	0	%100
196	MP1B	Z	1.309	1.309	0	%100
197	MP4B	X	-2.267	-2.267	0	%100
198	MP4B	Z	1.309	1.309	0	%100
199	MP3A	X	-2.267	-2.267	0	%100
200	MP3A	Z	1.309	1.309	0	%100
201	MP3C	X	-2.267	-2.267	0	%100
202	MP3C	Z	1.309	1.309	0	%100
203	MP3B	X	-2.267	-2.267	0	%100
204	MP3B	Z	1.309	1.309	0	%100
205	M185A	X	-1.581	-1.581	0	%100
206	M185A	Z	.913	.913	0	%100
207	M186	X	-1.581	-1.581	0	%100
208	M186	Z	.913	.913	0	%100
209	M187	X	-.527	-.527	0	%100
210	M187	Z	.304	.304	0	%100
211	M188	X	-.527	-.527	0	%100
212	M188	Z	.304	.304	0	%100
213	M188A	X	-2.082	-2.082	0	%100
214	M188A	Z	1.202	1.202	0	%100
215	M189	X	-1.581	-1.581	0	%100
216	M189	Z	.913	.913	0	%100
217	M190	X	-1.581	-1.581	0	%100
218	M190	Z	.913	.913	0	%100
219	M197	X	-.628	-.628	0	%100
220	M197	Z	.362	.362	0	%100
221	M196	X	-2.51	-2.51	0	%100
222	M196	Z	1.449	1.449	0	%100
223	M201A	X	-.628	-.628	0	%100
224	M201A	Z	.362	.362	0	%100
225	M212	X	-2.413	-2.413	0	%100
226	M212	Z	1.393	1.393	0	%100
227	M213	X	-2.413	-2.413	0	%100
228	M213	Z	1.393	1.393	0	%100
229	M214	X	-1.695	-1.695	0	%100
230	M214	Z	.979	.979	0	%100
231	M215	X	-1.695	-1.695	0	%100
232	M215	Z	.979	.979	0	%100
233	M216	X	-2.413	-2.413	0	%100
234	M216	Z	1.393	1.393	0	%100
235	M217	X	-2.413	-2.413	0	%100
236	M217	Z	1.393	1.393	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M1	X	-3.601	-3.601	0	%100
2	M1	Z	0	0	0	%100
3	M3	X	0	0	0	%100
4	M3	Z	0	0	0	%100
5	M4	X	-.9	-.9	0	%100
6	M4	Z	0	0	0	%100
7	M6	X	-.837	-.837	0	%100
8	M6	Z	0	0	0	%100
9	M7	X	-.9	-.9	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft,F....]	Start Location[ft.%]	End Location[ft.%]
10	M7	Z	0	0	0	%100
11	M9	X	-0.837	-0.837	0	%100
12	M9	Z	0	0	0	%100
13	M10	X	0	0	0	%100
14	M10	Z	0	0	0	%100
15	M11	X	-2.367	-2.367	0	%100
16	M11	Z	0	0	0	%100
17	M12	X	-2.367	-2.367	0	%100
18	M12	Z	0	0	0	%100
19	MP5B	X	-2.614	-2.614	0	%100
20	MP5B	Z	0	0	0	%100
21	MP5A	X	-2.614	-2.614	0	%100
22	MP5A	Z	0	0	0	%100
23	MP5C	X	-2.614	-2.614	0	%100
24	MP5C	Z	0	0	0	%100
25	M16	X	0	0	0	%100
26	M16	Z	0	0	0	%100
27	M18	X	0	0	0	%100
28	M18	Z	0	0	0	%100
29	M19	X	-1.833	-1.833	0	%100
30	M19	Z	0	0	0	%100
31	M20	X	-1.833	-1.833	0	%100
32	M20	Z	0	0	0	%100
33	M21	X	-1.833	-1.833	0	%100
34	M21	Z	0	0	0	%100
35	M22	X	-1.833	-1.833	0	%100
36	M22	Z	0	0	0	%100
37	M23	X	0	0	0	%100
38	M23	Z	0	0	0	%100
39	M24	X	-3.069	-3.069	0	%100
40	M24	Z	0	0	0	%100
41	M25	X	-3.069	-3.069	0	%100
42	M25	Z	0	0	0	%100
43	M26	X	0	0	0	%100
44	M26	Z	0	0	0	%100
45	M27	X	0	0	0	%100
46	M27	Z	0	0	0	%100
47	M28	X	-1.833	-1.833	0	%100
48	M28	Z	0	0	0	%100
49	M29	X	-1.833	-1.833	0	%100
50	M29	Z	0	0	0	%100
51	M30	X	-1.833	-1.833	0	%100
52	M30	Z	0	0	0	%100
53	M31	X	-1.833	-1.833	0	%100
54	M31	Z	0	0	0	%100
55	M32	X	0	0	0	%100
56	M32	Z	0	0	0	%100
57	M33	X	-3.069	-3.069	0	%100
58	M33	Z	0	0	0	%100
59	M34	X	-3.069	-3.069	0	%100
60	M34	Z	0	0	0	%100
61	M35	X	0	0	0	%100
62	M35	Z	0	0	0	%100
63	M36	X	0	0	0	%100
64	M36	Z	0	0	0	%100
65	M37	X	-1.833	-1.833	0	%100
66	M37	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft,F...	Start Location[ft.%]	End Location[ft.%]
67	M38	X	-1.833	-1.833	0	%100
68	M38	Z	0	0	0	%100
69	M39	X	-1.833	-1.833	0	%100
70	M39	Z	0	0	0	%100
71	M40	X	-1.833	-1.833	0	%100
72	M40	Z	0	0	0	%100
73	M41	X	-2.383	-2.383	0	%100
74	M41	Z	0	0	0	%100
75	M201	X	-2.383	-2.383	0	%100
76	M201	Z	0	0	0	%100
77	M50	X	-2.383	-2.383	0	%100
78	M50	Z	0	0	0	%100
79	M44	X	-2.383	-2.383	0	%100
80	M44	Z	0	0	0	%100
81	M45	X	-2.383	-2.383	0	%100
82	M45	Z	0	0	0	%100
83	M203	X	-2.383	-2.383	0	%100
84	M203	Z	0	0	0	%100
85	M200	X	-2.383	-2.383	0	%100
86	M200	Z	0	0	0	%100
87	M48	X	-2.383	-2.383	0	%100
88	M48	Z	0	0	0	%100
89	M49	X	-2.383	-2.383	0	%100
90	M49	Z	0	0	0	%100
91	M202	X	-2.383	-2.383	0	%100
92	M202	Z	0	0	0	%100
93	M51	X	-2.383	-2.383	0	%100
94	M51	Z	0	0	0	%100
95	M52	X	-2.383	-2.383	0	%100
96	M52	Z	0	0	0	%100
97	M53	X	0	0	0	%100
98	M53	Z	0	0	0	%100
99	M54	X	-3.634	-3.634	0	%100
100	M54	Z	0	0	0	%100
101	M55	X	-3.634	-3.634	0	%100
102	M55	Z	0	0	0	%100
103	M56	X	-1.081	-1.081	0	%100
104	M56	Z	0	0	0	%100
105	M57	X	-3.156	-3.156	0	%100
106	M57	Z	0	0	0	%100
107	M58	X	-1.081	-1.081	0	%100
108	M58	Z	0	0	0	%100
109	M61	X	-.965	-.965	0	%100
110	M61	Z	0	0	0	%100
111	M62	X	-.965	-.965	0	%100
112	M62	Z	0	0	0	%100
113	M67	X	-.965	-.965	0	%100
114	M67	Z	0	0	0	%100
115	M68	X	-.965	-.965	0	%100
116	M68	Z	0	0	0	%100
117	M73	X	-.965	-.965	0	%100
118	M73	Z	0	0	0	%100
119	M74	X	-.965	-.965	0	%100
120	M74	Z	0	0	0	%100
121	M79	X	-.965	-.965	0	%100
122	M79	Z	0	0	0	%100
123	M80	X	-.965	-.965	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft,F....]	Start Location[ft.%]	End Location[ft.%]
124	M80	Z	0	0	0	%100
125	M85	X	-.965	-.965	0	%100
126	M85	Z	0	0	0	%100
127	M86	X	-.965	-.965	0	%100
128	M86	Z	0	0	0	%100
129	M91	X	-.965	-.965	0	%100
130	M91	Z	0	0	0	%100
131	M92	X	-.965	-.965	0	%100
132	M92	Z	0	0	0	%100
133	M97	X	-.241	-.241	0	%100
134	M97	Z	0	0	0	%100
135	M98	X	-.241	-.241	0	%100
136	M98	Z	0	0	0	%100
137	M103	X	-.241	-.241	0	%100
138	M103	Z	0	0	0	%100
139	M104	X	-.241	-.241	0	%100
140	M104	Z	0	0	0	%100
141	M109	X	-.241	-.241	0	%100
142	M109	Z	0	0	0	%100
143	M110	X	-.241	-.241	0	%100
144	M110	Z	0	0	0	%100
145	M115	X	-.241	-.241	0	%100
146	M115	Z	0	0	0	%100
147	M116	X	-.241	-.241	0	%100
148	M116	Z	0	0	0	%100
149	M121	X	-.241	-.241	0	%100
150	M121	Z	0	0	0	%100
151	M122	X	-.241	-.241	0	%100
152	M122	Z	0	0	0	%100
153	M127	X	-.241	-.241	0	%100
154	M127	Z	0	0	0	%100
155	M128	X	-.241	-.241	0	%100
156	M128	Z	0	0	0	%100
157	M133	X	-.241	-.241	0	%100
158	M133	Z	0	0	0	%100
159	M134	X	-.241	-.241	0	%100
160	M134	Z	0	0	0	%100
161	M139	X	-.241	-.241	0	%100
162	M139	Z	0	0	0	%100
163	M140	X	-.241	-.241	0	%100
164	M140	Z	0	0	0	%100
165	M145	X	-.241	-.241	0	%100
166	M145	Z	0	0	0	%100
167	M146	X	-.241	-.241	0	%100
168	M146	Z	0	0	0	%100
169	M151	X	-.241	-.241	0	%100
170	M151	Z	0	0	0	%100
171	M152	X	-.241	-.241	0	%100
172	M152	Z	0	0	0	%100
173	M157	X	-.241	-.241	0	%100
174	M157	Z	0	0	0	%100
175	M158	X	-.241	-.241	0	%100
176	M158	Z	0	0	0	%100
177	M163	X	-.241	-.241	0	%100
178	M163	Z	0	0	0	%100
179	M164	X	-.241	-.241	0	%100
180	M164	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
181	MP2A	X	-2.618	-2.618	0	%100
182	MP2A	Z	0	0	0	%100
183	MP1A	X	-2.618	-2.618	0	%100
184	MP1A	Z	0	0	0	%100
185	MP4A	X	-2.618	-2.618	0	%100
186	MP4A	Z	0	0	0	%100
187	MP2C	X	-2.618	-2.618	0	%100
188	MP2C	Z	0	0	0	%100
189	MP1C	X	-2.618	-2.618	0	%100
190	MP1C	Z	0	0	0	%100
191	MP4C	X	-2.618	-2.618	0	%100
192	MP4C	Z	0	0	0	%100
193	MP2B	X	-2.618	-2.618	0	%100
194	MP2B	Z	0	0	0	%100
195	MP1B	X	-2.618	-2.618	0	%100
196	MP1B	Z	0	0	0	%100
197	MP4B	X	-2.618	-2.618	0	%100
198	MP4B	Z	0	0	0	%100
199	MP3A	X	-2.618	-2.618	0	%100
200	MP3A	Z	0	0	0	%100
201	MP3C	X	-2.618	-2.618	0	%100
202	MP3C	Z	0	0	0	%100
203	MP3B	X	-2.618	-2.618	0	%100
204	MP3B	Z	0	0	0	%100
205	M185A	X	-2.434	-2.434	0	%100
206	M185A	Z	0	0	0	%100
207	M186	X	-2.434	-2.434	0	%100
208	M186	Z	0	0	0	%100
209	M187	X	0	0	0	%100
210	M187	Z	0	0	0	%100
211	M188	X	0	0	0	%100
212	M188	Z	0	0	0	%100
213	M188A	X	-2.404	-2.404	0	%100
214	M188A	Z	0	0	0	%100
215	M189	X	-2.434	-2.434	0	%100
216	M189	Z	0	0	0	%100
217	M190	X	-2.434	-2.434	0	%100
218	M190	Z	0	0	0	%100
219	M197	X	0	0	0	%100
220	M197	Z	0	0	0	%100
221	M196	X	-2.174	-2.174	0	%100
222	M196	Z	0	0	0	%100
223	M201A	X	-2.174	-2.174	0	%100
224	M201A	Z	0	0	0	%100
225	M212	X	-3.063	-3.063	0	%100
226	M212	Z	0	0	0	%100
227	M213	X	-3.063	-3.063	0	%100
228	M213	Z	0	0	0	%100
229	M214	X	-2.234	-2.234	0	%100
230	M214	Z	0	0	0	%100
231	M215	X	-2.234	-2.234	0	%100
232	M215	Z	0	0	0	%100
233	M216	X	-2.234	-2.234	0	%100
234	M216	Z	0	0	0	%100
235	M217	X	-2.234	-2.234	0	%100
236	M217	Z	0	0	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M1	X	-2.339	-2.339	0	%100
2	M1	Z	-1.35	-1.35	0	%100
3	M3	X	-.242	-.242	0	%100
4	M3	Z	-.139	-.139	0	%100
5	M4	X	-2.339	-2.339	0	%100
6	M4	Z	-1.35	-1.35	0	%100
7	M6	X	-.242	-.242	0	%100
8	M6	Z	-.139	-.139	0	%100
9	M7	X	0	0	0	%100
10	M7	Z	0	0	0	%100
11	M9	X	-.966	-.966	0	%100
12	M9	Z	-.558	-.558	0	%100
13	M10	X	-.683	-.683	0	%100
14	M10	Z	-.394	-.394	0	%100
15	M11	X	-.683	-.683	0	%100
16	M11	Z	-.394	-.394	0	%100
17	M12	X	-2.733	-2.733	0	%100
18	M12	Z	-1.578	-1.578	0	%100
19	MP5B	X	-2.264	-2.264	0	%100
20	MP5B	Z	-1.307	-1.307	0	%100
21	MP5A	X	-2.264	-2.264	0	%100
22	MP5A	Z	-1.307	-1.307	0	%100
23	MP5C	X	-2.264	-2.264	0	%100
24	MP5C	Z	-1.307	-1.307	0	%100
25	M16	X	-.529	-.529	0	%100
26	M16	Z	-.305	-.305	0	%100
27	M18	X	-.529	-.529	0	%100
28	M18	Z	-.305	-.305	0	%100
29	M19	X	-.529	-.529	0	%100
30	M19	Z	-.305	-.305	0	%100
31	M20	X	-.529	-.529	0	%100
32	M20	Z	-.305	-.305	0	%100
33	M21	X	-2.116	-2.116	0	%100
34	M21	Z	-1.222	-1.222	0	%100
35	M22	X	-2.116	-2.116	0	%100
36	M22	Z	-1.222	-1.222	0	%100
37	M23	X	-.886	-.886	0	%100
38	M23	Z	-.512	-.512	0	%100
39	M24	X	-.886	-.886	0	%100
40	M24	Z	-.512	-.512	0	%100
41	M25	X	-3.544	-3.544	0	%100
42	M25	Z	-2.046	-2.046	0	%100
43	M26	X	-.529	-.529	0	%100
44	M26	Z	-.305	-.305	0	%100
45	M27	X	-.529	-.529	0	%100
46	M27	Z	-.305	-.305	0	%100
47	M28	X	-.529	-.529	0	%100
48	M28	Z	-.305	-.305	0	%100
49	M29	X	-.529	-.529	0	%100
50	M29	Z	-.305	-.305	0	%100
51	M30	X	-2.116	-2.116	0	%100
52	M30	Z	-1.222	-1.222	0	%100
53	M31	X	-2.116	-2.116	0	%100
54	M31	Z	-1.222	-1.222	0	%100
55	M32	X	-.886	-.886	0	%100
56	M32	Z	-.512	-.512	0	%100
57	M33	X	-.886	-.886	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft,F....]	Start Location[ft.%]	End Location[ft.%]
58	M33	Z	-.512	-.512	0	%100
59	M34	X	-3.544	-3.544	0	%100
60	M34	Z	-2.046	-2.046	0	%100
61	M35	X	-.529	-.529	0	%100
62	M35	Z	-.305	-.305	0	%100
63	M36	X	-.529	-.529	0	%100
64	M36	Z	-.305	-.305	0	%100
65	M37	X	-.529	-.529	0	%100
66	M37	Z	-.305	-.305	0	%100
67	M38	X	-.529	-.529	0	%100
68	M38	Z	-.305	-.305	0	%100
69	M39	X	-2.116	-2.116	0	%100
70	M39	Z	-1.222	-1.222	0	%100
71	M40	X	-2.116	-2.116	0	%100
72	M40	Z	-1.222	-1.222	0	%100
73	M41	X	-2.064	-2.064	0	%100
74	M41	Z	-1.192	-1.192	0	%100
75	M201	X	-2.064	-2.064	0	%100
76	M201	Z	-1.192	-1.192	0	%100
77	M50	X	-2.064	-2.064	0	%100
78	M50	Z	-1.192	-1.192	0	%100
79	M44	X	-2.064	-2.064	0	%100
80	M44	Z	-1.192	-1.192	0	%100
81	M45	X	-2.064	-2.064	0	%100
82	M45	Z	-1.192	-1.192	0	%100
83	M203	X	-2.064	-2.064	0	%100
84	M203	Z	-1.192	-1.192	0	%100
85	M200	X	-2.064	-2.064	0	%100
86	M200	Z	-1.192	-1.192	0	%100
87	M48	X	-2.064	-2.064	0	%100
88	M48	Z	-1.192	-1.192	0	%100
89	M49	X	-2.064	-2.064	0	%100
90	M49	Z	-1.192	-1.192	0	%100
91	M202	X	-2.064	-2.064	0	%100
92	M202	Z	-1.192	-1.192	0	%100
93	M51	X	-2.064	-2.064	0	%100
94	M51	Z	-1.192	-1.192	0	%100
95	M52	X	-2.064	-2.064	0	%100
96	M52	Z	-1.192	-1.192	0	%100
97	M53	X	-.683	-.683	0	%100
98	M53	Z	-.394	-.394	0	%100
99	M54	X	-2.36	-2.36	0	%100
100	M54	Z	-1.363	-1.363	0	%100
101	M55	X	-2.36	-2.36	0	%100
102	M55	Z	-1.363	-1.363	0	%100
103	M56	X	-2.134	-2.134	0	%100
104	M56	Z	-1.232	-1.232	0	%100
105	M57	X	-2.134	-2.134	0	%100
106	M57	Z	-1.232	-1.232	0	%100
107	M58	X	-.337	-.337	0	%100
108	M58	Z	-.195	-.195	0	%100
109	M61	X	-.627	-.627	0	%100
110	M61	Z	-.362	-.362	0	%100
111	M62	X	-.627	-.627	0	%100
112	M62	Z	-.362	-.362	0	%100
113	M67	X	-.627	-.627	0	%100
114	M67	Z	-.362	-.362	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft,F....]	Start Location[ft.%]	End Location[ft.%]
115	M68	X	-.627	-.627	0	%100
116	M68	Z	-.362	-.362	0	%100
117	M73	X	-.627	-.627	0	%100
118	M73	Z	-.362	-.362	0	%100
119	M74	X	-.627	-.627	0	%100
120	M74	Z	-.362	-.362	0	%100
121	M79	X	-.627	-.627	0	%100
122	M79	Z	-.362	-.362	0	%100
123	M80	X	-.627	-.627	0	%100
124	M80	Z	-.362	-.362	0	%100
125	M85	X	-.627	-.627	0	%100
126	M85	Z	-.362	-.362	0	%100
127	M86	X	-.627	-.627	0	%100
128	M86	Z	-.362	-.362	0	%100
129	M91	X	-.627	-.627	0	%100
130	M91	Z	-.362	-.362	0	%100
131	M92	X	-.627	-.627	0	%100
132	M92	Z	-.362	-.362	0	%100
133	M97	X	-.627	-.627	0	%100
134	M97	Z	-.362	-.362	0	%100
135	M98	X	-.627	-.627	0	%100
136	M98	Z	-.362	-.362	0	%100
137	M103	X	-.627	-.627	0	%100
138	M103	Z	-.362	-.362	0	%100
139	M104	X	-.627	-.627	0	%100
140	M104	Z	-.362	-.362	0	%100
141	M109	X	-.627	-.627	0	%100
142	M109	Z	-.362	-.362	0	%100
143	M110	X	-.627	-.627	0	%100
144	M110	Z	-.362	-.362	0	%100
145	M115	X	-.627	-.627	0	%100
146	M115	Z	-.362	-.362	0	%100
147	M116	X	-.627	-.627	0	%100
148	M116	Z	-.362	-.362	0	%100
149	M121	X	-.627	-.627	0	%100
150	M121	Z	-.362	-.362	0	%100
151	M122	X	-.627	-.627	0	%100
152	M122	Z	-.362	-.362	0	%100
153	M127	X	-.627	-.627	0	%100
154	M127	Z	-.362	-.362	0	%100
155	M128	X	-.627	-.627	0	%100
156	M128	Z	-.362	-.362	0	%100
157	M133	X	0	0	0	%100
158	M133	Z	0	0	0	%100
159	M134	X	0	0	0	%100
160	M134	Z	0	0	0	%100
161	M139	X	0	0	0	%100
162	M139	Z	0	0	0	%100
163	M140	X	0	0	0	%100
164	M140	Z	0	0	0	%100
165	M145	X	0	0	0	%100
166	M145	Z	0	0	0	%100
167	M146	X	0	0	0	%100
168	M146	Z	0	0	0	%100
169	M151	X	0	0	0	%100
170	M151	Z	0	0	0	%100
171	M152	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft,F...]	Start Location[ft.%]	End Location[ft.%]
172	M152	Z	0	0	0	%100
173	M157	X	0	0	0	%100
174	M157	Z	0	0	0	%100
175	M158	X	0	0	0	%100
176	M158	Z	0	0	0	%100
177	M163	X	0	0	0	%100
178	M163	Z	0	0	0	%100
179	M164	X	0	0	0	%100
180	M164	Z	0	0	0	%100
181	MP2A	X	-2.267	-2.267	0	%100
182	MP2A	Z	-1.309	-1.309	0	%100
183	MP1A	X	-2.267	-2.267	0	%100
184	MP1A	Z	-1.309	-1.309	0	%100
185	MP4A	X	-2.267	-2.267	0	%100
186	MP4A	Z	-1.309	-1.309	0	%100
187	MP2C	X	-2.267	-2.267	0	%100
188	MP2C	Z	-1.309	-1.309	0	%100
189	MP1C	X	-2.267	-2.267	0	%100
190	MP1C	Z	-1.309	-1.309	0	%100
191	MP4C	X	-2.267	-2.267	0	%100
192	MP4C	Z	-1.309	-1.309	0	%100
193	MP2B	X	-2.267	-2.267	0	%100
194	MP2B	Z	-1.309	-1.309	0	%100
195	MP1B	X	-2.267	-2.267	0	%100
196	MP1B	Z	-1.309	-1.309	0	%100
197	MP4B	X	-2.267	-2.267	0	%100
198	MP4B	Z	-1.309	-1.309	0	%100
199	MP3A	X	-2.267	-2.267	0	%100
200	MP3A	Z	-1.309	-1.309	0	%100
201	MP3C	X	-2.267	-2.267	0	%100
202	MP3C	Z	-1.309	-1.309	0	%100
203	MP3B	X	-2.267	-2.267	0	%100
204	MP3B	Z	-1.309	-1.309	0	%100
205	M185A	X	-1.581	-1.581	0	%100
206	M185A	Z	-.913	-.913	0	%100
207	M186	X	-1.581	-1.581	0	%100
208	M186	Z	-.913	-.913	0	%100
209	M187	X	-.527	-.527	0	%100
210	M187	Z	-.304	-.304	0	%100
211	M188	X	-.527	-.527	0	%100
212	M188	Z	-.304	-.304	0	%100
213	M188A	X	-2.082	-2.082	0	%100
214	M188A	Z	-1.202	-1.202	0	%100
215	M189	X	-1.581	-1.581	0	%100
216	M189	Z	-.913	-.913	0	%100
217	M190	X	-1.581	-1.581	0	%100
218	M190	Z	-.913	-.913	0	%100
219	M197	X	-.628	-.628	0	%100
220	M197	Z	-.362	-.362	0	%100
221	M196	X	-.628	-.628	0	%100
222	M196	Z	-.362	-.362	0	%100
223	M201A	X	-2.51	-2.51	0	%100
224	M201A	Z	-1.449	-1.449	0	%100
225	M212	X	-2.413	-2.413	0	%100
226	M212	Z	-1.393	-1.393	0	%100
227	M213	X	-2.413	-2.413	0	%100
228	M213	Z	-1.393	-1.393	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
229	M214	X	-2.413	-2.413	0	%100
230	M214	Z	-1.393	-1.393	0	%100
231	M215	X	-2.413	-2.413	0	%100
232	M215	Z	-1.393	-1.393	0	%100
233	M216	X	-1.695	-1.695	0	%100
234	M216	Z	-.979	-.979	0	%100
235	M217	X	-1.695	-1.695	0	%100
236	M217	Z	-.979	-.979	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M1	X	-.45	-.45	0	%100
2	M1	Z	-.78	-.78	0	%100
3	M3	X	-.418	-.418	0	%100
4	M3	Z	-.725	-.725	0	%100
5	M4	X	-1.8	-1.8	0	%100
6	M4	Z	-3.118	-3.118	0	%100
7	M6	X	0	0	0	%100
8	M6	Z	0	0	0	%100
9	M7	X	-.45	-.45	0	%100
10	M7	Z	-.78	-.78	0	%100
11	M9	X	-.418	-.418	0	%100
12	M9	Z	-.725	-.725	0	%100
13	M10	X	-1.183	-1.183	0	%100
14	M10	Z	-2.05	-2.05	0	%100
15	M11	X	0	0	0	%100
16	M11	Z	0	0	0	%100
17	M12	X	-1.183	-1.183	0	%100
18	M12	Z	-2.05	-2.05	0	%100
19	MP5B	X	-1.307	-1.307	0	%100
20	MP5B	Z	-2.264	-2.264	0	%100
21	MP5A	X	-1.307	-1.307	0	%100
22	MP5A	Z	-2.264	-2.264	0	%100
23	MP5C	X	-1.307	-1.307	0	%100
24	MP5C	Z	-2.264	-2.264	0	%100
25	M16	X	-.916	-.916	0	%100
26	M16	Z	-1.587	-1.587	0	%100
27	M18	X	-.916	-.916	0	%100
28	M18	Z	-1.587	-1.587	0	%100
29	M19	X	0	0	0	%100
30	M19	Z	0	0	0	%100
31	M20	X	0	0	0	%100
32	M20	Z	0	0	0	%100
33	M21	X	-.916	-.916	0	%100
34	M21	Z	-1.587	-1.587	0	%100
35	M22	X	-.916	-.916	0	%100
36	M22	Z	-1.587	-1.587	0	%100
37	M23	X	-1.535	-1.535	0	%100
38	M23	Z	-2.658	-2.658	0	%100
39	M24	X	0	0	0	%100
40	M24	Z	0	0	0	%100
41	M25	X	-1.535	-1.535	0	%100
42	M25	Z	-2.658	-2.658	0	%100
43	M26	X	-.916	-.916	0	%100
44	M26	Z	-1.587	-1.587	0	%100
45	M27	X	-.916	-.916	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft,F....]	Start Location[ft.%]	End Location[ft.%]
46	M27	Z	-1.587	-1.587	0	%100
47	M28	X	0	0	0	%100
48	M28	Z	0	0	0	%100
49	M29	X	0	0	0	%100
50	M29	Z	0	0	0	%100
51	M30	X	-.916	-.916	0	%100
52	M30	Z	-1.587	-1.587	0	%100
53	M31	X	-.916	-.916	0	%100
54	M31	Z	-1.587	-1.587	0	%100
55	M32	X	-1.535	-1.535	0	%100
56	M32	Z	-2.658	-2.658	0	%100
57	M33	X	0	0	0	%100
58	M33	Z	0	0	0	%100
59	M34	X	-1.535	-1.535	0	%100
60	M34	Z	-2.658	-2.658	0	%100
61	M35	X	-.916	-.916	0	%100
62	M35	Z	-1.587	-1.587	0	%100
63	M36	X	-.916	-.916	0	%100
64	M36	Z	-1.587	-1.587	0	%100
65	M37	X	0	0	0	%100
66	M37	Z	0	0	0	%100
67	M38	X	0	0	0	%100
68	M38	Z	0	0	0	%100
69	M39	X	-.916	-.916	0	%100
70	M39	Z	-1.587	-1.587	0	%100
71	M40	X	-.916	-.916	0	%100
72	M40	Z	-1.587	-1.587	0	%100
73	M41	X	-1.192	-1.192	0	%100
74	M41	Z	-2.064	-2.064	0	%100
75	M201	X	-1.192	-1.192	0	%100
76	M201	Z	-2.064	-2.064	0	%100
77	M50	X	-1.192	-1.192	0	%100
78	M50	Z	-2.064	-2.064	0	%100
79	M44	X	-1.192	-1.192	0	%100
80	M44	Z	-2.064	-2.064	0	%100
81	M45	X	-1.192	-1.192	0	%100
82	M45	Z	-2.064	-2.064	0	%100
83	M203	X	-1.192	-1.192	0	%100
84	M203	Z	-2.064	-2.064	0	%100
85	M200	X	-1.192	-1.192	0	%100
86	M200	Z	-2.064	-2.064	0	%100
87	M48	X	-1.192	-1.192	0	%100
88	M48	Z	-2.064	-2.064	0	%100
89	M49	X	-1.192	-1.192	0	%100
90	M49	Z	-2.064	-2.064	0	%100
91	M202	X	-1.192	-1.192	0	%100
92	M202	Z	-2.064	-2.064	0	%100
93	M51	X	-1.192	-1.192	0	%100
94	M51	Z	-2.064	-2.064	0	%100
95	M52	X	-1.192	-1.192	0	%100
96	M52	Z	-2.064	-2.064	0	%100
97	M53	X	-1.183	-1.183	0	%100
98	M53	Z	-2.05	-2.05	0	%100
99	M54	X	-.454	-.454	0	%100
100	M54	Z	-.787	-.787	0	%100
101	M55	X	-.454	-.454	0	%100
102	M55	Z	-.787	-.787	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
103	M56	X	-1.578	-1.578	0	%100
104	M56	Z	-2.733	-2.733	0	%100
105	M57	X	-.54	-.54	0	%100
106	M57	Z	-.936	-.936	0	%100
107	M58	X	-.54	-.54	0	%100
108	M58	Z	-.936	-.936	0	%100
109	M61	X	-.121	-.121	0	%100
110	M61	Z	-.209	-.209	0	%100
111	M62	X	-.121	-.121	0	%100
112	M62	Z	-.209	-.209	0	%100
113	M67	X	-.121	-.121	0	%100
114	M67	Z	-.209	-.209	0	%100
115	M68	X	-.121	-.121	0	%100
116	M68	Z	-.209	-.209	0	%100
117	M73	X	-.121	-.121	0	%100
118	M73	Z	-.209	-.209	0	%100
119	M74	X	-.121	-.121	0	%100
120	M74	Z	-.209	-.209	0	%100
121	M79	X	-.121	-.121	0	%100
122	M79	Z	-.209	-.209	0	%100
123	M80	X	-.121	-.121	0	%100
124	M80	Z	-.209	-.209	0	%100
125	M85	X	-.121	-.121	0	%100
126	M85	Z	-.209	-.209	0	%100
127	M86	X	-.121	-.121	0	%100
128	M86	Z	-.209	-.209	0	%100
129	M91	X	-.121	-.121	0	%100
130	M91	Z	-.209	-.209	0	%100
131	M92	X	-.121	-.121	0	%100
132	M92	Z	-.209	-.209	0	%100
133	M97	X	-.483	-.483	0	%100
134	M97	Z	-.836	-.836	0	%100
135	M98	X	-.483	-.483	0	%100
136	M98	Z	-.836	-.836	0	%100
137	M103	X	-.483	-.483	0	%100
138	M103	Z	-.836	-.836	0	%100
139	M104	X	-.483	-.483	0	%100
140	M104	Z	-.836	-.836	0	%100
141	M109	X	-.483	-.483	0	%100
142	M109	Z	-.836	-.836	0	%100
143	M110	X	-.483	-.483	0	%100
144	M110	Z	-.836	-.836	0	%100
145	M115	X	-.483	-.483	0	%100
146	M115	Z	-.836	-.836	0	%100
147	M116	X	-.483	-.483	0	%100
148	M116	Z	-.836	-.836	0	%100
149	M121	X	-.483	-.483	0	%100
150	M121	Z	-.836	-.836	0	%100
151	M122	X	-.483	-.483	0	%100
152	M122	Z	-.836	-.836	0	%100
153	M127	X	-.483	-.483	0	%100
154	M127	Z	-.836	-.836	0	%100
155	M128	X	-.483	-.483	0	%100
156	M128	Z	-.836	-.836	0	%100
157	M133	X	-.121	-.121	0	%100
158	M133	Z	-.209	-.209	0	%100
159	M134	X	-.121	-.121	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
160	M134	Z	-.209	-.209	0	%100
161	M139	X	-.121	-.121	0	%100
162	M139	Z	-.209	-.209	0	%100
163	M140	X	-.121	-.121	0	%100
164	M140	Z	-.209	-.209	0	%100
165	M145	X	-.121	-.121	0	%100
166	M145	Z	-.209	-.209	0	%100
167	M146	X	-.121	-.121	0	%100
168	M146	Z	-.209	-.209	0	%100
169	M151	X	-.121	-.121	0	%100
170	M151	Z	-.209	-.209	0	%100
171	M152	X	-.121	-.121	0	%100
172	M152	Z	-.209	-.209	0	%100
173	M157	X	-.121	-.121	0	%100
174	M157	Z	-.209	-.209	0	%100
175	M158	X	-.121	-.121	0	%100
176	M158	Z	-.209	-.209	0	%100
177	M163	X	-.121	-.121	0	%100
178	M163	Z	-.209	-.209	0	%100
179	M164	X	-.121	-.121	0	%100
180	M164	Z	-.209	-.209	0	%100
181	MP2A	X	-1.309	-1.309	0	%100
182	MP2A	Z	-2.267	-2.267	0	%100
183	MP1A	X	-1.309	-1.309	0	%100
184	MP1A	Z	-2.267	-2.267	0	%100
185	MP4A	X	-1.309	-1.309	0	%100
186	MP4A	Z	-2.267	-2.267	0	%100
187	MP2C	X	-1.309	-1.309	0	%100
188	MP2C	Z	-2.267	-2.267	0	%100
189	MP1C	X	-1.309	-1.309	0	%100
190	MP1C	Z	-2.267	-2.267	0	%100
191	MP4C	X	-1.309	-1.309	0	%100
192	MP4C	Z	-2.267	-2.267	0	%100
193	MP2B	X	-1.309	-1.309	0	%100
194	MP2B	Z	-2.267	-2.267	0	%100
195	MP1B	X	-1.309	-1.309	0	%100
196	MP1B	Z	-2.267	-2.267	0	%100
197	MP4B	X	-1.309	-1.309	0	%100
198	MP4B	Z	-2.267	-2.267	0	%100
199	MP3A	X	-1.309	-1.309	0	%100
200	MP3A	Z	-2.267	-2.267	0	%100
201	MP3C	X	-1.309	-1.309	0	%100
202	MP3C	Z	-2.267	-2.267	0	%100
203	MP3B	X	-1.309	-1.309	0	%100
204	MP3B	Z	-2.267	-2.267	0	%100
205	M185A	X	-.304	-.304	0	%100
206	M185A	Z	-.527	-.527	0	%100
207	M186	X	-.304	-.304	0	%100
208	M186	Z	-.527	-.527	0	%100
209	M187	X	-.913	-.913	0	%100
210	M187	Z	-1.581	-1.581	0	%100
211	M188	X	-.913	-.913	0	%100
212	M188	Z	-1.581	-1.581	0	%100
213	M188A	X	-1.202	-1.202	0	%100
214	M188A	Z	-2.082	-2.082	0	%100
215	M189	X	-.304	-.304	0	%100
216	M189	Z	-.527	-.527	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%,]	End Location[ft.%,]
217	M190	X	-.304	-.304	0	%100
218	M190	Z	-.527	-.527	0	%100
219	M197	X	-1.087	-1.087	0	%100
220	M197	Z	-1.883	-1.883	0	%100
221	M196	X	0	0	0	%100
222	M196	Z	0	0	0	%100
223	M201A	X	-1.087	-1.087	0	%100
224	M201A	Z	-1.883	-1.883	0	%100
225	M212	X	-1.117	-1.117	0	%100
226	M212	Z	-1.934	-1.934	0	%100
227	M213	X	-1.117	-1.117	0	%100
228	M213	Z	-1.934	-1.934	0	%100
229	M214	X	-1.531	-1.531	0	%100
230	M214	Z	-2.653	-2.653	0	%100
231	M215	X	-1.531	-1.531	0	%100
232	M215	Z	-2.653	-2.653	0	%100
233	M216	X	-1.117	-1.117	0	%100
234	M216	Z	-1.934	-1.934	0	%100
235	M217	X	-1.117	-1.117	0	%100
236	M217	Z	-1.934	-1.934	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%,]	End Location[ft.%,]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M3	X	0	0	0	%100
4	M3	Z	-.101	-.101	0	%100
5	M4	X	0	0	0	%100
6	M4	Z	-.626	-.626	0	%100
7	M6	X	0	0	0	%100
8	M6	Z	-.025	-.025	0	%100
9	M7	X	0	0	0	%100
10	M7	Z	-.626	-.626	0	%100
11	M9	X	0	0	0	%100
12	M9	Z	-.025	-.025	0	%100
13	M10	X	0	0	0	%100
14	M10	Z	-.674	-.674	0	%100
15	M11	X	0	0	0	%100
16	M11	Z	-.168	-.168	0	%100
17	M12	X	0	0	0	%100
18	M12	Z	-.168	-.168	0	%100
19	MP5B	X	0	0	0	%100
20	MP5B	Z	-.479	-.479	0	%100
21	MP5A	X	0	0	0	%100
22	MP5A	Z	-.479	-.479	0	%100
23	MP5C	X	0	0	0	%100
24	MP5C	Z	-.479	-.479	0	%100
25	M16	X	0	0	0	%100
26	M16	Z	-.607	-.607	0	%100
27	M18	X	0	0	0	%100
28	M18	Z	-.607	-.607	0	%100
29	M19	X	0	0	0	%100
30	M19	Z	-.152	-.152	0	%100
31	M20	X	0	0	0	%100
32	M20	Z	-.152	-.152	0	%100
33	M21	X	0	0	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft,....]	End Magnitude[lb/ft,F,....]	Start Location[ft,.%]	End Location[ft,.%]
34	M21	Z	-.152	-.152	0	%100
35	M22	X	0	0	0	%100
36	M22	Z	-.152	-.152	0	%100
37	M23	X	0	0	0	%100
38	M23	Z	-1.011	-1.011	0	%100
39	M24	X	0	0	0	%100
40	M24	Z	-.253	-.253	0	%100
41	M25	X	0	0	0	%100
42	M25	Z	-.253	-.253	0	%100
43	M26	X	0	0	0	%100
44	M26	Z	-.607	-.607	0	%100
45	M27	X	0	0	0	%100
46	M27	Z	-.607	-.607	0	%100
47	M28	X	0	0	0	%100
48	M28	Z	-.152	-.152	0	%100
49	M29	X	0	0	0	%100
50	M29	Z	-.152	-.152	0	%100
51	M30	X	0	0	0	%100
52	M30	Z	-.152	-.152	0	%100
53	M31	X	0	0	0	%100
54	M31	Z	-.152	-.152	0	%100
55	M32	X	0	0	0	%100
56	M32	Z	-1.011	-1.011	0	%100
57	M33	X	0	0	0	%100
58	M33	Z	-.253	-.253	0	%100
59	M34	X	0	0	0	%100
60	M34	Z	-.253	-.253	0	%100
61	M35	X	0	0	0	%100
62	M35	Z	-.607	-.607	0	%100
63	M36	X	0	0	0	%100
64	M36	Z	-.607	-.607	0	%100
65	M37	X	0	0	0	%100
66	M37	Z	-.152	-.152	0	%100
67	M38	X	0	0	0	%100
68	M38	Z	-.152	-.152	0	%100
69	M39	X	0	0	0	%100
70	M39	Z	-.152	-.152	0	%100
71	M40	X	0	0	0	%100
72	M40	Z	-.152	-.152	0	%100
73	M41	X	0	0	0	%100
74	M41	Z	-.434	-.434	0	%100
75	M201	X	0	0	0	%100
76	M201	Z	-.434	-.434	0	%100
77	M50	X	0	0	0	%100
78	M50	Z	-.434	-.434	0	%100
79	M44	X	0	0	0	%100
80	M44	Z	-.434	-.434	0	%100
81	M45	X	0	0	0	%100
82	M45	Z	-.434	-.434	0	%100
83	M203	X	0	0	0	%100
84	M203	Z	-.434	-.434	0	%100
85	M200	X	0	0	0	%100
86	M200	Z	-.434	-.434	0	%100
87	M48	X	0	0	0	%100
88	M48	Z	-.434	-.434	0	%100
89	M49	X	0	0	0	%100
90	M49	Z	-.434	-.434	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
91	M202	X	0	0	0	%100
92	M202	Z	-.434	-.434	0	%100
93	M51	X	0	0	0	%100
94	M51	Z	-.434	-.434	0	%100
95	M52	X	0	0	0	%100
96	M52	Z	-.434	-.434	0	%100
97	M53	X	0	0	0	%100
98	M53	Z	-.674	-.674	0	%100
99	M54	X	0	0	0	%100
100	M54	Z	0	0	0	%100
101	M55	X	0	0	0	%100
102	M55	Z	0	0	0	%100
103	M56	X	0	0	0	%100
104	M56	Z	-.526	-.526	0	%100
105	M57	X	0	0	0	%100
106	M57	Z	-.083	-.083	0	%100
107	M58	X	0	0	0	%100
108	M58	Z	-.526	-.526	0	%100
109	M61	X	0	0	0	%100
110	M61	Z	0	0	0	%100
111	M62	X	0	0	0	%100
112	M62	Z	0	0	0	%100
113	M67	X	0	0	0	%100
114	M67	Z	0	0	0	%100
115	M68	X	0	0	0	%100
116	M68	Z	0	0	0	%100
117	M73	X	0	0	0	%100
118	M73	Z	0	0	0	%100
119	M74	X	0	0	0	%100
120	M74	Z	0	0	0	%100
121	M79	X	0	0	0	%100
122	M79	Z	0	0	0	%100
123	M80	X	0	0	0	%100
