Robinson+Cole

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Also admitted in Massachusetts
and New York

June 9, 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**
15 Great Pasture Road, Danbury, Connecticut

Dear Attorney Bachman:

Cellco Partnership d/b/a Verizon Wireless ("Cellco") currently maintains an existing wireless telecommunications facility at the above-referenced property address (the "Property"). The facility consists of antennas and remote radio heads attached to a tower and related equipment on the ground, near the base of the tower. The tower and Cellco's use of the tower were approved by the Council in December 2015 (Docket No. 462). A copy of Docket No 462 Decision and Order is included in Attachment 1.

Cellco now intends to modify its facility by removing all of its existing antennas and installing three (3) Samsung MT6407-77A antennas; four (4) NHH-33B-R2B antennas; two (2) NHH-45B-R2B antennas; and two (2) NHH-65B-R2B antennas (11 total) on its existing antenna platform. Cellco also intends to remove all of its remote radio heads ("RRHs") and install eight (8) new RRHs behind the antennas. A set of project plans showing Cellco's proposed facility modifications and new antennas and RRHs specifications are included in Attachment 2.

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

The planned modifications to the facility fall squarely within those activities explicitly provided for in R.C.S.A. § 16-50j-72(b)(2).

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

2. The proposed modifications will not involve any change to ground-mounted equipment and, therefore, will not require the extension of the site boundary.

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

4. The installation of Cellco's 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 General Power Density table for the modified facility is included in Attachment 3. The modified facility will be capable of providing Cellco's 5G wireless service.

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

6. According to the attached Structural Analysis ("SA") and Mount Analysis ("MA"), the existing tower, tower foundation, tower base plate and antenna mounting device, 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 and the property owner is included in Attachment 6.

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

Sincerely,

Kenneth C. Baldwin

Enclosures
Copy to:
Joseph M. Cavo, Danbury Mayor
Sharon Calitro, Director Planning and Zoning
Eppoliti Industrial Realty Inc., Property Owner
Aleksey Tyurin

ATTACHMENT 1

DOCKET NO. 462 – Cellco Partnership d/b/a Verizon Wireless application for a Certificate of Environmental Compatibility and Public Need for the construction, maintenance, and operation of a telecommunications facility located at Danbury Tax Assessor's Map L16, Lot 5, 15 Great Pasture Road, Danbury, Connecticut.	}	Connecticut
	}	Siting
	}	Council

December 10, 2015

Decision and Order

Pursuant to Connecticut General Statutes §16-50p and the foregoing Findings of Fact and Opinion, the Connecticut Siting Council (Council) finds that the effects associated with the construction, maintenance, and operation of a telecommunications facility, including effects on the natural environment; ecological integrity and balance; public health and safety; scenic, historic, and recreational values; forests and parks; air and water purity; and fish and wildlife are not disproportionate, either alone or cumulatively with other effects, when compared to need, are not in conflict with the policies of the State concerning such effects, and are not sufficient reason to deny the application, and therefore directs that a Certificate of Environmental Compatibility and Public Need, as provided by General Statutes § 16-50k, be issued to Cellco Partnership d/b/a Verizon Wireless (Cellco), hereinafter referred to as the Certificate Holder, for a telecommunications facility at the proposed site, located at 15 Great Pasture Road, Danbury, Connecticut.

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

1. The tower shall be constructed as a monopole at a height of 120-feet above ground level to provide the proposed wireless services, sufficient to accommodate the antennas of Cellco and other entities, both public and private. The height of the tower may be extended after the date of this Decision and Order pursuant to regulations of the Federal Communications Commission.

2. The Certificate Holder shall prepare a Development and Management (D&M) Plan for this site in compliance with Sections 16-50j-75 through 16-50j-77 of the Regulations of Connecticut State Agencies. The D&M Plan shall be served on the City of Danbury and Town of Bethel for comment, and all parties and intervenors as listed in the service list, and submitted to and approved by the Council prior to the commencement of facility construction and shall include:
    a) final site plan(s) for development of the facility to include specifications for the tower, tower foundation, antennas, equipment compound including, but not limited to, fence design with anti-climbing measures, radio equipment, access road, utility line, utility trench depth relative to Department of Energy and Environmental Protection No Dig Restriction depth, emergency backup generator, and generator fuel tank with associated run time that employ the governing standard in the State of Connecticut for tower design in accordance with the currently adopted International Building Code;
    b) construction plans for site clearing, grading, landscaping, water drainage, and erosion and sedimentation controls consistent with the 2002 Connecticut Guidelines for Soil Erosion and Sediment Control, as amended;
    c) Protection plans for eastern box turtle, wood turtle and bog turtle including plans for the bog turtle's terrestrial activity; and
    d) Wetland protection plans.

3. Prior to the commencement of operation, the Certificate Holder shall provide the Council worst-case modeling of the electromagnetic radio frequency power density of all proposed entities' antennas at the closest point of uncontrolled access to the tower base, consistent with Federal Communications Commission, Office of Engineering and Technology, Bulletin No. 65, August 1997. The Certificate Holder shall ensure a recalculated report of the electromagnetic radio frequency power density be submitted to the Council if and when circumstances in operation cause a change in power density above the levels calculated and provided pursuant to this Decision and Order.

4. Upon the establishment of any new federal radio frequency standards applicable to frequencies of this facility, the facility granted herein shall be brought into compliance with such standards.

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

6. Unless otherwise approved by the Council, if the facility authorized herein is not fully constructed with at least one fully operational wireless telecommunications carrier providing wireless service within eighteen months from the date of the mailing of the Council's Findings of Fact, Opinion, and Decision and Order (collectively called "Final Decision"), this Decision and Order shall be void, and the Certificate Holder shall dismantle the tower and remove all associated equipment or reapply for any continued or new use to the Council before any such use is made. The time between the filing and resolution of any appeals of the Council's Final Decision shall not be counted in calculating this deadline. Authority to monitor and modify this schedule, as necessary, is delegated to the Executive Director. The Certificate Holder shall provide written notice to the Executive Director of any schedule changes as soon as is practicable.

7. Any request for extension of the time period referred to in Condition 6 shall be filed with the Council not later than 60 days prior to the expiration date of this Certificate and shall be served on all parties and intervenors, as listed in the service list, the City of Danbury and the Town of Bethel.

8. If the facility ceases to provide wireless services for a period of one year, this Decision and Order shall be void, and the Certificate Holder shall dismantle the tower and remove all associated equipment or reapply for any continued or new use to the Council within 90 days from the one year period of cessation of service. The Certificate Holder may submit a written request to the Council for an extension of the 90 day period not later than 60 days prior to the expiration of the 90 day period.

9. Any nonfunctioning antenna, and associated antenna mounting equipment, on this facility shall be removed within 60 days of the date the antenna ceased to function.

10. In accordance with Section 16-50j-77 of the Regulations of Connecticut State Agencies, the Certificate Holder shall provide the Council with written notice two weeks prior to the commencement of site construction activities. In addition, the Certificate Holder shall provide the Council with written notice of the completion of site construction, and the commencement of site operation.

11. The Certificate Holder shall remit timely payments associated with annual assessments and invoices submitted by the Council for expenses attributable to the facility under Conn. Gen. Stat. §16-50v.

12. This Certificate may be transferred in accordance with Conn. Gen. Stat. §16-50k(b), provided both the Certificate Holder/transferor and the transferee are current with payments to the Council for their respective annual assessments and invoices under Conn. Gen. Stat. §16-50v. In addition, both the Certificate Holder/transferor and the transferee shall provide the Council a written agreement as to the entity responsible for any quarterly assessment charges under Conn. Gen. Stat. §16-50v(b)(2) that may be associated with this facility.

13. The Certificate Holder shall maintain the facility and associated equipment, including but not limited to, the tower, tower foundation, antennas, equipment compound, radio equipment, access road, utility line and landscaping in a reasonable physical and operational condition that is consistent with this Decision and Order and a Development and Management Plan to be approved by the Council.

14. If the Certificate Holder is a wholly-owned subsidiary of a corporation or other entity and is sold/transferred to another corporation or other entity, the Council shall be notified of such sale and/or transfer and of any change in contact information for the individual or representative responsible for management and operations of the Certificate Holder within 30 days of the sale and/or transfer.

15. This Certificate may be surrendered by the Certificate Holder upon written notification and approval by the Council.

We hereby direct that a copy of the Findings of Fact, Opinion, and Decision and Order be served on each person listed in the Service List, dated July 9, 2015, and notice of issuance published in the Danbury News Times.

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

ATTACHMENT 2

WIRELESS COMMUNICATIONS FACILITY

BETHEL WEST 2 CT
15 GREAT PASTURE ROAD
DANBURY, CT 06810

DRAWING INDEX

SITE DIRECTIONS

START: 20 ALEXANDER DRIVE
WALLINGFORD, CONNECTICUT 06492

END: 15 GREAT PASTURE ROAD
DANBURY, CT 06810

1.	HEAD SOUTH TOWARDS ALEXANDER DRIVE	279 FT
2.	SLIGHT RIGHT TOWARDS ALEXANDER DRIVE	289 FT
3.	TURN RIGHT TOWARDS ALEXANDER DRIVE	167 FT
4.	TURN RIGHT ONTO ALEXANDER DRIVE	0.3 MI
5.	TURN RIGHT ONTO BARNES INDUSTRIAL RD S.	0.1 MI
6.	TURN RIGHT ONTO CT-68 W	0.4 MI
7.	TURN RIGHT ONTO N. COLONY RD	0.3 MI
8.	TURN RIGHT ONTO CT-15 N	0.5 MI
9.	CONTINUE ONTO CT-15 N	3.1 MI
10.	TAKE EXIT 68 W TO 1-691 W	7.9 MI
11.	TAKE EXIT 1 TO I-84 W	1.0 MI
12.	CONTINUE ON I-84 W TO EXIT 8	31.1 MI
13.	TAKE EXIT 8 TO MERGE ONTO NEWTOWN RD	0.2 MI
14.	CONTINUE ON NEWTOWN RD	1.4 MI
15.	TURN LEFT ONTO OLD SHELTER RD	0.6 MI
16.	TURN SLIGHTLY LEFT ONTO CROSS ST	0.2 MI
17.	TURN LEFT ONTO SHELTER ROCK RD	240 FT
18.	TURN SLIGHT RIGHT ONTO SHELTER ROCK LN	0.4 MI
19.	TURN LEFT ONTO GREAT PASTURE RD	0.2 MI
20.	TURN RIGHT	52 FT
21.	TURN LEFT (DESTINATION WILL BE ON THE LEFT)	82 FT

LOCATION MAP
SCALE : 1" = 500'-0"

SITE INFORMATION

VZ SITE NAME: BETHEL WEST 2 CT
VZ PROJ FUZE I.D.: 16244654
VZ LOCATION CODE: 467694
VZ PROJECT CODE: 20202198965
LOCATION: 15 GREAT PASTURE ROAD
DANBURY, CT 06810

PROJECT SCOPE: REFER TO NOTES ON DRAWING C-1 FOR SCOPE OF WORK.

MAP/BLOCK/LOT: L16/5 (DANBURY) & 20/40/1 (BETHEL)

ZONING DISTRICT: IL40

LATITUDE: 41° 22' 58.813" N (41.38300361° N)

LONGITUDE: 73° 25' 19.811" W (73.42216972° W)

SITE COORDINATES AND GROUND ELEVATION OBTAINED FROM GOOGLE EARTH.

GROUND ELEVATION: 387.1'± AMSL

PROPERTY OWNER: EPPOLITI INDUSTRIAL REALTY, INC.
37 DANBURY ROAD, SUITE 203
RIDGEFIELD, CT 06877

APPLICANT: CELLCO PARTNERSHIP
d/b/a VERIZON WIRELESS
20 ALEXANDER DRIVE
WALLINGFORD, CT 06492

LEGAL/REGULATORY COUNSEL: ROBINSON & COLE, LLP
KENNETH C. BALDWIN, ESQ.
280 TRUMBULL STREET
HARTFORD, CT 06103

ENGINEER CONTACT: ALL-POINTS TECHNOLOGY CORP., P.C.
567 VAUXHALL STREET EXTENSION - SUITE 311
WATERFORD, CT 06385
(860) 663-1697

VERIZON SMART TOOL PROJECT # 10019434

Cellco Partnership d/b/a
verizon
20 ALEXANDER DRIVE
WALLINGFORD, CT 06492

ALL-POINTS TECHNOLOGY CORPORATION
567 VAUXHALL STREET EXTENSION - SUITE 311
WATERFORD, CT 06385 PHONE: (860)-663-1697
WWW.ALLPOINTSTECH.COM FAX: (860)-663-0935

CONSTRUCTION DOCUMENTS

NO	DATE	REVISION
0	12/15/20	FOR REVIEW: JRM
1	02/18/21	PER VZW COMMENTS: JRM
2	02/23/21	PER VZW COMMENTS: JRM
3	05/07/21	PER VZW COMMENTS: JRM
4	06/08/21	FOR FILING: JRM
5		
6		

STATE OF CONNECTICUT
MICHAEL TRODDEN
33313
LICENSED
PROFESSIONAL ENGINEER

DESIGN PROFESSIONALS OF RECORD

PROF: MICHAEL S. TRODDEN P.E.
COMP: ALL-POINTS TECHNOLOGY CORPORATION, P.C.
ADD: 567 VAUXHALL STREET EXT. SUITE 311 WATERFORD, CT 06385

OWNER: EPPOLITI INDUSTRIAL REALTY, INC.
ADDRESS: 37 DANBURY ROAD, SUITE 203 RIDGEFIELD, CT 06877

BETHEL WEST 2 CT

SITE ADDRESS: 15 GREAT PASTURE ROAD DANBURY, CT 06810

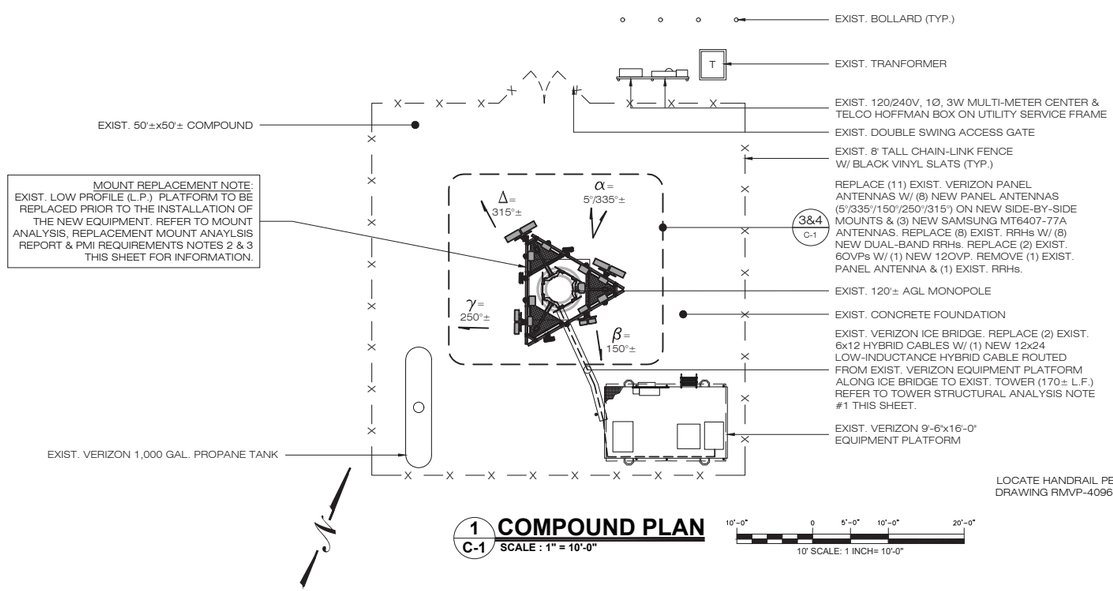
APT FILING NUMBER: CT141_11670

DRAWN BY: CSH
DATE: 12/15/20 CHECKED BY: JRM

VZ PROJECT CODE: 20202198965
VZ LOCATION CODE: 467694
VZ FUZE ID: 16244654

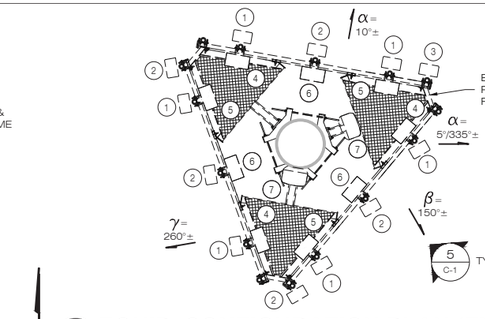
SHEET TITLE:
TITLE SHEET

SHEET NUMBER:
T-1

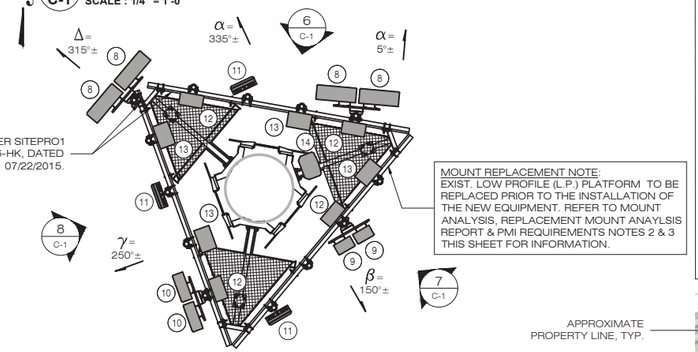


1 C-1 COMPOUND PLAN
SCALE : 1" = 10'-0"

10' SCALE: 1 INCH= 10'-0"



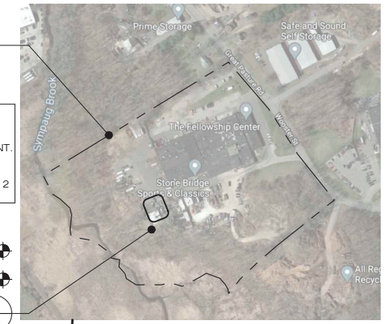
3 C-1 EQUIP. CONFIGURATION PLAN (EXIST.)
SCALE : 1/4" = 1'-0"



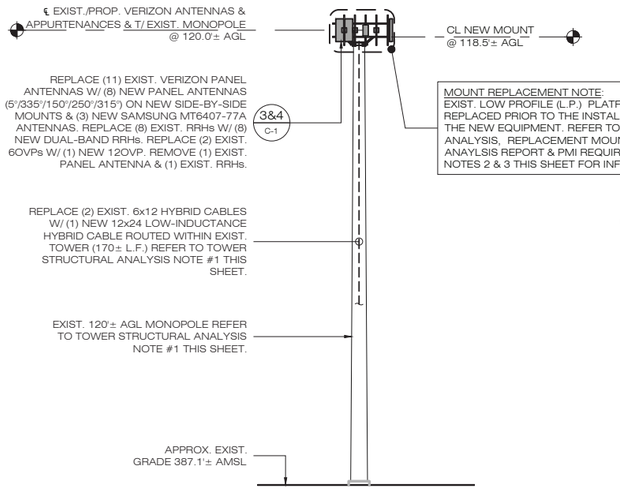
4 C-1 EQUIP. CONFIGURATION PLAN (NEW)
SCALE : 1/4" = 1'-0"

NOTES:

1. REFER TO MONOPOLE TOWER STRUCTURAL ANALYSIS REPORT PREPARED BY ALL POINTS TECHNOLOGY CORP., P.C. DATED 05/07/21 AVAILABLE UNDER SEPARATE COVER.
2. REFER TO MOUNT ANALYSIS REPORT PREPARED BY MASER CONSULTING, P.A., PROJECT #20777355A MARKED REV1, DATED 05/04/21 AVAILABLE UNDER SEPARATE COVER.
3. REFER TO REPLACEMENT MOUNT ANAYLSIS REPORT & PMI REQUIREMENTS PREPARED BY MASER CONSULTING, P.A., PROJECT #20777355A DATED 02/10/21 AVAILABLE UNDER SEPERATE COVER.
4. BASE MAPPING FROM FIELD MEASUREMENTS TAKEN BY ALL-POINTS TECH. CORP., P.C. ON 11/20/20.
5. PROJECT SCOPE INCLUDES THE FOLLOWING:
   - REPLACEMENT (11) EXIST. VERIZON PANEL ANTENNAS W/ (8) NEW PANEL ANTENNAS (5°/335°/150°/250°/315°) ON NEW SIDE-BY-SIDE MOUNTS (P/N BSAMNT-SBS-2-2) & (3) NEW SAMSUNG MT6407-77A ANTENNAS.
   - REPLACEMENT OF (8) EXIST. RRHs W/ (8) NEW DUAL BAND RRHs.
   - REPLACEMENT (2) EXIST. 6OVPs W/ (1) NEW 12OVP.
   - REPLACEMENT OF (2) EXIST. 6x12 HYBRID CABLES w/ (1) NEW 12x24 LOW-INDUCTANCE HYBRID CABLE.
   - REPLACEMENT OF EXIST. ANTENNA PLATFORM w/ NEW PLATFORM WITH HANDRAIL. REFER TO NOTE #2&3 ABOVE.
   - REMOVAL OF (1) EXIST. ANTENNA.
   - REMOVAL OF (1) EXIST. RRHs.
6. ALL EXPOSED STEEL AND HARDWARE TO BE HOT DIP GALV. (HDG). PAINT TO MATCH EXIST. (WHERE APPLICABLE)
7. CAP & WEATHERPROOF ALL UN-USED CABLE ENTRY PORTS (WHERE APPLICABLE).
8. MOUNT & GROUND ALL NEW EQUIPMENT IN ACCORDANCE WITH NEC (NFPA-70), NESC AND MANUFACTURERS SPECIFICATION.
9. SECURE ALL NEW ANTENNA CABLES PER MANUFACTURER RECOMMENDATIONS.
10. BOND NEW ANTENNA MOUNTING PIPES TO ANTENNA SECTOR GROUND BAR w/ # 2 AWG, BCW, (WHERE APPLICABLE).

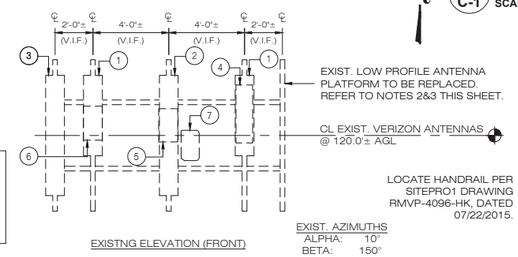


LOCATION PLAN
SCALE: 1" = 200'



2 C-1 TOWER ELEVATION
SCALE : 1" = 15'-0"

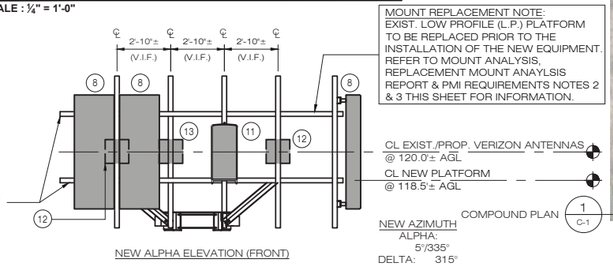
(IN FEET) 1 inch = 15ft.



EXISTNG ELEVATION (FRONT)

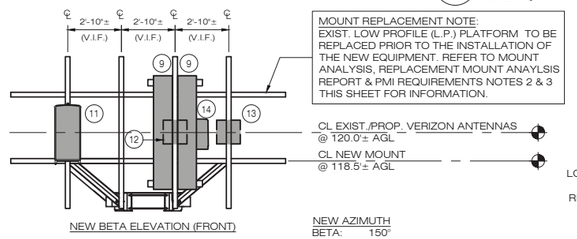
EXIST. AZIMUTHS
ALPHA: 10°
BETA: 150°
GAMMA: 260°

5 C-1 EQUIP. MOUNTING CONFIG. (EXIST.)
SCALE : ¼" = 1'-0"



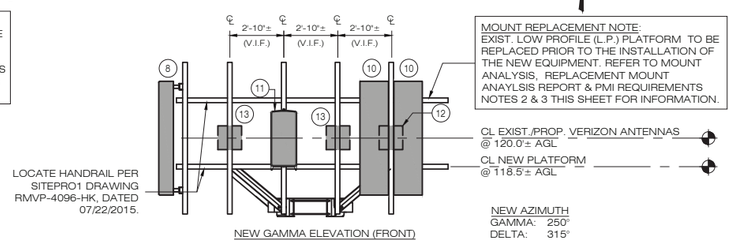
NEW ALPHA ELEVATION (FRONT)

6 C-1 ALPHA EQUIP. MOUNTING CONFIG. (NEW)
SCALE : ¼" = 1'-0"



NEW BETA ELEVATION (FRONT)

7 C-1 BETA EQUIP. MOUNTING CONFIG. (NEW)
SCALE : ¼" = 1'-0"



NEW GAMMA ELEVATION (FRONT)

8 C-1 GAMMA EQUIP. MOUNTING CONFIG. (NEW)
SCALE : ¼" = 1'-0"

NOTES:

1. ANTENNA CONFIGURATIONS SHOWN HEREIN ARE FRONT ELEVATIONS.
2. ANTENNA SPACING DIMENSIONS ARE TO THE CENTER OF THE EXIST. ANTENNA AND PROP. ANTENNA FACE.
3. REFER TO THE FINAL RFDS PROVIDED BY VERIZON FOR THE LATEST INFORMATION REGARDING EQUIPMENT MODELS, REQUIRED CABLING & DOWN-TILT INFORMATION.
4. APPLY 3M FILM OVER ALL EXPOSED mmWAVE ANTENNAS COLOR TO MATCH EXIST. FRP ENCLOSURES COORDINATE WITH VERIZON CONSTRUCTION MANAGER AND LL.

GENERAL ABBREVIATION LIST:

ABP	ABOVE BASE PLATE
AGL	ABOVE GROUND LEVEL
AMSL	ABOVE MEAN SEA LEVEL
AWS	ADVANCED WIRELESS SERVICE
HDG	HOT DIP GALVANIZED
OVP	OVER VOLTAGE PROTECTION
RRH	REMOTE RADIO HEAD
V.I.F.	VERIFY IN FIELD
W.P.	WORK POINT
A.F.R.	ABOVE FINISH ROOF

SCOPE OF WORK (ALL) SECTORS

1. EXIST. ANTENNA (TO BE REPLACED) MODEL: ANDREW HBXX-6516DS-A2M
2. EXIST. ANTENNA (TO BE REPLACED) MODEL: KATHREIN 80010735V01
3. EXIST. ANTENNA (TO BE REMOVED) MODEL: KATHREIN 80010735V01
4. EXIST. RRH (TO BE REPLACED) MODEL: NOKIA B4 RRH 2x60-4R
5. EXIST. RRH (TO BE REPLACED) MODEL: NOKIA B13 RRH 4x30-700
6. EXIST. RRH (TO BE REMOVED) MODEL: NOKIA B25 RRH 4x30-1900
7. EXIST. 6 OVP (TO BE REPLACED) MODEL: RAYCAP RRFDC3315-PF-48 (V.I.F.)
8. NEW ANTENNA MOUNTED VIA NEW SIDE BY SIDE MOUNT BRACKETS (COMMSCOPE BSAMNT-SBS-2-2) MODEL: COMMSCOPE NHH-33B-R2B
9. NEW ANTENNA MOUNTED VIA NEW SIDE BY SIDE MOUNT BRACKETS (COMMSCOPE BSAMNT-SBS-2-2) MODEL: COMMSCOPE NHH-65B-R2B
10. NEW ANTENNA MOUNTED VIA NEW SIDE BY SIDE MOUNT BRACKETS (COMMSCOPE BSAMNT-SBS-2-2) MODEL: COMMSCOPE NHH-45B-R2B
11. NEW ANTENNA: MODEL: SAMSUNG MT6407-77A
12. NEW DUAL BAND RRH MODEL: SAMSUNG B13/B5 RRH-BR04C (RFV01U-D2A)
13. NEW DUAL BAND RRH MODEL: SAMSUNG B66/B2A RRH-BR049 (RFV01U-D1A)
14. NEW 12OVP MODEL: RAYCAP RVZDC-6627-PF-48

Cellco Partnership d/b/a
verizon
20 ALEXANDER DRIVE
WALLINGFORD, CT 06492

ALL-POINTS TECHNOLOGY CORPORATION
567 VAUXHALL STREET EXTENSION - SUITE 311
WATERFORD, CT 06385 PHONE: (860)-663-1697
WWW.ALLPOINTSTECH.COM FAX: (860)-663-0935

CONSTRUCTION DOCUMENTS

NO	DATE	REVISION
0	12/15/20	FOR REVIEW: JRM
1	02/18/21	PER VZW COMMENTS: JRM
2	02/23/21	PER VZW COMMENTS: JRM
3	05/07/21	PER VZW COMMENTS: JRM
4	06/08/21	FOR FILING: JRM
5		
6		

STATE OF CONNECTICUT · MICHAEL TRODDEN · 33313 · LICENSED PROFESSIONAL ENGINEER

DESIGN PROFESSIONALS OF RECORD

PROF: MICHAEL S. TRODDEN P.E.
COMP: ALL-POINTS TECHNOLOGY CORPORATION, P.C.
ADD: 567 VAUXHALL STREET EXT. SUITE 311 WATERFORD, CT 06385

OWNER: EPPOLITI INDUSTRIAL REALTY, INC.
ADDRESS: 37 DANBURY ROAD, SUITE 203 RIDGEFIELD, CT 06877

BETHEL WEST 2 CT

SITE ADDRESS: 15 GREAT PASTURE ROAD DANBURY, CT 06810

APT FILING NUMBER: CT141_11670

DRAWN BY: CSH
DATE: 12/15/20 CHECKED BY: JRM

VZ PROJECT CODE: 20202198965
VZ LOCATION CODE: 467694
VZ FUZE ID: 16244654

SHEET TITLE:
COMPOUND PLAN, TOWER ELEVATION, EQUIP. CONFIGURATION PLANS & ELEVATIONS

SHEET NUMBER:
C-1

EQUIPMENT DATA

EQUIPMENT SPECIFICATIONS

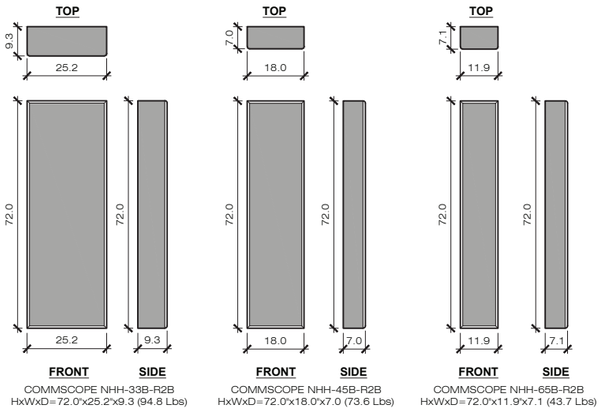
SECTOR	ANTENNA MAKE/MODEL	QTY	AZIMUTH	EQUIPMENT STATUS	HEIGHT (IN)	WIDTH (IN)	DEPTH (IN)	WEIGHT (LBS)
ALPHA	SAMSUNG MT6407-77A	1	335°	NEW	35.1(5)	16.1(5)	5.51(5)	87.1(2)(5)
	700/850/1900/2100: COMMSCOPE NHH-33B-R2B	1	5°	NEW	72.0	25.2	9.3	94.8(2)
	700/850/1900/2100: COMMSCOPE NHH-33B-R2B	1	5°	NEW	72.0	25.2	9.3	94.8(2)
BETA	700/850/1900/2100: COMMSCOPE NHH-65B-R2B	1	150°	NEW	72.0	11.9	7.1	43.7(2)
	700/850/1900/2100: COMMSCOPE NHH-65B-R2B	1	150°	NEW	72.0	11.9	7.1	43.7(2)
	SAMSUNG MT6407-77A	1	150°	NEW	35.1(5)	16.1(5)	5.51(5)	87.1(2)(5)
GAMMA	700/850/1900/2100: COMMSCOPE NHH-45B-R2B	1	250°	NEW	72.0	18.0	7.0	73.6(2)
	700/850/1900/2100: COMMSCOPE NHH-45B-R2B	1	250°	NEW	72.0	18.0	7.0	73.6(2)
	SAMSUNG MT6407-77A	1	250°	NEW	35.1(5)	16.1(5)	5.51(5)	87.1(2)(5)
DELTA	700/850/1900/2100: COMMSCOPE NHH-33B-R2B	1	315°	NEW	72.0	25.2	9.3	94.8(2)
	700/850/1900/2100: COMMSCOPE NHH-33B-R2B	1	315°	NEW	72.0	25.2	9.3	94.8(2)
	APPURTENANCE MAKE/MODEL							
	SAMSUNG B2/B66 PCS/AWS RRH	4	-	NEW	14.9	14.9	10.04	97.5
	SAMSUNG B5/B13 850/700 RRH	4	-	NEW	14.9	14.9	8.14	82.0
	RAYCAP RVZDC-6627-PF-48	1	-	NEW	29.5	16.5	12.6	32

(1) 'ETR' DENOTES EXIST. TO REMAIN
(2) WEIGHT WITHOUT MOUNTING BRACKET.
(3) ANTENNA DATA BASED ON RFDS DATED 10/26/20
(4) EQUIPMENT CONFIGURATION AS VIEWED FROM BEHIND.
(5) NOT TO EXCEED

BILL OF MATERIALS

		QUANTITY	LENGTH	COMMENTS
1	700/850/1900/2100	4		(COMMSCOPE NHH-33B-R2B) MOUNTED TO PIPE MAST VIA NEW SBS MOUNT (COMMSCOPE BSAMNT-SBS-2-2)
2	700/850/1900/2100	2		(COMMSCOPE NHH-65B-R2B) MOUNTED TO PIPE MAST VIA NEW SBS MOUNT (COMMSCOPE BSAMNT-SBS-2-2)
3	700/850/1900/2100	2		(COMMSCOPE NHH-45B-R2B) MOUNTED TO PIPE MAST VIA NEW SBS MOUNT (COMMSCOPE BSAMNT-SBS-2-2)
4	SAMSUNG MT6407-77A	3		MOUNTED TO PIPE MAST
5	1/2" JUMPER CABLE	48	15 FT	ROUTE FROM AWS/PCS RRH & QUAD DIPLEXER TO ANTENNAS
6	ANTENNA LINK CABLES	6	15 FT	ROUTE FROM UPPER OVP TO ANTENNAS
7	ANTENNA POWER CABLES	3	15 FT	PROPIETARY POWER CABLE FROM EXIST. OVP TO ANTENNAS
8	AWS/PCS RRH	4		SAMSUNG B2/B66 RRH-BR049 (RFV01U-D1A)
9	700/850 RRH	4		SAMSUNG B5/B13 RRH-BR04C (RFV01U-D2A)
10	RRH CABLES	8	15M	PROPIETARY POWER & FIBER CABLES
11	UPPER 12OVP	1		(RVZDC-6627-PF-48)
12	HYBRID CABLE	1	170'± FT	12x24 LOW INDUCTANCE HYBRID CABLE

NOTES:
1. INFORMATION SHOWN HEREON IS FOR USE BY VERIZON EQUIPMENT OPERATIONS.
2. INFORMATION IS BASED ON RFDS DATED 10/26/20.
3. * DENOTES EQUIPMENT DESIGNATED "FOR LEASING ONLY" (WHERE APPLICABLE)
4. INSTALL ALARM BOARDS AT ALL OVPs WHERE REQUIRED. COORDINATE w/ VERIZON EQUIPMENT ENGINEERING.
5. INSTALL UP-CONVERTER(S) LOCATED AT BASE OVPs WHERE REQUIRED. COORDINATE w/ VERIZON EQUIPMENT ENGINEERING AS NECESSARY.
6. COORDINATE ANTENNA CABLING REQUIREMENTS WITH VERIZON ENGINEERING.

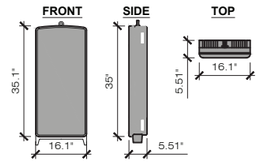


COMMSCOPE NHH-33B-R2B
HxWxD=72.0"x25.2"x9.3 (94.8 Lbs)

COMMSCOPE NHH-45B-R2B
HxWxD=72.0"x18.0"x7.0 (73.6 Lbs)

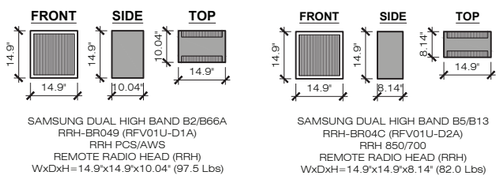
COMMSCOPE NHH-65B-R2B
HxWxD=72.0"x11.9"x7.1 (43.7 Lbs)

2 B-1 NEW ANTENNA DETAIL
SCALE : ½" = 1'-0"



SAMSUNG MT6407-77A ANTENNA
HxWxD=35.1"x16.1"x5.51"
WT=87.1 Lbs
(NOT TO EXCEED)

3 B-1 NEW ANTENNA DETAIL
SCALE : ½" = 1'-0"

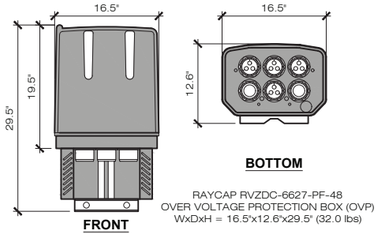


SAMSUNG DUAL HIGH BAND B2/B66A
RRH-BR049 (RFV01U-D1A)
RRH PCS/AWS
REMOTE RADIO HEAD (RRH)
WxDxH=14.9"x14.9"x10.04" (97.5 Lbs)

SAMSUNG DUAL HIGH BAND B5/B13
RRH-BR04C (RFV01U-D2A)
RRH 850/700
REMOTE RADIO HEAD (RRH)
WxDxH=14.9"x14.9"x8.14" (82.0 Lbs)

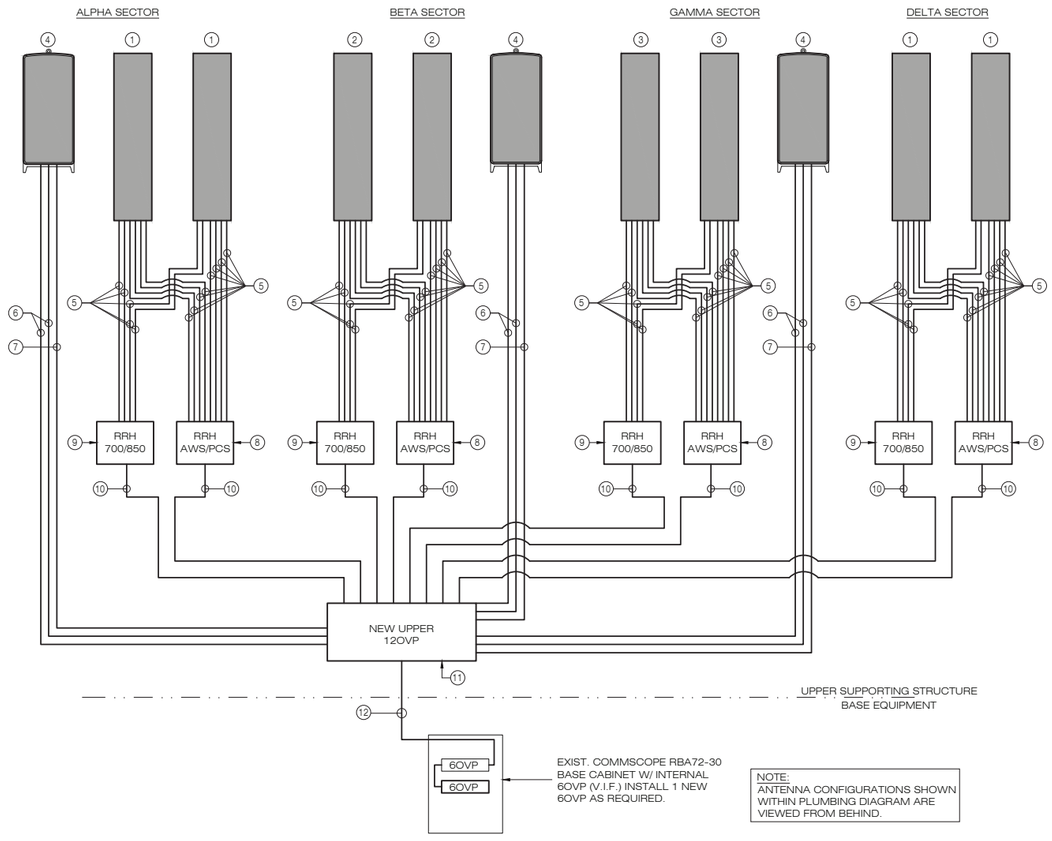
NOTE: WEIGHTS INCLUDE SOLAR SHEILD & MOUNTING BRACKET

4 B-1 RRH EQUIPMENT DETAILS
SCALE : ½" = 1'-0"



RAYCAP RVZDC-6627-PF-48
OVER VOLTAGE PROTECTION BOX (OVP)
WxDxH = 16.5"x12.6"x29.5" (32.0 lbs)

5 B-1 OVER VOLTAGE PROTECTION BOX (OVP)
SCALE : 1" = 1'-0"



1 B-1 PLUMBING DIAGRAM
SCALE : ½" = 1'-0"

Cellco Partnership d/b/a
verizon
20 ALEXANDER DRIVE
WALLINGFORD, CT 06492

ALL-POINTS TECHNOLOGY CORPORATION
567 VAUXHALL STREET EXTENSION - SUITE 311
WATERFORD, CT 06385 PHONE: (860)-663-1697
WWW.ALLPOINTSTECH.COM FAX: (860)-663-0935

CONSTRUCTION DOCUMENTS

NO	DATE	REVISION
0	12/15/20	FOR REVIEW: JRM
1	02/18/21	PER VZW COMMENTS: JRM
2	02/23/21	PER VZW COMMENTS: JRM
3	05/07/21	PER VZW COMMENTS: JRM
4	06/08/21	FOR FILING: JRM
5		
6		

STATE OF CONNECTICUT
MICHAEL TRODDEN
33313
LICENSED
PROFESSIONAL ENGINEER

DESIGN PROFESSIONALS OF RECORD

PROF: MICHAEL S. TRODDEN P.E.
COMP: ALL-POINTS TECHNOLOGY CORPORATION, P.C.
ADD: 567 VAUXHALL STREET EXT. SUITE 311 WATERFORD, CT 06385

OWNER: EPPOLITI INDUSTRIAL REALTY, INC.
ADDRESS: 37 DANBURY ROAD, SUITE 203 RIDGEFIELD, CT 06877

BETHEL WEST 2 CT

SITE ADDRESS: 15 GREAT PASTURE ROAD DANBURY, CT 06810

APT FILING NUMBER: CT141_11670

DRAWN BY: CSH
DATE: 12/15/20 CHECKED BY: JRM

VZ PROJECT CODE: 20202198965
VZ LOCATION CODE: 467694
VZ FUZE ID: 16244654

SHEET TITLE:
RF BILL OF MATERIALS, MECHANICAL SPECIFICATIONS & EQUIPMENT DETAILS

SHEET NUMBER:
B-1

DESIGN BASIS:

GOVERNING CODES/DESIGN STANDARDS:

2015 INTERNATIONAL BUILDING CODE (IBC) AS AMENDED BY THE 2018 CONNECTICUT STATE BUILDING CODE
ASCE 7-10
TIA-222-G

DESIGN CRITERIA:

STRUCTURE CLASS :	II	(TIA-222-G, TABLE 2-1 & ANNEX A.)
RISK CATEGORY:	II	(IBC 2015 TABLE 1604.5)

WIND LOADS:

ULTIMATE BASIC WIND SPEED, V_{ULT}: (3-SECOND GUST)	120 MPH	(2018 CSBC APPENDIX N)
NOMINAL BASIC WIND SPEED, V_{3S}: (3-SECOND GUST)	93 MPH	(2018 CSBC APPENDIX N)
EXPOSURE CATEGORY	B	(2015 IBC SEC. 1609.4.3)
WIND IMPORTANCE FACTOR, I_W:	1.0	(TIA-222G, TABLE 2-3)

ICE LOADS:

ICE THICKNESS, T_i:	0.75 IN	(TIA-222G, ANNEX B)
ICE THICKNESS IMPORTANCE FACTOR, I_i:	1.0	(TIA-222G, TABLE 2-3)
NOMINAL BASIC WIND SPEED W/ ICE, VI (3-SECOND GUST)	50 MPH	(TIA-222G, ANNEX B)
WIND LOAD W/ICE IMPORTANCE FACTOR, I_{WI}:	1.0	(TIA-222G, TABLE 2-3)

SEISMIC LOAD:

REFER TO SECTION 1613 OF THE 2015 IBC/2018 CONNECTICUT STATE BUILDING CODE FOR SEISMIC CLASSIFICATION AND LOADING DETERMINATION.

01 GENERAL:

ABBREVIATIONS USED IN THESE SPECIFICATIONS INCLUDE THE FOLLOWING:

ACI	AMERICAN CONCRETE INSTITUTE
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE
AWS	AMERICAN WELDING SOCIETY
AISC	AMERICAN INSTITUTE OF STEEL CONSTRUCTION
ASCE	AMERICAN SOCIETY OF CIVIL ENGINEERS
ASTM	AMERICAN STANDARDS AND TESTING METHODS
CRSI	CONCRETE REINFORCING STEEL INSTITUTE
ICC-ES	INTERNATIONAL CODE COUNCIL EVALUATION SERVICE
TIA	TELECOMMUNICATIONS INDUSTRY ASSOCIATION
UL	UNDERWIRTERS LABORATORIES
NEC	NATIONAL ELECTRICAL CODE
NFPA	NATIONAL FIRE PROTECTION ASSOCIATION
OSHA	OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION

EVERY INDIVIDUAL TRADE, DISCIPLINE, AND CONTRACTOR SHALL INCLUDE THESE GENERAL SPECIFICATIONS.

THE ENGINEER IS NOT RESPONSIBLE FOR NOR A GUARANTOR OF THE INSTALLING CONTRACTORS WORK, ADEQUACY OF ANY SITE COMPONENT, SUPERVISION OF ANY WORK, AND SAFETY IN, ON, OR ABOUT THE WORK SITE.

ANY REFERENCE HEREIN TO AN OR EQUAL ITEM, THAT EQUAL ITEM SHALL BE PRE-APPROVED BY THE CONSTRUCTION MANAGER BEFORE INSTALLATION

ALL TRADES SHALL COORDINATE THEIR WORK WITH ALL OTHER TRADES AND OTHER WORK AND CONDITIONS AS APNEWRIATE OR REQUIRED TO AVOID CONFLICTS. RESOLVE AND COORDINATE ALL CONFLICTS WITH ALL AFFECTED WORK AND SITE OPERATIONS. COORDINATION WITH THE SITE SHALL BE WITH THE OWNER, OR OWNER'S SPECIFIED REPRESENTATIVE, FOR EVERYTHING RELATED TO THE INSTALLATION OF THIS PROJECT.

ALL WORK SHALL BE IN STRICT ACCORDANCE WITH ALL APPLICABLE EDITIONS OF ALL APPLICABLE CODES AND SHALL BE ACCEPTABLE TO ALL AUTHORITIES HAVING JURISDICTION (AHJ). WHERE A CONFLICT EXISTS BETWEEN CODES, PLANS, SPECIFICATIONS, AND/OR AHJ, THE MORE STRINGENT AUTHORITY SHALL APPLY. WHERE CONFLICT EXISTS BETWEEN PLANS AND SPECIFICATIONS, PLAN SHALL APPLY. WHERE CONFLICT EXISTS BETWEEN PLAN SHEETS, CONSTRUCTION MANAGER SHALL BE CONSULTED PRIOR TO COMMENCING ANY WORK.

CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIALS, INSURANCE, EQUIPMENT, INSTALLATION, CONSTRUCTION TOOLS, TRANSPORTATION, ETC., FOR A COMPLETE AND NEWERLY OPERATIVE AND USABLE SYSTEM THROUGHOUT AND AS INDICATED ON THE DRAWINGS AND AS SPECIFIED HEREIN AND/OR OTHERWISE REQUIRED.

CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS, INSTALLATIONS, AND EQUIPMENT IN THE FIELD PRIOR TO BID, FABRICATION, AND INSTALLATION OF ANY WORK.

CONTRACTORS SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO FABRICATION AND ERECTION OF ANY MATERIAL. THE ENGINEER SHALL BE NOTIFIED FOR INSPECTIONS PRIOR TO CLOSING PENETRATIONS AND OF ANY CONDITIONS WHICH PRECLUDE COMPLETION OF THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.

CONTRACTOR SHALL VISIT THE SITE TO MANAGE AND GAIN APPROVAL FOR ALL TENANT DISRUPTIONS, POWER OUTAGES, WORK SCHEDULES, DEFINITION OF WORK AREA AND WORK STORAGE, NEWER BUILDING/SITE ACCESS, NOISE AND CLEANLINESS REQUIREMENTS WITH THE BUILDING/SITE MANAGEMENT PRIOR TO ALL WORK. ANY DISRUPTIONS SHALL BE KEPT TO A MINIMUM AND SHALL BE IMPLEMENTED ONLY UPON WRITTEN APPROVAL OF THE OWNER.

THE CONTRACTOR SHALL SAFEGUARD AGAINST CREATING ANY HAZARD AFFECTING TENANT EGRESS OR COMPROMISING SITE SECURITY MEASURES.

PRIOR TO ALL BELOW-GRADE WORK AND ANY SURFACE WORK IN A NEW AREA FOR STRUCTURES OR VEHICLES, CONTRACTOR SHALL ENGAGE A MARKOUT SERVICE TO IDENTIFY ANY UNDERGROUND STRUCTURES, CONDUITS, AND PIPELINES IN THE AREA. ALL EXISTING SEWER, WATER, GAS, ELECTRIC, FIBER OPTIC, AND OTHER UNDERGROUND UTILITIES IDENTIFIED OR ENCOUNTERED, SHALL BE PROTECTED AT ALL TIMES. EXTREME CAUTION SHOULD BE USED BY THE CONTRACTOR WHEN DIGGING OR EXCAVATING IN ANY MANNER AROUND OR NEAR SUCH UTILITIES. CONTRACTOR IS RESPONSIBLE FOR REPAIRS, REPLACEMENT, AND ALL DAMAGES DUE TO DAMAGE OF UTILITIES BY HIS OPERATIONS.

ALL EXISTING AND NEW EQUIPMENT AND MATERIAL LOCATIONS, ROUTING, ORIENTATION, MOUNTING, SPECIFICATIONS AND GENERAL INSTALLED CHARACTERISTICS SHALL BE CONSIDERED DIAGRAMMATIC ON THE PLANS. EXACT CONDITIONS SHALL BE DETERMINED IN THE FIELD PRIOR TO ANY INSTALLATION. ANY DIFFERENCES THAT MAY CAUSE SCHEDULE, COST, OR QUALITY SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER OR ENGINEER PRIOR TO ANY WORK.

ALL REFERENCES HEREIN TO VERIFICATION OF ANY CONDITION OF SITE, FIELD, PLANS, OR SPECIFICATIONS PRIOR TO ANY WORK SHALL BE THE FULL RESPONSIBILITY OF THE CONTRACTOR. ANY AND ALL ADDITIONS, MODIFICATIONS, CHANGES, REPAIR, OR DEMOLITION AS A RESULT OF FAILURE TO BRING ANY EXISTING CONDITION NEWERLY TO THE ATTENTION OF THE OWNER OR ENGINEER SHALL BE THE FULL RESPONSIBILITY OF THE CONTRACTOR WITHOUT DELAY, COST, OR CHANGES IN QUALITY.

ALL NOTES THIS SHEET SHALL APPLY UNLESS SPECIFICALLY NOTED OTHERWISE ON THE INCLUDED DRAWINGS OR IN SEPARATE PROJECT SPECIFICATIONS AS APPLICABLE. ALL SPECIFICATIONS SHALL BE CONSIDERED REQUIRED UNLESS APPROVED EQUAL BY THE OWNER, CONSTRUCTION MANAGER, OR ENGINEER AS APPLICABLE.

THE WORDS "PROVIDE" OR "INSTALL" SHALL MEAN FURNISH AND INSTALL.

CONTRACTOR SHALL PROVIDE ALL CUTTING AND PATCHING AS REQUIRED FOR THE INSTALLATION OF HIS WORK. ANY PATCHING SHALL MATCH EXISTING SURROUNDING AREA IN ALL RESPECTS. ALL REMOVED MATERIAL SHALL BE REMOVED FROM THE PREMISES DAILY IN AN APPROVED SAFE MANNER.

ALL SURPLUS MATERIAL SHALL BE REMOVED FROM THE SITE PROMPTLY WHEN DEEMED TO BE SURPLUS.

EVERY CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF HIS WORK AND NEWLY INSTALLED OR EXISTING WORK, INCLUDING PROTECTION OF THE SITE, ALL STRUCTURES, AND ALL OCCUPANTS. FURNISH, INSTALL, MAINTAIN, AND REMOVE AS APNEWRIATE, ALL APNEWRIATE BARRIERS, SAFETY GUARDS, SIGNAGE, AND SECURITY AS REQUIRED.

EVERY CONTRACTOR SHALL BE RESPONSIBLE FOR THEIR RESPECTIVE FEES, PERMITS, INSPECTIONS, TESTING, CERTIFICATES, AND ALL MANAGEMENT OF SAME REQUIRED FOR COMPLETION OF AND LEGAL OCCUPANCY OF THE FINISHED PROJECT.

ALL CONTRACTORS SHALL PROVIDE ALL NECESSARY TOOLS, FIXTURES, SERVICES, MATERIALS, JOB AIDS, AND PERSONNEL REQUIRED FOR THE EXECUTION OF THEIR WORK.

EACH CONTRACTOR SHALL GUARANTEE ALL MATERIALS AND WORKMANSHIP BY THEM TO BE FREE OF DEFECTS AND MAINTAINED FOR A PERIOD OF ONE YEAR AFTER ACCEPTANCE OF THE INSTALLATION BY THE OWNER AND ENGINEER.

ALL WORK SHALL BE PERFORMED BY LICENSED CONTRACTORS IN THE TRADE HAVING JURISDICTION.

ANY DEVIATION, MODIFICATION, ADDITION, OR CHANGE IN DESIGN SHALL NOT BE MADE WITHOUT WRITTEN APPROVAL OF THE OWNER OR ENGINEER.

ALL CONTRACTORS SHALL SUBMIT SHOP DRAWINGS OF ALL EQUIPMENT AND MATERIALS TO THE ENGINEER FOR APPROVAL PRIOR TO FABRICATION AND INSTALLATION, AND SHALL NOT PROCEED UNTIL ENGINEER APPROVAL IN WRITING IS RETURNED. EACH CONTRACTOR SHALL MAINTAIN ON JOB SITE A COMPLETE SET OF SHOP DRAWINGS WITH ANY DEVIATIONS FROM THE ORIGINAL DESIGN SHALL BE NOTED.

ALL MATERIALS AND EQUIPMENT SHALL BE NEW, WITHOUT BLEMISH OR DEFECT, AND SUITABLE AND LISTED FOR THE INSTALLATION AND SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS OR SPECIFICATIONS. ALL ITEMS OF EQUIPMENT OR MATERIAL THAT ARE OF ONE GENERIC TYPE SHALL BE ONE MANUFACTURER THROUGHOUT.

ALL MATERIALS, EQUIPMENT, TOOLS, AND ITEMS UNDER THE CONTRACTOR'S RESPONSIBILITY ON THE JOBSITE SHALL BE ADEQUATELY SECURED, MAINTAINED, AND PROTECTED, SO AS NOT TO BECOME DAMAGED OR CREATE ANY HAZARD TO PERSONNEL OR NEWERTY.

THE CONTRACTORS HOURS OF WORK SHALL BE IN ACCORDANCE WITH LOCAL CODES AND ORDINANCES AND BE APPROVED BY THE OWNER.

CONTRACTOR SHALL PROVIDE SAFETY TRAINING FOR ALL OF HIS CREW AND INSURE THAT EVERY CREW MEMBER FOLLOWS SAVE WORK PRACTICES. SAFETY TRAINING SHALL INCLUDE, BUT NOT BE LIMITED TO, FALL PROTECTION, CONFINED SPACE ENTRY, ELECTRICAL SAFETY, AND TRENCHING/EXCAVATION SAFETY WHERE SUCH WORK IS EXECUTED OR ENCOUNTERED.

ALL TEMPORARY WORK REQUIRED OR SPECIFIED AS A PART OF THIS WORK, SHALL MEET ALL OF THE SAME REQUIREMENTS AS PERMANENT INSTALLATIONS, SHALL MEET ALL APPLICABLE CODE REQUIREMENTS, AND SHALL BE COMPLETELY REMOVED AFTER ITS PURPOSES HAVE BEEN SERVED.

ANY EXISTING UTILITY, SERVICE, STRUCTURE, EQUIPMENT, OR FIXTURE OBSTRUCTING THE WORK SHALL BE REMOVED AND/OR RELOCATED AS DIRECTED BY THE CONSTRUCTION MANAGER.

IF ASBESTOS IS ENCOUNTERED DURING WORK EXECUTION, CONTRACTOR SHALL IMMEDIATELY NOTIFY THE CONSTRUCTION MANAGER AND CEASE ALL ACTIVITIES IN AFFECTED AREAS UNTIL NOTIFIED BY THE CONSTRUCTION TO RESUME OPERATIONS.

EXIST. ELECTRICAL AND MECHANICAL FIXTURES, PIPING, WIRING AND EQUIPMENT OBSTRUCTING THE WORK SHALL BE REMOVED AND/OR RELOCATED AS DIRECTED BY THE CONSTRUCTION MANAGER. TEMPORARY SERVICE INTERRUPTIONS MUST BE COORDINATED WITH OWNER.

05 STEEL:

THESE SPECIFICATIONS SHALL INCLUDE THE GENERAL SPECIFICATIONS HEREIN.

MATERIALS:

WIDE FLANGE	ASTM A992, GR 50
TUBING	ASTM A500, GR B
PIPE	ASTM A53, GR B
BOLTS	ASTM A325
GRATING	TYPE GW-2 (1-1/4"x3/16" BARS)
EXISTING METALS	ASTM A36

PROVIDE CERTIFICATION THAT WELDERS TO BE USED IN WORK ARE LICENSED AND HAVE SATISFACTORILY PASSED AWS QUALIFICATION TEST UNDER THE PROVISIONS OF APPENDIX D, PARTS II AND III OF THE AWS CODE FOR WELDING IN BUILDING CONSTRUCTION.

ALL BUILDING CONNECTION POINTS TO BE CENTERED ON EXISTING STRUCTURAL BEARING POINTS AND THE LOCATIONS ARE TO BE VERIFIED IN FIELD PRIOR TO THE FABRICATION OF STEEL.

DESIGN AND CONSTRUCTION OF STRUCTURAL STEEL SHALL CONFORM TO THE LATEST EDITION OF AISC SPECIFICATION FOR *"THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS"*.

NON-STRUCTURAL CONNECTIONS FOR STEEL GRATING MAY USE 5/8" DIAMETER GALVANIZED ASTM A 307 BOLTS UNLESS OTHERWISE NOTED.

ALL STEEL MATERIAL SHALL BE GALVANIZED AFTER FABRICATION IN ACCORDANCE WITH ASTM A123 "ZINC (HOT-DIPPED GALVANIZED) COATINGS" ON IRON AND STEEL PRODUCTS WITH A COATING WEIGHT OF 2 OZ/SF.

ALL BOLTS, ANCHORS AND MISCELLANEOUS HARDWARE EXPOSED TO WEATHER SHALL BE GALVANIZED IN ACCORDANCE WITH ASTM A153 "ZINC COATING (HOT-DIP) ON IRON AND STEEL HARDWARE."

DAMAGED GALVANIZED SURFACES SHALL BE REPAIRED BY TOUCHING UP ALL DAMAGED GALVANIZED STEEL WITH COLD ZINC, "GALVANOX", "DRY GALV", OR "ZINC IT", IN ACCORDANCE WITH MANUFACTURERS GUIDELINES. TOUCH UP DAMAGED NON-GALVANIZED STEEL WITH SAME PAINT APPLIED IN SHOP OR FIELD.

THE ENGINEER SHALL BE NOTIFIED OF ANY INCORRECTLY FABRICATED, DAMAGED OR OTHERWISE MISFITTING OR NONCONFORMING MATERIALS OR CONDITIONS TO REMEDIAL OR CORRECTIVE ACTION. ANY SUCH ACTION SHALL REQUIRE ENGINEER REVIEW. FIELD CUTTING OF STRUCTURAL STEEL IS NOT PERMITTED EXCEPT WITH THE PRIOR APPROVAL OF THE ENGINEER.

CONTRACTOR TO REMOVE AND RE-INSTALL ALL FIRE PROOFING AS REQUIRED DURING CONSTRUCTION.

THE STEEL STRUCTURE SHALL BE DESIGNED TO BE SELF-SUPPORTING AND STABLE AFTER COMPLETION. IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO DETERMINE ERECTION PROCEDURE AND SEQUENCE AND TO INSURE THE SAFETY OF THE BUILDING AND ITS COMPONENT PARTS DURING ERECTION.

ALL STEEL ELEMENTS SHALL BE INSTALLED PLUMB AND LEVEL.

TOWER MANUFACTURER'S DESIGNS SHALL PREVAIL FOR TOWER.

CONNECTIONS SHALL BE DESIGNED BY THE FABRICATOR AND CONSTRUCTED IN ACCORDANCE WITH THE LATEST EDITION OF THE AISC *"MANUAL OF STEEL CONSTRUCTION"*. CONNECTIONS SHALL BE PROVIDED TO CONFORM TO THE REQUIREMENTS OF TYPE 2 CONSTRUCTION.

STRUCTURAL CONNECTION BOLTS SHALL CONFORM TO ASTM A325. ALL BOLTS SHALL BE MINIMUM 3/4" DIAMETER AND EACH CONNECTION SHALL HAVE MINIMUM TWO BOLTS. LOCK WASHERS ARE NOT PERMITTED FOR A325 STEEL ASSEMBLIES. IF TENSION CONTROL BOLTS ARE USED, CONNECTIONS SHALL BE DESIGNED FOR SLIP CRITICAL BOLT ALLOWABLE LOAD VALUES.