124	M80	Z	0	0	0	%100
125	M85	X	0	0	0	%100
126	M85	Z	0	0	0	%100
127	M86	X	0	0	0	%100
128	M86	Z	0	0	0	%100
129	M91	X	0	0	0	%100
130	M91	Z	0	0	0	%100
131	M92	X	0	0	0	%100
132	M92	Z	0	0	0	%100
133	M97	X	0	0	0	%100
134	M97	Z	-.058	-.058	0	%100
135	M98	X	0	0	0	%100
136	M98	Z	-.058	-.058	0	%100
137	M103	X	0	0	0	%100
138	M103	Z	-.058	-.058	0	%100
139	M104	X	0	0	0	%100
140	M104	Z	-.058	-.058	0	%100
141	M109	X	0	0	0	%100
142	M109	Z	-.058	-.058	0	%100
143	M110	X	0	0	0	%100
144	M110	Z	-.058	-.058	0	%100
145	M115	X	0	0	0	%100
146	M115	Z	-.058	-.058	0	%100
147	M116	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
148	M116	Z	-.058	-.058	0	%100
149	M121	X	0	0	0	%100
150	M121	Z	-.058	-.058	0	%100
151	M122	X	0	0	0	%100
152	M122	Z	-.058	-.058	0	%100
153	M127	X	0	0	0	%100
154	M127	Z	-.058	-.058	0	%100
155	M128	X	0	0	0	%100
156	M128	Z	-.058	-.058	0	%100
157	M133	X	0	0	0	%100
158	M133	Z	-.058	-.058	0	%100
159	M134	X	0	0	0	%100
160	M134	Z	-.058	-.058	0	%100
161	M139	X	0	0	0	%100
162	M139	Z	-.058	-.058	0	%100
163	M140	X	0	0	0	%100
164	M140	Z	-.058	-.058	0	%100
165	M145	X	0	0	0	%100
166	M145	Z	-.058	-.058	0	%100
167	M146	X	0	0	0	%100
168	M146	Z	-.058	-.058	0	%100
169	M151	X	0	0	0	%100
170	M151	Z	-.058	-.058	0	%100
171	M152	X	0	0	0	%100
172	M152	Z	-.058	-.058	0	%100
173	M157	X	0	0	0	%100
174	M157	Z	-.058	-.058	0	%100
175	M158	X	0	0	0	%100
176	M158	Z	-.058	-.058	0	%100
177	M163	X	0	0	0	%100
178	M163	Z	-.058	-.058	0	%100
179	M164	X	0	0	0	%100
180	M164	Z	-.058	-.058	0	%100
181	MP2A	X	0	0	0	%100
182	MP2A	Z	-.48	-.48	0	%100
183	MP1A	X	0	0	0	%100
184	MP1A	Z	-.48	-.48	0	%100
185	MP4A	X	0	0	0	%100
186	MP4A	Z	-.48	-.48	0	%100
187	MP2C	X	0	0	0	%100
188	MP2C	Z	-.48	-.48	0	%100
189	MP1C	X	0	0	0	%100
190	MP1C	Z	-.48	-.48	0	%100
191	MP4C	X	0	0	0	%100
192	MP4C	Z	-.48	-.48	0	%100
193	MP2B	X	0	0	0	%100
194	MP2B	Z	-.48	-.48	0	%100
195	MP1B	X	0	0	0	%100
196	MP1B	Z	-.48	-.48	0	%100
197	MP4B	X	0	0	0	%100
198	MP4B	Z	-.48	-.48	0	%100
199	MP3A	X	0	0	0	%100
200	MP3A	Z	-.48	-.48	0	%100
201	MP3C	X	0	0	0	%100
202	MP3C	Z	-.48	-.48	0	%100
203	MP3B	X	0	0	0	%100
204	MP3B	Z	-.48	-.48	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
205	M185A	X	0	0	0	%100
206	M185A	Z	0	0	0	%100
207	M186	X	0	0	0	%100
208	M186	Z	0	0	0	%100
209	M187	X	0	0	0	%100
210	M187	Z	-.607	-.607	0	%100
211	M188	X	0	0	0	%100
212	M188	Z	-.607	-.607	0	%100
213	M188A	X	0	0	0	%100
214	M188A	Z	-.438	-.438	0	%100
215	M189	X	0	0	0	%100
216	M189	Z	0	0	0	%100
217	M190	X	0	0	0	%100
218	M190	Z	0	0	0	%100
219	M197	X	0	0	0	%100
220	M197	Z	-.581	-.581	0	%100
221	M196	X	0	0	0	%100
222	M196	Z	-.145	-.145	0	%100
223	M201A	X	0	0	0	%100
224	M201A	Z	-.145	-.145	0	%100
225	M212	X	0	0	0	%100
226	M212	Z	-.453	-.453	0	%100
227	M213	X	0	0	0	%100
228	M213	Z	-.453	-.453	0	%100
229	M214	X	0	0	0	%100
230	M214	Z	-.645	-.645	0	%100
231	M215	X	0	0	0	%100
232	M215	Z	-.645	-.645	0	%100
233	M216	X	0	0	0	%100
234	M216	Z	-.645	-.645	0	%100
235	M217	X	0	0	0	%100
236	M217	Z	-.645	-.645	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M1	X	.104	.104	0	%100
2	M1	Z	-.181	-.181	0	%100
3	M3	X	.038	.038	0	%100
4	M3	Z	-.066	-.066	0	%100
5	M4	X	.104	.104	0	%100
6	M4	Z	-.181	-.181	0	%100
7	M6	X	.038	.038	0	%100
8	M6	Z	-.066	-.066	0	%100
9	M7	X	.417	.417	0	%100
10	M7	Z	-.722	-.722	0	%100
11	M9	X	0	0	0	%100
12	M9	Z	0	0	0	%100
13	M10	X	.253	.253	0	%100
14	M10	Z	-.438	-.438	0	%100
15	M11	X	.253	.253	0	%100
16	M11	Z	-.438	-.438	0	%100
17	M12	X	0	0	0	%100
18	M12	Z	0	0	0	%100
19	MP5B	X	.239	.239	0	%100
20	MP5B	Z	-.415	-.415	0	%100
21	MP5A	X	.239	.239	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
22	MP5A	Z	-.415	-.415	0	%100
23	MP5C	X	.239	.239	0	%100
24	MP5C	Z	-.415	-.415	0	%100
25	M16	X	.227	.227	0	%100
26	M16	Z	-.394	-.394	0	%100
27	M18	X	.227	.227	0	%100
28	M18	Z	-.394	-.394	0	%100
29	M19	X	.227	.227	0	%100
30	M19	Z	-.394	-.394	0	%100
31	M20	X	.227	.227	0	%100
32	M20	Z	-.394	-.394	0	%100
33	M21	X	0	0	0	%100
34	M21	Z	0	0	0	%100
35	M22	X	0	0	0	%100
36	M22	Z	0	0	0	%100
37	M23	X	.379	.379	0	%100
38	M23	Z	-.657	-.657	0	%100
39	M24	X	.379	.379	0	%100
40	M24	Z	-.657	-.657	0	%100
41	M25	X	0	0	0	%100
42	M25	Z	0	0	0	%100
43	M26	X	.227	.227	0	%100
44	M26	Z	-.394	-.394	0	%100
45	M27	X	.227	.227	0	%100
46	M27	Z	-.394	-.394	0	%100
47	M28	X	.227	.227	0	%100
48	M28	Z	-.394	-.394	0	%100
49	M29	X	.227	.227	0	%100
50	M29	Z	-.394	-.394	0	%100
51	M30	X	0	0	0	%100
52	M30	Z	0	0	0	%100
53	M31	X	0	0	0	%100
54	M31	Z	0	0	0	%100
55	M32	X	.379	.379	0	%100
56	M32	Z	-.657	-.657	0	%100
57	M33	X	.379	.379	0	%100
58	M33	Z	-.657	-.657	0	%100
59	M34	X	0	0	0	%100
60	M34	Z	0	0	0	%100
61	M35	X	.227	.227	0	%100
62	M35	Z	-.394	-.394	0	%100
63	M36	X	.227	.227	0	%100
64	M36	Z	-.394	-.394	0	%100
65	M37	X	.227	.227	0	%100
66	M37	Z	-.394	-.394	0	%100
67	M38	X	.227	.227	0	%100
68	M38	Z	-.394	-.394	0	%100
69	M39	X	0	0	0	%100
70	M39	Z	0	0	0	%100
71	M40	X	0	0	0	%100
72	M40	Z	0	0	0	%100
73	M41	X	.217	.217	0	%100
74	M41	Z	-.376	-.376	0	%100
75	M201	X	.217	.217	0	%100
76	M201	Z	-.376	-.376	0	%100
77	M50	X	.217	.217	0	%100
78	M50	Z	-.376	-.376	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
79	M44	X	.217	.217	0	%100
80	M44	Z	-.376	-.376	0	%100
81	M45	X	.217	.217	0	%100
82	M45	Z	-.376	-.376	0	%100
83	M203	X	.217	.217	0	%100
84	M203	Z	-.376	-.376	0	%100
85	M200	X	.217	.217	0	%100
86	M200	Z	-.376	-.376	0	%100
87	M48	X	.217	.217	0	%100
88	M48	Z	-.376	-.376	0	%100
89	M49	X	.217	.217	0	%100
90	M49	Z	-.376	-.376	0	%100
91	M202	X	.217	.217	0	%100
92	M202	Z	-.376	-.376	0	%100
93	M51	X	.217	.217	0	%100
94	M51	Z	-.376	-.376	0	%100
95	M52	X	.217	.217	0	%100
96	M52	Z	-.376	-.376	0	%100
97	M53	X	.253	.253	0	%100
98	M53	Z	-.438	-.438	0	%100
99	M54	X	.106	.106	0	%100
100	M54	Z	-.183	-.183	0	%100
101	M55	X	.106	.106	0	%100
102	M55	Z	-.183	-.183	0	%100
103	M56	X	.115	.115	0	%100
104	M56	Z	-.2	-.2	0	%100
105	M57	X	.115	.115	0	%100
106	M57	Z	-.2	-.2	0	%100
107	M58	X	.337	.337	0	%100
108	M58	Z	-.584	-.584	0	%100
109	M61	X	.01	.01	0	%100
110	M61	Z	-.017	-.017	0	%100
111	M62	X	.01	.01	0	%100
112	M62	Z	-.017	-.017	0	%100
113	M67	X	.01	.01	0	%100
114	M67	Z	-.017	-.017	0	%100
115	M68	X	.01	.01	0	%100
116	M68	Z	-.017	-.017	0	%100
117	M73	X	.01	.01	0	%100
118	M73	Z	-.017	-.017	0	%100
119	M74	X	.01	.01	0	%100
120	M74	Z	-.017	-.017	0	%100
121	M79	X	.01	.01	0	%100
122	M79	Z	-.017	-.017	0	%100
123	M80	X	.01	.01	0	%100
124	M80	Z	-.017	-.017	0	%100
125	M85	X	.01	.01	0	%100
126	M85	Z	-.017	-.017	0	%100
127	M86	X	.01	.01	0	%100
128	M86	Z	-.017	-.017	0	%100
129	M91	X	.01	.01	0	%100
130	M91	Z	-.017	-.017	0	%100
131	M92	X	.01	.01	0	%100
132	M92	Z	-.017	-.017	0	%100
133	M97	X	.01	.01	0	%100
134	M97	Z	-.017	-.017	0	%100
135	M98	X	.01	.01	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
136	M98	Z	-.017	-.017	0	%100
137	M103	X	.01	.01	0	%100
138	M103	Z	-.017	-.017	0	%100
139	M104	X	.01	.01	0	%100
140	M104	Z	-.017	-.017	0	%100
141	M109	X	.01	.01	0	%100
142	M109	Z	-.017	-.017	0	%100
143	M110	X	.01	.01	0	%100
144	M110	Z	-.017	-.017	0	%100
145	M115	X	.01	.01	0	%100
146	M115	Z	-.017	-.017	0	%100
147	M116	X	.01	.01	0	%100
148	M116	Z	-.017	-.017	0	%100
149	M121	X	.01	.01	0	%100
150	M121	Z	-.017	-.017	0	%100
151	M122	X	.01	.01	0	%100
152	M122	Z	-.017	-.017	0	%100
153	M127	X	.01	.01	0	%100
154	M127	Z	-.017	-.017	0	%100
155	M128	X	.01	.01	0	%100
156	M128	Z	-.017	-.017	0	%100
157	M133	X	.038	.038	0	%100
158	M133	Z	-.066	-.066	0	%100
159	M134	X	.038	.038	0	%100
160	M134	Z	-.066	-.066	0	%100
161	M139	X	.038	.038	0	%100
162	M139	Z	-.066	-.066	0	%100
163	M140	X	.038	.038	0	%100
164	M140	Z	-.066	-.066	0	%100
165	M145	X	.038	.038	0	%100
166	M145	Z	-.066	-.066	0	%100
167	M146	X	.038	.038	0	%100
168	M146	Z	-.066	-.066	0	%100
169	M151	X	.038	.038	0	%100
170	M151	Z	-.066	-.066	0	%100
171	M152	X	.038	.038	0	%100
172	M152	Z	-.066	-.066	0	%100
173	M157	X	.038	.038	0	%100
174	M157	Z	-.066	-.066	0	%100
175	M158	X	.038	.038	0	%100
176	M158	Z	-.066	-.066	0	%100
177	M163	X	.038	.038	0	%100
178	M163	Z	-.066	-.066	0	%100
179	M164	X	.038	.038	0	%100
180	M164	Z	-.066	-.066	0	%100
181	MP2A	X	.24	.24	0	%100
182	MP2A	Z	-.416	-.416	0	%100
183	MP1A	X	.24	.24	0	%100
184	MP1A	Z	-.416	-.416	0	%100
185	MP4A	X	.24	.24	0	%100
186	MP4A	Z	-.416	-.416	0	%100
187	MP2C	X	.24	.24	0	%100
188	MP2C	Z	-.416	-.416	0	%100
189	MP1C	X	.24	.24	0	%100
190	MP1C	Z	-.416	-.416	0	%100
191	MP4C	X	.24	.24	0	%100
192	MP4C	Z	-.416	-.416	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
193	MP2B	X	.24	.24	0	%100
194	MP2B	Z	-.416	-.416	0	%100
195	MP1B	X	.24	.24	0	%100
196	MP1B	Z	-.416	-.416	0	%100
197	MP4B	X	.24	.24	0	%100
198	MP4B	Z	-.416	-.416	0	%100
199	MP3A	X	.24	.24	0	%100
200	MP3A	Z	-.416	-.416	0	%100
201	MP3C	X	.24	.24	0	%100
202	MP3C	Z	-.416	-.416	0	%100
203	MP3B	X	.24	.24	0	%100
204	MP3B	Z	-.416	-.416	0	%100
205	M185A	X	.076	.076	0	%100
206	M185A	Z	-.131	-.131	0	%100
207	M186	X	.076	.076	0	%100
208	M186	Z	-.131	-.131	0	%100
209	M187	X	.227	.227	0	%100
210	M187	Z	-.394	-.394	0	%100
211	M188	X	.227	.227	0	%100
212	M188	Z	-.394	-.394	0	%100
213	M188A	X	.219	.219	0	%100
214	M188A	Z	-.379	-.379	0	%100
215	M189	X	.076	.076	0	%100
216	M189	Z	-.131	-.131	0	%100
217	M190	X	.076	.076	0	%100
218	M190	Z	-.131	-.131	0	%100
219	M197	X	.218	.218	0	%100
220	M197	Z	-.378	-.378	0	%100
221	M196	X	.218	.218	0	%100
222	M196	Z	-.378	-.378	0	%100
223	M201A	X	0	0	0	%100
224	M201A	Z	0	0	0	%100
225	M212	X	.259	.259	0	%100
226	M212	Z	-.448	-.448	0	%100
227	M213	X	.259	.259	0	%100
228	M213	Z	-.448	-.448	0	%100
229	M214	X	.259	.259	0	%100
230	M214	Z	-.448	-.448	0	%100
231	M215	X	.259	.259	0	%100
232	M215	Z	-.448	-.448	0	%100
233	M216	X	.355	.355	0	%100
234	M216	Z	-.614	-.614	0	%100
235	M217	X	.355	.355	0	%100
236	M217	Z	-.614	-.614	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M1	X	.542	.542	0	%100
2	M1	Z	-.313	-.313	0	%100
3	M3	X	.022	.022	0	%100
4	M3	Z	-.013	-.013	0	%100
5	M4	X	0	0	0	%100
6	M4	Z	0	0	0	%100
7	M6	X	.088	.088	0	%100
8	M6	Z	-.051	-.051	0	%100
9	M7	X	.542	.542	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft,F....]	Start Location[ft.%]	End Location[ft.%]
10	M7	Z	-.313	-.313	0	%100
11	M9	X	.022	.022	0	%100
12	M9	Z	-.013	-.013	0	%100
13	M10	X	.146	.146	0	%100
14	M10	Z	-.084	-.084	0	%100
15	M11	X	.584	.584	0	%100
16	M11	Z	-.337	-.337	0	%100
17	M12	X	.146	.146	0	%100
18	M12	Z	-.084	-.084	0	%100
19	MP5B	X	.415	.415	0	%100
20	MP5B	Z	-.239	-.239	0	%100
21	MP5A	X	.415	.415	0	%100
22	MP5A	Z	-.239	-.239	0	%100
23	MP5C	X	.415	.415	0	%100
24	MP5C	Z	-.239	-.239	0	%100
25	M16	X	.131	.131	0	%100
26	M16	Z	-.076	-.076	0	%100
27	M18	X	.131	.131	0	%100
28	M18	Z	-.076	-.076	0	%100
29	M19	X	.525	.525	0	%100
30	M19	Z	-.303	-.303	0	%100
31	M20	X	.525	.525	0	%100
32	M20	Z	-.303	-.303	0	%100
33	M21	X	.131	.131	0	%100
34	M21	Z	-.076	-.076	0	%100
35	M22	X	.131	.131	0	%100
36	M22	Z	-.076	-.076	0	%100
37	M23	X	.219	.219	0	%100
38	M23	Z	-.126	-.126	0	%100
39	M24	X	.876	.876	0	%100
40	M24	Z	-.505	-.505	0	%100
41	M25	X	.219	.219	0	%100
42	M25	Z	-.126	-.126	0	%100
43	M26	X	.131	.131	0	%100
44	M26	Z	-.076	-.076	0	%100
45	M27	X	.131	.131	0	%100
46	M27	Z	-.076	-.076	0	%100
47	M28	X	.525	.525	0	%100
48	M28	Z	-.303	-.303	0	%100
49	M29	X	.525	.525	0	%100
50	M29	Z	-.303	-.303	0	%100
51	M30	X	.131	.131	0	%100
52	M30	Z	-.076	-.076	0	%100
53	M31	X	.131	.131	0	%100
54	M31	Z	-.076	-.076	0	%100
55	M32	X	.219	.219	0	%100
56	M32	Z	-.126	-.126	0	%100
57	M33	X	.876	.876	0	%100
58	M33	Z	-.505	-.505	0	%100
59	M34	X	.219	.219	0	%100
60	M34	Z	-.126	-.126	0	%100
61	M35	X	.131	.131	0	%100
62	M35	Z	-.076	-.076	0	%100
63	M36	X	.131	.131	0	%100
64	M36	Z	-.076	-.076	0	%100
65	M37	X	.525	.525	0	%100
66	M37	Z	-.303	-.303	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,....	End Magnitude[lb/ft,F...	Start Location[ft.%,]	End Location[ft.%,]
67	M38	X	.525	.525	0	%100
68	M38	Z	-.303	-.303	0	%100
69	M39	X	.131	.131	0	%100
70	M39	Z	-.076	-.076	0	%100
71	M40	X	.131	.131	0	%100
72	M40	Z	-.076	-.076	0	%100
73	M41	X	.376	.376	0	%100
74	M41	Z	-.217	-.217	0	%100
75	M201	X	.376	.376	0	%100
76	M201	Z	-.217	-.217	0	%100
77	M50	X	.376	.376	0	%100
78	M50	Z	-.217	-.217	0	%100
79	M44	X	.376	.376	0	%100
80	M44	Z	-.217	-.217	0	%100
81	M45	X	.376	.376	0	%100
82	M45	Z	-.217	-.217	0	%100
83	M203	X	.376	.376	0	%100
84	M203	Z	-.217	-.217	0	%100
85	M200	X	.376	.376	0	%100
86	M200	Z	-.217	-.217	0	%100
87	M48	X	.376	.376	0	%100
88	M48	Z	-.217	-.217	0	%100
89	M49	X	.376	.376	0	%100
90	M49	Z	-.217	-.217	0	%100
91	M202	X	.376	.376	0	%100
92	M202	Z	-.217	-.217	0	%100
93	M51	X	.376	.376	0	%100
94	M51	Z	-.217	-.217	0	%100
95	M52	X	.376	.376	0	%100
96	M52	Z	-.217	-.217	0	%100
97	M53	X	.146	.146	0	%100
98	M53	Z	-.084	-.084	0	%100
99	M54	X	.549	.549	0	%100
100	M54	Z	-.317	-.317	0	%100
101	M55	X	.549	.549	0	%100
102	M55	Z	-.317	-.317	0	%100
103	M56	X	.072	.072	0	%100
104	M56	Z	-.042	-.042	0	%100
105	M57	X	.456	.456	0	%100
106	M57	Z	-.263	-.263	0	%100
107	M58	X	.456	.456	0	%100
108	M58	Z	-.263	-.263	0	%100
109	M61	X	.05	.05	0	%100
110	M61	Z	-.029	-.029	0	%100
111	M62	X	.05	.05	0	%100
112	M62	Z	-.029	-.029	0	%100
113	M67	X	.05	.05	0	%100
114	M67	Z	-.029	-.029	0	%100
115	M68	X	.05	.05	0	%100
116	M68	Z	-.029	-.029	0	%100
117	M73	X	.05	.05	0	%100
118	M73	Z	-.029	-.029	0	%100
119	M74	X	.05	.05	0	%100
120	M74	Z	-.029	-.029	0	%100
121	M79	X	.05	.05	0	%100
122	M79	Z	-.029	-.029	0	%100
123	M80	X	.05	.05	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft,F....]	Start Location[ft.%]	End Location[ft.%]
124	M80	Z	-.029	-.029	0	%100
125	M85	X	.05	.05	0	%100
126	M85	Z	-.029	-.029	0	%100
127	M86	X	.05	.05	0	%100
128	M86	Z	-.029	-.029	0	%100
129	M91	X	.05	.05	0	%100
130	M91	Z	-.029	-.029	0	%100
131	M92	X	.05	.05	0	%100
132	M92	Z	-.029	-.029	0	%100
133	M97	X	0	0	0	%100
134	M97	Z	0	0	0	%100
135	M98	X	0	0	0	%100
136	M98	Z	0	0	0	%100
137	M103	X	0	0	0	%100
138	M103	Z	0	0	0	%100
139	M104	X	0	0	0	%100
140	M104	Z	0	0	0	%100
141	M109	X	0	0	0	%100
142	M109	Z	0	0	0	%100
143	M110	X	0	0	0	%100
144	M110	Z	0	0	0	%100
145	M115	X	0	0	0	%100
146	M115	Z	0	0	0	%100
147	M116	X	0	0	0	%100
148	M116	Z	0	0	0	%100
149	M121	X	0	0	0	%100
150	M121	Z	0	0	0	%100
151	M122	X	0	0	0	%100
152	M122	Z	0	0	0	%100
153	M127	X	0	0	0	%100
154	M127	Z	0	0	0	%100
155	M128	X	0	0	0	%100
156	M128	Z	0	0	0	%100
157	M133	X	.05	.05	0	%100
158	M133	Z	-.029	-.029	0	%100
159	M134	X	.05	.05	0	%100
160	M134	Z	-.029	-.029	0	%100
161	M139	X	.05	.05	0	%100
162	M139	Z	-.029	-.029	0	%100
163	M140	X	.05	.05	0	%100
164	M140	Z	-.029	-.029	0	%100
165	M145	X	.05	.05	0	%100
166	M145	Z	-.029	-.029	0	%100
167	M146	X	.05	.05	0	%100
168	M146	Z	-.029	-.029	0	%100
169	M151	X	.05	.05	0	%100
170	M151	Z	-.029	-.029	0	%100
171	M152	X	.05	.05	0	%100
172	M152	Z	-.029	-.029	0	%100
173	M157	X	.05	.05	0	%100
174	M157	Z	-.029	-.029	0	%100
175	M158	X	.05	.05	0	%100
176	M158	Z	-.029	-.029	0	%100
177	M163	X	.05	.05	0	%100
178	M163	Z	-.029	-.029	0	%100
179	M164	X	.05	.05	0	%100
180	M164	Z	-.029	-.029	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft,F...	Start Location[ft.%]	End Location[ft.%]
181	MP2A	X	.416	.416	0	%100
182	MP2A	Z	-.24	-.24	0	%100
183	MP1A	X	.416	.416	0	%100
184	MP1A	Z	-.24	-.24	0	%100
185	MP4A	X	.416	.416	0	%100
186	MP4A	Z	-.24	-.24	0	%100
187	MP2C	X	.416	.416	0	%100
188	MP2C	Z	-.24	-.24	0	%100
189	MP1C	X	.416	.416	0	%100
190	MP1C	Z	-.24	-.24	0	%100
191	MP4C	X	.416	.416	0	%100
192	MP4C	Z	-.24	-.24	0	%100
193	MP2B	X	.416	.416	0	%100
194	MP2B	Z	-.24	-.24	0	%100
195	MP1B	X	.416	.416	0	%100
196	MP1B	Z	-.24	-.24	0	%100
197	MP4B	X	.416	.416	0	%100
198	MP4B	Z	-.24	-.24	0	%100
199	MP3A	X	.416	.416	0	%100
200	MP3A	Z	-.24	-.24	0	%100
201	MP3C	X	.416	.416	0	%100
202	MP3C	Z	-.24	-.24	0	%100
203	MP3B	X	.416	.416	0	%100
204	MP3B	Z	-.24	-.24	0	%100
205	M185A	X	.394	.394	0	%100
206	M185A	Z	-.227	-.227	0	%100
207	M186	X	.394	.394	0	%100
208	M186	Z	-.227	-.227	0	%100
209	M187	X	.131	.131	0	%100
210	M187	Z	-.076	-.076	0	%100
211	M188	X	.131	.131	0	%100
212	M188	Z	-.076	-.076	0	%100
213	M188A	X	.379	.379	0	%100
214	M188A	Z	-.219	-.219	0	%100
215	M189	X	.394	.394	0	%100
216	M189	Z	-.227	-.227	0	%100
217	M190	X	.394	.394	0	%100
218	M190	Z	-.227	-.227	0	%100
219	M197	X	.126	.126	0	%100
220	M197	Z	-.073	-.073	0	%100
221	M196	X	.503	.503	0	%100
222	M196	Z	-.291	-.291	0	%100
223	M201A	X	.126	.126	0	%100
224	M201A	Z	-.073	-.073	0	%100
225	M212	X	.559	.559	0	%100
226	M212	Z	-.323	-.323	0	%100
227	M213	X	.559	.559	0	%100
228	M213	Z	-.323	-.323	0	%100
229	M214	X	.393	.393	0	%100
230	M214	Z	-.227	-.227	0	%100
231	M215	X	.393	.393	0	%100
232	M215	Z	-.227	-.227	0	%100
233	M216	X	.559	.559	0	%100
234	M216	Z	-.323	-.323	0	%100
235	M217	X	.559	.559	0	%100
236	M217	Z	-.323	-.323	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M1	X	.834	.834	0	%100
2	M1	Z	0	0	0	%100
3	M3	X	0	0	0	%100
4	M3	Z	0	0	0	%100
5	M4	X	.209	.209	0	%100
6	M4	Z	0	0	0	%100
7	M6	X	.076	.076	0	%100
8	M6	Z	0	0	0	%100
9	M7	X	.209	.209	0	%100
10	M7	Z	0	0	0	%100
11	M9	X	.076	.076	0	%100
12	M9	Z	0	0	0	%100
13	M10	X	0	0	0	%100
14	M10	Z	0	0	0	%100
15	M11	X	.505	.505	0	%100
16	M11	Z	0	0	0	%100
17	M12	X	.505	.505	0	%100
18	M12	Z	0	0	0	%100
19	MP5B	X	.479	.479	0	%100
20	MP5B	Z	0	0	0	%100
21	MP5A	X	.479	.479	0	%100
22	MP5A	Z	0	0	0	%100
23	MP5C	X	.479	.479	0	%100
24	MP5C	Z	0	0	0	%100
25	M16	X	0	0	0	%100
26	M16	Z	0	0	0	%100
27	M18	X	0	0	0	%100
28	M18	Z	0	0	0	%100
29	M19	X	.455	.455	0	%100
30	M19	Z	0	0	0	%100
31	M20	X	.455	.455	0	%100
32	M20	Z	0	0	0	%100
33	M21	X	.455	.455	0	%100
34	M21	Z	0	0	0	%100
35	M22	X	.455	.455	0	%100
36	M22	Z	0	0	0	%100
37	M23	X	0	0	0	%100
38	M23	Z	0	0	0	%100
39	M24	X	.758	.758	0	%100
40	M24	Z	0	0	0	%100
41	M25	X	.758	.758	0	%100
42	M25	Z	0	0	0	%100
43	M26	X	0	0	0	%100
44	M26	Z	0	0	0	%100
45	M27	X	0	0	0	%100
46	M27	Z	0	0	0	%100
47	M28	X	.455	.455	0	%100
48	M28	Z	0	0	0	%100
49	M29	X	.455	.455	0	%100
50	M29	Z	0	0	0	%100
51	M30	X	.455	.455	0	%100
52	M30	Z	0	0	0	%100
53	M31	X	.455	.455	0	%100
54	M31	Z	0	0	0	%100
55	M32	X	0	0	0	%100
56	M32	Z	0	0	0	%100
57	M33	X	.758	.758	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft,F....]	Start Location[ft.%]	End Location[ft.%]
58	M33	Z	0	0	0	%100
59	M34	X	.758	.758	0	%100
60	M34	Z	0	0	0	%100
61	M35	X	0	0	0	%100
62	M35	Z	0	0	0	%100
63	M36	X	0	0	0	%100
64	M36	Z	0	0	0	%100
65	M37	X	.455	.455	0	%100
66	M37	Z	0	0	0	%100
67	M38	X	.455	.455	0	%100
68	M38	Z	0	0	0	%100
69	M39	X	.455	.455	0	%100
70	M39	Z	0	0	0	%100
71	M40	X	.455	.455	0	%100
72	M40	Z	0	0	0	%100
73	M41	X	.434	.434	0	%100
74	M41	Z	0	0	0	%100
75	M201	X	.434	.434	0	%100
76	M201	Z	0	0	0	%100
77	M50	X	.434	.434	0	%100
78	M50	Z	0	0	0	%100
79	M44	X	.434	.434	0	%100
80	M44	Z	0	0	0	%100
81	M45	X	.434	.434	0	%100
82	M45	Z	0	0	0	%100
83	M203	X	.434	.434	0	%100
84	M203	Z	0	0	0	%100
85	M200	X	.434	.434	0	%100
86	M200	Z	0	0	0	%100
87	M48	X	.434	.434	0	%100
88	M48	Z	0	0	0	%100
89	M49	X	.434	.434	0	%100
90	M49	Z	0	0	0	%100
91	M202	X	.434	.434	0	%100
92	M202	Z	0	0	0	%100
93	M51	X	.434	.434	0	%100
94	M51	Z	0	0	0	%100
95	M52	X	.434	.434	0	%100
96	M52	Z	0	0	0	%100
97	M53	X	0	0	0	%100
98	M53	Z	0	0	0	%100
99	M54	X	.846	.846	0	%100
100	M54	Z	0	0	0	%100
101	M55	X	.846	.846	0	%100
102	M55	Z	0	0	0	%100
103	M56	X	.231	.231	0	%100
104	M56	Z	0	0	0	%100
105	M57	X	.674	.674	0	%100
106	M57	Z	0	0	0	%100
107	M58	X	.231	.231	0	%100
108	M58	Z	0	0	0	%100
109	M61	X	.077	.077	0	%100
110	M61	Z	0	0	0	%100
111	M62	X	.077	.077	0	%100
112	M62	Z	0	0	0	%100
113	M67	X	.077	.077	0	%100
114	M67	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
115	M68	X	.077	.077	0	%100
116	M68	Z	0	0	0	%100
117	M73	X	.077	.077	0	%100
118	M73	Z	0	0	0	%100
119	M74	X	.077	.077	0	%100
120	M74	Z	0	0	0	%100
121	M79	X	.077	.077	0	%100
122	M79	Z	0	0	0	%100
123	M80	X	.077	.077	0	%100
124	M80	Z	0	0	0	%100
125	M85	X	.077	.077	0	%100
126	M85	Z	0	0	0	%100
127	M86	X	.077	.077	0	%100
128	M86	Z	0	0	0	%100
129	M91	X	.077	.077	0	%100
130	M91	Z	0	0	0	%100
131	M92	X	.077	.077	0	%100
132	M92	Z	0	0	0	%100
133	M97	X	.019	.019	0	%100
134	M97	Z	0	0	0	%100
135	M98	X	.019	.019	0	%100
136	M98	Z	0	0	0	%100
137	M103	X	.019	.019	0	%100
138	M103	Z	0	0	0	%100
139	M104	X	.019	.019	0	%100
140	M104	Z	0	0	0	%100
141	M109	X	.019	.019	0	%100
142	M109	Z	0	0	0	%100
143	M110	X	.019	.019	0	%100
144	M110	Z	0	0	0	%100
145	M115	X	.019	.019	0	%100
146	M115	Z	0	0	0	%100
147	M116	X	.019	.019	0	%100
148	M116	Z	0	0	0	%100
149	M121	X	.019	.019	0	%100
150	M121	Z	0	0	0	%100
151	M122	X	.019	.019	0	%100
152	M122	Z	0	0	0	%100
153	M127	X	.019	.019	0	%100
154	M127	Z	0	0	0	%100
155	M128	X	.019	.019	0	%100
156	M128	Z	0	0	0	%100
157	M133	X	.019	.019	0	%100
158	M133	Z	0	0	0	%100
159	M134	X	.019	.019	0	%100
160	M134	Z	0	0	0	%100
161	M139	X	.019	.019	0	%100
162	M139	Z	0	0	0	%100
163	M140	X	.019	.019	0	%100
164	M140	Z	0	0	0	%100
165	M145	X	.019	.019	0	%100
166	M145	Z	0	0	0	%100
167	M146	X	.019	.019	0	%100
168	M146	Z	0	0	0	%100
169	M151	X	.019	.019	0	%100
170	M151	Z	0	0	0	%100
171	M152	X	.019	.019	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft,F....]	Start Location[ft, %]	End Location[ft, %]
172	M152	Z	0	0	0	%100
173	M157	X	.019	.019	0	%100
174	M157	Z	0	0	0	%100
175	M158	X	.019	.019	0	%100
176	M158	Z	0	0	0	%100
177	M163	X	.019	.019	0	%100
178	M163	Z	0	0	0	%100
179	M164	X	.019	.019	0	%100
180	M164	Z	0	0	0	%100
181	MP2A	X	.48	.48	0	%100
182	MP2A	Z	0	0	0	%100
183	MP1A	X	.48	.48	0	%100
184	MP1A	Z	0	0	0	%100
185	MP4A	X	.48	.48	0	%100
186	MP4A	Z	0	0	0	%100
187	MP2C	X	.48	.48	0	%100
188	MP2C	Z	0	0	0	%100
189	MP1C	X	.48	.48	0	%100
190	MP1C	Z	0	0	0	%100
191	MP4C	X	.48	.48	0	%100
192	MP4C	Z	0	0	0	%100
193	MP2B	X	.48	.48	0	%100
194	MP2B	Z	0	0	0	%100
195	MP1B	X	.48	.48	0	%100
196	MP1B	Z	0	0	0	%100
197	MP4B	X	.48	.48	0	%100
198	MP4B	Z	0	0	0	%100
199	MP3A	X	.48	.48	0	%100
200	MP3A	Z	0	0	0	%100
201	MP3C	X	.48	.48	0	%100
202	MP3C	Z	0	0	0	%100
203	MP3B	X	.48	.48	0	%100
204	MP3B	Z	0	0	0	%100
205	M185A	X	.607	.607	0	%100
206	M185A	Z	0	0	0	%100
207	M186	X	.607	.607	0	%100
208	M186	Z	0	0	0	%100
209	M187	X	0	0	0	%100
210	M187	Z	0	0	0	%100
211	M188	X	0	0	0	%100
212	M188	Z	0	0	0	%100
213	M188A	X	.438	.438	0	%100
214	M188A	Z	0	0	0	%100
215	M189	X	.607	.607	0	%100
216	M189	Z	0	0	0	%100
217	M190	X	.607	.607	0	%100
218	M190	Z	0	0	0	%100
219	M197	X	0	0	0	%100
220	M197	Z	0	0	0	%100
221	M196	X	.436	.436	0	%100
222	M196	Z	0	0	0	%100
223	M201A	X	.436	.436	0	%100
224	M201A	Z	0	0	0	%100
225	M212	X	.709	.709	0	%100
226	M212	Z	0	0	0	%100
227	M213	X	.709	.709	0	%100
228	M213	Z	0	0	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
229	M214	X	.517	.517	0	%100
230	M214	Z	0	0	0	%100
231	M215	X	.517	.517	0	%100
232	M215	Z	0	0	0	%100
233	M216	X	.517	.517	0	%100
234	M216	Z	0	0	0	%100
235	M217	X	.517	.517	0	%100
236	M217	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M1	X	.542	.542	0	%100
2	M1	Z	.313	.313	0	%100
3	M3	X	.022	.022	0	%100
4	M3	Z	.013	.013	0	%100
5	M4	X	.542	.542	0	%100
6	M4	Z	.313	.313	0	%100
7	M6	X	.022	.022	0	%100
8	M6	Z	.013	.013	0	%100
9	M7	X	0	0	0	%100
10	M7	Z	0	0	0	%100
11	M9	X	.088	.088	0	%100
12	M9	Z	.051	.051	0	%100
13	M10	X	.146	.146	0	%100
14	M10	Z	.084	.084	0	%100
15	M11	X	.146	.146	0	%100
16	M11	Z	.084	.084	0	%100
17	M12	X	.584	.584	0	%100
18	M12	Z	.337	.337	0	%100
19	MP5B	X	.415	.415	0	%100
20	MP5B	Z	.239	.239	0	%100
21	MP5A	X	.415	.415	0	%100
22	MP5A	Z	.239	.239	0	%100
23	MP5C	X	.415	.415	0	%100
24	MP5C	Z	.239	.239	0	%100
25	M16	X	.131	.131	0	%100
26	M16	Z	.076	.076	0	%100
27	M18	X	.131	.131	0	%100
28	M18	Z	.076	.076	0	%100
29	M19	X	.131	.131	0	%100
30	M19	Z	.076	.076	0	%100
31	M20	X	.131	.131	0	%100
32	M20	Z	.076	.076	0	%100
33	M21	X	.525	.525	0	%100
34	M21	Z	.303	.303	0	%100
35	M22	X	.525	.525	0	%100
36	M22	Z	.303	.303	0	%100
37	M23	X	.219	.219	0	%100
38	M23	Z	.126	.126	0	%100
39	M24	X	.219	.219	0	%100
40	M24	Z	.126	.126	0	%100
41	M25	X	.876	.876	0	%100
42	M25	Z	.505	.505	0	%100
43	M26	X	.131	.131	0	%100
44	M26	Z	.076	.076	0	%100
45	M27	X	.131	.131	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,....	End Magnitude[lb/ft,F...	Start Location[ft,.%]	End Location[ft,.%]
46	M27	Z	.076	.076	0	%100
47	M28	X	.131	.131	0	%100
48	M28	Z	.076	.076	0	%100
49	M29	X	.131	.131	0	%100
50	M29	Z	.076	.076	0	%100
51	M30	X	.525	.525	0	%100
52	M30	Z	.303	.303	0	%100
53	M31	X	.525	.525	0	%100
54	M31	Z	.303	.303	0	%100
55	M32	X	.219	.219	0	%100
56	M32	Z	.126	.126	0	%100
57	M33	X	.219	.219	0	%100
58	M33	Z	.126	.126	0	%100
59	M34	X	.876	.876	0	%100
60	M34	Z	.505	.505	0	%100
61	M35	X	.131	.131	0	%100
62	M35	Z	.076	.076	0	%100
63	M36	X	.131	.131	0	%100
64	M36	Z	.076	.076	0	%100
65	M37	X	.131	.131	0	%100
66	M37	Z	.076	.076	0	%100
67	M38	X	.131	.131	0	%100
68	M38	Z	.076	.076	0	%100
69	M39	X	.525	.525	0	%100
70	M39	Z	.303	.303	0	%100
71	M40	X	.525	.525	0	%100
72	M40	Z	.303	.303	0	%100
73	M41	X	.376	.376	0	%100
74	M41	Z	.217	.217	0	%100
75	M201	X	.376	.376	0	%100
76	M201	Z	.217	.217	0	%100
77	M50	X	.376	.376	0	%100
78	M50	Z	.217	.217	0	%100
79	M44	X	.376	.376	0	%100
80	M44	Z	.217	.217	0	%100
81	M45	X	.376	.376	0	%100
82	M45	Z	.217	.217	0	%100
83	M203	X	.376	.376	0	%100
84	M203	Z	.217	.217	0	%100
85	M200	X	.376	.376	0	%100
86	M200	Z	.217	.217	0	%100
87	M48	X	.376	.376	0	%100
88	M48	Z	.217	.217	0	%100
89	M49	X	.376	.376	0	%100
90	M49	Z	.217	.217	0	%100
91	M202	X	.376	.376	0	%100
92	M202	Z	.217	.217	0	%100
93	M51	X	.376	.376	0	%100
94	M51	Z	.217	.217	0	%100
95	M52	X	.376	.376	0	%100
96	M52	Z	.217	.217	0	%100
97	M53	X	.146	.146	0	%100
98	M53	Z	.084	.084	0	%100
99	M54	X	.549	.549	0	%100
100	M54	Z	.317	.317	0	%100
101	M55	X	.549	.549	0	%100
102	M55	Z	.317	.317	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,....	End Magnitude[lb/ft,F...	Start Location[ft,.%]	End Location[ft,.%]
103	M56	X	.456	.456	0	%100
104	M56	Z	.263	.263	0	%100
105	M57	X	.456	.456	0	%100
106	M57	Z	.263	.263	0	%100
107	M58	X	.072	.072	0	%100
108	M58	Z	.042	.042	0	%100
109	M61	X	.05	.05	0	%100
110	M61	Z	.029	.029	0	%100
111	M62	X	.05	.05	0	%100
112	M62	Z	.029	.029	0	%100
113	M67	X	.05	.05	0	%100
114	M67	Z	.029	.029	0	%100
115	M68	X	.05	.05	0	%100
116	M68	Z	.029	.029	0	%100
117	M73	X	.05	.05	0	%100
118	M73	Z	.029	.029	0	%100
119	M74	X	.05	.05	0	%100
120	M74	Z	.029	.029	0	%100
121	M79	X	.05	.05	0	%100
122	M79	Z	.029	.029	0	%100
123	M80	X	.05	.05	0	%100
124	M80	Z	.029	.029	0	%100
125	M85	X	.05	.05	0	%100
126	M85	Z	.029	.029	0	%100
127	M86	X	.05	.05	0	%100
128	M86	Z	.029	.029	0	%100
129	M91	X	.05	.05	0	%100
130	M91	Z	.029	.029	0	%100
131	M92	X	.05	.05	0	%100
132	M92	Z	.029	.029	0	%100
133	M97	X	.05	.05	0	%100
134	M97	Z	.029	.029	0	%100
135	M98	X	.05	.05	0	%100
136	M98	Z	.029	.029	0	%100
137	M103	X	.05	.05	0	%100
138	M103	Z	.029	.029	0	%100
139	M104	X	.05	.05	0	%100
140	M104	Z	.029	.029	0	%100
141	M109	X	.05	.05	0	%100
142	M109	Z	.029	.029	0	%100
143	M110	X	.05	.05	0	%100
144	M110	Z	.029	.029	0	%100
145	M115	X	.05	.05	0	%100
146	M115	Z	.029	.029	0	%100
147	M116	X	.05	.05	0	%100
148	M116	Z	.029	.029	0	%100
149	M121	X	.05	.05	0	%100
150	M121	Z	.029	.029	0	%100
151	M122	X	.05	.05	0	%100
152	M122	Z	.029	.029	0	%100
153	M127	X	.05	.05	0	%100
154	M127	Z	.029	.029	0	%100
155	M128	X	.05	.05	0	%100
156	M128	Z	.029	.029	0	%100
157	M133	X	0	0	0	%100
158	M133	Z	0	0	0	%100
159	M134	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
160	M134	Z	0	0	0	%100
161	M139	X	0	0	0	%100
162	M139	Z	0	0	0	%100
163	M140	X	0	0	0	%100
164	M140	Z	0	0	0	%100
165	M145	X	0	0	0	%100
166	M145	Z	0	0	0	%100
167	M146	X	0	0	0	%100
168	M146	Z	0	0	0	%100
169	M151	X	0	0	0	%100
170	M151	Z	0	0	0	%100
171	M152	X	0	0	0	%100
172	M152	Z	0	0	0	%100
173	M157	X	0	0	0	%100
174	M157	Z	0	0	0	%100
175	M158	X	0	0	0	%100
176	M158	Z	0	0	0	%100
177	M163	X	0	0	0	%100
178	M163	Z	0	0	0	%100
179	M164	X	0	0	0	%100
180	M164	Z	0	0	0	%100
181	MP2A	X	.416	.416	0	%100
182	MP2A	Z	.24	.24	0	%100
183	MP1A	X	.416	.416	0	%100
184	MP1A	Z	.24	.24	0	%100
185	MP4A	X	.416	.416	0	%100
186	MP4A	Z	.24	.24	0	%100
187	MP2C	X	.416	.416	0	%100
188	MP2C	Z	.24	.24	0	%100
189	MP1C	X	.416	.416	0	%100
190	MP1C	Z	.24	.24	0	%100
191	MP4C	X	.416	.416	0	%100
192	MP4C	Z	.24	.24	0	%100
193	MP2B	X	.416	.416	0	%100
194	MP2B	Z	.24	.24	0	%100
195	MP1B	X	.416	.416	0	%100
196	MP1B	Z	.24	.24	0	%100
197	MP4B	X	.416	.416	0	%100
198	MP4B	Z	.24	.24	0	%100
199	MP3A	X	.416	.416	0	%100
200	MP3A	Z	.24	.24	0	%100
201	MP3C	X	.416	.416	0	%100
202	MP3C	Z	.24	.24	0	%100
203	MP3B	X	.416	.416	0	%100
204	MP3B	Z	.24	.24	0	%100
205	M185A	X	.394	.394	0	%100
206	M185A	Z	.227	.227	0	%100
207	M186	X	.394	.394	0	%100
208	M186	Z	.227	.227	0	%100
209	M187	X	.131	.131	0	%100
210	M187	Z	.076	.076	0	%100
211	M188	X	.131	.131	0	%100
212	M188	Z	.076	.076	0	%100
213	M188A	X	.379	.379	0	%100
214	M188A	Z	.219	.219	0	%100
215	M189	X	.394	.394	0	%100
216	M189	Z	.227	.227	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%]	End Location[ft.%]
217	M190	X	.394	.394	0	%100
218	M190	Z	.227	.227	0	%100
219	M197	X	.126	.126	0	%100
220	M197	Z	.073	.073	0	%100
221	M196	X	.126	.126	0	%100
222	M196	Z	.073	.073	0	%100
223	M201A	X	.503	.503	0	%100
224	M201A	Z	.291	.291	0	%100
225	M212	X	.559	.559	0	%100
226	M212	Z	.323	.323	0	%100
227	M213	X	.559	.559	0	%100
228	M213	Z	.323	.323	0	%100
229	M214	X	.559	.559	0	%100
230	M214	Z	.323	.323	0	%100
231	M215	X	.559	.559	0	%100
232	M215	Z	.323	.323	0	%100
233	M216	X	.393	.393	0	%100
234	M216	Z	.227	.227	0	%100
235	M217	X	.393	.393	0	%100
236	M217	Z	.227	.227	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%]	End Location[ft.%]
1	M1	X	.104	.104	0	%100
2	M1	Z	.181	.181	0	%100
3	M3	X	.038	.038	0	%100
4	M3	Z	.066	.066	0	%100
5	M4	X	.417	.417	0	%100
6	M4	Z	.722	.722	0	%100
7	M6	X	0	0	0	%100
8	M6	Z	0	0	0	%100
9	M7	X	.104	.104	0	%100
10	M7	Z	.181	.181	0	%100
11	M9	X	.038	.038	0	%100
12	M9	Z	.066	.066	0	%100
13	M10	X	.253	.253	0	%100
14	M10	Z	.438	.438	0	%100
15	M11	X	0	0	0	%100
16	M11	Z	0	0	0	%100
17	M12	X	.253	.253	0	%100
18	M12	Z	.438	.438	0	%100
19	MP5B	X	.239	.239	0	%100
20	MP5B	Z	.415	.415	0	%100
21	MP5A	X	.239	.239	0	%100
22	MP5A	Z	.415	.415	0	%100
23	MP5C	X	.239	.239	0	%100
24	MP5C	Z	.415	.415	0	%100
25	M16	X	.227	.227	0	%100
26	M16	Z	.394	.394	0	%100
27	M18	X	.227	.227	0	%100
28	M18	Z	.394	.394	0	%100
29	M19	X	0	0	0	%100
30	M19	Z	0	0	0	%100
31	M20	X	0	0	0	%100
32	M20	Z	0	0	0	%100
33	M21	X	.227	.227	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft,F....]	Start Location[ft.%]	End Location[ft.%]
34	M21	Z	.394	.394	0	%100
35	M22	X	.227	.227	0	%100
36	M22	Z	.394	.394	0	%100
37	M23	X	.379	.379	0	%100
38	M23	Z	.657	.657	0	%100
39	M24	X	0	0	0	%100
40	M24	Z	0	0	0	%100
41	M25	X	.379	.379	0	%100
42	M25	Z	.657	.657	0	%100
43	M26	X	.227	.227	0	%100
44	M26	Z	.394	.394	0	%100
45	M27	X	.227	.227	0	%100
46	M27	Z	.394	.394	0	%100
47	M28	X	0	0	0	%100
48	M28	Z	0	0	0	%100
49	M29	X	0	0	0	%100
50	M29	Z	0	0	0	%100
51	M30	X	.227	.227	0	%100
52	M30	Z	.394	.394	0	%100
53	M31	X	.227	.227	0	%100
54	M31	Z	.394	.394	0	%100
55	M32	X	.379	.379	0	%100
56	M32	Z	.657	.657	0	%100
57	M33	X	0	0	0	%100
58	M33	Z	0	0	0	%100
59	M34	X	.379	.379	0	%100
60	M34	Z	.657	.657	0	%100
61	M35	X	.227	.227	0	%100
62	M35	Z	.394	.394	0	%100
63	M36	X	.227	.227	0	%100
64	M36	Z	.394	.394	0	%100
65	M37	X	0	0	0	%100
66	M37	Z	0	0	0	%100
67	M38	X	0	0	0	%100
68	M38	Z	0	0	0	%100
69	M39	X	.227	.227	0	%100
70	M39	Z	.394	.394	0	%100
71	M40	X	.227	.227	0	%100
72	M40	Z	.394	.394	0	%100
73	M41	X	.217	.217	0	%100
74	M41	Z	.376	.376	0	%100
75	M201	X	.217	.217	0	%100
76	M201	Z	.376	.376	0	%100
77	M50	X	.217	.217	0	%100
78	M50	Z	.376	.376	0	%100
79	M44	X	.217	.217	0	%100
80	M44	Z	.376	.376	0	%100
81	M45	X	.217	.217	0	%100
82	M45	Z	.376	.376	0	%100
83	M203	X	.217	.217	0	%100
84	M203	Z	.376	.376	0	%100
85	M200	X	.217	.217	0	%100
86	M200	Z	.376	.376	0	%100
87	M48	X	.217	.217	0	%100
88	M48	Z	.376	.376	0	%100
89	M49	X	.217	.217	0	%100
90	M49	Z	.376	.376	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
91	M202	X	.217	.217	0	%100
92	M202	Z	.376	.376	0	%100
93	M51	X	.217	.217	0	%100
94	M51	Z	.376	.376	0	%100
95	M52	X	.217	.217	0	%100
96	M52	Z	.376	.376	0	%100
97	M53	X	.253	.253	0	%100
98	M53	Z	.438	.438	0	%100
99	M54	X	.106	.106	0	%100
100	M54	Z	.183	.183	0	%100
101	M55	X	.106	.106	0	%100
102	M55	Z	.183	.183	0	%100
103	M56	X	.337	.337	0	%100
104	M56	Z	.584	.584	0	%100
105	M57	X	.115	.115	0	%100
106	M57	Z	.2	.2	0	%100
107	M58	X	.115	.115	0	%100
108	M58	Z	.2	.2	0	%100
109	M61	X	.01	.01	0	%100
110	M61	Z	.017	.017	0	%100
111	M62	X	.01	.01	0	%100
112	M62	Z	.017	.017	0	%100
113	M67	X	.01	.01	0	%100
114	M67	Z	.017	.017	0	%100
115	M68	X	.01	.01	0	%100
116	M68	Z	.017	.017	0	%100
117	M73	X	.01	.01	0	%100
118	M73	Z	.017	.017	0	%100
119	M74	X	.01	.01	0	%100
120	M74	Z	.017	.017	0	%100
121	M79	X	.01	.01	0	%100
122	M79	Z	.017	.017	0	%100
123	M80	X	.01	.01	0	%100
124	M80	Z	.017	.017	0	%100
125	M85	X	.01	.01	0	%100
126	M85	Z	.017	.017	0	%100
127	M86	X	.01	.01	0	%100
128	M86	Z	.017	.017	0	%100
129	M91	X	.01	.01	0	%100
130	M91	Z	.017	.017	0	%100
131	M92	X	.01	.01	0	%100
132	M92	Z	.017	.017	0	%100
133	M97	X	.038	.038	0	%100
134	M97	Z	.066	.066	0	%100
135	M98	X	.038	.038	0	%100
136	M98	Z	.066	.066	0	%100
137	M103	X	.038	.038	0	%100
138	M103	Z	.066	.066	0	%100
139	M104	X	.038	.038	0	%100
140	M104	Z	.066	.066	0	%100
141	M109	X	.038	.038	0	%100
142	M109	Z	.066	.066	0	%100
143	M110	X	.038	.038	0	%100
144	M110	Z	.066	.066	0	%100
145	M115	X	.038	.038	0	%100
146	M115	Z	.066	.066	0	%100
147	M116	X	.038	.038	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft,F....]	Start Location[ft, %]	End Location[ft, %]
148	M116	Z	.066	.066	0	%100
149	M121	X	.038	.038	0	%100
150	M121	Z	.066	.066	0	%100
151	M122	X	.038	.038	0	%100
152	M122	Z	.066	.066	0	%100
153	M127	X	.038	.038	0	%100
154	M127	Z	.066	.066	0	%100
155	M128	X	.038	.038	0	%100
156	M128	Z	.066	.066	0	%100
157	M133	X	.01	.01	0	%100
158	M133	Z	.017	.017	0	%100
159	M134	X	.01	.01	0	%100
160	M134	Z	.017	.017	0	%100
161	M139	X	.01	.01	0	%100
162	M139	Z	.017	.017	0	%100
163	M140	X	.01	.01	0	%100
164	M140	Z	.017	.017	0	%100
165	M145	X	.01	.01	0	%100
166	M145	Z	.017	.017	0	%100
167	M146	X	.01	.01	0	%100
168	M146	Z	.017	.017	0	%100
169	M151	X	.01	.01	0	%100
170	M151	Z	.017	.017	0	%100
171	M152	X	.01	.01	0	%100
172	M152	Z	.017	.017	0	%100
173	M157	X	.01	.01	0	%100
174	M157	Z	.017	.017	0	%100
175	M158	X	.01	.01	0	%100
176	M158	Z	.017	.017	0	%100
177	M163	X	.01	.01	0	%100
178	M163	Z	.017	.017	0	%100
179	M164	X	.01	.01	0	%100
180	M164	Z	.017	.017	0	%100
181	MP2A	X	.24	.24	0	%100
182	MP2A	Z	.416	.416	0	%100
183	MP1A	X	.24	.24	0	%100
184	MP1A	Z	.416	.416	0	%100
185	MP4A	X	.24	.24	0	%100
186	MP4A	Z	.416	.416	0	%100
187	MP2C	X	.24	.24	0	%100
188	MP2C	Z	.416	.416	0	%100
189	MP1C	X	.24	.24	0	%100
190	MP1C	Z	.416	.416	0	%100
191	MP4C	X	.24	.24	0	%100
192	MP4C	Z	.416	.416	0	%100
193	MP2B	X	.24	.24	0	%100
194	MP2B	Z	.416	.416	0	%100
195	MP1B	X	.24	.24	0	%100
196	MP1B	Z	.416	.416	0	%100
197	MP4B	X	.24	.24	0	%100
198	MP4B	Z	.416	.416	0	%100
199	MP3A	X	.24	.24	0	%100
200	MP3A	Z	.416	.416	0	%100
201	MP3C	X	.24	.24	0	%100
202	MP3C	Z	.416	.416	0	%100
203	MP3B	X	.24	.24	0	%100
204	MP3B	Z	.416	.416	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
205	M185A	X	.076	.076	0	%100
206	M185A	Z	.131	.131	0	%100
207	M186	X	.076	.076	0	%100
208	M186	Z	.131	.131	0	%100
209	M187	X	.227	.227	0	%100
210	M187	Z	.394	.394	0	%100
211	M188	X	.227	.227	0	%100
212	M188	Z	.394	.394	0	%100
213	M188A	X	.219	.219	0	%100
214	M188A	Z	.379	.379	0	%100
215	M189	X	.076	.076	0	%100
216	M189	Z	.131	.131	0	%100
217	M190	X	.076	.076	0	%100
218	M190	Z	.131	.131	0	%100
219	M197	X	.218	.218	0	%100
220	M197	Z	.378	.378	0	%100
221	M196	X	0	0	0	%100
222	M196	Z	0	0	0	%100
223	M201A	X	.218	.218	0	%100
224	M201A	Z	.378	.378	0	%100
225	M212	X	.259	.259	0	%100
226	M212	Z	.448	.448	0	%100
227	M213	X	.259	.259	0	%100
228	M213	Z	.448	.448	0	%100
229	M214	X	.355	.355	0	%100
230	M214	Z	.614	.614	0	%100
231	M215	X	.355	.355	0	%100
232	M215	Z	.614	.614	0	%100
233	M216	X	.259	.259	0	%100
234	M216	Z	.448	.448	0	%100
235	M217	X	.259	.259	0	%100
236	M217	Z	.448	.448	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M3	X	0	0	0	%100
4	M3	Z	.101	.101	0	%100
5	M4	X	0	0	0	%100
6	M4	Z	.626	.626	0	%100
7	M6	X	0	0	0	%100
8	M6	Z	.025	.025	0	%100
9	M7	X	0	0	0	%100
10	M7	Z	.626	.626	0	%100
11	M9	X	0	0	0	%100
12	M9	Z	.025	.025	0	%100
13	M10	X	0	0	0	%100
14	M10	Z	.674	.674	0	%100
15	M11	X	0	0	0	%100
16	M11	Z	.168	.168	0	%100
17	M12	X	0	0	0	%100
18	M12	Z	.168	.168	0	%100
19	MP5B	X	0	0	0	%100
20	MP5B	Z	.479	.479	0	%100
21	MP5A	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,....]	End Magnitude[lb/ft,F....]	Start Location[ft,.%]	End Location[ft,.%]
22	MP5A	Z	.479	.479	0	%100
23	MP5C	X	0	0	0	%100
24	MP5C	Z	.479	.479	0	%100
25	M16	X	0	0	0	%100
26	M16	Z	.607	.607	0	%100
27	M18	X	0	0	0	%100
28	M18	Z	.607	.607	0	%100
29	M19	X	0	0	0	%100
30	M19	Z	.152	.152	0	%100
31	M20	X	0	0	0	%100
32	M20	Z	.152	.152	0	%100
33	M21	X	0	0	0	%100
34	M21	Z	.152	.152	0	%100
35	M22	X	0	0	0	%100
36	M22	Z	.152	.152	0	%100
37	M23	X	0	0	0	%100
38	M23	Z	1.011	1.011	0	%100
39	M24	X	0	0	0	%100
40	M24	Z	.253	.253	0	%100
41	M25	X	0	0	0	%100
42	M25	Z	.253	.253	0	%100
43	M26	X	0	0	0	%100
44	M26	Z	.607	.607	0	%100
45	M27	X	0	0	0	%100
46	M27	Z	.607	.607	0	%100
47	M28	X	0	0	0	%100
48	M28	Z	.152	.152	0	%100
49	M29	X	0	0	0	%100
50	M29	Z	.152	.152	0	%100
51	M30	X	0	0	0	%100
52	M30	Z	.152	.152	0	%100
53	M31	X	0	0	0	%100
54	M31	Z	.152	.152	0	%100
55	M32	X	0	0	0	%100
56	M32	Z	1.011	1.011	0	%100
57	M33	X	0	0	0	%100
58	M33	Z	.253	.253	0	%100
59	M34	X	0	0	0	%100
60	M34	Z	.253	.253	0	%100
61	M35	X	0	0	0	%100
62	M35	Z	.607	.607	0	%100
63	M36	X	0	0	0	%100
64	M36	Z	.607	.607	0	%100
65	M37	X	0	0	0	%100
66	M37	Z	.152	.152	0	%100
67	M38	X	0	0	0	%100
68	M38	Z	.152	.152	0	%100
69	M39	X	0	0	0	%100
70	M39	Z	.152	.152	0	%100
71	M40	X	0	0	0	%100
72	M40	Z	.152	.152	0	%100
73	M41	X	0	0	0	%100
74	M41	Z	.434	.434	0	%100
75	M201	X	0	0	0	%100
76	M201	Z	.434	.434	0	%100
77	M50	X	0	0	0	%100
78	M50	Z	.434	.434	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft,F....	Start Location[ft.%,]	End Location[ft.%,]
79	M44	X	0	0	0	%100
80	M44	Z	.434	.434	0	%100
81	M45	X	0	0	0	%100
82	M45	Z	.434	.434	0	%100
83	M203	X	0	0	0	%100
84	M203	Z	.434	.434	0	%100
85	M200	X	0	0	0	%100
86	M200	Z	.434	.434	0	%100
87	M48	X	0	0	0	%100
88	M48	Z	.434	.434	0	%100
89	M49	X	0	0	0	%100
90	M49	Z	.434	.434	0	%100
91	M202	X	0	0	0	%100
92	M202	Z	.434	.434	0	%100
93	M51	X	0	0	0	%100
94	M51	Z	.434	.434	0	%100
95	M52	X	0	0	0	%100
96	M52	Z	.434	.434	0	%100
97	M53	X	0	0	0	%100
98	M53	Z	.674	.674	0	%100
99	M54	X	0	0	0	%100
100	M54	Z	0	0	0	%100
101	M55	X	0	0	0	%100
102	M55	Z	0	0	0	%100
103	M56	X	0	0	0	%100
104	M56	Z	.526	.526	0	%100
105	M57	X	0	0	0	%100
106	M57	Z	.083	.083	0	%100
107	M58	X	0	0	0	%100
108	M58	Z	.526	.526	0	%100
109	M61	X	0	0	0	%100
110	M61	Z	0	0	0	%100
111	M62	X	0	0	0	%100
112	M62	Z	0	0	0	%100
113	M67	X	0	0	0	%100
114	M67	Z	0	0	0	%100
115	M68	X	0	0	0	%100
116	M68	Z	0	0	0	%100
117	M73	X	0	0	0	%100
118	M73	Z	0	0	0	%100
119	M74	X	0	0	0	%100
120	M74	Z	0	0	0	%100
121	M79	X	0	0	0	%100
122	M79	Z	0	0	0	%100
123	M80	X	0	0	0	%100
124	M80	Z	0	0	0	%100
125	M85	X	0	0	0	%100
126	M85	Z	0	0	0	%100
127	M86	X	0	0	0	%100
128	M86	Z	0	0	0	%100
129	M91	X	0	0	0	%100
130	M91	Z	0	0	0	%100
131	M92	X	0	0	0	%100
132	M92	Z	0	0	0	%100
133	M97	X	0	0	0	%100
134	M97	Z	.058	.058	0	%100
135	M98	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft,F....]	Start Location[ft.%]	End Location[ft.%]
136	M98	Z	.058	.058	0	%100
137	M103	X	0	0	0	%100
138	M103	Z	.058	.058	0	%100
139	M104	X	0	0	0	%100
140	M104	Z	.058	.058	0	%100
141	M109	X	0	0	0	%100
142	M109	Z	.058	.058	0	%100
143	M110	X	0	0	0	%100
144	M110	Z	.058	.058	0	%100
145	M115	X	0	0	0	%100
146	M115	Z	.058	.058	0	%100
147	M116	X	0	0	0	%100
148	M116	Z	.058	.058	0	%100
149	M121	X	0	0	0	%100
150	M121	Z	.058	.058	0	%100
151	M122	X	0	0	0	%100
152	M122	Z	.058	.058	0	%100
153	M127	X	0	0	0	%100
154	M127	Z	.058	.058	0	%100
155	M128	X	0	0	0	%100
156	M128	Z	.058	.058	0	%100
157	M133	X	0	0	0	%100
158	M133	Z	.058	.058	0	%100
159	M134	X	0	0	0	%100
160	M134	Z	.058	.058	0	%100
161	M139	X	0	0	0	%100
162	M139	Z	.058	.058	0	%100
163	M140	X	0	0	0	%100
164	M140	Z	.058	.058	0	%100
165	M145	X	0	0	0	%100
166	M145	Z	.058	.058	0	%100
167	M146	X	0	0	0	%100
168	M146	Z	.058	.058	0	%100
169	M151	X	0	0	0	%100
170	M151	Z	.058	.058	0	%100
171	M152	X	0	0	0	%100
172	M152	Z	.058	.058	0	%100
173	M157	X	0	0	0	%100
174	M157	Z	.058	.058	0	%100
175	M158	X	0	0	0	%100
176	M158	Z	.058	.058	0	%100
177	M163	X	0	0	0	%100
178	M163	Z	.058	.058	0	%100
179	M164	X	0	0	0	%100
180	M164	Z	.058	.058	0	%100
181	MP2A	X	0	0	0	%100
182	MP2A	Z	.48	.48	0	%100
183	MP1A	X	0	0	0	%100
184	MP1A	Z	.48	.48	0	%100
185	MP4A	X	0	0	0	%100
186	MP4A	Z	.48	.48	0	%100
187	MP2C	X	0	0	0	%100
188	MP2C	Z	.48	.48	0	%100
189	MP1C	X	0	0	0	%100
190	MP1C	Z	.48	.48	0	%100
191	MP4C	X	0	0	0	%100
192	MP4C	Z	.48	.48	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft,F...	Start Location[ft.%]	End Location[ft.%]
193	MP2B	X	0	0	0	%100
194	MP2B	Z	.48	.48	0	%100
195	MP1B	X	0	0	0	%100
196	MP1B	Z	.48	.48	0	%100
197	MP4B	X	0	0	0	%100
198	MP4B	Z	.48	.48	0	%100
199	MP3A	X	0	0	0	%100
200	MP3A	Z	.48	.48	0	%100
201	MP3C	X	0	0	0	%100
202	MP3C	Z	.48	.48	0	%100
203	MP3B	X	0	0	0	%100
204	MP3B	Z	.48	.48	0	%100
205	M185A	X	0	0	0	%100
206	M185A	Z	0	0	0	%100
207	M186	X	0	0	0	%100
208	M186	Z	0	0	0	%100
209	M187	X	0	0	0	%100
210	M187	Z	.607	.607	0	%100
211	M188	X	0	0	0	%100
212	M188	Z	.607	.607	0	%100
213	M188A	X	0	0	0	%100
214	M188A	Z	.438	.438	0	%100
215	M189	X	0	0	0	%100
216	M189	Z	0	0	0	%100
217	M190	X	0	0	0	%100
218	M190	Z	0	0	0	%100
219	M197	X	0	0	0	%100
220	M197	Z	.581	.581	0	%100
221	M196	X	0	0	0	%100
222	M196	Z	.145	.145	0	%100
223	M201A	X	0	0	0	%100
224	M201A	Z	.145	.145	0	%100
225	M212	X	0	0	0	%100
226	M212	Z	.453	.453	0	%100
227	M213	X	0	0	0	%100
228	M213	Z	.453	.453	0	%100
229	M214	X	0	0	0	%100
230	M214	Z	.645	.645	0	%100
231	M215	X	0	0	0	%100
232	M215	Z	.645	.645	0	%100
233	M216	X	0	0	0	%100
234	M216	Z	.645	.645	0	%100
235	M217	X	0	0	0	%100
236	M217	Z	.645	.645	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft,F...	Start Location[ft.%]	End Location[ft.%]
1	M1	X	-.104	-.104	0	%100
2	M1	Z	.181	.181	0	%100
3	M3	X	-.038	-.038	0	%100
4	M3	Z	.066	.066	0	%100
5	M4	X	-.104	-.104	0	%100
6	M4	Z	.181	.181	0	%100
7	M6	X	-.038	-.038	0	%100
8	M6	Z	.066	.066	0	%100
9	M7	X	-.417	-.417	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft,F....]	Start Location[ft, %]	End Location[ft, %]
10	M7	Z	.722	.722	0	%100
11	M9	X	0	0	0	%100
12	M9	Z	0	0	0	%100
13	M10	X	-.253	-.253	0	%100
14	M10	Z	.438	.438	0	%100
15	M11	X	-.253	-.253	0	%100
16	M11	Z	.438	.438	0	%100
17	M12	X	0	0	0	%100
18	M12	Z	0	0	0	%100
19	MP5B	X	-.239	-.239	0	%100
20	MP5B	Z	.415	.415	0	%100
21	MP5A	X	-.239	-.239	0	%100
22	MP5A	Z	.415	.415	0	%100
23	MP5C	X	-.239	-.239	0	%100
24	MP5C	Z	.415	.415	0	%100
25	M16	X	-.227	-.227	0	%100
26	M16	Z	.394	.394	0	%100
27	M18	X	-.227	-.227	0	%100
28	M18	Z	.394	.394	0	%100
29	M19	X	-.227	-.227	0	%100
30	M19	Z	.394	.394	0	%100
31	M20	X	-.227	-.227	0	%100
32	M20	Z	.394	.394	0	%100
33	M21	X	0	0	0	%100
34	M21	Z	0	0	0	%100
35	M22	X	0	0	0	%100
36	M22	Z	0	0	0	%100
37	M23	X	-.379	-.379	0	%100
38	M23	Z	.657	.657	0	%100
39	M24	X	-.379	-.379	0	%100
40	M24	Z	.657	.657	0	%100
41	M25	X	0	0	0	%100
42	M25	Z	0	0	0	%100
43	M26	X	-.227	-.227	0	%100
44	M26	Z	.394	.394	0	%100
45	M27	X	-.227	-.227	0	%100
46	M27	Z	.394	.394	0	%100
47	M28	X	-.227	-.227	0	%100
48	M28	Z	.394	.394	0	%100
49	M29	X	-.227	-.227	0	%100
50	M29	Z	.394	.394	0	%100
51	M30	X	0	0	0	%100
52	M30	Z	0	0	0	%100
53	M31	X	0	0	0	%100
54	M31	Z	0	0	0	%100
55	M32	X	-.379	-.379	0	%100
56	M32	Z	.657	.657	0	%100
57	M33	X	-.379	-.379	0	%100
58	M33	Z	.657	.657	0	%100
59	M34	X	0	0	0	%100
60	M34	Z	0	0	0	%100
61	M35	X	-.227	-.227	0	%100
62	M35	Z	.394	.394	0	%100
63	M36	X	-.227	-.227	0	%100
64	M36	Z	.394	.394	0	%100
65	M37	X	-.227	-.227	0	%100
66	M37	Z	.394	.394	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
67	M38	X	-.227	-.227	0	%100
68	M38	Z	.394	.394	0	%100
69	M39	X	0	0	0	%100
70	M39	Z	0	0	0	%100
71	M40	X	0	0	0	%100
72	M40	Z	0	0	0	%100
73	M41	X	-.217	-.217	0	%100
74	M41	Z	.376	.376	0	%100
75	M201	X	-.217	-.217	0	%100
76	M201	Z	.376	.376	0	%100
77	M50	X	-.217	-.217	0	%100
78	M50	Z	.376	.376	0	%100
79	M44	X	-.217	-.217	0	%100
80	M44	Z	.376	.376	0	%100
81	M45	X	-.217	-.217	0	%100
82	M45	Z	.376	.376	0	%100
83	M203	X	-.217	-.217	0	%100
84	M203	Z	.376	.376	0	%100
85	M200	X	-.217	-.217	0	%100
86	M200	Z	.376	.376	0	%100
87	M48	X	-.217	-.217	0	%100
88	M48	Z	.376	.376	0	%100
89	M49	X	-.217	-.217	0	%100
90	M49	Z	.376	.376	0	%100
91	M202	X	-.217	-.217	0	%100
92	M202	Z	.376	.376	0	%100
93	M51	X	-.217	-.217	0	%100
94	M51	Z	.376	.376	0	%100
95	M52	X	-.217	-.217	0	%100
96	M52	Z	.376	.376	0	%100
97	M53	X	-.253	-.253	0	%100
98	M53	Z	.438	.438	0	%100
99	M54	X	-.106	-.106	0	%100
100	M54	Z	.183	.183	0	%100
101	M55	X	-.106	-.106	0	%100
102	M55	Z	.183	.183	0	%100
103	M56	X	-.115	-.115	0	%100
104	M56	Z	.2	.2	0	%100
105	M57	X	-.115	-.115	0	%100
106	M57	Z	.2	.2	0	%100
107	M58	X	-.337	-.337	0	%100
108	M58	Z	.584	.584	0	%100
109	M61	X	-.01	-.01	0	%100
110	M61	Z	.017	.017	0	%100
111	M62	X	-.01	-.01	0	%100
112	M62	Z	.017	.017	0	%100
113	M67	X	-.01	-.01	0	%100
114	M67	Z	.017	.017	0	%100
115	M68	X	-.01	-.01	0	%100
116	M68	Z	.017	.017	0	%100
117	M73	X	-.01	-.01	0	%100
118	M73	Z	.017	.017	0	%100
119	M74	X	-.01	-.01	0	%100
120	M74	Z	.017	.017	0	%100
121	M79	X	-.01	-.01	0	%100
122	M79	Z	.017	.017	0	%100
123	M80	X	-.01	-.01	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft,F....]	Start Location[ft. %]	End Location[ft. %]
124	M80	Z	.017	.017	0	%100
125	M85	X	-.01	-.01	0	%100
126	M85	Z	.017	.017	0	%100
127	M86	X	-.01	-.01	0	%100
128	M86	Z	.017	.017	0	%100
129	M91	X	-.01	-.01	0	%100
130	M91	Z	.017	.017	0	%100
131	M92	X	-.01	-.01	0	%100
132	M92	Z	.017	.017	0	%100
133	M97	X	-.01	-.01	0	%100
134	M97	Z	.017	.017	0	%100
135	M98	X	-.01	-.01	0	%100
136	M98	Z	.017	.017	0	%100
137	M103	X	-.01	-.01	0	%100
138	M103	Z	.017	.017	0	%100
139	M104	X	-.01	-.01	0	%100
140	M104	Z	.017	.017	0	%100
141	M109	X	-.01	-.01	0	%100
142	M109	Z	.017	.017	0	%100
143	M110	X	-.01	-.01	0	%100
144	M110	Z	.017	.017	0	%100
145	M115	X	-.01	-.01	0	%100
146	M115	Z	.017	.017	0	%100
147	M116	X	-.01	-.01	0	%100
148	M116	Z	.017	.017	0	%100
149	M121	X	-.01	-.01	0	%100
150	M121	Z	.017	.017	0	%100
151	M122	X	-.01	-.01	0	%100
152	M122	Z	.017	.017	0	%100
153	M127	X	-.01	-.01	0	%100
154	M127	Z	.017	.017	0	%100
155	M128	X	-.01	-.01	0	%100
156	M128	Z	.017	.017	0	%100
157	M133	X	-.038	-.038	0	%100
158	M133	Z	.066	.066	0	%100
159	M134	X	-.038	-.038	0	%100
160	M134	Z	.066	.066	0	%100
161	M139	X	-.038	-.038	0	%100
162	M139	Z	.066	.066	0	%100
163	M140	X	-.038	-.038	0	%100
164	M140	Z	.066	.066	0	%100
165	M145	X	-.038	-.038	0	%100
166	M145	Z	.066	.066	0	%100
167	M146	X	-.038	-.038	0	%100
168	M146	Z	.066	.066	0	%100
169	M151	X	-.038	-.038	0	%100
170	M151	Z	.066	.066	0	%100
171	M152	X	-.038	-.038	0	%100
172	M152	Z	.066	.066	0	%100
173	M157	X	-.038	-.038	0	%100
174	M157	Z	.066	.066	0	%100
175	M158	X	-.038	-.038	0	%100
176	M158	Z	.066	.066	0	%100
177	M163	X	-.038	-.038	0	%100
178	M163	Z	.066	.066	0	%100
179	M164	X	-.038	-.038	0	%100
180	M164	Z	.066	.066	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
181	MP2A	X	-.24	-.24	0	%100
182	MP2A	Z	.416	.416	0	%100
183	MP1A	X	-.24	-.24	0	%100
184	MP1A	Z	.416	.416	0	%100
185	MP4A	X	-.24	-.24	0	%100
186	MP4A	Z	.416	.416	0	%100
187	MP2C	X	-.24	-.24	0	%100
188	MP2C	Z	.416	.416	0	%100
189	MP1C	X	-.24	-.24	0	%100
190	MP1C	Z	.416	.416	0	%100
191	MP4C	X	-.24	-.24	0	%100
192	MP4C	Z	.416	.416	0	%100
193	MP2B	X	-.24	-.24	0	%100
194	MP2B	Z	.416	.416	0	%100
195	MP1B	X	-.24	-.24	0	%100
196	MP1B	Z	.416	.416	0	%100
197	MP4B	X	-.24	-.24	0	%100
198	MP4B	Z	.416	.416	0	%100
199	MP3A	X	-.24	-.24	0	%100
200	MP3A	Z	.416	.416	0	%100
201	MP3C	X	-.24	-.24	0	%100
202	MP3C	Z	.416	.416	0	%100
203	MP3B	X	-.24	-.24	0	%100
204	MP3B	Z	.416	.416	0	%100
205	M185A	X	-.076	-.076	0	%100
206	M185A	Z	.131	.131	0	%100
207	M186	X	-.076	-.076	0	%100
208	M186	Z	.131	.131	0	%100
209	M187	X	-.227	-.227	0	%100
210	M187	Z	.394	.394	0	%100
211	M188	X	-.227	-.227	0	%100
212	M188	Z	.394	.394	0	%100
213	M188A	X	-.219	-.219	0	%100
214	M188A	Z	.379	.379	0	%100
215	M189	X	-.076	-.076	0	%100
216	M189	Z	.131	.131	0	%100
217	M190	X	-.076	-.076	0	%100
218	M190	Z	.131	.131	0	%100
219	M197	X	-.218	-.218	0	%100
220	M197	Z	.378	.378	0	%100
221	M196	X	-.218	-.218	0	%100
222	M196	Z	.378	.378	0	%100
223	M201A	X	0	0	0	%100
224	M201A	Z	0	0	0	%100
225	M212	X	-.259	-.259	0	%100
226	M212	Z	.448	.448	0	%100
227	M213	X	-.259	-.259	0	%100
228	M213	Z	.448	.448	0	%100
229	M214	X	-.259	-.259	0	%100
230	M214	Z	.448	.448	0	%100
231	M215	X	-.259	-.259	0	%100
232	M215	Z	.448	.448	0	%100
233	M216	X	-.355	-.355	0	%100
234	M216	Z	.614	.614	0	%100
235	M217	X	-.355	-.355	0	%100
236	M217	Z	.614	.614	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft.%]	End Location[ft.%]
1	M1	X	-.542	-.542	0	%100
2	M1	Z	.313	.313	0	%100
3	M3	X	-.022	-.022	0	%100
4	M3	Z	.013	.013	0	%100
5	M4	X	0	0	0	%100
6	M4	Z	0	0	0	%100
7	M6	X	-.088	-.088	0	%100
8	M6	Z	.051	.051	0	%100
9	M7	X	-.542	-.542	0	%100
10	M7	Z	.313	.313	0	%100
11	M9	X	-.022	-.022	0	%100
12	M9	Z	.013	.013	0	%100
13	M10	X	-.146	-.146	0	%100
14	M10	Z	.084	.084	0	%100
15	M11	X	-.584	-.584	0	%100
16	M11	Z	.337	.337	0	%100
17	M12	X	-.146	-.146	0	%100
18	M12	Z	.084	.084	0	%100
19	MP5B	X	-.415	-.415	0	%100
20	MP5B	Z	.239	.239	0	%100
21	MP5A	X	-.415	-.415	0	%100
22	MP5A	Z	.239	.239	0	%100
23	MP5C	X	-.415	-.415	0	%100
24	MP5C	Z	.239	.239	0	%100
25	M16	X	-.131	-.131	0	%100
26	M16	Z	.076	.076	0	%100
27	M18	X	-.131	-.131	0	%100
28	M18	Z	.076	.076	0	%100
29	M19	X	-.525	-.525	0	%100
30	M19	Z	.303	.303	0	%100
31	M20	X	-.525	-.525	0	%100
32	M20	Z	.303	.303	0	%100
33	M21	X	-.131	-.131	0	%100
34	M21	Z	.076	.076	0	%100
35	M22	X	-.131	-.131	0	%100
36	M22	Z	.076	.076	0	%100
37	M23	X	-.219	-.219	0	%100
38	M23	Z	.126	.126	0	%100
39	M24	X	-.876	-.876	0	%100
40	M24	Z	.505	.505	0	%100
41	M25	X	-.219	-.219	0	%100
42	M25	Z	.126	.126	0	%100
43	M26	X	-.131	-.131	0	%100
44	M26	Z	.076	.076	0	%100
45	M27	X	-.131	-.131	0	%100
46	M27	Z	.076	.076	0	%100
47	M28	X	-.525	-.525	0	%100
48	M28	Z	.303	.303	0	%100
49	M29	X	-.525	-.525	0	%100
50	M29	Z	.303	.303	0	%100
51	M30	X	-.131	-.131	0	%100
52	M30	Z	.076	.076	0	%100
53	M31	X	-.131	-.131	0	%100
54	M31	Z	.076	.076	0	%100
55	M32	X	-.219	-.219	0	%100
56	M32	Z	.126	.126	0	%100
57	M33	X	-.876	-.876	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft,F....]	Start Location[ft.%]	End Location[ft.%]
58	M33	Z	.505	.505	0	%100
59	M34	X	-.219	-.219	0	%100
60	M34	Z	.126	.126	0	%100
61	M35	X	-.131	-.131	0	%100
62	M35	Z	.076	.076	0	%100
63	M36	X	-.131	-.131	0	%100
64	M36	Z	.076	.076	0	%100
65	M37	X	-.525	-.525	0	%100
66	M37	Z	.303	.303	0	%100
67	M38	X	-.525	-.525	0	%100
68	M38	Z	.303	.303	0	%100
69	M39	X	-.131	-.131	0	%100
70	M39	Z	.076	.076	0	%100
71	M40	X	-.131	-.131	0	%100
72	M40	Z	.076	.076	0	%100
73	M41	X	-.376	-.376	0	%100
74	M41	Z	.217	.217	0	%100