DESIGN CONNECTIONS AT BEAM ENDS FOR 10 KIPS (MIN).

ALL U-BOLTED CONNECTIONS SHALL BE COMPLETED WITH DOUBLE NUTS OR A LOCK WASHER.

CONTRACTOR SHALL COMPLY WITH AWS CODE FOR PROCEDURES, APPEARANCE AND QUALITY OF WELDS, AND WELDING PROCESSES SHALL BE QUALIFIED IN ACCORDANCE WITH AWS *"STANDARD QUALIFICATION PROCEDURES"*. ALL WELDING SHALL BE PERFORMED USING E70XX ELECTRODES AND SHALL CONFORM TO AISC AND D1.1. WHERE FILLET WELD SIZES ARE NOT SHOWN, PROVIDE THE LARGER OF 1/4" FILLET OR MINIMUM SIZE PER TABLE J2.4 IN THE AISC *"MANUAL OF STEEL CONSTRUCTION"*. AT THE COMPLETION OF WELDING, ALL DAMAGE TO GALVANIZED COATING SHALL BE REPAIRED. SEE NOTE REGARDING DAMAGED GALVANIZED SURFACES.

ALL ARC AND GAS WELDING SHALL BE DONE BY A LICENSED AND CERTIFIED WELDER IN ACCORDANCE WITH AWS.

SEAL ALL PENETRATIONS AND SEAMS BETWEEN MASONRY AND STEEL WITH DOW CORNING 790 SILICONE BUILDING SEALANT OR EQUAL.

26 ELECTRICAL:

THESE SPECIFICATIONS SHALL INCLUDE THE GENERAL SPECIFICATIONS HEREIN.

ALL ELECTRICAL CONDUCTORS:

- INSULATION SHALL BE MINIMUM 600V TYPE THHN, THWN-2, OR XHHW.
- BRANCH CIRCUIT CONDUCTORS SHALL BE SOFT DRAWN 98% MINIMUM CONDUCTIVITY NEWERLY REFINED COPPER.
- FEEDER CIRCUIT CONDUCTORS SHALL BE EITHER COPPER OR ALUMINUM OF THE APNEWRIATE SIZE FOR THE APPLICATION, OR AS SPECIFICALLY NOTED.
- PERMANENTLY LABEL OR TAG ALL CONDUCTORS WITH THEIR CIRCUIT DESIGNATION AT ALL TERMINATION ENDS, SPLICES, AND VISIBLE AS PASS-THROUGH IN ALL ENCLOSURES.

ALL CONDUIT, RACEWAY, WIREWAYS, DUCTS, ETC. SHALL BE LISTED AND SUITABLE FOR THE APPLICATION. ONLY THE FOLLOWING CONDUITS AS APPROVED AND LISTED FOR THE APPLICATION SHALL BE ACCEPTABLE:

- ELECTRICAL METALLIC TUBING (EMT).
- COMPRESSION COUPLINGS AND CONNECTORS ONLY MADE UP WRENCH TIGHT.
- FLEXIBLE METAL CONDUIT (FMC) AND LIQUIDTIGHT FLEXIBLE METAL CONDUIT (LFMC).
- FINAL CONNECTIONS TO VIBRATING OR ADJUSTABLE EQUIPMENT INCLUDING, BUT NOT LIMITED TO, LIGHT FIXTURES, HVAC UNITS, TRANSFORMERS, MOTORS, ETC. OR WHERE EQUIPMENT IS PLACED UPON SLAB ON-GRADE.
- RIGID GALVANIZED STEEL (RGS).
- ALL FITTINGS, CONNECTORS, AND COUPLINGS SHALL BE THREADED MADE UP WRENCH TIGHT.
- RIGID POLYVINYL CHLORIDE (PVC) SCHEDULE 40 OR SCHEDULE 80.
- MAY BE USED FOR SERVICES, EXTERIOR, BELOW GRADE, AND WET LOCATIONS.
- SHALL NOT BE USED IN CONCRETE SLABS NOR EXPOSED WITHIN A BUILDING OR STRUCTURE.
- METAL-CLAD CABLE (MC)
- CONCEALED INSTALLATIONS ONLY.
- WITHIN A DUCT WITH SMOOTH OR CORRUGATED METAL JACKET AND NO OUTER COVERING OVER THE METAL JACKET.

IN FINISHED SPACES, ALL CONDUITS SHALL BE CONCEALED EXCEPT TO MAKE A FINAL CONNECTION TO EQUIPMENT NOT MOUNTED IN OR AGAINST FINISH MATERIAL.

ALL FEEDER AND BRANCH CIRCUITS SHALL HAVE A SEPARATE NEWERLY SIZED AND MARKED GROUNDING CONDUCTOR, PER APPLICABLE CODES, THAT BONDS ALL ENCLOSURES, BOXES, ETC. CONDUIT SHALL NOT BE USED AS A GROUNDING OR BONDING CONDUCTOR.

IF EXISTING ELECTRIC SERVICE IS TO REMAIN, CONTRACTOR SHALL BE VERIFY THAT IT MEETS PROJECT REQUIREMENTS WITHOUT MODIFICATION. IF IT IS TO BE ADDED OR REPLACED AS A PART OF THIS WORK, CONTRACTOR SHALL ORDER FROM, COORDINATE WITH, AND GAIN APPROVAL FROM THE ELECTRICAL UTILITY. ALL ELECTRICAL EQUIPMENT SHALL BE AS SPECIFIED AND AS APPROVED BY THE LOCAL UTILITY WHERE APPLICABLE.

ALL EQUIPMENT, ENCLOSURES, ETC. SHALL BE SUITABLE FOR THE INSTALLED ENVIRONMENT, MINIMUM NEMA 3R FOR ALL EXTERIOR INSTALLATIONS.

WIRING DEVICES SHALL BE SPECIFICATION GRADE AND WIRING DEVICE COVER PLATES SHALL BE PLASTIC WITH ENGRAVING AS SPECIFIED. COLOR SHALL BE IVORY. ALL DEVICES AND COVER PLATES SHALL BE OF THE SAME MANUFACTURER.

ALL FIRE-RATED PENETRATIONS SHALL BE SEALED USING A SUITABLE AND LISTED FIRE SEALING DEVICE OR GROUT THAT WILL MAINTAIN THE FIRE RATING OF THE STRUCTURE PENETRATED.

PROVIDE PERMANENTLY AFFIXED ENGRAVED NAMEPLATES FOR ALL CODE REQUIRED LABELING AND ON ALL PANELS, METERING, DISCONNECTS, AND ELECTRICAL EQUIPMENT THAT IDENTIFIES EQUIPMENT SERVED, ELECTRICAL SOURCE WITH CIRCUIT IDENTIFICATION, AND VOLTAGES WITHIN.

ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR ALL FINAL TERMINATIONS TO ALL EQUIPMENT.

ALL ELECTRICAL APPURTENANCES THAT ARE DISCONNECTED SHALL BE COMPLETELY REMOVED WITH EXISTING STRUCTURES TO REMAIN, REPAIRED, FINISHED, FILLED, PAINTED, ETC. ALL PANEL SCHEDULES, EQUIPMENT LABELING, AND CODE-REQUIRED LABELING, SHALL BE VERIFIED AND NEWERLY COMPLETED TO MATCH THE INSTALLATION.

26 GROUNDING:

THESE SPECIFICATIONS SHALL INCLUDE THE GENERAL SPECIFICATIONS HEREIN.

GROUND ALL SYSTEMS AND EQUIPMENT IN ACCORDANCE WITH BEST INDUSTRY PRACTICE, THE REQUIREMENTS OF THE NFPA 70 NATIONAL ELECTRICAL CODE (NEC), AND ALL OTHER APPLICABLE CODES AND REGULATIONS.

ALL GROUNDING ELECTRODES PRESENT AT EACH SERVICE LOCATION SHALL BE BONDED TOGETHER TO FORM THE GROUNDING ELECTRODE SYSTEM.

ALL EQUIPMENT ENCLOSURES, DEVICES, AND CONDUITS SHALL BE GROUNDED BY THE INSTALLATION OF A SEPARATE GROUNDING CONDUCTOR FOR ALL FEEDER AND BRANCH CIRCUITS THAT IS SIZED PER CODE OR IS OF THE SIZE INDICATED ON THE DRAWINGS, SHALL BE CONTINUOUS IN LENGTH, AND SHALL BE BONDED TO EACH ENCLOSURE PASSED THROUGH. CONDUIT SHALL NOT BE USED AS A GROUNDING OR BONDING WIRE OR CIRCUIT.

BOND ALL METALLIC CONDUITS TOGETHER THAT ARE CONNECTED TO NON-METALLIC ENCLOSURES, IN-GROUND BOXES, AND TO AN ENCLOSURE WHERE A GROUND BUS IS SPECIFIED OR SUPPLIED. ACCOMPLISH THIS BOND WITH GROUNDING CONDUCTORS MINIMUM SIZED TO THE LARGEST GROUNDING CONDUCTOR PRESENT IN THE ENCLOSURE CONNECTED TO A GROUNDING TYPE BUSHING EQUALLY SIZED OR MAXIMUM GROUND WIRE ACCOMMODATION AVAILABLE IN STANDARD MANUFACTURE FOR THE CONDUIT SIZE, WHICHEVER IS LESS.

EQUIPMENT GROUNDING AND LOAD SIDE BONDING CONDUCTORS SHALL BE SIZED PER THE CIRCUIT'S OVER-CURRENT PROTECTIVE DEVICE (OCPD) SIZE. WHERE THE UNGROUNDED CONDUCTORS ARE INCREASED IN SIZE ABOVE THE STANDARD FOR THE CIRCUIT'S OCPD, INCREASE THE GROUNDING CONDUCTOR NEWORTIONATELY TO THE CROSS-SECTIONAL AREA OF THE UNGROUNDED CONDUCTORS.

SERVICE MAIN BONDING JUMPERS AND GROUNDING ELECTRODE CONDUCTORS SHALL BE SIZED AND INSTALLED PER THE MINIMUM OF ALL APPLICABLE CODES AND REGULATIONS.

26 LIGHTNING PROTECTION:

THESE SPECIFICATIONS SHALL INCLUDE THE GENERAL SPECIFICATIONS AND THE GROUNDING SPECIFICATIONS HEREIN.

THE LIGHTNING PROTECTION GROUNDING SYSTEM (LPGS) SHALL CONSIST OF BONDING ALL EQUIPMENT AND CONDUCTIVE STRUCTURES TO LOCALIZED SINGLE-POINT GROUNDING CONNECTIONS (TYPICALLY GROUND BARS) WHICH ARE BONDED TOGETHER AND TO AN IN-GROUND SYSTEM. IF THE LPGS IS ON A BUILDING, IT SHALL BE EFFECTIVELY BONDED TO THE ELECTRICAL SERVICE MAIN BONDING JUMPER AND TO ADDITIONAL IN-GROUND ELECTRODES AS MAY BE REQUIRED OR INDICATED. IF THE LPGS IS ON A DEDICATED COMMUNICATION SITE, ALL EQUIPMENT AREAS AND TOWERS SHALL EACH HAVE THEIR OWN IN-GROUND RING WITH EVERY RING BONDED TOGETHER, AND ALL CONDUCTIVE STRUCTURES IN CLOSE PROXIMITY (FENCES, ICE BRIDGES, ISOLATED EQUIPMENT, ETC.) ALSO BONDED TO PROVIDE A COMMON ELECTRICAL EQUIPOTENTIAL SYSTEM FOR ALL CONDUCTIVE ELEMENTS AND STRUCTURES.

CONDUCTORS:

- MIN #2 AWG SOLID BARE TINNED COPPER (SBTC) FOR ALL IN-GROUND CONDUCTORS.
- MIN #2 AWG COPPER GREEN STRANDED FOR BONDING STRUCTURES, AND FOR INTER-SYSTEM BONDING OF INDIVIDUAL ELEMENTS SUCH AS GROUND BAR TO GROUND BAR.
- MIN #6 AWG COPPER GREEN STRANDED OR ALL EQUIPMENT BONDING.
- INSTALL ALL IN-GROUND CONDUCTORS IN THE SAME HORIZONTAL PLANE OR IN A DOWNWARD DIRECTION AWAY FROM THE TOWER AND EQUIPMENT AREAS.
- AVOID LONG RUNS. MAKE DIRECT RUNS AS MUCH AS POSSIBLE.
- PLACE THROUGH NON-METALLIC SLEEVES WHEN PASSING THROUGH FLOORS, WALLS, CEILINGS, AND SIMILAR STRUCTURES.
- MAKE ALL CONNECTIONS IN CONTACT WITH EARTH WITH EXOTHERMIC WELDING. MAKE ALL OTHER CONNECTIONS WITH EXOTHERMIC WELDING, IRREVERSIBLE COMPRESSION CONNECTORS, OR LISTED COMPRESSION TWO-HOLE LUGS.
- INSTALL ALL CONDUCTORS WITH A MINIMUM 18 INCH BEND RADIUS AND NO BEND LONGER THAN A 90 DEGREE ARC. ALL BENDS SHALL BE HORIZONTAL, OR DOWNWARD TOWARDS EARTH.
- ALL CONDUCTORS PASSING FROM ABOVE-GROUND TO IN-GROUND CONNECTIONS, WHERE EXPOSED, SHALL BE COVERED AND PROTECTED WITH A NON-METALLIC CONDUIT SEALED AT BOTH ENDS.
- IF 2 OR MORE IN-GROUND CONDUCTOS ARE IN THE SAME PATH (2 RINGS OVERLAPPING, BONDING FOLLOWING ANOTHER RING OR RADIAL, OR SIMILAR), COMBINE WITH A SHARED SINGLE CONDUCTOR.

EQUIPMENT AND TOWER GROUND RINGS SHALL BE:

- BONDED TO ANY CONDUCTIVE OBJECT OR STRUCTURE WITHIN 5 FEET OF EQUIPMENT GROUND RINGS AND WITHIN 20 FEET OF TOWER GROUND RINGS.
- INSTALLED MINIMUM 18 INCHES FROM FOUNDATIONS, FOOTINGS, AND SIMILAR.

INSTALL ALL IN-GROUND RINGS, RADIALS, BONDS CONNECTING THEM, AND ALL SIMILAR GROUNDING:

- MIN 30 INCHES BELOW GRADE, OR 6 INCHES BELOW THE FROST LINE, WHICHEVER IS GREATER DEPTH.
- MIN 2 FEET FROM FOUNDATIONS, FOOTINGS, OTHER GROUNDING SYSTEMS, AND SIMILAR STRUCTURES, EXCEPT WHEN MAKING A BOND TO ANY OF THESE STRUCTURES. DO NOT BOND TO FOUNDATION INTERNAL REINFORCEMENT.

ALL EQUIPMENT GROUPED IN A COMMON AREA, COMPOUND, STRUCTURE, OR SIMILAR SHALL BE BONDED TO A SINGLE-POINT GROUND, PREFERABLY AN ISOLATED GROUND BAR. BOND THE GROUND BAR TO THE SYSTEM WITH MINIMUM SINGLE BONDING CONDUCTOR. IF BONDING TO AN IN-GROUND RING, INSTALL 2 BONDING CONDUCTORS MINIMUM WITH EACH CONDUCTOR INSTALLED DIRECTIONALLY AWAY FROM EACH OTHER AND PARALLEL TO THE IN-GROUND CONDUCTOR, WITH NO TEE CONNECTIONS.

TOWER GROUNDING:

- EACH TOWER LEG SHALL BE BONDED TO ITS RING. SINGLE-LEGGED TOWERS, OR MONOPOLES, SHALL HAVE 2 BONDS ON OPPOSITE SIDES.
- BOND TO TOWER BASE, NOT TO VERTICAL TOWER STRUCTURE, AWAY FROM TOWER MOUNTING HARDWARE.
- EACH BOND SHALL HAVE A CORRESPONDING GROUND ROD ON THE RING.
- EACH BOND SHALL CONSIST OF 2 CONDUCTORS FROM THE TOWER TO ITS RING WITH EACH CONDUCTOR DIRECTED IN OPPOSITE DIRECTIONS WITH A PARALLEL CONNECTION ON THE RING ON OPPOSITE SIDES OF THE GROUND ROD.

EQUIPMENT AREA GROUNDING:

- COMMUNICATION AREAS ON EARTH SHALL HAVE A GROUND RING.
- BOND ALL EQUIPMENT TO A SINGLE-POINT GROUND (GROUND BAR).
- BOND THE EQIPMENT SINGLE-POINT GROUND TO THE EQUIPMENT GROUND RING WITH MINIMUM 2 CONDUCTORS DIRECTED IN OPPOSITE DIRECTIONS WITH PARALLEL CONNECTIONS ON THE RING.
- IF EQUIPMENT IS ENCLOSED IN A SHELTER:
- IF THE SHELTER IS CONSIDERED TO BE EXPOSED TO A DIRECT LIGHTNING STRIKE, INSTALL A BUILDING LIGHTNING PROTECTION SYSTEM PER APPLICABLE VERSION OF NFPA 780.
- BOND ALL FIXED CONDUCTIVE BUILDING COMPONENTS TOGETHER AND TO THE BUILDING RING GROUND AT THE CORNERS. THIS IS TYPICALLY CALLED THE HALO GROUND. DO NOT BOND EQUIPMENT TO THE HALO GROUND.
- BOND ALL EQUIPMENT TOGETHER TO A SINGLE-POINT OR INTERIOR EQUIPMENT RING GROUND (IEGR). BOND THE SINGLE-POINT OR IEGR TO THE EXTERNAL EQUIPMENT RING GROUND.
- PLACE GROUND RODS AT THE EQUIPMENT GROUND RING CORNERS.

GROUND RODS:

- SEPARATION SPACE BETWEEN ANY 2 GROUND RODS SHALL BE NO CLOSER THAN THEIR DEPTH. THIS APPLIES TO ALL RODS IN THE COMPLETE SYSTEM.
- DRIVE VERTICALLY IN UNDISTURBED SOIL WITH THE TOP AT SAME DEPTH AS THE IN-GROUND CONDUCTOR. IF NOT POSSIBLE TO INSTALL VERTICALLY, PLACE AS CLOSE TO VERTICAL AS POSSIBLE AND IN A DIRECTION AWAY FROM THE NEAREST ABOVE-GROUND CONDUCTIVE ELEMENT (TOWER, EQUIPMENT, ETC.).

RADIALS (TYP. NEW DEDICATED COMMUNICATION SITES):

- WHERE FEASIBLE WITH ENOUGH SPACE AVAILABLE, INSTALL A MINIMUM OF 4, MAXIMUM 10 RING RADIALS.
- EACH RADIAL'S LENGTH SHALL BE MIN 20 FT, MAX 80 FT.
- EXTEND RADIALS PERPENDICULAR FROM RINGS IN AS STRAIGHT LINE AS POSSIBLE, AWAY FROM OTHER RING GROUNDS, RADIALS, BONDS, AND SIMILAR.
- A COMMON PRACTICE IS TO PLACE 4 RADIALS FROM THE TOWER RING TO THE 4 CORNERS OF THE AVAILABLE AREA.

AT A MINIMUM, BOND ALL COMPOUND CONDUCTIVE FENCE CORNER POSTS AND GATE POSTS TO THE LPGS. PREFERABLY, INSTALL A GROUND RING THAT FOLLOWS THE FENCE LINE, BONDING ALL POSTS TO THE RING.

27 ANTENNAS & CABLES:

THESE SPECIFICATIONS SHALL INCLUDE THE GENERAL SPECIFICATIONS HEREIN.

THE CONTRACTOR SHALL FURNISH AND INSTALL ALL TRANSMISSION CABLES, JUMPERS, CONNECTORS, GROUNDING STRAPS, ANTENNAS, MOUNT AND HARDWARE. ALL MATERIALS SHALL BE INSPECTED BY THE CONTRACTOR FOR DAMAGE UPON DELIVERY. JUMPERS SHALL BE SUPPLIED AT ANTENNAS AND EQUIPMENT INSIDE SHELTER. COORDINATE LENGTH OF JUMPER CABLES WITH OWNER. COORDINATE AND VERIFY ALL OF THE MATERIALS TO BE PROVIDED WITH OWNER PRIOR TO SUBMITTING BID AND ORDERING MATERIALS.

AFTER INSTALLATION, THE TRANSMISSION LINE SYSTEM SHALL BE PIM / SWEEP TESTED FOR NEWER INSTALLATION AND DAMAGE WITH ANTENNAS CONNECTED. CONTRACTOR SHALL OBTAIN AND USE LATEST TESTING PROCEDURES FROM OWNER OR MANUFACTURER PRIOR TO BIDDING.

ANTENNA CABLES SHALL BE UNIQUELY COLOR-CODED AT THE ANTENNAS, BOTH SIDES OF EQUIPMENT SHELTER WALL, AND JUMPER CABLES AT THE EQUIPMENT.

THE CONTRACTOR SHALL FURNISH AND INSTALL ALL CONNECTORS, ASSOCIATED CABLE MOUNTING AND GROUNDING HARDWARE, WALL MOUNTS, STANDOFFS, AND ALL ASSOCIATED HARDWARE TO INSTALL ALL CABLES AND ANTENNAS TO THE MANUFACTURER'S AND OWNER'S SPECIFICATIONS.

ANTENNA CABLES SHALL BE FOAM DIELECTRIC COAXIAL CABLES AS FOLLOWS:

- BASE STATION ANTENNAS:
  - 7/8" DIAMETER FOR CABLE LENGTHS UP TO 100 FT.
  - 1-5/8" DIAMETER FOR CABLE LENGTHS GREATER THAN 100 FT.
  - GPS ANTENNAS:
  - 7/8" DIAMETER FOR CABLE LENGTHS UP TO 200 FT.
  - 1-5/8" DIAMETER FOR CABLE LENGTHS GREATER THAN 200 FT.

MINIMUM BENDING RADIUS FOR COAXIAL CABLES SHALL BE:

- 15 FT FOR 7/8" COAXIAL CABLES.
- 25 FT FOR 1-5/8" COAXIAL CABLES.

CABLE SHALL BE INSTALLED WITH A MINIMUM NUMBER OF BENDS WHERE POSSIBLE. CABLE SHALL NOT BE LEFT UNTERMINATED AND SHALL BE SEALED IMMEDIATELY AFTER BEING INSTALLED.

ALL EXTERIOR CABLE CONNECTIONS SHALL BE COVERED WITH A WATERPROOF SPLICING KIT.

CONTRACTOR SHALL VERIFY EXACT LENGTH AND DIRECTION OF TRAVEL IN FIELD PRIOR TO CONSTRUCTION.

CABLE SHALL BE FURNISHED AND INSTALLED WITHOUT SPLICES AND WITH CONNECTORS AT EACH END.

27 CABLE TRAY:

THESE SPECIFICATIONS SHALL INCLUDE THE GENERAL SPECIFICATIONS HEREIN.

CABLE TRAY SHALL BE MADE OF EITHER CORROSION RESISTANT METAL OR WITH A CORROSION RESISTANT FINISH.

CABLE TRAY SHALL BE OF LADDER TRAY TYPE WITH FLAT COVER CLAMPED TO SIDE RAILS.

CABLE LADDER SHALL BE SIZED TO FIT ALL CABLES IN ACCORDANCE WITH NEC AND NEMA 11-15-84.

CABLE LADDER TRAYS SHALL BE NEMA CLASS 12A BY PW INDUSTRIES, INC. OR EQUAL.

CABLE LADDER TRAY SHALL BE SUPPORTED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.

ALL WORKMANSHIP SHALL CONFORM TO THESE REQUIREMENTS AND ALL LOCAL CODES AND STANDARDS TO ENSURE SAFE AND ADEQUATE GROUNDING SYSTEM.

Cellco Partnership d/b/a

verizon

20 ALEXANDER DRIVE
WALLINGFORD, CT 06492

ALL-POINTS TECHNOLOGY CORPORATION

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WATERFORD, CT 06385 PHONE: (860)-663-1697
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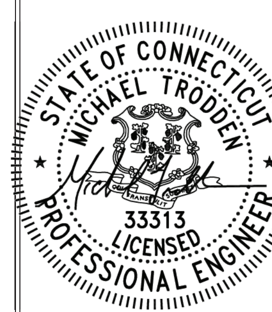
CONSTRUCTION DOCUMENTS

NO	DATE	REVISION
0	12/15/20	FOR REVIEW: JRM
1	02/18/21	PER VZW COMMENTS: JRM
2	02/23/21	PER VZW COMMENTS: JRM
3	05/07/21	PER VZW COMMENTS: JRM
4	06/08/21	FOR FILING: JRM
5		
6		



DESIGN PROFESSIONALS OF RECORD

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COMP: ALL-POINTS TECHNOLOGY CORPORATION, P.C.
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OWNER: EPPOLITI INDUSTRIAL REALTY, INC.
ADDRESS: 37 DANBURY ROAD, SUITE 203 RIDGEFIELD, CT 06877

BETHEL WEST 2 CT

SITE ADDRESS: 15 GREAT PASTURE ROAD DANBURY, CT 06810

APT FILING NUMBER: CT141_11670

DRAWN BY: CSH

DATE: 12/15/20 | **CHECKED BY: JRM**

VZ PROJECT CODE: 20202198965

VZ LOCATION CODE: 467694

VZ FUZE ID: 16244654

SHEET TITLE:

NOTES& SPECIFICATIONS

SHEET NUMBER:

N-1

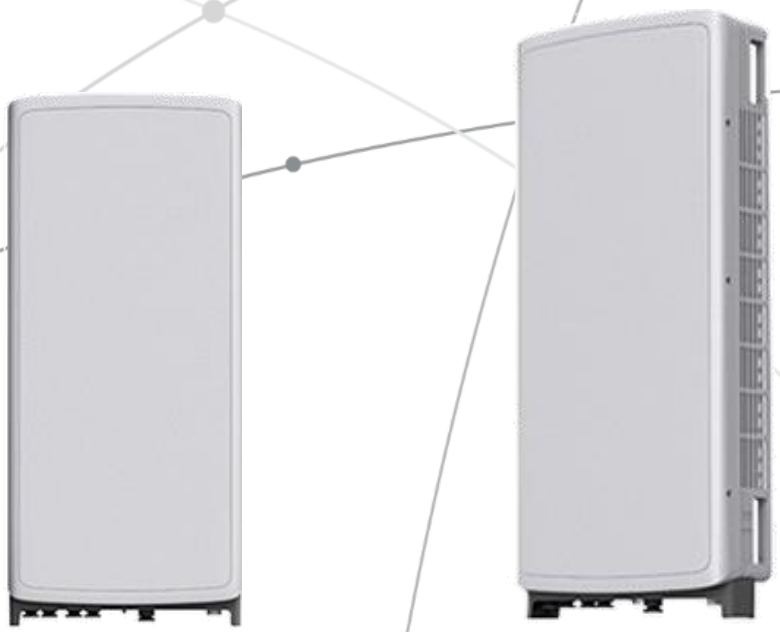
SAMSUNG

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

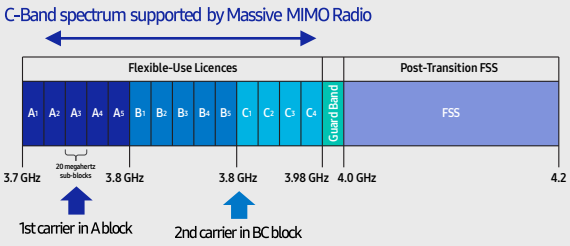


Points of Differentiation

Wide Bandwidth

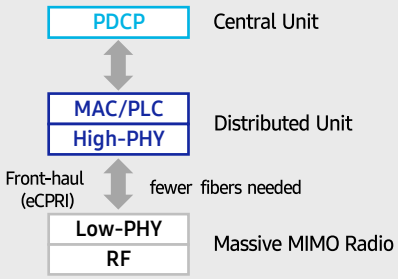
With capability to support up to 2 CC carrier configuration, Samsung C-Band massive MIMO Radio supports 200 MHz bandwidth in the C-Band spectrum.

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



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.

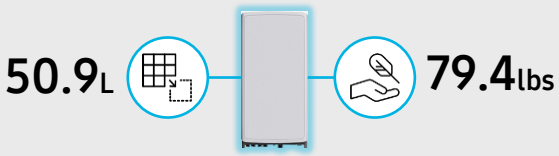
This helps operators reduce their CAPEX as they now need less products to cover the same area than before.

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

About Samsung Electronics Co., Ltd.

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

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

NHH-33B-R2B

6-port sector antenna, 2x 698–896 and 4x 1695–2360 MHz, 33° HPBW, 2x RETs and 2x SBTs

- Narrow beamwidth capacity antenna for higher level of densification and enhanced data throughput
- Internal SBT on low and high band allow remote RET control from the radio over the RF jumper cable
- Separate RS-485 RET input/output for low and high band
- One LB RET and one HB RET. Both high bands are controlled by one RET to ensure same tilt level for 4x Rx or 4x MIMO

General Specifications

Antenna Type	Sector
Band	Multiband
Color	Light gray
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	2
RF Connector Quantity, total	6

Remote Electrical Tilt (RET) Information

RET Interface	8-pin DIN Female | 8-pin DIN Male
RET Interface, quantity	2 female | 2 male
Input Voltage	10–30 Vdc
Internal Bias Tee	Port 1 | Port 3
Internal RET	High band (1) | Low band (1)
Power Consumption, idle state, maximum	1 W

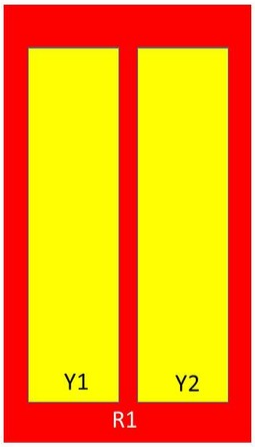
NHH-33B-R2B

Power Consumption, normal conditions, maximum	10 W
Protocol	3GPP/AISG 2.0 (Single RET)

Dimensions

Width	640 mm | 25.197 in
Depth	235 mm | 9.252 in
Length	1830 mm | 72.047 in
Net Weight, without mounting kit	43 kg | 94.799 lb

Array Layout

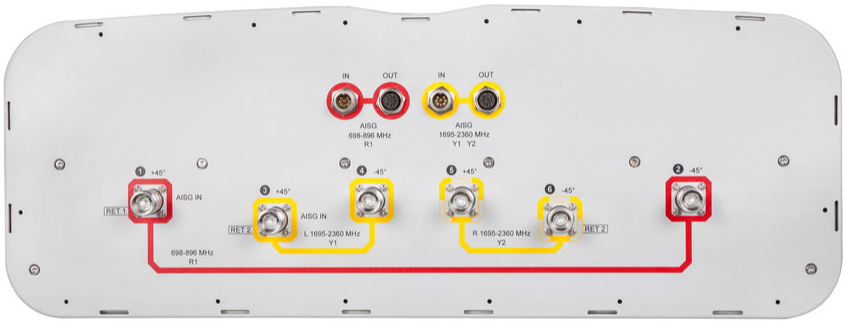


(Sizes of colored boxes are not true depictions of array sizes)

Array	Freq (MHz)	Conns	RET (SRET)	AISG RET UID
R1	698-896	1-2	1	ANxxxxxxxxxxxxxxxx1
Y1	1695-2360	3-4	2	ANxxxxxxxxxxxxxxxx2
Y2	1695-2360	5-6		

Port Configuration

NHH-33B-R2B



Electrical Specifications

Impedance	50 ohm
Operating Frequency Band	1695 – 2360 MHz | 698 – 896 MHz
Polarization	±45°
Total Input Power, maximum	900 W @ 50 °C

Electrical Specifications

Frequency Band, MHz	**698–806**	**806–896**	**1695–1880**	**1850–1990**	**1920–2200**	**2300–2360**
Gain, dBi	17.6	18.3	19.6	20.2	20.8	21.6
Beamwidth, Horizontal, degrees	37	32	34	35	34	30
Beamwidth, Vertical, degrees	12.7	11.2	5.8	5.4	5.1	4.6
Beam Tilt, degrees	2–13	2–13	2–12	2–12	2–12	2–12
USLS (First Lobe), dB	21	22	18	19	20	20
Front-to-Back Ratio at 180°, dB	34	39	36	39	39	35
Isolation, Cross Polarization, dB	25	25	25	25	25	25
Isolation, Inter-band, dB	30	30	28	28	28	28
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	300	300	250	250	250	200

Electrical Specifications, BASTA

Frequency Band, MHz	**698–806**	**806–896**	**1695–1880**	**1850–1990**	**1920–2200**	**2300–2360**
Gain by all Beam Tilts, average, dBi	17.2	18.1	19.2	19.9	20.4	21.3
Gain by all Beam Tilts Tolerance, dB	±0.5	±0.2	±0.6	±0.5	±0.5	±0.3
Gain by Beam Tilt, average, dBi	2 ° | 17.2 7 ° | 17.3 13 ° | 17.1	2 ° | 18.1 7 ° | 18.2 13 ° | 18.0	2 ° | 18.9 7 ° | 19.3 12 ° | 19.4	2 ° | 19.6 7 ° | 20.0 12 ° | 20.0	2 ° | 20.0 7 ° | 20.5 12 ° | 20.4	2 ° | 21.0 7 ° | 21.5 12 ° | 21.2
Beamwidth, Horizontal Tolerance, degrees	±2.8	±1.1	±1.7	±1.3	±1.7	±1.3
Beamwidth, Vertical Tolerance, degrees	±0.8	±0.6	±0.3	±0.2	±0.3	±0.2
USLS, beampeak to 20° above beampeak, dB	21	20	16	17	18	18
Front-to-Back Total Power at 180° ± 30°, dB	29	28	29	31	31	29
CPR at Boresight, dB	18	18	18	21	19	18
CPR at Sector, dB	12	13	13	14	14	11

Mechanical Specifications

Effective Projective Area (EPA), frontal	0.72 m² | 7.75 ft²
Effective Projective Area (EPA), lateral	0.24 m² | 2.583 ft²
Wind Loading at Velocity, frontal	172.1 lbf @ 150 km/h | 765.0 N @ 150 km/h
Wind Loading at Velocity, lateral	251.0 N @ 150 km/h | 56.4 lbf @ 150 km/h
Wind Loading at Velocity, maximum	1,041.0 N @ 50 km/h | 234.0 lbf @ 50 km/h
Wind Loading at Velocity, rear	177.1 lbf @ 150 km/h | 788.0 N @ 150 km/h
Wind Speed, maximum	241 km/h | 149.75 mph

Packaging and Weights

Width, packed	797 mm | 31.378 in
Depth, packed	402 mm | 15.827 in
Length, packed	1982 mm | 78.032 in
Weight, gross	63.2 kg | 139.332 lb

NHH-33B-R2B

Regulatory Compliance/Certifications

Agency	Classification
CHINA-ROHS	Below maximum concentration value
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system
REACH-SVHC	Compliant as per SVHC revision on www.commscope.com/ProductCompliance
ROHS	Compliant

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.
BSAMNT-M	–	Middle Downtilt Mounting Kit for Long Antennas for 2.4 - 4.5 in (60 - 115 mm) OD round members. Kit contains one scissor bracket set.

* Footnotes

Performance Note	Severe environmental conditions may degrade optimum performance

NHH-45B-R2B

6-port sector antenna, 2x 698–896 and 4x 1695–2360 MHz, 45° HPBW, 2x RETs and 2x SBTs. Both high bands share the same electrical tilt.

- Narrow beamwidth capacity antenna for higher level of densification and enhanced data throughput
- Internal SBT on low and high band allow remote RET control from the radio over the RF jumper cable
- Separate RS-485 RET input/output for low and high band
- One LB RET and one HB RET. Both high bands are controlled by one RET to ensure same tilt level for 4x Rx or 4x MIMO

General Specifications

Antenna Type	Sector
Band	Multiband
Color	Light gray
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	2
RF Connector Quantity, total	6

Remote Electrical Tilt (RET) Information

RET Interface	8-pin DIN Female | 8-pin DIN Male
RET Interface, quantity	2 female | 2 male
Input Voltage	10–30 Vdc
Internal Bias Tee	Port 1 | Port 3
Internal RET	High band (1) | Low band (1)
Power Consumption, idle state, maximum	1 W

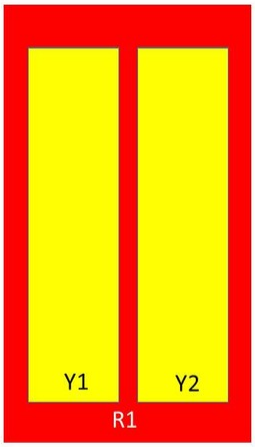
NHH-45B-R2B

Power Consumption, normal conditions, maximum	10 W
Protocol	3GPP/AISG 2.0 (Single RET)

Dimensions

Width	457 mm | 17.992 in
Depth	178 mm | 7.008 in
Length	1829 mm | 72.008 in
Net Weight, without mounting kit	33.4 kg | 73.634 lb

Array Layout

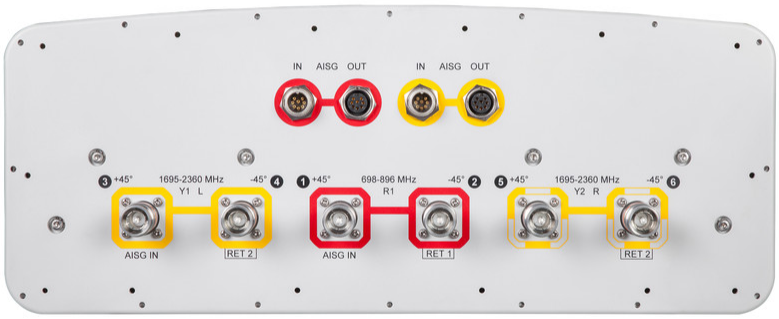


(Sizes of colored boxes are not true depictions of array sizes)

Array	Freq (MHz)	Conns	RET (SRET)	AISG RET UID
R1	698-896	1-2	1	ANxxxxxxxxxxxxxxx1
Y1	1695-2360	3-4	2	ANxxxxxxxxxxxxxxx2
Y2	1695-2360	5-6		

Port Configuration

NHH-45B-R2B



Electrical Specifications

Impedance	50 ohm
Operating Frequency Band	1695 – 2360 MHz | 698 – 896 MHz
Polarization	±45°
Total Input Power, maximum	800 W @ 50 °C

Electrical Specifications

Frequency Band, MHz	**698–806**	**806–896**	**1695–1880**	**1850–1990**	**1920–2200**	**2300–2360**
Gain, dBi	16.8	17.5	19.3	19.9	20.3	20.8
Beamwidth, Horizontal, degrees	48	43	45	43	41	39
Beamwidth, Vertical, degrees	12.5	11.4	5.8	5.4	5	4.5
Beam Tilt, degrees	2–14	2–14	0–8	0–8	0–8	0–8
USLS (First Lobe), dB	19	22	18	18	18	17
Front-to-Back Ratio at 180°, dB	34	39	37	38	40	38
Isolation, Cross Polarization, dB	25	25	25	25	25	25
Isolation, Inter-band, dB	30	30	28	28	28	28
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, maximum, watts	300	300	300	300	300	250

Electrical Specifications, BASTA

Frequency Band, MHz	**698–806**	**806–896**	**1695–1880**	**1850–1990**	**1920–2200**	**2300–2360**
Gain by all Beam Tilts, average, dBi	16.5	17.2	19.1	19.8	20.2	20.8
Gain by all Beam Tilts Tolerance, dB	±0.4	±0.4	±0.5	±0.4	±0.4	±0.3
Gain by Beam Tilt, average, dBi	2 ° | 16.5 8 ° | 16.6 14 ° | 16.3	2 ° | 17.3 8 ° | 17.4 14 ° | 16.9	0 ° | 19.0 4 ° | 19.2 8 ° | 19.0	0 ° | 19.7 4 ° | 19.9 8 ° | 19.7	0 ° | 20.0 4 ° | 20.2 8 ° | 20.2	0 ° | 20.6 4 ° | 20.9 8 ° | 20.6
Beamwidth, Horizontal Tolerance, degrees	±1.5	±2.8	±1.8	±1	±2.7	±1.4
Beamwidth, Vertical Tolerance, degrees	±0.7	±0.6	±0.3	±0.2	±0.3	±0.1
USLS, beampeak to 20° above beampeak, dB	19	23	16	17	16	16
Front-to-Back Total Power at 180° ± 30°, dB	24	24	29	31	33	33
CPR at Boresight, dB	25	26	19	20	18	17
CPR at Sector, dB	6	4	10	10	8	16

Mechanical Specifications

Effective Projective Area (EPA), frontal	1 m² | 10.764 ft²
Effective Projective Area (EPA), lateral	0.21 m² | 2.26 ft²
Wind Loading at Velocity, frontal	1,065.0 N @ 150 km/h
Wind Loading at Velocity, lateral	220.0 N @ 150 km/h
Wind Loading at Velocity, maximum	1,065.0 N @ 150 km/h | 239.4 lbf @ 150 km/h
Wind Loading at Velocity, rear	245.3 lbf @ 150 km/h | 935.0 N @ 150 km/h
Wind Speed, maximum	241 km/h | 149.75 mph

Packaging and Weights

Width, packed	608 mm | 23.937 in
Depth, packed	346 mm | 13.622 in
Length, packed	1970 mm | 77.559 in
Weight, gross	55.8 kg | 123.018 lb

NHH-45B-R2B

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

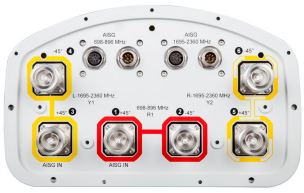
Included Products

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.
BSAMNT-M	–	Middle Downtilt Mounting Kit for Long Antennas for 2.4 - 4.5 in (60 - 115 mm) OD round members. Kit contains one scissor bracket set.

* Footnotes

Performance Note	Severe environmental conditions may degrade optimum performance

NHH-65B-R2B



6-port sector antenna, 2x 698–896 and 4x 1695–2360 MHz, 65° HPBW, 2x RET. Both high bands share the same electrical tilt.

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

General Specifications

Antenna Type	Sector
Band	Multiband
Color	Light gray
Effective Projective Area (EPA), frontal	0.26 m^2 | 2.799 ft^2
Effective Projective Area (EPA), lateral	0.22 m^2 | 2.368 ft^2
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	Low loss circuit board
Reflector Material	Aluminum
RF Connector Interface	7-16 DIN Female
RF Connector Location	Bottom
RF Connector Quantity, high band	4
RF Connector Quantity, low band	2
RF Connector Quantity, total	6

Remote Electrical Tilt (RET) Information, General

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

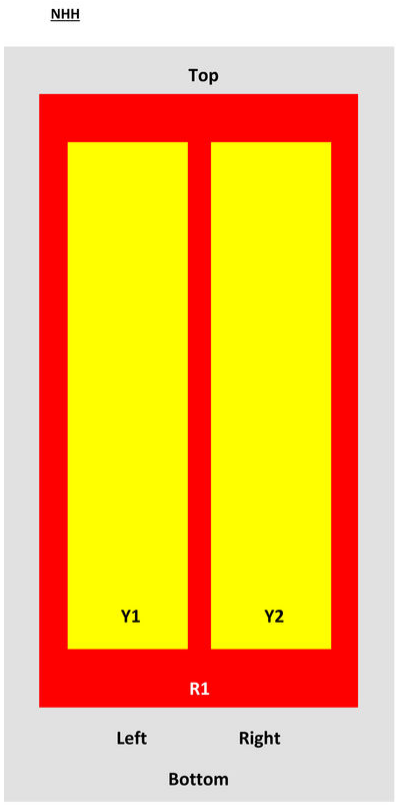
Dimensions

Width	301 mm | 11.85 in
Length	1828 mm | 71.969 in

NHH-65B-R2B

Depth	180 mm | 7.087 in

Array Layout



Array	Freq (MHz)	Conns	RET (SRET)	AISG RET UID
R1	698-896	1-2	1	ANxxxxxxxxxxxxxxx1
Y1	1695-2360	3-4	2	ANxxxxxxxxxxxxxxx2
Y2	1695-2360	5-6		

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 – 896 MHz
Polarization	±45°
Total Input Power, maximum	900 W @ 50 °C

Remote Electrical Tilt (RET) Information, Electrical

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

NHH-65B-R2B

Power Consumption, normal conditions, maximum	13 W
Input Voltage	10–30 Vdc
Internal Bias Tee	Port 1 | Port 3
Internal RET	High band (1) | Low band (1)

Electrical Specifications

Frequency Band, MHz	**698–806**	**806–896**	**1695–1880**	**1850–1990**	**1920–2200**	**2300–2360**
Gain, dBi	14.9	15	17.7	17.9	18.4	18.7
Beamwidth, Horizontal, degrees	65	60	71	69	64	57
Beamwidth, Vertical, degrees	12.4	11.2	5.7	5.2	4.9	4.6
Beam Tilt, degrees	0–14	0–14	0–7	0–7	0–7	0–7
USLS (First Lobe), dB	13	14	18	18	19	18
Front-to-Back Ratio at 180°, dB	30	29	31	30	29	31
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	300	300	300	300	300	300

Electrical Specifications, BASTA

Frequency Band, MHz	**698–806**	**806–896**	**1695–1880**	**1850–1990**	**1920–2200**	**2300–2360**
Gain by all Beam Tilts, average, dBi	14.5	14.5	17.3	17.7	18.1	18.5
Gain by all Beam Tilts Tolerance, dB	±0.6	±1.1	±0.4	±0.4	±0.5	±0.3
Gain by Beam Tilt, average, dBi	0 ° | 14.4 7 ° | 14.6 14 ° | 14.3	0 ° | 14.7 7 ° | 14.7 14 ° | 14.1	0 ° | 17.2 4 ° | 17.3 7 ° | 17.3	0 ° | 17.6 4 ° | 17.7 7 ° | 17.7	0 ° | 18.0 4 ° | 18.2 7 ° | 18.1	0 ° | 18.3 4 ° | 18.5 7 ° | 18.6
Beamwidth, Horizontal Tolerance, degrees	±2	±2.1	±3	±4.1	±6.5	±2.9
Beamwidth, Vertical Tolerance, degrees	±0.7	±0.7	±0.3	±0.2	±0.3	±0.2
USLS, beampeak to 20° above beampeak, dB	13	14	16	16	17	15
Front-to-Back Total Power at 180° ± 30°, dB	23	22	27	27	25	25
CPR at Boresight, dB	22	21	23	23	22	19

NHH-65B-R2B

CPR at Sector, dB	10	7	16	13	11	4

Mechanical Specifications

Wind Loading at Velocity, frontal	278.0 N @ 150 km/h | 63.6 lbf @ 150 km/h
Wind Loading at Velocity, lateral	230.0 N @ 150 km/h | 51.7 lbf @ 150 km/h
Wind Loading at Velocity, maximum	120.7 lbf @ 150 km/h | 537.0 N @ 150 km/h
Wind Speed, maximum	241 km/h | 149.75 mph

Packaging and Weights

Width, packed	409 mm | 16.102 in
Depth, packed	299 mm | 11.772 in
Length, packed	1952 mm | 76.85 in
Net Weight, without mounting kit	19.8 kg | 43.651 lb
Weight, gross	32.3 kg | 71.209 lb

Regulatory Compliance/Certifications

Agency	Classification
CHINA-ROHS	Below maximum concentration value
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system
REACH-SVHC	Compliant as per SVHC revision on www.commscope.com/ProductCompliance
ROHS	Compliant

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.

* Footnotes

Performance Note	Severe environmental conditions may degrade optimum performance

SAMSUNG

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

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

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

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

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

Features and Benefits

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

Key Technical Specifications

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

SAMSUNG

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

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

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

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

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

Features and Benefits

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

Key Technical Specifications

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

ATTACHMENT 3

Site Name: ***BETHEL WEST 2 CT (Danbury)***
Cumulative Power Density

Operator	Operating Frequency	Number of Trans.	ERP Per Trans.	Total ERP	Distance to Target	Calculated Power Density	Maximum Permissible Exposure*	Fraction of MPE
	(MHz)		(watts)	(watts)	(feet)	(mW/cm^2)	(mW/cm^2)	(%)
VZW 700	751	4	1300	5201	120	0.0130	0.5007	2.59%
VZW Cellular	874	4	897	3590	120	0.0090	0.5827	1.54%
VZW PCS	1980	4	2312	9248	120	0.0231	1.0000	2.31%
VZW AWS	2120	4	2594	10377	120	0.0259	1.0000	2.59%
VZW CBAND	3730.005	4	6531	26125	120	0.0652	1.0000	6.52%
Total Percentage of Maximum Permissible Exposure								15.56%

*Guidelines adopted by the FCC on August 1, 1996, 47 CFR Part 1 based on NCRP Report 86, 1986 and generally on ANSI/IEEE C95.1-1992
**Calculation includes a -10 dB Off Beam Antenna Pattern Adjustment pursuant to Attachments B and C of the Siting Council's November 10, 2015 Memorandum for Exempt Modification filings

MHz = Megahertz
mW/cm^2 = milliwatts per square centimeter
ERP = Effective Radiated Power

Absolute worst case maximum values used.

ATTACHMENT 4

STRUCTURAL ANALYSIS REPORT
FOR PROPOSED ANTENNA & APPURTENANCE INSTALLATION ON AN EXISTING 120-ft MONOPOLE TOWER
DANBURY, CONNECTICUT

Prepared for
Verizon Wireless

Verizon Site Ref:
467694; Bethel West 2 CT

Site Address: 15 Great Pasture Road, Danbury, Connecticut 06810
APT Filing No. CT14111670

May 7, 2021

ALL-POINTS TECHNOLOGY CORPORATION, P.C.
567 VAUXHALL STREET EXTENSION · SUITE 311 · WATERFORD, CT 06385 · PHONE 860-663-1697

Structural Analysis Report
120-ft Monopole Tower
Danbury, Connecticut
prepared for
Verizon Wireless

EXECUTIVE SUMMARY:

All-Points Technology Corporation, P.C. (APT) performed a structural evaluation of an existing 120-ft monopole tower structure to support a proposed Verizon equipment modification.

The proposed Verizon antenna and appurtenance modification consists of the replacement of twelve (12) existing panel antennas, nine (9) existing Remote Radio Heads (RRHs), and two (2) Over Voltage Protection boxes (6OVP's) with eleven (11) new panel antennas, (including three (3) Samsung MT6407-77A antennas), eight (8) RRHs, and one (1) 12 OVP, as detailed below. Additionally, two (2) existing 1-1/4" 6x12 hybrid feed-lines are to be replaced with one (1) new 1-1/4 12x24 low inductance hybrid feed-line cable routed vertically inside the monopole. Reference is made to the Construction Drawings prepared by this office, marked Rev 3, dated 05/07/21.

Our analysis indicates that the subject tower structure and base foundation meet the requirements of the 2018 Connecticut State Building Code, International Building Code 2015 (IBC 2015), and TIA-222-G standard with the proposed equipment loading.

INTRODUCTION:

A structural analysis was performed on the above-mentioned communications tower by APT for Verizon Wireless. The subject tower is located at 15 Great Pasture Road in Danbury, Connecticut.

The following information was utilized in the preparation of this analysis:

- Field observations conducted from grade by APT during November 2020.
- Final D&M drawings, prepared by Centek Engineering, Centek Job No. 14216.000 marked Rev1, dated June 06, 2016, including foundation design drawings SSK-1 and SSK-2, dated July 28, 2016.
- Structural Design Report prepared by Sabre Industries, Tower and Poles, Sabre Job No. 16-7133-SCB, signed and sealed July 13, 2016.
- Geotechnical and Geophysical Testing Report prepared by Design Earth Technology, dated February 2016.
- Antenna Mount Analysis Report prepared by Maser Consulting Connecticut, Maser Project # 20777355A, dated November 20, 2020.
- Replacement Antenna Mount Analysis Report and PMI Requirements prepared by Maser Consulting Connecticut, Maser Project # 20777355A, dated May 4, 2021.
- RFDS provided by Verizon Wireless, dated October 26, 2020.

The analysis was conducted using the following equipment inventory (proposed equipment shown in **bold** text):

Carrier	Antenna and Appurtenance Make/Model	Elevation (AGL)	Status	Mount Type	Coax/Feed-Line
Verizon	**(4) Commscope NHH-33B-R2B, (2) Commscope NHH-45B-R2B, (2) Commscope NHH-65B-R2B panels, (3) Samsung MT6407-77A antennas, (4) Samsung B5/B13 RRH-BR04C RRHs, (4) Samsung B2/B66A RRH-BR049 RRHs, (1) Raycap RVZDC-6627-PF-48 D-Box**	120'	P	**SitePro1 RMVP-4096-HK Platform w/ pipe mounts**	**(1) 12x24 L.I. hybrid**

Notes:

1. E = Existing; P = Proposed.
2. All existing Verizon lines to be removed from within pole.
3. All existing Verizon equipment to be removed.

STRUCTURAL ANALYSIS:

Methodology:

This structural analysis has been prepared in accordance with the ANSI TIA-222-G standard entitled "Structural Standards for Steel Antenna Towers and Antenna Supporting Structures," the American Institute of Steel Construction (AISC) Manual of Steel Construction, 2018 Connecticut State Building Code, and IBC 2015.

Antenna, appurtenance and mount assembly loads were evaluated utilizing the ANSI TIA-222-G standard.

- Load Case 1: 120 mph (3-second gust), 0" ice [(1)]
- Load Case 2: 50mph (3-second gust) w/ 0.75" ice thickness
- Load Case 3: 60mph (3-second gust) (Service Load)
- Structure Class II
- Exposure Category B
- Topographic Category 1.

Note:

1. Based upon IBC 2015/2018 Connecticut State Building Code maximum ultimate wind speed for site location of 120 mph (3-sec gust), equivalent to a nominal design speed of 93 mph (3-sec gust) per exception #5, Section 1609.1.1.

ANALYSIS RESULTS:

The analysis was conducted in accordance with the criteria outlined above with the aforementioned existing and proposed equipment loading. The following table summarizes the results of the analysis:

Elevation	Capacity [2, 3]
96'-120'	11%
48'-96'	23%
1'-48'	27%
Base Plate	34%

Notes:
2. Based on ASTM A572 Gr. 65 18-sided monopole. Pole diameter and thickness vary.
3. Based on ASTM A572 Gr. 50 base plate. Base plate is 2.25" thick.

Foundation:

Evaluation of the existing foundation was performed by comparing reactions calculated under the proposed loads with the design reactions indicated within the aforementioned Centek Engineering foundation design drawings. Reactions imposed by the proposed installation are less than the published reactions, indicating that the foundation is adequately sized. It should be noted that foundation capacity is governed by the overturning moment capacity.

The calculated base reactions utilized in the analysis of the foundation system with the proposed loading are as follows:

Load Effect	Original Design (TIA-222-G)	Calculated Reactions [4]
Compression	45.89 k	29.97 k
Base Shear	57.21 k	15.62 k
Overturning Moment	4952.27 ft-k	1337.64 ft-k

Note:
4. Based Load Combination #2 (1.2DL +1.6 WL, no ice).

CONCLUSIONS AND RECOMMENDATIONS:

In conclusion, we find that the existing 120-ft monopole tower structure and base foundation, located at 15 Great Pasture Road in Danbury, Connecticut meets the requirements of the 2018 Connecticut State Building Code, IBC 2015, and the ANSI TIA-222-G standard with the proposed equipment loading.

Sincerely,
All-Points Technology Corporation, P.C.

Robert E. Adair, P.E.
Principal

STATE OF CONNECTICUT
ROBERT E. ADAIR
No. 20278
LICENSED PROFESSIONAL ENGINEER

Prepared By:
All-Points Technology Corporation, P.C.

Michael T. Larson, P.E.
Project Engineer

LIMITATIONS:

This report is based on the following:

1. Tower/structure is properly installed and maintained.
2. All members and components are in a non-deteriorated condition.
3. All required members are in place.
4. All bolts are in place and are properly tightened.
5. Tower/structure is in plumb condition.
6. All tower members were properly designed, detailed, fabricated, and installed and have been properly maintained since erection.

All-Points Technology Corporation, P.C. (APT) is not responsible for any modifications completed prior to or hereafter which APT is not or was not directly involved. Modifications include but are not limited to:

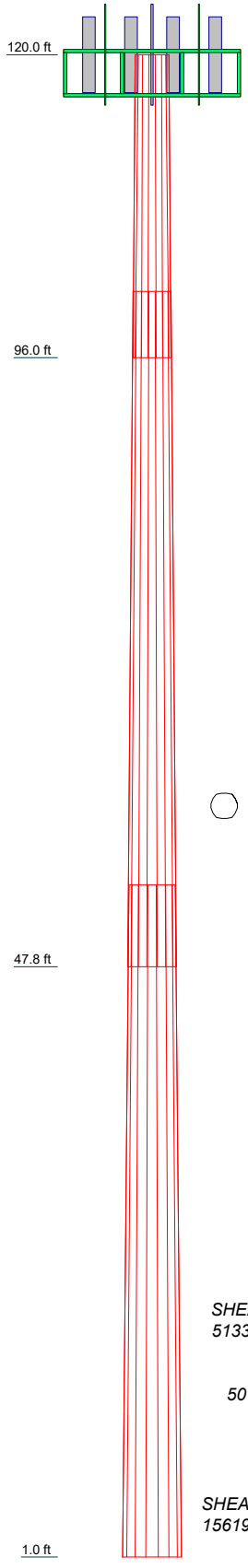
1. Replacing or reinforcing bracing members.
2. Reinforcing members in any manner.
3. Installing antenna mounts or waveguide cables.
4. Adding or relocating antennas.
5. Extending tower/structure.

APT hereby states that this document represents the entire report and that it assumes no liability for any factual changes that may occur after the date of this report. All representations, recommendations, and conclusions are based upon the information contained and set forth herein. If you are aware of any information which is contrary to that which is contained herein, or you are aware of any defects arising from the original design, material, fabrication and erection deficiencies, you should disregard this report and immediately contact APT. APT disclaims all liability for any representation, recommendation, or conclusion not expressly stated herein.

Appendix A

Tower Schematic

Section	Length (ft)	Number of Sides	Thickness (in)	Socket Length (ft)	Top Dia (in)	Bot Dia (in)	Grade	Weight (lb)
1	24.00	18	0.2500	5.25	31.4200	36.7200		2191.6
2	53.50	18	0.3125	6.50	35.0606	46.8900	A572-65	7342.5
3	53.25	18	0.3750		44.8278	56.5900		10855.6
								20389.7



ALL REACTIONS ARE FACTORED

AXIAL 47622 lb

SHEAR 5133 lb

MOMENT 427908 lb-ft

TORQUE 799 lb-ft
50 mph WIND - 0.7500 in ICE

AXIAL 29971 lb

SHEAR 15619 lb

MOMENT 1337643 lb-ft

TORQUE 3426 lb-ft
REACTIONS - 93 mph WIND

DESIGNED APPURTENANCE LOADING

TYPE	ELEVATION	TYPE	ELEVATION
(4) NHH-33B-R2B (VzW)	120	(2) B5/B13 RRHBR04C (VzW)	120
(2) NHH-45B-R2B (VzW)	120	B5/B13 RRHBR04C (VzW)	120
(2) NHH-65B-R2B (VzW)	120	B5/B13 RRHBR04C (VzW)	120
MT6407-77A (VzW)	120	Raycap RVZDC-6627-PF-48 (VzW)	120
MT6407-77A (VzW)	120	(4) 8'x2 3/8" Pipe Mount (VzW)	120
MT6407-77A (VzW)	120	(4) 8'x2 3/8" Pipe Mount (VzW)	120
(2) B2/B66A RRHBR049 (VzW)	120	(4) 8'x2 3/8" Pipe Mount (VzW)	120
B2/B66A RRHBR049 (VzW)	120	SitePro1 RMVP-4096-HK (VzW)	118.5
B2/B66A RRHBR049 (VzW)	120		

MATERIAL STRENGTH

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

TOWER DESIGN NOTES

1. Tower designed for Exposure B to the TIA-222-G Standard.
2. Tower designed for a 93 mph basic wind in accordance with the TIA-222-G Standard.
3. Tower is also designed for a 50 mph basic wind with 0.75 in ice. Ice is considered to increase in thickness with height.
4. Deflections are based upon a 60 mph wind.
5. Tower Structure Class II.
6. Topographic Category 1 with Crest Height of 0.00 ft

All-Points Technology Corp.
567 Vauxhall St. Ext. Suite 311
Waterford, CT 06385
Phone: (860) 663-1697
FAX: (860) 663-0935

Job: ***119' Monopole Tower***			
Project: ***CT14111670 Bethel West 2***			
Client: VzW; Site: 467694 Bethel West 2 CT	Drawn by: M. Larson	App'd:	
Code: TIA-222-G	Date: 05/07/21	Scale: NTS	
Path: Z:\Shared\NH Office\Archive\CT & RI\CT14111670 Bethel West 2 467694\CT14111670 Bethel West 2.eri		Dwg No. E-1	

Appendix B

Calculations

Tower Input Data

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

ASCE 7-10 Wind Data is used (wind speeds converted to nominal values).
Basic wind speed of 93 mph.
Ultimate wind speed of 120 mph.
Structure Class II.
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.
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.

Feed Line/Linear Appurtenances

Description	*Face or Leg*	*Allow Shield*	*Exclude From Torque Calculation*	*Component Type*	*Placement* *ft*	*Total Number*		C_AA_A *ft²/ft*	*Weight* *plf*
12x24 LI Hybrid (VzW)	C	No	Yes	Inside Pole	120.00 - 9.00	1	No Ice	0.00	1.50
							1/2" Ice	0.00	1.50
							1" Ice	0.00	1.50
3/8" safety cable	A	No	Yes	CaAa (Out Of Face)	120.00 - 9.00	1	No Ice	0.04	0.22
							1/2" Ice	0.14	0.83
							1" Ice	0.24	1.98

Discrete Tower Loads

Description	*Face or Leg*	*Offset Type*	*Offsets: Horz Lateral* *ft* *Vert* *ft*	*Azimuth Adjustment* °	*Placement* *ft*		C_AA_A *Front* *ft²*	C_AA_A *Side* *ft²*	*Weight* *lb*
(4) NHH-33B-R2B (VzW)	A	From Leg	4.00	0.0000	120.00	No Ice	15.33	6.60	150.00
			0.00			1/2" Ice	15.86	7.07	241.48
			0.00			1" Ice	16.39	7.53	340.05
(2) NHH-45B-R2B (VzW)	C	From Leg	4.00	0.0000	120.00	No Ice	11.40	5.28	75.00
			0.00			1/2" Ice	11.89	5.74	140.59
			0.00			1" Ice	12.38	6.20	212.67
(2) NHH-65B-R2B (VzW)	B	From Leg	4.00	0.0000	120.00	No Ice	8.08	5.34	50.00
			0.00			1/2" Ice	8.53	5.79	100.05
			0.00			1" Ice	9.00	6.26	156.20
MT6407-77A	A	From Leg	4.00	0.0000	120.00	No Ice	4.69	1.84	90.00

Description	Face or Leg	Offset Type	Offsets: Horz Lateral ft / Vert ft / ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight lb
(VzW)			0.00			1/2" Ice	4.98	2.06	119.24
			0.00			1" Ice	5.28	2.29	152.35
MT6407-77A	B	From Leg	4.00	0.0000	120.00	No Ice	4.69	1.84	90.00
(VzW)			0.00			1/2" Ice	4.98	2.06	119.24
			0.00			1" Ice	5.28	2.29	152.35
MT6407-77A	C	From Leg	4.00	0.0000	120.00	No Ice	4.69	1.84	90.00
(VzW)			0.00			1/2" Ice	4.98	2.06	119.24
			0.00			1" Ice	5.28	2.29	152.35
(2) B2/B66A RRHBR049	A	From Leg	3.00	0.0000	120.00	No Ice	1.88	1.25	85.00
(VzW)			0.00			1/2" Ice	2.05	1.39	103.34
			0.00			1" Ice	2.22	1.54	124.47
B2/B66A RRHBR049	B	From Leg	3.00	0.0000	120.00	No Ice	1.88	1.25	85.00
(VzW)			0.00			1/2" Ice	2.05	1.39	103.34
			0.00			1" Ice	2.22	1.54	124.47
B2/B66A RRHBR049	C	From Leg	3.00	0.0000	120.00	No Ice	1.88	1.25	85.00
(VzW)			0.00			1/2" Ice	2.05	1.39	103.34
			0.00			1" Ice	2.22	1.54	124.47
(2) B5/B13 RRHBR04C	A	From Leg	3.00	0.0000	120.00	No Ice	1.88	1.01	100.00
(VzW)			0.00			1/2" Ice	2.05	1.14	116.43
			0.00			1" Ice	2.22	1.28	135.53
B5/B13 RRHBR04C	B	From Leg	3.00	0.0000	120.00	No Ice	1.88	1.01	100.00
(VzW)			0.00			1/2" Ice	2.05	1.14	116.43
			0.00			1" Ice	2.22	1.28	135.53
B5/B13 RRHBR04C	C	From Leg	3.00	0.0000	120.00	No Ice	1.88	1.01	100.00
(VzW)			0.00			1/2" Ice	2.05	1.14	116.43
			0.00			1" Ice	2.22	1.28	135.53
Raycap	C	From Leg	3.00	0.0000	120.00	No Ice	4.06	3.10	35.00
RVZDC-6627-PF-48			0.00			1/2" Ice	4.32	3.34	71.49
(VzW)			0.00			1" Ice	4.58	3.58	111.97
SitePro1 RMVP-4096-HK	C	None		0.0000	118.50	No Ice	37.16	35.60	2150.00
(VzW)						1/2" Ice	45.62	43.74	2565.00
						1" Ice	53.91	52.30	3115.00
(4) 8'x2 3/8" Pipe Mount	A	From Leg	3.00	0.0000	120.00	No Ice	1.90	1.90	29.20
(VzW)			0.00			1/2" Ice	2.73	2.73	43.54
			0.00			1" Ice	3.40	3.40	63.16
(4) 8'x2 3/8" Pipe Mount	B	From Leg	3.00	0.0000	120.00	No Ice	1.90	1.90	29.20
(VzW)			0.00			1/2" Ice	2.73	2.73	43.54
			0.00			1" Ice	3.40	3.40	63.16
(4) 8'x2 3/8" Pipe Mount	C	From Leg	3.00	0.0000	120.00	No Ice	1.90	1.90	29.20
(VzW)			0.00			1/2" Ice	2.73	2.73	43.54
			0.00			1" Ice	3.40	3.40	63.16

Solution Summary

Maximum Tower Deflections - Service Wind

Section No.	Elevation ft	Horz. Deflection in	Gov. Load Comb.	Tilt °	Twist °
L1	120 - 96	4.556	39	0.3221	0.0039
L2	101.25 - 47.75	3.329	39	0.2966	0.0024
L3	54.25 - 1	0.976	39	0.1646	0.0008

Critical Deflections and Radius of Curvature - Service Wind

Elevation ft	Appurtenance	Gov. Load Comb.	Deflection in	Tilt °	Twist °	Radius of Curvature ft
120.00	(4) NHH-33B-R2B	39	4.556	0.3221	0.0039	113892
118.50	SitePro1 RMVP-4096-HK	39	4.456	0.3204	0.0038	113892

Maximum Tower Deflections - Design Wind

Section No.	Elevation ft	Horz. Deflection in	Gov. Load Comb.	Tilt °	Twist °
L1	120 - 96	19.317	2	1.3492	0.0168
L2	101.25 - 47.75	14.152	2	1.2541	0.0104
L3	54.25 - 1	4.164	2	0.7016	0.0033

Critical Deflections and Radius of Curvature - Design Wind

Elevation ft	Appurtenance	Gov. Load Comb.	Deflection in	Tilt °	Twist °	Radius of Curvature ft
120.00	(4) NHH-33B-R2B	2	19.317	1.3492	0.0168	28731
118.50	SitePro1 RMVP-4096-HK	2	18.897	1.3430	0.0163	28731

Section Capacity Table

Section No.	Elevation ft	Component Type	Size	Critical Element	P lb	ϕP_{allow} lb	% Capacity	Pass Fail
L1	120 - 96	Pole	TP36.72x31.42x0.25	1	-7155.71	1866710.00	10.8	Pass
L2	96 - 47.75	Pole	TP46.89x35.0606x0.3125	2	-15497.70	2956200.00	22.7	Pass
L3	47.75 - 1	Pole	TP56.59x44.8278x0.375	3	-29966.40	4349740.00	27.3	Pass
							Summary	
						Pole (L3)	27.3	Pass
						Base Plate	34.4	Pass
						RATING =	**34.4**	**Pass**

Maser Consulting Connecticut
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(856) 797-0412
GDulnik@maserconsulting.com

Replacement Antenna Mount Analysis Report and PMI Requirements

Mount Analysis-R

SMART Tool Project #: 10067727
Maser Consulting Connecticut Project #: 20777355A

May 4, 2021

Site Information	*Site ID:*	*467694-VZW / Bethel West 2 CT*
	Site Name:	*Bethel West 2 CT*
	Carrier Name:	*Verizon Wireless*
	Address:	*15 Great Pasture Road* *Danbury, Connecticut 06810* *Fairfield County*
	Latitude:	*41.383002780°*
	Longitude:	*-73.42216944°*
Structure Information	*Tower Type:*	*120-Ft Monopole*
	Mount Type:	*14.50-Ft Platform*

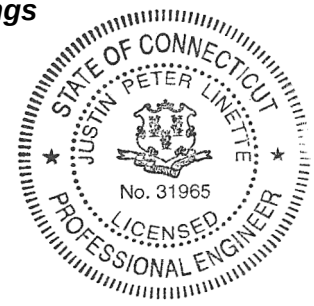
FUZE ID # 16244654

Analysis Results

Platform: **58.2 % 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: Grant Walters



Executive Summary:

The objective of this report is to determine the capacity of the proposed antenna support mount at the subject facility for the final wireless telecommunications configuration, per the applicable codes and standards. The proposed mount was assumed to be installed properly to the existing tower per the manufacturer's instructions. Maser Consulting cannot verify that the proposed mount will fit properly and is not liable for any fit-up issues during installation.

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: 2721061, dated October 26, 2020*
Construction Drawings	*All-Points Technology Corporation, Filing #: CT141_11670 dated February 23, 2021*
Mount Specification	*Site Pro 1 Part # RMVP-4096-HK*

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:	C
	Topographic Category:	1
	Topographic Feature Considered:	N/A
	Topographic Method:	N/A
	Ground Elevation Factor, K_e:	0.986
Seismic Parameters:	S_S:	0.223
	S_1:	0.056
Maintenance Parameters:	Wind Speed (3-sec. Gust):	30 mph
	Maintenance Live Load, Lv:	250 lbs.
	Maintenance Live Load, Lm:	500 lbs.
Analysis Software:	RISA-3D (V17)	

Final Loading Configuration:

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

Mount Elevation (ft)	Equipment Elevation (ft)	Quantity	Manufacturer	Model	Status
118.50	120.00	4	Commscope	NHH-33B-R2B	Added
		2	Commscope	NHH-65B-R2B	
		2	Commscope	NHH-45B-R2B	
		4	Samsung	B2/B66A RRH-BR049	
		4	Samsung	B5/B13 RRH-BR04C	
		3	Samsung	MT6407-77AA	
		1	RFS	DB-C1-12C-24AB-0Z	

Standard Conditions:

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

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

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

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

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

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

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

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

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

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

Analysis Results:

Component	Utilization %	Pass/Fail
Face Horizontal	*14.8 %*	*Pass*
Standoff Horizontal	*20.2 %*	*Pass*
Corner Plate	*41.3 %*	*Pass*
Platform Crossmember	*18.8 %*	*Pass*
Grating Support	*22.9 %*	*Pass*
Mount Pipe	*38.1 %*	*Pass*
Cross Arm Plate	*44.8 %*	*Pass*
Support Rail	*25.0 %*	*Pass*
Support Rail Corner	*58.2 %*	*Pass*
Kicker Support	*17.7 %*	*Pass*
Connection Check	*24.6 %*	*Pass*

Structure Rating – *(Controlling Utilization of all Components)*	**58.2 %**

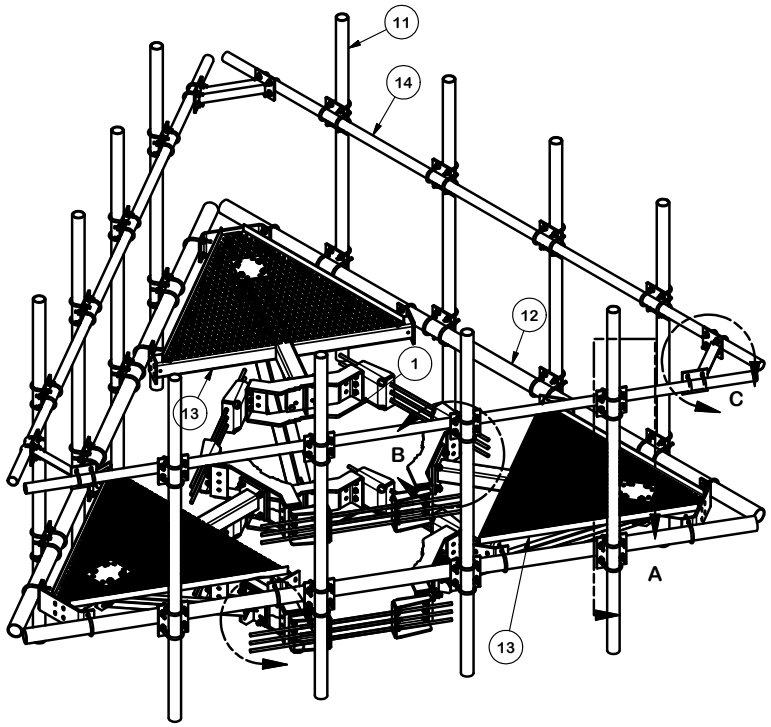
Recommendation:

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

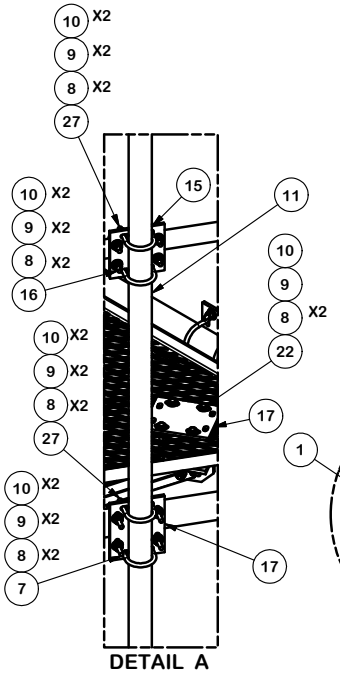
ANSI/ASSP rigging plan review services compliant with the requirements of ANSI/TIA 322 are available for a Construction Class IV site or other, if required. Separate review fees will apply.

Attachments:

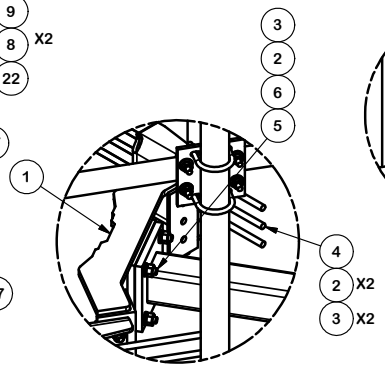
1. Mount Specification
2. Analysis Calculations
3. **Contractor Required Post Installation Inspection (PMI) Report Deliverables**
4. Antenna Placement Diagrams
5. TIA Adoption and Wind Speed Usage Letter



PARTS LIST						
ITEM	QTY	PART NO.	PART DESCRIPTION	LENGTH	UNIT WT.	NET WT.
1	6	X-LWRM	RING MOUNT WELDMENT		68.81	412.85
2	102	G58LW	5/8" HDG LOCKWASHER		0.03	2.66
3	96	A58NUT	5/8" HDG A325 HEX NUT		0.13	12.47
4	18	G58R-24	5/8" x 24" THREADED ROD (HDG.)		2.09	37.63
4	18	G58R-48	5/8" x 48" THREADED ROD (HDG.)		4.18	75.27
5	24	A58234	5/8" x 2-3/4" HDG A325 HEX BOLT	2 3/4 in	0.36	8.54
6	24	A58FW	5/8" HDG A325 FLATWASHER		0.03	0.82
7	36	X-UB1306	1/2" X 3-5/8" X 6" X 3" U-BOLT (HDG.)		0.83	29.82
8	264	G12FW	1/2" HDG USS FLATWASHER	3/32 in	0.03	9.00
9	252	G12LW	1/2" HDG LOCKWASHER	1/8 in	0.01	3.50
10	252	G12NUT	1/2" HDG HEAVY 2H HEX NUT		0.07	18.05
11	12	P3096	2-7/8" OD X 96" SCH 40 GALVANIZED PIPE	96 in	49.24	590.88
12	3	P3174	3-1/2" X 174" SCH 40 GALVANIZED PIPE	174 in	109.97	329.90
13	3	X-SV196	LOW PROFILE PLATFORM CORNER		212.10	636.31
14	3	P2174	2-3/8" OD X 174" SCH 40 GALVANIZED PIPE	174 in	55.75	167.24
15	12	SCX2	CROSSOVER PLATE	7 in	4.80	57.56
16	36	X-UB1212	1/2" X 2-1/2" X 4-1/2" X 2" U-BOLT (HDG.)		0.60	21.50
17	15	SCX4	CROSSOVER PLATE	8 1/2 in	6.02	90.32
18	6	G58NUT	5/8" HDG HEAVY 2H HEX NUT		0.13	0.78
19	6	X-253993	PLATFORM REINFORCEMENT KIT ANGLE	52 25/32 in	14.33	85.99
20	6	X-TBW	T-BRACKET WELDMENT		13.60	81.60
21	6	G5802	5/8" x 2" HDG HEX BOLT GR5		0.27	1.62
22	12	G12065	1/2" x 6-1/2" HDG HEX BOLT GR5 FULL THREAD	5 1/2 in	0.41	4.91
23	3	X-AHCP	ANGLE HANDRAIL CORNER PLATE		12.92	38.76
24	12	X-178627	BENT EXTENSION BRACKET	15 in	15.80	189.58
25	36	A5802	5/8" x 2" HDG A325 HEX BOLT		0.27	9.78
27	48	X-UB1300	1/2" X 3" X 5" X 2" U-BOLT (HDG.)		0.67	32.11
					TOTAL WT. #	2949.44



DETAIL A



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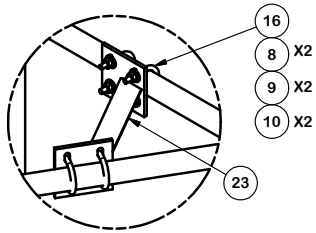
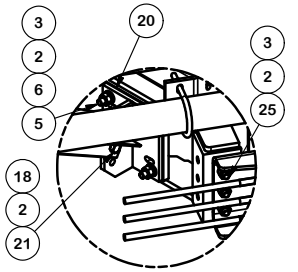


DETAIL C



DETAIL D

TOLERANCE NOTES

TOLERANCES ON DIMENSIONS, UNLESS OTHERWISE NOTED ARE:
SAWED, SHEARED AND GAS CUT EDGES *(± 0.030")*
DRILLED AND GAS CUT HOLES *(± 0.030")* - NO CONING OF HOLES
LASER CUT EDGES AND HOLES *(± 0.010")* - NO CONING OF HOLES
BENDS ARE ± 1/2 DEGREE
ALL OTHER MACHINING *(± 0.030")*
ALL OTHER ASSEMBLY *(± 0.060")*

REV	DESCRIPTION OF REVISIONS	CPD	BY	DATE
A	CHNAGED X-253992 WITH X-TBW	4488	CEK	9/20/2018

REVISION HISTORY

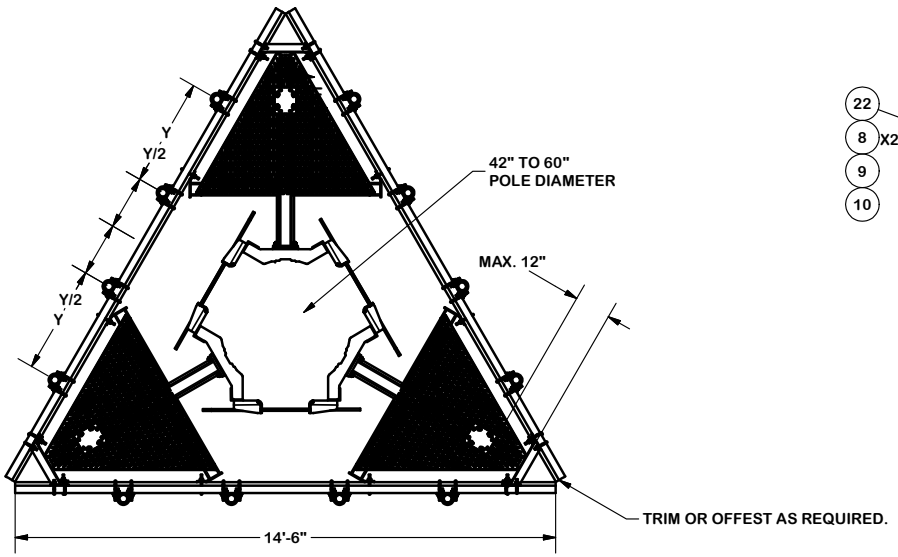
DESCRIPTION
14' 6" LOW PROFILE PLATFORM
WITH TWELVE 2-7/8" ANTENNA MOUTING
PIPES, AND HANDRAIL

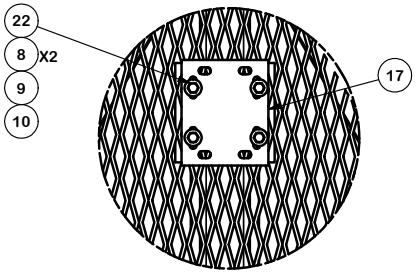
SITE PRO 1 — A valmont COMPANY

Engineering Support Team: 1-888-753-7446

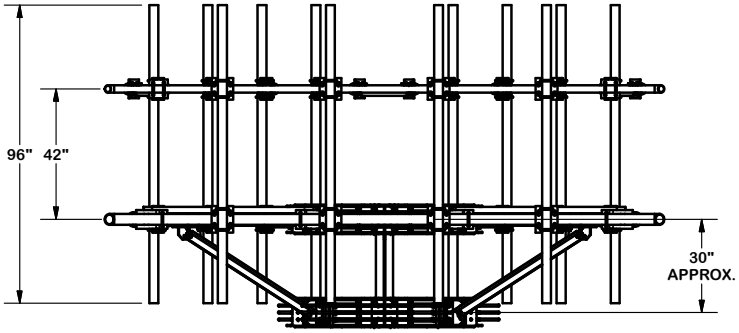
Locations: New York, NY; Atlanta, GA; Los Angeles, CA; Plymouth, IN; Salem, OR; Dallas, TX

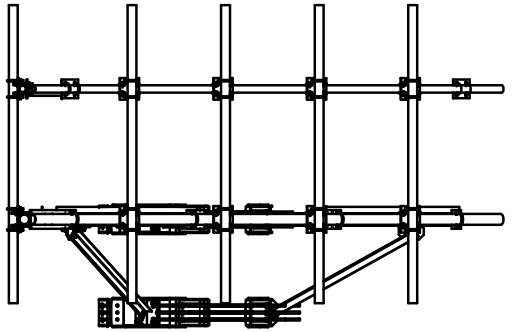
CPD NO.	DRAWN BY	ENG. APPROVAL	PART NO.	PAGE
4488	CEK 7/22/2015		RMVP-4096-HK	1 OF 3
CLASS / SUB	DRAWING USAGE	CHECKED BY	DWG. NO.	
81 / 02	CUSTOMER	BMC 7/22/2015	RMVP-4096-HK	





DETAIL E





TOLERANCE NOTES

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REV	DESCRIPTION OF REVISIONS	CPD	BY	DATE
A	CHNAGED X-253992 WITH X-TBW	4488	CEK	9/20/2018

REVISION HISTORY

DESCRIPTION
14' 6" LOW PROFILE PLATFORM
WITH TWELVE 2-7/8" ANTENNA MOUTING
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A valmont COMPANY
Engineering Support Team:
1-888-753-7446
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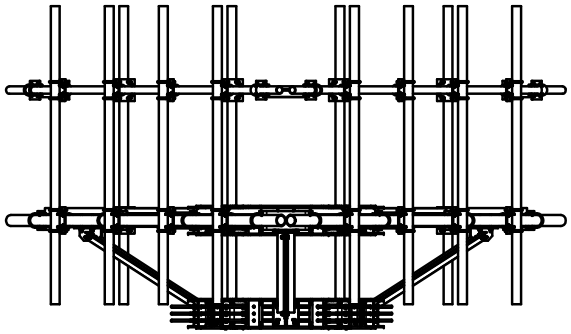
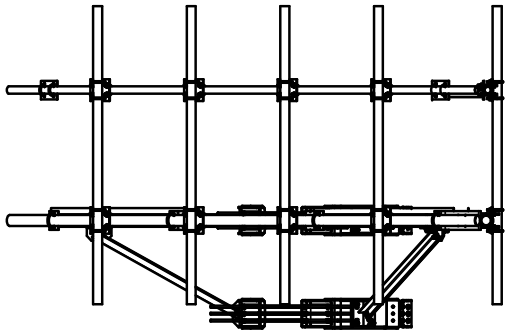
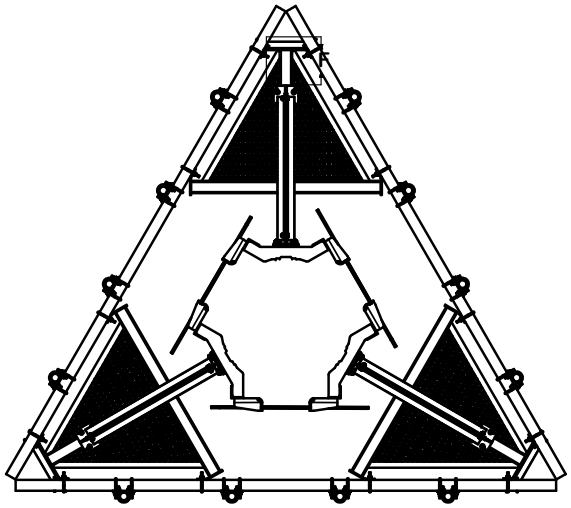
Los Angeles, CA
Plymouth, IN
Salem, OR
Dallas, TX

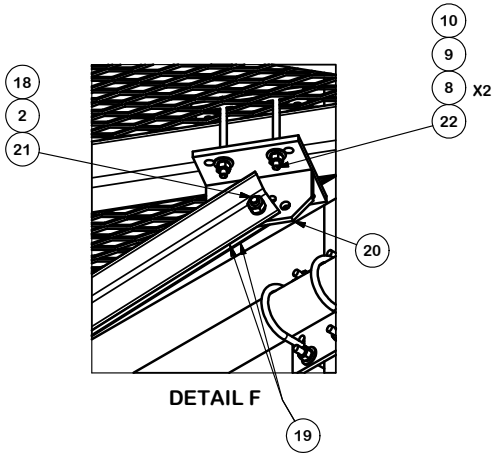
CPD NO.	DRAWN BY	ENG. APPROVAL	PART NO.
4488	CEK 7/22/2015		RMVP-4096-HK

CLASS	SUB	DRAWING USAGE	CHECKED BY	DWG. NO.
81	02	CUSTOMER	BMC 7/22/2015	RMVP-4096-HK









DETAIL F

TOLERANCE NOTES

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REV	DESCRIPTION OF REVISIONS	CPD	BY	DATE
A	CHNAGED X-253992 WITH X-TBW	4488	CEK	9/20/2018

REVISION HISTORY

DESCRIPTION
14' 6" LOW PROFILE PLATFORM
WITH TWELVE 2-7/8" ANTENNA MOUTING
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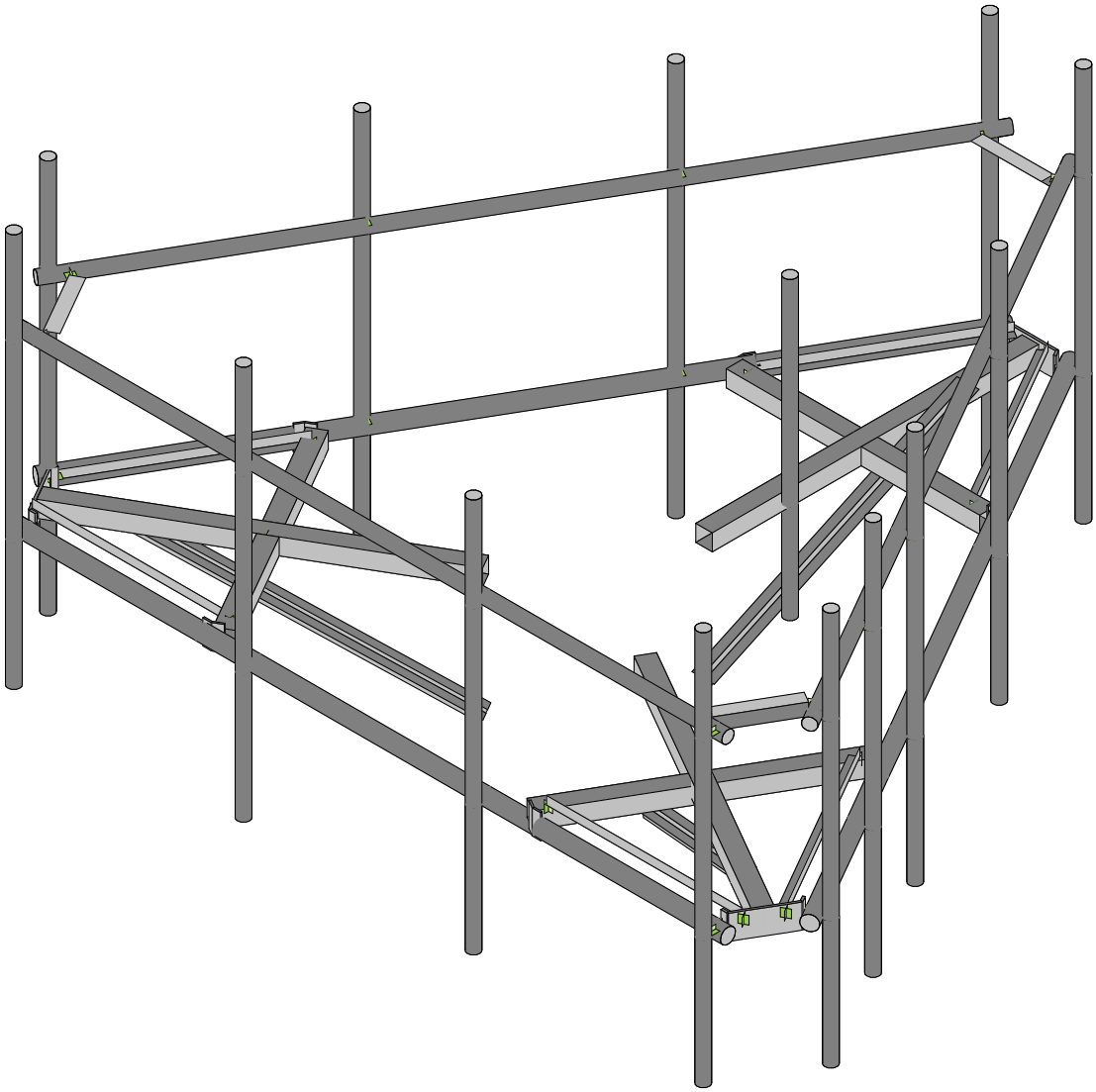
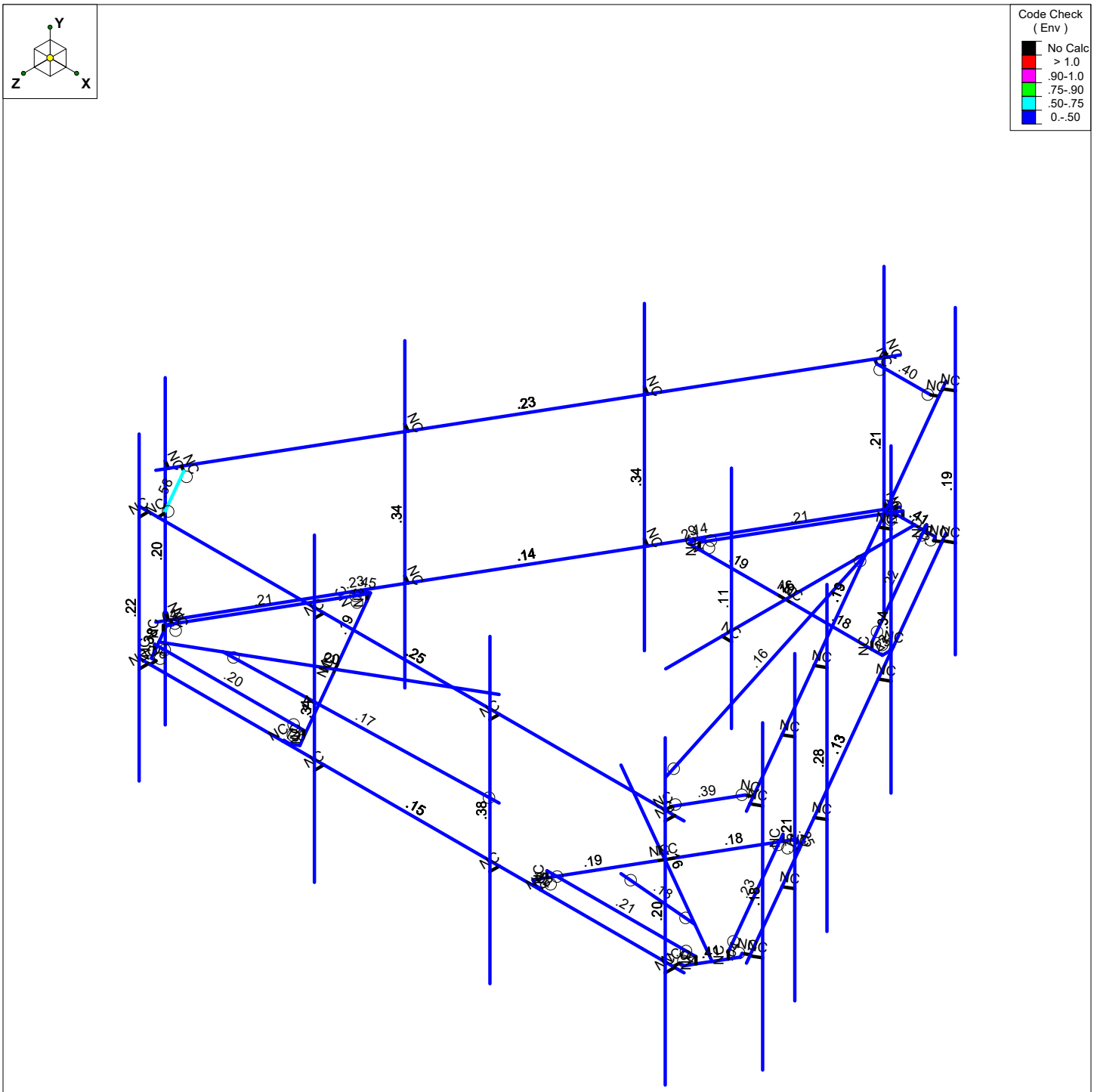
CPD NO.	DRAWN BY	ENG. APPROVAL	PART NO.
4488	CEK 7/22/2015		RMVP-4096-HK

CLASS	SUB	DRAWING USAGE	CHECKED BY	DWG. NO.
81	02	CUSTOMER	BMC 7/22/2015	RMVP-4096-HK



		SK - 1
		May 4, 2021 at 5:22 PM
		467694-VZW_MT_LO_H.r3d



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

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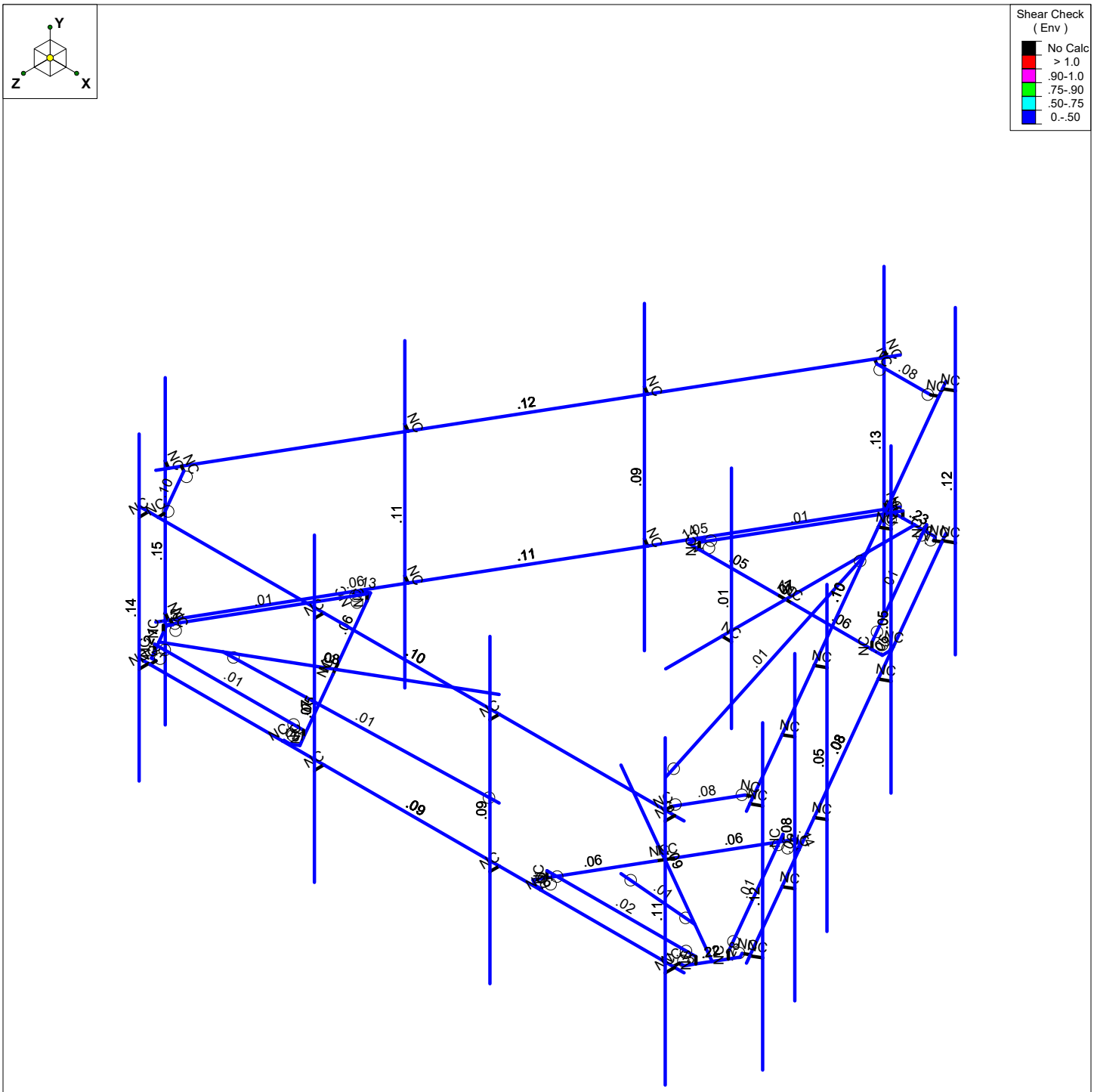
		May 4, 2021 at 5:22 PM
		467694-VZW_MT_LO_H.r3d



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

		SK - 3
		May 4, 2021 at 5:22 PM
		467694-VZW_MT_LO_H.r3d

Basic Load Cases

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed	Area(Me...	Surface(P...
1	Antenna D	None					93			
2	Antenna Di	None					93			
3	Antenna Wo (0 Deg)	None					93			
4	Antenna Wo (30 Deg)	None					93			
5	Antenna Wo (60 Deg)	None					93			
6	Antenna Wo (90 Deg)	None					93			
7	Antenna Wo (120 Deg)	None					93			
8	Antenna Wo (150 Deg)	None					93			
9	Antenna Wo (180 Deg)	None					93			
10	Antenna Wo (210 Deg)	None					93			
11	Antenna Wo (240 Deg)	None					93			
12	Antenna Wo (270 Deg)	None					93			
13	Antenna Wo (300 Deg)	None					93			
14	Antenna Wo (330 Deg)	None					93			
15	Antenna Wi (0 Deg)	None					93			
16	Antenna Wi (30 Deg)	None					93			
17	Antenna Wi (60 Deg)	None					93			
18	Antenna Wi (90 Deg)	None					93			
19	Antenna Wi (120 Deg)	None					93			
20	Antenna Wi (150 Deg)	None					93			
21	Antenna Wi (180 Deg)	None					93			
22	Antenna Wi (210 Deg)	None					93			
23	Antenna Wi (240 Deg)	None					93			
24	Antenna Wi (270 Deg)	None					93			
25	Antenna Wi (300 Deg)	None					93			
26	Antenna Wi (330 Deg)	None					93			
27	Antenna Wm (0 Deg)	None					93			
28	Antenna Wm (30 Deg)	None					93			
29	Antenna Wm (60 Deg)	None					93			
30	Antenna Wm (90 Deg)	None					93			
31	Antenna Wm (120 Deg)	None					93			
32	Antenna Wm (150 Deg)	None					93			
33	Antenna Wm (180 Deg)	None					93			
34	Antenna Wm (210 Deg)	None					93			
35	Antenna Wm (240 Deg)	None					93			
36	Antenna Wm (270 Deg)	None					93			
37	Antenna Wm (300 Deg)	None					93			
38	Antenna Wm (330 Deg)	None					93			
39	Structure D	None		-1					3	
40	Structure Di	None						62	3	
41	Structure Wo (0 Deg)	None						124		
42	Structure Wo (30 Deg)	None						124		
43	Structure Wo (60 Deg)	None						124		
44	Structure Wo (90 Deg)	None						124		
45	Structure Wo (120 D...	None						124		
46	Structure Wo (150 D...	None						124		
47	Structure Wo (180 D...	None						124		
48	Structure Wo (210 D...	None						124		
49	Structure Wo (240 D...	None						124		
50	Structure Wo (270 D...	None						124		
51	Structure Wo (300 D...	None						124		
52	Structure Wo (330 D...	None						124		
53	Structure Wi (0 Deg)	None						124		
54	Structure Wi (30 Deg)	None						124		
55	Structure Wi (60 Deg)	None						124		
56	Structure Wi (90 Deg)	None						124		

Basic Load Cases (Continued)

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed	Area(Me...	Surface(P...
57	Structure Wi (120 De...	None						124		
58	Structure Wi (150 De...	None						124		
59	Structure Wi (180 De...	None						124		
60	Structure Wi (210 De...	None						124		
61	Structure Wi (240 De...	None						124		
62	Structure Wi (270 De...	None						124		
63	Structure Wi (300 De...	None						124		
64	Structure Wi (330 De...	None						124		
65	Structure Wm (0 Deg)	None						124		
66	Structure Wm (30 De...	None						124		
67	Structure Wm (60 De...	None						124		
68	Structure Wm (90 De...	None						124		
69	Structure Wm (120 D...	None						124		
70	Structure Wm (150 D...	None						124		
71	Structure Wm (180 D...	None						124		
72	Structure Wm (210 D...	None						124		
73	Structure Wm (240 D...	None						124		
74	Structure Wm (270 D...	None						124		
75	Structure Wm (300 D...	None						124		
76	Structure Wm (330 D...	None						124		
77	Lm1	None					1			
78	Lm2	None					1			
79	Lv1	None					1			
80	Lv2	None					1			
81	BLC 39 Transient Are...	None						30		
82	BLC 40 Transient Are...	None						30		

Load Combinations

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

Load Combinations (Continued)

	Description	Solve	PDelta	S...	BLC	Fa...	BLC	Fa...	BLC	Fa...	BLC	Fa...	BLC	Fa...	BLC	Fa...	BLC	Fa...	BLC	Fa...	BLC	Fa...	BLC	Fa...
27	1.2D + 1.5Lm1 + 1.0...	Yes	Y		1	1.2	39	1.2	77	1.5	29	1	67	1										
28	1.2D + 1.5Lm1 + 1.0...	Yes	Y		1	1.2	39	1.2	77	1.5	30	1	68	1										
29	1.2D + 1.5Lm1 + 1.0...	Yes	Y		1	1.2	39	1.2	77	1.5	31	1	69	1										
30	1.2D + 1.5Lm1 + 1.0...	Yes	Y		1	1.2	39	1.2	77	1.5	32	1	70	1										
31	1.2D + 1.5Lm1 + 1.0...	Yes	Y		1	1.2	39	1.2	77	1.5	33	1	71	1										
32	1.2D + 1.5Lm1 + 1.0...	Yes	Y		1	1.2	39	1.2	77	1.5	34	1	72	1										
33	1.2D + 1.5Lm1 + 1.0...	Yes	Y		1	1.2	39	1.2	77	1.5	35	1	73	1										
34	1.2D + 1.5Lm1 + 1.0...	Yes	Y		1	1.2	39	1.2	77	1.5	36	1	74	1										
35	1.2D + 1.5Lm1 + 1.0...	Yes	Y		1	1.2	39	1.2	77	1.5	37	1	75	1										
36	1.2D + 1.5Lm1 + 1.0...	Yes	Y		1	1.2	39	1.2	77	1.5	38	1	76	1										
37	1.2D + 1.5Lm2 + 1.0...	Yes	Y		1	1.2	39	1.2	78	1.5	27	1	65	1										
38	1.2D + 1.5Lm2 + 1.0...	Yes	Y		1	1.2	39	1.2	78	1.5	28	1	66	1										
39	1.2D + 1.5Lm2 + 1.0...	Yes	Y		1	1.2	39	1.2	78	1.5	29	1	67	1										
40	1.2D + 1.5Lm2 + 1.0...	Yes	Y		1	1.2	39	1.2	78	1.5	30	1	68	1										
41	1.2D + 1.5Lm2 + 1.0...	Yes	Y		1	1.2	39	1.2	78	1.5	31	1	69	1										
42	1.2D + 1.5Lm2 + 1.0...	Yes	Y		1	1.2	39	1.2	78	1.5	32	1	70	1										
43	1.2D + 1.5Lm2 + 1.0...	Yes	Y		1	1.2	39	1.2	78	1.5	33	1	71	1										
44	1.2D + 1.5Lm2 + 1.0...	Yes	Y		1	1.2	39	1.2	78	1.5	34	1	72	1										
45	1.2D + 1.5Lm2 + 1.0...	Yes	Y		1	1.2	39	1.2	78	1.5	35	1	73	1										
46	1.2D + 1.5Lm2 + 1.0...	Yes	Y		1	1.2	39	1.2	78	1.5	36	1	74	1										
47	1.2D + 1.5Lm2 + 1.0...	Yes	Y		1	1.2	39	1.2	78	1.5	37	1	75	1										
48	1.2D + 1.5Lm2 + 1.0...	Yes	Y		1	1.2	39	1.2	78	1.5	38	1	76	1										
49	1.2D + 1.5Lv1	Yes	Y		1	1.2	39	1.2	79	1.5														
50	1.2D + 1.5Lv2	Yes	Y		1	1.2	39	1.2	80	1.5														
51	1.4D	Yes	Y		1	1.4	39	1.4																
52	Seismic Mass		Y		1	1	39	1																
53	1.2D + 1.0Ev + 1.0E...		Y		1	1.2	39	1.2	SX		SY	1	SZ	-1										
54	1.2D + 1.0Ev + 1.0E...		Y		1	1.2	39	1.2	SX	.5	SY	1	SZ	-.866										
55	1.2D + 1.0Ev + 1.0E...		Y		1	1.2	39	1.2	SX	.866	SY	1	SZ	-.5										
56	1.2D + 1.0Ev + 1.0E...		Y		1	1.2	39	1.2	SX	1	SY	1	SZ											
57	1.2D + 1.0Ev + 1.0E...		Y		1	1.2	39	1.2	SX	.866	SY	1	SZ	.5										
58	1.2D + 1.0Ev + 1.0E...		Y		1	1.2	39	1.2	SX	.5	SY	1	SZ	.866										
59	1.2D + 1.0Ev + 1.0E...		Y		1	1.2	39	1.2	SX		SY	1	SZ	1										
60	1.2D + 1.0Ev + 1.0E...		Y		1	1.2	39	1.2	SX	-.5	SY	1	SZ	.866										
61	1.2D + 1.0Ev + 1.0E...		Y		1	1.2	39	1.2	SX	-.866	SY	1	SZ	.5										
62	1.2D + 1.0Ev + 1.0E...		Y		1	1.2	39	1.2	SX	-1	SY	1	SZ											
63	1.2D + 1.0Ev + 1.0E...		Y		1	1.2	39	1.2	SX	-.866	SY	1	SZ	-.5										
64	1.2D + 1.0Ev + 1.0E...		Y		1	1.2	39	1.2	SX	-.5	SY	1	SZ	-.866										

Joint Coordinates and Temperatures

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
1	CP	0	0	0	0	
2	N36	-7.249996	0	4.887182	0	
3	N53A	7.249996	0	4.887182	0	
4	N53	-6.999996	0	4.887182	0	
5	N54	-2.333329	0	4.887182	0	
6	N55	2.333337	0	4.887182	0	
7	N56	7.000004	0	4.887182	0	
8	N57A	-6.999996	0	5.137182	0	
9	N58A	-2.333329	0	5.137182	0	
10	N59A	2.333337	0	5.137182	0	
11	N60A	7.000004	0	5.137182	0	
12	N61	-6.999996	5.416667	5.137182	0	
13	N62	-2.333329	5.416667	5.137182	0	
14	N63	2.333337	5.416667	5.137182	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
15	N64	7.000004	5.416667	5.137182	0	
16	N65	-6.999996	-2.583333	5.137182	0	
17	N66	-2.333329	-2.583333	5.137182	0	
18	N67	2.333337	-2.583333	5.137182	0	
19	N68	7.000004	-2.583333	5.137182	0	
20	N112A	0.	0	-1.874997	0	
21	N113A	-0.	0	-5.065364	0	
22	N114	-0.	0	-8.50008	0	
23	N115	-2.572908	0	-5.065367	0	
24	N116A	2.299372	0.166667	-5.065367	0	
25	N117	-2.299368	0.166667	-5.065367	0	
26	N119	2.299372	0	-5.065367	0	
27	N120B	-2.299368	0	-5.065367	0	
28	N121	0.316678	0.166667	-8.499488	0	
29	N122	-0.315987	0.166667	-8.500678	0	
30	N123	0.317021	0	-8.500084	0	
31	N124A	-0.31633	0	-8.500084	0	
32	N125	2.572911	0	-5.065367	0	
33	N126	-0.166665	0	-5.065367	0	
34	N127	0.166669	0	-5.065367	0	
35	N128	0.546877	0	-8.500084	0	
36	N129	-0.546873	0	-8.500084	0	
37	N130	-2.572908	0	-5.252867	0	
38	N131	2.572911	0	-5.252867	0	
39	N132	-2.489574	0	-5.397205	0	
40	N133	-2.517759	0	-5.413478	0	
41	N134	-0.609373	0	-8.39183	0	
42	N135	-0.750998	0	-8.473598	0	
43	N136	2.489578	0	-5.397205	0	
44	N137	2.517763	0	-5.413478	0	
45	N138	0.609377	0	-8.39183	0	
46	N139	0.751002	0	-8.473598	0	
47	N137A	-7.249996	3.5	4.887182	0	
48	N138A	7.249996	3.5	4.887182	0	
49	N139A	-6.999996	3.5	4.887182	0	
50	N140	-2.333329	3.5	4.887182	0	
51	N141	2.333337	3.5	4.887182	0	
52	N142	7.000004	3.5	4.887182	0	
53	N143	-6.999996	3.5	5.137182	0	
54	N144	-2.333329	3.5	5.137182	0	
55	N145A	2.333337	3.5	5.137182	0	
56	N146	7.000004	3.5	5.137182	0	
57	N58	-1.623795	0	0.937499	0	
58	N59	-4.386734	0	2.532682	0	
59	N60	-7.361285	0	4.25004	0	
60	N61A	-3.100283	0	4.760887	0	
61	N62A	-5.536423	0.166667	0.541369	0	
62	N63A	-3.237053	0.166667	4.523995	0	
63	N64A	-5.536423	0	0.541369	0	
64	N65A	-3.237053	0	4.523995	0	
65	N66A	-7.519112	0.166667	3.975493	0	
66	N67A	-7.203809	0.166667	4.523992	0	
67	N68A	-7.519799	0	3.975493	0	
68	N69	-7.203123	0	4.523992	0	
69	N70	-5.673193	0	0.304477	0	
70	N71	-4.303405	0	2.67702	0	
71	N72	-4.470071	0	2.388344	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
72	N73	-7.634727	0	3.776432	0	
73	N74	-7.087852	0	4.723648	0	
74	N75	-3.262663	0	4.854637	0	
75	N76	-5.835572	0	0.398227	0	
76	N77	-3.42933	0	4.854637	0	
77	N78	-3.42933	0	4.887182	0	
78	N79	-6.962852	0	4.723648	0	
79	N80	-6.962852	0	4.887182	0	
80	N81	-5.918906	0	0.542565	0	
81	N82	-5.947091	0	0.526292	0	
82	N83	-7.572227	0	3.668179	0	
83	N84	-7.713852	0	3.586412	0	
84	N86	1.623795	0	0.937499	0	
85	N87	4.386734	0	2.532682	0	
86	N88	7.361285	0	4.25004	0	
87	N89	5.673191	0	0.30448	0	
88	N90	3.237051	0.166667	4.523998	0	
89	N91	5.536421	0.166667	0.541373	0	
90	N92	3.237051	0	4.523998	0	
91	N93	5.536421	0	0.541373	0	
92	N94	7.202434	0.166667	4.523995	0	
93	N95	7.519796	0.166667	3.976686	0	
94	N96	7.202778	0	4.52459	0	
95	N97	7.519453	0	3.976092	0	
96	N98	3.100281	0	4.76089	0	
97	N99	4.470069	0	2.388348	0	
98	N100	4.303403	0	2.677023	0	
99	N101	7.08785	0	4.723651	0	
100	N102	7.634725	0	3.776436	0	
101	N103	5.83557	0	0.39823	0	
102	N104	3.262661	0	4.85464	0	
103	N105	5.918904	0	0.542568	0	
104	N106	5.947089	0	0.526295	0	
105	N107	7.572225	0	3.668183	0	
106	N108	7.71385	0	3.586415	0	
107	N109	3.429328	0	4.85464	0	
108	N110	3.429328	0	4.887186	0	
109	N111	6.96285	0	4.723651	0	
110	N112	6.96285	0	4.887186	0	
111	N112B	7.857422	0	3.83509	0	
112	N113	0.607426	0	-8.722272	0	
113	N114A	7.732422	0	3.618583	0	
114	N115A	5.399089	0	-0.422869	0	
115	N116	3.065756	0	-4.464321	0	
116	N117A	0.732422	0	-8.505772	0	
117	N118	7.948929	0	3.493583	0	
118	N119A	5.615595	0	-0.547869	0	
119	N120	3.282262	0	-4.589321	0	
120	N121A	0.948929	0	-8.630772	0	
121	N122A	7.948929	5.416667	3.493583	0	
122	N123A	5.615595	5.416667	-0.547869	0	
123	N124	3.282262	5.416667	-4.589321	0	
124	N125A	0.948929	5.416667	-8.630772	0	
125	N126A	7.948929	-2.583333	3.493583	0	
126	N127A	5.615595	-2.583333	-0.547869	0	
127	N128A	3.282262	-2.583333	-4.589321	0	
128	N129A	0.948929	-2.583333	-8.630772	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
129	N130A	7.857422	3.5	3.83509	0	
130	N131A	0.607426	3.5	-8.722272	0	
131	N132A	7.732422	3.5	3.618583	0	
132	N133A	5.399089	3.5	-0.422869	0	
133	N134A	3.065756	3.5	-4.464321	0	
134	N135A	0.732422	3.5	-8.505772	0	
135	N136A	7.948929	3.5	3.493583	0	
136	N137B	5.615595	3.5	-0.547869	0	
137	N138B	3.282262	3.5	-4.589321	0	
138	N139B	0.948929	3.5	-8.630772	0	
139	N141A	-0.607426	0	-8.722272	0	
140	N142A	-7.857422	0	3.83509	0	
141	N143A	-0.732426	0	-8.505766	0	
142	N144A	-3.065759	0	-4.464314	0	
143	N145	-5.399093	0	-0.422862	0	
144	N146A	-7.732426	0	3.61859	0	
145	N147	-0.948932	0	-8.630766	0	
146	N148	-3.282266	0	-4.589314	0	
147	N149	-5.615599	0	-0.547862	0	
148	N150	-7.948932	0	3.49359	0	
149	N151	-0.948932	5.416667	-8.630766	0	
150	N152	-3.282266	5.416667	-4.589314	0	
151	N153	-5.615599	5.416667	-0.547862	0	
152	N154	-7.948932	5.416667	3.49359	0	
153	N155	-0.948932	-2.583333	-8.630766	0	
154	N156	-3.282266	-2.583333	-4.589314	0	
155	N157	-5.615599	-2.583333	-0.547862	0	
156	N158	-7.948932	-2.583333	3.49359	0	
157	N159	-0.607426	3.5	-8.722272	0	
158	N160	-7.857422	3.5	3.83509	0	
159	N161	-0.732426	3.5	-8.505766	0	
160	N162	-3.065759	3.5	-4.464314	0	
161	N163	-5.399093	3.5	-0.422862	0	
162	N164	-7.732426	3.5	3.61859	0	
163	N165	-0.948932	3.5	-8.630766	0	
164	N166	-3.282266	3.5	-4.589314	0	
165	N167	-5.615599	3.5	-0.547862	0	
166	N168	-7.948932	3.5	3.49359	0	
167	N167A	-6.749996	3.5	4.887182	0	
168	N168A	6.749996	3.5	4.887182	0	
169	N171	7.607422	3.5	3.402077	0	
170	N172	0.857426	3.5	-8.289259	0	
171	N175	-0.857426	3.5	-8.289259	0	
172	N176	-7.607422	3.5	3.402077	0	
173	N173	0.	0	-3.374997	0	
174	N174	0.25	0	-3.374997	0	
175	N175A	0.25	4	-3.374997	0	
176	N176A	0.25	-2	-3.374997	0	
177	N177	6.278754	0	3.62504	0	
178	N178	1.623795	-2.5	0.937499	0	
179	N181	-0.	0	-7.250081	0	
180	N182	0.	-2.5	-1.874997	0	
181	N183	-6.278754	0	3.62504	0	
182	N184	-1.623795	-2.5	0.937499	0	
183	N183A	-7.465797	3.5	3.483844	0	
184	N184A	-6.749996	3.5	4.723648	0	
185	N188	6.749996	3.5	4.723648	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap...
186	N189	7.465797	3.5	3.483844	0	
187	N190	0.715801	3.5	-8.207492	0	
188	N191	-0.715801	3.5	-8.207492	0	
189	N189A	6.567422	0	1.600744	0	
190	N190A	6.783929	0	1.475744	0	
191	N191A	6.783929	5.416667	1.475744	0	
192	N192	6.783929	-2.583333	1.475744	0	
193	N193	6.567422	3.5	1.600744	0	
194	N194	6.783929	3.5	1.475744	0	

Hot Rolled Steel Section Sets

	Label	Shape	Type	Design List	Material	Design ...	A [in2]	Iyy [in4]	Izz [in4]	J [in4]
1	Face Horizontal	PIPE_3.0	Beam	Pipe	A53 Gr.B	Typical	2.07	2.85	2.85	5.69
2	Standoff Horizontal	HSS4X4X4	Beam	SquareTube	A500 Gr.B Rect	Typical	3.37	7.8	7.8	12.8
3	Corner Plate	PL1/2x6	Beam	BAR	A36 Gr.36	Typical	3	.063	9	.237
4	Platform Crossmember	HSS4X4X3	Beam	SquareTube	A500 Gr.B Rect	Typical	2.58	6.21	6.21	10
5	Grating Support	L2x2x3	Beam	Single Angle	A36 Gr.36	Typical	.722	.271	.271	.009
6	Mount Pipe	PIPE_2.5	Column	Wide Flange	A53 Gr.B	Typical	1.61	1.45	1.45	2.89
7	Cross Arm Plate	PL3/8x6	Column	RECT	A36 Gr.36	Typical	2.25	.026	6.75	.101
8	Suport Rail	PIPE_2.5	Column	Pipe	A53 Gr.B	Typical	1.61	1.45	1.45	2.89
9	Support Rail Corner	L3X3X4	Column	Single Angle	A36 Gr.36	Typical	1.44	1.23	1.23	.031
10	Kicker Support	LL2.5x2.5x3x3	Column	Double Angl...	A36 Gr.36	Typical	1.8	2.46	1.07	.023