75	M201	X	-.376	-.376	0	%100
76	M201	Z	.217	.217	0	%100
77	M50	X	-.376	-.376	0	%100
78	M50	Z	.217	.217	0	%100
79	M44	X	-.376	-.376	0	%100
80	M44	Z	.217	.217	0	%100
81	M45	X	-.376	-.376	0	%100
82	M45	Z	.217	.217	0	%100
83	M203	X	-.376	-.376	0	%100
84	M203	Z	.217	.217	0	%100
85	M200	X	-.376	-.376	0	%100
86	M200	Z	.217	.217	0	%100
87	M48	X	-.376	-.376	0	%100
88	M48	Z	.217	.217	0	%100
89	M49	X	-.376	-.376	0	%100
90	M49	Z	.217	.217	0	%100
91	M202	X	-.376	-.376	0	%100
92	M202	Z	.217	.217	0	%100
93	M51	X	-.376	-.376	0	%100
94	M51	Z	.217	.217	0	%100
95	M52	X	-.376	-.376	0	%100
96	M52	Z	.217	.217	0	%100
97	M53	X	-.146	-.146	0	%100
98	M53	Z	.084	.084	0	%100
99	M54	X	-.549	-.549	0	%100
100	M54	Z	.317	.317	0	%100
101	M55	X	-.549	-.549	0	%100
102	M55	Z	.317	.317	0	%100
103	M56	X	-.072	-.072	0	%100
104	M56	Z	.042	.042	0	%100
105	M57	X	-.456	-.456	0	%100
106	M57	Z	.263	.263	0	%100
107	M58	X	-.456	-.456	0	%100
108	M58	Z	.263	.263	0	%100
109	M61	X	-.05	-.05	0	%100
110	M61	Z	.029	.029	0	%100
111	M62	X	-.05	-.05	0	%100
112	M62	Z	.029	.029	0	%100
113	M67	X	-.05	-.05	0	%100
114	M67	Z	.029	.029	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
115	M68	X	-0.05	-0.05	0	%100
116	M68	Z	.029	.029	0	%100
117	M73	X	-0.05	-0.05	0	%100
118	M73	Z	.029	.029	0	%100
119	M74	X	-0.05	-0.05	0	%100
120	M74	Z	.029	.029	0	%100
121	M79	X	-0.05	-0.05	0	%100
122	M79	Z	.029	.029	0	%100
123	M80	X	-0.05	-0.05	0	%100
124	M80	Z	.029	.029	0	%100
125	M85	X	-0.05	-0.05	0	%100
126	M85	Z	.029	.029	0	%100
127	M86	X	-0.05	-0.05	0	%100
128	M86	Z	.029	.029	0	%100
129	M91	X	-0.05	-0.05	0	%100
130	M91	Z	.029	.029	0	%100
131	M92	X	-0.05	-0.05	0	%100
132	M92	Z	.029	.029	0	%100
133	M97	X	0	0	0	%100
134	M97	Z	0	0	0	%100
135	M98	X	0	0	0	%100
136	M98	Z	0	0	0	%100
137	M103	X	0	0	0	%100
138	M103	Z	0	0	0	%100
139	M104	X	0	0	0	%100
140	M104	Z	0	0	0	%100
141	M109	X	0	0	0	%100
142	M109	Z	0	0	0	%100
143	M110	X	0	0	0	%100
144	M110	Z	0	0	0	%100
145	M115	X	0	0	0	%100
146	M115	Z	0	0	0	%100
147	M116	X	0	0	0	%100
148	M116	Z	0	0	0	%100
149	M121	X	0	0	0	%100
150	M121	Z	0	0	0	%100
151	M122	X	0	0	0	%100
152	M122	Z	0	0	0	%100
153	M127	X	0	0	0	%100
154	M127	Z	0	0	0	%100
155	M128	X	0	0	0	%100
156	M128	Z	0	0	0	%100
157	M133	X	-0.05	-0.05	0	%100
158	M133	Z	.029	.029	0	%100
159	M134	X	-0.05	-0.05	0	%100
160	M134	Z	.029	.029	0	%100
161	M139	X	-0.05	-0.05	0	%100
162	M139	Z	.029	.029	0	%100
163	M140	X	-0.05	-0.05	0	%100
164	M140	Z	.029	.029	0	%100
165	M145	X	-0.05	-0.05	0	%100
166	M145	Z	.029	.029	0	%100
167	M146	X	-0.05	-0.05	0	%100
168	M146	Z	.029	.029	0	%100
169	M151	X	-0.05	-0.05	0	%100
170	M151	Z	.029	.029	0	%100
171	M152	X	-0.05	-0.05	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft,F....]	Start Location[ft. %]	End Location[ft. %]
172	M152	Z	.029	.029	0	%100
173	M157	X	-.05	-.05	0	%100
174	M157	Z	.029	.029	0	%100
175	M158	X	-.05	-.05	0	%100
176	M158	Z	.029	.029	0	%100
177	M163	X	-.05	-.05	0	%100
178	M163	Z	.029	.029	0	%100
179	M164	X	-.05	-.05	0	%100
180	M164	Z	.029	.029	0	%100
181	MP2A	X	-.416	-.416	0	%100
182	MP2A	Z	.24	.24	0	%100
183	MP1A	X	-.416	-.416	0	%100
184	MP1A	Z	.24	.24	0	%100
185	MP4A	X	-.416	-.416	0	%100
186	MP4A	Z	.24	.24	0	%100
187	MP2C	X	-.416	-.416	0	%100
188	MP2C	Z	.24	.24	0	%100
189	MP1C	X	-.416	-.416	0	%100
190	MP1C	Z	.24	.24	0	%100
191	MP4C	X	-.416	-.416	0	%100
192	MP4C	Z	.24	.24	0	%100
193	MP2B	X	-.416	-.416	0	%100
194	MP2B	Z	.24	.24	0	%100
195	MP1B	X	-.416	-.416	0	%100
196	MP1B	Z	.24	.24	0	%100
197	MP4B	X	-.416	-.416	0	%100
198	MP4B	Z	.24	.24	0	%100
199	MP3A	X	-.416	-.416	0	%100
200	MP3A	Z	.24	.24	0	%100
201	MP3C	X	-.416	-.416	0	%100
202	MP3C	Z	.24	.24	0	%100
203	MP3B	X	-.416	-.416	0	%100
204	MP3B	Z	.24	.24	0	%100
205	M185A	X	-.394	-.394	0	%100
206	M185A	Z	.227	.227	0	%100
207	M186	X	-.394	-.394	0	%100
208	M186	Z	.227	.227	0	%100
209	M187	X	-.131	-.131	0	%100
210	M187	Z	.076	.076	0	%100
211	M188	X	-.131	-.131	0	%100
212	M188	Z	.076	.076	0	%100
213	M188A	X	-.379	-.379	0	%100
214	M188A	Z	.219	.219	0	%100
215	M189	X	-.394	-.394	0	%100
216	M189	Z	.227	.227	0	%100
217	M190	X	-.394	-.394	0	%100
218	M190	Z	.227	.227	0	%100
219	M197	X	-.126	-.126	0	%100
220	M197	Z	.073	.073	0	%100
221	M196	X	-.503	-.503	0	%100
222	M196	Z	.291	.291	0	%100
223	M201A	X	-.126	-.126	0	%100
224	M201A	Z	.073	.073	0	%100
225	M212	X	-.559	-.559	0	%100
226	M212	Z	.323	.323	0	%100
227	M213	X	-.559	-.559	0	%100
228	M213	Z	.323	.323	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
229	M214	X	-.393	-.393	0	%100
230	M214	Z	.227	.227	0	%100
231	M215	X	-.393	-.393	0	%100
232	M215	Z	.227	.227	0	%100
233	M216	X	-.559	-.559	0	%100
234	M216	Z	.323	.323	0	%100
235	M217	X	-.559	-.559	0	%100
236	M217	Z	.323	.323	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M1	X	-.834	-.834	0	%100
2	M1	Z	0	0	0	%100
3	M3	X	0	0	0	%100
4	M3	Z	0	0	0	%100
5	M4	X	-.209	-.209	0	%100
6	M4	Z	0	0	0	%100
7	M6	X	-.076	-.076	0	%100
8	M6	Z	0	0	0	%100
9	M7	X	-.209	-.209	0	%100
10	M7	Z	0	0	0	%100
11	M9	X	-.076	-.076	0	%100
12	M9	Z	0	0	0	%100
13	M10	X	0	0	0	%100
14	M10	Z	0	0	0	%100
15	M11	X	-.505	-.505	0	%100
16	M11	Z	0	0	0	%100
17	M12	X	-.505	-.505	0	%100
18	M12	Z	0	0	0	%100
19	MP5B	X	-.479	-.479	0	%100
20	MP5B	Z	0	0	0	%100
21	MP5A	X	-.479	-.479	0	%100
22	MP5A	Z	0	0	0	%100
23	MP5C	X	-.479	-.479	0	%100
24	MP5C	Z	0	0	0	%100
25	M16	X	0	0	0	%100
26	M16	Z	0	0	0	%100
27	M18	X	0	0	0	%100
28	M18	Z	0	0	0	%100
29	M19	X	-.455	-.455	0	%100
30	M19	Z	0	0	0	%100
31	M20	X	-.455	-.455	0	%100
32	M20	Z	0	0	0	%100
33	M21	X	-.455	-.455	0	%100
34	M21	Z	0	0	0	%100
35	M22	X	-.455	-.455	0	%100
36	M22	Z	0	0	0	%100
37	M23	X	0	0	0	%100
38	M23	Z	0	0	0	%100
39	M24	X	-.758	-.758	0	%100
40	M24	Z	0	0	0	%100
41	M25	X	-.758	-.758	0	%100
42	M25	Z	0	0	0	%100
43	M26	X	0	0	0	%100
44	M26	Z	0	0	0	%100
45	M27	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft,F....]	Start Location[ft.%]	End Location[ft.%]
46	M27	Z	0	0	0	%100
47	M28	X	-.455	-.455	0	%100
48	M28	Z	0	0	0	%100
49	M29	X	-.455	-.455	0	%100
50	M29	Z	0	0	0	%100
51	M30	X	-.455	-.455	0	%100
52	M30	Z	0	0	0	%100
53	M31	X	-.455	-.455	0	%100
54	M31	Z	0	0	0	%100
55	M32	X	0	0	0	%100
56	M32	Z	0	0	0	%100
57	M33	X	-.758	-.758	0	%100
58	M33	Z	0	0	0	%100
59	M34	X	-.758	-.758	0	%100
60	M34	Z	0	0	0	%100
61	M35	X	0	0	0	%100
62	M35	Z	0	0	0	%100
63	M36	X	0	0	0	%100
64	M36	Z	0	0	0	%100
65	M37	X	-.455	-.455	0	%100
66	M37	Z	0	0	0	%100
67	M38	X	-.455	-.455	0	%100
68	M38	Z	0	0	0	%100
69	M39	X	-.455	-.455	0	%100
70	M39	Z	0	0	0	%100
71	M40	X	-.455	-.455	0	%100
72	M40	Z	0	0	0	%100
73	M41	X	-.434	-.434	0	%100
74	M41	Z	0	0	0	%100
75	M201	X	-.434	-.434	0	%100
76	M201	Z	0	0	0	%100
77	M50	X	-.434	-.434	0	%100
78	M50	Z	0	0	0	%100
79	M44	X	-.434	-.434	0	%100
80	M44	Z	0	0	0	%100
81	M45	X	-.434	-.434	0	%100
82	M45	Z	0	0	0	%100
83	M203	X	-.434	-.434	0	%100
84	M203	Z	0	0	0	%100
85	M200	X	-.434	-.434	0	%100
86	M200	Z	0	0	0	%100
87	M48	X	-.434	-.434	0	%100
88	M48	Z	0	0	0	%100
89	M49	X	-.434	-.434	0	%100
90	M49	Z	0	0	0	%100
91	M202	X	-.434	-.434	0	%100
92	M202	Z	0	0	0	%100
93	M51	X	-.434	-.434	0	%100
94	M51	Z	0	0	0	%100
95	M52	X	-.434	-.434	0	%100
96	M52	Z	0	0	0	%100
97	M53	X	0	0	0	%100
98	M53	Z	0	0	0	%100
99	M54	X	-.846	-.846	0	%100
100	M54	Z	0	0	0	%100
101	M55	X	-.846	-.846	0	%100
102	M55	Z	0	0	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
103	M56	X	-.231	-.231	0	%100
104	M56	Z	0	0	0	%100
105	M57	X	-.674	-.674	0	%100
106	M57	Z	0	0	0	%100
107	M58	X	-.231	-.231	0	%100
108	M58	Z	0	0	0	%100
109	M61	X	-.077	-.077	0	%100
110	M61	Z	0	0	0	%100
111	M62	X	-.077	-.077	0	%100
112	M62	Z	0	0	0	%100
113	M67	X	-.077	-.077	0	%100
114	M67	Z	0	0	0	%100
115	M68	X	-.077	-.077	0	%100
116	M68	Z	0	0	0	%100
117	M73	X	-.077	-.077	0	%100
118	M73	Z	0	0	0	%100
119	M74	X	-.077	-.077	0	%100
120	M74	Z	0	0	0	%100
121	M79	X	-.077	-.077	0	%100
122	M79	Z	0	0	0	%100
123	M80	X	-.077	-.077	0	%100
124	M80	Z	0	0	0	%100
125	M85	X	-.077	-.077	0	%100
126	M85	Z	0	0	0	%100
127	M86	X	-.077	-.077	0	%100
128	M86	Z	0	0	0	%100
129	M91	X	-.077	-.077	0	%100
130	M91	Z	0	0	0	%100
131	M92	X	-.077	-.077	0	%100
132	M92	Z	0	0	0	%100
133	M97	X	-.019	-.019	0	%100
134	M97	Z	0	0	0	%100
135	M98	X	-.019	-.019	0	%100
136	M98	Z	0	0	0	%100
137	M103	X	-.019	-.019	0	%100
138	M103	Z	0	0	0	%100
139	M104	X	-.019	-.019	0	%100
140	M104	Z	0	0	0	%100
141	M109	X	-.019	-.019	0	%100
142	M109	Z	0	0	0	%100
143	M110	X	-.019	-.019	0	%100
144	M110	Z	0	0	0	%100
145	M115	X	-.019	-.019	0	%100
146	M115	Z	0	0	0	%100
147	M116	X	-.019	-.019	0	%100
148	M116	Z	0	0	0	%100
149	M121	X	-.019	-.019	0	%100
150	M121	Z	0	0	0	%100
151	M122	X	-.019	-.019	0	%100
152	M122	Z	0	0	0	%100
153	M127	X	-.019	-.019	0	%100
154	M127	Z	0	0	0	%100
155	M128	X	-.019	-.019	0	%100
156	M128	Z	0	0	0	%100
157	M133	X	-.019	-.019	0	%100
158	M133	Z	0	0	0	%100
159	M134	X	-.019	-.019	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
160	M134	Z	0	0	0	%100
161	M139	X	-0.019	-0.019	0	%100
162	M139	Z	0	0	0	%100
163	M140	X	-0.019	-0.019	0	%100
164	M140	Z	0	0	0	%100
165	M145	X	-0.019	-0.019	0	%100
166	M145	Z	0	0	0	%100
167	M146	X	-0.019	-0.019	0	%100
168	M146	Z	0	0	0	%100
169	M151	X	-0.019	-0.019	0	%100
170	M151	Z	0	0	0	%100
171	M152	X	-0.019	-0.019	0	%100
172	M152	Z	0	0	0	%100
173	M157	X	-0.019	-0.019	0	%100
174	M157	Z	0	0	0	%100
175	M158	X	-0.019	-0.019	0	%100
176	M158	Z	0	0	0	%100
177	M163	X	-0.019	-0.019	0	%100
178	M163	Z	0	0	0	%100
179	M164	X	-0.019	-0.019	0	%100
180	M164	Z	0	0	0	%100
181	MP2A	X	-0.48	-0.48	0	%100
182	MP2A	Z	0	0	0	%100
183	MP1A	X	-0.48	-0.48	0	%100
184	MP1A	Z	0	0	0	%100
185	MP4A	X	-0.48	-0.48	0	%100
186	MP4A	Z	0	0	0	%100
187	MP2C	X	-0.48	-0.48	0	%100
188	MP2C	Z	0	0	0	%100
189	MP1C	X	-0.48	-0.48	0	%100
190	MP1C	Z	0	0	0	%100
191	MP4C	X	-0.48	-0.48	0	%100
192	MP4C	Z	0	0	0	%100
193	MP2B	X	-0.48	-0.48	0	%100
194	MP2B	Z	0	0	0	%100
195	MP1B	X	-0.48	-0.48	0	%100
196	MP1B	Z	0	0	0	%100
197	MP4B	X	-0.48	-0.48	0	%100
198	MP4B	Z	0	0	0	%100
199	MP3A	X	-0.48	-0.48	0	%100
200	MP3A	Z	0	0	0	%100
201	MP3C	X	-0.48	-0.48	0	%100
202	MP3C	Z	0	0	0	%100
203	MP3B	X	-0.48	-0.48	0	%100
204	MP3B	Z	0	0	0	%100
205	M185A	X	-0.607	-0.607	0	%100
206	M185A	Z	0	0	0	%100
207	M186	X	-0.607	-0.607	0	%100
208	M186	Z	0	0	0	%100
209	M187	X	0	0	0	%100
210	M187	Z	0	0	0	%100
211	M188	X	0	0	0	%100
212	M188	Z	0	0	0	%100
213	M188A	X	-0.438	-0.438	0	%100
214	M188A	Z	0	0	0	%100
215	M189	X	-0.607	-0.607	0	%100
216	M189	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
217	M190	X	-.607	-.607	0	%100
218	M190	Z	0	0	0	%100
219	M197	X	0	0	0	%100
220	M197	Z	0	0	0	%100
221	M196	X	-.436	-.436	0	%100
222	M196	Z	0	0	0	%100
223	M201A	X	-.436	-.436	0	%100
224	M201A	Z	0	0	0	%100
225	M212	X	-.709	-.709	0	%100
226	M212	Z	0	0	0	%100
227	M213	X	-.709	-.709	0	%100
228	M213	Z	0	0	0	%100
229	M214	X	-.517	-.517	0	%100
230	M214	Z	0	0	0	%100
231	M215	X	-.517	-.517	0	%100
232	M215	Z	0	0	0	%100
233	M216	X	-.517	-.517	0	%100
234	M216	Z	0	0	0	%100
235	M217	X	-.517	-.517	0	%100
236	M217	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M1	X	-.542	-.542	0	%100
2	M1	Z	-.313	-.313	0	%100
3	M3	X	-.022	-.022	0	%100
4	M3	Z	-.013	-.013	0	%100
5	M4	X	-.542	-.542	0	%100
6	M4	Z	-.313	-.313	0	%100
7	M6	X	-.022	-.022	0	%100
8	M6	Z	-.013	-.013	0	%100
9	M7	X	0	0	0	%100
10	M7	Z	0	0	0	%100
11	M9	X	-.088	-.088	0	%100
12	M9	Z	-.051	-.051	0	%100
13	M10	X	-.146	-.146	0	%100
14	M10	Z	-.084	-.084	0	%100
15	M11	X	-.146	-.146	0	%100
16	M11	Z	-.084	-.084	0	%100
17	M12	X	-.584	-.584	0	%100
18	M12	Z	-.337	-.337	0	%100
19	MP5B	X	-.415	-.415	0	%100
20	MP5B	Z	-.239	-.239	0	%100
21	MP5A	X	-.415	-.415	0	%100
22	MP5A	Z	-.239	-.239	0	%100
23	MP5C	X	-.415	-.415	0	%100
24	MP5C	Z	-.239	-.239	0	%100
25	M16	X	-.131	-.131	0	%100
26	M16	Z	-.076	-.076	0	%100
27	M18	X	-.131	-.131	0	%100
28	M18	Z	-.076	-.076	0	%100
29	M19	X	-.131	-.131	0	%100
30	M19	Z	-.076	-.076	0	%100
31	M20	X	-.131	-.131	0	%100
32	M20	Z	-.076	-.076	0	%100
33	M21	X	-.525	-.525	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft,F....]	Start Location[ft, %]	End Location[ft, %]
34	M21	Z	-.303	-.303	0	%100
35	M22	X	-.525	-.525	0	%100
36	M22	Z	-.303	-.303	0	%100
37	M23	X	-.219	-.219	0	%100
38	M23	Z	-.126	-.126	0	%100
39	M24	X	-.219	-.219	0	%100
40	M24	Z	-.126	-.126	0	%100
41	M25	X	-.876	-.876	0	%100
42	M25	Z	-.505	-.505	0	%100
43	M26	X	-.131	-.131	0	%100
44	M26	Z	-.076	-.076	0	%100
45	M27	X	-.131	-.131	0	%100
46	M27	Z	-.076	-.076	0	%100
47	M28	X	-.131	-.131	0	%100
48	M28	Z	-.076	-.076	0	%100
49	M29	X	-.131	-.131	0	%100
50	M29	Z	-.076	-.076	0	%100
51	M30	X	-.525	-.525	0	%100
52	M30	Z	-.303	-.303	0	%100
53	M31	X	-.525	-.525	0	%100
54	M31	Z	-.303	-.303	0	%100
55	M32	X	-.219	-.219	0	%100
56	M32	Z	-.126	-.126	0	%100
57	M33	X	-.219	-.219	0	%100
58	M33	Z	-.126	-.126	0	%100
59	M34	X	-.876	-.876	0	%100
60	M34	Z	-.505	-.505	0	%100
61	M35	X	-.131	-.131	0	%100
62	M35	Z	-.076	-.076	0	%100
63	M36	X	-.131	-.131	0	%100
64	M36	Z	-.076	-.076	0	%100
65	M37	X	-.131	-.131	0	%100
66	M37	Z	-.076	-.076	0	%100
67	M38	X	-.131	-.131	0	%100
68	M38	Z	-.076	-.076	0	%100
69	M39	X	-.525	-.525	0	%100
70	M39	Z	-.303	-.303	0	%100
71	M40	X	-.525	-.525	0	%100
72	M40	Z	-.303	-.303	0	%100
73	M41	X	-.376	-.376	0	%100
74	M41	Z	-.217	-.217	0	%100
75	M201	X	-.376	-.376	0	%100
76	M201	Z	-.217	-.217	0	%100
77	M50	X	-.376	-.376	0	%100
78	M50	Z	-.217	-.217	0	%100
79	M44	X	-.376	-.376	0	%100
80	M44	Z	-.217	-.217	0	%100
81	M45	X	-.376	-.376	0	%100
82	M45	Z	-.217	-.217	0	%100
83	M203	X	-.376	-.376	0	%100
84	M203	Z	-.217	-.217	0	%100
85	M200	X	-.376	-.376	0	%100
86	M200	Z	-.217	-.217	0	%100
87	M48	X	-.376	-.376	0	%100
88	M48	Z	-.217	-.217	0	%100
89	M49	X	-.376	-.376	0	%100
90	M49	Z	-.217	-.217	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft,F...	Start Location[ft.%,]	End Location[ft.%,]
91	M202	X	-.376	-.376	0	%100
92	M202	Z	-.217	-.217	0	%100
93	M51	X	-.376	-.376	0	%100
94	M51	Z	-.217	-.217	0	%100
95	M52	X	-.376	-.376	0	%100
96	M52	Z	-.217	-.217	0	%100
97	M53	X	-.146	-.146	0	%100
98	M53	Z	-.084	-.084	0	%100
99	M54	X	-.549	-.549	0	%100
100	M54	Z	-.317	-.317	0	%100
101	M55	X	-.549	-.549	0	%100
102	M55	Z	-.317	-.317	0	%100
103	M56	X	-.456	-.456	0	%100
104	M56	Z	-.263	-.263	0	%100
105	M57	X	-.456	-.456	0	%100
106	M57	Z	-.263	-.263	0	%100
107	M58	X	-.072	-.072	0	%100
108	M58	Z	-.042	-.042	0	%100
109	M61	X	-.05	-.05	0	%100
110	M61	Z	-.029	-.029	0	%100
111	M62	X	-.05	-.05	0	%100
112	M62	Z	-.029	-.029	0	%100
113	M67	X	-.05	-.05	0	%100
114	M67	Z	-.029	-.029	0	%100
115	M68	X	-.05	-.05	0	%100
116	M68	Z	-.029	-.029	0	%100
117	M73	X	-.05	-.05	0	%100
118	M73	Z	-.029	-.029	0	%100
119	M74	X	-.05	-.05	0	%100
120	M74	Z	-.029	-.029	0	%100
121	M79	X	-.05	-.05	0	%100
122	M79	Z	-.029	-.029	0	%100
123	M80	X	-.05	-.05	0	%100
124	M80	Z	-.029	-.029	0	%100
125	M85	X	-.05	-.05	0	%100
126	M85	Z	-.029	-.029	0	%100
127	M86	X	-.05	-.05	0	%100
128	M86	Z	-.029	-.029	0	%100
129	M91	X	-.05	-.05	0	%100
130	M91	Z	-.029	-.029	0	%100
131	M92	X	-.05	-.05	0	%100
132	M92	Z	-.029	-.029	0	%100
133	M97	X	-.05	-.05	0	%100
134	M97	Z	-.029	-.029	0	%100
135	M98	X	-.05	-.05	0	%100
136	M98	Z	-.029	-.029	0	%100
137	M103	X	-.05	-.05	0	%100
138	M103	Z	-.029	-.029	0	%100
139	M104	X	-.05	-.05	0	%100
140	M104	Z	-.029	-.029	0	%100
141	M109	X	-.05	-.05	0	%100
142	M109	Z	-.029	-.029	0	%100
143	M110	X	-.05	-.05	0	%100
144	M110	Z	-.029	-.029	0	%100
145	M115	X	-.05	-.05	0	%100
146	M115	Z	-.029	-.029	0	%100
147	M116	X	-.05	-.05	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....]	End Magnitude[lb/ft,F....]	Start Location[ft.%]	End Location[ft.%]
148	M116	Z	-.029	-.029	0	%100
149	M121	X	-.05	-.05	0	%100
150	M121	Z	-.029	-.029	0	%100
151	M122	X	-.05	-.05	0	%100
152	M122	Z	-.029	-.029	0	%100
153	M127	X	-.05	-.05	0	%100
154	M127	Z	-.029	-.029	0	%100
155	M128	X	-.05	-.05	0	%100
156	M128	Z	-.029	-.029	0	%100
157	M133	X	0	0	0	%100
158	M133	Z	0	0	0	%100
159	M134	X	0	0	0	%100
160	M134	Z	0	0	0	%100
161	M139	X	0	0	0	%100
162	M139	Z	0	0	0	%100
163	M140	X	0	0	0	%100
164	M140	Z	0	0	0	%100
165	M145	X	0	0	0	%100
166	M145	Z	0	0	0	%100
167	M146	X	0	0	0	%100
168	M146	Z	0	0	0	%100
169	M151	X	0	0	0	%100
170	M151	Z	0	0	0	%100
171	M152	X	0	0	0	%100
172	M152	Z	0	0	0	%100
173	M157	X	0	0	0	%100
174	M157	Z	0	0	0	%100
175	M158	X	0	0	0	%100
176	M158	Z	0	0	0	%100
177	M163	X	0	0	0	%100
178	M163	Z	0	0	0	%100
179	M164	X	0	0	0	%100
180	M164	Z	0	0	0	%100
181	MP2A	X	-.416	-.416	0	%100
182	MP2A	Z	-.24	-.24	0	%100
183	MP1A	X	-.416	-.416	0	%100
184	MP1A	Z	-.24	-.24	0	%100
185	MP4A	X	-.416	-.416	0	%100
186	MP4A	Z	-.24	-.24	0	%100
187	MP2C	X	-.416	-.416	0	%100
188	MP2C	Z	-.24	-.24	0	%100
189	MP1C	X	-.416	-.416	0	%100
190	MP1C	Z	-.24	-.24	0	%100
191	MP4C	X	-.416	-.416	0	%100
192	MP4C	Z	-.24	-.24	0	%100
193	MP2B	X	-.416	-.416	0	%100
194	MP2B	Z	-.24	-.24	0	%100
195	MP1B	X	-.416	-.416	0	%100
196	MP1B	Z	-.24	-.24	0	%100
197	MP4B	X	-.416	-.416	0	%100
198	MP4B	Z	-.24	-.24	0	%100
199	MP3A	X	-.416	-.416	0	%100
200	MP3A	Z	-.24	-.24	0	%100
201	MP3C	X	-.416	-.416	0	%100
202	MP3C	Z	-.24	-.24	0	%100
203	MP3B	X	-.416	-.416	0	%100
204	MP3B	Z	-.24	-.24	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
205	M185A	X	-.394	-.394	0	%100
206	M185A	Z	-.227	-.227	0	%100
207	M186	X	-.394	-.394	0	%100
208	M186	Z	-.227	-.227	0	%100
209	M187	X	-.131	-.131	0	%100
210	M187	Z	-.076	-.076	0	%100
211	M188	X	-.131	-.131	0	%100
212	M188	Z	-.076	-.076	0	%100
213	M188A	X	-.379	-.379	0	%100
214	M188A	Z	-.219	-.219	0	%100
215	M189	X	-.394	-.394	0	%100
216	M189	Z	-.227	-.227	0	%100
217	M190	X	-.394	-.394	0	%100
218	M190	Z	-.227	-.227	0	%100
219	M197	X	-.126	-.126	0	%100
220	M197	Z	-.073	-.073	0	%100
221	M196	X	-.126	-.126	0	%100
222	M196	Z	-.073	-.073	0	%100
223	M201A	X	-.503	-.503	0	%100
224	M201A	Z	-.291	-.291	0	%100
225	M212	X	-.559	-.559	0	%100
226	M212	Z	-.323	-.323	0	%100
227	M213	X	-.559	-.559	0	%100
228	M213	Z	-.323	-.323	0	%100
229	M214	X	-.559	-.559	0	%100
230	M214	Z	-.323	-.323	0	%100
231	M215	X	-.559	-.559	0	%100
232	M215	Z	-.323	-.323	0	%100
233	M216	X	-.393	-.393	0	%100
234	M216	Z	-.227	-.227	0	%100
235	M217	X	-.393	-.393	0	%100
236	M217	Z	-.227	-.227	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M1	X	-.104	-.104	0	%100
2	M1	Z	-.181	-.181	0	%100
3	M3	X	-.038	-.038	0	%100
4	M3	Z	-.066	-.066	0	%100
5	M4	X	-.417	-.417	0	%100
6	M4	Z	-.722	-.722	0	%100
7	M6	X	0	0	0	%100
8	M6	Z	0	0	0	%100
9	M7	X	-.104	-.104	0	%100
10	M7	Z	-.181	-.181	0	%100
11	M9	X	-.038	-.038	0	%100
12	M9	Z	-.066	-.066	0	%100
13	M10	X	-.253	-.253	0	%100
14	M10	Z	-.438	-.438	0	%100
15	M11	X	0	0	0	%100
16	M11	Z	0	0	0	%100
17	M12	X	-.253	-.253	0	%100
18	M12	Z	-.438	-.438	0	%100
19	MP5B	X	-.239	-.239	0	%100
20	MP5B	Z	-.415	-.415	0	%100
21	MP5A	X	-.239	-.239	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
22	MP5A	Z	-.415	-.415	0	%100
23	MP5C	X	-.239	-.239	0	%100
24	MP5C	Z	-.415	-.415	0	%100
25	M16	X	-.227	-.227	0	%100
26	M16	Z	-.394	-.394	0	%100
27	M18	X	-.227	-.227	0	%100
28	M18	Z	-.394	-.394	0	%100
29	M19	X	0	0	0	%100
30	M19	Z	0	0	0	%100
31	M20	X	0	0	0	%100
32	M20	Z	0	0	0	%100
33	M21	X	-.227	-.227	0	%100
34	M21	Z	-.394	-.394	0	%100
35	M22	X	-.227	-.227	0	%100
36	M22	Z	-.394	-.394	0	%100
37	M23	X	-.379	-.379	0	%100
38	M23	Z	-.657	-.657	0	%100
39	M24	X	0	0	0	%100
40	M24	Z	0	0	0	%100
41	M25	X	-.379	-.379	0	%100
42	M25	Z	-.657	-.657	0	%100
43	M26	X	-.227	-.227	0	%100
44	M26	Z	-.394	-.394	0	%100
45	M27	X	-.227	-.227	0	%100
46	M27	Z	-.394	-.394	0	%100
47	M28	X	0	0	0	%100
48	M28	Z	0	0	0	%100
49	M29	X	0	0	0	%100
50	M29	Z	0	0	0	%100
51	M30	X	-.227	-.227	0	%100
52	M30	Z	-.394	-.394	0	%100
53	M31	X	-.227	-.227	0	%100
54	M31	Z	-.394	-.394	0	%100
55	M32	X	-.379	-.379	0	%100
56	M32	Z	-.657	-.657	0	%100
57	M33	X	0	0	0	%100
58	M33	Z	0	0	0	%100
59	M34	X	-.379	-.379	0	%100
60	M34	Z	-.657	-.657	0	%100
61	M35	X	-.227	-.227	0	%100
62	M35	Z	-.394	-.394	0	%100
63	M36	X	-.227	-.227	0	%100
64	M36	Z	-.394	-.394	0	%100
65	M37	X	0	0	0	%100
66	M37	Z	0	0	0	%100
67	M38	X	0	0	0	%100
68	M38	Z	0	0	0	%100
69	M39	X	-.227	-.227	0	%100
70	M39	Z	-.394	-.394	0	%100
71	M40	X	-.227	-.227	0	%100
72	M40	Z	-.394	-.394	0	%100
73	M41	X	-.217	-.217	0	%100
74	M41	Z	-.376	-.376	0	%100
75	M201	X	-.217	-.217	0	%100
76	M201	Z	-.376	-.376	0	%100
77	M50	X	-.217	-.217	0	%100
78	M50	Z	-.376	-.376	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
79	M44	X	-.217	-.217	0	%100
80	M44	Z	-.376	-.376	0	%100
81	M45	X	-.217	-.217	0	%100
82	M45	Z	-.376	-.376	0	%100
83	M203	X	-.217	-.217	0	%100
84	M203	Z	-.376	-.376	0	%100
85	M200	X	-.217	-.217	0	%100
86	M200	Z	-.376	-.376	0	%100
87	M48	X	-.217	-.217	0	%100
88	M48	Z	-.376	-.376	0	%100
89	M49	X	-.217	-.217	0	%100
90	M49	Z	-.376	-.376	0	%100
91	M202	X	-.217	-.217	0	%100
92	M202	Z	-.376	-.376	0	%100
93	M51	X	-.217	-.217	0	%100
94	M51	Z	-.376	-.376	0	%100
95	M52	X	-.217	-.217	0	%100
96	M52	Z	-.376	-.376	0	%100
97	M53	X	-.253	-.253	0	%100
98	M53	Z	-.438	-.438	0	%100
99	M54	X	-.106	-.106	0	%100
100	M54	Z	-.183	-.183	0	%100
101	M55	X	-.106	-.106	0	%100
102	M55	Z	-.183	-.183	0	%100
103	M56	X	-.337	-.337	0	%100
104	M56	Z	-.584	-.584	0	%100
105	M57	X	-.115	-.115	0	%100
106	M57	Z	-.2	-.2	0	%100
107	M58	X	-.115	-.115	0	%100
108	M58	Z	-.2	-.2	0	%100
109	M61	X	-.01	-.01	0	%100
110	M61	Z	-.017	-.017	0	%100
111	M62	X	-.01	-.01	0	%100
112	M62	Z	-.017	-.017	0	%100
113	M67	X	-.01	-.01	0	%100
114	M67	Z	-.017	-.017	0	%100
115	M68	X	-.01	-.01	0	%100
116	M68	Z	-.017	-.017	0	%100
117	M73	X	-.01	-.01	0	%100
118	M73	Z	-.017	-.017	0	%100
119	M74	X	-.01	-.01	0	%100
120	M74	Z	-.017	-.017	0	%100
121	M79	X	-.01	-.01	0	%100
122	M79	Z	-.017	-.017	0	%100
123	M80	X	-.01	-.01	0	%100
124	M80	Z	-.017	-.017	0	%100
125	M85	X	-.01	-.01	0	%100
126	M85	Z	-.017	-.017	0	%100
127	M86	X	-.01	-.01	0	%100
128	M86	Z	-.017	-.017	0	%100
129	M91	X	-.01	-.01	0	%100
130	M91	Z	-.017	-.017	0	%100
131	M92	X	-.01	-.01	0	%100
132	M92	Z	-.017	-.017	0	%100
133	M97	X	-.038	-.038	0	%100
134	M97	Z	-.066	-.066	0	%100
135	M98	X	-.038	-.038	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
136	M98	Z	-0.066	-0.066	0	%100
137	M103	X	-0.038	-0.038	0	%100
138	M103	Z	-0.066	-0.066	0	%100
139	M104	X	-0.038	-0.038	0	%100
140	M104	Z	-0.066	-0.066	0	%100
141	M109	X	-0.038	-0.038	0	%100
142	M109	Z	-0.066	-0.066	0	%100
143	M110	X	-0.038	-0.038	0	%100
144	M110	Z	-0.066	-0.066	0	%100
145	M115	X	-0.038	-0.038	0	%100
146	M115	Z	-0.066	-0.066	0	%100
147	M116	X	-0.038	-0.038	0	%100
148	M116	Z	-0.066	-0.066	0	%100
149	M121	X	-0.038	-0.038	0	%100
150	M121	Z	-0.066	-0.066	0	%100
151	M122	X	-0.038	-0.038	0	%100
152	M122	Z	-0.066	-0.066	0	%100
153	M127	X	-0.038	-0.038	0	%100
154	M127	Z	-0.066	-0.066	0	%100
155	M128	X	-0.038	-0.038	0	%100
156	M128	Z	-0.066	-0.066	0	%100
157	M133	X	-0.01	-0.01	0	%100
158	M133	Z	-0.017	-0.017	0	%100
159	M134	X	-0.01	-0.01	0	%100
160	M134	Z	-0.017	-0.017	0	%100
161	M139	X	-0.01	-0.01	0	%100
162	M139	Z	-0.017	-0.017	0	%100
163	M140	X	-0.01	-0.01	0	%100
164	M140	Z	-0.017	-0.017	0	%100
165	M145	X	-0.01	-0.01	0	%100
166	M145	Z	-0.017	-0.017	0	%100
167	M146	X	-0.01	-0.01	0	%100
168	M146	Z	-0.017	-0.017	0	%100
169	M151	X	-0.01	-0.01	0	%100
170	M151	Z	-0.017	-0.017	0	%100
171	M152	X	-0.01	-0.01	0	%100
172	M152	Z	-0.017	-0.017	0	%100
173	M157	X	-0.01	-0.01	0	%100
174	M157	Z	-0.017	-0.017	0	%100
175	M158	X	-0.01	-0.01	0	%100
176	M158	Z	-0.017	-0.017	0	%100
177	M163	X	-0.01	-0.01	0	%100
178	M163	Z	-0.017	-0.017	0	%100
179	M164	X	-0.01	-0.01	0	%100
180	M164	Z	-0.017	-0.017	0	%100
181	MP2A	X	-0.24	-0.24	0	%100
182	MP2A	Z	-0.416	-0.416	0	%100
183	MP1A	X	-0.24	-0.24	0	%100
184	MP1A	Z	-0.416	-0.416	0	%100
185	MP4A	X	-0.24	-0.24	0	%100
186	MP4A	Z	-0.416	-0.416	0	%100
187	MP2C	X	-0.24	-0.24	0	%100
188	MP2C	Z	-0.416	-0.416	0	%100
189	MP1C	X	-0.24	-0.24	0	%100
190	MP1C	Z	-0.416	-0.416	0	%100
191	MP4C	X	-0.24	-0.24	0	%100
192	MP4C	Z	-0.416	-0.416	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft....	End Magnitude[lb/ft.F...	Start Location[ft.%]	End Location[ft.%]
193	MP2B	X	-.24	-.24	0	%100
194	MP2B	Z	-.416	-.416	0	%100
195	MP1B	X	-.24	-.24	0	%100
196	MP1B	Z	-.416	-.416	0	%100
197	MP4B	X	-.24	-.24	0	%100
198	MP4B	Z	-.416	-.416	0	%100
199	MP3A	X	-.24	-.24	0	%100
200	MP3A	Z	-.416	-.416	0	%100
201	MP3C	X	-.24	-.24	0	%100
202	MP3C	Z	-.416	-.416	0	%100
203	MP3B	X	-.24	-.24	0	%100
204	MP3B	Z	-.416	-.416	0	%100
205	M185A	X	-.076	-.076	0	%100
206	M185A	Z	-.131	-.131	0	%100
207	M186	X	-.076	-.076	0	%100
208	M186	Z	-.131	-.131	0	%100
209	M187	X	-.227	-.227	0	%100
210	M187	Z	-.394	-.394	0	%100
211	M188	X	-.227	-.227	0	%100
212	M188	Z	-.394	-.394	0	%100
213	M188A	X	-.219	-.219	0	%100
214	M188A	Z	-.379	-.379	0	%100
215	M189	X	-.076	-.076	0	%100
216	M189	Z	-.131	-.131	0	%100
217	M190	X	-.076	-.076	0	%100
218	M190	Z	-.131	-.131	0	%100
219	M197	X	-.218	-.218	0	%100
220	M197	Z	-.378	-.378	0	%100
221	M196	X	0	0	0	%100
222	M196	Z	0	0	0	%100
223	M201A	X	-.218	-.218	0	%100
224	M201A	Z	-.378	-.378	0	%100
225	M212	X	-.259	-.259	0	%100
226	M212	Z	-.448	-.448	0	%100
227	M213	X	-.259	-.259	0	%100
228	M213	Z	-.448	-.448	0	%100
229	M214	X	-.355	-.355	0	%100
230	M214	Z	-.614	-.614	0	%100
231	M215	X	-.355	-.355	0	%100
232	M215	Z	-.614	-.614	0	%100
233	M216	X	-.259	-.259	0	%100
234	M216	Z	-.448	-.448	0	%100
235	M217	X	-.259	-.259	0	%100
236	M217	Z	-.448	-.448	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[ft.%]	End Location[ft.%]
1	M9	Y	-3.694	-3.694	0	1.167
2	M10	Y	-1.976	-3.762	7.7	8.983
3	M10	Y	-3.762	-6.435	8.983	10.267
4	M10	Y	-6.435	-4.851	10.267	11.55
5	M10	Y	-4.851	-.264	11.55	12.833
6	M55	Y	-6.537	-3.762	0	2.027
7	M11	Y	-.155	-4.363	0	1.283
8	M11	Y	-4.363	-9.474	1.283	2.567
9	M11	Y	-9.474	-10.539	2.567	3.85