Hot Rolled Steel Properties

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

Member Primary Data

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
1	M20	N53A	N36			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
2	M34A	N53	N57A			RIGID	None	None	RIGID	Typical
3	M35B	N54	N58A			RIGID	None	None	RIGID	Typical
4	M36B	N55	N59A			RIGID	None	None	RIGID	Typical
5	M37	N56	N60A			RIGID	None	None	RIGID	Typical
6	MP1A	N64	N68			Mount Pipe	Column	Wide Flange	A53 Gr.B	Typical
7	MP2A	N63	N67			Mount Pipe	Column	Wide Flange	A53 Gr.B	Typical
8	MP3A	N62	N66			Mount Pipe	Column	Wide Flange	A53 Gr.B	Typical
9	MP4A	N61	N65			Mount Pipe	Column	Wide Flange	A53 Gr.B	Typical
10	M72A	N112A	N114			Standoff Horizontal	Beam	SquareTube	A500 Gr.B...	Typical
11	M73	N125	N127			Platform Crossme...	Beam	SquareTube	A500 Gr.B...	Typical
12	M74	N126	N115			Platform Crossme...	Beam	SquareTube	A500 Gr.B...	Typical
13	M75	N129	N128			Corner Plate	Beam	BAR	A36 Gr.36	Typical
14	M76	N117	N120B			RIGID	None	None	RIGID	Typical
15	M77	N116A	N119			RIGID	None	None	RIGID	Typical
16	M78	N121	N116A			Grating Support	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
17	M79	N117	N122			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
18	M80	N122	N124A			RIGID	None	None	RIGID	Typical
19	M81	N121	N123			RIGID	None	None	RIGID	Typical
20	M82	N126	N113A			RIGID	None	None	RIGID	Typical
21	M83	N113A	N127			RIGID	None	None	RIGID	Typical
22	M84	N115	N130			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
23	M85	N130	N132			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
24	M86A	N132	N133			RIGID	None	None	RIGID	Typical
25	M87A	N129	N134			Corner Plate	Beam	BAR	A36 Gr.36	Typical
26	M88	N134	N135			RIGID	None	None	RIGID	Typical
27	M89A	N125	N131			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
28	M90A	N131	N136			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
29	M91	N136	N137			RIGID	None	None	RIGID	Typical
30	M92	N128	N138			Corner Plate	Beam	BAR	A36 Gr.36	Typical
31	M93A	N138	N139			RIGID	None	None	RIGID	Typical
32	M94	N138A	N137A			Suport Rail	Column	Pipe	A53 Gr.B	Typical
33	M95	N139A	N143			RIGID	None	None	RIGID	Typical
34	M96	N140	N144			RIGID	None	None	RIGID	Typical
35	M97	N141	N145A			RIGID	None	None	RIGID	Typical
36	M98	N142	N146			RIGID	None	None	RIGID	Typical
37	M37A	N58	N60			Standoff Horizontal	Beam	SquareTube	A500 Gr.B...	Typical
38	M38	N70	N72			Platform Crossme...	Beam	SquareTube	A500 Gr.B...	Typical
39	M39	N71	N61A			Platform Crossme...	Beam	SquareTube	A500 Gr.B...	Typical
40	M40	N74	N73			Corner Plate	Beam	BAR	A36 Gr.36	Typical
41	M41	N63A	N65A			RIGID	None	None	RIGID	Typical
42	M42	N62A	N64A			RIGID	None	None	RIGID	Typical
43	M43	N66A	N62A			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
44	M44	N63A	N67A			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
45	M45	N67A	N69			RIGID	None	None	RIGID	Typical
46	M46	N66A	N68A			RIGID	None	None	RIGID	Typical
47	M47	N71	N59			RIGID	None	None	RIGID	Typical
48	M48	N59	N72			RIGID	None	None	RIGID	Typical
49	M49	N61A	N75			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
50	M50	N75	N77			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
51	M51	N77	N78			RIGID	None	None	RIGID	Typical
52	M52	N74	N79			Corner Plate	Beam	BAR	A36 Gr.36	Typical
53	M53	N79	N80			RIGID	None	None	RIGID	Typical
54	M54	N70	N76			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
55	M55	N76	N81			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
56	M56	N81	N82			RIGID	None	None	RIGID	Typical
57	M57	N73	N83			Corner Plate	Beam	BAR	A36 Gr.36	Typical
58	M58	N83	N84			RIGID	None	None	RIGID	Typical
59	M59	N86	N88			Standoff Horizontal	Beam	SquareTube	A500 Gr.B...	Typical
60	M60	N98	N100			Platform Crossme...	Beam	SquareTube	A500 Gr.B...	Typical
61	M61	N99	N89			Platform Crossme...	Beam	SquareTube	A500 Gr.B...	Typical
62	M62	N102	N101			Corner Plate	Beam	BAR	A36 Gr.36	Typical
63	M63	N91	N93			RIGID	None	None	RIGID	Typical
64	M64	N90	N92			RIGID	None	None	RIGID	Typical
65	M65	N94	N90			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
66	M66	N91	N95			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
67	M67	N95	N97			RIGID	None	None	RIGID	Typical
68	M68	N94	N96			RIGID	None	None	RIGID	Typical
69	M69	N99	N87			RIGID	None	None	RIGID	Typical
70	M70	N87	N100			RIGID	None	None	RIGID	Typical
71	M71	N89	N103			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
72	M72	N103	N105			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
73	M73A	N105	N106			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
74	M74A	N102	N107			Corner Plate	Beam	BAR	A36 Gr.36	Typical
75	M75A	N107	N108			RIGID	None	None	RIGID	Typical
76	M76A	N98	N104			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
77	M77A	N104	N109			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
78	M78A	N109	N110			RIGID	None	None	RIGID	Typical
79	M79A	N101	N111			Corner Plate	Beam	BAR	A36 Gr.36	Typical
80	M80A	N111	N112			RIGID	None	None	RIGID	Typical
81	M81A	N113	N112B			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
82	M82A	N114A	N118			RIGID	None	None	RIGID	Typical
83	M83A	N115A	N119A			RIGID	None	None	RIGID	Typical
84	M84A	N116	N120			RIGID	None	None	RIGID	Typical
85	M85A	N117A	N121A			RIGID	None	None	RIGID	Typical
86	MP1C	N125A	N129A			Mount Pipe	Column	Wide Flange	A53 Gr.B	Typical
87	MP2C	N124	N128A			Mount Pipe	Column	Wide Flange	A53 Gr.B	Typical
88	MP3C	N123A	N127A			Mount Pipe	Column	Wide Flange	A53 Gr.B	Typical
89	MP5C	N122A	N126A			Mount Pipe	Column	Wide Flange	A53 Gr.B	Typical
90	M90	N131A	N130A			Suport Rail	Column	Pipe	A53 Gr.B	Typical
91	M91A	N132A	N136A			RIGID	None	None	RIGID	Typical
92	M92A	N133A	N137B			RIGID	None	None	RIGID	Typical
93	M93	N134A	N138B			RIGID	None	None	RIGID	Typical
94	M94A	N135A	N139B			RIGID	None	None	RIGID	Typical
95	M95A	N142A	N141A			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
96	M96A	N143A	N147			RIGID	None	None	RIGID	Typical
97	M97A	N144A	N148			RIGID	None	None	RIGID	Typical
98	M98A	N145	N149			RIGID	None	None	RIGID	Typical
99	M99	N146A	N150			RIGID	None	None	RIGID	Typical
100	MP1B	N154	N158			Mount Pipe	Column	Wide Flange	A53 Gr.B	Typical
101	MP2B	N153	N157			Mount Pipe	Column	Wide Flange	A53 Gr.B	Typical
102	MP3B	N152	N156			Mount Pipe	Column	Wide Flange	A53 Gr.B	Typical
103	MP4B	N151	N155			Mount Pipe	Column	Wide Flange	A53 Gr.B	Typical
104	M104	N160	N159			Suport Rail	Column	Pipe	A53 Gr.B	Typical
105	M105	N161	N165			RIGID	None	None	RIGID	Typical
106	M106	N162	N166			RIGID	None	None	RIGID	Typical
107	M107	N163	N167			RIGID	None	None	RIGID	Typical
108	M108	N164	N168			RIGID	None	None	RIGID	Typical
109	M109	N184A	N183A		90	Support Rail Corner	Column	Single Angle	A36 Gr.36	Typical
110	M112	N173	N174			RIGID	None	None	RIGID	Typical
111	M181	N175A	N176A			Mount Pipe	Column	Wide Flange	A53 Gr.B	Typical
112	M114	N177	N178			Kicker Support	Column	Double Angle ...	A36 Gr.36	Typical
113	M115	N181	N182			Kicker Support	Column	Double Angle ...	A36 Gr.36	Typical
114	M116	N183	N184			Kicker Support	Column	Double Angle ...	A36 Gr.36	Typical
115	M117	N183A	N176			RIGID	None	None	RIGID	Typical
116	M118	N184A	N167A			RIGID	None	None	RIGID	Typical
117	M117A	N189	N188		90	Support Rail Corner	Column	Single Angle	A36 Gr.36	Typical
118	M118A	N188	N168A			RIGID	None	None	RIGID	Typical
119	M119	N189	N171			RIGID	None	None	RIGID	Typical
120	M120	N191	N190		90	Support Rail Corner	Column	Single Angle	A36 Gr.36	Typical
121	M121	N190	N172			RIGID	None	None	RIGID	Typical
122	M122	N191	N175			RIGID	None	None	RIGID	Typical
123	M123	N189A	N190A			RIGID	None	None	RIGID	Typical
124	MP4C	N191A	N192			Mount Pipe	Column	Wide Flange	A53 Gr.B	Typical
125	M125	N193	N194			RIGID	None	None	RIGID	Typical

Member Advanced Data

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rati...	A...	Inactive	Seismic ...
1	M20						Yes				None
2	M34A						Yes	** NA **			None
3	M35B						Yes	** NA **			None
4	M36B						Yes	** NA **			None
5	M37						Yes	** NA **			None
6	MP1A						Yes	** NA **			None
7	MP2A						Yes	** NA **			None
8	MP3A						Yes	** NA **			None
9	MP4A						Yes	** NA **			None
10	M72A						Yes	Default			None
11	M73						Yes				None
12	M74						Yes				None
13	M75						Yes				None
14	M76						Yes	** NA **			None
15	M77						Yes	** NA **			None
16	M78	OOOOOX	OOOOOX				Yes				None
17	M79	OOOOOX	OOOOOX				Yes				None
18	M80						Yes	** NA **			None
19	M81						Yes	** NA **			None
20	M82						Yes	** NA **			None
21	M83						Yes	** NA **			None
22	M84						Yes	** NA **			None
23	M85						Yes	** NA **			None
24	M86A		BenPIN				Yes	** NA **			None
25	M87A						Yes				None
26	M88		BenPIN				Yes	** NA **			None
27	M89A						Yes	** NA **			None
28	M90A						Yes	** NA **			None
29	M91		BenPIN				Yes	** NA **			None
30	M92						Yes				None
31	M93A		BenPIN				Yes	** NA **			None
32	M94						Yes	** NA **			None
33	M95						Yes	** NA **			None
34	M96						Yes	** NA **			None
35	M97						Yes	** NA **			None
36	M98						Yes	** NA **			None
37	M37A						Yes	Default			None
38	M38						Yes				None
39	M39						Yes				None
40	M40						Yes				None
41	M41						Yes	** NA **			None
42	M42						Yes	** NA **			None
43	M43	OOOOOX	OOOOOX				Yes				None
44	M44	OOOOOX	OOOOOX				Yes				None
45	M45						Yes	** NA **			None
46	M46						Yes	** NA **			None
47	M47						Yes	** NA **			None
48	M48						Yes	** NA **			None
49	M49						Yes	** NA **			None
50	M50						Yes	** NA **			None
51	M51		BenPIN				Yes	** NA **			None
52	M52						Yes				None
53	M53		BenPIN				Yes	** NA **			None
54	M54						Yes	** NA **			None
55	M55						Yes	** NA **			None
56	M56		BenPIN				Yes	** NA **			None

Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rati...	A...	Inactive	Seismic ...
57	M57						Yes				None
58	M58		BenPIN				Yes	** NA **			None
59	M59						Yes	Default			None
60	M60						Yes				None
61	M61						Yes				None
62	M62						Yes				None
63	M63						Yes	** NA **			None
64	M64						Yes	** NA **			None
65	M65	OOOOOX	OOOOOX				Yes				None
66	M66	OOOOOX	OOOOOX				Yes				None
67	M67						Yes	** NA **			None
68	M68						Yes	** NA **			None
69	M69						Yes	** NA **			None
70	M70						Yes	** NA **			None
71	M71						Yes	** NA **			None
72	M72						Yes	** NA **			None
73	M73A		BenPIN				Yes	** NA **			None
74	M74A						Yes				None
75	M75A		BenPIN				Yes	** NA **			None
76	M76A						Yes	** NA **			None
77	M77A						Yes	** NA **			None
78	M78A		BenPIN				Yes	** NA **			None
79	M79A						Yes				None
80	M80A		BenPIN				Yes	** NA **			None
81	M81A						Yes				None
82	M82A						Yes	** NA **			None
83	M83A						Yes	** NA **			None
84	M84A						Yes	** NA **			None
85	M85A						Yes	** NA **			None
86	MP1C						Yes	** NA **			None
87	MP2C						Yes	** NA **			None
88	MP3C						Yes	** NA **			None
89	MP5C						Yes	** NA **			None
90	M90						Yes	** NA **			None
91	M91A						Yes	** NA **			None
92	M92A						Yes	** NA **			None
93	M93						Yes	** NA **			None
94	M94A						Yes	** NA **			None
95	M95A						Yes				None
96	M96A						Yes	** NA **			None
97	M97A						Yes	** NA **			None
98	M98A						Yes	** NA **			None
99	M99						Yes	** NA **			None
100	MP1B						Yes	** NA **			None
101	MP2B						Yes	** NA **			None
102	MP3B						Yes	** NA **			None
103	MP4B						Yes	** NA **			None
104	M104						Yes	** NA **			None
105	M105						Yes	** NA **			None
106	M106						Yes	** NA **			None
107	M107						Yes	** NA **			None
108	M108						Yes	** NA **			None
109	M109						Yes	** NA **			None
110	M112						Yes	** NA **			None
111	M181						Yes	** NA **			None
112	M114	BenPIN	BenPIN				Yes	** NA **			None
113	M115	BenPIN	BenPIN				Yes	** NA **			None

Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rati...A...		Inactive	Seismic ...
114	M116	BenPIN	BenPIN				Yes	** NA **			None
115	M117		OOOOOO				Yes	** NA **			None
116	M118		OOOOOO				Yes	** NA **			None
117	M117A						Yes	** NA **			None
118	M118A		OOOOOO				Yes	** NA **			None
119	M119		OOOOOO				Yes	** NA **			None
120	M120						Yes	** NA **			None
121	M121		OOOOOO				Yes	** NA **			None
122	M122		OOOOOO				Yes	** NA **			None
123	M123						Yes	** NA **			None
124	MP4C						Yes	** NA **			None
125	M125						Yes	** NA **			None

Member Point Loads (BLC 1 : Antenna D)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	Y	-61.07	1
2	MP4A	My	-.013	1
3	MP4A	Mz	.069	1
4	MP4A	Y	-61.07	5
5	MP4A	My	-.013	5
6	MP4A	Mz	.069	5
7	MP4A	Y	-61.07	1
8	MP4A	My	-.046	1
9	MP4A	Mz	-.054	1
10	MP4A	Y	-61.07	5
11	MP4A	My	-.046	5
12	MP4A	Mz	-.054	5
13	MP5C	Y	-61.07	1
14	MP5C	My	.045	1
15	MP5C	Mz	.055	1
16	MP5C	Y	-61.07	5
17	MP5C	My	.045	5
18	MP5C	Mz	.055	5
19	MP5C	Y	-61.07	1
20	MP5C	My	-.071	1
21	MP5C	Mz	.000789	1
22	MP5C	Y	-61.07	5
23	MP5C	My	-.071	5
24	MP5C	Mz	.000789	5
25	MP2B	Y	-21.85	1
26	MP2B	My	-.001	1
27	MP2B	Mz	-.015	1
28	MP2B	Y	-21.85	5
29	MP2B	My	-.001	5
30	MP2B	Mz	-.015	5
31	MP2B	Y	-21.85	1
32	MP2B	My	.015	1
33	MP2B	Mz	-.001	1
34	MP2B	Y	-21.85	5
35	MP2B	My	.015	5
36	MP2B	Mz	-.001	5
37	MP1C	Y	-61.5	1
38	MP1C	My	.055	1
39	MP1C	Mz	-.006	1
40	MP1C	Y	-61.5	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
41	MP1C	My	.055	5
42	MP1C	Mz	-.006	5
43	MP1C	Y	-61.5	1
44	MP1C	My	-.016	1
45	MP1C	Mz	.053	1
46	MP1C	Y	-61.5	5
47	MP1C	My	-.016	5
48	MP1C	Mz	.053	5
49	MP1B	Y	-84.4	4
50	MP1B	My	-.027	4
51	MP1B	Mz	.032	4
52	MP2C	Y	-84.4	4
53	MP2C	My	-.027	4
54	MP2C	Mz	-.032	4
55	MP3A	Y	-84.4	4
56	MP3A	My	.041	4
57	MP3A	Mz	-.011	4
58	MP4C	Y	-84.4	4
59	MP4C	My	-.027	4
60	MP4C	Mz	-.032	4
61	MP1A	Y	-70.3	4
62	MP1A	My	.034	4
63	MP1A	Mz	-.009	4
64	MP1C	Y	-70.3	4
65	MP1C	My	-.023	4
66	MP1C	Mz	-.027	4
67	MP2B	Y	-70.3	4
68	MP2B	My	-.023	4
69	MP2B	Mz	.027	4
70	MP4A	Y	-70.3	4
71	MP4A	My	.034	4
72	MP4A	Mz	-.009	4
73	MP2A	Y	-43.55	2.5
74	MP2A	My	-.015	2.5
75	MP2A	Mz	.015	2.5
76	MP2A	Y	-43.55	3.5
77	MP2A	My	-.015	3.5
78	MP2A	Mz	.015	3.5
79	MP3C	Y	-43.55	2.5
80	MP3C	My	.014	2.5
81	MP3C	Mz	.017	2.5
82	MP3C	Y	-43.55	3.5
83	MP3C	My	.014	3.5
84	MP3C	Mz	.017	3.5
85	MP4B	Y	-43.55	2.5
86	MP4B	My	.014	2.5
87	MP4B	Mz	-.017	2.5
88	MP4B	Y	-43.55	3.5
89	MP4B	My	.014	3.5
90	MP4B	Mz	-.017	3.5
91	M181	Y	-32	2
92	M181	My	0	2
93	M181	Mz	0	2

Member Point Loads (BLC 2 : Antenna Di)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	Y	-107.238	1
2	MP4A	My	-.023	1
3	MP4A	Mz	.122	1
4	MP4A	Y	-107.238	5
5	MP4A	My	-.023	5
6	MP4A	Mz	.122	5
7	MP4A	Y	-107.238	1
8	MP4A	My	-.081	1
9	MP4A	Mz	-.094	1
10	MP4A	Y	-107.238	5
11	MP4A	My	-.081	5
12	MP4A	Mz	-.094	5
13	MP5C	Y	-107.238	1
14	MP5C	My	.079	1
15	MP5C	Mz	.096	1
16	MP5C	Y	-107.238	5
17	MP5C	My	.079	5
18	MP5C	Mz	.096	5
19	MP5C	Y	-107.238	1
20	MP5C	My	-.124	1
21	MP5C	Mz	.001	1
22	MP5C	Y	-107.238	5
23	MP5C	My	-.124	5
24	MP5C	Mz	.001	5
25	MP2B	Y	-59.655	1
26	MP2B	My	-.004	1
27	MP2B	Mz	-.042	1
28	MP2B	Y	-59.655	5
29	MP2B	My	-.004	5
30	MP2B	Mz	-.042	5
31	MP2B	Y	-59.655	1
32	MP2B	My	.042	1
33	MP2B	Mz	-.004	1
34	MP2B	Y	-59.655	5
35	MP2B	My	.042	5
36	MP2B	Mz	-.004	5
37	MP1C	Y	-77.51	1
38	MP1C	My	.069	1
39	MP1C	Mz	-.008	1
40	MP1C	Y	-77.51	5
41	MP1C	My	.069	5
42	MP1C	Mz	-.008	5
43	MP1C	Y	-77.51	1
44	MP1C	My	-.02	1
45	MP1C	Mz	.067	1
46	MP1C	Y	-77.51	5
47	MP1C	My	-.02	5
48	MP1C	Mz	.067	5
49	MP1B	Y	-44.126	4
50	MP1B	My	-.014	4
51	MP1B	Mz	.017	4
52	MP2C	Y	-44.126	4
53	MP2C	My	-.014	4
54	MP2C	Mz	-.017	4
55	MP3A	Y	-44.126	4
56	MP3A	My	.021	4
57	MP3A	Mz	-.006	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP4C	Y	-44.126	4
59	MP4C	My	-.014	4
60	MP4C	Mz	-.017	4
61	MP1A	Y	-39.678	4
62	MP1A	My	.019	4
63	MP1A	Mz	-.005	4
64	MP1C	Y	-39.678	4
65	MP1C	My	-.013	4
66	MP1C	Mz	-.015	4
67	MP2B	Y	-39.678	4
68	MP2B	My	-.013	4
69	MP2B	Mz	.015	4
70	MP4A	Y	-39.678	4
71	MP4A	My	.019	4
72	MP4A	Mz	-.005	4
73	MP2A	Y	-35.058	2.5
74	MP2A	My	-.012	2.5
75	MP2A	Mz	.012	2.5
76	MP2A	Y	-35.058	3.5
77	MP2A	My	-.012	3.5
78	MP2A	Mz	.012	3.5
79	MP3C	Y	-35.058	2.5
80	MP3C	My	.011	2.5
81	MP3C	Mz	.013	2.5
82	MP3C	Y	-35.058	3.5
83	MP3C	My	.011	3.5
84	MP3C	Mz	.013	3.5
85	MP4B	Y	-35.058	2.5
86	MP4B	My	.011	2.5
87	MP4B	Mz	-.013	2.5
88	MP4B	Y	-35.058	3.5
89	MP4B	My	.011	3.5
90	MP4B	Mz	-.013	3.5
91	M181	Y	-86.444	2
92	M181	My	0	2
93	M181	Mz	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	0	1
2	MP4A	Z	-276.777	1
3	MP4A	Mx	-.314	1
4	MP4A	X	0	5
5	MP4A	Z	-276.777	5
6	MP4A	Mx	-.314	5
7	MP4A	X	0	1
8	MP4A	Z	-276.777	1
9	MP4A	Mx	.243	1
10	MP4A	X	0	5
11	MP4A	Z	-276.777	5
12	MP4A	Mx	.243	5
13	MP5C	X	0	1
14	MP5C	Z	-153.172	1
15	MP5C	Mx	-.137	1
16	MP5C	X	0	5
17	MP5C	Z	-153.172	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
18	MP5C	Mx	-.137	5
19	MP5C	X	0	1
20	MP5C	Z	-153.172	1
21	MP5C	Mx	-.002	1
22	MP5C	X	0	5
23	MP5C	Z	-153.172	5
24	MP5C	Mx	-.002	5
25	MP2B	X	0	1
26	MP2B	Z	-121.503	1
27	MP2B	Mx	.086	1
28	MP2B	X	0	5
29	MP2B	Z	-121.503	5
30	MP2B	Mx	.086	5
31	MP2B	X	0	1
32	MP2B	Z	-121.503	1
33	MP2B	Mx	.007	1
34	MP2B	X	0	5
35	MP2B	Z	-121.503	5
36	MP2B	Mx	.007	5
37	MP1C	X	0	1
38	MP1C	Z	-146.609	1
39	MP1C	Mx	.015	1
40	MP1C	X	0	5
41	MP1C	Z	-146.609	5
42	MP1C	Mx	.015	5
43	MP1C	X	0	1
44	MP1C	Z	-146.609	1
45	MP1C	Mx	-.127	1
46	MP1C	X	0	5
47	MP1C	Z	-146.609	5
48	MP1C	Mx	-.127	5
49	MP1B	X	0	4
50	MP1B	Z	-56.394	4
51	MP1B	Mx	-.022	4
52	MP2C	X	0	4
53	MP2C	Z	-56.394	4
54	MP2C	Mx	.022	4
55	MP3A	X	0	4
56	MP3A	Z	-68.461	4
57	MP3A	Mx	.009	4
58	MP4C	X	0	4
59	MP4C	Z	-56.394	4
60	MP4C	Mx	.022	4
61	MP1A	X	0	4
62	MP1A	Z	-67.865	4
63	MP1A	Mx	.009	4
64	MP1C	X	0	4
65	MP1C	Z	-51.175	4
66	MP1C	Mx	.02	4
67	MP2B	X	0	4
68	MP2B	Z	-51.175	4
69	MP2B	Mx	-.02	4
70	MP4A	X	0	4
71	MP4A	Z	-67.865	4
72	MP4A	Mx	.009	4
73	MP2A	X	0	2.5
74	MP2A	Z	-61.38	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
75	MP2A	Mx	-.022	2.5
76	MP2A	X	0	3.5
77	MP2A	Z	-61.38	3.5
78	MP2A	Mx	-.022	3.5
79	MP3C	X	0	2.5
80	MP3C	Z	-56.719	2.5
81	MP3C	Mx	-.022	2.5
82	MP3C	X	0	3.5
83	MP3C	Z	-56.719	3.5
84	MP3C	Mx	-.022	3.5
85	MP4B	X	0	2.5
86	MP4B	Z	-56.719	2.5
87	MP4B	Mx	.022	2.5
88	MP4B	X	0	3.5
89	MP4B	Z	-56.719	3.5
90	MP4B	Mx	.022	3.5
91	M181	X	0	2
92	M181	Z	-147.798	2
93	M181	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	102.915	1
2	MP4A	Z	-178.254	1
3	MP4A	Mx	-.224	1
4	MP4A	X	102.915	5
5	MP4A	Z	-178.254	5
6	MP4A	Mx	-.224	5
7	MP4A	X	102.915	1
8	MP4A	Z	-178.254	1
9	MP4A	Mx	.079	1
10	MP4A	X	102.915	5
11	MP4A	Z	-178.254	5
12	MP4A	Mx	.079	5
13	MP5C	X	62.577	1
14	MP5C	Z	-108.386	1
15	MP5C	Mx	-.051	1
16	MP5C	X	62.577	5
17	MP5C	Z	-108.386	5
18	MP5C	Mx	-.051	5
19	MP5C	X	62.577	1
20	MP5C	Z	-108.386	1
21	MP5C	Mx	-.074	1
22	MP5C	X	62.577	5
23	MP5C	Z	-108.386	5
24	MP5C	Mx	-.074	5
25	MP2B	X	50.908	1
26	MP2B	Z	-88.175	1
27	MP2B	Mx	.059	1
28	MP2B	X	50.908	5
29	MP2B	Z	-88.175	5
30	MP2B	Mx	.059	5
31	MP2B	X	50.908	1
32	MP2B	Z	-88.175	1
33	MP2B	Mx	.041	1
34	MP2B	X	50.908	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
35	MP2B	Z	-88.175	5
36	MP2B	Mx	.041	5
37	MP1C	X	100.277	1
38	MP1C	Z	-173.684	1
39	MP1C	Mx	.107	1
40	MP1C	X	100.277	5
41	MP1C	Z	-173.684	5
42	MP1C	Mx	.107	5
43	MP1C	X	100.277	1
44	MP1C	Z	-173.684	1
45	MP1C	Mx	-.176	1
46	MP1C	X	100.277	5
47	MP1C	Z	-173.684	5
48	MP1C	Mx	-.176	5
49	MP1B	X	23.751	4
50	MP1B	Z	-41.138	4
51	MP1B	Mx	-.023	4
52	MP2C	X	33.65	4
53	MP2C	Z	-58.284	4
54	MP2C	Mx	.012	4
55	MP3A	X	29.205	4
56	MP3A	Z	-50.584	4
57	MP3A	Mx	.021	4
58	MP4C	X	33.65	4
59	MP4C	Z	-58.284	4
60	MP4C	Mx	.012	4
61	MP1A	X	26.981	4
62	MP1A	Z	-46.733	4
63	MP1A	Mx	.019	4
64	MP1C	X	33.13	4
65	MP1C	Z	-57.383	4
66	MP1C	Mx	.011	4
67	MP2B	X	19.439	4
68	MP2B	Z	-33.669	4
69	MP2B	Mx	-.019	4
70	MP4A	X	26.981	4
71	MP4A	Z	-46.733	4
72	MP4A	Mx	.019	4
73	MP2A	X	19.067	2.5
74	MP2A	Z	-33.026	2.5
75	MP2A	Mx	-.018	2.5
76	MP2A	X	19.067	3.5
77	MP2A	Z	-33.026	3.5
78	MP2A	Mx	-.018	3.5
79	MP3C	X	40.971	2.5
80	MP3C	Z	-70.964	2.5
81	MP3C	Mx	-.014	2.5
82	MP3C	X	40.971	3.5
83	MP3C	Z	-70.964	3.5
84	MP3C	Mx	-.014	3.5
85	MP4B	X	18.079	2.5
86	MP4B	Z	-31.313	2.5
87	MP4B	Mx	.018	2.5
88	MP4B	X	18.079	3.5
89	MP4B	Z	-31.313	3.5
90	MP4B	Mx	.018	3.5
91	M181	X	65.433	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
92	M181	Z	-113.333	2
93	M181	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	116.813	1
2	MP4A	Z	-67.442	1
3	MP4A	Mx	-.102	1
4	MP4A	X	116.813	5
5	MP4A	Z	-67.442	5
6	MP4A	Mx	-.102	5
7	MP4A	X	116.813	1
8	MP4A	Z	-67.442	1
9	MP4A	Mx	-.029	1
10	MP4A	X	116.813	5
11	MP4A	Z	-67.442	5
12	MP4A	Mx	-.029	5
13	MP5C	X	153.989	1
14	MP5C	Z	-88.906	1
15	MP5C	Mx	.033	1
16	MP5C	X	153.989	5
17	MP5C	Z	-88.906	5
18	MP5C	Mx	.033	5
19	MP5C	X	153.989	1
20	MP5C	Z	-88.906	1
21	MP5C	Mx	-.179	1
22	MP5C	X	153.989	5
23	MP5C	Z	-88.906	5
24	MP5C	Mx	-.179	5
25	MP2B	X	92.04	1
26	MP2B	Z	-53.139	1
27	MP2B	Mx	.032	1
28	MP2B	X	92.04	5
29	MP2B	Z	-53.139	5
30	MP2B	Mx	.032	5
31	MP2B	X	92.04	1
32	MP2B	Z	-53.139	1
33	MP2B	Mx	.068	1
34	MP2B	X	92.04	5
35	MP2B	Z	-53.139	5
36	MP2B	Mx	.068	5
37	MP1C	X	182.317	1
38	MP1C	Z	-105.261	1
39	MP1C	Mx	.174	1
40	MP1C	X	182.317	5
41	MP1C	Z	-105.261	5
42	MP1C	Mx	.174	5
43	MP1C	X	182.317	1
44	MP1C	Z	-105.261	1
45	MP1C	Mx	-.137	1
46	MP1C	X	182.317	5
47	MP1C	Z	-105.261	5
48	MP1C	Mx	-.137	5
49	MP1B	X	42.884	4
50	MP1B	Z	-24.759	4
51	MP1B	Mx	-.023	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
52	MP2C	X	60.03	4
53	MP2C	Z	-34.658	4
54	MP2C	Mx	-.006	4
55	MP3A	X	41.879	4
56	MP3A	Z	-24.179	4
57	MP3A	Mx	.023	4
58	MP4C	X	60.03	4
59	MP4C	Z	-34.658	4
60	MP4C	Mx	-.006	4
61	MP1A	X	34.693	4
62	MP1A	Z	-20.03	4
63	MP1A	Mx	.019	4
64	MP1C	X	59.797	4
65	MP1C	Z	-34.524	4
66	MP1C	Mx	-.006	4
67	MP2B	X	36.083	4
68	MP2B	Z	-20.833	4
69	MP2B	Mx	-.02	4
70	MP4A	X	34.693	4
71	MP4A	Z	-20.03	4
72	MP4A	Mx	.019	4
73	MP2A	X	33.026	2.5
74	MP2A	Z	-19.067	2.5
75	MP2A	Mx	-.018	2.5
76	MP2A	X	33.026	3.5
77	MP2A	Z	-19.067	3.5
78	MP2A	Mx	-.018	3.5
79	MP3C	X	75	2.5
80	MP3C	Z	-43.301	2.5
81	MP3C	Mx	.008	2.5
82	MP3C	X	75	3.5
83	MP3C	Z	-43.301	3.5
84	MP3C	Mx	.008	3.5
85	MP4B	X	35.35	2.5
86	MP4B	Z	-20.409	2.5
87	MP4B	Mx	.019	2.5
88	MP4B	X	35.35	3.5
89	MP4B	Z	-20.409	3.5
90	MP4B	Mx	.019	3.5
91	M181	X	101.379	2
92	M181	Z	-58.531	2
93	M181	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	134.884	1
2	MP4A	Z	0	1
3	MP4A	Mx	-.029	1
4	MP4A	X	134.884	5
5	MP4A	Z	0	5
6	MP4A	Mx	-.029	5
7	MP4A	X	134.884	1
8	MP4A	Z	0	1
9	MP4A	Mx	-.102	1
10	MP4A	X	134.884	5
11	MP4A	Z	0	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
12	MP4A	Mx	-.102	5
13	MP5C	X	258.489	1
14	MP5C	Z	0	1
15	MP5C	Mx	.189	1
16	MP5C	X	258.489	5
17	MP5C	Z	0	5
18	MP5C	Mx	.189	5
19	MP5C	X	258.489	1
20	MP5C	Z	0	1
21	MP5C	Mx	-.299	1
22	MP5C	X	258.489	5
23	MP5C	Z	0	5
24	MP5C	Mx	-.299	5
25	MP2B	X	130.429	1
26	MP2B	Z	0	1
27	MP2B	Mx	-.008	1
28	MP2B	X	130.429	5
29	MP2B	Z	0	5
30	MP2B	Mx	-.008	5
31	MP2B	X	130.429	1
32	MP2B	Z	0	1
33	MP2B	Mx	.092	1
34	MP2B	X	130.429	5
35	MP2B	Z	0	5
36	MP2B	Mx	.092	5
37	MP1C	X	166.546	1
38	MP1C	Z	0	1
39	MP1C	Mx	.149	1
40	MP1C	X	166.546	5
41	MP1C	Z	0	5
42	MP1C	Mx	.149	5
43	MP1C	X	166.546	1
44	MP1C	Z	0	1
45	MP1C	Mx	-.042	1
46	MP1C	X	166.546	5
47	MP1C	Z	0	5
48	MP1C	Mx	-.042	5
49	MP1B	X	60.425	4
50	MP1B	Z	0	4
51	MP1B	Mx	-.019	4
52	MP2C	X	60.425	4
53	MP2C	Z	0	4
54	MP2C	Mx	-.019	4
55	MP3A	X	48.357	4
56	MP3A	Z	0	4
57	MP3A	Mx	.023	4
58	MP4C	X	60.425	4
59	MP4C	Z	0	4
60	MP4C	Mx	-.019	4
61	MP1A	X	40.061	4
62	MP1A	Z	0	4
63	MP1A	Mx	.019	4
64	MP1C	X	56.751	4
65	MP1C	Z	0	4
66	MP1C	Mx	-.018	4
67	MP2B	X	56.751	4
68	MP2B	Z	0	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
69	MP2B	Mx	-.018	4
70	MP4A	X	40.061	4
71	MP4A	Z	0	4
72	MP4A	Mx	.019	4
73	MP2A	X	61.38	2.5
74	MP2A	Z	0	2.5
75	MP2A	Mx	-.022	2.5
76	MP2A	X	61.38	3.5
77	MP2A	Z	0	3.5
78	MP2A	Mx	-.022	3.5
79	MP3C	X	66.041	2.5
80	MP3C	Z	0	2.5
81	MP3C	Mx	.021	2.5
82	MP3C	X	66.041	3.5
83	MP3C	Z	0	3.5
84	MP3C	Mx	.021	3.5
85	MP4B	X	66.041	2.5
86	MP4B	Z	0	2.5
87	MP4B	Mx	.021	2.5
88	MP4B	X	66.041	3.5
89	MP4B	Z	0	3.5
90	MP4B	Mx	.021	3.5
91	M181	X	120.191	2
92	M181	Z	0	2
93	M181	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	178.254	1
2	MP4A	Z	102.915	1
3	MP4A	Mx	.079	1
4	MP4A	X	178.254	5
5	MP4A	Z	102.915	5
6	MP4A	Mx	.079	5
7	MP4A	X	178.254	1
8	MP4A	Z	102.915	1
9	MP4A	Mx	-.224	1
10	MP4A	X	178.254	5
11	MP4A	Z	102.915	5
12	MP4A	Mx	-.224	5
13	MP5C	X	248.123	1
14	MP5C	Z	143.254	1
15	MP5C	Mx	.31	1
16	MP5C	X	248.123	5
17	MP5C	Z	143.254	5
18	MP5C	Mx	.31	5
19	MP5C	X	248.123	1
20	MP5C	Z	143.254	1
21	MP5C	Mx	-.285	1
22	MP5C	X	248.123	5
23	MP5C	Z	143.254	5
24	MP5C	Mx	-.285	5
25	MP2B	X	130.004	1
26	MP2B	Z	75.058	1
27	MP2B	Mx	-.061	1
28	MP2B	X	130.004	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
29	MP2B	Z	75.058	5
30	MP2B	Mx	-.061	5
31	MP2B	X	130.004	1
32	MP2B	Z	75.058	1
33	MP2B	Mx	.087	1
34	MP2B	X	130.004	5
35	MP2B	Z	75.058	5
36	MP2B	Mx	.087	5
37	MP1C	X	97.516	1
38	MP1C	Z	56.301	1
39	MP1C	Mx	.082	1
40	MP1C	X	97.516	5
41	MP1C	Z	56.301	5
42	MP1C	Mx	.082	5
43	MP1C	X	97.516	1
44	MP1C	Z	56.301	1
45	MP1C	Mx	.024	1
46	MP1C	X	97.516	5
47	MP1C	Z	56.301	5
48	MP1C	Mx	.024	5
49	MP1B	X	60.03	4
50	MP1B	Z	34.658	4
51	MP1B	Mx	-.006	4
52	MP2C	X	42.884	4
53	MP2C	Z	24.759	4
54	MP2C	Mx	-.023	4
55	MP3A	X	50.584	4
56	MP3A	Z	29.205	4
57	MP3A	Mx	.021	4
58	MP4C	X	42.884	4
59	MP4C	Z	24.759	4
60	MP4C	Mx	-.023	4
61	MP1A	X	46.733	4
62	MP1A	Z	26.981	4
63	MP1A	Mx	.019	4
64	MP1C	X	36.083	4
65	MP1C	Z	20.833	4
66	MP1C	Mx	-.02	4
67	MP2B	X	59.797	4
68	MP2B	Z	34.524	4
69	MP2B	Mx	-.006	4
70	MP4A	X	46.733	4
71	MP4A	Z	26.981	4
72	MP4A	Mx	.019	4
73	MP2A	X	73.288	2.5
74	MP2A	Z	42.313	2.5
75	MP2A	Mx	-.011	2.5
76	MP2A	X	73.288	3.5
77	MP2A	Z	42.313	3.5
78	MP2A	Mx	-.011	3.5
79	MP3C	X	35.35	2.5
80	MP3C	Z	20.409	2.5
81	MP3C	Mx	.019	2.5
82	MP3C	X	35.35	3.5
83	MP3C	Z	20.409	3.5
84	MP3C	Mx	.019	3.5
85	MP4B	X	75	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
86	MP4B	Z	43.301	2.5
87	MP4B	Mx	.008	2.5
88	MP4B	X	75	3.5
89	MP4B	Z	43.301	3.5
90	MP4B	Mx	.008	3.5
91	M181	X	118.753	2
92	M181	Z	68.562	2
93	M181	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	138.388	1
2	MP4A	Z	239.696	1
3	MP4A	Mx	.243	1
4	MP4A	X	138.388	5
5	MP4A	Z	239.696	5
6	MP4A	Mx	.243	5
7	MP4A	X	138.388	1
8	MP4A	Z	239.696	1
9	MP4A	Mx	-.314	1
10	MP4A	X	138.388	5
11	MP4A	Z	239.696	5
12	MP4A	Mx	-.314	5
13	MP5C	X	116.925	1
14	MP5C	Z	202.519	1
15	MP5C	Mx	.267	1
16	MP5C	X	116.925	5
17	MP5C	Z	202.519	5
18	MP5C	Mx	.267	5
19	MP5C	X	116.925	1
20	MP5C	Z	202.519	1
21	MP5C	Mx	-.132	1
22	MP5C	X	116.925	5
23	MP5C	Z	202.519	5
24	MP5C	Mx	-.132	5
25	MP2B	X	72.827	1
26	MP2B	Z	126.139	1
27	MP2B	Mx	-.093	1
28	MP2B	X	72.827	5
29	MP2B	Z	126.139	5
30	MP2B	Mx	-.093	5
31	MP2B	X	72.827	1
32	MP2B	Z	126.139	1
33	MP2B	Mx	.044	1
34	MP2B	X	72.827	5
35	MP2B	Z	126.139	5
36	MP2B	Mx	.044	5
37	MP1C	X	51.316	1
38	MP1C	Z	88.883	1
39	MP1C	Mx	.037	1
40	MP1C	X	51.316	5
41	MP1C	Z	88.883	5
42	MP1C	Mx	.037	5
43	MP1C	X	51.316	1
44	MP1C	Z	88.883	1
45	MP1C	Mx	.064	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
46	MP1C	X	51.316	5
47	MP1C	Z	88.883	5
48	MP1C	Mx	.064	5
49	MP1B	X	33.65	4
50	MP1B	Z	58.284	4
51	MP1B	Mx	.012	4
52	MP2C	X	23.751	4
53	MP2C	Z	41.138	4
54	MP2C	Mx	-.023	4
55	MP3A	X	34.231	4
56	MP3A	Z	59.289	4
57	MP3A	Mx	.009	4
58	MP4C	X	23.751	4
59	MP4C	Z	41.138	4
60	MP4C	Mx	-.023	4
61	MP1A	X	33.933	4
62	MP1A	Z	58.773	4
63	MP1A	Mx	.009	4
64	MP1C	X	19.439	4
65	MP1C	Z	33.669	4
66	MP1C	Mx	-.019	4
67	MP2B	X	33.13	4
68	MP2B	Z	57.383	4
69	MP2B	Mx	.011	4
70	MP4A	X	33.933	4
71	MP4A	Z	58.773	4
72	MP4A	Mx	.009	4
73	MP2A	X	42.313	2.5
74	MP2A	Z	73.288	2.5
75	MP2A	Mx	.011	2.5
76	MP2A	X	42.313	3.5
77	MP2A	Z	73.288	3.5
78	MP2A	Mx	.011	3.5
79	MP3C	X	18.079	2.5
80	MP3C	Z	31.313	2.5
81	MP3C	Mx	.018	2.5
82	MP3C	X	18.079	3.5
83	MP3C	Z	31.313	3.5
84	MP3C	Mx	.018	3.5
85	MP4B	X	40.971	2.5
86	MP4B	Z	70.964	2.5
87	MP4B	Mx	-.014	2.5
88	MP4B	X	40.971	3.5
89	MP4B	Z	70.964	3.5
90	MP4B	Mx	-.014	3.5
91	M181	X	75.463	2
92	M181	Z	130.707	2
93	M181	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	0	1
2	MP4A	Z	276.777	1
3	MP4A	Mx	.314	1
4	MP4A	X	0	5
5	MP4A	Z	276.777	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
6	MP4A	Mx	.314	5
7	MP4A	X	0	1
8	MP4A	Z	276.777	1
9	MP4A	Mx	-.243	1
10	MP4A	X	0	5
11	MP4A	Z	276.777	5
12	MP4A	Mx	-.243	5
13	MP5C	X	0	1
14	MP5C	Z	153.172	1
15	MP5C	Mx	.137	1
16	MP5C	X	0	5
17	MP5C	Z	153.172	5
18	MP5C	Mx	.137	5
19	MP5C	X	0	1
20	MP5C	Z	153.172	1
21	MP5C	Mx	.002	1
22	MP5C	X	0	5
23	MP5C	Z	153.172	5
24	MP5C	Mx	.002	5
25	MP2B	X	0	1
26	MP2B	Z	121.503	1
27	MP2B	Mx	-.086	1
28	MP2B	X	0	5
29	MP2B	Z	121.503	5
30	MP2B	Mx	-.086	5
31	MP2B	X	0	1
32	MP2B	Z	121.503	1
33	MP2B	Mx	-.007	1
34	MP2B	X	0	5
35	MP2B	Z	121.503	5
36	MP2B	Mx	-.007	5
37	MP1C	X	0	1
38	MP1C	Z	146.609	1
39	MP1C	Mx	-.015	1
40	MP1C	X	0	5
41	MP1C	Z	146.609	5
42	MP1C	Mx	-.015	5
43	MP1C	X	0	1
44	MP1C	Z	146.609	1
45	MP1C	Mx	.127	1
46	MP1C	X	0	5
47	MP1C	Z	146.609	5
48	MP1C	Mx	.127	5
49	MP1B	X	0	4
50	MP1B	Z	56.394	4
51	MP1B	Mx	.022	4
52	MP2C	X	0	4
53	MP2C	Z	56.394	4
54	MP2C	Mx	-.022	4
55	MP3A	X	0	4
56	MP3A	Z	68.461	4
57	MP3A	Mx	-.009	4
58	MP4C	X	0	4
59	MP4C	Z	56.394	4
60	MP4C	Mx	-.022	4
61	MP1A	X	0	4
62	MP1A	Z	67.865	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
63	MP1A	Mx	-.009	4
64	MP1C	X	0	4
65	MP1C	Z	51.175	4
66	MP1C	Mx	-.02	4
67	MP2B	X	0	4
68	MP2B	Z	51.175	4
69	MP2B	Mx	.02	4
70	MP4A	X	0	4
71	MP4A	Z	67.865	4
72	MP4A	Mx	-.009	4
73	MP2A	X	0	2.5
74	MP2A	Z	61.38	2.5
75	MP2A	Mx	.022	2.5
76	MP2A	X	0	3.5
77	MP2A	Z	61.38	3.5
78	MP2A	Mx	.022	3.5
79	MP3C	X	0	2.5
80	MP3C	Z	56.719	2.5
81	MP3C	Mx	.022	2.5
82	MP3C	X	0	3.5
83	MP3C	Z	56.719	3.5
84	MP3C	Mx	.022	3.5
85	MP4B	X	0	2.5
86	MP4B	Z	56.719	2.5
87	MP4B	Mx	-.022	2.5
88	MP4B	X	0	3.5
89	MP4B	Z	56.719	3.5
90	MP4B	Mx	-.022	3.5
91	M181	X	0	2
92	M181	Z	147.798	2
93	M181	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	-102.915	1
2	MP4A	Z	178.254	1
3	MP4A	Mx	.224	1
4	MP4A	X	-102.915	5
5	MP4A	Z	178.254	5
6	MP4A	Mx	.224	5
7	MP4A	X	-102.915	1
8	MP4A	Z	178.254	1
9	MP4A	Mx	-.079	1
10	MP4A	X	-102.915	5
11	MP4A	Z	178.254	5
12	MP4A	Mx	-.079	5
13	MP5C	X	-62.577	1
14	MP5C	Z	108.386	1
15	MP5C	Mx	.051	1
16	MP5C	X	-62.577	5
17	MP5C	Z	108.386	5
18	MP5C	Mx	.051	5
19	MP5C	X	-62.577	1
20	MP5C	Z	108.386	1
21	MP5C	Mx	.074	1
22	MP5C	X	-62.577	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
23	MP5C	Z	108.386	5
24	MP5C	Mx	.074	5
25	MP2B	X	-50.908	1
26	MP2B	Z	88.175	1
27	MP2B	Mx	-.059	1
28	MP2B	X	-50.908	5
29	MP2B	Z	88.175	5
30	MP2B	Mx	-.059	5
31	MP2B	X	-50.908	1
32	MP2B	Z	88.175	1
33	MP2B	Mx	-.041	1
34	MP2B	X	-50.908	5
35	MP2B	Z	88.175	5
36	MP2B	Mx	-.041	5
37	MP1C	X	-100.277	1
38	MP1C	Z	173.684	1
39	MP1C	Mx	-.107	1
40	MP1C	X	-100.277	5
41	MP1C	Z	173.684	5
42	MP1C	Mx	-.107	5
43	MP1C	X	-100.277	1
44	MP1C	Z	173.684	1
45	MP1C	Mx	.176	1
46	MP1C	X	-100.277	5
47	MP1C	Z	173.684	5
48	MP1C	Mx	.176	5
49	MP1B	X	-23.751	4
50	MP1B	Z	41.138	4
51	MP1B	Mx	.023	4
52	MP2C	X	-33.65	4
53	MP2C	Z	58.284	4
54	MP2C	Mx	-.012	4
55	MP3A	X	-29.205	4
56	MP3A	Z	50.584	4
57	MP3A	Mx	-.021	4
58	MP4C	X	-33.65	4
59	MP4C	Z	58.284	4
60	MP4C	Mx	-.012	4
61	MP1A	X	-26.981	4
62	MP1A	Z	46.733	4
63	MP1A	Mx	-.019	4
64	MP1C	X	-33.13	4
65	MP1C	Z	57.383	4
66	MP1C	Mx	-.011	4
67	MP2B	X	-19.439	4
68	MP2B	Z	33.669	4
69	MP2B	Mx	.019	4
70	MP4A	X	-26.981	4
71	MP4A	Z	46.733	4
72	MP4A	Mx	-.019	4
73	MP2A	X	-19.067	2.5
74	MP2A	Z	33.026	2.5
75	MP2A	Mx	.018	2.5
76	MP2A	X	-19.067	3.5
77	MP2A	Z	33.026	3.5
78	MP2A	Mx	.018	3.5
79	MP3C	X	-40.971	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
80	MP3C	Z	70.964	2.5
81	MP3C	Mx	.014	2.5
82	MP3C	X	-40.971	3.5
83	MP3C	Z	70.964	3.5
84	MP3C	Mx	.014	3.5
85	MP4B	X	-18.079	2.5
86	MP4B	Z	31.313	2.5
87	MP4B	Mx	-.018	2.5
88	MP4B	X	-18.079	3.5
89	MP4B	Z	31.313	3.5
90	MP4B	Mx	-.018	3.5
91	M181	X	-65.433	2
92	M181	Z	113.333	2
93	M181	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	-116.813	1
2	MP4A	Z	67.442	1
3	MP4A	Mx	.102	1
4	MP4A	X	-116.813	5
5	MP4A	Z	67.442	5
6	MP4A	Mx	.102	5
7	MP4A	X	-116.813	1
8	MP4A	Z	67.442	1
9	MP4A	Mx	.029	1
10	MP4A	X	-116.813	5
11	MP4A	Z	67.442	5
12	MP4A	Mx	.029	5
13	MP5C	X	-153.989	1
14	MP5C	Z	88.906	1
15	MP5C	Mx	-.033	1
16	MP5C	X	-153.989	5
17	MP5C	Z	88.906	5
18	MP5C	Mx	-.033	5
19	MP5C	X	-153.989	1
20	MP5C	Z	88.906	1
21	MP5C	Mx	.179	1
22	MP5C	X	-153.989	5
23	MP5C	Z	88.906	5
24	MP5C	Mx	.179	5
25	MP2B	X	-92.04	1
26	MP2B	Z	53.139	1
27	MP2B	Mx	-.032	1
28	MP2B	X	-92.04	5
29	MP2B	Z	53.139	5
30	MP2B	Mx	-.032	5
31	MP2B	X	-92.04	1
32	MP2B	Z	53.139	1
33	MP2B	Mx	-.068	1
34	MP2B	X	-92.04	5
35	MP2B	Z	53.139	5
36	MP2B	Mx	-.068	5
37	MP1C	X	-182.317	1
38	MP1C	Z	105.261	1
39	MP1C	Mx	-.174	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
40	MP1C	X	-182.317	5
41	MP1C	Z	105.261	5
42	MP1C	Mx	-.174	5
43	MP1C	X	-182.317	1
44	MP1C	Z	105.261	1
45	MP1C	Mx	.137	1
46	MP1C	X	-182.317	5
47	MP1C	Z	105.261	5
48	MP1C	Mx	.137	5
49	MP1B	X	-42.884	4
50	MP1B	Z	24.759	4
51	MP1B	Mx	.023	4
52	MP2C	X	-60.03	4
53	MP2C	Z	34.658	4
54	MP2C	Mx	.006	4
55	MP3A	X	-41.879	4
56	MP3A	Z	24.179	4
57	MP3A	Mx	-.023	4
58	MP4C	X	-60.03	4
59	MP4C	Z	34.658	4
60	MP4C	Mx	.006	4
61	MP1A	X	-34.693	4
62	MP1A	Z	20.03	4
63	MP1A	Mx	-.019	4
64	MP1C	X	-59.797	4
65	MP1C	Z	34.524	4
66	MP1C	Mx	.006	4
67	MP2B	X	-36.083	4
68	MP2B	Z	20.833	4
69	MP2B	Mx	.02	4
70	MP4A	X	-34.693	4
71	MP4A	Z	20.03	4
72	MP4A	Mx	-.019	4
73	MP2A	X	-33.026	2.5
74	MP2A	Z	19.067	2.5
75	MP2A	Mx	.018	2.5
76	MP2A	X	-33.026	3.5
77	MP2A	Z	19.067	3.5
78	MP2A	Mx	.018	3.5
79	MP3C	X	-75	2.5
80	MP3C	Z	43.301	2.5
81	MP3C	Mx	-.008	2.5
82	MP3C	X	-75	3.5
83	MP3C	Z	43.301	3.5
84	MP3C	Mx	-.008	3.5
85	MP4B	X	-35.35	2.5
86	MP4B	Z	20.409	2.5
87	MP4B	Mx	-.019	2.5
88	MP4B	X	-35.35	3.5
89	MP4B	Z	20.409	3.5
90	MP4B	Mx	-.019	3.5
91	M181	X	-101.379	2
92	M181	Z	58.531	2
93	M181	Mx	0	2