### 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[ft, %]	End Location[ft, %]
10	M11	Y	-10.539	-4.651	3.85	5.133
11	M11	Y	-4.651	-.155	5.133	6.417
12	M53	Y	-7.261	-7.261	5.805	7.018
13	M55	Y	-5.291	-6.67	1.014	2.365
14	M55	Y	-6.67	-6.924	2.365	3.716
15	M55	Y	-6.924	-6.052	3.716	5.068
16	M3	Y	-2.51	-2.51	.083	1.083
17	M11	Y	-2.1	-6.515	6.417	8.021
18	M11	Y	-6.515	-8.823	8.021	9.625
19	M11	Y	-8.823	-5.549	9.625	11.229
20	M11	Y	-5.549	-.487	11.229	12.833
21	M12	Y	-.487	-5.536	0	1.604
22	M12	Y	-5.536	-8.805	1.604	3.208
23	M12	Y	-8.805	-6.517	3.208	4.812
24	M12	Y	-6.517	-2.114	4.812	6.417
25	M53	Y	-1.902	-4.762	0	1.404
26	M53	Y	-4.762	-9.753	1.404	2.807
27	M53	Y	-9.753	-9.745	2.807	4.211
28	M53	Y	-9.745	-4.754	4.211	5.614
29	M53	Y	-4.754	-1.911	5.614	7.018
30	M12	Y	-.155	-4.651	6.417	7.7
31	M12	Y	-4.651	-10.539	7.7	8.983
32	M12	Y	-10.539	-9.474	8.983	10.267
33	M12	Y	-9.474	-4.363	10.267	11.55
34	M12	Y	-4.363	-.155	11.55	12.833
35	M53	Y	-7.261	-7.261	0	1.213
36	M54	Y	-6.052	-6.924	0	1.351
37	M54	Y	-6.924	-6.67	1.351	2.703
38	M54	Y	-6.67	-5.291	2.703	4.054
39	M6	Y	-.463	-6.924	0	1.167
40	M10	Y	-.265	-4.851	0	1.283
41	M10	Y	-4.851	-6.436	1.283	2.567
42	M10	Y	-6.436	-3.763	2.567	3.85
43	M10	Y	-3.763	-1.975	3.85	5.133
44	M54	Y	-5.447	-4.851	3.041	5.068
45	M54	Y	-6.673	-6.673	3.318	5.068
46	M55	Y	-6.673	-6.673	3.886e-16	1.75