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

Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	-134.884	1
2	MP4A	Z	0	1
3	MP4A	Mx	.029	1
4	MP4A	X	-134.884	5
5	MP4A	Z	0	5
6	MP4A	Mx	.029	5
7	MP4A	X	-134.884	1
8	MP4A	Z	0	1
9	MP4A	Mx	.102	1
10	MP4A	X	-134.884	5
11	MP4A	Z	0	5
12	MP4A	Mx	.102	5
13	MP5C	X	-258.489	1
14	MP5C	Z	0	1
15	MP5C	Mx	-.189	1
16	MP5C	X	-258.489	5
17	MP5C	Z	0	5
18	MP5C	Mx	-.189	5
19	MP5C	X	-258.489	1
20	MP5C	Z	0	1
21	MP5C	Mx	.299	1
22	MP5C	X	-258.489	5
23	MP5C	Z	0	5
24	MP5C	Mx	.299	5
25	MP2B	X	-130.429	1
26	MP2B	Z	0	1
27	MP2B	Mx	.008	1
28	MP2B	X	-130.429	5
29	MP2B	Z	0	5
30	MP2B	Mx	.008	5
31	MP2B	X	-130.429	1
32	MP2B	Z	0	1
33	MP2B	Mx	-.092	1
34	MP2B	X	-130.429	5
35	MP2B	Z	0	5
36	MP2B	Mx	-.092	5
37	MP1C	X	-166.546	1
38	MP1C	Z	0	1
39	MP1C	Mx	-.149	1
40	MP1C	X	-166.546	5
41	MP1C	Z	0	5
42	MP1C	Mx	-.149	5
43	MP1C	X	-166.546	1
44	MP1C	Z	0	1
45	MP1C	Mx	.042	1
46	MP1C	X	-166.546	5
47	MP1C	Z	0	5
48	MP1C	Mx	.042	5
49	MP1B	X	-60.425	4
50	MP1B	Z	0	4
51	MP1B	Mx	.019	4
52	MP2C	X	-60.425	4
53	MP2C	Z	0	4
54	MP2C	Mx	.019	4
55	MP3A	X	-48.357	4
56	MP3A	Z	0	4
57	MP3A	Mx	-.023	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP4C	X	-60.425	4
59	MP4C	Z	0	4
60	MP4C	Mx	.019	4
61	MP1A	X	-40.061	4
62	MP1A	Z	0	4
63	MP1A	Mx	-.019	4
64	MP1C	X	-56.751	4
65	MP1C	Z	0	4
66	MP1C	Mx	.018	4
67	MP2B	X	-56.751	4
68	MP2B	Z	0	4
69	MP2B	Mx	.018	4
70	MP4A	X	-40.061	4
71	MP4A	Z	0	4
72	MP4A	Mx	-.019	4
73	MP2A	X	-61.38	2.5
74	MP2A	Z	0	2.5
75	MP2A	Mx	.022	2.5
76	MP2A	X	-61.38	3.5
77	MP2A	Z	0	3.5
78	MP2A	Mx	.022	3.5
79	MP3C	X	-66.041	2.5
80	MP3C	Z	0	2.5
81	MP3C	Mx	-.021	2.5
82	MP3C	X	-66.041	3.5
83	MP3C	Z	0	3.5
84	MP3C	Mx	-.021	3.5
85	MP4B	X	-66.041	2.5
86	MP4B	Z	0	2.5
87	MP4B	Mx	-.021	2.5
88	MP4B	X	-66.041	3.5
89	MP4B	Z	0	3.5
90	MP4B	Mx	-.021	3.5
91	M181	X	-120.191	2
92	M181	Z	0	2
93	M181	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	-178.254	1
2	MP4A	Z	-102.915	1
3	MP4A	Mx	-.079	1
4	MP4A	X	-178.254	5
5	MP4A	Z	-102.915	5
6	MP4A	Mx	-.079	5
7	MP4A	X	-178.254	1
8	MP4A	Z	-102.915	1
9	MP4A	Mx	.224	1
10	MP4A	X	-178.254	5
11	MP4A	Z	-102.915	5
12	MP4A	Mx	.224	5
13	MP5C	X	-248.123	1
14	MP5C	Z	-143.254	1
15	MP5C	Mx	-.31	1
16	MP5C	X	-248.123	5
17	MP5C	Z	-143.254	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
18	MP5C	Mx	-.31	5
19	MP5C	X	-248.123	1
20	MP5C	Z	-143.254	1
21	MP5C	Mx	.285	1
22	MP5C	X	-248.123	5
23	MP5C	Z	-143.254	5
24	MP5C	Mx	.285	5
25	MP2B	X	-130.004	1
26	MP2B	Z	-75.058	1
27	MP2B	Mx	.061	1
28	MP2B	X	-130.004	5
29	MP2B	Z	-75.058	5
30	MP2B	Mx	.061	5
31	MP2B	X	-130.004	1
32	MP2B	Z	-75.058	1
33	MP2B	Mx	-.087	1
34	MP2B	X	-130.004	5
35	MP2B	Z	-75.058	5
36	MP2B	Mx	-.087	5
37	MP1C	X	-97.516	1
38	MP1C	Z	-56.301	1
39	MP1C	Mx	-.082	1
40	MP1C	X	-97.516	5
41	MP1C	Z	-56.301	5
42	MP1C	Mx	-.082	5
43	MP1C	X	-97.516	1
44	MP1C	Z	-56.301	1
45	MP1C	Mx	-.024	1
46	MP1C	X	-97.516	5
47	MP1C	Z	-56.301	5
48	MP1C	Mx	-.024	5
49	MP1B	X	-60.03	4
50	MP1B	Z	-34.658	4
51	MP1B	Mx	.006	4
52	MP2C	X	-42.884	4
53	MP2C	Z	-24.759	4
54	MP2C	Mx	.023	4
55	MP3A	X	-50.584	4
56	MP3A	Z	-29.205	4
57	MP3A	Mx	-.021	4
58	MP4C	X	-42.884	4
59	MP4C	Z	-24.759	4
60	MP4C	Mx	.023	4
61	MP1A	X	-46.733	4
62	MP1A	Z	-26.981	4
63	MP1A	Mx	-.019	4
64	MP1C	X	-36.083	4
65	MP1C	Z	-20.833	4
66	MP1C	Mx	.02	4
67	MP2B	X	-59.797	4
68	MP2B	Z	-34.524	4
69	MP2B	Mx	.006	4
70	MP4A	X	-46.733	4
71	MP4A	Z	-26.981	4
72	MP4A	Mx	-.019	4
73	MP2A	X	-73.288	2.5
74	MP2A	Z	-42.313	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
75	MP2A	Mx	.011	2.5
76	MP2A	X	-73.288	3.5
77	MP2A	Z	-42.313	3.5
78	MP2A	Mx	.011	3.5
79	MP3C	X	-35.35	2.5
80	MP3C	Z	-20.409	2.5
81	MP3C	Mx	-.019	2.5
82	MP3C	X	-35.35	3.5
83	MP3C	Z	-20.409	3.5
84	MP3C	Mx	-.019	3.5
85	MP4B	X	-75	2.5
86	MP4B	Z	-43.301	2.5
87	MP4B	Mx	-.008	2.5
88	MP4B	X	-75	3.5
89	MP4B	Z	-43.301	3.5
90	MP4B	Mx	-.008	3.5
91	M181	X	-118.753	2
92	M181	Z	-68.562	2
93	M181	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	-138.388	1
2	MP4A	Z	-239.696	1
3	MP4A	Mx	-.243	1
4	MP4A	X	-138.388	5
5	MP4A	Z	-239.696	5
6	MP4A	Mx	-.243	5
7	MP4A	X	-138.388	1
8	MP4A	Z	-239.696	1
9	MP4A	Mx	.314	1
10	MP4A	X	-138.388	5
11	MP4A	Z	-239.696	5
12	MP4A	Mx	.314	5
13	MP5C	X	-116.925	1
14	MP5C	Z	-202.519	1
15	MP5C	Mx	-.267	1
16	MP5C	X	-116.925	5
17	MP5C	Z	-202.519	5
18	MP5C	Mx	-.267	5
19	MP5C	X	-116.925	1
20	MP5C	Z	-202.519	1
21	MP5C	Mx	.132	1
22	MP5C	X	-116.925	5
23	MP5C	Z	-202.519	5
24	MP5C	Mx	.132	5
25	MP2B	X	-72.827	1
26	MP2B	Z	-126.139	1
27	MP2B	Mx	.093	1
28	MP2B	X	-72.827	5
29	MP2B	Z	-126.139	5
30	MP2B	Mx	.093	5
31	MP2B	X	-72.827	1
32	MP2B	Z	-126.139	1
33	MP2B	Mx	-.044	1
34	MP2B	X	-72.827	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
35	MP2B	Z	-126.139	5
36	MP2B	Mx	-.044	5
37	MP1C	X	-51.316	1
38	MP1C	Z	-88.883	1
39	MP1C	Mx	-.037	1
40	MP1C	X	-51.316	5
41	MP1C	Z	-88.883	5
42	MP1C	Mx	-.037	5
43	MP1C	X	-51.316	1
44	MP1C	Z	-88.883	1
45	MP1C	Mx	-.064	1
46	MP1C	X	-51.316	5
47	MP1C	Z	-88.883	5
48	MP1C	Mx	-.064	5
49	MP1B	X	-33.65	4
50	MP1B	Z	-58.284	4
51	MP1B	Mx	-.012	4
52	MP2C	X	-23.751	4
53	MP2C	Z	-41.138	4
54	MP2C	Mx	.023	4
55	MP3A	X	-34.231	4
56	MP3A	Z	-59.289	4
57	MP3A	Mx	-.009	4
58	MP4C	X	-23.751	4
59	MP4C	Z	-41.138	4
60	MP4C	Mx	.023	4
61	MP1A	X	-33.933	4
62	MP1A	Z	-58.773	4
63	MP1A	Mx	-.009	4
64	MP1C	X	-19.439	4
65	MP1C	Z	-33.669	4
66	MP1C	Mx	.019	4
67	MP2B	X	-33.13	4
68	MP2B	Z	-57.383	4
69	MP2B	Mx	-.011	4
70	MP4A	X	-33.933	4
71	MP4A	Z	-58.773	4
72	MP4A	Mx	-.009	4
73	MP2A	X	-42.313	2.5
74	MP2A	Z	-73.288	2.5
75	MP2A	Mx	-.011	2.5
76	MP2A	X	-42.313	3.5
77	MP2A	Z	-73.288	3.5
78	MP2A	Mx	-.011	3.5
79	MP3C	X	-18.079	2.5
80	MP3C	Z	-31.313	2.5
81	MP3C	Mx	-.018	2.5
82	MP3C	X	-18.079	3.5
83	MP3C	Z	-31.313	3.5
84	MP3C	Mx	-.018	3.5
85	MP4B	X	-40.971	2.5
86	MP4B	Z	-70.964	2.5
87	MP4B	Mx	.014	2.5
88	MP4B	X	-40.971	3.5
89	MP4B	Z	-70.964	3.5
90	MP4B	Mx	.014	3.5
91	M181	X	-75.463	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
92	M181	Z	-130.707	2
93	M181	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	0	1
2	MP4A	Z	-55.901	1
3	MP4A	Mx	-.063	1
4	MP4A	X	0	5
5	MP4A	Z	-55.901	5
6	MP4A	Mx	-.063	5
7	MP4A	X	0	1
8	MP4A	Z	-55.901	1
9	MP4A	Mx	.049	1
10	MP4A	X	0	5
11	MP4A	Z	-55.901	5
12	MP4A	Mx	.049	5
13	MP5C	X	0	1
14	MP5C	Z	-31.951	1
15	MP5C	Mx	-.029	1
16	MP5C	X	0	5
17	MP5C	Z	-31.951	5
18	MP5C	Mx	-.029	5
19	MP5C	X	0	1
20	MP5C	Z	-31.951	1
21	MP5C	Mx	-.000413	1
22	MP5C	X	0	5
23	MP5C	Z	-31.951	5
24	MP5C	Mx	-.000413	5
25	MP2B	X	0	1
26	MP2B	Z	-25.822	1
27	MP2B	Mx	.018	1
28	MP2B	X	0	5
29	MP2B	Z	-25.822	5
30	MP2B	Mx	.018	5
31	MP2B	X	0	1
32	MP2B	Z	-25.822	1
33	MP2B	Mx	.002	1
34	MP2B	X	0	5
35	MP2B	Z	-25.822	5
36	MP2B	Mx	.002	5
37	MP1C	X	0	1
38	MP1C	Z	-30.715	1
39	MP1C	Mx	.003	1
40	MP1C	X	0	5
41	MP1C	Z	-30.715	5
42	MP1C	Mx	.003	5
43	MP1C	X	0	1
44	MP1C	Z	-30.715	1
45	MP1C	Mx	-.027	1
46	MP1C	X	0	5
47	MP1C	Z	-30.715	5
48	MP1C	Mx	-.027	5
49	MP1B	X	0	4
50	MP1B	Z	-12.969	4
51	MP1B	Mx	-.005	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
52	MP2C	X	0	4
53	MP2C	Z	-12.969	4
54	MP2C	Mx	.005	4
55	MP3A	X	0	4
56	MP3A	Z	-15.472	4
57	MP3A	Mx	.002	4
58	MP4C	X	0	4
59	MP4C	Z	-12.969	4
60	MP4C	Mx	.005	4
61	MP1A	X	0	4
62	MP1A	Z	-15.349	4
63	MP1A	Mx	.002	4
64	MP1C	X	0	4
65	MP1C	Z	-11.896	4
66	MP1C	Mx	.005	4
67	MP2B	X	0	4
68	MP2B	Z	-11.896	4
69	MP2B	Mx	-.005	4
70	MP4A	X	0	4
71	MP4A	Z	-15.349	4
72	MP4A	Mx	.002	4
73	MP2A	X	0	2.5
74	MP2A	Z	-13.406	2.5
75	MP2A	Mx	-.005	2.5
76	MP2A	X	0	3.5
77	MP2A	Z	-13.406	3.5
78	MP2A	Mx	-.005	3.5
79	MP3C	X	0	2.5
80	MP3C	Z	-12.467	2.5
81	MP3C	Mx	-.005	2.5
82	MP3C	X	0	3.5
83	MP3C	Z	-12.467	3.5
84	MP3C	Mx	-.005	3.5
85	MP4B	X	0	2.5
86	MP4B	Z	-12.467	2.5
87	MP4B	Mx	.005	2.5
88	MP4B	X	0	3.5
89	MP4B	Z	-12.467	3.5
90	MP4B	Mx	.005	3.5
91	M181	X	0	2
92	M181	Z	-31.655	2
93	M181	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	21.077	1
2	MP4A	Z	-36.506	1
3	MP4A	Mx	-.046	1
4	MP4A	X	21.077	5
5	MP4A	Z	-36.506	5
6	MP4A	Mx	-.046	5
7	MP4A	X	21.077	1
8	MP4A	Z	-36.506	1
9	MP4A	Mx	.016	1
10	MP4A	X	21.077	5
11	MP4A	Z	-36.506	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
12	MP4A	Mx	.016	5
13	MP5C	X	13.261	1
14	MP5C	Z	-22.968	1
15	MP5C	Mx	-.011	1
16	MP5C	X	13.261	5
17	MP5C	Z	-22.968	5
18	MP5C	Mx	-.011	5
19	MP5C	X	13.261	1
20	MP5C	Z	-22.968	1
21	MP5C	Mx	-.016	1
22	MP5C	X	13.261	5
23	MP5C	Z	-22.968	5
24	MP5C	Mx	-.016	5
25	MP2B	X	11.031	1
26	MP2B	Z	-19.106	1
27	MP2B	Mx	.013	1
28	MP2B	X	11.031	5
29	MP2B	Z	-19.106	5
30	MP2B	Mx	.013	5
31	MP2B	X	11.031	1
32	MP2B	Z	-19.106	1
33	MP2B	Mx	.009	1
34	MP2B	X	11.031	5
35	MP2B	Z	-19.106	5
36	MP2B	Mx	.009	5
37	MP1C	X	20.567	1
38	MP1C	Z	-35.623	1
39	MP1C	Mx	.022	1
40	MP1C	X	20.567	5
41	MP1C	Z	-35.623	5
42	MP1C	Mx	.022	5
43	MP1C	X	20.567	1
44	MP1C	Z	-35.623	1
45	MP1C	Mx	-.036	1
46	MP1C	X	20.567	5
47	MP1C	Z	-35.623	5
48	MP1C	Mx	-.036	5
49	MP1B	X	5.563	4
50	MP1B	Z	-9.635	4
51	MP1B	Mx	-.005	4
52	MP2C	X	7.616	4
53	MP2C	Z	-13.191	4
54	MP2C	Mx	.003	4
55	MP3A	X	6.694	4
56	MP3A	Z	-11.594	4
57	MP3A	Mx	.005	4
58	MP4C	X	7.616	4
59	MP4C	Z	-13.191	4
60	MP4C	Mx	.003	4
61	MP1A	X	6.236	4
62	MP1A	Z	-10.801	4
63	MP1A	Mx	.004	4
64	MP1C	X	7.509	4
65	MP1C	Z	-13.005	4
66	MP1C	Mx	.003	4
67	MP2B	X	4.675	4
68	MP2B	Z	-8.098	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
69	MP2B	Mx	-.005	4
70	MP4A	X	6.236	4
71	MP4A	Z	-10.801	4
72	MP4A	Mx	.004	4
73	MP2A	X	4.363	2.5
74	MP2A	Z	-7.557	2.5
75	MP2A	Mx	-.004	2.5
76	MP2A	X	4.363	3.5
77	MP2A	Z	-7.557	3.5
78	MP2A	Mx	-.004	3.5
79	MP3C	X	8.772	2.5
80	MP3C	Z	-15.194	2.5
81	MP3C	Mx	-.003	2.5
82	MP3C	X	8.772	3.5
83	MP3C	Z	-15.194	3.5
84	MP3C	Mx	-.003	3.5
85	MP4B	X	4.164	2.5
86	MP4B	Z	-7.212	2.5
87	MP4B	Mx	.004	2.5
88	MP4B	X	4.164	3.5
89	MP4B	Z	-7.212	3.5
90	MP4B	Mx	.004	3.5
91	M181	X	14.162	2
92	M181	Z	-24.529	2
93	M181	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	24.601	1
2	MP4A	Z	-14.204	1
3	MP4A	Mx	-.021	1
4	MP4A	X	24.601	5
5	MP4A	Z	-14.204	5
6	MP4A	Mx	-.021	5
7	MP4A	X	24.601	1
8	MP4A	Z	-14.204	1
9	MP4A	Mx	-.006	1
10	MP4A	X	24.601	5
11	MP4A	Z	-14.204	5
12	MP4A	Mx	-.006	5
13	MP5C	X	31.805	1
14	MP5C	Z	-18.362	1
15	MP5C	Mx	.007	1
16	MP5C	X	31.805	5
17	MP5C	Z	-18.362	5
18	MP5C	Mx	.007	5
19	MP5C	X	31.805	1
20	MP5C	Z	-18.362	1
21	MP5C	Mx	-.037	1
22	MP5C	X	31.805	5
23	MP5C	Z	-18.362	5
24	MP5C	Mx	-.037	5
25	MP2B	X	19.845	1
26	MP2B	Z	-11.457	1
27	MP2B	Mx	.007	1
28	MP2B	X	19.845	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
29	MP2B	Z	-11.457	5
30	MP2B	Mx	.007	5
31	MP2B	X	19.845	1
32	MP2B	Z	-11.457	1
33	MP2B	Mx	.015	1
34	MP2B	X	19.845	5
35	MP2B	Z	-11.457	5
36	MP2B	Mx	.015	5
37	MP1C	X	37.291	1
38	MP1C	Z	-21.53	1
39	MP1C	Mx	.036	1
40	MP1C	X	37.291	5
41	MP1C	Z	-21.53	5
42	MP1C	Mx	.036	5
43	MP1C	X	37.291	1
44	MP1C	Z	-21.53	1
45	MP1C	Mx	-.028	1
46	MP1C	X	37.291	5
47	MP1C	Z	-21.53	5
48	MP1C	Mx	-.028	5
49	MP1B	X	9.997	4
50	MP1B	Z	-5.772	4
51	MP1B	Mx	-.005	4
52	MP2C	X	13.553	4
53	MP2C	Z	-7.825	4
54	MP2C	Mx	-.001	4
55	MP3A	X	9.788	4
56	MP3A	Z	-5.651	4
57	MP3A	Mx	.005	4
58	MP4C	X	13.553	4
59	MP4C	Z	-7.825	4
60	MP4C	Mx	-.001	4
61	MP1A	X	8.31	4
62	MP1A	Z	-4.798	4
63	MP1A	Mx	.005	4
64	MP1C	X	13.505	4
65	MP1C	Z	-7.797	4
66	MP1C	Mx	-.001	4
67	MP2B	X	8.598	4
68	MP2B	Z	-4.964	4
69	MP2B	Mx	-.005	4
70	MP4A	X	8.31	4
71	MP4A	Z	-4.798	4
72	MP4A	Mx	.005	4
73	MP2A	X	7.557	2.5
74	MP2A	Z	-4.363	2.5
75	MP2A	Mx	-.004	2.5
76	MP2A	X	7.557	3.5
77	MP2A	Z	-4.363	3.5
78	MP2A	Mx	-.004	3.5
79	MP3C	X	16.007	2.5
80	MP3C	Z	-9.241	2.5
81	MP3C	Mx	.002	2.5
82	MP3C	X	16.007	3.5
83	MP3C	Z	-9.241	3.5
84	MP3C	Mx	.002	3.5
85	MP4B	X	8.025	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
86	MP4B	Z	-4.633	2.5
87	MP4B	Mx	.004	2.5
88	MP4B	X	8.025	3.5
89	MP4B	Z	-4.633	3.5
90	MP4B	Mx	.004	3.5
91	M181	X	22.176	2
92	M181	Z	-12.804	2
93	M181	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	28.407	1
2	MP4A	Z	0	1
3	MP4A	Mx	-.006	1
4	MP4A	X	28.407	5
5	MP4A	Z	0	5
6	MP4A	Mx	-.006	5
7	MP4A	X	28.407	1
8	MP4A	Z	0	1
9	MP4A	Mx	-.021	1
10	MP4A	X	28.407	5
11	MP4A	Z	0	5
12	MP4A	Mx	-.021	5
13	MP5C	X	52.357	1
14	MP5C	Z	0	1
15	MP5C	Mx	.038	1
16	MP5C	X	52.357	5
17	MP5C	Z	0	5
18	MP5C	Mx	.038	5
19	MP5C	X	52.357	1
20	MP5C	Z	0	1
21	MP5C	Mx	-.06	1
22	MP5C	X	52.357	5
23	MP5C	Z	0	5
24	MP5C	Mx	-.06	5
25	MP2B	X	27.527	1
26	MP2B	Z	0	1
27	MP2B	Mx	-.002	1
28	MP2B	X	27.527	5
29	MP2B	Z	0	5
30	MP2B	Mx	-.002	5
31	MP2B	X	27.527	1
32	MP2B	Z	0	1
33	MP2B	Mx	.019	1
34	MP2B	X	27.527	5
35	MP2B	Z	0	5
36	MP2B	Mx	.019	5
37	MP1C	X	34.566	1
38	MP1C	Z	0	1
39	MP1C	Mx	.031	1
40	MP1C	X	34.566	5
41	MP1C	Z	0	5
42	MP1C	Mx	.031	5
43	MP1C	X	34.566	1
44	MP1C	Z	0	1
45	MP1C	Mx	-.009	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
46	MP1C	X	34.566	5
47	MP1C	Z	0	5
48	MP1C	Mx	-.009	5
49	MP1B	X	13.805	4
50	MP1B	Z	0	4
51	MP1B	Mx	-.004	4
52	MP2C	X	13.805	4
53	MP2C	Z	0	4
54	MP2C	Mx	-.004	4
55	MP3A	X	11.302	4
56	MP3A	Z	0	4
57	MP3A	Mx	.005	4
58	MP4C	X	13.805	4
59	MP4C	Z	0	4
60	MP4C	Mx	-.004	4
61	MP1A	X	9.595	4
62	MP1A	Z	0	4
63	MP1A	Mx	.005	4
64	MP1C	X	13.049	4
65	MP1C	Z	0	4
66	MP1C	Mx	-.004	4
67	MP2B	X	13.049	4
68	MP2B	Z	0	4
69	MP2B	Mx	-.004	4
70	MP4A	X	9.595	4
71	MP4A	Z	0	4
72	MP4A	Mx	.005	4
73	MP2A	X	13.406	2.5
74	MP2A	Z	0	2.5
75	MP2A	Mx	-.005	2.5
76	MP2A	X	13.406	3.5
77	MP2A	Z	0	3.5
78	MP2A	Mx	-.005	3.5
79	MP3C	X	14.344	2.5
80	MP3C	Z	0	2.5
81	MP3C	Mx	.005	2.5
82	MP3C	X	14.344	3.5
83	MP3C	Z	0	3.5
84	MP3C	Mx	.005	3.5
85	MP4B	X	14.344	2.5
86	MP4B	Z	0	2.5
87	MP4B	Mx	.005	2.5
88	MP4B	X	14.344	3.5
89	MP4B	Z	0	3.5
90	MP4B	Mx	.005	3.5
91	M181	X	26.223	2
92	M181	Z	0	2
93	M181	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	36.506	1
2	MP4A	Z	21.077	1
3	MP4A	Mx	.016	1
4	MP4A	X	36.506	5
5	MP4A	Z	21.077	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
6	MP4A	Mx	.016	5
7	MP4A	X	36.506	1
8	MP4A	Z	21.077	1
9	MP4A	Mx	-.046	1
10	MP4A	X	36.506	5
11	MP4A	Z	21.077	5
12	MP4A	Mx	-.046	5
13	MP5C	X	50.044	1
14	MP5C	Z	28.893	1
15	MP5C	Mx	.062	1
16	MP5C	X	50.044	5
17	MP5C	Z	28.893	5
18	MP5C	Mx	.062	5
19	MP5C	X	50.044	1
20	MP5C	Z	28.893	1
21	MP5C	Mx	-.057	1
22	MP5C	X	50.044	5
23	MP5C	Z	28.893	5
24	MP5C	Mx	-.057	5
25	MP2B	X	27.095	1
26	MP2B	Z	15.643	1
27	MP2B	Mx	-.013	1
28	MP2B	X	27.095	5
29	MP2B	Z	15.643	5
30	MP2B	Mx	-.013	5
31	MP2B	X	27.095	1
32	MP2B	Z	15.643	1
33	MP2B	Mx	.018	1
34	MP2B	X	27.095	5
35	MP2B	Z	15.643	5
36	MP2B	Mx	.018	5
37	MP1C	X	20.911	1
38	MP1C	Z	12.073	1
39	MP1C	Mx	.018	1
40	MP1C	X	20.911	5
41	MP1C	Z	12.073	5
42	MP1C	Mx	.018	5
43	MP1C	X	20.911	1
44	MP1C	Z	12.073	1
45	MP1C	Mx	.005	1
46	MP1C	X	20.911	5
47	MP1C	Z	12.073	5
48	MP1C	Mx	.005	5
49	MP1B	X	13.553	4
50	MP1B	Z	7.825	4
51	MP1B	Mx	-.001	4
52	MP2C	X	9.997	4
53	MP2C	Z	5.772	4
54	MP2C	Mx	-.005	4
55	MP3A	X	11.594	4
56	MP3A	Z	6.694	4
57	MP3A	Mx	.005	4
58	MP4C	X	9.997	4
59	MP4C	Z	5.772	4
60	MP4C	Mx	-.005	4
61	MP1A	X	10.801	4
62	MP1A	Z	6.236	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
63	MP1A	Mx	.004	4
64	MP1C	X	8.598	4
65	MP1C	Z	4.964	4
66	MP1C	Mx	-.005	4
67	MP2B	X	13.505	4
68	MP2B	Z	7.797	4
69	MP2B	Mx	-.001	4
70	MP4A	X	10.801	4
71	MP4A	Z	6.236	4
72	MP4A	Mx	.004	4
73	MP2A	X	15.662	2.5
74	MP2A	Z	9.042	2.5
75	MP2A	Mx	-.002	2.5
76	MP2A	X	15.662	3.5
77	MP2A	Z	9.042	3.5
78	MP2A	Mx	-.002	3.5
79	MP3C	X	8.025	2.5
80	MP3C	Z	4.633	2.5
81	MP3C	Mx	.004	2.5
82	MP3C	X	8.025	3.5
83	MP3C	Z	4.633	3.5
84	MP3C	Mx	.004	3.5
85	MP4B	X	16.007	2.5
86	MP4B	Z	9.241	2.5
87	MP4B	Mx	.002	2.5
88	MP4B	X	16.007	3.5
89	MP4B	Z	9.241	3.5
90	MP4B	Mx	.002	3.5
91	M181	X	25.595	2
92	M181	Z	14.777	2
93	M181	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	27.95	1
2	MP4A	Z	48.412	1
3	MP4A	Mx	.049	1
4	MP4A	X	27.95	5
5	MP4A	Z	48.412	5
6	MP4A	Mx	.049	5
7	MP4A	X	27.95	1
8	MP4A	Z	48.412	1
9	MP4A	Mx	-.063	1
10	MP4A	X	27.95	5
11	MP4A	Z	48.412	5
12	MP4A	Mx	-.063	5
13	MP5C	X	23.792	1
14	MP5C	Z	41.208	1
15	MP5C	Mx	.054	1
16	MP5C	X	23.792	5
17	MP5C	Z	41.208	5
18	MP5C	Mx	.054	5
19	MP5C	X	23.792	1
20	MP5C	Z	41.208	1
21	MP5C	Mx	-.027	1
22	MP5C	X	23.792	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
23	MP5C	Z	41.208	5
24	MP5C	Mx	-.027	5
25	MP2B	X	15.217	1
26	MP2B	Z	26.357	1
27	MP2B	Mx	-.02	1
28	MP2B	X	15.217	5
29	MP2B	Z	26.357	5
30	MP2B	Mx	-.02	5
31	MP2B	X	15.217	1
32	MP2B	Z	26.357	1
33	MP2B	Mx	.009	1
34	MP2B	X	15.217	5
35	MP2B	Z	26.357	5
36	MP2B	Mx	.009	5
37	MP1C	X	11.11	1
38	MP1C	Z	19.243	1
39	MP1C	Mx	.008	1
40	MP1C	X	11.11	5
41	MP1C	Z	19.243	5
42	MP1C	Mx	.008	5
43	MP1C	X	11.11	1
44	MP1C	Z	19.243	1
45	MP1C	Mx	.014	1
46	MP1C	X	11.11	5
47	MP1C	Z	19.243	5
48	MP1C	Mx	.014	5
49	MP1B	X	7.616	4
50	MP1B	Z	13.191	4
51	MP1B	Mx	.003	4
52	MP2C	X	5.563	4
53	MP2C	Z	9.635	4
54	MP2C	Mx	-.005	4
55	MP3A	X	7.736	4
56	MP3A	Z	13.399	4
57	MP3A	Mx	.002	4
58	MP4C	X	5.563	4
59	MP4C	Z	9.635	4
60	MP4C	Mx	-.005	4
61	MP1A	X	7.675	4
62	MP1A	Z	13.293	4
63	MP1A	Mx	.002	4
64	MP1C	X	4.675	4
65	MP1C	Z	8.098	4
66	MP1C	Mx	-.005	4
67	MP2B	X	7.509	4
68	MP2B	Z	13.005	4
69	MP2B	Mx	.003	4
70	MP4A	X	7.675	4
71	MP4A	Z	13.293	4
72	MP4A	Mx	.002	4
73	MP2A	X	9.042	2.5
74	MP2A	Z	15.662	2.5
75	MP2A	Mx	.002	2.5
76	MP2A	X	9.042	3.5
77	MP2A	Z	15.662	3.5
78	MP2A	Mx	.002	3.5
79	MP3C	X	4.164	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
80	MP3C	Z	7.212	2.5
81	MP3C	Mx	.004	2.5
82	MP3C	X	4.164	3.5
83	MP3C	Z	7.212	3.5
84	MP3C	Mx	.004	3.5
85	MP4B	X	8.772	2.5
86	MP4B	Z	15.194	2.5
87	MP4B	Mx	-.003	2.5
88	MP4B	X	8.772	3.5
89	MP4B	Z	15.194	3.5
90	MP4B	Mx	-.003	3.5
91	M181	X	16.135	2
92	M181	Z	27.947	2
93	M181	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	0	1
2	MP4A	Z	55.901	1
3	MP4A	Mx	.063	1
4	MP4A	X	0	5
5	MP4A	Z	55.901	5
6	MP4A	Mx	.063	5
7	MP4A	X	0	1
8	MP4A	Z	55.901	1
9	MP4A	Mx	-.049	1
10	MP4A	X	0	5
11	MP4A	Z	55.901	5
12	MP4A	Mx	-.049	5
13	MP5C	X	0	1
14	MP5C	Z	31.951	1
15	MP5C	Mx	.029	1
16	MP5C	X	0	5
17	MP5C	Z	31.951	5
18	MP5C	Mx	.029	5
19	MP5C	X	0	1
20	MP5C	Z	31.951	1
21	MP5C	Mx	.000413	1
22	MP5C	X	0	5
23	MP5C	Z	31.951	5
24	MP5C	Mx	.000413	5
25	MP2B	X	0	1
26	MP2B	Z	25.822	1
27	MP2B	Mx	-.018	1
28	MP2B	X	0	5
29	MP2B	Z	25.822	5
30	MP2B	Mx	-.018	5
31	MP2B	X	0	1
32	MP2B	Z	25.822	1
33	MP2B	Mx	-.002	1
34	MP2B	X	0	5
35	MP2B	Z	25.822	5
36	MP2B	Mx	-.002	5
37	MP1C	X	0	1
38	MP1C	Z	30.715	1
39	MP1C	Mx	-.003	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
40	MP1C	X	0	5
41	MP1C	Z	30.715	5
42	MP1C	Mx	-.003	5
43	MP1C	X	0	1
44	MP1C	Z	30.715	1
45	MP1C	Mx	.027	1
46	MP1C	X	0	5
47	MP1C	Z	30.715	5
48	MP1C	Mx	.027	5
49	MP1B	X	0	4
50	MP1B	Z	12.969	4
51	MP1B	Mx	.005	4
52	MP2C	X	0	4
53	MP2C	Z	12.969	4
54	MP2C	Mx	-.005	4
55	MP3A	X	0	4
56	MP3A	Z	15.472	4
57	MP3A	Mx	-.002	4
58	MP4C	X	0	4
59	MP4C	Z	12.969	4
60	MP4C	Mx	-.005	4
61	MP1A	X	0	4
62	MP1A	Z	15.349	4
63	MP1A	Mx	-.002	4
64	MP1C	X	0	4
65	MP1C	Z	11.896	4
66	MP1C	Mx	-.005	4
67	MP2B	X	0	4
68	MP2B	Z	11.896	4
69	MP2B	Mx	.005	4
70	MP4A	X	0	4
71	MP4A	Z	15.349	4
72	MP4A	Mx	-.002	4
73	MP2A	X	0	2.5
74	MP2A	Z	13.406	2.5
75	MP2A	Mx	.005	2.5
76	MP2A	X	0	3.5
77	MP2A	Z	13.406	3.5
78	MP2A	Mx	.005	3.5
79	MP3C	X	0	2.5
80	MP3C	Z	12.467	2.5
81	MP3C	Mx	.005	2.5
82	MP3C	X	0	3.5
83	MP3C	Z	12.467	3.5
84	MP3C	Mx	.005	3.5
85	MP4B	X	0	2.5
86	MP4B	Z	12.467	2.5
87	MP4B	Mx	-.005	2.5
88	MP4B	X	0	3.5
89	MP4B	Z	12.467	3.5
90	MP4B	Mx	-.005	3.5
91	M181	X	0	2
92	M181	Z	31.655	2
93	M181	Mx	0	2

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

Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	-21.077	1
2	MP4A	Z	36.506	1
3	MP4A	Mx	.046	1
4	MP4A	X	-21.077	5
5	MP4A	Z	36.506	5
6	MP4A	Mx	.046	5
7	MP4A	X	-21.077	1
8	MP4A	Z	36.506	1
9	MP4A	Mx	-.016	1
10	MP4A	X	-21.077	5
11	MP4A	Z	36.506	5
12	MP4A	Mx	-.016	5
13	MP5C	X	-13.261	1
14	MP5C	Z	22.968	1
15	MP5C	Mx	.011	1
16	MP5C	X	-13.261	5
17	MP5C	Z	22.968	5
18	MP5C	Mx	.011	5
19	MP5C	X	-13.261	1
20	MP5C	Z	22.968	1
21	MP5C	Mx	.016	1
22	MP5C	X	-13.261	5
23	MP5C	Z	22.968	5
24	MP5C	Mx	.016	5
25	MP2B	X	-11.031	1
26	MP2B	Z	19.106	1
27	MP2B	Mx	-.013	1
28	MP2B	X	-11.031	5
29	MP2B	Z	19.106	5
30	MP2B	Mx	-.013	5
31	MP2B	X	-11.031	1
32	MP2B	Z	19.106	1
33	MP2B	Mx	-.009	1
34	MP2B	X	-11.031	5
35	MP2B	Z	19.106	5
36	MP2B	Mx	-.009	5
37	MP1C	X	-20.567	1
38	MP1C	Z	35.623	1
39	MP1C	Mx	-.022	1
40	MP1C	X	-20.567	5
41	MP1C	Z	35.623	5
42	MP1C	Mx	-.022	5
43	MP1C	X	-20.567	1
44	MP1C	Z	35.623	1
45	MP1C	Mx	.036	1
46	MP1C	X	-20.567	5
47	MP1C	Z	35.623	5
48	MP1C	Mx	.036	5
49	MP1B	X	-5.563	4
50	MP1B	Z	9.635	4
51	MP1B	Mx	.005	4
52	MP2C	X	-7.616	4
53	MP2C	Z	13.191	4
54	MP2C	Mx	-.003	4
55	MP3A	X	-6.694	4
56	MP3A	Z	11.594	4
57	MP3A	Mx	-.005	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP4C	X	-7.616	4
59	MP4C	Z	13.191	4
60	MP4C	Mx	-.003	4
61	MP1A	X	-6.236	4
62	MP1A	Z	10.801	4
63	MP1A	Mx	-.004	4
64	MP1C	X	-7.509	4
65	MP1C	Z	13.005	4
66	MP1C	Mx	-.003	4
67	MP2B	X	-4.675	4
68	MP2B	Z	8.098	4
69	MP2B	Mx	.005	4
70	MP4A	X	-6.236	4
71	MP4A	Z	10.801	4
72	MP4A	Mx	-.004	4
73	MP2A	X	-4.363	2.5
74	MP2A	Z	7.557	2.5
75	MP2A	Mx	.004	2.5
76	MP2A	X	-4.363	3.5
77	MP2A	Z	7.557	3.5
78	MP2A	Mx	.004	3.5
79	MP3C	X	-8.772	2.5
80	MP3C	Z	15.194	2.5
81	MP3C	Mx	.003	2.5
82	MP3C	X	-8.772	3.5
83	MP3C	Z	15.194	3.5
84	MP3C	Mx	.003	3.5
85	MP4B	X	-4.164	2.5
86	MP4B	Z	7.212	2.5
87	MP4B	Mx	-.004	2.5
88	MP4B	X	-4.164	3.5
89	MP4B	Z	7.212	3.5
90	MP4B	Mx	-.004	3.5
91	M181	X	-14.162	2
92	M181	Z	24.529	2
93	M181	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	-24.601	1
2	MP4A	Z	14.204	1
3	MP4A	Mx	.021	1
4	MP4A	X	-24.601	5
5	MP4A	Z	14.204	5
6	MP4A	Mx	.021	5
7	MP4A	X	-24.601	1
8	MP4A	Z	14.204	1
9	MP4A	Mx	.006	1
10	MP4A	X	-24.601	5
11	MP4A	Z	14.204	5
12	MP4A	Mx	.006	5
13	MP5C	X	-31.805	1
14	MP5C	Z	18.362	1
15	MP5C	Mx	-.007	1
16	MP5C	X	-31.805	5
17	MP5C	Z	18.362	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
18	MP5C	Mx	-.007	5
19	MP5C	X	-31.805	1
20	MP5C	Z	18.362	1
21	MP5C	Mx	.037	1
22	MP5C	X	-31.805	5
23	MP5C	Z	18.362	5
24	MP5C	Mx	.037	5
25	MP2B	X	-19.845	1
26	MP2B	Z	11.457	1
27	MP2B	Mx	-.007	1
28	MP2B	X	-19.845	5
29	MP2B	Z	11.457	5
30	MP2B	Mx	-.007	5
31	MP2B	X	-19.845	1
32	MP2B	Z	11.457	1
33	MP2B	Mx	-.015	1
34	MP2B	X	-19.845	5
35	MP2B	Z	11.457	5
36	MP2B	Mx	-.015	5
37	MP1C	X	-37.291	1
38	MP1C	Z	21.53	1
39	MP1C	Mx	-.036	1
40	MP1C	X	-37.291	5
41	MP1C	Z	21.53	5
42	MP1C	Mx	-.036	5
43	MP1C	X	-37.291	1
44	MP1C	Z	21.53	1
45	MP1C	Mx	.028	1
46	MP1C	X	-37.291	5
47	MP1C	Z	21.53	5
48	MP1C	Mx	.028	5
49	MP1B	X	-9.997	4
50	MP1B	Z	5.772	4
51	MP1B	Mx	.005	4
52	MP2C	X	-13.553	4
53	MP2C	Z	7.825	4
54	MP2C	Mx	.001	4
55	MP3A	X	-9.788	4
56	MP3A	Z	5.651	4
57	MP3A	Mx	-.005	4
58	MP4C	X	-13.553	4
59	MP4C	Z	7.825	4
60	MP4C	Mx	.001	4
61	MP1A	X	-8.31	4
62	MP1A	Z	4.798	4
63	MP1A	Mx	-.005	4
64	MP1C	X	-13.505	4
65	MP1C	Z	7.797	4
66	MP1C	Mx	.001	4
67	MP2B	X	-8.598	4
68	MP2B	Z	4.964	4
69	MP2B	Mx	.005	4
70	MP4A	X	-8.31	4
71	MP4A	Z	4.798	4
72	MP4A	Mx	-.005	4
73	MP2A	X	-7.557	2.5
74	MP2A	Z	4.363	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
75	MP2A	Mx	.004	2.5
76	MP2A	X	-7.557	3.5
77	MP2A	Z	4.363	3.5
78	MP2A	Mx	.004	3.5
79	MP3C	X	-16.007	2.5
80	MP3C	Z	9.241	2.5
81	MP3C	Mx	-.002	2.5
82	MP3C	X	-16.007	3.5
83	MP3C	Z	9.241	3.5
84	MP3C	Mx	-.002	3.5
85	MP4B	X	-8.025	2.5
86	MP4B	Z	4.633	2.5
87	MP4B	Mx	-.004	2.5
88	MP4B	X	-8.025	3.5
89	MP4B	Z	4.633	3.5
90	MP4B	Mx	-.004	3.5
91	M181	X	-22.176	2
92	M181	Z	12.804	2
93	M181	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	-28.407	1
2	MP4A	Z	0	1
3	MP4A	Mx	.006	1
4	MP4A	X	-28.407	5
5	MP4A	Z	0	5
6	MP4A	Mx	.006	5
7	MP4A	X	-28.407	1
8	MP4A	Z	0	1
9	MP4A	Mx	.021	1
10	MP4A	X	-28.407	5
11	MP4A	Z	0	5
12	MP4A	Mx	.021	5
13	MP5C	X	-52.357	1
14	MP5C	Z	0	1
15	MP5C	Mx	-.038	1
16	MP5C	X	-52.357	5
17	MP5C	Z	0	5
18	MP5C	Mx	-.038	5
19	MP5C	X	-52.357	1
20	MP5C	Z	0	1
21	MP5C	Mx	.06	1
22	MP5C	X	-52.357	5
23	MP5C	Z	0	5
24	MP5C	Mx	.06	5
25	MP2B	X	-27.527	1
26	MP2B	Z	0	1
27	MP2B	Mx	.002	1
28	MP2B	X	-27.527	5
29	MP2B	Z	0	5
30	MP2B	Mx	.002	5
31	MP2B	X	-27.527	1
32	MP2B	Z	0	1
33	MP2B	Mx	-.019	1
34	MP2B	X	-27.527	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
35	MP2B	Z	0	5
36	MP2B	Mx	-.019	5
37	MP1C	X	-34.566	1
38	MP1C	Z	0	1
39	MP1C	Mx	-.031	1
40	MP1C	X	-34.566	5
41	MP1C	Z	0	5
42	MP1C	Mx	-.031	5
43	MP1C	X	-34.566	1
44	MP1C	Z	0	1
45	MP1C	Mx	.009	1
46	MP1C	X	-34.566	5
47	MP1C	Z	0	5
48	MP1C	Mx	.009	5
49	MP1B	X	-13.805	4
50	MP1B	Z	0	4
51	MP1B	Mx	.004	4
52	MP2C	X	-13.805	4
53	MP2C	Z	0	4
54	MP2C	Mx	.004	4
55	MP3A	X	-11.302	4
56	MP3A	Z	0	4
57	MP3A	Mx	-.005	4
58	MP4C	X	-13.805	4
59	MP4C	Z	0	4
60	MP4C	Mx	.004	4
61	MP1A	X	-9.595	4
62	MP1A	Z	0	4
63	MP1A	Mx	-.005	4
64	MP1C	X	-13.049	4
65	MP1C	Z	0	4
66	MP1C	Mx	.004	4
67	MP2B	X	-13.049	4
68	MP2B	Z	0	4
69	MP2B	Mx	.004	4
70	MP4A	X	-9.595	4
71	MP4A	Z	0	4
72	MP4A	Mx	-.005	4
73	MP2A	X	-13.406	2.5
74	MP2A	Z	0	2.5
75	MP2A	Mx	.005	2.5
76	MP2A	X	-13.406	3.5
77	MP2A	Z	0	3.5
78	MP2A	Mx	.005	3.5
79	MP3C	X	-14.344	2.5
80	MP3C	Z	0	2.5
81	MP3C	Mx	-.005	2.5
82	MP3C	X	-14.344	3.5
83	MP3C	Z	0	3.5
84	MP3C	Mx	-.005	3.5
85	MP4B	X	-14.344	2.5
86	MP4B	Z	0	2.5
87	MP4B	Mx	-.005	2.5
88	MP4B	X	-14.344	3.5
89	MP4B	Z	0	3.5
90	MP4B	Mx	-.005	3.5
91	M181	X	-26.223	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
92	M181	Z	0	2
93	M181	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	-36.506	1
2	MP4A	Z	-21.077	1
3	MP4A	Mx	-.016	1
4	MP4A	X	-36.506	5
5	MP4A	Z	-21.077	5
6	MP4A	Mx	-.016	5
7	MP4A	X	-36.506	1
8	MP4A	Z	-21.077	1
9	MP4A	Mx	.046	1
10	MP4A	X	-36.506	5
11	MP4A	Z	-21.077	5
12	MP4A	Mx	.046	5
13	MP5C	X	-50.044	1
14	MP5C	Z	-28.893	1
15	MP5C	Mx	-.062	1
16	MP5C	X	-50.044	5
17	MP5C	Z	-28.893	5
18	MP5C	Mx	-.062	5
19	MP5C	X	-50.044	1
20	MP5C	Z	-28.893	1
21	MP5C	Mx	.057	1
22	MP5C	X	-50.044	5
23	MP5C	Z	-28.893	5
24	MP5C	Mx	.057	5
25	MP2B	X	-27.095	1
26	MP2B	Z	-15.643	1
27	MP2B	Mx	.013	1
28	MP2B	X	-27.095	5
29	MP2B	Z	-15.643	5
30	MP2B	Mx	.013	5
31	MP2B	X	-27.095	1
32	MP2B	Z	-15.643	1
33	MP2B	Mx	-.018	1
34	MP2B	X	-27.095	5
35	MP2B	Z	-15.643	5
36	MP2B	Mx	-.018	5
37	MP1C	X	-20.911	1
38	MP1C	Z	-12.073	1
39	MP1C	Mx	-.018	1
40	MP1C	X	-20.911	5
41	MP1C	Z	-12.073	5
42	MP1C	Mx	-.018	5
43	MP1C	X	-20.911	1
44	MP1C	Z	-12.073	1
45	MP1C	Mx	-.005	1
46	MP1C	X	-20.911	5
47	MP1C	Z	-12.073	5
48	MP1C	Mx	-.005	5
49	MP1B	X	-13.553	4
50	MP1B	Z	-7.825	4
51	MP1B	Mx	.001	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
52	MP2C	X	-9.997	4
53	MP2C	Z	-5.772	4
54	MP2C	Mx	.005	4
55	MP3A	X	-11.594	4
56	MP3A	Z	-6.694	4
57	MP3A	Mx	-.005	4
58	MP4C	X	-9.997	4
59	MP4C	Z	-5.772	4
60	MP4C	Mx	.005	4
61	MP1A	X	-10.801	4
62	MP1A	Z	-6.236	4
63	MP1A	Mx	-.004	4
64	MP1C	X	-8.598	4
65	MP1C	Z	-4.964	4
66	MP1C	Mx	.005	4
67	MP2B	X	-13.505	4
68	MP2B	Z	-7.797	4
69	MP2B	Mx	.001	4
70	MP4A	X	-10.801	4
71	MP4A	Z	-6.236	4
72	MP4A	Mx	-.004	4
73	MP2A	X	-15.662	2.5
74	MP2A	Z	-9.042	2.5
75	MP2A	Mx	.002	2.5
76	MP2A	X	-15.662	3.5
77	MP2A	Z	-9.042	3.5
78	MP2A	Mx	.002	3.5
79	MP3C	X	-8.025	2.5
80	MP3C	Z	-4.633	2.5
81	MP3C	Mx	-.004	2.5
82	MP3C	X	-8.025	3.5
83	MP3C	Z	-4.633	3.5
84	MP3C	Mx	-.004	3.5
85	MP4B	X	-16.007	2.5
86	MP4B	Z	-9.241	2.5
87	MP4B	Mx	-.002	2.5
88	MP4B	X	-16.007	3.5
89	MP4B	Z	-9.241	3.5
90	MP4B	Mx	-.002	3.5
91	M181	X	-25.595	2
92	M181	Z	-14.777	2
93	M181	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	-27.95	1
2	MP4A	Z	-48.412	1
3	MP4A	Mx	-.049	1
4	MP4A	X	-27.95	5
5	MP4A	Z	-48.412	5
6	MP4A	Mx	-.049	5
7	MP4A	X	-27.95	1
8	MP4A	Z	-48.412	1
9	MP4A	Mx	.063	1
10	MP4A	X	-27.95	5
11	MP4A	Z	-48.412	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
12	MP4A	Mx	.063	5
13	MP5C	X	-23.792	1
14	MP5C	Z	-41.208	1
15	MP5C	Mx	-.054	1
16	MP5C	X	-23.792	5
17	MP5C	Z	-41.208	5
18	MP5C	Mx	-.054	5
19	MP5C	X	-23.792	1
20	MP5C	Z	-41.208	1
21	MP5C	Mx	.027	1
22	MP5C	X	-23.792	5
23	MP5C	Z	-41.208	5
24	MP5C	Mx	.027	5
25	MP2B	X	-15.217	1
26	MP2B	Z	-26.357	1
27	MP2B	Mx	.02	1
28	MP2B	X	-15.217	5
29	MP2B	Z	-26.357	5
30	MP2B	Mx	.02	5
31	MP2B	X	-15.217	1
32	MP2B	Z	-26.357	1
33	MP2B	Mx	-.009	1
34	MP2B	X	-15.217	5
35	MP2B	Z	-26.357	5
36	MP2B	Mx	-.009	5
37	MP1C	X	-11.11	1
38	MP1C	Z	-19.243	1
39	MP1C	Mx	-.008	1
40	MP1C	X	-11.11	5
41	MP1C	Z	-19.243	5
42	MP1C	Mx	-.008	5
43	MP1C	X	-11.11	1
44	MP1C	Z	-19.243	1
45	MP1C	Mx	-.014	1
46	MP1C	X	-11.11	5
47	MP1C	Z	-19.243	5
48	MP1C	Mx	-.014	5
49	MP1B	X	-7.616	4
50	MP1B	Z	-13.191	4
51	MP1B	Mx	-.003	4
52	MP2C	X	-5.563	4
53	MP2C	Z	-9.635	4
54	MP2C	Mx	.005	4
55	MP3A	X	-7.736	4
56	MP3A	Z	-13.399	4
57	MP3A	Mx	-.002	4
58	MP4C	X	-5.563	4
59	MP4C	Z	-9.635	4
60	MP4C	Mx	.005	4
61	MP1A	X	-7.675	4
62	MP1A	Z	-13.293	4
63	MP1A	Mx	-.002	4
64	MP1C	X	-4.675	4
65	MP1C	Z	-8.098	4
66	MP1C	Mx	.005	4
67	MP2B	X	-7.509	4
68	MP2B	Z	-13.005	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
69	MP2B	Mx	-.003	4
70	MP4A	X	-7.675	4
71	MP4A	Z	-13.293	4
72	MP4A	Mx	-.002	4
73	MP2A	X	-9.042	2.5
74	MP2A	Z	-15.662	2.5
75	MP2A	Mx	-.002	2.5
76	MP2A	X	-9.042	3.5
77	MP2A	Z	-15.662	3.5
78	MP2A	Mx	-.002	3.5
79	MP3C	X	-4.164	2.5
80	MP3C	Z	-7.212	2.5
81	MP3C	Mx	-.004	2.5
82	MP3C	X	-4.164	3.5
83	MP3C	Z	-7.212	3.5
84	MP3C	Mx	-.004	3.5
85	MP4B	X	-8.772	2.5
86	MP4B	Z	-15.194	2.5
87	MP4B	Mx	.003	2.5
88	MP4B	X	-8.772	3.5
89	MP4B	Z	-15.194	3.5
90	MP4B	Mx	.003	3.5
91	M181	X	-16.135	2
92	M181	Z	-27.947	2
93	M181	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	0	1
2	MP4A	Z	-18.835	1
3	MP4A	Mx	-.021	1
4	MP4A	X	0	5
5	MP4A	Z	-18.835	5
6	MP4A	Mx	-.021	5
7	MP4A	X	0	1
8	MP4A	Z	-18.835	1
9	MP4A	Mx	.017	1
10	MP4A	X	0	5
11	MP4A	Z	-18.835	5
12	MP4A	Mx	.017	5
13	MP5C	X	0	1
14	MP5C	Z	-10.424	1
15	MP5C	Mx	-.009	1
16	MP5C	X	0	5
17	MP5C	Z	-10.424	5
18	MP5C	Mx	-.009	5
19	MP5C	X	0	1
20	MP5C	Z	-10.424	1
21	MP5C	Mx	-.000135	1
22	MP5C	X	0	5
23	MP5C	Z	-10.424	5
24	MP5C	Mx	-.000135	5
25	MP2B	X	0	1
26	MP2B	Z	-8.269	1
27	MP2B	Mx	.006	1
28	MP2B	X	0	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
29	MP2B	Z	-8.269	5
30	MP2B	Mx	.006	5
31	MP2B	X	0	1
32	MP2B	Z	-8.269	1
33	MP2B	Mx	.00051	1
34	MP2B	X	0	5
35	MP2B	Z	-8.269	5
36	MP2B	Mx	.00051	5
37	MP1C	X	0	1
38	MP1C	Z	-9.977	1
39	MP1C	Mx	.000988	1
40	MP1C	X	0	5
41	MP1C	Z	-9.977	5
42	MP1C	Mx	.000988	5
43	MP1C	X	0	1
44	MP1C	Z	-9.977	1
45	MP1C	Mx	-.009	1
46	MP1C	X	0	5
47	MP1C	Z	-9.977	5
48	MP1C	Mx	-.009	5
49	MP1B	X	0	4
50	MP1B	Z	-3.838	4
51	MP1B	Mx	-.001	4
52	MP2C	X	0	4
53	MP2C	Z	-3.838	4
54	MP2C	Mx	.001	4
55	MP3A	X	0	4
56	MP3A	Z	-4.659	4
57	MP3A	Mx	.000603	4
58	MP4C	X	0	4
59	MP4C	Z	-3.838	4
60	MP4C	Mx	.001	4
61	MP1A	X	0	4
62	MP1A	Z	-4.618	4
63	MP1A	Mx	.000598	4
64	MP1C	X	0	4
65	MP1C	Z	-3.483	4
66	MP1C	Mx	.001	4
67	MP2B	X	0	4
68	MP2B	Z	-3.483	4
69	MP2B	Mx	-.001	4
70	MP4A	X	0	4
71	MP4A	Z	-4.618	4
72	MP4A	Mx	.000598	4
73	MP2A	X	0	2.5
74	MP2A	Z	-4.177	2.5
75	MP2A	Mx	-.001	2.5
76	MP2A	X	0	3.5
77	MP2A	Z	-4.177	3.5
78	MP2A	Mx	-.001	3.5
79	MP3C	X	0	2.5
80	MP3C	Z	-3.86	2.5
81	MP3C	Mx	-.001	2.5
82	MP3C	X	0	3.5
83	MP3C	Z	-3.86	3.5
84	MP3C	Mx	-.001	3.5
85	MP4B	X	0	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
86	MP4B	Z	-3.86	2.5
87	MP4B	Mx	.001	2.5
88	MP4B	X	0	3.5
89	MP4B	Z	-3.86	3.5
90	MP4B	Mx	.001	3.5
91	M181	X	0	2
92	M181	Z	-10.058	2
93	M181	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	7.004	1
2	MP4A	Z	-12.131	1
3	MP4A	Mx	-.015	1
4	MP4A	X	7.004	5
5	MP4A	Z	-12.131	5
6	MP4A	Mx	-.015	5
7	MP4A	X	7.004	1
8	MP4A	Z	-12.131	1
9	MP4A	Mx	.005	1
10	MP4A	X	7.004	5
11	MP4A	Z	-12.131	5
12	MP4A	Mx	.005	5
13	MP5C	X	4.259	1
14	MP5C	Z	-7.376	1
15	MP5C	Mx	-.003	1
16	MP5C	X	4.259	5
17	MP5C	Z	-7.376	5
18	MP5C	Mx	-.003	5
19	MP5C	X	4.259	1
20	MP5C	Z	-7.376	1
21	MP5C	Mx	-.005	1
22	MP5C	X	4.259	5
23	MP5C	Z	-7.376	5
24	MP5C	Mx	-.005	5
25	MP2B	X	3.464	1
26	MP2B	Z	-6.001	1
27	MP2B	Mx	.004	1
28	MP2B	X	3.464	5
29	MP2B	Z	-6.001	5
30	MP2B	Mx	.004	5
31	MP2B	X	3.464	1
32	MP2B	Z	-6.001	1
33	MP2B	Mx	.003	1
34	MP2B	X	3.464	5
35	MP2B	Z	-6.001	5
36	MP2B	Mx	.003	5
37	MP1C	X	6.824	1
38	MP1C	Z	-11.82	1
39	MP1C	Mx	.007	1
40	MP1C	X	6.824	5
41	MP1C	Z	-11.82	5
42	MP1C	Mx	.007	5
43	MP1C	X	6.824	1
44	MP1C	Z	-11.82	1
45	MP1C	Mx	-.012	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
46	MP1C	X	6.824	5
47	MP1C	Z	-11.82	5
48	MP1C	Mx	-.012	5
49	MP1B	X	1.616	4
50	MP1B	Z	-2.8	4
51	MP1B	Mx	-.002	4
52	MP2C	X	2.29	4
53	MP2C	Z	-3.966	4
54	MP2C	Mx	.000783	4
55	MP3A	X	1.987	4
56	MP3A	Z	-3.442	4
57	MP3A	Mx	.001	4
58	MP4C	X	2.29	4
59	MP4C	Z	-3.966	4
60	MP4C	Mx	.000783	4
61	MP1A	X	1.836	4
62	MP1A	Z	-3.18	4
63	MP1A	Mx	.001	4
64	MP1C	X	2.255	4
65	MP1C	Z	-3.905	4
66	MP1C	Mx	.000771	4
67	MP2B	X	1.323	4
68	MP2B	Z	-2.291	4
69	MP2B	Mx	-.001	4
70	MP4A	X	1.836	4
71	MP4A	Z	-3.18	4
72	MP4A	Mx	.001	4
73	MP2A	X	1.298	2.5
74	MP2A	Z	-2.247	2.5
75	MP2A	Mx	-.001	2.5
76	MP2A	X	1.298	3.5
77	MP2A	Z	-2.247	3.5
78	MP2A	Mx	-.001	3.5
79	MP3C	X	2.788	2.5
80	MP3C	Z	-4.829	2.5
81	MP3C	Mx	-.000954	2.5
82	MP3C	X	2.788	3.5
83	MP3C	Z	-4.829	3.5
84	MP3C	Mx	-.000954	3.5
85	MP4B	X	1.23	2.5
86	MP4B	Z	-2.131	2.5
87	MP4B	Mx	.001	2.5
88	MP4B	X	1.23	3.5
89	MP4B	Z	-2.131	3.5
90	MP4B	Mx	.001	3.5
91	M181	X	4.453	2
92	M181	Z	-7.713	2
93	M181	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	7.949	1
2	MP4A	Z	-4.59	1
3	MP4A	Mx	-.007	1
4	MP4A	X	7.949	5
5	MP4A	Z	-4.59	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
6	MP4A	Mx	-.007	5
7	MP4A	X	7.949	1
8	MP4A	Z	-4.59	1
9	MP4A	Mx	-.002	1
10	MP4A	X	7.949	5
11	MP4A	Z	-4.59	5
12	MP4A	Mx	-.002	5
13	MP5C	X	10.479	1
14	MP5C	Z	-6.05	1
15	MP5C	Mx	.002	1
16	MP5C	X	10.479	5
17	MP5C	Z	-6.05	5
18	MP5C	Mx	.002	5
19	MP5C	X	10.479	1
20	MP5C	Z	-6.05	1
21	MP5C	Mx	-.012	1
22	MP5C	X	10.479	5
23	MP5C	Z	-6.05	5
24	MP5C	Mx	-.012	5
25	MP2B	X	6.264	1
26	MP2B	Z	-3.616	1
27	MP2B	Mx	.002	1
28	MP2B	X	6.264	5
29	MP2B	Z	-3.616	5
30	MP2B	Mx	.002	5
31	MP2B	X	6.264	1
32	MP2B	Z	-3.616	1
33	MP2B	Mx	.005	1
34	MP2B	X	6.264	5
35	MP2B	Z	-3.616	5
36	MP2B	Mx	.005	5
37	MP1C	X	12.407	1
38	MP1C	Z	-7.163	1
39	MP1C	Mx	.012	1
40	MP1C	X	12.407	5
41	MP1C	Z	-7.163	5
42	MP1C	Mx	.012	5
43	MP1C	X	12.407	1
44	MP1C	Z	-7.163	1
45	MP1C	Mx	-.009	1
46	MP1C	X	12.407	5
47	MP1C	Z	-7.163	5
48	MP1C	Mx	-.009	5
49	MP1B	X	2.918	4
50	MP1B	Z	-1.685	4
51	MP1B	Mx	-.002	4
52	MP2C	X	4.085	4
53	MP2C	Z	-2.359	4
54	MP2C	Mx	-.000409	4
55	MP3A	X	2.85	4
56	MP3A	Z	-1.645	4
57	MP3A	Mx	.002	4
58	MP4C	X	4.085	4
59	MP4C	Z	-2.359	4
60	MP4C	Mx	-.000409	4
61	MP1A	X	2.361	4
62	MP1A	Z	-1.363	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
63	MP1A	Mx	.001	4
64	MP1C	X	4.069	4
65	MP1C	Z	-2.349	4
66	MP1C	Mx	-.000408	4
67	MP2B	X	2.456	4
68	MP2B	Z	-1.418	4
69	MP2B	Mx	-.001	4
70	MP4A	X	2.361	4
71	MP4A	Z	-1.363	4
72	MP4A	Mx	.001	4
73	MP2A	X	2.247	2.5
74	MP2A	Z	-1.298	2.5
75	MP2A	Mx	-.001	2.5
76	MP2A	X	2.247	3.5
77	MP2A	Z	-1.298	3.5
78	MP2A	Mx	-.001	3.5
79	MP3C	X	5.104	2.5
80	MP3C	Z	-2.947	2.5
81	MP3C	Mx	.000512	2.5
82	MP3C	X	5.104	3.5
83	MP3C	Z	-2.947	3.5
84	MP3C	Mx	.000512	3.5
85	MP4B	X	2.406	2.5
86	MP4B	Z	-1.389	2.5
87	MP4B	Mx	.001	2.5
88	MP4B	X	2.406	3.5
89	MP4B	Z	-1.389	3.5
90	MP4B	Mx	.001	3.5
91	M181	X	6.899	2
92	M181	Z	-3.983	2
93	M181	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	9.179	1
2	MP4A	Z	0	1
3	MP4A	Mx	-.002	1
4	MP4A	X	9.179	5
5	MP4A	Z	0	5
6	MP4A	Mx	-.002	5
7	MP4A	X	9.179	1
8	MP4A	Z	0	1
9	MP4A	Mx	-.007	1
10	MP4A	X	9.179	5
11	MP4A	Z	0	5
12	MP4A	Mx	-.007	5
13	MP5C	X	17.591	1
14	MP5C	Z	0	1
15	MP5C	Mx	.013	1
16	MP5C	X	17.591	5
17	MP5C	Z	0	5
18	MP5C	Mx	.013	5
19	MP5C	X	17.591	1
20	MP5C	Z	0	1
21	MP5C	Mx	-.02	1
22	MP5C	X	17.591	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
23	MP5C	Z	0	5
24	MP5C	Mx	-.02	5
25	MP2B	X	8.876	1
26	MP2B	Z	0	1
27	MP2B	Mx	-.000547	1
28	MP2B	X	8.876	5
29	MP2B	Z	0	5
30	MP2B	Mx	-.000547	5
31	MP2B	X	8.876	1
32	MP2B	Z	0	1
33	MP2B	Mx	.006	1
34	MP2B	X	8.876	5
35	MP2B	Z	0	5
36	MP2B	Mx	.006	5
37	MP1C	X	11.334	1
38	MP1C	Z	0	1
39	MP1C	Mx	.01	1
40	MP1C	X	11.334	5
41	MP1C	Z	0	5
42	MP1C	Mx	.01	5
43	MP1C	X	11.334	1
44	MP1C	Z	0	1
45	MP1C	Mx	-.003	1
46	MP1C	X	11.334	5
47	MP1C	Z	0	5
48	MP1C	Mx	-.003	5
49	MP1B	X	4.112	4
50	MP1B	Z	0	4
51	MP1B	Mx	-.001	4
52	MP2C	X	4.112	4
53	MP2C	Z	0	4
54	MP2C	Mx	-.001	4
55	MP3A	X	3.291	4
56	MP3A	Z	0	4
57	MP3A	Mx	.002	4
58	MP4C	X	4.112	4
59	MP4C	Z	0	4
60	MP4C	Mx	-.001	4
61	MP1A	X	2.726	4
62	MP1A	Z	0	4
63	MP1A	Mx	.001	4
64	MP1C	X	3.862	4
65	MP1C	Z	0	4
66	MP1C	Mx	-.001	4
67	MP2B	X	3.862	4
68	MP2B	Z	0	4
69	MP2B	Mx	-.001	4
70	MP4A	X	2.726	4
71	MP4A	Z	0	4
72	MP4A	Mx	.001	4
73	MP2A	X	4.177	2.5
74	MP2A	Z	0	2.5
75	MP2A	Mx	-.001	2.5
76	MP2A	X	4.177	3.5
77	MP2A	Z	0	3.5
78	MP2A	Mx	-.001	3.5
79	MP3C	X	4.494	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
80	MP3C	Z	0	2.5
81	MP3C	Mx	.001	2.5
82	MP3C	X	4.494	3.5
83	MP3C	Z	0	3.5
84	MP3C	Mx	.001	3.5
85	MP4B	X	4.494	2.5
86	MP4B	Z	0	2.5
87	MP4B	Mx	.001	2.5
88	MP4B	X	4.494	3.5
89	MP4B	Z	0	3.5
90	MP4B	Mx	.001	3.5
91	M181	X	8.179	2
92	M181	Z	0	2
93	M181	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	12.131	1
2	MP4A	Z	7.004	1
3	MP4A	Mx	.005	1
4	MP4A	X	12.131	5
5	MP4A	Z	7.004	5
6	MP4A	Mx	.005	5
7	MP4A	X	12.131	1
8	MP4A	Z	7.004	1
9	MP4A	Mx	-.015	1
10	MP4A	X	12.131	5
11	MP4A	Z	7.004	5
12	MP4A	Mx	-.015	5
13	MP5C	X	16.885	1
14	MP5C	Z	9.749	1
15	MP5C	Mx	.021	1
16	MP5C	X	16.885	5
17	MP5C	Z	9.749	5
18	MP5C	Mx	.021	5
19	MP5C	X	16.885	1
20	MP5C	Z	9.749	1
21	MP5C	Mx	-.019	1
22	MP5C	X	16.885	5
23	MP5C	Z	9.749	5
24	MP5C	Mx	-.019	5
25	MP2B	X	8.847	1
26	MP2B	Z	5.108	1
27	MP2B	Mx	-.004	1
28	MP2B	X	8.847	5
29	MP2B	Z	5.108	5
30	MP2B	Mx	-.004	5
31	MP2B	X	8.847	1
32	MP2B	Z	5.108	1
33	MP2B	Mx	.006	1
34	MP2B	X	8.847	5
35	MP2B	Z	5.108	5
36	MP2B	Mx	.006	5
37	MP1C	X	6.636	1
38	MP1C	Z	3.831	1
39	MP1C	Mx	.006	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
40	MP1C	X	6.636	5
41	MP1C	Z	3.831	5
42	MP1C	Mx	.006	5
43	MP1C	X	6.636	1
44	MP1C	Z	3.831	1
45	MP1C	Mx	.002	1
46	MP1C	X	6.636	5
47	MP1C	Z	3.831	5
48	MP1C	Mx	.002	5
49	MP1B	X	4.085	4
50	MP1B	Z	2.359	4
51	MP1B	Mx	-.000409	4
52	MP2C	X	2.918	4
53	MP2C	Z	1.685	4
54	MP2C	Mx	-.002	4
55	MP3A	X	3.442	4
56	MP3A	Z	1.987	4
57	MP3A	Mx	.001	4
58	MP4C	X	2.918	4
59	MP4C	Z	1.685	4
60	MP4C	Mx	-.002	4
61	MP1A	X	3.18	4
62	MP1A	Z	1.836	4
63	MP1A	Mx	.001	4
64	MP1C	X	2.456	4
65	MP1C	Z	1.418	4
66	MP1C	Mx	-.001	4
67	MP2B	X	4.069	4
68	MP2B	Z	2.349	4
69	MP2B	Mx	-.000408	4
70	MP4A	X	3.18	4
71	MP4A	Z	1.836	4
72	MP4A	Mx	.001	4
73	MP2A	X	4.987	2.5
74	MP2A	Z	2.88	2.5
75	MP2A	Mx	-.000745	2.5
76	MP2A	X	4.987	3.5
77	MP2A	Z	2.88	3.5
78	MP2A	Mx	-.000745	3.5
79	MP3C	X	2.406	2.5
80	MP3C	Z	1.389	2.5
81	MP3C	Mx	.001	2.5
82	MP3C	X	2.406	3.5
83	MP3C	Z	1.389	3.5
84	MP3C	Mx	.001	3.5
85	MP4B	X	5.104	2.5
86	MP4B	Z	2.947	2.5
87	MP4B	Mx	.000512	2.5
88	MP4B	X	5.104	3.5
89	MP4B	Z	2.947	3.5
90	MP4B	Mx	.000512	3.5
91	M181	X	8.081	2
92	M181	Z	4.666	2
93	M181	Mx	0	2

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

Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	9.418	1
2	MP4A	Z	16.312	1
3	MP4A	Mx	.017	1
4	MP4A	X	9.418	5
5	MP4A	Z	16.312	5
6	MP4A	Mx	.017	5
7	MP4A	X	9.418	1
8	MP4A	Z	16.312	1
9	MP4A	Mx	-.021	1
10	MP4A	X	9.418	5
11	MP4A	Z	16.312	5
12	MP4A	Mx	-.021	5
13	MP5C	X	7.957	1
14	MP5C	Z	13.782	1
15	MP5C	Mx	.018	1
16	MP5C	X	7.957	5
17	MP5C	Z	13.782	5
18	MP5C	Mx	.018	5
19	MP5C	X	7.957	1
20	MP5C	Z	13.782	1
21	MP5C	Mx	-.009	1
22	MP5C	X	7.957	5
23	MP5C	Z	13.782	5
24	MP5C	Mx	-.009	5
25	MP2B	X	4.956	1
26	MP2B	Z	8.584	1
27	MP2B	Mx	-.006	1
28	MP2B	X	4.956	5
29	MP2B	Z	8.584	5
30	MP2B	Mx	-.006	5
31	MP2B	X	4.956	1
32	MP2B	Z	8.584	1
33	MP2B	Mx	.003	1
34	MP2B	X	4.956	5
35	MP2B	Z	8.584	5
36	MP2B	Mx	.003	5
37	MP1C	X	3.492	1
38	MP1C	Z	6.049	1
39	MP1C	Mx	.003	1
40	MP1C	X	3.492	5
41	MP1C	Z	6.049	5
42	MP1C	Mx	.003	5
43	MP1C	X	3.492	1
44	MP1C	Z	6.049	1
45	MP1C	Mx	.004	1
46	MP1C	X	3.492	5
47	MP1C	Z	6.049	5
48	MP1C	Mx	.004	5
49	MP1B	X	2.29	4
50	MP1B	Z	3.966	4
51	MP1B	Mx	.000783	4
52	MP2C	X	1.616	4
53	MP2C	Z	2.8	4
54	MP2C	Mx	-.002	4
55	MP3A	X	2.329	4
56	MP3A	Z	4.035	4
57	MP3A	Mx	.000603	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP4C	X	1.616	4
59	MP4C	Z	2.8	4
60	MP4C	Mx	-.002	4
61	MP1A	X	2.309	4
62	MP1A	Z	4	4
63	MP1A	Mx	.000598	4
64	MP1C	X	1.323	4
65	MP1C	Z	2.291	4
66	MP1C	Mx	-.001	4
67	MP2B	X	2.255	4
68	MP2B	Z	3.905	4
69	MP2B	Mx	.000771	4
70	MP4A	X	2.309	4
71	MP4A	Z	4	4
72	MP4A	Mx	.000598	4
73	MP2A	X	2.88	2.5
74	MP2A	Z	4.987	2.5
75	MP2A	Mx	.000745	2.5
76	MP2A	X	2.88	3.5
77	MP2A	Z	4.987	3.5
78	MP2A	Mx	.000745	3.5
79	MP3C	X	1.23	2.5
80	MP3C	Z	2.131	2.5
81	MP3C	Mx	.001	2.5
82	MP3C	X	1.23	3.5
83	MP3C	Z	2.131	3.5
84	MP3C	Mx	.001	3.5
85	MP4B	X	2.788	2.5
86	MP4B	Z	4.829	2.5
87	MP4B	Mx	-.000954	2.5
88	MP4B	X	2.788	3.5
89	MP4B	Z	4.829	3.5
90	MP4B	Mx	-.000954	3.5
91	M181	X	5.136	2
92	M181	Z	8.895	2
93	M181	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	0	1
2	MP4A	Z	18.835	1
3	MP4A	Mx	.021	1
4	MP4A	X	0	5
5	MP4A	Z	18.835	5
6	MP4A	Mx	.021	5
7	MP4A	X	0	1
8	MP4A	Z	18.835	1
9	MP4A	Mx	-.017	1
10	MP4A	X	0	5
11	MP4A	Z	18.835	5
12	MP4A	Mx	-.017	5
13	MP5C	X	0	1
14	MP5C	Z	10.424	1
15	MP5C	Mx	.009	1
16	MP5C	X	0	5
17	MP5C	Z	10.424	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
18	MP5C	Mx	.009	5
19	MP5C	X	0	1
20	MP5C	Z	10.424	1
21	MP5C	Mx	.000135	1
22	MP5C	X	0	5
23	MP5C	Z	10.424	5
24	MP5C	Mx	.000135	5
25	MP2B	X	0	1
26	MP2B	Z	8.269	1
27	MP2B	Mx	-.006	1
28	MP2B	X	0	5
29	MP2B	Z	8.269	5
30	MP2B	Mx	-.006	5
31	MP2B	X	0	1
32	MP2B	Z	8.269	1
33	MP2B	Mx	-.00051	1
34	MP2B	X	0	5
35	MP2B	Z	8.269	5
36	MP2B	Mx	-.00051	5
37	MP1C	X	0	1
38	MP1C	Z	9.977	1
39	MP1C	Mx	-.000988	1
40	MP1C	X	0	5
41	MP1C	Z	9.977	5
42	MP1C	Mx	-.000988	5
43	MP1C	X	0	1
44	MP1C	Z	9.977	1
45	MP1C	Mx	.009	1
46	MP1C	X	0	5
47	MP1C	Z	9.977	5
48	MP1C	Mx	.009	5
49	MP1B	X	0	4
50	MP1B	Z	3.838	4
51	MP1B	Mx	.001	4
52	MP2C	X	0	4
53	MP2C	Z	3.838	4
54	MP2C	Mx	-.001	4
55	MP3A	X	0	4
56	MP3A	Z	4.659	4
57	MP3A	Mx	-.000603	4
58	MP4C	X	0	4
59	MP4C	Z	3.838	4
60	MP4C	Mx	-.001	4
61	MP1A	X	0	4
62	MP1A	Z	4.618	4
63	MP1A	Mx	-.000598	4
64	MP1C	X	0	4
65	MP1C	Z	3.483	4
66	MP1C	Mx	-.001	4
67	MP2B	X	0	4
68	MP2B	Z	3.483	4
69	MP2B	Mx	.001	4
70	MP4A	X	0	4
71	MP4A	Z	4.618	4
72	MP4A	Mx	-.000598	4
73	MP2A	X	0	2.5
74	MP2A	Z	4.177	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
75	MP2A	Mx	.001	2.5
76	MP2A	X	0	3.5
77	MP2A	Z	4.177	3.5
78	MP2A	Mx	.001	3.5
79	MP3C	X	0	2.5
80	MP3C	Z	3.86	2.5
81	MP3C	Mx	.001	2.5
82	MP3C	X	0	3.5
83	MP3C	Z	3.86	3.5
84	MP3C	Mx	.001	3.5
85	MP4B	X	0	2.5
86	MP4B	Z	3.86	2.5
87	MP4B	Mx	-.001	2.5
88	MP4B	X	0	3.5
89	MP4B	Z	3.86	3.5
90	MP4B	Mx	-.001	3.5
91	M181	X	0	2
92	M181	Z	10.058	2
93	M181	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	-7.004	1
2	MP4A	Z	12.131	1
3	MP4A	Mx	.015	1
4	MP4A	X	-7.004	5
5	MP4A	Z	12.131	5
6	MP4A	Mx	.015	5
7	MP4A	X	-7.004	1
8	MP4A	Z	12.131	1
9	MP4A	Mx	-.005	1
10	MP4A	X	-7.004	5
11	MP4A	Z	12.131	5
12	MP4A	Mx	-.005	5
13	MP5C	X	-4.259	1
14	MP5C	Z	7.376	1
15	MP5C	Mx	.003	1
16	MP5C	X	-4.259	5
17	MP5C	Z	7.376	5
18	MP5C	Mx	.003	5
19	MP5C	X	-4.259	1
20	MP5C	Z	7.376	1
21	MP5C	Mx	.005	1
22	MP5C	X	-4.259	5
23	MP5C	Z	7.376	5
24	MP5C	Mx	.005	5
25	MP2B	X	-3.464	1
26	MP2B	Z	6.001	1
27	MP2B	Mx	-.004	1
28	MP2B	X	-3.464	5
29	MP2B	Z	6.001	5
30	MP2B	Mx	-.004	5
31	MP2B	X	-3.464	1
32	MP2B	Z	6.001	1
33	MP2B	Mx	-.003	1
34	MP2B	X	-3.464	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
35	MP2B	Z	6.001	5
36	MP2B	Mx	-.003	5
37	MP1C	X	-6.824	1
38	MP1C	Z	11.82	1
39	MP1C	Mx	-.007	1
40	MP1C	X	-6.824	5
41	MP1C	Z	11.82	5
42	MP1C	Mx	-.007	5
43	MP1C	X	-6.824	1
44	MP1C	Z	11.82	1
45	MP1C	Mx	.012	1
46	MP1C	X	-6.824	5
47	MP1C	Z	11.82	5
48	MP1C	Mx	.012	5
49	MP1B	X	-1.616	4
50	MP1B	Z	2.8	4
51	MP1B	Mx	.002	4
52	MP2C	X	-2.29	4
53	MP2C	Z	3.966	4
54	MP2C	Mx	-.000783	4
55	MP3A	X	-1.987	4
56	MP3A	Z	3.442	4
57	MP3A	Mx	-.001	4
58	MP4C	X	-2.29	4
59	MP4C	Z	3.966	4
60	MP4C	Mx	-.000783	4
61	MP1A	X	-1.836	4
62	MP1A	Z	3.18	4
63	MP1A	Mx	-.001	4
64	MP1C	X	-2.255	4
65	MP1C	Z	3.905	4
66	MP1C	Mx	-.000771	4
67	MP2B	X	-1.323	4
68	MP2B	Z	2.291	4
69	MP2B	Mx	.001	4
70	MP4A	X	-1.836	4
71	MP4A	Z	3.18	4
72	MP4A	Mx	-.001	4
73	MP2A	X	-1.298	2.5
74	MP2A	Z	2.247	2.5
75	MP2A	Mx	.001	2.5
76	MP2A	X	-1.298	3.5
77	MP2A	Z	2.247	3.5
78	MP2A	Mx	.001	3.5
79	MP3C	X	-2.788	2.5
80	MP3C	Z	4.829	2.5
81	MP3C	Mx	.000954	2.5
82	MP3C	X	-2.788	3.5
83	MP3C	Z	4.829	3.5
84	MP3C	Mx	.000954	3.5
85	MP4B	X	-1.23	2.5
86	MP4B	Z	2.131	2.5
87	MP4B	Mx	-.001	2.5
88	MP4B	X	-1.23	3.5
89	MP4B	Z	2.131	3.5
90	MP4B	Mx	-.001	3.5
91	M181	X	-4.453	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
92	M181	Z	7.713	2
93	M181	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	-7.949	1
2	MP4A	Z	4.59	1
3	MP4A	Mx	.007	1
4	MP4A	X	-7.949	5
5	MP4A	Z	4.59	5
6	MP4A	Mx	.007	5
7	MP4A	X	-7.949	1
8	MP4A	Z	4.59	1
9	MP4A	Mx	.002	1
10	MP4A	X	-7.949	5
11	MP4A	Z	4.59	5
12	MP4A	Mx	.002	5
13	MP5C	X	-10.479	1
14	MP5C	Z	6.05	1
15	MP5C	Mx	-.002	1
16	MP5C	X	-10.479	5
17	MP5C	Z	6.05	5
18	MP5C	Mx	-.002	5
19	MP5C	X	-10.479	1
20	MP5C	Z	6.05	1
21	MP5C	Mx	.012	1
22	MP5C	X	-10.479	5
23	MP5C	Z	6.05	5
24	MP5C	Mx	.012	5
25	MP2B	X	-6.264	1
26	MP2B	Z	3.616	1
27	MP2B	Mx	-.002	1
28	MP2B	X	-6.264	5
29	MP2B	Z	3.616	5
30	MP2B	Mx	-.002	5
31	MP2B	X	-6.264	1
32	MP2B	Z	3.616	1
33	MP2B	Mx	-.005	1
34	MP2B	X	-6.264	5
35	MP2B	Z	3.616	5
36	MP2B	Mx	-.005	5
37	MP1C	X	-12.407	1
38	MP1C	Z	7.163	1
39	MP1C	Mx	-.012	1
40	MP1C	X	-12.407	5
41	MP1C	Z	7.163	5
42	MP1C	Mx	-.012	5
43	MP1C	X	-12.407	1
44	MP1C	Z	7.163	1
45	MP1C	Mx	.009	1
46	MP1C	X	-12.407	5
47	MP1C	Z	7.163	5
48	MP1C	Mx	.009	5
49	MP1B	X	-2.918	4
50	MP1B	Z	1.685	4
51	MP1B	Mx	.002	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
52	MP2C	X	-4.085	4
53	MP2C	Z	2.359	4
54	MP2C	Mx	.000409	4
55	MP3A	X	-2.85	4
56	MP3A	Z	1.645	4
57	MP3A	Mx	-.002	4
58	MP4C	X	-4.085	4
59	MP4C	Z	2.359	4
60	MP4C	Mx	.000409	4
61	MP1A	X	-2.361	4
62	MP1A	Z	1.363	4
63	MP1A	Mx	-.001	4
64	MP1C	X	-4.069	4
65	MP1C	Z	2.349	4
66	MP1C	Mx	.000408	4
67	MP2B	X	-2.456	4
68	MP2B	Z	1.418	4
69	MP2B	Mx	.001	4
70	MP4A	X	-2.361	4
71	MP4A	Z	1.363	4
72	MP4A	Mx	-.001	4
73	MP2A	X	-2.247	2.5
74	MP2A	Z	1.298	2.5
75	MP2A	Mx	.001	2.5
76	MP2A	X	-2.247	3.5
77	MP2A	Z	1.298	3.5
78	MP2A	Mx	.001	3.5
79	MP3C	X	-5.104	2.5
80	MP3C	Z	2.947	2.5
81	MP3C	Mx	-.000512	2.5
82	MP3C	X	-5.104	3.5
83	MP3C	Z	2.947	3.5
84	MP3C	Mx	-.000512	3.5
85	MP4B	X	-2.406	2.5
86	MP4B	Z	1.389	2.5
87	MP4B	Mx	-.001	2.5
88	MP4B	X	-2.406	3.5
89	MP4B	Z	1.389	3.5
90	MP4B	Mx	-.001	3.5
91	M181	X	-6.899	2
92	M181	Z	3.983	2
93	M181	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	-9.179	1
2	MP4A	Z	0	1
3	MP4A	Mx	.002	1
4	MP4A	X	-9.179	5
5	MP4A	Z	0	5
6	MP4A	Mx	.002	5
7	MP4A	X	-9.179	1
8	MP4A	Z	0	1
9	MP4A	Mx	.007	1
10	MP4A	X	-9.179	5
11	MP4A	Z	0	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
12	MP4A	Mx	.007	5
13	MP5C	X	-17.591	1
14	MP5C	Z	0	1
15	MP5C	Mx	-.013	1
16	MP5C	X	-17.591	5
17	MP5C	Z	0	5
18	MP5C	Mx	-.013	5
19	MP5C	X	-17.591	1
20	MP5C	Z	0	1
21	MP5C	Mx	.02	1
22	MP5C	X	-17.591	5
23	MP5C	Z	0	5
24	MP5C	Mx	.02	5
25	MP2B	X	-8.876	1
26	MP2B	Z	0	1
27	MP2B	Mx	.000547	1
28	MP2B	X	-8.876	5
29	MP2B	Z	0	5
30	MP2B	Mx	.000547	5
31	MP2B	X	-8.876	1
32	MP2B	Z	0	1
33	MP2B	Mx	-.006	1
34	MP2B	X	-8.876	5
35	MP2B	Z	0	5
36	MP2B	Mx	-.006	5
37	MP1C	X	-11.334	1
38	MP1C	Z	0	1
39	MP1C	Mx	-.01	1
40	MP1C	X	-11.334	5
41	MP1C	Z	0	5
42	MP1C	Mx	-.01	5
43	MP1C	X	-11.334	1
44	MP1C	Z	0	1
45	MP1C	Mx	.003	1
46	MP1C	X	-11.334	5
47	MP1C	Z	0	5
48	MP1C	Mx	.003	5
49	MP1B	X	-4.112	4
50	MP1B	Z	0	4
51	MP1B	Mx	.001	4
52	MP2C	X	-4.112	4
53	MP2C	Z	0	4
54	MP2C	Mx	.001	4
55	MP3A	X	-3.291	4
56	MP3A	Z	0	4
57	MP3A	Mx	-.002	4
58	MP4C	X	-4.112	4
59	MP4C	Z	0	4
60	MP4C	Mx	.001	4
61	MP1A	X	-2.726	4
62	MP1A	Z	0	4
63	MP1A	Mx	-.001	4
64	MP1C	X	-3.862	4
65	MP1C	Z	0	4
66	MP1C	Mx	.001	4
67	MP2B	X	-3.862	4
68	MP2B	Z	0	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
69	MP2B	Mx	.001	4
70	MP4A	X	-2.726	4
71	MP4A	Z	0	4
72	MP4A	Mx	-.001	4
73	MP2A	X	-4.177	2.5
74	MP2A	Z	0	2.5
75	MP2A	Mx	.001	2.5
76	MP2A	X	-4.177	3.5
77	MP2A	Z	0	3.5
78	MP2A	Mx	.001	3.5
79	MP3C	X	-4.494	2.5
80	MP3C	Z	0	2.5
81	MP3C	Mx	-.001	2.5
82	MP3C	X	-4.494	3.5
83	MP3C	Z	0	3.5
84	MP3C	Mx	-.001	3.5
85	MP4B	X	-4.494	2.5
86	MP4B	Z	0	2.5
87	MP4B	Mx	-.001	2.5
88	MP4B	X	-4.494	3.5
89	MP4B	Z	0	3.5
90	MP4B	Mx	-.001	3.5
91	M181	X	-8.179	2
92	M181	Z	0	2
93	M181	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	-12.131	1
2	MP4A	Z	-7.004	1
3	MP4A	Mx	-.005	1
4	MP4A	X	-12.131	5
5	MP4A	Z	-7.004	5
6	MP4A	Mx	-.005	5
7	MP4A	X	-12.131	1
8	MP4A	Z	-7.004	1
9	MP4A	Mx	.015	1
10	MP4A	X	-12.131	5
11	MP4A	Z	-7.004	5
12	MP4A	Mx	.015	5
13	MP5C	X	-16.885	1
14	MP5C	Z	-9.749	1
15	MP5C	Mx	-.021	1
16	MP5C	X	-16.885	5
17	MP5C	Z	-9.749	5
18	MP5C	Mx	-.021	5
19	MP5C	X	-16.885	1
20	MP5C	Z	-9.749	1
21	MP5C	Mx	.019	1
22	MP5C	X	-16.885	5
23	MP5C	Z	-9.749	5
24	MP5C	Mx	.019	5
25	MP2B	X	-8.847	1
26	MP2B	Z	-5.108	1
27	MP2B	Mx	.004	1
28	MP2B	X	-8.847	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
29	MP2B	Z	-5.108	5
30	MP2B	Mx	.004	5
31	MP2B	X	-8.847	1
32	MP2B	Z	-5.108	1
33	MP2B	Mx	-.006	1
34	MP2B	X	-8.847	5
35	MP2B	Z	-5.108	5
36	MP2B	Mx	-.006	5
37	MP1C	X	-6.636	1
38	MP1C	Z	-3.831	1
39	MP1C	Mx	-.006	1
40	MP1C	X	-6.636	5
41	MP1C	Z	-3.831	5
42	MP1C	Mx	-.006	5
43	MP1C	X	-6.636	1
44	MP1C	Z	-3.831	1
45	MP1C	Mx	-.002	1
46	MP1C	X	-6.636	5
47	MP1C	Z	-3.831	5
48	MP1C	Mx	-.002	5
49	MP1B	X	-4.085	4
50	MP1B	Z	-2.359	4
51	MP1B	Mx	.000409	4
52	MP2C	X	-2.918	4
53	MP2C	Z	-1.685	4
54	MP2C	Mx	.002	4
55	MP3A	X	-3.442	4
56	MP3A	Z	-1.987	4
57	MP3A	Mx	-.001	4
58	MP4C	X	-2.918	4
59	MP4C	Z	-1.685	4
60	MP4C	Mx	.002	4
61	MP1A	X	-3.18	4
62	MP1A	Z	-1.836	4
63	MP1A	Mx	-.001	4
64	MP1C	X	-2.456	4
65	MP1C	Z	-1.418	4
66	MP1C	Mx	.001	4
67	MP2B	X	-4.069	4
68	MP2B	Z	-2.349	4
69	MP2B	Mx	.000408	4
70	MP4A	X	-3.18	4
71	MP4A	Z	-1.836	4
72	MP4A	Mx	-.001	4
73	MP2A	X	-4.987	2.5
74	MP2A	Z	-2.88	2.5
75	MP2A	Mx	.000745	2.5
76	MP2A	X	-4.987	3.5
77	MP2A	Z	-2.88	3.5
78	MP2A	Mx	.000745	3.5
79	MP3C	X	-2.406	2.5
80	MP3C	Z	-1.389	2.5
81	MP3C	Mx	-.001	2.5
82	MP3C	X	-2.406	3.5
83	MP3C	Z	-1.389	3.5
84	MP3C	Mx	-.001	3.5
85	MP4B	X	-5.104	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
86	MP4B	Z	-2.947	2.5
87	MP4B	Mx	-.000512	2.5
88	MP4B	X	-5.104	3.5
89	MP4B	Z	-2.947	3.5
90	MP4B	Mx	-.000512	3.5
91	M181	X	-8.081	2
92	M181	Z	-4.666	2
93	M181	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	-9.418	1
2	MP4A	Z	-16.312	1
3	MP4A	Mx	-.017	1
4	MP4A	X	-9.418	5
5	MP4A	Z	-16.312	5
6	MP4A	Mx	-.017	5
7	MP4A	X	-9.418	1
8	MP4A	Z	-16.312	1
9	MP4A	Mx	.021	1
10	MP4A	X	-9.418	5
11	MP4A	Z	-16.312	5
12	MP4A	Mx	.021	5
13	MP5C	X	-7.957	1
14	MP5C	Z	-13.782	1
15	MP5C	Mx	-.018	1
16	MP5C	X	-7.957	5
17	MP5C	Z	-13.782	5
18	MP5C	Mx	-.018	5
19	MP5C	X	-7.957	1
20	MP5C	Z	-13.782	1
21	MP5C	Mx	.009	1
22	MP5C	X	-7.957	5
23	MP5C	Z	-13.782	5
24	MP5C	Mx	.009	5
25	MP2B	X	-4.956	1
26	MP2B	Z	-8.584	1
27	MP2B	Mx	.006	1
28	MP2B	X	-4.956	5
29	MP2B	Z	-8.584	5
30	MP2B	Mx	.006	5
31	MP2B	X	-4.956	1
32	MP2B	Z	-8.584	1
33	MP2B	Mx	-.003	1
34	MP2B	X	-4.956	5
35	MP2B	Z	-8.584	5
36	MP2B	Mx	-.003	5
37	MP1C	X	-3.492	1
38	MP1C	Z	-6.049	1
39	MP1C	Mx	-.003	1
40	MP1C	X	-3.492	5
41	MP1C	Z	-6.049	5
42	MP1C	Mx	-.003	5
43	MP1C	X	-3.492	1
44	MP1C	Z	-6.049	1
45	MP1C	Mx	-.004	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
46	MP1C	X	-3.492	5
47	MP1C	Z	-6.049	5
48	MP1C	Mx	-.004	5
49	MP1B	X	-2.29	4
50	MP1B	Z	-3.966	4
51	MP1B	Mx	-.000783	4
52	MP2C	X	-1.616	4
53	MP2C	Z	-2.8	4
54	MP2C	Mx	.002	4
55	MP3A	X	-2.329	4
56	MP3A	Z	-4.035	4
57	MP3A	Mx	-.000603	4
58	MP4C	X	-1.616	4
59	MP4C	Z	-2.8	4
60	MP4C	Mx	.002	4
61	MP1A	X	-2.309	4
62	MP1A	Z	-4	4
63	MP1A	Mx	-.000598	4
64	MP1C	X	-1.323	4
65	MP1C	Z	-2.291	4
66	MP1C	Mx	.001	4
67	MP2B	X	-2.255	4
68	MP2B	Z	-3.905	4
69	MP2B	Mx	-.000771	4
70	MP4A	X	-2.309	4
71	MP4A	Z	-4	4
72	MP4A	Mx	-.000598	4
73	MP2A	X	-2.88	2.5
74	MP2A	Z	-4.987	2.5
75	MP2A	Mx	-.000745	2.5
76	MP2A	X	-2.88	3.5
77	MP2A	Z	-4.987	3.5
78	MP2A	Mx	-.000745	3.5
79	MP3C	X	-1.23	2.5
80	MP3C	Z	-2.131	2.5
81	MP3C	Mx	-.001	2.5
82	MP3C	X	-1.23	3.5
83	MP3C	Z	-2.131	3.5
84	MP3C	Mx	-.001	3.5
85	MP4B	X	-2.788	2.5
86	MP4B	Z	-4.829	2.5
87	MP4B	Mx	.000954	2.5
88	MP4B	X	-2.788	3.5
89	MP4B	Z	-4.829	3.5
90	MP4B	Mx	.000954	3.5
91	M181	X	-5.136	2
92	M181	Z	-8.895	2
93	M181	Mx	0	2

Member Point Loads (BLC 77 : Lm1)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M20	Y	-500	%98

Member Point Loads (BLC 78 : Lm2)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M81A	Y	-500	%98

Member Point Loads (BLC 79 : Lv1)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M20	Y	-250	%50

Member Point Loads (BLC 80 : Lv2)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M20	Y	-250	%100