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

	Member Label	Direction	Start Magnitude[lb/ft,....	End Magnitude[lb/ft,F...	Start Location[ft, %]	End Location[ft, %]
1	M9	Y	-7.104	-7.104	0	1.167
2	M10	Y	-3.799	-7.234	7.7	8.983
3	M10	Y	-7.234	-12.375	8.983	10.267
4	M10	Y	-12.375	-9.328	10.267	11.55
5	M10	Y	-9.328	-.509	11.55	12.833
6	M55	Y	-12.572	-7.234	0	2.027
7	M11	Y	-.299	-8.39	0	1.283
8	M11	Y	-8.39	-18.219	1.283	2.567
9	M11	Y	-18.219	-20.267	2.567	3.85
10	M11	Y	-20.267	-8.945	3.85	5.133
11	M11	Y	-8.945	-.299	5.133	6.417
12	M53	Y	-13.964	-13.964	5.805	7.018
13	M55	Y	-10.174	-12.827	1.014	2.365
14	M55	Y	-12.827	-13.315	2.365	3.716
15	M55	Y	-13.315	-11.638	3.716	5.068
16	M3	Y	-4.827	-4.827	.083	1.083

### 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[ft.%]	End Location[ft.%]
17	M11	Y	-4.038	-12.529	6.417	8.021
18	M11	Y	-12.529	-16.967	8.021	9.625
19	M11	Y	-16.967	-10.67	9.625	11.229
20	M11	Y	-10.67	-.936	11.229	12.833
21	M12	Y	-.936	-10.646	0	1.604
22	M12	Y	-10.646	-16.933	1.604	3.208
23	M12	Y	-16.933	-12.532	3.208	4.812
24	M12	Y	-12.532	-4.065	4.812	6.417
25	M53	Y	-3.658	-9.158	0	1.404
26	M53	Y	-9.158	-18.757	1.404	2.807
27	M53	Y	-18.757	-18.741	2.807	4.211
28	M53	Y	-18.741	-9.143	4.211	5.614
29	M53	Y	-9.143	-3.675	5.614	7.018
30	M12	Y	-.298	-8.942	6.417	7.7
31	M12	Y	-8.942	-20.261	7.7	8.983
32	M12	Y	-20.261	-18.22	8.983	10.267
33	M12	Y	-18.22	-8.394	10.267	11.55
34	M12	Y	-8.394	-.298	11.55	12.833
35	M53	Y	-13.962	-13.962	0	1.212
36	M54	Y	-11.658	-13.321	0	1.351
37	M54	Y	-13.321	-12.824	1.351	2.703
38	M54	Y	-12.824	-10.168	2.703	4.054
39	M6	Y	-.885	-13.321	0	1.167
40	M10	Y	-.509	-9.328	0	1.283
41	M10	Y	-9.328	-12.376	1.283	2.567
42	M10	Y	-12.376	-7.237	2.567	3.85
43	M10	Y	-7.237	-3.799	3.85	5.133
44	M54	Y	-10.474	-9.328	3.041	5.068
45	M54	Y	-12.833	-12.833	3.318	5.068
46	M55	Y	-12.833	-12.833	3.886e-16	1.75

### Member Area Loads (BLC 39 : Structure D)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N83	N20	N21	N237B	Y	Two Way	-.005
2	N81	N79A	N21	N237B	Y	Two Way	-.005
3	N80	N79A	N6	N7	Y	Two Way	-.005
4	N82	N80	N13	N238B	Y	Two Way	-.005
5	N14	N84	N238B	N13	Y	Two Way	-.005
6	N84	N83	N237B	N238B	Y	Two Way	-.005

### Member Area Loads (BLC 40 : Structure Di)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N83	N20	N21	N237B	Y	Two Way	-.01
2	N81	N79A	N21	N237B	Y	Two Way	-.01
3	N80	N79A	N6	N7	Y	Two Way	-.01
4	N80	N82	N238B	N13	Y	Two Way	-.01
5	N14	N84	N238B	N13	Y	Two Way	-.01
6	N84	N83	N237B	N238B	Y	Two Way	-.01

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

Member	Shape	Code Check	Loc[ft]	LC	Shear Check	Loc.....	LC	phi*Pn...	phi*Pn...	phi*Mn...	phi*Mn.....	Eqn
1	M1	HSS4X4X3	.211	6.333	4	.080	.99 y	24	90889...	106812	12.662	12.662 3..H1-1b
2	M3	PL1/2x9	.420	.583	24	.156	.583 y	23	88850...	145800	1.519	27.338 1..H1-1b

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

Member	Shape	Code Check	Loc[ft]	LC	Shear Check	Loc.....	LC	phi*Pn...	phi*Pn...	phi*Mn...	phi*Mn.....	Eqn
3	M4	HSS4X4X3	.237	6.333	12	.081	.99 y	22	90889...	106812	12.662	3...H1-1b
4	M6	PL1/2x9	.419	.583	22	.158	.583 y	19	88850...	145800	1.519	27.338 1...H1-1b
5	M7	HSS4X4X3	.213	6.333	8	.082	.99 y	16	90889...	106812	12.662	12.662 3...H1-1b
6	M9	PL1/2x9	.424	.583	16	.158	.583 y	15	88850...	145800	1.519	27.338 1...H1-1b
7	M10	C5x2x.25	.281	6.417	37	.066	12.... y	18	7092.1...	68850	2.198	7.449 1...H1-1b
8	M11	C5x2x.25	.157	.668	6	.067	12.... y	24	7092.1...	68850	2.198	9.83 2...H1-1b
9	M12	C5x2x.25	.157	12.165	8	.068	.535 y	24	7092.1...	68850	2.198	9.83 2...H1-1b
10	MP5B	PIPE 2.0	.250	4.661	7	.148	4.661	6	24045...	32130	1.872	1.872 1...H1-1b
11	MP5A	PIPE 2.0	.247	4.661	3	.149	4.661	2	24045...	32130	1.872	1.872 2...H1-1b
12	MP5C	PIPE 2.0	.252	4.661	11	.153	4.661	12	24045...	32130	1.872	1.872 2...H1-1b
13	M16	PL1/4x3	.516	.557	9	.229	0 y	16	15479...	24300	.127	1.519 1...H1-1b
14	M18	PL1/4x3	.520	.557	5	.225	0 y	22	15479...	24300	.127	1.519 1...H1-1b
15	M19	PL1/4x3	.533	0	12	.236	0 y	24	15479...	24300	.127	1.519 1...H1-1b
16	M20	PL1/4x3	.517	.557	1	.233	0 y	18	15479...	24300	.127	1.519 1...H1-1b
17	M21	PL1/4x3	.528	0	8	.236	0 y	20	15479...	24300	.127	1.519 1...H1-1b
18	M22	PL1/4x3	.501	.557	9	.232	0 y	24	15479...	24300	.127	1.519 1...H1-1b
19	M23	L3X3X4	.763	2.54	7	.138	6.417 z	18	4694.3...	46656	1.688	2.887 1...H2-1
20	M24	L3X3X4	.744	2.54	3	.137	7.62 z	14	4694.3...	46656	1.688	2.86 1...H2-1
21	M25	L3X3X4	.751	2.54	11	.137	7.62 z	22	4694.3...	46656	1.688	2.846 1...H2-1
22	M26	PL1/4x3	.651	.557	7	.080	.557 y	7	15479...	24300	.127	1.519 1...H1-1b
23	M27	PL1/4x3	.681	.557	7	.086	.557 y	7	15479...	24300	.127	1.519 1...H1-1b
24	M28	PL1/4x3	.644	.557	3	.079	.557 y	3	15479...	24300	.127	1.519 1...H1-1b
25	M29	PL1/4x3	.669	.557	3	.085	.557 y	3	15479...	24300	.127	1.519 1...H1-1b
26	M30	PL1/4x3	.640	.557	11	.081	.557 y	11	15479...	24300	.127	1.519 1...H1-1b
27	M31	PL1/4x3	.690	.557	11	.084	.557 y	11	15479...	24300	.127	1.519 1...H1-1b
28	M32	L3X3X4	.889	2.54	7	.142	7.62 y	14	4694.3...	46656	1.688	2.785 1...H2-1
29	M33	L3X3X4	.869	2.54	3	.142	7.62 y	22	4694.3...	46656	1.688	2.777 1...H2-1
30	M34	L3X3X4	.877	2.54	11	.141	7.62 y	18	4694.3...	46656	1.688	2.785 1...H2-1
31	M35	PL1/4x3	.686	.557	19	.073	.557 y	7	15479...	24300	.127	1.519 1...H1-1b
32	M36	PL1/4x3	.830	.557	7	.078	.557 y	7	15479...	24300	.127	1.519 1...H1-1b
33	M37	PL1/4x3	.683	.557	15	.072	.557 y	3	15479...	24300	.127	1.519 1...H1-1b
34	M38	PL1/4x3	.810	.557	3	.076	.557 y	3	15479...	24300	.127	1.519 1...H1-1b
35	M39	PL1/4x3	.679	.557	23	.072	.557 y	11	15479...	24300	.127	1.519 1...H1-1b
36	M40	PL1/4x3	.834	.557	11	.078	.557 y	11	15479...	24300	.127	1.519 1...H1-1b
37	M41	PIPE 2.0	.533	3.917	8	.167	0	7	26732...	32130	1.872	1.872 2...H1-1b
38	M201	PIPE 2.0	.209	2.04	8	.079	1.999	9	26732...	32130	1.872	1.872 2...H1-1b
39	M50	PIPE 2.0	.236	2.04	6	.082	1.999	6	26732...	32130	1.872	1.872 2...H1-1b
40	M44	PIPE 2.0	.505	3.917	6	.151	.49	18	26732...	32130	1.872	1.872 2...H1-1b
41	M45	PIPE 2.0	.527	3.917	4	.162	0	3	26732...	32130	1.872	1.872 3...H1-1b
42	M203	PIPE 2.0	.208	2.04	4	.081	1.999	5	26732...	32130	1.872	1.872 1...H1-1b
43	M200	PIPE 2.0	.232	2.04	2	.082	1.999	1	26732...	32130	1.872	1.872 3...H1-1b
44	M48	PIPE 2.0	.498	3.917	2	.150	.49	14	26732...	32130	1.872	1.872 2...H1-1b
45	M49	PIPE 2.0	.549	3.917	12	.166	0	11	26732...	32130	1.872	1.872 2...H1-1b
46	M202	PIPE 2.0	.217	2.04	12	.084	1.999	1	26732...	32130	1.872	1.872 3...H1-1b
47	M51	PIPE 2.0	.224	2.04	10	.078	1.999	10	26732...	32130	1.872	1.872 1...H1-1b
48	M52	PIPE 2.0	.492	3.917	11	.148	.49	22	26732...	32130	1.872	1.872 2...H1-1b
49	M53	C5x2x.25	.088	2.266	2	.027	0 y	15	23718...	68850	2.198	8.644 1...H1-1b
50	M54	L4X3X4	.099	2.692	14	.009	5.068 z	21	33990...	54756	1.844	3.966 1...H2-1
51	M55	L4X3X4	.098	2.375	15	.009	0 z	16	33990...	54756	1.844	3.959 1...H2-1
52	M56	LL2.5X2....	.190	5.696	21	.002	0 y	23	41369...	62208	3.621	2.746 1 H1-1b*
53	M57	LL2.5X2....	.189	5.696	13	.002	5.696 y	23	41369...	62208	3.621	2.746 1 H1-1b*
54	M58	LL2.5X2....	.188	5.696	17	.002	5.696 y	19	41369...	62208	3.621	2.746 1 H1-1b*
55	M61	SR 0.5	.198	0	17	.131	0	18	5610.8...	6350.4	.052	.052 1...H1-1b
56	M62	SR 0.5	.198	0	17	.131	0	18	5610.8...	6350.4	.052	.052 1...H1-1b
57	M67	SR 0.5	.191	0	24	.125	0	24	5610.8...	6350.4	.052	.052 1...H1-1b
58	M68	SR 0.5	.190	0	24	.125	0	24	5610.8...	6350.4	.052	.052 1...H1-1b
59	M73	SR 0.5	.206	0	15	.127	0	15	5610.8...	6350.4	.052	.052 1...H1-1b





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

	Member	Shape	Code Check	Loc[ft]	LC	Shear Check	Loc.....	LC	phi*Pn...	phi*Pn...	phi*Mn...	phi*Mn.....	Eqn
117	M216	L2.5x2.5x4	.050	1.683	4	.019	0 z	10	27422...	38556	1.114	2.445	1..H2-1
118	M217	L2.5x2.5x4	.046	1.683	6	.023	3.232 y	12	27422...	38556	1.114	2.445	1..H2-1

### 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	N9	max	5790.162	9	734.98	13	2347.703	2	-.102	11	2.39	12	-.092	7
2		min	-4000.36	3	-28.317	7	-3318.204	8	-.482	17	-2.418	6	-.869	13
3	N16	max	3981.79	11	547.319	9	2244.17	11	.052	7	2.152	8	.769	21
4		min	-5712.884	5	-67.245	3	-3270.63	5	-.392	13	-2.189	2	-.065	3
5	N2	max	1150.848	10	554.636	5	6723.557	1	.837	17	2.152	4	.214	10
6		min	-1176.678	4	-73.095	11	-4694.184	7	.017	11	-2.18	10	-.237	4
7	N86	max	93.002	3	2782.177	21	3665.724	21	0	51	0	51	0	51
8		min	-6348.209	21	-19.282	3	-53.744	3	0	1	0	1	0	1
9	N87	max	6309.845	17	2765.364	17	3642.115	17	0	51	0	51	0	51
10		min	-127.007	11	-34	11	-73.289	11	0	1	0	1	0	1
11	N85	max	23.12	10	2774.342	13	222.171	7	0	51	0	51	0	51
12		min	-23.69	4	-62.347	7	-7309.595	13	0	1	0	1	0	1
13	Totals:	max	4750.033	10	8962.268	13	4932.825	1						
14		min	-4750.063	4	4212.1	7	-4932.981	7						



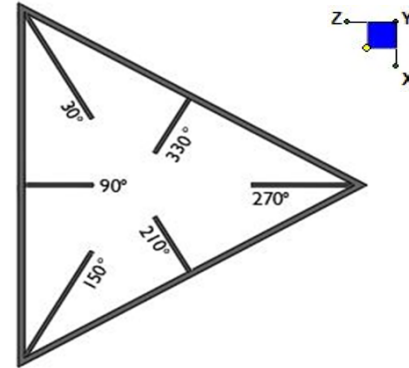
Client:	Verizon Wireless	Date:	6/22/2021
Site Name:	RIDGEFIELD CT		
Project No.	21777243A		
Title:	Mount Fix	Page:	1

Version 3.1

## I. Mount-to-Tower Connection Check

### RISA Model Data

Nodes (labeled per RISA)	Orientation (per graphic of typical platform)
N9	30
N2	270
N16	150



TYPICAL PLATFORM

### Tower Connection Bolt Checks

Any moment resistance?:

Bolt Quantity per Reaction:

$d_x$  (in) (Delta X of typ. bolt config. sketch):

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

Bolt Type:

Bolt Diameter (in):

Required Tensile Strength (kips):

Required Shear Strength (kips):

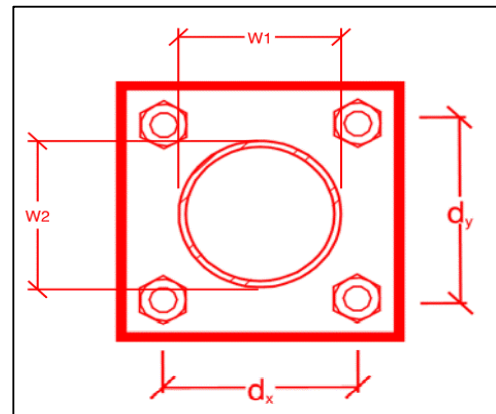
Tensile Strength / bolt (kips):

Shear Strength / bolt (kips):

Tensile Capacity Overall:

Shear Capacity Overall:

yes
4
6
6
A325N
0.625
10.9
2.2
20.7
12.4
13.2%*
4.5%



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

### Tower Connection Plate and Weld Check

Connecting Standoff Member Shape:

Plate Width (in):

Plate Height (in):

W1 (in):

W2 (in):

Fy (ksi, plate):

$t_{plate}$  (in):

Weld Size (1/16 in):

$\Phi \cdot R_n$  (kip/in):

Required Weld Strength (kip/in):

Plate Bending Capacity:

Weld Capacity:

Rect
8
8
4
4
36
0.75
3
4.18
1.45
17.3%
34.7%

### Max Plate Bending Strengths

$M_{u_{xx}}$ (kip-in):	1.2
$\Phi \cdot M_{n_{xx}}$ (kip-in):	36.5
$M_{u_{yy}}$ (kip-in):	5.1
$\Phi \cdot M_{n_{yy}}$ (kip-in):	36.5



# Mount Desktop – Post Modification Inspection (PMI) Report Requirements

## Documents & Photos Required from Contractor – Mount Modification

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**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 modification was completed in accordance with the modification drawings.
- Contractor shall relay any data that can impact the performance of the mount or the mount modification, this includes safety issues.

### **Base Requirements:**

- Any special photos outside of the standard requirements will be indicated on the drawings
- Provide “as built drawings” showing contractor’s name, preparer’s signature, and date. Any deviations from the drawings (proposed modification) must be shown.
- Notation that all hardware was properly installed, and the existing hardware was inspected for any issues.
- Verification that loading is as communicated in the modification drawings. NOTE If loading is different than what is conveyed in the modification drawing 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 <https://pmi.vzwsmart.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 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 modifications. Each entire sector must be in one photo to show in the inter-connection of members.

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

- Close-up photos of each installed modification per the modification drawings; pictures should also include connection hardware (U-bolts, bolts, nuts, all-threaded rods, etc.)
- Photos showing the measurements of the installed modification member sizes (i.e. lengths, widths, depths, diameters, thicknesses)
- Photos showing the elevation or distances of the installed modifications from the appropriate reference locations shown in the modification drawings
- Photos showing the installed modifications onto the tower with tape drop measurements (if applicable) (i.e. ring/collar mounts, tie-backs, V-bracing kits, etc.); if the existing mount elevation needs to be changed according to the modification drawings, a tape drop measurement shall be provided before the elevation change
- 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.

### Material Certification:

- Materials utilized must be as per specification on the drawings or the equivalent as validated by Maser Consulting Connecticut.
  - If the drawings are as specified on the drawings

The contractor should provide the packing list or the materials utilized to perform the mount modification
  - If an equivalent is utilized

It is required that the Maser Consulting Connecticut certification of such is included in the contractor submission package. There may be an additional charge for this certification if the equivalent submission doesn't meet specifications as prescribed in the drawings.
- The contractor must certify that the materials meet these specifications by one of these methods.

☒ The Material utilized was as specified on the Maser Consulting Connecticut Mount Modification Drawings and included in the Material certification folder is a packing list or invoice for these materials

☒ The material utilized was an “equivalent” and included as part of the contractor submission is the Maser Consulting Connecticut certification, invoices, or specifications validating accepted status

Certifying Individual: Company  
Name  
Signature

### **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	<div style="border-bottom: 1px solid black; height: 1em;"></div>
Name	<div style="border-bottom: 1px solid black; height: 1em;"></div>
Signature	<div style="border-bottom: 1px solid black; height: 1em;"></div>

**Special Instructions / Validation as required from the MA or Mod Drawings:**

### Issue:


















Contractor to cut away existing grating as necessary for the proper installation of Modification kits detailing the referenced Mount Modification Drawings.

Contractor to ensure the safety climb wire rope and facilities are unobstructed and are not in contact with any steel members. Contractor to install safety climb wire rope guides as necessary.

**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

Sector: A

6/22/2021

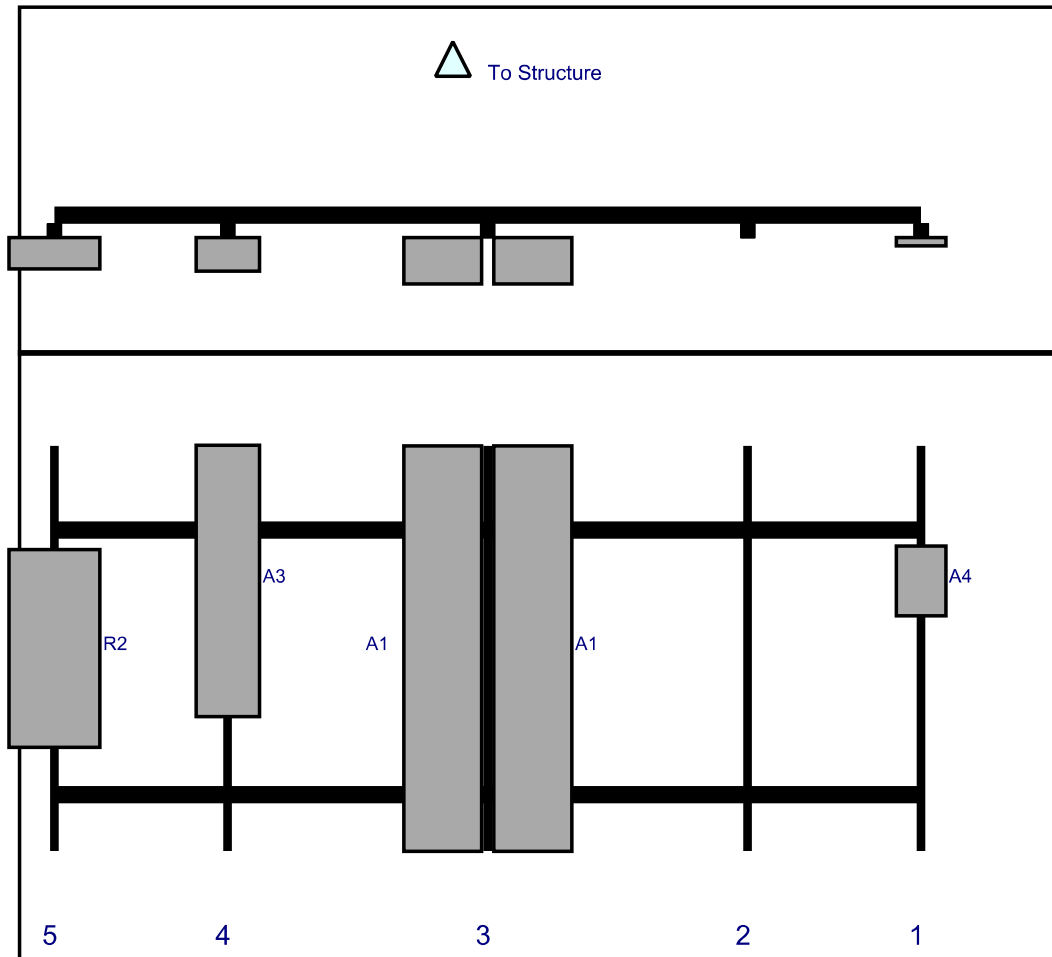
Structure Type: Monopole

10044604

Mount Elev: 125.50

Page: 1

Plan View

Front View  
Looking 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
A4	XXDWMM-12.5-65-8T-CBRS	12.3	8.7	154	1	a	Front	24	0	Retained	04/02/2021
A1	JAHH-65B-R3B	72	13.8	77	3	a	Front	36	8	Added	
A1	JAHH-65B-R3B	72	13.8	77	3	b	Front	36	-8	Added	
A3	BXA-80080/4CF FP	48.2	11.2	30.8	4	a	Front	24	0	Retained	04/02/2021
R2	MT6407-77A	35.1	16.1	0	5	a	Front	36	0	Added	

Sector: **B**

6/22/2021

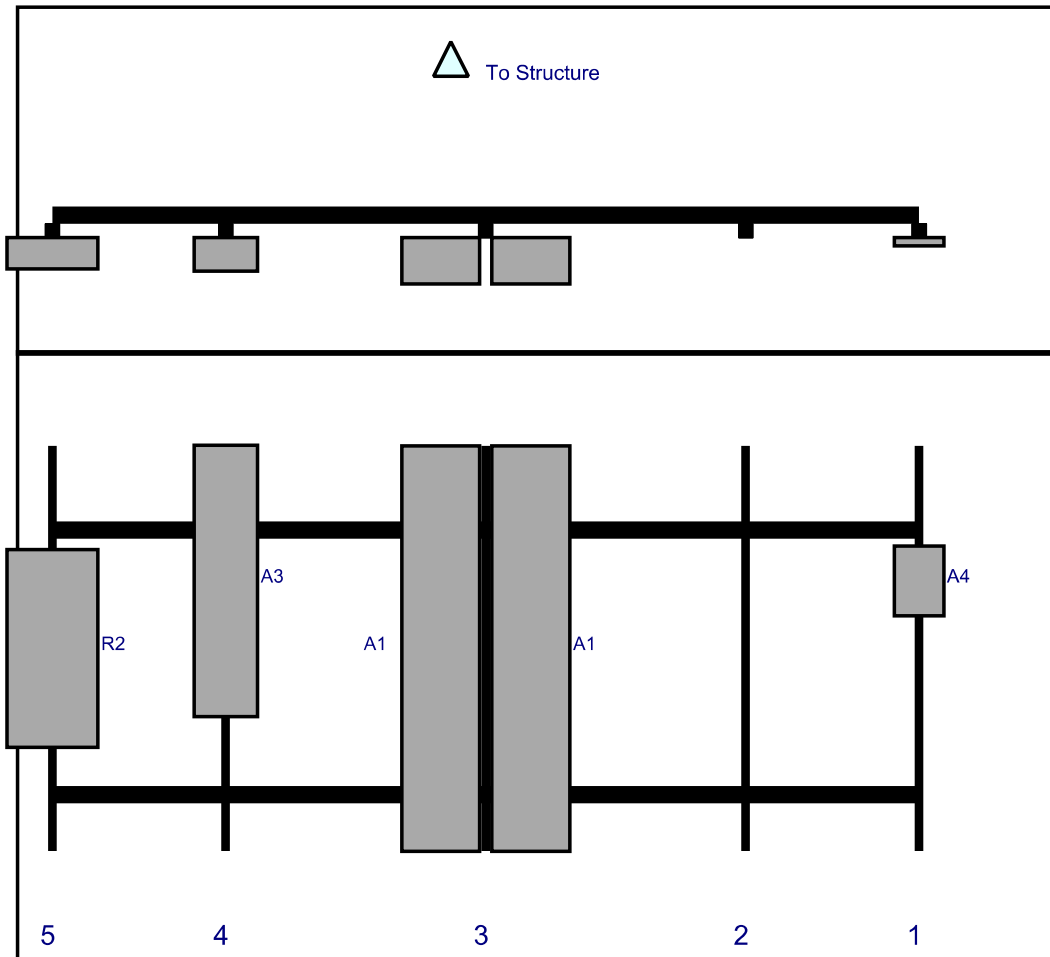
Structure Type: Monopole

10044604

Mount Elev: 125.50

Page: 2

Plan View

Front View  
Looking 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
A4	XXDWMM-12.5-65-8T-CBRS	12.3	8.7	154	1	a	Front	24	0	Retained	04/02/2021
A1	JAHH-65B-R3B	72	13.8	77	3	a	Front	36	8	Added	
A1	JAHH-65B-R3B	72	13.8	77	3	b	Front	36	-8	Added	
A3	BXA-80080/4CF FP	48.2	11.2	30.8	4	a	Front	24	0	Retained	04/02/2021
R2	MT6407-77A	35.1	16.1	0	5	a	Front	36	0	Added	

Sector: C

6/22/2021

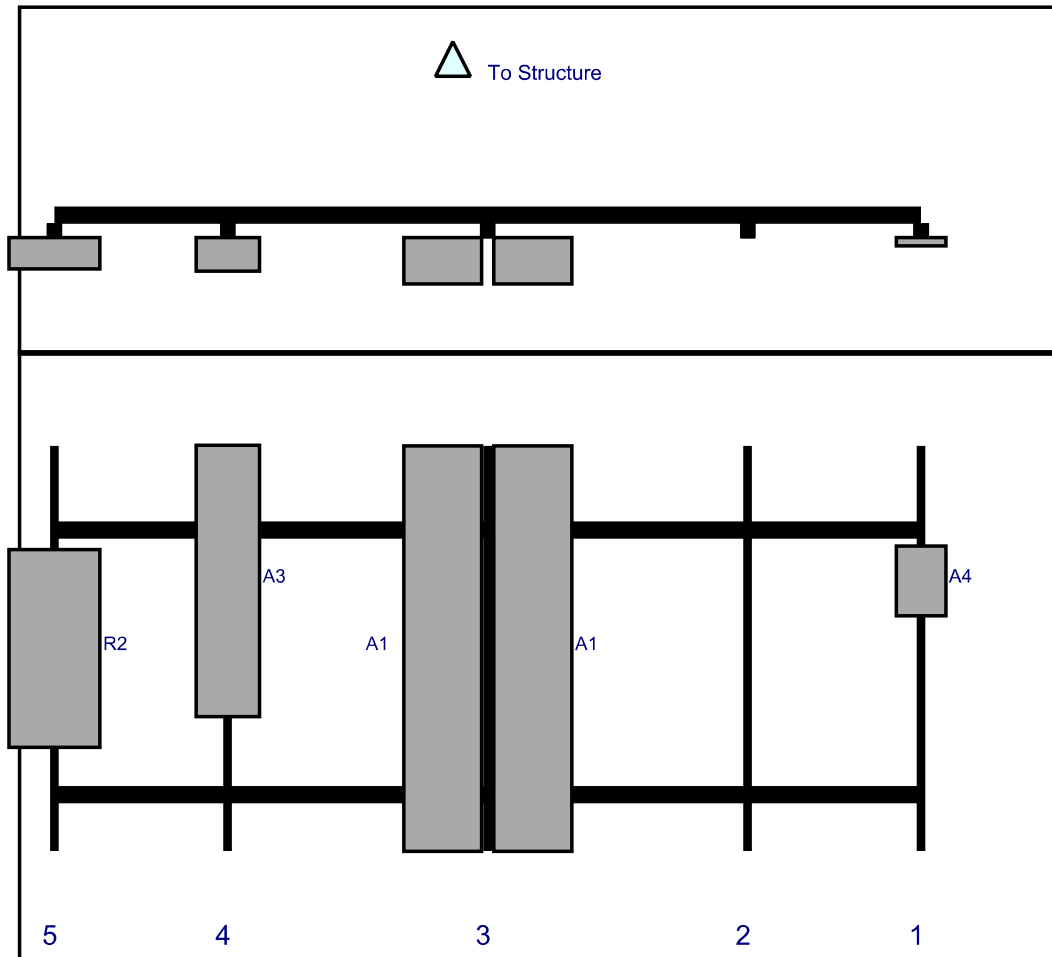
Structure Type: Monopole

10044604

Mount Elev: 125.50

Page: 3

Plan View

Front View  
Looking 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
A4	XXDWMM-12.5-65-8T-CBRS	12.3	8.7	154	1	a	Front	24	0	Retained	04/02/2021
A1	JAHH-65B-R3B	72	13.8	77	3	a	Front	36	8	Added	
A1	JAHH-65B-R3B	72	13.8	77	3	b	Front	36	-8	Added	
A3	BXA-80080/4CF FP	48.2	11.2	30.8	4	a	Front	24	0	Retained	04/02/2021
R2	MT6407-77A	35.1	16.1	0	5	a	Front	36	0	Added	

# Maser Consulting Connecticut

**Subject**

TIA-222-H Usage

**Site Information**

Site ID:	468697-VZW / RIDGEFIELD CT
Site Name:	RIDGEFIELD CT
Carrier Name:	Verizon Wireless
Address:	76 East Ridge Ave Ridgefield, Connecticut 06877 Fairfield County
Latitude:	41.280917°
Longitude:	-73.492889°

**Structure Information**

Tower Type:	130-Ft Monopole
Mount Type:	12.83-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. 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 site to ensure the engineer is taking into account the most current engineering standard available.

Sincerely,

Taqi Khawaja, PE  
Technical Specialist



## PROJECT NOTES

1. SEE MODIFICATION NOTES
2. THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE CODES, ORDINANCES, LAWS AND REGULATIONS OF ALL MUNICIPALITIES, STATE AND FEDERAL AGENCIES AND ALL APPLICABLE UTILILITY COMPANIES OR OTHER PUBLIC GOVERNING AUTHORITIES.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITS AND INSPECTIONS THAT MAY BE REQUIRED BY ANY FEDERAL, STATE, COUNTY OR MUNICIPAL AUTHORITIES.
4. THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION MANAGER, IN WRITING, OF ANY CONFLICTS, ERRORS OR OMISSIONS PRIOR TO THE SUBMISSION OF BID OR PERFORMANCE OF WORK.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL EXISTING SITE IMPROVEMENTS PRIOR TO COMMENCING ANY CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGE AS A RESULT OF CONSTRUCTION OF THIS FACILITY AT THE CONTRACTOR'S EXPENSE TO THE SATISFACTION OF THE OWNER.
6. THE SCOPE OF WORK FOR THE PROJECT SHALL INCLUDE PROVIDING ALL MATERIALS, EQUIPMENT AND LABOR REQUIRED TO COMPLETE THE PROJECT. ALL EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
7. THE CONTRACTOR SHALL VISIT THE PROJECT SITE PRIOR TO SUBMITTING THE BID TO VERIFY THAT THE PROJECT CAN BE CONSTRUCTED IN ACCORDANCE WITH THE CONTRACT DOCUMENTS AND CONSTRUCTION DRAWINGS.
8. THE CONTRACTOR SHALL VERIFY ALL EXISTING DIMENSIONS AND CONDITIONS PRIOR TO COMMENCING ANY WORK. ALL DIMENSIONS OF EXISTING CONSTRUCTION SHOWN ON THESE DRAWINGS MUST BE VERIFIED. THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION MANAGER IMMEDIATELY IN WRITING OF ANY ORDERING MATERIAL OR PROCEEDING WITH CONSTRUCTION.
9. SINCE THE CELL SITE MAY BE ACTIVE, ALL SAFETY PRECAUTIONS MUST BE TAKEN WHEN WORKING AROUND HIGH LEVELS OF RADIO FREQUENCY ENERGY. THE CONTRACTOR SHALL SHUT DOWN PRIOR TO PERFORMING ANY WORK THAT COULD EXPOSE THE WORKERS TO DANGER. PERSONAL RF EXPOSURE MONITORS ARE REQUIRED TO BE WORN TO ALERT OF ANY POTENTIALLY DANGEROUS EXPOSURE LEVELS.
10. NO NOISE, SMOKE, DUST OR ODOR WILL RESULT FROM THIS FACILITY AS TO CAUSE A NUISANCE.
11. THE FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION (NO HANDICAP ACCESS IS REQUIRED).

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## MOUNT MODIFICATION DRAWINGS EXISTING 12.83' PLATFORM

SITE NAME: RIDGEFIELD CT  
SITE NUMBER: 468697

76 EAST RIDGE AVE  
RIDGEFIELD, CT 06877  
FAIRFIELD COUNTY

### PROJECT INFORMATION

**SITE INFORMATION**  
LATITUDE: 41.369917° N  
LONGITUDE: 73.629887° W  
JURISDICTION: FAIRFIELD COUNTY

**APPLICANT/LIENSEE**  
COMPANY: VERIZON WIRELESS

**CLIENT REPRESENTATIVE**  
COMPANY: VERIZON WIRELESS  
ADDRESS: 1000 WESTBOROUGH AVENUE  
CITY, STATE, ZIP: WESTBOROUGH, MA 01581  
CONTACT: ANDREW CANDELLO  
EMAIL: ANDREW.CANDELLO@VERIZONWIRELESS.COM

**PROJECT MANAGER**  
COMPANY: MASER CONSULTING CONNECTICUT  
CONTACT: PETER ALBANO  
PHONE: 866-797-0412  
EMAIL: PETER.ALBANO@COLLIERSENGINEERING.COM

### SHEET INDEX

SHEET	DESCRIPTION
T-1	TITLE SHEET
S-1	BILL OF MATERIALS
S-2	MODIFICATION NOTES
S-3	MODIFICATION DETAILS
S-4	MODIFICATION DETAILS
S-5	MODIFICATION DETAILS
S-6	MODIFICATION DETAILS
S-7	MODIFICATION DETAILS
S-8	MODIFICATION DETAILS
S-9	MODIFICATION DETAILS
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S-11	MODIFICATION DETAILS
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S-100	MODIFICATION DETAILS

### CONTRACTOR PMI REQUIREMENTS

PMI LOCATION: [HTTPS://PMI.VZWSMART.COM](https://pmi.vzwsmart.com)  
SMART TOOL PROJECT #: 100464  
VZW LOCATION CODE (PLC): 468697  
PUZE ID: 1627197

### PMI REQUIREMENTS EMBEDDED WITHIN MOUNT MODIFICATION REPORT

### REFERENCED DOCUMENTS

FAILING MOUNT ANALYSIS REPORT  
SMART TOOL PROJECT #: 100464  
MASER CONSULTING PROJECT #: 2177243A  
ANALYSIS DATE: 6/4/2021



**MASER CONSULTING  
CONNECTICUT**  
Customer Loyalty Through Client Satisfaction  
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- NEW YORK
- FLORIDA
- GEORGIA
- ILLINOIS
- INDIANA
- KANSAS
- MICHIGAN
- MINNESOTA
- MISSISSIPPI
- MISSOURI
- MONTANA
- NORTH CAROLINA
- NORTH DAKOTA
- OHIO
- OKLAHOMA
- PENNSYLVANIA
- TEXAS
- TENNESSEE
- UTAH
- VIRGINIA
- WISCONSIN
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**PROTECT YOURSELF**  
ALL STATES REQUIRE AN 811 CALL BEFORE ANY EXCAVATION OR DRILLING. FAILURE TO CALL 811 BEFORE ANY EXCAVATION OR DRILLING MAY RESULT IN FINE, JAIL, OR DEATH.  
Call before you dig.  
811  
FOR STATE-SPECIFIC 811 INFORMATION, VISIT [www.811.org](http://www.811.org)

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## VZWSMART KITS - APPROVED VENDORS

CONTACT	COMMSCOPE	PHONE PHONE EMAIL WEBSITE	SALVADOR ANGUIANO (817) 304-1492 SALVADOR.ANGUIANO@COMMSCOPE.COM WWW.COMMSCOPE.COM
	METROSITE FABRICATORS, LLC		KENT RANEY (706) 335-7045 (O), (706) 982-9788 (M) KENT@METROSITELLC.COM METROSITEFABRICATORS.COM
	PERFECTVISION		WIRELESS SALES (844) 887-4723 WWW.PERFECT-VISION.COM WIRELESS@PERFECT-VISION.COM
	SABRE INDUSTRIES, INC.		ANGIE WELCH (866) 438-4937 AKWELCH@SABREINDUSTRIES.COM WWW.SABRESOLUTIONS.COM
CONTACT	SITE PRO 1	PHONE PHONE EMAIL WEBSITE	PAULIA BOSWELL (972) 236-9843 PAULIA.BOSWELL@VALPOINT.COM WWW.SITEPRO1.COM

NOTE: WHEN SPECIFIED, VZWSMART KITS SHALL BE REQUIRED AND WILL BE VERIFIED DURING THE DESKTOP PMI

[illegible]



MODIFICATION INSPECTION NOTES

MI CHECKLIST		REPORT ITEM
CONSTRUCTION/INSTALLATION INSPECTIONS AND TESTING (COMPLETED BY EOR)		
PRE-CONSTRUCTION		
X	MI CHECKLIST DRAWING	
X	EOB APPROVED SHOP DRAWINGS	
NA	FABRICATION INSPECTION	
NA	FABRICATOR CERTIFIED WELD INSPECTION	
X	MATERIAL TEST REPORT (MTR)	
NA	FABRICATOR NDE INSPECTION	
X	PACKING SLIPS	
ADDITIONAL TESTING AND INSPECTIONS:		
CONSTRUCTION		
X	CONSTRUCTION INSPECTIONS	
NA	CONTRACTOR'S CERTIFIED WELD INSPECTION AND NDE REPORTS	
X	ON SITE COLD GALVANIZING VERIFICATION	
X	GC AS-BUILT DOCUMENTS	
ADDITIONAL TESTING AND INSPECTIONS:		
POST-CONSTRUCTION		
X	MI INSPECTOR (REDLINE OR RECORD DRAWING(S))	
X	VZW PMI DOCUMENTS	
X	PHOTOGRAPHS	
ADDITIONAL TESTING AND INSPECTIONS:		

NOTE: X DENOTES A DOCUMENT REQUIRED FOR THE MI REPORT  
NA DENOTES A DOCUMENT THAT IS NOT REQUIRED FOR THE MI REPORT

THE MODIFICATION INSPECTION (MI) IS A VISUAL INSPECTION OF MODIFICATIONS AND A REVIEW OF CONSTRUCTION INSPECTIONS AND OTHER REPORTS TO ENSURE THE INSTALLATION WAS COMPLETED IN ACCORDANCE WITH THE REQUIREMENTS OF THE MODIFICATION DRAWINGS, AS DESIGNED BY THE ENGINEER OF RECORD (EOR).