Member Distributed Loads (BLC 40 : Structure Di)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M20	Y	-6.437	-6.437	0	%100
2	MP1A	Y	-5.569	-5.569	0	%100
3	MP2A	Y	-5.569	-5.569	0	%100
4	MP3A	Y	-5.569	-5.569	0	%100
5	MP4A	Y	-5.569	-5.569	0	%100
6	M72A	Y	-9.431	-9.431	0	%100
7	M73	Y	-9.431	-9.431	0	%100
8	M74	Y	-9.431	-9.431	0	%100
9	M75	Y	-9.937	-9.937	0	%100
10	M78	Y	-5.504	-5.504	0	%100
11	M79	Y	-5.504	-5.504	0	%100
12	M84	Y	-9.924	-9.924	0	%100
13	M85	Y	-9.924	-9.924	0	%100
14	M87A	Y	-9.937	-9.937	0	%100
15	M89A	Y	-9.924	-9.924	0	%100
16	M90A	Y	-9.924	-9.924	0	%100
17	M92	Y	-9.937	-9.937	0	%100
18	M94	Y	-5.569	-5.569	0	%100
19	M37A	Y	-9.431	-9.431	0	%100
20	M38	Y	-9.431	-9.431	0	%100
21	M39	Y	-9.431	-9.431	0	%100
22	M40	Y	-9.937	-9.937	0	%100
23	M43	Y	-5.504	-5.504	0	%100
24	M44	Y	-5.504	-5.504	0	%100
25	M49	Y	-9.924	-9.924	0	%100
26	M50	Y	-9.924	-9.924	0	%100
27	M52	Y	-9.937	-9.937	0	%100
28	M54	Y	-9.924	-9.924	0	%100
29	M55	Y	-9.924	-9.924	0	%100
30	M57	Y	-9.937	-9.937	0	%100
31	M59	Y	-9.431	-9.431	0	%100
32	M60	Y	-9.431	-9.431	0	%100
33	M61	Y	-9.431	-9.431	0	%100
34	M62	Y	-9.937	-9.937	0	%100
35	M65	Y	-5.504	-5.504	0	%100
36	M66	Y	-5.504	-5.504	0	%100
37	M71	Y	-9.924	-9.924	0	%100
38	M72	Y	-9.924	-9.924	0	%100
39	M74A	Y	-9.937	-9.937	0	%100
40	M76A	Y	-9.924	-9.924	0	%100
41	M77A	Y	-9.924	-9.924	0	%100
42	M79A	Y	-9.937	-9.937	0	%100
43	M81A	Y	-6.437	-6.437	0	%100
44	MP1C	Y	-5.569	-5.569	0	%100
45	MP2C	Y	-5.569	-5.569	0	%100
46	MP3C	Y	-5.569	-5.569	0	%100
47	MP5C	Y	-5.569	-5.569	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,%]
48	M90	Y	-5.569	-5.569	0	%100
49	M95A	Y	-6.437	-6.437	0	%100
50	MP1B	Y	-5.569	-5.569	0	%100
51	MP2B	Y	-5.569	-5.569	0	%100
52	MP3B	Y	-5.569	-5.569	0	%100
53	MP4B	Y	-5.569	-5.569	0	%100
54	M104	Y	-5.569	-5.569	0	%100
55	M109	Y	-7.468	-7.468	0	%100
56	M181	Y	-5.569	-5.569	0	%100
57	M114	Y	-9.04	-9.04	0	%100
58	M115	Y	-9.04	-9.04	0	%100
59	M116	Y	-9.04	-9.04	0	%100
60	M117A	Y	-7.468	-7.468	0	%100
61	M120	Y	-7.468	-7.468	0	%100
62	MP4C	Y	-5.569	-5.569	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	M20	X	0	0	0	%100
2	M20	Z	-13.105	-13.105	0	%100
3	MP1A	X	0	0	0	%100
4	MP1A	Z	-10.765	-10.765	0	%100
5	MP2A	X	0	0	0	%100
6	MP2A	Z	-10.765	-10.765	0	%100
7	MP3A	X	0	0	0	%100
8	MP3A	Z	-10.765	-10.765	0	%100
9	MP4A	X	0	0	0	%100
10	MP4A	Z	-10.765	-10.765	0	%100
11	M72A	X	0	0	0	%100
12	M72A	Z	0	0	0	%100
13	M73	X	0	0	0	%100
14	M73	Z	-12.267	-12.267	0	%100
15	M74	X	0	0	0	%100
16	M74	Z	-12.267	-12.267	0	%100
17	M75	X	0	0	0	%100
18	M75	Z	-22.465	-22.465	0	%100
19	M78	X	0	0	0	%100
20	M78	Z	-3.057	-3.057	0	%100
21	M79	X	0	0	0	%100
22	M79	Z	-3.058	-3.058	0	%100
23	M84	X	0	0	0	%100
24	M84	Z	0	0	0	%100
25	M85	X	0	0	0	%100
26	M85	Z	-5.72	-5.72	0	%100
27	M87A	X	0	0	0	%100
28	M87A	Z	-5.928	-5.928	0	%100
29	M89A	X	0	0	0	%100
30	M89A	Z	0	0	0	%100
31	M90A	X	0	0	0	%100
32	M90A	Z	-5.72	-5.72	0	%100
33	M92	X	0	0	0	%100
34	M92	Z	-5.928	-5.928	0	%100
35	M94	X	0	0	0	%100
36	M94	Z	-10.765	-10.765	0	%100
37	M37A	X	0	0	0	%100
38	M37A	Z	-10.768	-10.768	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,%]
39	M38	X	0	0	0	%100
40	M38	Z	-3.067	-3.067	0	%100
41	M39	X	0	0	0	%100
42	M39	Z	-3.067	-3.067	0	%100
43	M40	X	0	0	0	%100
44	M40	Z	-5.616	-5.616	0	%100
45	M43	X	0	0	0	%100
46	M43	Z	-3.057	-3.057	0	%100
47	M44	X	0	0	0	%100
48	M44	Z	-12.231	-12.231	0	%100
49	M49	X	0	0	0	%100
50	M49	Z	-16.953	-16.953	0	%100
51	M50	X	0	0	0	%100
52	M50	Z	-22.881	-22.881	0	%100
53	M52	X	0	0	0	%100
54	M52	Z	-23.713	-23.713	0	%100
55	M54	X	0	0	0	%100
56	M54	Z	-16.953	-16.953	0	%100
57	M55	X	0	0	0	%100
58	M55	Z	-5.72	-5.72	0	%100
59	M57	X	0	0	0	%100
60	M57	Z	-5.928	-5.928	0	%100
61	M59	X	0	0	0	%100
62	M59	Z	-10.768	-10.768	0	%100
63	M60	X	0	0	0	%100
64	M60	Z	-3.067	-3.067	0	%100
65	M61	X	0	0	0	%100
66	M61	Z	-3.067	-3.067	0	%100
67	M62	X	0	0	0	%100
68	M62	Z	-5.616	-5.616	0	%100
69	M65	X	0	0	0	%100
70	M65	Z	-12.229	-12.229	0	%100
71	M66	X	0	0	0	%100
72	M66	Z	-3.058	-3.058	0	%100
73	M71	X	0	0	0	%100
74	M71	Z	-16.953	-16.953	0	%100
75	M72	X	0	0	0	%100
76	M72	Z	-5.72	-5.72	0	%100
77	M74A	X	0	0	0	%100
78	M74A	Z	-5.928	-5.928	0	%100
79	M76A	X	0	0	0	%100
80	M76A	Z	-16.953	-16.953	0	%100
81	M77A	X	0	0	0	%100
82	M77A	Z	-22.881	-22.881	0	%100
83	M79A	X	0	0	0	%100
84	M79A	Z	-23.713	-23.713	0	%100
85	M81A	X	0	0	0	%100
86	M81A	Z	-3.276	-3.276	0	%100
87	MP1C	X	0	0	0	%100
88	MP1C	Z	-10.765	-10.765	0	%100
89	MP2C	X	0	0	0	%100
90	MP2C	Z	-10.765	-10.765	0	%100
91	MP3C	X	0	0	0	%100
92	MP3C	Z	-10.765	-10.765	0	%100
93	MP5C	X	0	0	0	%100
94	MP5C	Z	-10.765	-10.765	0	%100
95	M90	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,%]
96	M90	Z	-2.691	-2.691	0	%100
97	M95A	X	0	0	0	%100
98	M95A	Z	-3.276	-3.276	0	%100
99	MP1B	X	0	0	0	%100
100	MP1B	Z	-10.765	-10.765	0	%100
101	MP2B	X	0	0	0	%100
102	MP2B	Z	-10.765	-10.765	0	%100
103	MP3B	X	0	0	0	%100
104	MP3B	Z	-10.765	-10.765	0	%100
105	MP4B	X	0	0	0	%100
106	MP4B	Z	-10.765	-10.765	0	%100
107	M104	X	0	0	0	%100
108	M104	Z	-2.691	-2.691	0	%100
109	M109	X	0	0	0	%100
110	M109	Z	-3.144	-3.144	0	%100
111	M181	X	0	0	0	%100
112	M181	Z	-10.765	-10.765	0	%100
113	M114	X	0	0	0	%100
114	M114	Z	-12.899	-12.899	0	%100
115	M115	X	0	0	0	%100
116	M115	Z	-4.796	-4.796	0	%100
117	M116	X	0	0	0	%100
118	M116	Z	-12.899	-12.899	0	%100
119	M117A	X	0	0	0	%100
120	M117A	Z	-3.144	-3.144	0	%100
121	M120	X	0	0	0	%100
122	M120	Z	-12.575	-12.575	0	%100
123	MP4C	X	0	0	0	%100
124	MP4C	Z	-10.765	-10.765	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	M20	X	4.914	4.914	0	%100
2	M20	Z	-8.512	-8.512	0	%100
3	MP1A	X	5.382	5.382	0	%100
4	MP1A	Z	-9.322	-9.322	0	%100
5	MP2A	X	5.382	5.382	0	%100
6	MP2A	Z	-9.322	-9.322	0	%100
7	MP3A	X	5.382	5.382	0	%100
8	MP3A	Z	-9.322	-9.322	0	%100
9	MP4A	X	5.382	5.382	0	%100
10	MP4A	Z	-9.322	-9.322	0	%100
11	M72A	X	1.795	1.795	0	%100
12	M72A	Z	-3.108	-3.108	0	%100
13	M73	X	4.6	4.6	0	%100
14	M73	Z	-7.967	-7.967	0	%100
15	M74	X	4.6	4.6	0	%100
16	M74	Z	-7.967	-7.967	0	%100
17	M75	X	8.424	8.424	0	%100
18	M75	Z	-14.591	-14.591	0	%100
19	M78	X	4.586	4.586	0	%100
20	M78	Z	-7.943	-7.943	0	%100
21	M79	X	0	0	0	%100
22	M79	Z	0	0	0	%100
23	M84	X	2.825	2.825	0	%100
24	M84	Z	-4.894	-4.894	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,%]
25	M85	X	0	0	0	%100
26	M85	Z	0	0	0	%100
27	M87A	X	0	0	0	%100
28	M87A	Z	0	0	0	%100
29	M89A	X	2.825	2.825	0	%100
30	M89A	Z	-4.894	-4.894	0	%100
31	M90A	X	8.58	8.58	0	%100
32	M90A	Z	-14.862	-14.862	0	%100
33	M92	X	8.892	8.892	0	%100
34	M92	Z	-15.402	-15.402	0	%100
35	M94	X	4.037	4.037	0	%100
36	M94	Z	-6.992	-6.992	0	%100
37	M37A	X	1.795	1.795	0	%100
38	M37A	Z	-3.108	-3.108	0	%100
39	M38	X	4.6	4.6	0	%100
40	M38	Z	-7.967	-7.967	0	%100
41	M39	X	4.6	4.6	0	%100
42	M39	Z	-7.967	-7.967	0	%100
43	M40	X	8.424	8.424	0	%100
44	M40	Z	-14.591	-14.591	0	%100
45	M43	X	0	0	0	%100
46	M43	Z	0	0	0	%100
47	M44	X	4.587	4.587	0	%100
48	M44	Z	-7.944	-7.944	0	%100
49	M49	X	2.825	2.825	0	%100
50	M49	Z	-4.894	-4.894	0	%100
51	M50	X	8.58	8.58	0	%100
52	M50	Z	-14.862	-14.862	0	%100
53	M52	X	8.892	8.892	0	%100
54	M52	Z	-15.402	-15.402	0	%100
55	M54	X	2.825	2.825	0	%100
56	M54	Z	-4.894	-4.894	0	%100
57	M55	X	0	0	0	%100
58	M55	Z	0	0	0	%100
59	M57	X	0	0	0	%100
60	M57	Z	0	0	0	%100
61	M59	X	7.179	7.179	0	%100
62	M59	Z	-12.434	-12.434	0	%100
63	M60	X	0	0	0	%100
64	M60	Z	0	0	0	%100
65	M61	X	0	0	0	%100
66	M61	Z	0	0	0	%100
67	M62	X	0	0	0	%100
68	M62	Z	0	0	0	%100
69	M65	X	4.586	4.586	0	%100
70	M65	Z	-7.943	-7.943	0	%100
71	M66	X	4.587	4.587	0	%100
72	M66	Z	-7.944	-7.944	0	%100
73	M71	X	11.302	11.302	0	%100
74	M71	Z	-19.575	-19.575	0	%100
75	M72	X	8.58	8.58	0	%100
76	M72	Z	-14.862	-14.862	0	%100
77	M74A	X	8.892	8.892	0	%100
78	M74A	Z	-15.402	-15.402	0	%100
79	M76A	X	11.302	11.302	0	%100
80	M76A	Z	-19.575	-19.575	0	%100
81	M77A	X	8.58	8.58	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,%]
82	M77A	Z	-14.862	-14.862	0	%100
83	M79A	X	8.892	8.892	0	%100
84	M79A	Z	-15.402	-15.402	0	%100
85	M81A	X	4.914	4.914	0	%100
86	M81A	Z	-8.512	-8.512	0	%100
87	MP1C	X	5.382	5.382	0	%100
88	MP1C	Z	-9.322	-9.322	0	%100
89	MP2C	X	5.382	5.382	0	%100
90	MP2C	Z	-9.322	-9.322	0	%100
91	MP3C	X	5.382	5.382	0	%100
92	MP3C	Z	-9.322	-9.322	0	%100
93	MP5C	X	5.382	5.382	0	%100
94	MP5C	Z	-9.322	-9.322	0	%100
95	M90	X	4.037	4.037	0	%100
96	M90	Z	-6.992	-6.992	0	%100
97	M95A	X	0	0	0	%100
98	M95A	Z	0	0	0	%100
99	MP1B	X	5.382	5.382	0	%100
100	MP1B	Z	-9.322	-9.322	0	%100
101	MP2B	X	5.382	5.382	0	%100
102	MP2B	Z	-9.322	-9.322	0	%100
103	MP3B	X	5.382	5.382	0	%100
104	MP3B	Z	-9.322	-9.322	0	%100
105	MP4B	X	5.382	5.382	0	%100
106	MP4B	Z	-9.322	-9.322	0	%100
107	M104	X	0	0	0	%100
108	M104	Z	0	0	0	%100
109	M109	X	4.716	4.716	0	%100
110	M109	Z	-8.168	-8.168	0	%100
111	M181	X	5.382	5.382	0	%100
112	M181	Z	-9.322	-9.322	0	%100
113	M114	X	7.8	7.8	0	%100
114	M114	Z	-13.511	-13.511	0	%100
115	M115	X	3.748	3.748	0	%100
116	M115	Z	-6.493	-6.493	0	%100
117	M116	X	3.748	3.748	0	%100
118	M116	Z	-6.493	-6.493	0	%100
119	M117A	X	0	0	0	%100
120	M117A	Z	0	0	0	%100
121	M120	X	4.716	4.716	0	%100
122	M120	Z	-8.168	-8.168	0	%100
123	MP4C	X	5.382	5.382	0	%100
124	MP4C	Z	-9.322	-9.322	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	M20	X	2.837	2.837	0	%100
2	M20	Z	-1.638	-1.638	0	%100
3	MP1A	X	9.322	9.322	0	%100
4	MP1A	Z	-5.382	-5.382	0	%100
5	MP2A	X	9.322	9.322	0	%100
6	MP2A	Z	-5.382	-5.382	0	%100
7	MP3A	X	9.322	9.322	0	%100
8	MP3A	Z	-5.382	-5.382	0	%100
9	MP4A	X	9.322	9.322	0	%100
10	MP4A	Z	-5.382	-5.382	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,%]
11	M72A	X	9.325	9.325	0	%100
12	M72A	Z	-5.384	-5.384	0	%100
13	M73	X	2.656	2.656	0	%100
14	M73	Z	-1.533	-1.533	0	%100
15	M74	X	2.656	2.656	0	%100
16	M74	Z	-1.533	-1.533	0	%100
17	M75	X	4.864	4.864	0	%100
18	M75	Z	-2.808	-2.808	0	%100
19	M78	X	10.591	10.591	0	%100
20	M78	Z	-6.115	-6.115	0	%100
21	M79	X	2.648	2.648	0	%100
22	M79	Z	-1.529	-1.529	0	%100
23	M84	X	14.682	14.682	0	%100
24	M84	Z	-8.476	-8.476	0	%100
25	M85	X	4.954	4.954	0	%100
26	M85	Z	-2.86	-2.86	0	%100
27	M87A	X	5.134	5.134	0	%100
28	M87A	Z	-2.964	-2.964	0	%100
29	M89A	X	14.682	14.682	0	%100
30	M89A	Z	-8.476	-8.476	0	%100
31	M90A	X	19.816	19.816	0	%100
32	M90A	Z	-11.441	-11.441	0	%100
33	M92	X	20.536	20.536	0	%100
34	M92	Z	-11.857	-11.857	0	%100
35	M94	X	2.331	2.331	0	%100
36	M94	Z	-1.346	-1.346	0	%100
37	M37A	X	0	0	0	%100
38	M37A	Z	0	0	0	%100
39	M38	X	10.623	10.623	0	%100
40	M38	Z	-6.133	-6.133	0	%100
41	M39	X	10.623	10.623	0	%100
42	M39	Z	-6.133	-6.133	0	%100
43	M40	X	19.455	19.455	0	%100
44	M40	Z	-11.233	-11.233	0	%100
45	M43	X	2.648	2.648	0	%100
46	M43	Z	-1.529	-1.529	0	%100
47	M44	X	2.648	2.648	0	%100
48	M44	Z	-1.529	-1.529	0	%100
49	M49	X	0	0	0	%100
50	M49	Z	0	0	0	%100
51	M50	X	4.954	4.954	0	%100
52	M50	Z	-2.86	-2.86	0	%100
53	M52	X	5.134	5.134	0	%100
54	M52	Z	-2.964	-2.964	0	%100
55	M54	X	0	0	0	%100
56	M54	Z	0	0	0	%100
57	M55	X	4.954	4.954	0	%100
58	M55	Z	-2.86	-2.86	0	%100
59	M57	X	5.134	5.134	0	%100
60	M57	Z	-2.964	-2.964	0	%100
61	M59	X	9.325	9.325	0	%100
62	M59	Z	-5.384	-5.384	0	%100
63	M60	X	2.656	2.656	0	%100
64	M60	Z	-1.533	-1.533	0	%100
65	M61	X	2.656	2.656	0	%100
66	M61	Z	-1.533	-1.533	0	%100
67	M62	X	4.864	4.864	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,%]
68	M62	Z	-2.808	-2.808	0	%100
69	M65	X	2.648	2.648	0	%100
70	M65	Z	-1.529	-1.529	0	%100
71	M66	X	10.592	10.592	0	%100
72	M66	Z	-6.116	-6.116	0	%100
73	M71	X	14.682	14.682	0	%100
74	M71	Z	-8.476	-8.476	0	%100
75	M72	X	19.816	19.816	0	%100
76	M72	Z	-11.441	-11.441	0	%100
77	M74A	X	20.536	20.536	0	%100
78	M74A	Z	-11.857	-11.857	0	%100
79	M76A	X	14.682	14.682	0	%100
80	M76A	Z	-8.476	-8.476	0	%100
81	M77A	X	4.954	4.954	0	%100
82	M77A	Z	-2.86	-2.86	0	%100
83	M79A	X	5.134	5.134	0	%100
84	M79A	Z	-2.964	-2.964	0	%100
85	M81A	X	11.349	11.349	0	%100
86	M81A	Z	-6.552	-6.552	0	%100
87	MP1C	X	9.322	9.322	0	%100
88	MP1C	Z	-5.382	-5.382	0	%100
89	MP2C	X	9.322	9.322	0	%100
90	MP2C	Z	-5.382	-5.382	0	%100
91	MP3C	X	9.322	9.322	0	%100
92	MP3C	Z	-5.382	-5.382	0	%100
93	MP5C	X	9.322	9.322	0	%100
94	MP5C	Z	-5.382	-5.382	0	%100
95	M90	X	9.322	9.322	0	%100
96	M90	Z	-5.382	-5.382	0	%100
97	M95A	X	2.837	2.837	0	%100
98	M95A	Z	-1.638	-1.638	0	%100
99	MP1B	X	9.322	9.322	0	%100
100	MP1B	Z	-5.382	-5.382	0	%100
101	MP2B	X	9.322	9.322	0	%100
102	MP2B	Z	-5.382	-5.382	0	%100
103	MP3B	X	9.322	9.322	0	%100
104	MP3B	Z	-5.382	-5.382	0	%100
105	MP4B	X	9.322	9.322	0	%100
106	MP4B	Z	-5.382	-5.382	0	%100
107	M104	X	2.331	2.331	0	%100
108	M104	Z	-1.346	-1.346	0	%100
109	M109	X	10.89	10.89	0	%100
110	M109	Z	-6.287	-6.287	0	%100
111	M181	X	9.322	9.322	0	%100
112	M181	Z	-5.382	-5.382	0	%100
113	M114	X	11.171	11.171	0	%100
114	M114	Z	-6.45	-6.45	0	%100
115	M115	X	11.171	11.171	0	%100
116	M115	Z	-6.45	-6.45	0	%100
117	M116	X	4.153	4.153	0	%100
118	M116	Z	-2.398	-2.398	0	%100
119	M117A	X	2.723	2.723	0	%100
120	M117A	Z	-1.572	-1.572	0	%100
121	M120	X	2.723	2.723	0	%100
122	M120	Z	-1.572	-1.572	0	%100
123	MP4C	X	9.322	9.322	0	%100
124	MP4C	Z	-5.382	-5.382	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	M20	X	0	0	0	%100
2	M20	Z	0	0	0	%100
3	MP1A	X	10.765	10.765	0	%100
4	MP1A	Z	0	0	0	%100
5	MP2A	X	10.765	10.765	0	%100
6	MP2A	Z	0	0	0	%100
7	MP3A	X	10.765	10.765	0	%100
8	MP3A	Z	0	0	0	%100
9	MP4A	X	10.765	10.765	0	%100
10	MP4A	Z	0	0	0	%100
11	M72A	X	14.357	14.357	0	%100
12	M72A	Z	0	0	0	%100
13	M73	X	0	0	0	%100
14	M73	Z	0	0	0	%100
15	M74	X	0	0	0	%100
16	M74	Z	0	0	0	%100
17	M75	X	0	0	0	%100
18	M75	Z	0	0	0	%100
19	M78	X	9.172	9.172	0	%100
20	M78	Z	0	0	0	%100
21	M79	X	9.173	9.173	0	%100
22	M79	Z	0	0	0	%100
23	M84	X	22.604	22.604	0	%100
24	M84	Z	0	0	0	%100
25	M85	X	17.161	17.161	0	%100
26	M85	Z	0	0	0	%100
27	M87A	X	17.785	17.785	0	%100
28	M87A	Z	0	0	0	%100
29	M89A	X	22.604	22.604	0	%100
30	M89A	Z	0	0	0	%100
31	M90A	X	17.161	17.161	0	%100
32	M90A	Z	0	0	0	%100
33	M92	X	17.785	17.785	0	%100
34	M92	Z	0	0	0	%100
35	M94	X	0	0	0	%100
36	M94	Z	0	0	0	%100
37	M37A	X	3.589	3.589	0	%100
38	M37A	Z	0	0	0	%100
39	M38	X	9.2	9.2	0	%100
40	M38	Z	0	0	0	%100
41	M39	X	9.2	9.2	0	%100
42	M39	Z	0	0	0	%100
43	M40	X	16.849	16.849	0	%100
44	M40	Z	0	0	0	%100
45	M43	X	9.172	9.172	0	%100
46	M43	Z	0	0	0	%100
47	M44	X	0	0	0	%100
48	M44	Z	0	0	0	%100
49	M49	X	5.651	5.651	0	%100
50	M49	Z	0	0	0	%100
51	M50	X	0	0	0	%100
52	M50	Z	0	0	0	%100
53	M52	X	0	0	0	%100
54	M52	Z	0	0	0	%100
55	M54	X	5.651	5.651	0	%100
56	M54	Z	0	0	0	%100
57	M55	X	17.161	17.161	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,%]
58	M55	Z	0	0	0	%100
59	M57	X	17.785	17.785	0	%100
60	M57	Z	0	0	0	%100
61	M59	X	3.589	3.589	0	%100
62	M59	Z	0	0	0	%100
63	M60	X	9.2	9.2	0	%100
64	M60	Z	0	0	0	%100
65	M61	X	9.2	9.2	0	%100
66	M61	Z	0	0	0	%100
67	M62	X	16.849	16.849	0	%100
68	M62	Z	0	0	0	%100
69	M65	X	0	0	0	%100
70	M65	Z	0	0	0	%100
71	M66	X	9.173	9.173	0	%100
72	M66	Z	0	0	0	%100
73	M71	X	5.651	5.651	0	%100
74	M71	Z	0	0	0	%100
75	M72	X	17.161	17.161	0	%100
76	M72	Z	0	0	0	%100
77	M74A	X	17.785	17.785	0	%100
78	M74A	Z	0	0	0	%100
79	M76A	X	5.651	5.651	0	%100
80	M76A	Z	0	0	0	%100
81	M77A	X	0	0	0	%100
82	M77A	Z	0	0	0	%100
83	M79A	X	0	0	0	%100
84	M79A	Z	0	0	0	%100
85	M81A	X	9.828	9.828	0	%100
86	M81A	Z	0	0	0	%100
87	MP1C	X	10.765	10.765	0	%100
88	MP1C	Z	0	0	0	%100
89	MP2C	X	10.765	10.765	0	%100
90	MP2C	Z	0	0	0	%100
91	MP3C	X	10.765	10.765	0	%100
92	MP3C	Z	0	0	0	%100
93	MP5C	X	10.765	10.765	0	%100
94	MP5C	Z	0	0	0	%100
95	M90	X	8.073	8.073	0	%100
96	M90	Z	0	0	0	%100
97	M95A	X	9.828	9.828	0	%100
98	M95A	Z	0	0	0	%100
99	MP1B	X	10.765	10.765	0	%100
100	MP1B	Z	0	0	0	%100
101	MP2B	X	10.765	10.765	0	%100
102	MP2B	Z	0	0	0	%100
103	MP3B	X	10.765	10.765	0	%100
104	MP3B	Z	0	0	0	%100
105	MP4B	X	10.765	10.765	0	%100
106	MP4B	Z	0	0	0	%100
107	M104	X	8.073	8.073	0	%100
108	M104	Z	0	0	0	%100
109	M109	X	9.431	9.431	0	%100
110	M109	Z	0	0	0	%100
111	M181	X	10.765	10.765	0	%100
112	M181	Z	0	0	0	%100
113	M114	X	7.497	7.497	0	%100
114	M114	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
115	M115	X	15.601	15.601	0	%100
116	M115	Z	0	0	0	%100
117	M116	X	7.497	7.497	0	%100
118	M116	Z	0	0	0	%100
119	M117A	X	9.431	9.431	0	%100
120	M117A	Z	0	0	0	%100
121	M120	X	0	0	0	%100
122	M120	Z	0	0	0	%100
123	MP4C	X	10.765	10.765	0	%100
124	MP4C	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	M20	X	2.837	2.837	0	%100
2	M20	Z	1.638	1.638	0	%100
3	MP1A	X	9.322	9.322	0	%100
4	MP1A	Z	5.382	5.382	0	%100
5	MP2A	X	9.322	9.322	0	%100
6	MP2A	Z	5.382	5.382	0	%100
7	MP3A	X	9.322	9.322	0	%100
8	MP3A	Z	5.382	5.382	0	%100
9	MP4A	X	9.322	9.322	0	%100
10	MP4A	Z	5.382	5.382	0	%100
11	M72A	X	9.325	9.325	0	%100
12	M72A	Z	5.384	5.384	0	%100
13	M73	X	2.656	2.656	0	%100
14	M73	Z	1.533	1.533	0	%100
15	M74	X	2.656	2.656	0	%100
16	M74	Z	1.533	1.533	0	%100
17	M75	X	4.864	4.864	0	%100
18	M75	Z	2.808	2.808	0	%100
19	M78	X	2.648	2.648	0	%100
20	M78	Z	1.529	1.529	0	%100
21	M79	X	10.592	10.592	0	%100
22	M79	Z	6.116	6.116	0	%100
23	M84	X	14.682	14.682	0	%100
24	M84	Z	8.476	8.476	0	%100
25	M85	X	19.816	19.816	0	%100
26	M85	Z	11.441	11.441	0	%100
27	M87A	X	20.536	20.536	0	%100
28	M87A	Z	11.857	11.857	0	%100
29	M89A	X	14.682	14.682	0	%100
30	M89A	Z	8.476	8.476	0	%100
31	M90A	X	4.954	4.954	0	%100
32	M90A	Z	2.86	2.86	0	%100
33	M92	X	5.134	5.134	0	%100
34	M92	Z	2.964	2.964	0	%100
35	M94	X	2.331	2.331	0	%100
36	M94	Z	1.346	1.346	0	%100
37	M37A	X	9.325	9.325	0	%100
38	M37A	Z	5.384	5.384	0	%100
39	M38	X	2.656	2.656	0	%100
40	M38	Z	1.533	1.533	0	%100
41	M39	X	2.656	2.656	0	%100
42	M39	Z	1.533	1.533	0	%100
43	M40	X	4.864	4.864	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,%]
44	M40	Z	2.808	2.808	0	%100
45	M43	X	10.591	10.591	0	%100
46	M43	Z	6.115	6.115	0	%100
47	M44	X	2.648	2.648	0	%100
48	M44	Z	1.529	1.529	0	%100
49	M49	X	14.682	14.682	0	%100
50	M49	Z	8.476	8.476	0	%100
51	M50	X	4.954	4.954	0	%100
52	M50	Z	2.86	2.86	0	%100
53	M52	X	5.134	5.134	0	%100
54	M52	Z	2.964	2.964	0	%100
55	M54	X	14.682	14.682	0	%100
56	M54	Z	8.476	8.476	0	%100
57	M55	X	19.816	19.816	0	%100
58	M55	Z	11.441	11.441	0	%100
59	M57	X	20.536	20.536	0	%100
60	M57	Z	11.857	11.857	0	%100
61	M59	X	0	0	0	%100
62	M59	Z	0	0	0	%100
63	M60	X	10.623	10.623	0	%100
64	M60	Z	6.133	6.133	0	%100
65	M61	X	10.623	10.623	0	%100
66	M61	Z	6.133	6.133	0	%100
67	M62	X	19.455	19.455	0	%100
68	M62	Z	11.233	11.233	0	%100
69	M65	X	2.648	2.648	0	%100
70	M65	Z	1.529	1.529	0	%100
71	M66	X	2.648	2.648	0	%100
72	M66	Z	1.529	1.529	0	%100
73	M71	X	0	0	0	%100
74	M71	Z	0	0	0	%100
75	M72	X	4.954	4.954	0	%100
76	M72	Z	2.86	2.86	0	%100
77	M74A	X	5.134	5.134	0	%100
78	M74A	Z	2.964	2.964	0	%100
79	M76A	X	0	0	0	%100
80	M76A	Z	0	0	0	%100
81	M77A	X	4.954	4.954	0	%100
82	M77A	Z	2.86	2.86	0	%100
83	M79A	X	5.134	5.134	0	%100
84	M79A	Z	2.964	2.964	0	%100
85	M81A	X	2.837	2.837	0	%100
86	M81A	Z	1.638	1.638	0	%100
87	MP1C	X	9.322	9.322	0	%100
88	MP1C	Z	5.382	5.382	0	%100
89	MP2C	X	9.322	9.322	0	%100
90	MP2C	Z	5.382	5.382	0	%100
91	MP3C	X	9.322	9.322	0	%100
92	MP3C	Z	5.382	5.382	0	%100
93	MP5C	X	9.322	9.322	0	%100
94	MP5C	Z	5.382	5.382	0	%100
95	M90	X	2.331	2.331	0	%100
96	M90	Z	1.346	1.346	0	%100
97	M95A	X	11.349	11.349	0	%100
98	M95A	Z	6.552	6.552	0	%100
99	MP1B	X	9.322	9.322	0	%100
100	MP1B	Z	5.382	5.382	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,%]
101	MP2B	X	9.322	9.322	0	%100
102	MP2B	Z	5.382	5.382	0	%100
103	MP3B	X	9.322	9.322	0	%100
104	MP3B	Z	5.382	5.382	0	%100
105	MP4B	X	9.322	9.322	0	%100
106	MP4B	Z	5.382	5.382	0	%100
107	M104	X	9.322	9.322	0	%100
108	M104	Z	5.382	5.382	0	%100
109	M109	X	2.723	2.723	0	%100
110	M109	Z	1.572	1.572	0	%100
111	M181	X	9.322	9.322	0	%100
112	M181	Z	5.382	5.382	0	%100
113	M114	X	4.153	4.153	0	%100
114	M114	Z	2.398	2.398	0	%100
115	M115	X	11.171	11.171	0	%100
116	M115	Z	6.45	6.45	0	%100
117	M116	X	11.171	11.171	0	%100
118	M116	Z	6.45	6.45	0	%100
119	M117A	X	10.89	10.89	0	%100
120	M117A	Z	6.287	6.287	0	%100
121	M120	X	2.723	2.723	0	%100
122	M120	Z	1.572	1.572	0	%100
123	MP4C	X	9.322	9.322	0	%100
124	MP4C	Z	5.382	5.382	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	M20	X	4.914	4.914	0	%100
2	M20	Z	8.512	8.512	0	%100
3	MP1A	X	5.382	5.382	0	%100
4	MP1A	Z	9.322	9.322	0	%100
5	MP2A	X	5.382	5.382	0	%100
6	MP2A	Z	9.322	9.322	0	%100
7	MP3A	X	5.382	5.382	0	%100
8	MP3A	Z	9.322	9.322	0	%100
9	MP4A	X	5.382	5.382	0	%100
10	MP4A	Z	9.322	9.322	0	%100
11	M72A	X	1.795	1.795	0	%100
12	M72A	Z	3.108	3.108	0	%100
13	M73	X	4.6	4.6	0	%100
14	M73	Z	7.967	7.967	0	%100
15	M74	X	4.6	4.6	0	%100
16	M74	Z	7.967	7.967	0	%100
17	M75	X	8.424	8.424	0	%100
18	M75	Z	14.591	14.591	0	%100
19	M78	X	0	0	0	%100
20	M78	Z	0	0	0	%100
21	M79	X	4.587	4.587	0	%100
22	M79	Z	7.944	7.944	0	%100
23	M84	X	2.825	2.825	0	%100
24	M84	Z	4.894	4.894	0	%100
25	M85	X	8.58	8.58	0	%100
26	M85	Z	14.862	14.862	0	%100
27	M87A	X	8.892	8.892	0	%100
28	M87A	Z	15.402	15.402	0	%100
29	M89A	X	2.825	2.825	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,%]
30	M89A	Z	4.894	4.894	0	%100
31	M90A	X	0	0	0	%100
32	M90A	Z	0	0	0	%100
33	M92	X	0	0	0	%100
34	M92	Z	0	0	0	%100
35	M94	X	4.037	4.037	0	%100
36	M94	Z	6.992	6.992	0	%100
37	M37A	X	7.179	7.179	0	%100
38	M37A	Z	12.434	12.434	0	%100
39	M38	X	0	0	0	%100
40	M38	Z	0	0	0	%100
41	M39	X	0	0	0	%100
42	M39	Z	0	0	0	%100
43	M40	X	0	0	0	%100
44	M40	Z	0	0	0	%100
45	M43	X	4.586	4.586	0	%100
46	M43	Z	7.943	7.943	0	%100
47	M44	X	4.587	4.587	0	%100
48	M44	Z	7.944	7.944	0	%100
49	M49	X	11.302	11.302	0	%100
50	M49	Z	19.575	19.575	0	%100
51	M50	X	8.58	8.58	0	%100
52	M50	Z	14.862	14.862	0	%100
53	M52	X	8.892	8.892	0	%100
54	M52	Z	15.402	15.402	0	%100
55	M54	X	11.302	11.302	0	%100
56	M54	Z	19.575	19.575	0	%100
57	M55	X	8.58	8.58	0	%100
58	M55	Z	14.862	14.862	0	%100
59	M57	X	8.892	8.892	0	%100
60	M57	Z	15.402	15.402	0	%100
61	M59	X	1.795	1.795	0	%100
62	M59	Z	3.108	3.108	0	%100
63	M60	X	4.6	4.6	0	%100
64	M60	Z	7.967	7.967	0	%100
65	M61	X	4.6	4.6	0	%100
66	M61	Z	7.967	7.967	0	%100
67	M62	X	8.424	8.424	0	%100
68	M62	Z	14.591	14.591	0	%100
69	M65	X	4.586	4.586	0	%100
70	M65	Z	7.943	7.943	0	%100
71	M66	X	0	0	0	%100
72	M66	Z	0	0	0	%100
73	M71	X	2.825	2.825	0	%100
74	M71	Z	4.894	4.894	0	%100
75	M72	X	0	0	0	%100
76	M72	Z	0	0	0	%100
77	M74A	X	0	0	0	%100
78	M74A	Z	0	0	0	%100
79	M76A	X	2.825	2.825	0	%100
80	M76A	Z	4.894	4.894	0	%100
81	M77A	X	8.58	8.58	0	%100
82	M77A	Z	14.862	14.862	0	%100
83	M79A	X	8.892	8.892	0	%100
84	M79A	Z	15.402	15.402	0	%100
85	M81A	X	0	0	0	%100
86	M81A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
87	MP1C	X	5.382	5.382	0	%100
88	MP1C	Z	9.322	9.322	0	%100
89	MP2C	X	5.382	5.382	0	%100
90	MP2C	Z	9.322	9.322	0	%100
91	MP3C	X	5.382	5.382	0	%100
92	MP3C	Z	9.322	9.322	0	%100
93	MP5C	X	5.382	5.382	0	%100
94	MP5C	Z	9.322	9.322	0	%100
95	M90	X	0	0	0	%100
96	M90	Z	0	0	0	%100
97	M95A	X	4.914	4.914	0	%100
98	M95A	Z	8.512	8.512	0	%100
99	MP1B	X	5.382	5.382	0	%100
100	MP1B	Z	9.322	9.322	0	%100
101	MP2B	X	5.382	5.382	0	%100
102	MP2B	Z	9.322	9.322	0	%100
103	MP3B	X	5.382	5.382	0	%100
104	MP3B	Z	9.322	9.322	0	%100
105	MP4B	X	5.382	5.382	0	%100
106	MP4B	Z	9.322	9.322	0	%100
107	M104	X	4.037	4.037	0	%100
108	M104	Z	6.992	6.992	0	%100
109	M109	X	0	0	0	%100
110	M109	Z	0	0	0	%100
111	M181	X	5.382	5.382	0	%100
112	M181	Z	9.322	9.322	0	%100
113	M114	X	3.748	3.748	0	%100
114	M114	Z	6.493	6.493	0	%100
115	M115	X	3.748	3.748	0	%100
116	M115	Z	6.493	6.493	0	%100
117	M116	X	7.8	7.8	0	%100
118	M116	Z	13.511	13.511	0	%100
119	M117A	X	4.716	4.716	0	%100
120	M117A	Z	8.168	8.168	0	%100
121	M120	X	4.716	4.716	0	%100
122	M120	Z	8.168	8.168	0	%100
123	MP4C	X	5.382	5.382	0	%100
124	MP4C	Z	9.322	9.322	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	M20	X	0	0	0	%100
2	M20	Z	13.105	13.105	0	%100
3	MP1A	X	0	0	0	%100
4	MP1A	Z	10.765	10.765	0	%100
5	MP2A	X	0	0	0	%100
6	MP2A	Z	10.765	10.765	0	%100
7	MP3A	X	0	0	0	%100
8	MP3A	Z	10.765	10.765	0	%100
9	MP4A	X	0	0	0	%100
10	MP4A	Z	10.765	10.765	0	%100
11	M72A	X	0	0	0	%100
12	M72A	Z	0	0	0	%100
13	M73	X	0	0	0	%100
14	M73	Z	12.267	12.267	0	%100
15	M74	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	M74	Z	12.267	12.267	0	%100
17	M75	X	0	0	0	%100
18	M75	Z	22.465	22.465	0	%100
19	M78	X	0	0	0	%100
20	M78	Z	3.057	3.057	0	%100
21	M79	X	0	0	0	%100
22	M79	Z	3.058	3.058	0	%100
23	M84	X	0	0	0	%100
24	M84	Z	0	0	0	%100
25	M85	X	0	0	0	%100
26	M85	Z	5.72	5.72	0	%100
27	M87A	X	0	0	0	%100
28	M87A	Z	5.928	5.928	0	%100
29	M89A	X	0	0	0	%100
30	M89A	Z	0	0	0	%100
31	M90A	X	0	0	0	%100
32	M90A	Z	5.72	5.72	0	%100
33	M92	X	0	0	0	%100
34	M92	Z	5.928	5.928	0	%100
35	M94	X	0	0	0	%100
36	M94	Z	10.765	10.765	0	%100
37	M37A	X	0	0	0	%100
38	M37A	Z	10.768	10.768	0	%100
39	M38	X	0	0	0	%100
40	M38	Z	3.067	3.067	0	%100
41	M39	X	0	0	0	%100
42	M39	Z	3.067	3.067	0	%100
43	M40	X	0	0	0	%100
44	M40	Z	5.616	5.616	0	%100
45	M43	X	0	0	0	%100
46	M43	Z	3.057	3.057	0	%100
47	M44	X	0	0	0	%100
48	M44	Z	12.231	12.231	0	%100
49	M49	X	0	0	0	%100
50	M49	Z	16.953	16.953	0	%100
51	M50	X	0	0	0	%100
52	M50	Z	22.881	22.881	0	%100
53	M52	X	0	0	0	%100
54	M52	Z	23.713	23.713	0	%100
55	M54	X	0	0	0	%100
56	M54	Z	16.953	16.953	0	%100
57	M55	X	0	0	0	%100
58	M55	Z	5.72	5.72	0	%100
59	M57	X	0	0	0	%100
60	M57	Z	5.928	5.928	0	%100
61	M59	X	0	0	0	%100
62	M59	Z	10.768	10.768	0	%100
63	M60	X	0	0	0	%100
64	M60	Z	3.067	3.067	0	%100
65	M61	X	0	0	0	%100
66	M61	Z	3.067	3.067	0	%100
67	M62	X	0	0	0	%100
68	M62	Z	5.616	5.616	0	%100
69	M65	X	0	0	0	%100
70	M65	Z	12.229	12.229	0	%100
71	M66	X	0	0	0	%100
72	M66	Z	3.058	3.058	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	M71	X	0	0	0	%100
74	M71	Z	16.953	16.953	0	%100
75	M72	X	0	0	0	%100
76	M72	Z	5.72	5.72	0	%100
77	M74A	X	0	0	0	%100
78	M74A	Z	5.928	5.928	0	%100
79	M76A	X	0	0	0	%100
80	M76A	Z	16.953	16.953	0	%100
81	M77A	X	0	0	0	%100
82	M77A	Z	22.881	22.881	0	%100
83	M79A	X	0	0	0	%100
84	M79A	Z	23.713	23.713	0	%100
85	M81A	X	0	0	0	%100
86	M81A	Z	3.276	3.276	0	%100
87	MP1C	X	0	0	0	%100
88	MP1C	Z	10.765	10.765	0	%100
89	MP2C	X	0	0	0	%100
90	MP2C	Z	10.765	10.765	0	%100
91	MP3C	X	0	0	0	%100
92	MP3C	Z	10.765	10.765	0	%100
93	MP5C	X	0	0	0	%100
94	MP5C	Z	10.765	10.765	0	%100
95	M90	X	0	0	0	%100
96	M90	Z	2.691	2.691	0	%100
97	M95A	X	0	0	0	%100
98	M95A	Z	3.276	3.276	0	%100
99	MP1B	X	0	0	0	%100
100	MP1B	Z	10.765	10.765	0	%100
101	MP2B	X	0	0	0	%100
102	MP2B	Z	10.765	10.765	0	%100
103	MP3B	X	0	0	0	%100
104	MP3B	Z	10.765	10.765	0	%100
105	MP4B	X	0	0	0	%100
106	MP4B	Z	10.765	10.765	0	%100
107	M104	X	0	0	0	%100
108	M104	Z	2.691	2.691	0	%100
109	M109	X	0	0	0	%100
110	M109	Z	3.144	3.144	0	%100
111	M181	X	0	0	0	%100
112	M181	Z	10.765	10.765	0	%100
113	M114	X	0	0	0	%100
114	M114	Z	12.899	12.899	0	%100
115	M115	X	0	0	0	%100
116	M115	Z	4.796	4.796	0	%100
117	M116	X	0	0	0	%100
118	M116	Z	12.899	12.899	0	%100
119	M117A	X	0	0	0	%100
120	M117A	Z	3.144	3.144	0	%100
121	M120	X	0	0	0	%100
122	M120	Z	12.575	12.575	0	%100
123	MP4C	X	0	0	0	%100
124	MP4C	Z	10.765	10.765	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	M20	X	-4.914	-4.914	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,%]
2	M20	Z	8.512	8.512	0	%100
3	MP1A	X	-5.382	-5.382	0	%100
4	MP1A	Z	9.322	9.322	0	%100
5	MP2A	X	-5.382	-5.382	0	%100
6	MP2A	Z	9.322	9.322	0	%100
7	MP3A	X	-5.382	-5.382	0	%100
8	MP3A	Z	9.322	9.322	0	%100
9	MP4A	X	-5.382	-5.382	0	%100
10	MP4A	Z	9.322	9.322	0	%100
11	M72A	X	-1.795	-1.795	0	%100
12	M72A	Z	3.108	3.108	0	%100
13	M73	X	-4.6	-4.6	0	%100
14	M73	Z	7.967	7.967	0	%100
15	M74	X	-4.6	-4.6	0	%100
16	M74	Z	7.967	7.967	0	%100
17	M75	X	-8.424	-8.424	0	%100
18	M75	Z	14.591	14.591	0	%100
19	M78	X	-4.586	-4.586	0	%100
20	M78	Z	7.943	7.943	0	%100
21	M79	X	0	0	0	%100
22	M79	Z	0	0	0	%100
23	M84	X	-2.825	-2.825	0	%100
24	M84	Z	4.894	4.894	0	%100
25	M85	X	0	0	0	%100
26	M85	Z	0	0	0	%100
27	M87A	X	0	0	0	%100
28	M87A	Z	0	0	0	%100
29	M89A	X	-2.825	-2.825	0	%100
30	M89A	Z	4.894	4.894	0	%100
31	M90A	X	-8.58	-8.58	0	%100
32	M90A	Z	14.862	14.862	0	%100
33	M92	X	-8.892	-8.892	0	%100
34	M92	Z	15.402	15.402	0	%100
35	M94	X	-4.037	-4.037	0	%100
36	M94	Z	6.992	6.992	0	%100
37	M37A	X	-1.795	-1.795	0	%100
38	M37A	Z	3.108	3.108	0	%100
39	M38	X	-4.6	-4.6	0	%100
40	M38	Z	7.967	7.967	0	%100
41	M39	X	-4.6	-4.6	0	%100
42	M39	Z	7.967	7.967	0	%100
43	M40	X	-8.424	-8.424	0	%100
44	M40	Z	14.591	14.591	0	%100
45	M43	X	0	0	0	%100
46	M43	Z	0	0	0	%100
47	M44	X	-4.587	-4.587	0	%100
48	M44	Z	7.944	7.944	0	%100
49	M49	X	-2.825	-2.825	0	%100
50	M49	Z	4.894	4.894	0	%100
51	M50	X	-8.58	-8.58	0	%100
52	M50	Z	14.862	14.862	0	%100
53	M52	X	-8.892	-8.892	0	%100
54	M52	Z	15.402	15.402	0	%100
55	M54	X	-2.825	-2.825	0	%100
56	M54	Z	4.894	4.894	0	%100
57	M55	X	0	0	0	%100
58	M55	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,%]
59	M57	X	0	0	0	%100
60	M57	Z	0	0	0	%100
61	M59	X	-7.179	-7.179	0	%100
62	M59	Z	12.434	12.434	0	%100
63	M60	X	0	0	0	%100
64	M60	Z	0	0	0	%100
65	M61	X	0	0	0	%100
66	M61	Z	0	0	0	%100
67	M62	X	0	0	0	%100
68	M62	Z	0	0	0	%100
69	M65	X	-4.586	-4.586	0	%100
70	M65	Z	7.943	7.943	0	%100
71	M66	X	-4.587	-4.587	0	%100
72	M66	Z	7.944	7.944	0	%100
73	M71	X	-11.302	-11.302	0	%100
74	M71	Z	19.575	19.575	0	%100
75	M72	X	-8.58	-8.58	0	%100
76	M72	Z	14.862	14.862	0	%100
77	M74A	X	-8.892	-8.892	0	%100
78	M74A	Z	15.402	15.402	0	%100
79	M76A	X	-11.302	-11.302	0	%100
80	M76A	Z	19.575	19.575	0	%100
81	M77A	X	-8.58	-8.58	0	%100
82	M77A	Z	14.862	14.862	0	%100
83	M79A	X	-8.892	-8.892	0	%100
84	M79A	Z	15.402	15.402	0	%100
85	M81A	X	-4.914	-4.914	0	%100
86	M81A	Z	8.512	8.512	0	%100
87	MP1C	X	-5.382	-5.382	0	%100
88	MP1C	Z	9.322	9.322	0	%100
89	MP2C	X	-5.382	-5.382	0	%100
90	MP2C	Z	9.322	9.322	0	%100
91	MP3C	X	-5.382	-5.382	0	%100
92	MP3C	Z	9.322	9.322	0	%100
93	MP5C	X	-5.382	-5.382	0	%100
94	MP5C	Z	9.322	9.322	0	%100
95	M90	X	-4.037	-4.037	0	%100
96	M90	Z	6.992	6.992	0	%100
97	M95A	X	0	0	0	%100
98	M95A	Z	0	0	0	%100
99	MP1B	X	-5.382	-5.382	0	%100
100	MP1B	Z	9.322	9.322	0	%100
101	MP2B	X	-5.382	-5.382	0	%100
102	MP2B	Z	9.322	9.322	0	%100
103	MP3B	X	-5.382	-5.382	0	%100
104	MP3B	Z	9.322	9.322	0	%100
105	MP4B	X	-5.382	-5.382	0	%100
106	MP4B	Z	9.322	9.322	0	%100
107	M104	X	0	0	0	%100
108	M104	Z	0	0	0	%100
109	M109	X	-4.716	-4.716	0	%100
110	M109	Z	8.168	8.168	0	%100
111	M181	X	-5.382	-5.382	0	%100
112	M181	Z	9.322	9.322	0	%100
113	M114	X	-7.8	-7.8	0	%100
114	M114	Z	13.511	13.511	0	%100
115	M115	X	-3.748	-3.748	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,%]
116	M115	Z	6.493	6.493	0	%100
117	M116	X	-3.748	-3.748	0	%100
118	M116	Z	6.493	6.493	0	%100
119	M117A	X	0	0	0	%100
120	M117A	Z	0	0	0	%100
121	M120	X	-4.716	-4.716	0	%100
122	M120	Z	8.168	8.168	0	%100
123	MP4C	X	-5.382	-5.382	0	%100
124	MP4C	Z	9.322	9.322	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	M20	X	-2.837	-2.837	0	%100
2	M20	Z	1.638	1.638	0	%100
3	MP1A	X	-9.322	-9.322	0	%100
4	MP1A	Z	5.382	5.382	0	%100
5	MP2A	X	-9.322	-9.322	0	%100
6	MP2A	Z	5.382	5.382	0	%100
7	MP3A	X	-9.322	-9.322	0	%100
8	MP3A	Z	5.382	5.382	0	%100
9	MP4A	X	-9.322	-9.322	0	%100
10	MP4A	Z	5.382	5.382	0	%100
11	M72A	X	-9.325	-9.325	0	%100
12	M72A	Z	5.384	5.384	0	%100
13	M73	X	-2.656	-2.656	0	%100
14	M73	Z	1.533	1.533	0	%100
15	M74	X	-2.656	-2.656	0	%100
16	M74	Z	1.533	1.533	0	%100
17	M75	X	-4.864	-4.864	0	%100
18	M75	Z	2.808	2.808	0	%100
19	M78	X	-10.591	-10.591	0	%100
20	M78	Z	6.115	6.115	0	%100
21	M79	X	-2.648	-2.648	0	%100
22	M79	Z	1.529	1.529	0	%100
23	M84	X	-14.682	-14.682	0	%100
24	M84	Z	8.476	8.476	0	%100
25	M85	X	-4.954	-4.954	0	%100
26	M85	Z	2.86	2.86	0	%100
27	M87A	X	-5.134	-5.134	0	%100
28	M87A	Z	2.964	2.964	0	%100
29	M89A	X	-14.682	-14.682	0	%100
30	M89A	Z	8.476	8.476	0	%100
31	M90A	X	-19.816	-19.816	0	%100
32	M90A	Z	11.441	11.441	0	%100
33	M92	X	-20.536	-20.536	0	%100
34	M92	Z	11.857	11.857	0	%100
35	M94	X	-2.331	-2.331	0	%100
36	M94	Z	1.346	1.346	0	%100
37	M37A	X	0	0	0	%100
38	M37A	Z	0	0	0	%100
39	M38	X	-10.623	-10.623	0	%100
40	M38	Z	6.133	6.133	0	%100
41	M39	X	-10.623	-10.623	0	%100
42	M39	Z	6.133	6.133	0	%100
43	M40	X	-19.455	-19.455	0	%100
44	M40	Z	11.233	11.233	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,%]
45	M43	X	-2.648	-2.648	0	%100
46	M43	Z	1.529	1.529	0	%100
47	M44	X	-2.648	-2.648	0	%100
48	M44	Z	1.529	1.529	0	%100
49	M49	X	0	0	0	%100
50	M49	Z	0	0	0	%100
51	M50	X	-4.954	-4.954	0	%100
52	M50	Z	2.86	2.86	0	%100
53	M52	X	-5.134	-5.134	0	%100
54	M52	Z	2.964	2.964	0	%100
55	M54	X	0	0	0	%100
56	M54	Z	0	0	0	%100
57	M55	X	-4.954	-4.954	0	%100
58	M55	Z	2.86	2.86	0	%100
59	M57	X	-5.134	-5.134	0	%100
60	M57	Z	2.964	2.964	0	%100
61	M59	X	-9.325	-9.325	0	%100
62	M59	Z	5.384	5.384	0	%100
63	M60	X	-2.656	-2.656	0	%100
64	M60	Z	1.533	1.533	0	%100
65	M61	X	-2.656	-2.656	0	%100
66	M61	Z	1.533	1.533	0	%100
67	M62	X	-4.864	-4.864	0	%100
68	M62	Z	2.808	2.808	0	%100
69	M65	X	-2.648	-2.648	0	%100
70	M65	Z	1.529	1.529	0	%100
71	M66	X	-10.592	-10.592	0	%100
72	M66	Z	6.116	6.116	0	%100
73	M71	X	-14.682	-14.682	0	%100
74	M71	Z	8.476	8.476	0	%100
75	M72	X	-19.816	-19.816	0	%100
76	M72	Z	11.441	11.441	0	%100
77	M74A	X	-20.536	-20.536	0	%100
78	M74A	Z	11.857	11.857	0	%100
79	M76A	X	-14.682	-14.682	0	%100
80	M76A	Z	8.476	8.476	0	%100
81	M77A	X	-4.954	-4.954	0	%100
82	M77A	Z	2.86	2.86	0	%100
83	M79A	X	-5.134	-5.134	0	%100
84	M79A	Z	2.964	2.964	0	%100
85	M81A	X	-11.349	-11.349	0	%100
86	M81A	Z	6.552	6.552	0	%100
87	MP1C	X	-9.322	-9.322	0	%100
88	MP1C	Z	5.382	5.382	0	%100
89	MP2C	X	-9.322	-9.322	0	%100
90	MP2C	Z	5.382	5.382	0	%100
91	MP3C	X	-9.322	-9.322	0	%100
92	MP3C	Z	5.382	5.382	0	%100
93	MP5C	X	-9.322	-9.322	0	%100
94	MP5C	Z	5.382	5.382	0	%100
95	M90	X	-9.322	-9.322	0	%100
96	M90	Z	5.382	5.382	0	%100
97	M95A	X	-2.837	-2.837	0	%100
98	M95A	Z	1.638	1.638	0	%100
99	MP1B	X	-9.322	-9.322	0	%100
100	MP1B	Z	5.382	5.382	0	%100
101	MP2B	X	-9.322	-9.322	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,%]
102	MP2B	Z	5.382	5.382	0	%100
103	MP3B	X	-9.322	-9.322	0	%100
104	MP3B	Z	5.382	5.382	0	%100
105	MP4B	X	-9.322	-9.322	0	%100
106	MP4B	Z	5.382	5.382	0	%100
107	M104	X	-2.331	-2.331	0	%100
108	M104	Z	1.346	1.346	0	%100
109	M109	X	-10.89	-10.89	0	%100
110	M109	Z	6.287	6.287	0	%100
111	M181	X	-9.322	-9.322	0	%100
112	M181	Z	5.382	5.382	0	%100
113	M114	X	-11.171	-11.171	0	%100
114	M114	Z	6.45	6.45	0	%100
115	M115	X	-11.171	-11.171	0	%100
116	M115	Z	6.45	6.45	0	%100
117	M116	X	-4.153	-4.153	0	%100
118	M116	Z	2.398	2.398	0	%100
119	M117A	X	-2.723	-2.723	0	%100
120	M117A	Z	1.572	1.572	0	%100
121	M120	X	-2.723	-2.723	0	%100
122	M120	Z	1.572	1.572	0	%100
123	MP4C	X	-9.322	-9.322	0	%100
124	MP4C	Z	5.382	5.382	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	M20	X	0	0	0	%100
2	M20	Z	0	0	0	%100
3	MP1A	X	-10.765	-10.765	0	%100
4	MP1A	Z	0	0	0	%100
5	MP2A	X	-10.765	-10.765	0	%100
6	MP2A	Z	0	0	0	%100
7	MP3A	X	-10.765	-10.765	0	%100
8	MP3A	Z	0	0	0	%100
9	MP4A	X	-10.765	-10.765	0	%100
10	MP4A	Z	0	0	0	%100
11	M72A	X	-14.357	-14.357	0	%100
12	M72A	Z	0	0	0	%100
13	M73	X	0	0	0	%100
14	M73	Z	0	0	0	%100
15	M74	X	0	0	0	%100
16	M74	Z	0	0	0	%100
17	M75	X	0	0	0	%100
18	M75	Z	0	0	0	%100
19	M78	X	-9.172	-9.172	0	%100
20	M78	Z	0	0	0	%100
21	M79	X	-9.173	-9.173	0	%100
22	M79	Z	0	0	0	%100
23	M84	X	-22.604	-22.604	0	%100
24	M84	Z	0	0	0	%100
25	M85	X	-17.161	-17.161	0	%100
26	M85	Z	0	0	0	%100
27	M87A	X	-17.785	-17.785	0	%100
28	M87A	Z	0	0	0	%100
29	M89A	X	-22.604	-22.604	0	%100
30	M89A	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,%]
31	M90A	X	-17.161	-17.161	0	%100
32	M90A	Z	0	0	0	%100
33	M92	X	-17.785	-17.785	0	%100
34	M92	Z	0	0	0	%100
35	M94	X	0	0	0	%100
36	M94	Z	0	0	0	%100
37	M37A	X	-3.589	-3.589	0	%100
38	M37A	Z	0	0	0	%100
39	M38	X	-9.2	-9.2	0	%100
40	M38	Z	0	0	0	%100
41	M39	X	-9.2	-9.2	0	%100
42	M39	Z	0	0	0	%100
43	M40	X	-16.849	-16.849	0	%100
44	M40	Z	0	0	0	%100
45	M43	X	-9.172	-9.172	0	%100
46	M43	Z	0	0	0	%100
47	M44	X	0	0	0	%100
48	M44	Z	0	0	0	%100
49	M49	X	-5.651	-5.651	0	%100
50	M49	Z	0	0	0	%100
51	M50	X	0	0	0	%100
52	M50	Z	0	0	0	%100
53	M52	X	0	0	0	%100
54	M52	Z	0	0	0	%100
55	M54	X	-5.651	-5.651	0	%100
56	M54	Z	0	0	0	%100
57	M55	X	-17.161	-17.161	0	%100
58	M55	Z	0	0	0	%100
59	M57	X	-17.785	-17.785	0	%100
60	M57	Z	0	0	0	%100
61	M59	X	-3.589	-3.589	0	%100
62	M59	Z	0	0	0	%100
63	M60	X	-9.2	-9.2	0	%100
64	M60	Z	0	0	0	%100
65	M61	X	-9.2	-9.2	0	%100
66	M61	Z	0	0	0	%100
67	M62	X	-16.849	-16.849	0	%100
68	M62	Z	0	0	0	%100
69	M65	X	0	0	0	%100
70	M65	Z	0	0	0	%100
71	M66	X	-9.173	-9.173	0	%100
72	M66	Z	0	0	0	%100
73	M71	X	-5.651	-5.651	0	%100
74	M71	Z	0	0	0	%100
75	M72	X	-17.161	-17.161	0	%100
76	M72	Z	0	0	0	%100
77	M74A	X	-17.785	-17.785	0	%100
78	M74A	Z	0	0	0	%100
79	M76A	X	-5.651	-5.651	0	%100
80	M76A	Z	0	0	0	%100
81	M77A	X	0	0	0	%100
82	M77A	Z	0	0	0	%100
83	M79A	X	0	0	0	%100
84	M79A	Z	0	0	0	%100
85	M81A	X	-9.828	-9.828	0	%100
86	M81A	Z	0	0	0	%100
87	MP1C	X	-10.765	-10.765	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,%]
88	MP1C	Z	0	0	0	%100
89	MP2C	X	-10.765	-10.765	0	%100
90	MP2C	Z	0	0	0	%100
91	MP3C	X	-10.765	-10.765	0	%100
92	MP3C	Z	0	0	0	%100
93	MP5C	X	-10.765	-10.765	0	%100
94	MP5C	Z	0	0	0	%100
95	M90	X	-8.073	-8.073	0	%100
96	M90	Z	0	0	0	%100
97	M95A	X	-9.828	-9.828	0	%100
98	M95A	Z	0	0	0	%100
99	MP1B	X	-10.765	-10.765	0	%100
100	MP1B	Z	0	0	0	%100
101	MP2B	X	-10.765	-10.765	0	%100
102	MP2B	Z	0	0	0	%100
103	MP3B	X	-10.765	-10.765	0	%100
104	MP3B	Z	0	0	0	%100
105	MP4B	X	-10.765	-10.765	0	%100
106	MP4B	Z	0	0	0	%100
107	M104	X	-8.073	-8.073	0	%100
108	M104	Z	0	0	0	%100
109	M109	X	-9.431	-9.431	0	%100
110	M109	Z	0	0	0	%100
111	M181	X	-10.765	-10.765	0	%100
112	M181	Z	0	0	0	%100
113	M114	X	-7.497	-7.497	0	%100
114	M114	Z	0	0	0	%100
115	M115	X	-15.601	-15.601	0	%100
116	M115	Z	0	0	0	%100
117	M116	X	-7.497	-7.497	0	%100
118	M116	Z	0	0	0	%100
119	M117A	X	-9.431	-9.431	0	%100
120	M117A	Z	0	0	0	%100
121	M120	X	0	0	0	%100
122	M120	Z	0	0	0	%100
123	MP4C	X	-10.765	-10.765	0	%100
124	MP4C	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	M20	X	-2.837	-2.837	0	%100
2	M20	Z	-1.638	-1.638	0	%100
3	MP1A	X	-9.322	-9.322	0	%100
4	MP1A	Z	-5.382	-5.382	0	%100
5	MP2A	X	-9.322	-9.322	0	%100
6	MP2A	Z	-5.382	-5.382	0	%100
7	MP3A	X	-9.322	-9.322	0	%100
8	MP3A	Z	-5.382	-5.382	0	%100
9	MP4A	X	-9.322	-9.322	0	%100
10	MP4A	Z	-5.382	-5.382	0	%100
11	M72A	X	-9.325	-9.325	0	%100
12	M72A	Z	-5.384	-5.384	0	%100
13	M73	X	-2.656	-2.656	0	%100
14	M73	Z	-1.533	-1.533	0	%100
15	M74	X	-2.656	-2.656	0	%100
16	M74	Z	-1.533	-1.533	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,%]
17	M75	X	-4.864	-4.864	0	%100
18	M75	Z	-2.808	-2.808	0	%100
19	M78	X	-2.648	-2.648	0	%100
20	M78	Z	-1.529	-1.529	0	%100
21	M79	X	-10.592	-10.592	0	%100
22	M79	Z	-6.116	-6.116	0	%100
23	M84	X	-14.682	-14.682	0	%100
24	M84	Z	-8.476	-8.476	0	%100
25	M85	X	-19.816	-19.816	0	%100
26	M85	Z	-11.441	-11.441	0	%100
27	M87A	X	-20.536	-20.536	0	%100
28	M87A	Z	-11.857	-11.857	0	%100
29	M89A	X	-14.682	-14.682	0	%100
30	M89A	Z	-8.476	-8.476	0	%100
31	M90A	X	-4.954	-4.954	0	%100
32	M90A	Z	-2.86	-2.86	0	%100
33	M92	X	-5.134	-5.134	0	%100
34	M92	Z	-2.964	-2.964	0	%100
35	M94	X	-2.331	-2.331	0	%100
36	M94	Z	-1.346	-1.346	0	%100
37	M37A	X	-9.325	-9.325	0	%100
38	M37A	Z	-5.384	-5.384	0	%100
39	M38	X	-2.656	-2.656	0	%100
40	M38	Z	-1.533	-1.533	0	%100
41	M39	X	-2.656	-2.656	0	%100
42	M39	Z	-1.533	-1.533	0	%100
43	M40	X	-4.864	-4.864	0	%100
44	M40	Z	-2.808	-2.808	0	%100
45	M43	X	-10.591	-10.591	0	%100
46	M43	Z	-6.115	-6.115	0	%100
47	M44	X	-2.648	-2.648	0	%100
48	M44	Z	-1.529	-1.529	0	%100
49	M49	X	-14.682	-14.682	0	%100
50	M49	Z	-8.476	-8.476	0	%100
51	M50	X	-4.954	-4.954	0	%100
52	M50	Z	-2.86	-2.86	0	%100
53	M52	X	-5.134	-5.134	0	%100
54	M52	Z	-2.964	-2.964	0	%100
55	M54	X	-14.682	-14.682	0	%100
56	M54	Z	-8.476	-8.476	0	%100
57	M55	X	-19.816	-19.816	0	%100
58	M55	Z	-11.441	-11.441	0	%100
59	M57	X	-20.536	-20.536	0	%100
60	M57	Z	-11.857	-11.857	0	%100
61	M59	X	0	0	0	%100
62	M59	Z	0	0	0	%100
63	M60	X	-10.623	-10.623	0	%100
64	M60	Z	-6.133	-6.133	0	%100
65	M61	X	-10.623	-10.623	0	%100
66	M61	Z	-6.133	-6.133	0	%100
67	M62	X	-19.455	-19.455	0	%100
68	M62	Z	-11.233	-11.233	0	%100
69	M65	X	-2.648	-2.648	0	%100
70	M65	Z	-1.529	-1.529	0	%100
71	M66	X	-2.648	-2.648	0	%100
72	M66	Z	-1.529	-1.529	0	%100
73	M71	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
74	M71	Z	0	0	0	%100
75	M72	X	-4.954	-4.954	0	%100
76	M72	Z	-2.86	-2.86	0	%100
77	M74A	X	-5.134	-5.134	0	%100
78	M74A	Z	-2.964	-2.964	0	%100
79	M76A	X	0	0	0	%100
80	M76A	Z	0	0	0	%100
81	M77A	X	-4.954	-4.954	0	%100
82	M77A	Z	-2.86	-2.86	0	%100
83	M79A	X	-5.134	-5.134	0	%100
84	M79A	Z	-2.964	-2.964	0	%100
85	M81A	X	-2.837	-2.837	0	%100
86	M81A	Z	-1.638	-1.638	0	%100
87	MP1C	X	-9.322	-9.322	0	%100
88	MP1C	Z	-5.382	-5.382	0	%100
89	MP2C	X	-9.322	-9.322	0	%100
90	MP2C	Z	-5.382	-5.382	0	%100
91	MP3C	X	-9.322	-9.322	0	%100
92	MP3C	Z	-5.382	-5.382	0	%100
93	MP5C	X	-9.322	-9.322	0	%100
94	MP5C	Z	-5.382	-5.382	0	%100
95	M90	X	-2.331	-2.331	0	%100
96	M90	Z	-1.346	-1.346	0	%100
97	M95A	X	-11.349	-11.349	0	%100
98	M95A	Z	-6.552	-6.552	0	%100
99	MP1B	X	-9.322	-9.322	0	%100
100	MP1B	Z	-5.382	-5.382	0	%100
101	MP2B	X	-9.322	-9.322	0	%100
102	MP2B	Z	-5.382	-5.382	0	%100
103	MP3B	X	-9.322	-9.322	0	%100
104	MP3B	Z	-5.382	-5.382	0	%100
105	MP4B	X	-9.322	-9.322	0	%100
106	MP4B	Z	-5.382	-5.382	0	%100
107	M104	X	-9.322	-9.322	0	%100
108	M104	Z	-5.382	-5.382	0	%100
109	M109	X	-2.723	-2.723	0	%100
110	M109	Z	-1.572	-1.572	0	%100
111	M181	X	-9.322	-9.322	0	%100
112	M181	Z	-5.382	-5.382	0	%100
113	M114	X	-4.153	-4.153	0	%100
114	M114	Z	-2.398	-2.398	0	%100
115	M115	X	-11.171	-11.171	0	%100
116	M115	Z	-6.45	-6.45	0	%100
117	M116	X	-11.171	-11.171	0	%100
118	M116	Z	-6.45	-6.45	0	%100
119	M117A	X	-10.89	-10.89	0	%100
120	M117A	Z	-6.287	-6.287	0	%100
121	M120	X	-2.723	-2.723	0	%100
122	M120	Z	-1.572	-1.572	0	%100
123	MP4C	X	-9.322	-9.322	0	%100
124	MP4C	Z	-5.382	-5.382	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M20	X	-4.914	-4.914	0	%100
2	M20	Z	-8.512	-8.512	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,%]
3	MP1A	X	-5.382	-5.382	0	%100
4	MP1A	Z	-9.322	-9.322	0	%100
5	MP2A	X	-5.382	-5.382	0	%100
6	MP2A	Z	-9.322	-9.322	0	%100
7	MP3A	X	-5.382	-5.382	0	%100
8	MP3A	Z	-9.322	-9.322	0	%100
9	MP4A	X	-5.382	-5.382	0	%100
10	MP4A	Z	-9.322	-9.322	0	%100
11	M72A	X	-1.795	-1.795	0	%100
12	M72A	Z	-3.108	-3.108	0	%100
13	M73	X	-4.6	-4.6	0	%100
14	M73	Z	-7.967	-7.967	0	%100
15	M74	X	-4.6	-4.6	0	%100
16	M74	Z	-7.967	-7.967	0	%100
17	M75	X	-8.424	-8.424	0	%100
18	M75	Z	-14.591	-14.591	0	%100
19	M78	X	0	0	0	%100
20	M78	Z	0	0	0	%100
21	M79	X	-4.587	-4.587	0	%100
22	M79	Z	-7.944	-7.944	0	%100
23	M84	X	-2.825	-2.825	0	%100
24	M84	Z	-4.894	-4.894	0	%100
25	M85	X	-8.58	-8.58	0	%100
26	M85	Z	-14.862	-14.862	0	%100
27	M87A	X	-8.892	-8.892	0	%100
28	M87A	Z	-15.402	-15.402	0	%100
29	M89A	X	-2.825	-2.825	0	%100
30	M89A	Z	-4.894	-4.894	0	%100
31	M90A	X	0	0	0	%100
32	M90A	Z	0	0	0	%100
33	M92	X	0	0	0	%100
34	M92	Z	0	0	0	%100
35	M94	X	-4.037	-4.037	0	%100
36	M94	Z	-6.992	-6.992	0	%100
37	M37A	X	-7.179	-7.179	0	%100
38	M37A	Z	-12.434	-12.434	0	%100
39	M38	X	0	0	0	%100
40	M38	Z	0	0	0	%100
41	M39	X	0	0	0	%100
42	M39	Z	0	0	0	%100
43	M40	X	0	0	0	%100
44	M40	Z	0	0	0	%100
45	M43	X	-4.586	-4.586	0	%100
46	M43	Z	-7.943	-7.943	0	%100
47	M44	X	-4.587	-4.587	0	%100
48	M44	Z	-7.944	-7.944	0	%100
49	M49	X	-11.302	-11.302	0	%100
50	M49	Z	-19.575	-19.575	0	%100
51	M50	X	-8.58	-8.58	0	%100
52	M50	Z	-14.862	-14.862	0	%100
53	M52	X	-8.892	-8.892	0	%100
54	M52	Z	-15.402	-15.402	0	%100
55	M54	X	-11.302	-11.302	0	%100
56	M54	Z	-19.575	-19.575	0	%100
57	M55	X	-8.58	-8.58	0	%100
58	M55	Z	-14.862	-14.862	0	%100
59	M57	X	-8.892	-8.892	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,%]
60	M57	Z	-15.402	-15.402	0	%100
61	M59	X	-1.795	-1.795	0	%100
62	M59	Z	-3.108	-3.108	0	%100
63	M60	X	-4.6	-4.6	0	%100
64	M60	Z	-7.967	-7.967	0	%100
65	M61	X	-4.6	-4.6	0	%100
66	M61	Z	-7.967	-7.967	0	%100
67	M62	X	-8.424	-8.424	0	%100
68	M62	Z	-14.591	-14.591	0	%100
69	M65	X	-4.586	-4.586	0	%100
70	M65	Z	-7.943	-7.943	0	%100
71	M66	X	0	0	0	%100
72	M66	Z	0	0	0	%100
73	M71	X	-2.825	-2.825	0	%100
74	M71	Z	-4.894	-4.894	0	%100
75	M72	X	0	0	0	%100
76	M72	Z	0	0	0	%100
77	M74A	X	0	0	0	%100
78	M74A	Z	0	0	0	%100
79	M76A	X	-2.825	-2.825	0	%100
80	M76A	Z	-4.894	-4.894	0	%100
81	M77A	X	-8.58	-8.58	0	%100
82	M77A	Z	-14.862	-14.862	0	%100
83	M79A	X	-8.892	-8.892	0	%100
84	M79A	Z	-15.402	-15.402	0	%100
85	M81A	X	0	0	0	%100
86	M81A	Z	0	0	0	%100
87	MP1C	X	-5.382	-5.382	0	%100
88	MP1C	Z	-9.322	-9.322	0	%100
89	MP2C	X	-5.382	-5.382	0	%100
90	MP2C	Z	-9.322	-9.322	0	%100
91	MP3C	X	-5.382	-5.382	0	%100
92	MP3C	Z	-9.322	-9.322	0	%100
93	MP5C	X	-5.382	-5.382	0	%100
94	MP5C	Z	-9.322	-9.322	0	%100
95	M90	X	0	0	0	%100
96	M90	Z	0	0	0	%100
97	M95A	X	-4.914	-4.914	0	%100
98	M95A	Z	-8.512	-8.512	0	%100
99	MP1B	X	-5.382	-5.382	0	%100
100	MP1B	Z	-9.322	-9.322	0	%100
101	MP2B	X	-5.382	-5.382	0	%100
102	MP2B	Z	-9.322	-9.322	0	%100
103	MP3B	X	-5.382	-5.382	0	%100
104	MP3B	Z	-9.322	-9.322	0	%100
105	MP4B	X	-5.382	-5.382	0	%100
106	MP4B	Z	-9.322	-9.322	0	%100
107	M104	X	-4.037	-4.037	0	%100
108	M104	Z	-6.992	-6.992	0	%100
109	M109	X	0	0	0	%100
110	M109	Z	0	0	0	%100
111	M181	X	-5.382	-5.382	0	%100
112	M181	Z	-9.322	-9.322	0	%100
113	M114	X	-3.748	-3.748	0	%100
114	M114	Z	-6.493	-6.493	0	%100
115	M115	X	-3.748	-3.748	0	%100
116	M115	Z	-6.493	-6.493	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,%]
117	M116	X	-7.8	-7.8	0	%100
118	M116	Z	-13.511	-13.511	0	%100
119	M117A	X	-4.716	-4.716	0	%100
120	M117A	Z	-8.168	-8.168	0	%100
121	M120	X	-4.716	-4.716	0	%100
122	M120	Z	-8.168	-8.168	0	%100
123	MP4C	X	-5.382	-5.382	0	%100
124	MP4C	Z	-9.322	-9.322	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	M20	X	0	0	0	%100
2	M20	Z	-4.086	-4.086	0	%100
3	MP1A	X	0	0	0	%100
4	MP1A	Z	-3.643	-3.643	0	%100
5	MP2A	X	0	0	0	%100
6	MP2A	Z	-3.643	-3.643	0	%100
7	MP3A	X	0	0	0	%100
8	MP3A	Z	-3.643	-3.643	0	%100
9	MP4A	X	0	0	0	%100
10	MP4A	Z	-3.643	-3.643	0	%100
11	M72A	X	0	0	0	%100
12	M72A	Z	0	0	0	%100
13	M73	X	0	0	0	%100
14	M73	Z	-3.561	-3.561	0	%100
15	M74	X	0	0	0	%100
16	M74	Z	-3.561	-3.561	0	%100
17	M75	X	0	0	0	%100
18	M75	Z	-5.283	-5.283	0	%100
19	M78	X	0	0	0	%100
20	M78	Z	-.95	-.95	0	%100
21	M79	X	0	0	0	%100
22	M79	Z	-.95	-.95	0	%100
23	M84	X	0	0	0	%100
24	M84	Z	0	0	0	%100
25	M85	X	0	0	0	%100
26	M85	Z	-1.316	-1.316	0	%100
27	M87A	X	0	0	0	%100
28	M87A	Z	-1.355	-1.355	0	%100
29	M89A	X	0	0	0	%100
30	M89A	Z	0	0	0	%100
31	M90A	X	0	0	0	%100
32	M90A	Z	-1.316	-1.316	0	%100
33	M92	X	0	0	0	%100
34	M92	Z	-1.355	-1.355	0	%100
35	M94	X	0	0	0	%100
36	M94	Z	-3.643	-3.643	0	%100
37	M37A	X	0	0	0	%100
38	M37A	Z	-3.242	-3.242	0	%100
39	M38	X	0	0	0	%100
40	M38	Z	-.89	-.89	0	%100
41	M39	X	0	0	0	%100
42	M39	Z	-.89	-.89	0	%100
43	M40	X	0	0	0	%100
44	M40	Z	-1.321	-1.321	0	%100
45	M43	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
46	M43	Z	-.95	-.95	0	%100
47	M44	X	0	0	0	%100
48	M44	Z	-3.8	-3.8	0	%100
49	M49	X	0	0	0	%100
50	M49	Z	-3.908	-3.908	0	%100
51	M50	X	0	0	0	%100