THE MI IS TO CONFIRM INSTALLATION CONFIGURATION AND WORKMANSHIP ONLY AND IS NOT A REVIEW OF THE MODIFICATION DESIGN ITSELF. NOR DOES THE MI INSPECTOR TAKE RESPONSIBILITY FOR THE DESIGN OF THE MODIFICATION. THE MI INSPECTOR SHALL PROVIDE DESIGN EFFECTIVENESS AND INTEGRITY REVIEWS WITH THE EOR AT ALL TIMES.

TO ENSURE THAT THE REQUIREMENTS OF THE MI ARE MET, IT IS VITAL THAT THE GENERAL CONTRACTOR (GC) AND THE MI INSPECTOR COMMUNICATE AND COORDINATE PRIOR TO THE MI. AS SOON AS A PURCHASE ORDER (PO) IS RECEIVED, IT IS EXPECTED THAT EACH PARTY WILL BE PROACTIVE IN REACHING OUT TO THE OTHER PARTY.

MI INSPECTOR

THE MI INSPECTOR IS REQUIRED TO CONTACT THE GC AS SOON AS RECEIVING A PO FOR THE MI TO AT A MINIMUM:

- REVIEW THE REQUIREMENTS OF THE MI CHECKLIST
  - WORK WITH THE GC TO DEVELOP A SCHEDULE TO CONDUCT ON-SITE INSPECTIONS
- THE MI INSPECTOR IS RESPONSIBLE FOR COLLECTING ALL GC INSPECTION AND TEST REPORTS, REVIEWING THE DOCUMENTS FOR ADHERENCE TO THE CONTRACT DOCUMENTS, CONDUCTING THE IN-FIELD INSPECTIONS, AND SUBMITTING THE MI REPORT TO EOR.

GENERAL CONTRACTOR

THE GC IS REQUIRED TO CONTACT THE MI INSPECTOR AS SOON AS RECEIVING A PO FOR THE MODIFICATION INSTALLATION OR TURNKEY PROJECT TO AT A MINIMUM:

- REVIEW THE REQUIREMENTS OF THE MI CHECKLIST
  - WORK WITH THE MI INSPECTOR TO DEVELOP A SCHEDULE TO CONDUCT ON-SITE MI INSPECTIONS, INCLUDING FOUNDATION INSPECTIONS
  - BETTER UNDERSTAND ALL INSPECTION AND TESTING REQUIREMENTS
- THE GC SHALL PERFORM AND RECORD THE TEST AND INSPECTION RESULTS IN ACCORDANCE WITH THE REQUIREMENTS OF THE MI CHECKLIST.

RECOMMENDATIONS

THE FOLLOWING RECOMMENDATIONS AND SUGGESTIONS ARE OFFERED TO ENHANCE THE EFFICIENCY AND EFFECTIVENESS OF DELIVERING AN MI REPORT:

- IT IS SUGGESTED THAT THE GC PROVIDE A MINIMUM OF 5 BUSINESS DAYS NOTICE, PREFERABLY 10, TO THE MI INSPECTOR AS TO WHEN THE SITE WILL BE READY FOR THE MI TO BE CONDUCTED. THE MI INSPECTOR SHALL COORDINATE CLOSELY THROUGHOUT THE ENTIRE PROJECT.
- WHEN POSSIBLE, IT IS PREFERRED TO HAVE THE GC AND MI INSPECTOR ON-SITE SIMULTANEOUSLY FOR ANY GUY WIRE TENSIONING OR RE-TENSIONING OPERATIONS. IT MAY BE BENEFICIAL TO INSTALL ALL MODIFICATIONS PRIOR TO CONDUCTING THE MI INSPECTIONS. THE MI INSPECTOR SHALL ALLOW THE FOUNDATION AND MI INSPECTIONS TO COMMENCE WITH ON-SITE VISIT.
- WHEN POSSIBLE, IT IS PREFERRED TO HAVE THE GC AND MI INSPECTOR ON-SITE DURING THE MI TO HAVE ANY DEFICIENCIES CORRECTED DURING THE INITIAL MI. THEREFORE, THE GC MAY CHOOSE TO COORDINATE THE MI CAREFULLY TO ENSURE ALL CONSTRUCTION FACILITIES ARE AT THEIR DISPOSAL WHEN THE MI INSPECTION IS ON-SITE.

CORRECTION OF FAILING MTS

IF THE MODIFICATION INSTALLATION WOULD FAIL THE MI ("FAILED MI"), THE GC SHALL WORK WITH THE OWNER TO COORDINATE A REMEDIATION PLAN:

- CORRECT FAILING ISSUES TO COMPLY WITH THE SPECIFICATIONS CONTAINED IN THE ORIGINAL CONTRACT DOCUMENTS AND COORDINATE A SUPPLEMENT MI.

REQUIRED PHOTOS

BETWEEN THE GC AND THE MI INSPECTOR THE FOLLOWING PHOTOGRAPHS, AT A MINIMUM, ARE TO BE TAKEN AND INCLUDED IN THE MI REPORT:

- PRE-CONSTRUCTION GENERAL SITE CONDITION
- PHOTOGRAPHS DURING THE REINFORCEMENT MODIFICATION CONSTRUCTION/ERECTION AND INSPECTION
  - RAW MATERIALS
  - PHOTOS OF ALL CRITICAL DETAILS
  - FOUNDATION MODIFICATIONS
  - REINFORCEMENT
  - BOLT INSTALLATION
  - FINAL INSTALLED CONDITION
  - SURFACE COATING REPAIR
- POST CONSTRUCTION PHOTOGRAPHS
- FINAL IN-FIELD CONDITION

PHOTOS OF ELEVATED MODIFICATIONS TAKEN ONLY FROM THE GROUND SHALL BE CONSIDERED INADEQUATE.



NEW JERSEY  
NEW YORK  
FLORIDA  
NORTH CAROLINA  
PENNSYLVANIA  
Tennessee  
Texas  
VIRGINIA  
Washington  
West Virginia  
Wisconsin  
Wyoming



FOR STATE OF NEW YORK, THE MI INSPECTOR SHALL BE A LICENSED PROFESSIONAL ENGINEER IN THE STATE OF NEW YORK.

AS SHOWN 2/17/2024

DATE	DESCRIPTION	BY	CHK
2/17/2024	REVISION	MI INSPECTOR	



Officially signed by the MI INSPECTOR

DATE: 2/17/2024

TIME: 10:00 AM

LOCATION: 76 EAST RIDGE AVE

PROJECT: RIDGEFIELD CT 06897

SUBJECT: MODIFICATION OF EXISTING FOUNDATION

ENGINEER: MAERSK CONSULTING CONNECT

PROJECT NO: 2024-001

DATE: 2/17/2024

TIME: 10:00 AM

LOCATION: 76 EAST RIDGE AVE

PROJECT: RIDGEFIELD CT 06897

SUBJECT: MODIFICATION OF EXISTING FOUNDATION

ENGINEER: MAERSK CONSULTING CONNECT

PROJECT NO: 2024-001

DATE: 2/17/2024

TIME: 10:00 AM

LOCATION: 76 EAST RIDGE AVE

PROJECT: RIDGEFIELD CT 06897

SUBJECT: MODIFICATION OF EXISTING FOUNDATION

ENGINEER: MAERSK CONSULTING CONNECT

PROJECT NO: 2024-001

DATE: 2/17/2024

TIME: 10:00 AM

LOCATION: 76 EAST RIDGE AVE

PROJECT: RIDGEFIELD CT 06897

SUBJECT: MODIFICATION OF EXISTING FOUNDATION

ENGINEER: MAERSK CONSULTING CONNECT

PROJECT NO: 2024-001

DATE: 2/17/2024





TIME: 10:00 AM

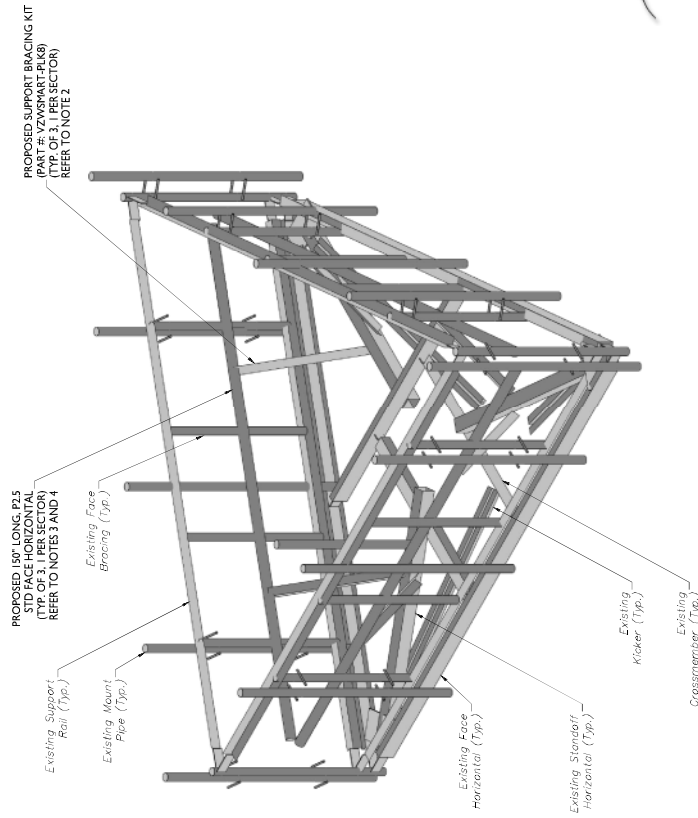
LOCATION: 76 EAST RIDGE AVE

PROJECT: RIDGEFIELD CT 06897

SUBJECT: MODIFICATION OF EXISTING FOUNDATION

ENGINEER: MAERSK CONSULTING CONNECT

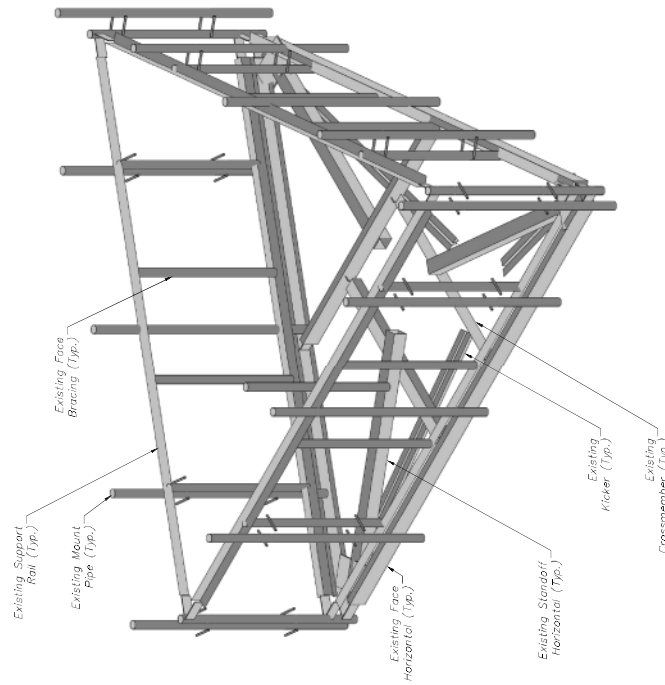
 <b>MASTER CONSULTING - CONNECTICUT</b> <small>NOTE: THIS FIRM IS AN EQUAL OPPORTUNITY AND AFFIRMATIVE ACTION EMPLOYER.</small> <small>www.masterconsulting.com</small>		<b>NEW JERSEY</b> NEW YORK VIRGINIA NORTH CAROLINA SOUTH CAROLINA		<b>NEW MEXICO</b> MARYLAND TEXAS COLORADO	
					
<div style="display: flex; justify-content: space-between;"> <div>  <p><b>PROTECT YOURSELF</b>          ALL STATES REQUIRE AN INVESTIGATION OF THE EXISTENCE OF UTILITIES PRIOR TO EXCAVATION. REQUEST AN 811 SERVICE TO CONDUCT THE INVESTIGATION. <b>CALL BEFORE YOU DIG.</b></p> </div> <div> <p>FOR STATE SPECIFICATIONS, LISTENING NUMBERS, POST CARD, AND MORE, VISIT <a href="http://www.811.org">www.811.org</a></p> </div> </div>					
AS SHOWN DATE: 11/17/2014		PERMITTED 217774A			
0 6/29/2011 NEW	0 6/29/2011 NEW	0 6/29/2011 NEW	0 6/29/2011 NEW	0 6/29/2011 NEW	0 6/29/2011 NEW
<div style="display: flex; justify-content: space-between;"> <div> <p>STATE OF CONNECTICUT          DEPARTMENT OF CONSTRUCTION          DIVISION OF PERMITS</p> </div> <div> <p>Sealed and Witnessed          by the State Engineer          and the State Architect          on 11/17/2014</p> </div> </div>					
Signature of Engineer: [Signature] Date: 11/17/2014					
I, a duly licensed Professional Engineer, hereby certify that the information furnished herein is true and correct, and that I am the Engineer responsible for the design and construction of the project described herein. I understand that any false or misleading information furnished herein may result in the revocation of my license and the imposition of penalties. I agree to indemnify and hold the State of Connecticut harmless from and against all claims, damages, and expenses, including reasonable attorneys' fees, that may be asserted against or incurred by the State of Connecticut in connection with this project.					
SITE NAME: RIDGEFIELD CT 468697 76 EAST RIDGE AVE RIDGEFIELD, CT 06877 FAIRFIELD/COUNTY					
					
MODIFICATION DETAILS					



2 PROPOSED PLATFORM ISOMETRIC VIEW  
SCALE: N.T.S.

**MODIFICATION NOTES:**






1. MOUNT MEMBERS NOT SHOWN FOR CLARITY UNO.
2. CONTRACTOR TO VERIFY THE LENGTH REQUIRED AND TRIM AS NECESSARY IN ACCORDANCE WITH THE 'STRUCTURAL STEEL' NOTES ON SHEET S-2.
3. RADIO AND/OR THE POSITIONS SHALL BE ADJUSTED VERTICALLY AS NEEDED IN ORDER TO ACHIEVE INSTALLATION OF HORIZONTAL AS SHOWN, EOR SHALL BE NOTIFIED IF EQUIPMENT NEEDS TO BE RELOCATED TO ANOTHER MOUNT PIPE.
4. CONNECT NEW HORIZONTAL TO ALL EXISTING VERTICAL FACE BRACING WITH CROSSOVER PLATES (PART #: VZW3SMART-MSK11).
5. CONTRACTOR TO CUT GRATING IN ORDER TO FACILITATE PROPER INSTALLATION OF PROPOSED MODIFICATION KITS AS NECESSARY.

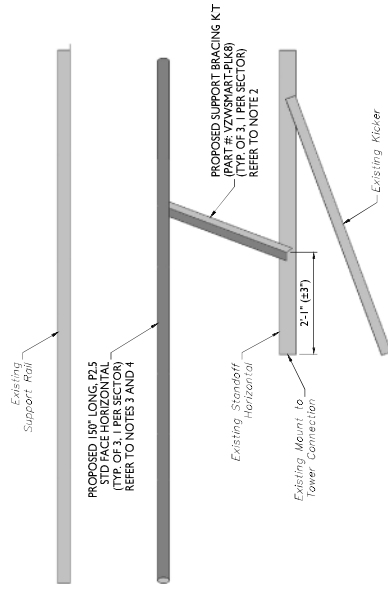


1 EXISTING PLATFORM ISOMETRIC VIEW  
SCALE: N.T.S.

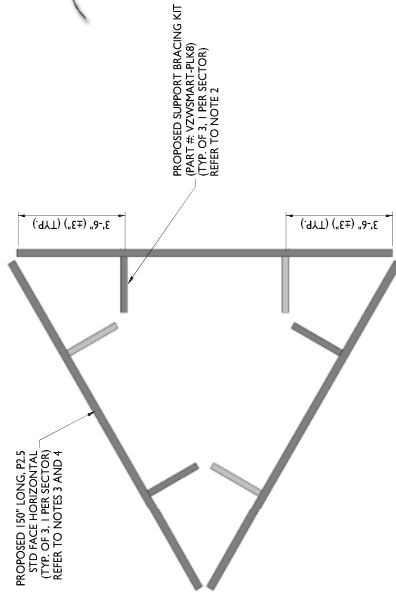
STRUCTURAL NOTES:

1. PER THE MOUNT MAPPING COMPLETED BY ROAMING NETWORK INC. ON 4/7/2021, THE SAFETY CLIMB AND CLIMBING FACILITIES UP TO THE VERZON MOUNT ELEVATION (121'-45") ARE IN GOOD CONDITION. NASER DOES NOT WARRANT THIS INFORMATION.
2. INSTALLS SHALL NOT CAUSE HARM TO THE STRUCTURE, CLIMBING FACILITY, SAFETY CLIMB, OR ANY SYSTEM INSTALLED ON THE STRUCTURE. TIMELY NOTICE AND DOCUMENTATION SHALL BE PROVIDED BY CONTRACTORS TO THE EOR (OF STRUCTURAL DESIGN) IF AN OBSTRUCTION WAS REQUIRED TO MEET THE RF SYSTEM DESIGN REQUIREMENTS AND PERFORMANCES.

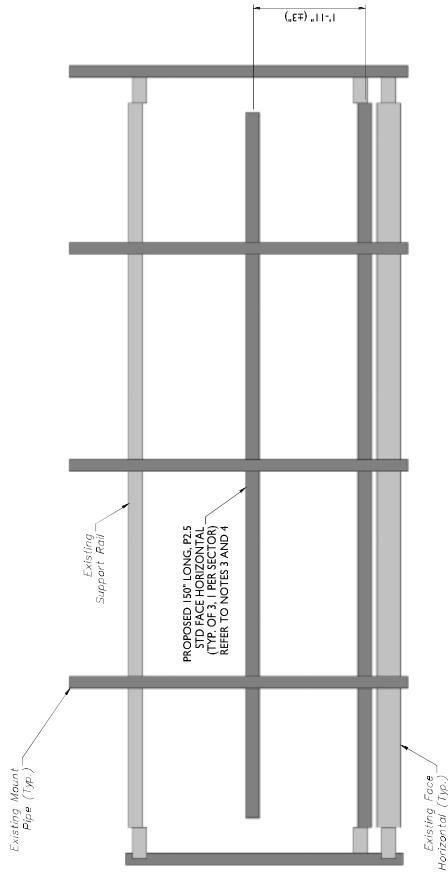
 <b>MASTER CONSULTING - CONNECTICUT</b> <small>NOTE: THIS FIRM IS AN EQUAL OPPORTUNITY EMPLOYER          FIRM ADDRESS: 1000 WESTERN AVENUE, SUITE 200          WESTPORT, CT 06881          www.masterconsulting.com</small>		<b>NEW JERSEY</b> NEW YORK VIRGINIA NORTH CAROLINA SOUTH CAROLINA		<b>NEW MEXICO</b> MARYLAND TEXAS COLORADO	
					
<div style="display: flex; justify-content: space-between;"> <div>  <b>PROTECT YOURSELF</b>          ALL STATES REQUIRE AN INTERFERENCE OF          LIABILITY INSURANCE POLICY TO COVER THE          DAMAGE ADVERTISED IN THIS STATE          Know the law below,          Call before you dig       </div> <div>         FOR STATE SPECIFICATIONS, LISTEN TO THE NUMBERS POST          1-800-4-A-DIG       </div> </div>					
AS SHOWN		PERMITTED		217774A	
1	-	-	-	-	-
2	-	-	-	-	-
3	-	-	-	-	-
4	-	-	-	-	-
5	-	-	-	-	-
6	6/29/2011	CONSTRUCTION	PREC	TK	
7	0	DATE	DESCRIPTION	PROJECT	PROJECT NUMBER
8	REV	DATE	DESCRIPTION	PROJECT	PROJECT NUMBER
					
State of Connecticut Department of Transportation 1000 WESTERN AVENUE, SUITE 200 WESTPORT, CT 06881 Tel: 860.791.1200 Fax: 860.791.1200 E-mail: <a href="mailto:info@ctdot.state.ct.us">info@ctdot.state.ct.us</a> Web: <a href="http://www.ctdot.state.ct.us">www.ctdot.state.ct.us</a>					
Authority signed by: [Signature] Date: 2012.06.25 16:25:18					
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF AN ENGINEER, TO ALTER THIS DOCUMENT.					
SITE NAME: RIDGEFIELD CT 468697 76 EAST RIDGE AVE RIDGEFIELD, CT 06877 FAIRFIELD/COUNTY					
 STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION 1000 WESTERN AVENUE, SUITE 200 WESTPORT, CT 06881 Phone: 860.791.1200 Fax: 860.791.1200					
SHEET TITLE: MODIFICATION DETAILS					
SHEET NUMBER:					



PROPOSED SIDE ELEVATION (TYP. ALL SECTORS)



PROPOSED PLAN VIEW



PROPOSED FRONT ELEVATION (TYP. ALL SECTORS)

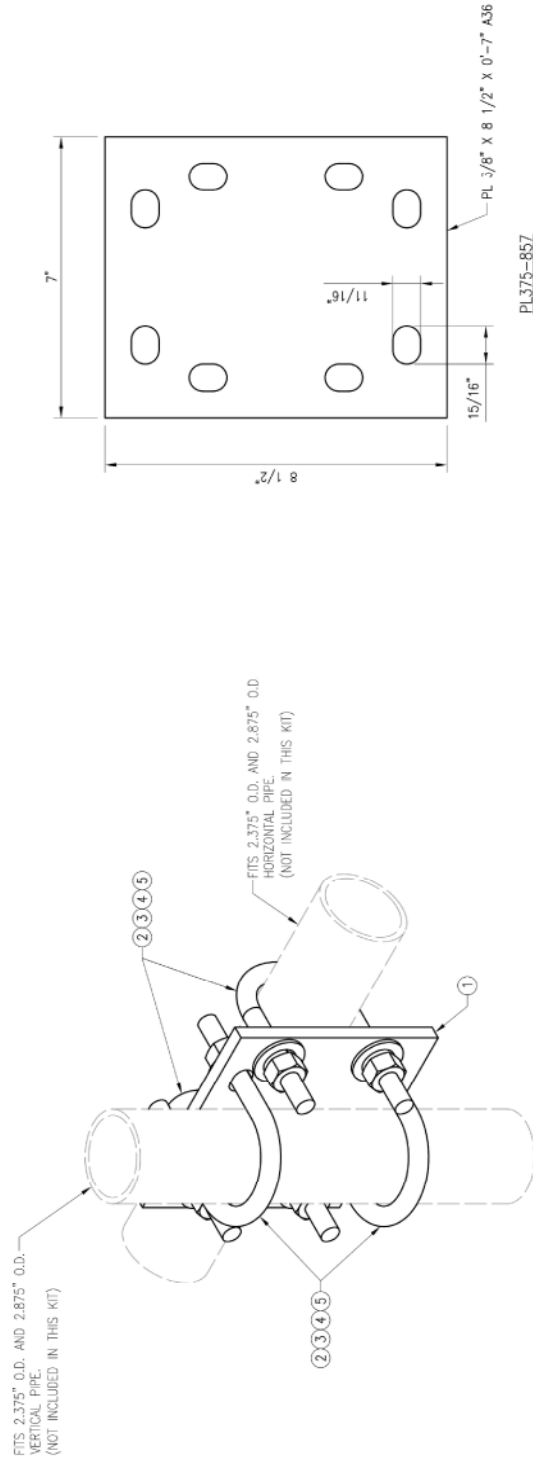
1. MOUNT MEMBERS NOT SHOWN FOR CLARITY U.N.O.
2. CONTRACTOR TO VERIFY THE LENGTH REQUIRED AND TRIM AS NECESSARY IN ACCORDANCE WITH THE 'STRUCTURAL STEEL' NOTES ON SHEET S-2.
3. RADIO AND/OR THE POSITIONS SHALL BE ADJUSTED VERTICALLY AS NEEDED IN ORDER TO ACHIEVE INSTALLATION OF HORIZONTAL AS SHOWN. EOR SHALL BE NOTIFIED IF EQUIPMENT NEEDS TO BE RELOCATED TO ANOTHER MOUNT PPE.
4. CONNECT NEW HORIZONTAL TO ALL EXISTING VERTICAL FACE BRACING WITH CROSSOVER PLATES (PART #: VZWSMART-HSK1).
5. CONTRACTOR TO CUT GRATING IN ORDER TO FACILITATE PROPER INSTALLATION OF PROPOSED MODIFICATION KITS AS NECESSARY.







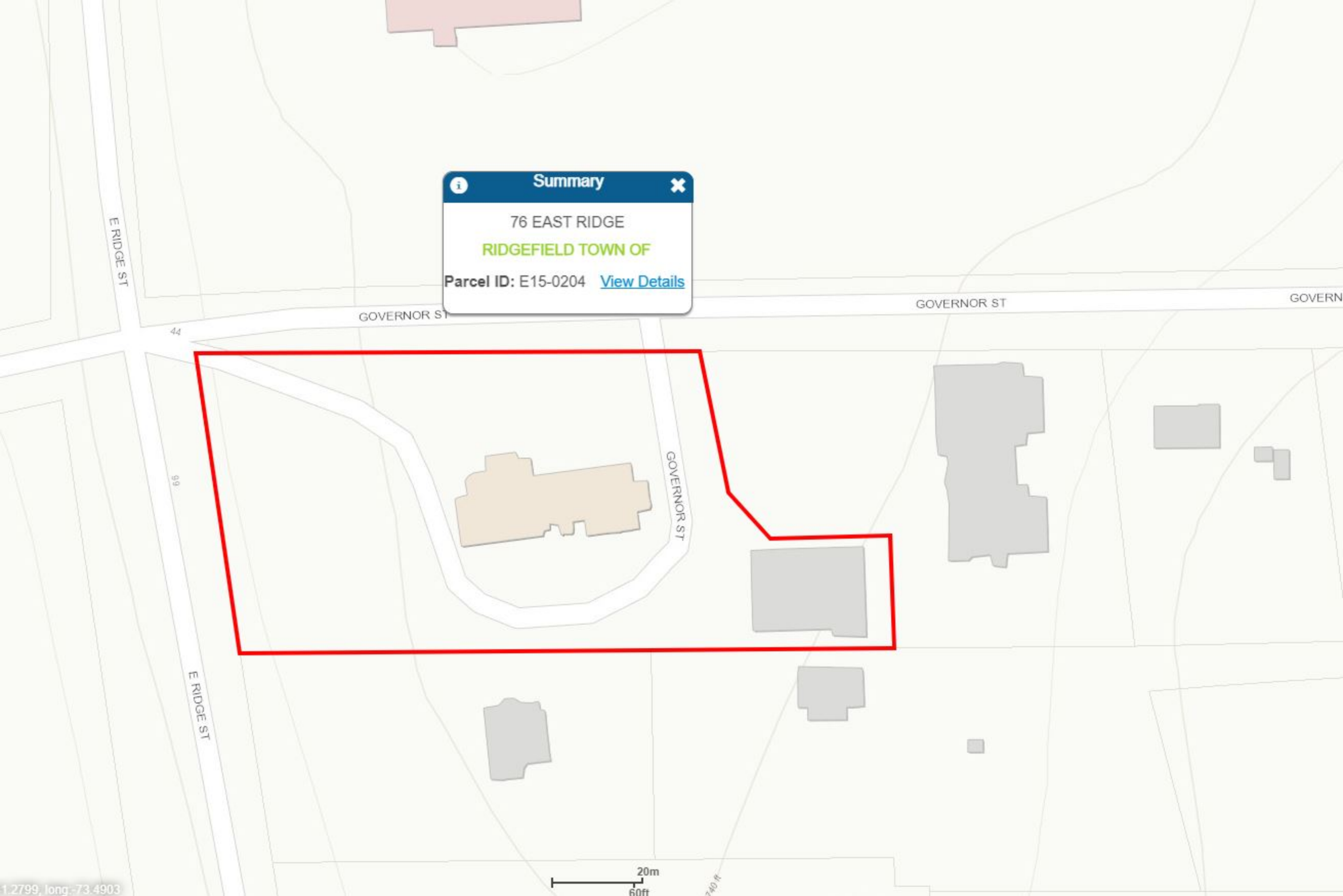






VZWSMART-MSK1 (CROSSOVER PLATE)						
ITEM NO.	QTY.	PART NO.	DESCRIPTION	SHEET #	WT	
1	4	PL375-857	F. 3/8" x 8 1/2" x 0"-7" A36	MSK1-F1	6	
2	4	M502-625-300-500	RJ-BOLT 5/8" x 3" I.W. X 5" T.L. A36 (DR EQUIV.)	REC-1	5	
3	8	FW-625	5/8" HIG USS FLAT WASHER	---	1	
4	8	LW-625	5/8" HDG LOCK WASHER	---	0	
5	8	NUT-625	5/8" HDG HEX NUT	---	1	
					GALVANIZED WT	14

NOTES:  
1. HOT-DIPPED GALVANIZED PER ASTM A123.

# **ATTACHMENT 5**



Summary

76 EAST RIDGE

RIDGEFIELD TOWN OF

Parcel ID: E15-0204 [View Details](#)

# RIDGEFIELD TOWN OF

RIDGEFIELD, CT 99999

Parcel ID: E15-0204

Lot Size (AC): 0

Total Value:

Links

Abutters

 Property Sketch

 Property Map

 Photo

 Google Map

Parcel ID E15-0204

Street Address 76 EAST RIDGE

Owner RIDGEFIELD TOWN OF

Town RIDGEFIELD

State CT

Zip Code 99999

Land Area (AC)

Scroll



Zone DA

# **ATTACHMENT 6**



RIDGEFIELD  
Certificate of Mailing — Firm

Name and Address of Sender  Kenneth C. Baldwin, Esq. Robinson & Cole LLP 280 Trumbull Street Hartford, CT 06103		TOTAL NO. of Pieces Listed by Sender  2	TOTAL NO. of Pieces Received at Post Office™  2	Affix Stamp Here <i>Postmark with Date of Receipt.</i>  neopost 10/01/2021 US POSTAGE \$002.99  ZIP 06103 041L12203937			
		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.		Rudy Marconi, First Selectman Town of Ridgefield 400 Main Street Ridgefield, CT 06877					
2.		Richard Baldelli, Director of Planning & Zoning/ZEO Town Hall Annex 66 Prospect Street Ridgefield, CT 06877					
3.							
4.							
5.							
6.							