52	M50	Z	-5.264	-5.264	0	%100
53	M52	X	0	0	0	%100
54	M52	Z	-5.421	-5.421	0	%100
55	M54	X	0	0	0	%100
56	M54	Z	-3.908	-3.908	0	%100
57	M55	X	0	0	0	%100
58	M55	Z	-1.316	-1.316	0	%100
59	M57	X	0	0	0	%100
60	M57	Z	-1.355	-1.355	0	%100
61	M59	X	0	0	0	%100
62	M59	Z	-3.242	-3.242	0	%100
63	M60	X	0	0	0	%100
64	M60	Z	-.89	-.89	0	%100
65	M61	X	0	0	0	%100
66	M61	Z	-.89	-.89	0	%100
67	M62	X	0	0	0	%100
68	M62	Z	-1.321	-1.321	0	%100
69	M65	X	0	0	0	%100
70	M65	Z	-3.799	-3.799	0	%100
71	M66	X	0	0	0	%100
72	M66	Z	-.95	-.95	0	%100
73	M71	X	0	0	0	%100
74	M71	Z	-3.908	-3.908	0	%100
75	M72	X	0	0	0	%100
76	M72	Z	-1.316	-1.316	0	%100
77	M74A	X	0	0	0	%100
78	M74A	Z	-1.355	-1.355	0	%100
79	M76A	X	0	0	0	%100
80	M76A	Z	-3.908	-3.908	0	%100
81	M77A	X	0	0	0	%100
82	M77A	Z	-5.264	-5.264	0	%100
83	M79A	X	0	0	0	%100
84	M79A	Z	-5.421	-5.421	0	%100
85	M81A	X	0	0	0	%100
86	M81A	Z	-1.021	-1.021	0	%100
87	MP1C	X	0	0	0	%100
88	MP1C	Z	-3.643	-3.643	0	%100
89	MP2C	X	0	0	0	%100
90	MP2C	Z	-3.643	-3.643	0	%100
91	MP3C	X	0	0	0	%100
92	MP3C	Z	-3.643	-3.643	0	%100
93	MP5C	X	0	0	0	%100
94	MP5C	Z	-3.643	-3.643	0	%100
95	M90	X	0	0	0	%100
96	M90	Z	-.911	-.911	0	%100
97	M95A	X	0	0	0	%100
98	M95A	Z	-1.021	-1.021	0	%100
99	MP1B	X	0	0	0	%100
100	MP1B	Z	-3.643	-3.643	0	%100
101	MP2B	X	0	0	0	%100
102	MP2B	Z	-3.643	-3.643	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
103	MP3B	X	0	0	0	%100
104	MP3B	Z	-3.643	-3.643	0	%100
105	MP4B	X	0	0	0	%100
106	MP4B	Z	-3.643	-3.643	0	%100
107	M104	X	0	0	0	%100
108	M104	Z	-.911	-.911	0	%100
109	M109	X	0	0	0	%100
110	M109	Z	-.867	-.867	0	%100
111	M181	X	0	0	0	%100
112	M181	Z	-3.643	-3.643	0	%100
113	M114	X	0	0	0	%100
114	M114	Z	-3.716	-3.716	0	%100
115	M115	X	0	0	0	%100
116	M115	Z	-1.193	-1.193	0	%100
117	M116	X	0	0	0	%100
118	M116	Z	-3.716	-3.716	0	%100
119	M117A	X	0	0	0	%100
120	M117A	Z	-.867	-.867	0	%100
121	M120	X	0	0	0	%100
122	M120	Z	-3.466	-3.466	0	%100
123	MP4C	X	0	0	0	%100
124	MP4C	Z	-3.643	-3.643	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	M20	X	1.532	1.532	0	%100
2	M20	Z	-2.654	-2.654	0	%100
3	MP1A	X	1.822	1.822	0	%100
4	MP1A	Z	-3.155	-3.155	0	%100
5	MP2A	X	1.822	1.822	0	%100
6	MP2A	Z	-3.155	-3.155	0	%100
7	MP3A	X	1.822	1.822	0	%100
8	MP3A	Z	-3.155	-3.155	0	%100
9	MP4A	X	1.822	1.822	0	%100
10	MP4A	Z	-3.155	-3.155	0	%100
11	M72A	X	.54	.54	0	%100
12	M72A	Z	-.936	-.936	0	%100
13	M73	X	1.335	1.335	0	%100
14	M73	Z	-2.313	-2.313	0	%100
15	M74	X	1.335	1.335	0	%100
16	M74	Z	-2.313	-2.313	0	%100
17	M75	X	1.981	1.981	0	%100
18	M75	Z	-3.431	-3.431	0	%100
19	M78	X	1.425	1.425	0	%100
20	M78	Z	-2.468	-2.468	0	%100
21	M79	X	0	0	0	%100
22	M79	Z	0	0	0	%100
23	M84	X	.651	.651	0	%100
24	M84	Z	-1.128	-1.128	0	%100
25	M85	X	0	0	0	%100
26	M85	Z	0	0	0	%100
27	M87A	X	0	0	0	%100
28	M87A	Z	0	0	0	%100
29	M89A	X	.651	.651	0	%100
30	M89A	Z	-1.128	-1.128	0	%100
31	M90A	X	1.974	1.974	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,%]
32	M90A	Z	-3.419	-3.419	0	%100
33	M92	X	2.033	2.033	0	%100
34	M92	Z	-3.521	-3.521	0	%100
35	M94	X	1.366	1.366	0	%100
36	M94	Z	-2.367	-2.367	0	%100
37	M37A	X	.54	.54	0	%100
38	M37A	Z	-.936	-.936	0	%100
39	M38	X	1.335	1.335	0	%100
40	M38	Z	-2.313	-2.313	0	%100
41	M39	X	1.335	1.335	0	%100
42	M39	Z	-2.313	-2.313	0	%100
43	M40	X	1.981	1.981	0	%100
44	M40	Z	-3.431	-3.431	0	%100
45	M43	X	0	0	0	%100
46	M43	Z	0	0	0	%100
47	M44	X	1.425	1.425	0	%100
48	M44	Z	-2.468	-2.468	0	%100
49	M49	X	.651	.651	0	%100
50	M49	Z	-1.128	-1.128	0	%100
51	M50	X	1.974	1.974	0	%100
52	M50	Z	-3.419	-3.419	0	%100
53	M52	X	2.033	2.033	0	%100
54	M52	Z	-3.521	-3.521	0	%100
55	M54	X	.651	.651	0	%100
56	M54	Z	-1.128	-1.128	0	%100
57	M55	X	0	0	0	%100
58	M55	Z	0	0	0	%100
59	M57	X	0	0	0	%100
60	M57	Z	0	0	0	%100
61	M59	X	2.161	2.161	0	%100
62	M59	Z	-3.743	-3.743	0	%100
63	M60	X	0	0	0	%100
64	M60	Z	0	0	0	%100
65	M61	X	0	0	0	%100
66	M61	Z	0	0	0	%100
67	M62	X	0	0	0	%100
68	M62	Z	0	0	0	%100
69	M65	X	1.425	1.425	0	%100
70	M65	Z	-2.468	-2.468	0	%100
71	M66	X	1.425	1.425	0	%100
72	M66	Z	-2.468	-2.468	0	%100
73	M71	X	2.606	2.606	0	%100
74	M71	Z	-4.513	-4.513	0	%100
75	M72	X	1.974	1.974	0	%100
76	M72	Z	-3.419	-3.419	0	%100
77	M74A	X	2.033	2.033	0	%100
78	M74A	Z	-3.521	-3.521	0	%100
79	M76A	X	2.606	2.606	0	%100
80	M76A	Z	-4.513	-4.513	0	%100
81	M77A	X	1.974	1.974	0	%100
82	M77A	Z	-3.419	-3.419	0	%100
83	M79A	X	2.033	2.033	0	%100
84	M79A	Z	-3.521	-3.521	0	%100
85	M81A	X	1.532	1.532	0	%100
86	M81A	Z	-2.654	-2.654	0	%100
87	MP1C	X	1.822	1.822	0	%100
88	MP1C	Z	-3.155	-3.155	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,%]
89	MP2C	X	1.822	1.822	0	%100
90	MP2C	Z	-3.155	-3.155	0	%100
91	MP3C	X	1.822	1.822	0	%100
92	MP3C	Z	-3.155	-3.155	0	%100
93	MP5C	X	1.822	1.822	0	%100
94	MP5C	Z	-3.155	-3.155	0	%100
95	M90	X	1.366	1.366	0	%100
96	M90	Z	-2.367	-2.367	0	%100
97	M95A	X	0	0	0	%100
98	M95A	Z	0	0	0	%100
99	MP1B	X	1.822	1.822	0	%100
100	MP1B	Z	-3.155	-3.155	0	%100
101	MP2B	X	1.822	1.822	0	%100
102	MP2B	Z	-3.155	-3.155	0	%100
103	MP3B	X	1.822	1.822	0	%100
104	MP3B	Z	-3.155	-3.155	0	%100
105	MP4B	X	1.822	1.822	0	%100
106	MP4B	Z	-3.155	-3.155	0	%100
107	M104	X	0	0	0	%100
108	M104	Z	0	0	0	%100
109	M109	X	1.3	1.3	0	%100
110	M109	Z	-2.251	-2.251	0	%100
111	M181	X	1.822	1.822	0	%100
112	M181	Z	-3.155	-3.155	0	%100
113	M114	X	2.279	2.279	0	%100
114	M114	Z	-3.947	-3.947	0	%100
115	M115	X	1.017	1.017	0	%100
116	M115	Z	-1.761	-1.761	0	%100
117	M116	X	1.017	1.017	0	%100
118	M116	Z	-1.761	-1.761	0	%100
119	M117A	X	0	0	0	%100
120	M117A	Z	0	0	0	%100
121	M120	X	1.3	1.3	0	%100
122	M120	Z	-2.251	-2.251	0	%100
123	MP4C	X	1.822	1.822	0	%100
124	MP4C	Z	-3.155	-3.155	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	M20	X	.885	.885	0	%100
2	M20	Z	-.511	-.511	0	%100
3	MP1A	X	3.155	3.155	0	%100
4	MP1A	Z	-1.822	-1.822	0	%100
5	MP2A	X	3.155	3.155	0	%100
6	MP2A	Z	-1.822	-1.822	0	%100
7	MP3A	X	3.155	3.155	0	%100
8	MP3A	Z	-1.822	-1.822	0	%100
9	MP4A	X	3.155	3.155	0	%100
10	MP4A	Z	-1.822	-1.822	0	%100
11	M72A	X	2.808	2.808	0	%100
12	M72A	Z	-1.621	-1.621	0	%100
13	M73	X	.771	.771	0	%100
14	M73	Z	-.445	-.445	0	%100
15	M74	X	.771	.771	0	%100
16	M74	Z	-.445	-.445	0	%100
17	M75	X	1.144	1.144	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,%]
18	M75	Z	-.66	-.66	0	%100
19	M78	X	3.29	3.29	0	%100
20	M78	Z	-1.9	-1.9	0	%100
21	M79	X	.823	.823	0	%100
22	M79	Z	-.475	-.475	0	%100
23	M84	X	3.385	3.385	0	%100
24	M84	Z	-1.954	-1.954	0	%100
25	M85	X	1.14	1.14	0	%100
26	M85	Z	-.658	-.658	0	%100
27	M87A	X	1.174	1.174	0	%100
28	M87A	Z	-.678	-.678	0	%100
29	M89A	X	3.385	3.385	0	%100
30	M89A	Z	-1.954	-1.954	0	%100
31	M90A	X	4.559	4.559	0	%100
32	M90A	Z	-2.632	-2.632	0	%100
33	M92	X	4.695	4.695	0	%100
34	M92	Z	-2.71	-2.71	0	%100
35	M94	X	.789	.789	0	%100
36	M94	Z	-.455	-.455	0	%100
37	M37A	X	0	0	0	%100
38	M37A	Z	0	0	0	%100
39	M38	X	3.084	3.084	0	%100
40	M38	Z	-1.781	-1.781	0	%100
41	M39	X	3.084	3.084	0	%100
42	M39	Z	-1.781	-1.781	0	%100
43	M40	X	4.575	4.575	0	%100
44	M40	Z	-2.641	-2.641	0	%100
45	M43	X	.823	.823	0	%100
46	M43	Z	-.475	-.475	0	%100
47	M44	X	.823	.823	0	%100
48	M44	Z	-.475	-.475	0	%100
49	M49	X	0	0	0	%100
50	M49	Z	0	0	0	%100
51	M50	X	1.14	1.14	0	%100
52	M50	Z	-.658	-.658	0	%100
53	M52	X	1.174	1.174	0	%100
54	M52	Z	-.678	-.678	0	%100
55	M54	X	0	0	0	%100
56	M54	Z	0	0	0	%100
57	M55	X	1.14	1.14	0	%100
58	M55	Z	-.658	-.658	0	%100
59	M57	X	1.174	1.174	0	%100
60	M57	Z	-.678	-.678	0	%100
61	M59	X	2.808	2.808	0	%100
62	M59	Z	-1.621	-1.621	0	%100
63	M60	X	.771	.771	0	%100
64	M60	Z	-.445	-.445	0	%100
65	M61	X	.771	.771	0	%100
66	M61	Z	-.445	-.445	0	%100
67	M62	X	1.144	1.144	0	%100
68	M62	Z	-.66	-.66	0	%100
69	M65	X	.823	.823	0	%100
70	M65	Z	-.475	-.475	0	%100
71	M66	X	3.291	3.291	0	%100
72	M66	Z	-1.9	-1.9	0	%100
73	M71	X	3.385	3.385	0	%100
74	M71	Z	-1.954	-1.954	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,%]
75	M72	X	4.559	4.559	0	%100
76	M72	Z	-2.632	-2.632	0	%100
77	M74A	X	4.695	4.695	0	%100
78	M74A	Z	-2.71	-2.71	0	%100
79	M76A	X	3.385	3.385	0	%100
80	M76A	Z	-1.954	-1.954	0	%100
81	M77A	X	1.14	1.14	0	%100
82	M77A	Z	-.658	-.658	0	%100
83	M79A	X	1.174	1.174	0	%100
84	M79A	Z	-.678	-.678	0	%100
85	M81A	X	3.538	3.538	0	%100
86	M81A	Z	-2.043	-2.043	0	%100
87	MP1C	X	3.155	3.155	0	%100
88	MP1C	Z	-1.822	-1.822	0	%100
89	MP2C	X	3.155	3.155	0	%100
90	MP2C	Z	-1.822	-1.822	0	%100
91	MP3C	X	3.155	3.155	0	%100
92	MP3C	Z	-1.822	-1.822	0	%100
93	MP5C	X	3.155	3.155	0	%100
94	MP5C	Z	-1.822	-1.822	0	%100
95	M90	X	3.155	3.155	0	%100
96	M90	Z	-1.822	-1.822	0	%100
97	M95A	X	.885	.885	0	%100
98	M95A	Z	-.511	-.511	0	%100
99	MP1B	X	3.155	3.155	0	%100
100	MP1B	Z	-1.822	-1.822	0	%100
101	MP2B	X	3.155	3.155	0	%100
102	MP2B	Z	-1.822	-1.822	0	%100
103	MP3B	X	3.155	3.155	0	%100
104	MP3B	Z	-1.822	-1.822	0	%100
105	MP4B	X	3.155	3.155	0	%100
106	MP4B	Z	-1.822	-1.822	0	%100
107	M104	X	.789	.789	0	%100
108	M104	Z	-.455	-.455	0	%100
109	M109	X	3.002	3.002	0	%100
110	M109	Z	-1.733	-1.733	0	%100
111	M181	X	3.155	3.155	0	%100
112	M181	Z	-1.822	-1.822	0	%100
113	M114	X	3.219	3.219	0	%100
114	M114	Z	-1.858	-1.858	0	%100
115	M115	X	3.219	3.219	0	%100
116	M115	Z	-1.858	-1.858	0	%100
117	M116	X	1.033	1.033	0	%100
118	M116	Z	-.596	-.596	0	%100
119	M117A	X	.75	.75	0	%100
120	M117A	Z	-.433	-.433	0	%100
121	M120	X	.75	.75	0	%100
122	M120	Z	-.433	-.433	0	%100
123	MP4C	X	3.155	3.155	0	%100
124	MP4C	Z	-1.822	-1.822	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	M20	X	0	0	0	%100
2	M20	Z	0	0	0	%100
3	MP1A	X	3.643	3.643	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,%]
4	MP1A	Z	0	0	0	%100
5	MP2A	X	3.643	3.643	0	%100
6	MP2A	Z	0	0	0	%100
7	MP3A	X	3.643	3.643	0	%100
8	MP3A	Z	0	0	0	%100
9	MP4A	X	3.643	3.643	0	%100
10	MP4A	Z	0	0	0	%100
11	M72A	X	4.323	4.323	0	%100
12	M72A	Z	0	0	0	%100
13	M73	X	0	0	0	%100
14	M73	Z	0	0	0	%100
15	M74	X	0	0	0	%100
16	M74	Z	0	0	0	%100
17	M75	X	0	0	0	%100
18	M75	Z	0	0	0	%100
19	M78	X	2.85	2.85	0	%100
20	M78	Z	0	0	0	%100
21	M79	X	2.85	2.85	0	%100
22	M79	Z	0	0	0	%100
23	M84	X	5.211	5.211	0	%100
24	M84	Z	0	0	0	%100
25	M85	X	3.948	3.948	0	%100
26	M85	Z	0	0	0	%100
27	M87A	X	4.066	4.066	0	%100
28	M87A	Z	0	0	0	%100
29	M89A	X	5.211	5.211	0	%100
30	M89A	Z	0	0	0	%100
31	M90A	X	3.948	3.948	0	%100
32	M90A	Z	0	0	0	%100
33	M92	X	4.066	4.066	0	%100
34	M92	Z	0	0	0	%100
35	M94	X	0	0	0	%100
36	M94	Z	0	0	0	%100
37	M37A	X	1.081	1.081	0	%100
38	M37A	Z	0	0	0	%100
39	M38	X	2.671	2.671	0	%100
40	M38	Z	0	0	0	%100
41	M39	X	2.671	2.671	0	%100
42	M39	Z	0	0	0	%100
43	M40	X	3.962	3.962	0	%100
44	M40	Z	0	0	0	%100
45	M43	X	2.85	2.85	0	%100
46	M43	Z	0	0	0	%100
47	M44	X	0	0	0	%100
48	M44	Z	0	0	0	%100
49	M49	X	1.303	1.303	0	%100
50	M49	Z	0	0	0	%100
51	M50	X	0	0	0	%100
52	M50	Z	0	0	0	%100
53	M52	X	0	0	0	%100
54	M52	Z	0	0	0	%100
55	M54	X	1.303	1.303	0	%100
56	M54	Z	0	0	0	%100
57	M55	X	3.948	3.948	0	%100
58	M55	Z	0	0	0	%100
59	M57	X	4.066	4.066	0	%100
60	M57	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,%]
61	M59	X	1.081	1.081	0	%100
62	M59	Z	0	0	0	%100
63	M60	X	2.671	2.671	0	%100
64	M60	Z	0	0	0	%100
65	M61	X	2.671	2.671	0	%100
66	M61	Z	0	0	0	%100
67	M62	X	3.962	3.962	0	%100
68	M62	Z	0	0	0	%100
69	M65	X	0	0	0	%100
70	M65	Z	0	0	0	%100
71	M66	X	2.85	2.85	0	%100
72	M66	Z	0	0	0	%100
73	M71	X	1.303	1.303	0	%100
74	M71	Z	0	0	0	%100
75	M72	X	3.948	3.948	0	%100
76	M72	Z	0	0	0	%100
77	M74A	X	4.066	4.066	0	%100
78	M74A	Z	0	0	0	%100
79	M76A	X	1.303	1.303	0	%100
80	M76A	Z	0	0	0	%100
81	M77A	X	0	0	0	%100
82	M77A	Z	0	0	0	%100
83	M79A	X	0	0	0	%100
84	M79A	Z	0	0	0	%100
85	M81A	X	3.064	3.064	0	%100
86	M81A	Z	0	0	0	%100
87	MP1C	X	3.643	3.643	0	%100
88	MP1C	Z	0	0	0	%100
89	MP2C	X	3.643	3.643	0	%100
90	MP2C	Z	0	0	0	%100
91	MP3C	X	3.643	3.643	0	%100
92	MP3C	Z	0	0	0	%100
93	MP5C	X	3.643	3.643	0	%100
94	MP5C	Z	0	0	0	%100
95	M90	X	2.733	2.733	0	%100
96	M90	Z	0	0	0	%100
97	M95A	X	3.064	3.064	0	%100
98	M95A	Z	0	0	0	%100
99	MP1B	X	3.643	3.643	0	%100
100	MP1B	Z	0	0	0	%100
101	MP2B	X	3.643	3.643	0	%100
102	MP2B	Z	0	0	0	%100
103	MP3B	X	3.643	3.643	0	%100
104	MP3B	Z	0	0	0	%100
105	MP4B	X	3.643	3.643	0	%100
106	MP4B	Z	0	0	0	%100
107	M104	X	2.733	2.733	0	%100
108	M104	Z	0	0	0	%100
109	M109	X	2.6	2.6	0	%100
110	M109	Z	0	0	0	%100
111	M181	X	3.643	3.643	0	%100
112	M181	Z	0	0	0	%100
113	M114	X	2.034	2.034	0	%100
114	M114	Z	0	0	0	%100
115	M115	X	4.558	4.558	0	%100
116	M115	Z	0	0	0	%100
117	M116	X	2.034	2.034	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,%]
118	M116	Z	0	0	0	%100
119	M117A	X	2.6	2.6	0	%100
120	M117A	Z	0	0	0	%100
121	M120	X	0	0	0	%100
122	M120	Z	0	0	0	%100
123	MP4C	X	3.643	3.643	0	%100
124	MP4C	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	M20	X	.885	.885	0	%100
2	M20	Z	.511	.511	0	%100
3	MP1A	X	3.155	3.155	0	%100
4	MP1A	Z	1.822	1.822	0	%100
5	MP2A	X	3.155	3.155	0	%100
6	MP2A	Z	1.822	1.822	0	%100
7	MP3A	X	3.155	3.155	0	%100
8	MP3A	Z	1.822	1.822	0	%100
9	MP4A	X	3.155	3.155	0	%100
10	MP4A	Z	1.822	1.822	0	%100
11	M72A	X	2.808	2.808	0	%100
12	M72A	Z	1.621	1.621	0	%100
13	M73	X	.771	.771	0	%100
14	M73	Z	.445	.445	0	%100
15	M74	X	.771	.771	0	%100
16	M74	Z	.445	.445	0	%100
17	M75	X	1.144	1.144	0	%100
18	M75	Z	.66	.66	0	%100
19	M78	X	.823	.823	0	%100
20	M78	Z	.475	.475	0	%100
21	M79	X	3.291	3.291	0	%100
22	M79	Z	1.9	1.9	0	%100
23	M84	X	3.385	3.385	0	%100
24	M84	Z	1.954	1.954	0	%100
25	M85	X	4.559	4.559	0	%100
26	M85	Z	2.632	2.632	0	%100
27	M87A	X	4.695	4.695	0	%100
28	M87A	Z	2.71	2.71	0	%100
29	M89A	X	3.385	3.385	0	%100
30	M89A	Z	1.954	1.954	0	%100
31	M90A	X	1.14	1.14	0	%100
32	M90A	Z	.658	.658	0	%100
33	M92	X	1.174	1.174	0	%100
34	M92	Z	.678	.678	0	%100
35	M94	X	.789	.789	0	%100
36	M94	Z	.455	.455	0	%100
37	M37A	X	2.808	2.808	0	%100
38	M37A	Z	1.621	1.621	0	%100
39	M38	X	.771	.771	0	%100
40	M38	Z	.445	.445	0	%100
41	M39	X	.771	.771	0	%100
42	M39	Z	.445	.445	0	%100
43	M40	X	1.144	1.144	0	%100
44	M40	Z	.66	.66	0	%100
45	M43	X	3.29	3.29	0	%100
46	M43	Z	1.9	1.9	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,%]
47	M44	X	.823	.823	0	%100
48	M44	Z	.475	.475	0	%100
49	M49	X	3.385	3.385	0	%100
50	M49	Z	1.954	1.954	0	%100
51	M50	X	1.14	1.14	0	%100
52	M50	Z	.658	.658	0	%100
53	M52	X	1.174	1.174	0	%100
54	M52	Z	.678	.678	0	%100
55	M54	X	3.385	3.385	0	%100
56	M54	Z	1.954	1.954	0	%100
57	M55	X	4.559	4.559	0	%100
58	M55	Z	2.632	2.632	0	%100
59	M57	X	4.695	4.695	0	%100
60	M57	Z	2.71	2.71	0	%100
61	M59	X	0	0	0	%100
62	M59	Z	0	0	0	%100
63	M60	X	3.084	3.084	0	%100
64	M60	Z	1.781	1.781	0	%100
65	M61	X	3.084	3.084	0	%100
66	M61	Z	1.781	1.781	0	%100
67	M62	X	4.575	4.575	0	%100
68	M62	Z	2.641	2.641	0	%100
69	M65	X	.823	.823	0	%100
70	M65	Z	.475	.475	0	%100
71	M66	X	.823	.823	0	%100
72	M66	Z	.475	.475	0	%100
73	M71	X	0	0	0	%100
74	M71	Z	0	0	0	%100
75	M72	X	1.14	1.14	0	%100
76	M72	Z	.658	.658	0	%100
77	M74A	X	1.174	1.174	0	%100
78	M74A	Z	.678	.678	0	%100
79	M76A	X	0	0	0	%100
80	M76A	Z	0	0	0	%100
81	M77A	X	1.14	1.14	0	%100
82	M77A	Z	.658	.658	0	%100
83	M79A	X	1.174	1.174	0	%100
84	M79A	Z	.678	.678	0	%100
85	M81A	X	.885	.885	0	%100
86	M81A	Z	.511	.511	0	%100
87	MP1C	X	3.155	3.155	0	%100
88	MP1C	Z	1.822	1.822	0	%100
89	MP2C	X	3.155	3.155	0	%100
90	MP2C	Z	1.822	1.822	0	%100
91	MP3C	X	3.155	3.155	0	%100
92	MP3C	Z	1.822	1.822	0	%100
93	MP5C	X	3.155	3.155	0	%100
94	MP5C	Z	1.822	1.822	0	%100
95	M90	X	.789	.789	0	%100
96	M90	Z	.455	.455	0	%100
97	M95A	X	3.538	3.538	0	%100
98	M95A	Z	2.043	2.043	0	%100
99	MP1B	X	3.155	3.155	0	%100
100	MP1B	Z	1.822	1.822	0	%100
101	MP2B	X	3.155	3.155	0	%100
102	MP2B	Z	1.822	1.822	0	%100
103	MP3B	X	3.155	3.155	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,%]
104	MP3B	Z	1.822	1.822	0	%100
105	MP4B	X	3.155	3.155	0	%100
106	MP4B	Z	1.822	1.822	0	%100
107	M104	X	3.155	3.155	0	%100
108	M104	Z	1.822	1.822	0	%100
109	M109	X	.75	.75	0	%100
110	M109	Z	.433	.433	0	%100
111	M181	X	3.155	3.155	0	%100
112	M181	Z	1.822	1.822	0	%100
113	M114	X	1.033	1.033	0	%100
114	M114	Z	.596	.596	0	%100
115	M115	X	3.219	3.219	0	%100
116	M115	Z	1.858	1.858	0	%100
117	M116	X	3.219	3.219	0	%100
118	M116	Z	1.858	1.858	0	%100
119	M117A	X	3.002	3.002	0	%100
120	M117A	Z	1.733	1.733	0	%100
121	M120	X	.75	.75	0	%100
122	M120	Z	.433	.433	0	%100
123	MP4C	X	3.155	3.155	0	%100
124	MP4C	Z	1.822	1.822	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	M20	X	1.532	1.532	0	%100
2	M20	Z	2.654	2.654	0	%100
3	MP1A	X	1.822	1.822	0	%100
4	MP1A	Z	3.155	3.155	0	%100
5	MP2A	X	1.822	1.822	0	%100
6	MP2A	Z	3.155	3.155	0	%100
7	MP3A	X	1.822	1.822	0	%100
8	MP3A	Z	3.155	3.155	0	%100
9	MP4A	X	1.822	1.822	0	%100
10	MP4A	Z	3.155	3.155	0	%100
11	M72A	X	.54	.54	0	%100
12	M72A	Z	.936	.936	0	%100
13	M73	X	1.335	1.335	0	%100
14	M73	Z	2.313	2.313	0	%100
15	M74	X	1.335	1.335	0	%100
16	M74	Z	2.313	2.313	0	%100
17	M75	X	1.981	1.981	0	%100
18	M75	Z	3.431	3.431	0	%100
19	M78	X	0	0	0	%100
20	M78	Z	0	0	0	%100
21	M79	X	1.425	1.425	0	%100
22	M79	Z	2.468	2.468	0	%100
23	M84	X	.651	.651	0	%100
24	M84	Z	1.128	1.128	0	%100
25	M85	X	1.974	1.974	0	%100
26	M85	Z	3.419	3.419	0	%100
27	M87A	X	2.033	2.033	0	%100
28	M87A	Z	3.521	3.521	0	%100
29	M89A	X	.651	.651	0	%100
30	M89A	Z	1.128	1.128	0	%100
31	M90A	X	0	0	0	%100
32	M90A	Z	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,%]
33	M92	X	0	0	0	%100
34	M92	Z	0	0	0	%100
35	M94	X	1.366	1.366	0	%100
36	M94	Z	2.367	2.367	0	%100
37	M37A	X	2.161	2.161	0	%100
38	M37A	Z	3.743	3.743	0	%100
39	M38	X	0	0	0	%100
40	M38	Z	0	0	0	%100
41	M39	X	0	0	0	%100
42	M39	Z	0	0	0	%100
43	M40	X	0	0	0	%100
44	M40	Z	0	0	0	%100
45	M43	X	1.425	1.425	0	%100
46	M43	Z	2.468	2.468	0	%100
47	M44	X	1.425	1.425	0	%100
48	M44	Z	2.468	2.468	0	%100
49	M49	X	2.606	2.606	0	%100
50	M49	Z	4.513	4.513	0	%100
51	M50	X	1.974	1.974	0	%100
52	M50	Z	3.419	3.419	0	%100
53	M52	X	2.033	2.033	0	%100
54	M52	Z	3.521	3.521	0	%100
55	M54	X	2.606	2.606	0	%100
56	M54	Z	4.513	4.513	0	%100
57	M55	X	1.974	1.974	0	%100
58	M55	Z	3.419	3.419	0	%100
59	M57	X	2.033	2.033	0	%100
60	M57	Z	3.521	3.521	0	%100
61	M59	X	.54	.54	0	%100
62	M59	Z	.936	.936	0	%100
63	M60	X	1.335	1.335	0	%100
64	M60	Z	2.313	2.313	0	%100
65	M61	X	1.335	1.335	0	%100
66	M61	Z	2.313	2.313	0	%100
67	M62	X	1.981	1.981	0	%100
68	M62	Z	3.431	3.431	0	%100
69	M65	X	1.425	1.425	0	%100
70	M65	Z	2.468	2.468	0	%100
71	M66	X	0	0	0	%100
72	M66	Z	0	0	0	%100
73	M71	X	.651	.651	0	%100
74	M71	Z	1.128	1.128	0	%100
75	M72	X	0	0	0	%100
76	M72	Z	0	0	0	%100
77	M74A	X	0	0	0	%100
78	M74A	Z	0	0	0	%100
79	M76A	X	.651	.651	0	%100
80	M76A	Z	1.128	1.128	0	%100
81	M77A	X	1.974	1.974	0	%100
82	M77A	Z	3.419	3.419	0	%100
83	M79A	X	2.033	2.033	0	%100
84	M79A	Z	3.521	3.521	0	%100
85	M81A	X	0	0	0	%100
86	M81A	Z	0	0	0	%100
87	MP1C	X	1.822	1.822	0	%100
88	MP1C	Z	3.155	3.155	0	%100
89	MP2C	X	1.822	1.822	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,%]
90	MP2C	Z	3.155	3.155	0	%100
91	MP3C	X	1.822	1.822	0	%100
92	MP3C	Z	3.155	3.155	0	%100
93	MP5C	X	1.822	1.822	0	%100
94	MP5C	Z	3.155	3.155	0	%100
95	M90	X	0	0	0	%100
96	M90	Z	0	0	0	%100
97	M95A	X	1.532	1.532	0	%100
98	M95A	Z	2.654	2.654	0	%100
99	MP1B	X	1.822	1.822	0	%100
100	MP1B	Z	3.155	3.155	0	%100
101	MP2B	X	1.822	1.822	0	%100
102	MP2B	Z	3.155	3.155	0	%100
103	MP3B	X	1.822	1.822	0	%100
104	MP3B	Z	3.155	3.155	0	%100
105	MP4B	X	1.822	1.822	0	%100
106	MP4B	Z	3.155	3.155	0	%100
107	M104	X	1.366	1.366	0	%100
108	M104	Z	2.367	2.367	0	%100
109	M109	X	0	0	0	%100
110	M109	Z	0	0	0	%100
111	M181	X	1.822	1.822	0	%100
112	M181	Z	3.155	3.155	0	%100
113	M114	X	1.017	1.017	0	%100
114	M114	Z	1.761	1.761	0	%100
115	M115	X	1.017	1.017	0	%100
116	M115	Z	1.761	1.761	0	%100
117	M116	X	2.279	2.279	0	%100
118	M116	Z	3.947	3.947	0	%100
119	M117A	X	1.3	1.3	0	%100
120	M117A	Z	2.251	2.251	0	%100
121	M120	X	1.3	1.3	0	%100
122	M120	Z	2.251	2.251	0	%100
123	MP4C	X	1.822	1.822	0	%100
124	MP4C	Z	3.155	3.155	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	M20	X	0	0	0	%100
2	M20	Z	4.086	4.086	0	%100
3	MP1A	X	0	0	0	%100
4	MP1A	Z	3.643	3.643	0	%100
5	MP2A	X	0	0	0	%100
6	MP2A	Z	3.643	3.643	0	%100
7	MP3A	X	0	0	0	%100
8	MP3A	Z	3.643	3.643	0	%100
9	MP4A	X	0	0	0	%100
10	MP4A	Z	3.643	3.643	0	%100
11	M72A	X	0	0	0	%100
12	M72A	Z	0	0	0	%100
13	M73	X	0	0	0	%100
14	M73	Z	3.561	3.561	0	%100
15	M74	X	0	0	0	%100
16	M74	Z	3.561	3.561	0	%100
17	M75	X	0	0	0	%100
18	M75	Z	5.283	5.283	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,%]
19	M78	X	0	0	0	%100
20	M78	Z	.95	.95	0	%100
21	M79	X	0	0	0	%100
22	M79	Z	.95	.95	0	%100
23	M84	X	0	0	0	%100
24	M84	Z	0	0	0	%100
25	M85	X	0	0	0	%100
26	M85	Z	1.316	1.316	0	%100
27	M87A	X	0	0	0	%100
28	M87A	Z	1.355	1.355	0	%100
29	M89A	X	0	0	0	%100
30	M89A	Z	0	0	0	%100
31	M90A	X	0	0	0	%100
32	M90A	Z	1.316	1.316	0	%100
33	M92	X	0	0	0	%100
34	M92	Z	1.355	1.355	0	%100
35	M94	X	0	0	0	%100
36	M94	Z	3.643	3.643	0	%100
37	M37A	X	0	0	0	%100
38	M37A	Z	3.242	3.242	0	%100
39	M38	X	0	0	0	%100
40	M38	Z	.89	.89	0	%100
41	M39	X	0	0	0	%100
42	M39	Z	.89	.89	0	%100
43	M40	X	0	0	0	%100
44	M40	Z	1.321	1.321	0	%100
45	M43	X	0	0	0	%100
46	M43	Z	.95	.95	0	%100
47	M44	X	0	0	0	%100
48	M44	Z	3.8	3.8	0	%100
49	M49	X	0	0	0	%100
50	M49	Z	3.908	3.908	0	%100
51	M50	X	0	0	0	%100
52	M50	Z	5.264	5.264	0	%100
53	M52	X	0	0	0	%100
54	M52	Z	5.421	5.421	0	%100
55	M54	X	0	0	0	%100
56	M54	Z	3.908	3.908	0	%100
57	M55	X	0	0	0	%100
58	M55	Z	1.316	1.316	0	%100
59	M57	X	0	0	0	%100
60	M57	Z	1.355	1.355	0	%100
61	M59	X	0	0	0	%100
62	M59	Z	3.242	3.242	0	%100
63	M60	X	0	0	0	%100
64	M60	Z	.89	.89	0	%100
65	M61	X	0	0	0	%100
66	M61	Z	.89	.89	0	%100
67	M62	X	0	0	0	%100
68	M62	Z	1.321	1.321	0	%100
69	M65	X	0	0	0	%100
70	M65	Z	3.799	3.799	0	%100
71	M66	X	0	0	0	%100
72	M66	Z	.95	.95	0	%100
73	M71	X	0	0	0	%100
74	M71	Z	3.908	3.908	0	%100
75	M72	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,%]
76	M72	Z	1.316	1.316	0	%100
77	M74A	X	0	0	0	%100
78	M74A	Z	1.355	1.355	0	%100
79	M76A	X	0	0	0	%100
80	M76A	Z	3.908	3.908	0	%100
81	M77A	X	0	0	0	%100
82	M77A	Z	5.264	5.264	0	%100
83	M79A	X	0	0	0	%100
84	M79A	Z	5.421	5.421	0	%100
85	M81A	X	0	0	0	%100
86	M81A	Z	1.021	1.021	0	%100
87	MP1C	X	0	0	0	%100
88	MP1C	Z	3.643	3.643	0	%100
89	MP2C	X	0	0	0	%100
90	MP2C	Z	3.643	3.643	0	%100
91	MP3C	X	0	0	0	%100
92	MP3C	Z	3.643	3.643	0	%100
93	MP5C	X	0	0	0	%100
94	MP5C	Z	3.643	3.643	0	%100
95	M90	X	0	0	0	%100
96	M90	Z	.911	.911	0	%100
97	M95A	X	0	0	0	%100
98	M95A	Z	1.021	1.021	0	%100
99	MP1B	X	0	0	0	%100
100	MP1B	Z	3.643	3.643	0	%100
101	MP2B	X	0	0	0	%100
102	MP2B	Z	3.643	3.643	0	%100
103	MP3B	X	0	0	0	%100
104	MP3B	Z	3.643	3.643	0	%100
105	MP4B	X	0	0	0	%100
106	MP4B	Z	3.643	3.643	0	%100
107	M104	X	0	0	0	%100
108	M104	Z	.911	.911	0	%100
109	M109	X	0	0	0	%100
110	M109	Z	.867	.867	0	%100
111	M181	X	0	0	0	%100
112	M181	Z	3.643	3.643	0	%100
113	M114	X	0	0	0	%100
114	M114	Z	3.716	3.716	0	%100
115	M115	X	0	0	0	%100
116	M115	Z	1.193	1.193	0	%100
117	M116	X	0	0	0	%100
118	M116	Z	3.716	3.716	0	%100
119	M117A	X	0	0	0	%100
120	M117A	Z	.867	.867	0	%100
121	M120	X	0	0	0	%100
122	M120	Z	3.466	3.466	0	%100
123	MP4C	X	0	0	0	%100
124	MP4C	Z	3.643	3.643	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	M20	X	-1.532	-1.532	0	%100
2	M20	Z	2.654	2.654	0	%100
3	MP1A	X	-1.822	-1.822	0	%100
4	MP1A	Z	3.155	3.155	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,%]
5	MP2A	X	-1.822	-1.822	0	%100
6	MP2A	Z	3.155	3.155	0	%100
7	MP3A	X	-1.822	-1.822	0	%100
8	MP3A	Z	3.155	3.155	0	%100
9	MP4A	X	-1.822	-1.822	0	%100
10	MP4A	Z	3.155	3.155	0	%100
11	M72A	X	-.54	-.54	0	%100
12	M72A	Z	.936	.936	0	%100
13	M73	X	-1.335	-1.335	0	%100
14	M73	Z	2.313	2.313	0	%100
15	M74	X	-1.335	-1.335	0	%100
16	M74	Z	2.313	2.313	0	%100
17	M75	X	-1.981	-1.981	0	%100
18	M75	Z	3.431	3.431	0	%100
19	M78	X	-1.425	-1.425	0	%100
20	M78	Z	2.468	2.468	0	%100
21	M79	X	0	0	0	%100
22	M79	Z	0	0	0	%100
23	M84	X	-.651	-.651	0	%100
24	M84	Z	1.128	1.128	0	%100
25	M85	X	0	0	0	%100
26	M85	Z	0	0	0	%100
27	M87A	X	0	0	0	%100
28	M87A	Z	0	0	0	%100
29	M89A	X	-.651	-.651	0	%100
30	M89A	Z	1.128	1.128	0	%100
31	M90A	X	-1.974	-1.974	0	%100
32	M90A	Z	3.419	3.419	0	%100
33	M92	X	-2.033	-2.033	0	%100
34	M92	Z	3.521	3.521	0	%100
35	M94	X	-1.366	-1.366	0	%100
36	M94	Z	2.367	2.367	0	%100
37	M37A	X	-.54	-.54	0	%100
38	M37A	Z	.936	.936	0	%100
39	M38	X	-1.335	-1.335	0	%100
40	M38	Z	2.313	2.313	0	%100
41	M39	X	-1.335	-1.335	0	%100
42	M39	Z	2.313	2.313	0	%100
43	M40	X	-1.981	-1.981	0	%100
44	M40	Z	3.431	3.431	0	%100
45	M43	X	0	0	0	%100
46	M43	Z	0	0	0	%100
47	M44	X	-1.425	-1.425	0	%100
48	M44	Z	2.468	2.468	0	%100
49	M49	X	-.651	-.651	0	%100
50	M49	Z	1.128	1.128	0	%100
51	M50	X	-1.974	-1.974	0	%100
52	M50	Z	3.419	3.419	0	%100
53	M52	X	-2.033	-2.033	0	%100
54	M52	Z	3.521	3.521	0	%100
55	M54	X	-.651	-.651	0	%100
56	M54	Z	1.128	1.128	0	%100
57	M55	X	0	0	0	%100
58	M55	Z	0	0	0	%100
59	M57	X	0	0	0	%100
60	M57	Z	0	0	0	%100
61	M59	X	-2.161	-2.161	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,%]
62	M59	Z	3.743	3.743	0	%100
63	M60	X	0	0	0	%100
64	M60	Z	0	0	0	%100
65	M61	X	0	0	0	%100
66	M61	Z	0	0	0	%100
67	M62	X	0	0	0	%100
68	M62	Z	0	0	0	%100
69	M65	X	-1.425	-1.425	0	%100
70	M65	Z	2.468	2.468	0	%100
71	M66	X	-1.425	-1.425	0	%100
72	M66	Z	2.468	2.468	0	%100
73	M71	X	-2.606	-2.606	0	%100
74	M71	Z	4.513	4.513	0	%100
75	M72	X	-1.974	-1.974	0	%100
76	M72	Z	3.419	3.419	0	%100
77	M74A	X	-2.033	-2.033	0	%100
78	M74A	Z	3.521	3.521	0	%100
79	M76A	X	-2.606	-2.606	0	%100
80	M76A	Z	4.513	4.513	0	%100
81	M77A	X	-1.974	-1.974	0	%100
82	M77A	Z	3.419	3.419	0	%100
83	M79A	X	-2.033	-2.033	0	%100
84	M79A	Z	3.521	3.521	0	%100
85	M81A	X	-1.532	-1.532	0	%100
86	M81A	Z	2.654	2.654	0	%100
87	MP1C	X	-1.822	-1.822	0	%100
88	MP1C	Z	3.155	3.155	0	%100
89	MP2C	X	-1.822	-1.822	0	%100
90	MP2C	Z	3.155	3.155	0	%100
91	MP3C	X	-1.822	-1.822	0	%100
92	MP3C	Z	3.155	3.155	0	%100
93	MP5C	X	-1.822	-1.822	0	%100
94	MP5C	Z	3.155	3.155	0	%100
95	M90	X	-1.366	-1.366	0	%100
96	M90	Z	2.367	2.367	0	%100
97	M95A	X	0	0	0	%100
98	M95A	Z	0	0	0	%100
99	MP1B	X	-1.822	-1.822	0	%100
100	MP1B	Z	3.155	3.155	0	%100
101	MP2B	X	-1.822	-1.822	0	%100
102	MP2B	Z	3.155	3.155	0	%100
103	MP3B	X	-1.822	-1.822	0	%100
104	MP3B	Z	3.155	3.155	0	%100
105	MP4B	X	-1.822	-1.822	0	%100
106	MP4B	Z	3.155	3.155	0	%100
107	M104	X	0	0	0	%100
108	M104	Z	0	0	0	%100
109	M109	X	-1.3	-1.3	0	%100
110	M109	Z	2.251	2.251	0	%100
111	M181	X	-1.822	-1.822	0	%100
112	M181	Z	3.155	3.155	0	%100
113	M114	X	-2.279	-2.279	0	%100
114	M114	Z	3.947	3.947	0	%100
115	M115	X	-1.017	-1.017	0	%100
116	M115	Z	1.761	1.761	0	%100
117	M116	X	-1.017	-1.017	0	%100
118	M116	Z	1.761	1.761	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,%]
119	M117A	X	0	0	0	%100
120	M117A	Z	0	0	0	%100
121	M120	X	-1.3	-1.3	0	%100
122	M120	Z	2.251	2.251	0	%100
123	MP4C	X	-1.822	-1.822	0	%100
124	MP4C	Z	3.155	3.155	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	M20	X	-.885	-.885	0	%100
2	M20	Z	.511	.511	0	%100
3	MP1A	X	-3.155	-3.155	0	%100
4	MP1A	Z	1.822	1.822	0	%100
5	MP2A	X	-3.155	-3.155	0	%100
6	MP2A	Z	1.822	1.822	0	%100
7	MP3A	X	-3.155	-3.155	0	%100
8	MP3A	Z	1.822	1.822	0	%100
9	MP4A	X	-3.155	-3.155	0	%100
10	MP4A	Z	1.822	1.822	0	%100
11	M72A	X	-2.808	-2.808	0	%100
12	M72A	Z	1.621	1.621	0	%100
13	M73	X	-.771	-.771	0	%100
14	M73	Z	.445	.445	0	%100
15	M74	X	-.771	-.771	0	%100
16	M74	Z	.445	.445	0	%100
17	M75	X	-1.144	-1.144	0	%100
18	M75	Z	.66	.66	0	%100
19	M78	X	-3.29	-3.29	0	%100
20	M78	Z	1.9	1.9	0	%100
21	M79	X	-.823	-.823	0	%100
22	M79	Z	.475	.475	0	%100
23	M84	X	-3.385	-3.385	0	%100
24	M84	Z	1.954	1.954	0	%100
25	M85	X	-1.14	-1.14	0	%100
26	M85	Z	.658	.658	0	%100
27	M87A	X	-1.174	-1.174	0	%100
28	M87A	Z	.678	.678	0	%100
29	M89A	X	-3.385	-3.385	0	%100
30	M89A	Z	1.954	1.954	0	%100
31	M90A	X	-4.559	-4.559	0	%100
32	M90A	Z	2.632	2.632	0	%100
33	M92	X	-4.695	-4.695	0	%100
34	M92	Z	2.71	2.71	0	%100
35	M94	X	-.789	-.789	0	%100
36	M94	Z	.455	.455	0	%100
37	M37A	X	0	0	0	%100
38	M37A	Z	0	0	0	%100
39	M38	X	-3.084	-3.084	0	%100
40	M38	Z	1.781	1.781	0	%100
41	M39	X	-3.084	-3.084	0	%100
42	M39	Z	1.781	1.781	0	%100
43	M40	X	-4.575	-4.575	0	%100
44	M40	Z	2.641	2.641	0	%100
45	M43	X	-.823	-.823	0	%100
46	M43	Z	.475	.475	0	%100
47	M44	X	-.823	-.823	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,%]
48	M44	Z	.475	.475	0	%100
49	M49	X	0	0	0	%100
50	M49	Z	0	0	0	%100
51	M50	X	-1.14	-1.14	0	%100
52	M50	Z	.658	.658	0	%100
53	M52	X	-1.174	-1.174	0	%100
54	M52	Z	.678	.678	0	%100
55	M54	X	0	0	0	%100
56	M54	Z	0	0	0	%100
57	M55	X	-1.14	-1.14	0	%100
58	M55	Z	.658	.658	0	%100
59	M57	X	-1.174	-1.174	0	%100
60	M57	Z	.678	.678	0	%100
61	M59	X	-2.808	-2.808	0	%100
62	M59	Z	1.621	1.621	0	%100
63	M60	X	-.771	-.771	0	%100
64	M60	Z	.445	.445	0	%100
65	M61	X	-.771	-.771	0	%100
66	M61	Z	.445	.445	0	%100
67	M62	X	-1.144	-1.144	0	%100
68	M62	Z	.66	.66	0	%100
69	M65	X	-.823	-.823	0	%100
70	M65	Z	.475	.475	0	%100
71	M66	X	-3.291	-3.291	0	%100
72	M66	Z	1.9	1.9	0	%100
73	M71	X	-3.385	-3.385	0	%100
74	M71	Z	1.954	1.954	0	%100
75	M72	X	-4.559	-4.559	0	%100
76	M72	Z	2.632	2.632	0	%100
77	M74A	X	-4.695	-4.695	0	%100
78	M74A	Z	2.71	2.71	0	%100
79	M76A	X	-3.385	-3.385	0	%100
80	M76A	Z	1.954	1.954	0	%100
81	M77A	X	-1.14	-1.14	0	%100
82	M77A	Z	.658	.658	0	%100
83	M79A	X	-1.174	-1.174	0	%100
84	M79A	Z	.678	.678	0	%100
85	M81A	X	-3.538	-3.538	0	%100
86	M81A	Z	2.043	2.043	0	%100
87	MP1C	X	-3.155	-3.155	0	%100
88	MP1C	Z	1.822	1.822	0	%100
89	MP2C	X	-3.155	-3.155	0	%100
90	MP2C	Z	1.822	1.822	0	%100
91	MP3C	X	-3.155	-3.155	0	%100
92	MP3C	Z	1.822	1.822	0	%100
93	MP5C	X	-3.155	-3.155	0	%100
94	MP5C	Z	1.822	1.822	0	%100
95	M90	X	-3.155	-3.155	0	%100
96	M90	Z	1.822	1.822	0	%100
97	M95A	X	-.885	-.885	0	%100
98	M95A	Z	.511	.511	0	%100
99	MP1B	X	-3.155	-3.155	0	%100
100	MP1B	Z	1.822	1.822	0	%100
101	MP2B	X	-3.155	-3.155	0	%100
102	MP2B	Z	1.822	1.822	0	%100
103	MP3B	X	-3.155	-3.155	0	%100
104	MP3B	Z	1.822	1.822	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,%]
105	MP4B	X	-3.155	-3.155	0	%100
106	MP4B	Z	1.822	1.822	0	%100
107	M104	X	-.789	-.789	0	%100
108	M104	Z	.455	.455	0	%100
109	M109	X	-3.002	-3.002	0	%100
110	M109	Z	1.733	1.733	0	%100
111	M181	X	-3.155	-3.155	0	%100
112	M181	Z	1.822	1.822	0	%100
113	M114	X	-3.219	-3.219	0	%100
114	M114	Z	1.858	1.858	0	%100
115	M115	X	-3.219	-3.219	0	%100
116	M115	Z	1.858	1.858	0	%100
117	M116	X	-1.033	-1.033	0	%100
118	M116	Z	.596	.596	0	%100
119	M117A	X	-.75	-.75	0	%100
120	M117A	Z	.433	.433	0	%100
121	M120	X	-.75	-.75	0	%100
122	M120	Z	.433	.433	0	%100
123	MP4C	X	-3.155	-3.155	0	%100
124	MP4C	Z	1.822	1.822	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	M20	X	0	0	0	%100
2	M20	Z	0	0	0	%100
3	MP1A	X	-3.643	-3.643	0	%100
4	MP1A	Z	0	0	0	%100
5	MP2A	X	-3.643	-3.643	0	%100
6	MP2A	Z	0	0	0	%100
7	MP3A	X	-3.643	-3.643	0	%100
8	MP3A	Z	0	0	0	%100
9	MP4A	X	-3.643	-3.643	0	%100
10	MP4A	Z	0	0	0	%100
11	M72A	X	-4.323	-4.323	0	%100
12	M72A	Z	0	0	0	%100
13	M73	X	0	0	0	%100
14	M73	Z	0	0	0	%100
15	M74	X	0	0	0	%100
16	M74	Z	0	0	0	%100
17	M75	X	0	0	0	%100
18	M75	Z	0	0	0	%100
19	M78	X	-2.85	-2.85	0	%100
20	M78	Z	0	0	0	%100
21	M79	X	-2.85	-2.85	0	%100
22	M79	Z	0	0	0	%100
23	M84	X	-5.211	-5.211	0	%100
24	M84	Z	0	0	0	%100
25	M85	X	-3.948	-3.948	0	%100
26	M85	Z	0	0	0	%100
27	M87A	X	-4.066	-4.066	0	%100
28	M87A	Z	0	0	0	%100
29	M89A	X	-5.211	-5.211	0	%100
30	M89A	Z	0	0	0	%100
31	M90A	X	-3.948	-3.948	0	%100
32	M90A	Z	0	0	0	%100
33	M92	X	-4.066	-4.066	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,%]
34	M92	Z	0	0	0	%100
35	M94	X	0	0	0	%100
36	M94	Z	0	0	0	%100
37	M37A	X	-1.081	-1.081	0	%100
38	M37A	Z	0	0	0	%100
39	M38	X	-2.671	-2.671	0	%100
40	M38	Z	0	0	0	%100
41	M39	X	-2.671	-2.671	0	%100
42	M39	Z	0	0	0	%100
43	M40	X	-3.962	-3.962	0	%100
44	M40	Z	0	0	0	%100
45	M43	X	-2.85	-2.85	0	%100
46	M43	Z	0	0	0	%100
47	M44	X	0	0	0	%100
48	M44	Z	0	0	0	%100
49	M49	X	-1.303	-1.303	0	%100
50	M49	Z	0	0	0	%100
51	M50	X	0	0	0	%100
52	M50	Z	0	0	0	%100
53	M52	X	0	0	0	%100
54	M52	Z	0	0	0	%100
55	M54	X	-1.303	-1.303	0	%100
56	M54	Z	0	0	0	%100
57	M55	X	-3.948	-3.948	0	%100
58	M55	Z	0	0	0	%100
59	M57	X	-4.066	-4.066	0	%100
60	M57	Z	0	0	0	%100
61	M59	X	-1.081	-1.081	0	%100
62	M59	Z	0	0	0	%100
63	M60	X	-2.671	-2.671	0	%100
64	M60	Z	0	0	0	%100
65	M61	X	-2.671	-2.671	0	%100
66	M61	Z	0	0	0	%100
67	M62	X	-3.962	-3.962	0	%100
68	M62	Z	0	0	0	%100
69	M65	X	0	0	0	%100
70	M65	Z	0	0	0	%100
71	M66	X	-2.85	-2.85	0	%100
72	M66	Z	0	0	0	%100
73	M71	X	-1.303	-1.303	0	%100
74	M71	Z	0	0	0	%100
75	M72	X	-3.948	-3.948	0	%100
76	M72	Z	0	0	0	%100
77	M74A	X	-4.066	-4.066	0	%100
78	M74A	Z	0	0	0	%100
79	M76A	X	-1.303	-1.303	0	%100
80	M76A	Z	0	0	0	%100
81	M77A	X	0	0	0	%100
82	M77A	Z	0	0	0	%100
83	M79A	X	0	0	0	%100
84	M79A	Z	0	0	0	%100
85	M81A	X	-3.064	-3.064	0	%100
86	M81A	Z	0	0	0	%100
87	MP1C	X	-3.643	-3.643	0	%100
88	MP1C	Z	0	0	0	%100
89	MP2C	X	-3.643	-3.643	0	%100
90	MP2C	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,%]
91	MP3C	X	-3.643	-3.643	0	%100
92	MP3C	Z	0	0	0	%100
93	MP5C	X	-3.643	-3.643	0	%100
94	MP5C	Z	0	0	0	%100
95	M90	X	-2.733	-2.733	0	%100
96	M90	Z	0	0	0	%100
97	M95A	X	-3.064	-3.064	0	%100
98	M95A	Z	0	0	0	%100
99	MP1B	X	-3.643	-3.643	0	%100
100	MP1B	Z	0	0	0	%100
101	MP2B	X	-3.643	-3.643	0	%100
102	MP2B	Z	0	0	0	%100
103	MP3B	X	-3.643	-3.643	0	%100
104	MP3B	Z	0	0	0	%100
105	MP4B	X	-3.643	-3.643	0	%100
106	MP4B	Z	0	0	0	%100
107	M104	X	-2.733	-2.733	0	%100
108	M104	Z	0	0	0	%100
109	M109	X	-2.6	-2.6	0	%100
110	M109	Z	0	0	0	%100
111	M181	X	-3.643	-3.643	0	%100
112	M181	Z	0	0	0	%100
113	M114	X	-2.034	-2.034	0	%100
114	M114	Z	0	0	0	%100
115	M115	X	-4.558	-4.558	0	%100
116	M115	Z	0	0	0	%100
117	M116	X	-2.034	-2.034	0	%100
118	M116	Z	0	0	0	%100
119	M117A	X	-2.6	-2.6	0	%100
120	M117A	Z	0	0	0	%100
121	M120	X	0	0	0	%100
122	M120	Z	0	0	0	%100
123	MP4C	X	-3.643	-3.643	0	%100
124	MP4C	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	M20	X	-.885	-.885	0	%100
2	M20	Z	-.511	-.511	0	%100
3	MP1A	X	-3.155	-3.155	0	%100
4	MP1A	Z	-1.822	-1.822	0	%100
5	MP2A	X	-3.155	-3.155	0	%100
6	MP2A	Z	-1.822	-1.822	0	%100
7	MP3A	X	-3.155	-3.155	0	%100
8	MP3A	Z	-1.822	-1.822	0	%100
9	MP4A	X	-3.155	-3.155	0	%100
10	MP4A	Z	-1.822	-1.822	0	%100
11	M72A	X	-2.808	-2.808	0	%100
12	M72A	Z	-1.621	-1.621	0	%100
13	M73	X	-.771	-.771	0	%100
14	M73	Z	-.445	-.445	0	%100
15	M74	X	-.771	-.771	0	%100
16	M74	Z	-.445	-.445	0	%100
17	M75	X	-1.144	-1.144	0	%100
18	M75	Z	-.66	-.66	0	%100
19	M78	X	-.823	-.823	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,%]
20	M78	Z	-.475	-.475	0	%100
21	M79	X	-3.291	-3.291	0	%100
22	M79	Z	-1.9	-1.9	0	%100
23	M84	X	-3.385	-3.385	0	%100
24	M84	Z	-1.954	-1.954	0	%100
25	M85	X	-4.559	-4.559	0	%100
26	M85	Z	-2.632	-2.632	0	%100
27	M87A	X	-4.695	-4.695	0	%100
28	M87A	Z	-2.71	-2.71	0	%100
29	M89A	X	-3.385	-3.385	0	%100
30	M89A	Z	-1.954	-1.954	0	%100
31	M90A	X	-1.14	-1.14	0	%100
32	M90A	Z	-.658	-.658	0	%100
33	M92	X	-1.174	-1.174	0	%100
34	M92	Z	-.678	-.678	0	%100
35	M94	X	-.789	-.789	0	%100
36	M94	Z	-.455	-.455	0	%100
37	M37A	X	-2.808	-2.808	0	%100
38	M37A	Z	-1.621	-1.621	0	%100
39	M38	X	-.771	-.771	0	%100
40	M38	Z	-.445	-.445	0	%100
41	M39	X	-.771	-.771	0	%100
42	M39	Z	-.445	-.445	0	%100
43	M40	X	-1.144	-1.144	0	%100
44	M40	Z	-.66	-.66	0	%100
45	M43	X	-3.29	-3.29	0	%100
46	M43	Z	-1.9	-1.9	0	%100
47	M44	X	-.823	-.823	0	%100
48	M44	Z	-.475	-.475	0	%100
49	M49	X	-3.385	-3.385	0	%100
50	M49	Z	-1.954	-1.954	0	%100
51	M50	X	-1.14	-1.14	0	%100
52	M50	Z	-.658	-.658	0	%100
53	M52	X	-1.174	-1.174	0	%100
54	M52	Z	-.678	-.678	0	%100
55	M54	X	-3.385	-3.385	0	%100
56	M54	Z	-1.954	-1.954	0	%100
57	M55	X	-4.559	-4.559	0	%100
58	M55	Z	-2.632	-2.632	0	%100
59	M57	X	-4.695	-4.695	0	%100
60	M57	Z	-2.71	-2.71	0	%100
61	M59	X	0	0	0	%100
62	M59	Z	0	0	0	%100
63	M60	X	-3.084	-3.084	0	%100
64	M60	Z	-1.781	-1.781	0	%100
65	M61	X	-3.084	-3.084	0	%100
66	M61	Z	-1.781	-1.781	0	%100
67	M62	X	-4.575	-4.575	0	%100
68	M62	Z	-2.641	-2.641	0	%100
69	M65	X	-.823	-.823	0	%100
70	M65	Z	-.475	-.475	0	%100
71	M66	X	-.823	-.823	0	%100
72	M66	Z	-.475	-.475	0	%100
73	M71	X	0	0	0	%100
74	M71	Z	0	0	0	%100
75	M72	X	-1.14	-1.14	0	%100
76	M72	Z	-.658	-.658	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,%]
77	M74A	X	-1.174	-1.174	0	%100
78	M74A	Z	-.678	-.678	0	%100
79	M76A	X	0	0	0	%100
80	M76A	Z	0	0	0	%100
81	M77A	X	-1.14	-1.14	0	%100
82	M77A	Z	-.658	-.658	0	%100
83	M79A	X	-1.174	-1.174	0	%100
84	M79A	Z	-.678	-.678	0	%100
85	M81A	X	-.885	-.885	0	%100
86	M81A	Z	-.511	-.511	0	%100
87	MP1C	X	-3.155	-3.155	0	%100
88	MP1C	Z	-1.822	-1.822	0	%100
89	MP2C	X	-3.155	-3.155	0	%100
90	MP2C	Z	-1.822	-1.822	0	%100
91	MP3C	X	-3.155	-3.155	0	%100
92	MP3C	Z	-1.822	-1.822	0	%100
93	MP5C	X	-3.155	-3.155	0	%100
94	MP5C	Z	-1.822	-1.822	0	%100
95	M90	X	-.789	-.789	0	%100
96	M90	Z	-.455	-.455	0	%100
97	M95A	X	-3.538	-3.538	0	%100
98	M95A	Z	-2.043	-2.043	0	%100
99	MP1B	X	-3.155	-3.155	0	%100
100	MP1B	Z	-1.822	-1.822	0	%100
101	MP2B	X	-3.155	-3.155	0	%100
102	MP2B	Z	-1.822	-1.822	0	%100
103	MP3B	X	-3.155	-3.155	0	%100
104	MP3B	Z	-1.822	-1.822	0	%100
105	MP4B	X	-3.155	-3.155	0	%100
106	MP4B	Z	-1.822	-1.822	0	%100
107	M104	X	-3.155	-3.155	0	%100
108	M104	Z	-1.822	-1.822	0	%100
109	M109	X	-.75	-.75	0	%100
110	M109	Z	-.433	-.433	0	%100
111	M181	X	-3.155	-3.155	0	%100
112	M181	Z	-1.822	-1.822	0	%100
113	M114	X	-1.033	-1.033	0	%100
114	M114	Z	-.596	-.596	0	%100
115	M115	X	-3.219	-3.219	0	%100
116	M115	Z	-1.858	-1.858	0	%100
117	M116	X	-3.219	-3.219	0	%100
118	M116	Z	-1.858	-1.858	0	%100
119	M117A	X	-3.002	-3.002	0	%100
120	M117A	Z	-1.733	-1.733	0	%100
121	M120	X	-.75	-.75	0	%100
122	M120	Z	-.433	-.433	0	%100
123	MP4C	X	-3.155	-3.155	0	%100
124	MP4C	Z	-1.822	-1.822	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	M20	X	-1.532	-1.532	0	%100
2	M20	Z	-2.654	-2.654	0	%100
3	MP1A	X	-1.822	-1.822	0	%100
4	MP1A	Z	-3.155	-3.155	0	%100
5	MP2A	X	-1.822	-1.822	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,%]
6	MP2A	Z	-3.155	-3.155	0	%100
7	MP3A	X	-1.822	-1.822	0	%100
8	MP3A	Z	-3.155	-3.155	0	%100
9	MP4A	X	-1.822	-1.822	0	%100
10	MP4A	Z	-3.155	-3.155	0	%100
11	M72A	X	-.54	-.54	0	%100
12	M72A	Z	-.936	-.936	0	%100
13	M73	X	-1.335	-1.335	0	%100
14	M73	Z	-2.313	-2.313	0	%100
15	M74	X	-1.335	-1.335	0	%100
16	M74	Z	-2.313	-2.313	0	%100
17	M75	X	-1.981	-1.981	0	%100
18	M75	Z	-3.431	-3.431	0	%100
19	M78	X	0	0	0	%100
20	M78	Z	0	0	0	%100
21	M79	X	-1.425	-1.425	0	%100
22	M79	Z	-2.468	-2.468	0	%100
23	M84	X	-.651	-.651	0	%100
24	M84	Z	-1.128	-1.128	0	%100
25	M85	X	-1.974	-1.974	0	%100
26	M85	Z	-3.419	-3.419	0	%100
27	M87A	X	-2.033	-2.033	0	%100
28	M87A	Z	-3.521	-3.521	0	%100
29	M89A	X	-.651	-.651	0	%100
30	M89A	Z	-1.128	-1.128	0	%100
31	M90A	X	0	0	0	%100
32	M90A	Z	0	0	0	%100
33	M92	X	0	0	0	%100
34	M92	Z	0	0	0	%100
35	M94	X	-1.366	-1.366	0	%100
36	M94	Z	-2.367	-2.367	0	%100
37	M37A	X	-2.161	-2.161	0	%100
38	M37A	Z	-3.743	-3.743	0	%100
39	M38	X	0	0	0	%100
40	M38	Z	0	0	0	%100
41	M39	X	0	0	0	%100
42	M39	Z	0	0	0	%100
43	M40	X	0	0	0	%100
44	M40	Z	0	0	0	%100
45	M43	X	-1.425	-1.425	0	%100
46	M43	Z	-2.468	-2.468	0	%100
47	M44	X	-1.425	-1.425	0	%100
48	M44	Z	-2.468	-2.468	0	%100
49	M49	X	-2.606	-2.606	0	%100
50	M49	Z	-4.513	-4.513	0	%100
51	M50	X	-1.974	-1.974	0	%100
52	M50	Z	-3.419	-3.419	0	%100
53	M52	X	-2.033	-2.033	0	%100
54	M52	Z	-3.521	-3.521	0	%100
55	M54	X	-2.606	-2.606	0	%100
56	M54	Z	-4.513	-4.513	0	%100
57	M55	X	-1.974	-1.974	0	%100
58	M55	Z	-3.419	-3.419	0	%100
59	M57	X	-2.033	-2.033	0	%100
60	M57	Z	-3.521	-3.521	0	%100
61	M59	X	-.54	-.54	0	%100
62	M59	Z	-.936	-.936	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,%]
63	M60	X	-1.335	-1.335	0	%100
64	M60	Z	-2.313	-2.313	0	%100
65	M61	X	-1.335	-1.335	0	%100
66	M61	Z	-2.313	-2.313	0	%100
67	M62	X	-1.981	-1.981	0	%100
68	M62	Z	-3.431	-3.431	0	%100
69	M65	X	-1.425	-1.425	0	%100
70	M65	Z	-2.468	-2.468	0	%100
71	M66	X	0	0	0	%100
72	M66	Z	0	0	0	%100
73	M71	X	-.651	-.651	0	%100
74	M71	Z	-1.128	-1.128	0	%100
75	M72	X	0	0	0	%100
76	M72	Z	0	0	0	%100
77	M74A	X	0	0	0	%100
78	M74A	Z	0	0	0	%100
79	M76A	X	-.651	-.651	0	%100
80	M76A	Z	-1.128	-1.128	0	%100
81	M77A	X	-1.974	-1.974	0	%100
82	M77A	Z	-3.419	-3.419	0	%100
83	M79A	X	-2.033	-2.033	0	%100
84	M79A	Z	-3.521	-3.521	0	%100
85	M81A	X	0	0	0	%100
86	M81A	Z	0	0	0	%100
87	MP1C	X	-1.822	-1.822	0	%100
88	MP1C	Z	-3.155	-3.155	0	%100
89	MP2C	X	-1.822	-1.822	0	%100
90	MP2C	Z	-3.155	-3.155	0	%100
91	MP3C	X	-1.822	-1.822	0	%100
92	MP3C	Z	-3.155	-3.155	0	%100
93	MP5C	X	-1.822	-1.822	0	%100
94	MP5C	Z	-3.155	-3.155	0	%100
95	M90	X	0	0	0	%100
96	M90	Z	0	0	0	%100
97	M95A	X	-1.532	-1.532	0	%100
98	M95A	Z	-2.654	-2.654	0	%100
99	MP1B	X	-1.822	-1.822	0	%100
100	MP1B	Z	-3.155	-3.155	0	%100
101	MP2B	X	-1.822	-1.822	0	%100
102	MP2B	Z	-3.155	-3.155	0	%100
103	MP3B	X	-1.822	-1.822	0	%100
104	MP3B	Z	-3.155	-3.155	0	%100
105	MP4B	X	-1.822	-1.822	0	%100
106	MP4B	Z	-3.155	-3.155	0	%100
107	M104	X	-1.366	-1.366	0	%100
108	M104	Z	-2.367	-2.367	0	%100
109	M109	X	0	0	0	%100
110	M109	Z	0	0	0	%100
111	M181	X	-1.822	-1.822	0	%100
112	M181	Z	-3.155	-3.155	0	%100
113	M114	X	-1.017	-1.017	0	%100
114	M114	Z	-1.761	-1.761	0	%100
115	M115	X	-1.017	-1.017	0	%100
116	M115	Z	-1.761	-1.761	0	%100
117	M116	X	-2.279	-2.279	0	%100
118	M116	Z	-3.947	-3.947	0	%100
119	M117A	X	-1.3	-1.3	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,%]
120	M117A	Z	-2.251	-2.251	0	%100
121	M120	X	-1.3	-1.3	0	%100
122	M120	Z	-2.251	-2.251	0	%100
123	MP4C	X	-1.822	-1.822	0	%100
124	MP4C	Z	-3.155	-3.155	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	M20	X	0	0	0	%100
2	M20	Z	-.892	-.892	0	%100
3	MP1A	X	0	0	0	%100
4	MP1A	Z	-.733	-.733	0	%100
5	MP2A	X	0	0	0	%100
6	MP2A	Z	-.733	-.733	0	%100
7	MP3A	X	0	0	0	%100
8	MP3A	Z	-.733	-.733	0	%100
9	MP4A	X	0	0	0	%100
10	MP4A	Z	-.733	-.733	0	%100
11	M72A	X	0	0	0	%100
12	M72A	Z	0	0	0	%100
13	M73	X	0	0	0	%100
14	M73	Z	-.835	-.835	0	%100
15	M74	X	0	0	0	%100
16	M74	Z	-.835	-.835	0	%100
17	M75	X	0	0	0	%100
18	M75	Z	-1.529	-1.529	0	%100
19	M78	X	0	0	0	%100
20	M78	Z	-.208	-.208	0	%100
21	M79	X	0	0	0	%100
22	M79	Z	-.208	-.208	0	%100
23	M84	X	0	0	0	%100
24	M84	Z	0	0	0	%100
25	M85	X	0	0	0	%100
26	M85	Z	-.389	-.389	0	%100
27	M87A	X	0	0	0	%100
28	M87A	Z	-.403	-.403	0	%100
29	M89A	X	0	0	0	%100
30	M89A	Z	0	0	0	%100
31	M90A	X	0	0	0	%100
32	M90A	Z	-.389	-.389	0	%100
33	M92	X	0	0	0	%100
34	M92	Z	-.403	-.403	0	%100
35	M94	X	0	0	0	%100
36	M94	Z	-.733	-.733	0	%100
37	M37A	X	0	0	0	%100
38	M37A	Z	-.733	-.733	0	%100
39	M38	X	0	0	0	%100
40	M38	Z	-.209	-.209	0	%100
41	M39	X	0	0	0	%100
42	M39	Z	-.209	-.209	0	%100
43	M40	X	0	0	0	%100
44	M40	Z	-.382	-.382	0	%100
45	M43	X	0	0	0	%100
46	M43	Z	-.208	-.208	0	%100
47	M44	X	0	0	0	%100
48	M44	Z	-.832	-.832	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,%]
49	M49	X	0	0	0	%100
50	M49	Z	-1.154	-1.154	0	%100
51	M50	X	0	0	0	%100
52	M50	Z	-1.557	-1.557	0	%100
53	M52	X	0	0	0	%100
54	M52	Z	-1.614	-1.614	0	%100
55	M54	X	0	0	0	%100
56	M54	Z	-1.154	-1.154	0	%100
57	M55	X	0	0	0	%100
58	M55	Z	-.389	-.389	0	%100
59	M57	X	0	0	0	%100
60	M57	Z	-.403	-.403	0	%100
61	M59	X	0	0	0	%100
62	M59	Z	-.733	-.733	0	%100
63	M60	X	0	0	0	%100
64	M60	Z	-.209	-.209	0	%100
65	M61	X	0	0	0	%100
66	M61	Z	-.209	-.209	0	%100
67	M62	X	0	0	0	%100
68	M62	Z	-.382	-.382	0	%100
69	M65	X	0	0	0	%100
70	M65	Z	-.832	-.832	0	%100
71	M66	X	0	0	0	%100
72	M66	Z	-.208	-.208	0	%100
73	M71	X	0	0	0	%100
74	M71	Z	-1.154	-1.154	0	%100
75	M72	X	0	0	0	%100
76	M72	Z	-.389	-.389	0	%100
77	M74A	X	0	0	0	%100
78	M74A	Z	-.403	-.403	0	%100
79	M76A	X	0	0	0	%100
80	M76A	Z	-1.154	-1.154	0	%100
81	M77A	X	0	0	0	%100
82	M77A	Z	-1.557	-1.557	0	%100
83	M79A	X	0	0	0	%100
84	M79A	Z	-1.614	-1.614	0	%100
85	M81A	X	0	0	0	%100
86	M81A	Z	-.223	-.223	0	%100
87	MP1C	X	0	0	0	%100
88	MP1C	Z	-.733	-.733	0	%100
89	MP2C	X	0	0	0	%100
90	MP2C	Z	-.733	-.733	0	%100
91	MP3C	X	0	0	0	%100
92	MP3C	Z	-.733	-.733	0	%100
93	MP5C	X	0	0	0	%100
94	MP5C	Z	-.733	-.733	0	%100
95	M90	X	0	0	0	%100
96	M90	Z	-.183	-.183	0	%100
97	M95A	X	0	0	0	%100
98	M95A	Z	-.223	-.223	0	%100
99	MP1B	X	0	0	0	%100
100	MP1B	Z	-.733	-.733	0	%100
101	MP2B	X	0	0	0	%100
102	MP2B	Z	-.733	-.733	0	%100
103	MP3B	X	0	0	0	%100
104	MP3B	Z	-.733	-.733	0	%100
105	MP4B	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,%]
106	MP4B	Z	-.733	-.733	0	%100
107	M104	X	0	0	0	%100
108	M104	Z	-.183	-.183	0	%100
109	M109	X	0	0	0	%100
110	M109	Z	-.214	-.214	0	%100
111	M181	X	0	0	0	%100
112	M181	Z	-.733	-.733	0	%100
113	M114	X	0	0	0	%100
114	M114	Z	-.878	-.878	0	%100
115	M115	X	0	0	0	%100
116	M115	Z	-.326	-.326	0	%100
117	M116	X	0	0	0	%100
118	M116	Z	-.878	-.878	0	%100
119	M117A	X	0	0	0	%100
120	M117A	Z	-.214	-.214	0	%100
121	M120	X	0	0	0	%100
122	M120	Z	-.856	-.856	0	%100
123	MP4C	X	0	0	0	%100
124	MP4C	Z	-.733	-.733	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	M20	X	.334	.334	0	%100
2	M20	Z	-.579	-.579	0	%100
3	MP1A	X	.366	.366	0	%100
4	MP1A	Z	-.634	-.634	0	%100
5	MP2A	X	.366	.366	0	%100
6	MP2A	Z	-.634	-.634	0	%100
7	MP3A	X	.366	.366	0	%100
8	MP3A	Z	-.634	-.634	0	%100
9	MP4A	X	.366	.366	0	%100
10	MP4A	Z	-.634	-.634	0	%100
11	M72A	X	.122	.122	0	%100
12	M72A	Z	-.212	-.212	0	%100
13	M73	X	.313	.313	0	%100
14	M73	Z	-.542	-.542	0	%100
15	M74	X	.313	.313	0	%100
16	M74	Z	-.542	-.542	0	%100
17	M75	X	.573	.573	0	%100
18	M75	Z	-.993	-.993	0	%100
19	M78	X	.312	.312	0	%100
20	M78	Z	-.541	-.541	0	%100
21	M79	X	0	0	0	%100
22	M79	Z	0	0	0	%100
23	M84	X	.192	.192	0	%100
24	M84	Z	-.333	-.333	0	%100
25	M85	X	0	0	0	%100
26	M85	Z	0	0	0	%100
27	M87A	X	0	0	0	%100
28	M87A	Z	0	0	0	%100
29	M89A	X	.192	.192	0	%100
30	M89A	Z	-.333	-.333	0	%100
31	M90A	X	.584	.584	0	%100
32	M90A	Z	-1.011	-1.011	0	%100
33	M92	X	.605	.605	0	%100
34	M92	Z	-1.048	-1.048	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,%]
35	M94	X	.275	.275	0	%100
36	M94	Z	-.476	-.476	0	%100
37	M37A	X	.122	.122	0	%100
38	M37A	Z	-.212	-.212	0	%100
39	M38	X	.313	.313	0	%100
40	M38	Z	-.542	-.542	0	%100
41	M39	X	.313	.313	0	%100
42	M39	Z	-.542	-.542	0	%100
43	M40	X	.573	.573	0	%100
44	M40	Z	-.993	-.993	0	%100
45	M43	X	0	0	0	%100
46	M43	Z	0	0	0	%100
47	M44	X	.312	.312	0	%100
48	M44	Z	-.541	-.541	0	%100
49	M49	X	.192	.192	0	%100
50	M49	Z	-.333	-.333	0	%100
51	M50	X	.584	.584	0	%100
52	M50	Z	-1.011	-1.011	0	%100
53	M52	X	.605	.605	0	%100
54	M52	Z	-1.048	-1.048	0	%100
55	M54	X	.192	.192	0	%100
56	M54	Z	-.333	-.333	0	%100
57	M55	X	0	0	0	%100
58	M55	Z	0	0	0	%100
59	M57	X	0	0	0	%100
60	M57	Z	0	0	0	%100
61	M59	X	.489	.489	0	%100
62	M59	Z	-.846	-.846	0	%100
63	M60	X	0	0	0	%100
64	M60	Z	0	0	0	%100
65	M61	X	0	0	0	%100
66	M61	Z	0	0	0	%100
67	M62	X	0	0	0	%100
68	M62	Z	0	0	0	%100
69	M65	X	.312	.312	0	%100
70	M65	Z	-.541	-.541	0	%100
71	M66	X	.312	.312	0	%100
72	M66	Z	-.541	-.541	0	%100
73	M71	X	.769	.769	0	%100
74	M71	Z	-1.332	-1.332	0	%100
75	M72	X	.584	.584	0	%100
76	M72	Z	-1.011	-1.011	0	%100
77	M74A	X	.605	.605	0	%100
78	M74A	Z	-1.048	-1.048	0	%100
79	M76A	X	.769	.769	0	%100
80	M76A	Z	-1.332	-1.332	0	%100
81	M77A	X	.584	.584	0	%100
82	M77A	Z	-1.011	-1.011	0	%100
83	M79A	X	.605	.605	0	%100
84	M79A	Z	-1.048	-1.048	0	%100
85	M81A	X	.334	.334	0	%100
86	M81A	Z	-.579	-.579	0	%100
87	MP1C	X	.366	.366	0	%100
88	MP1C	Z	-.634	-.634	0	%100
89	MP2C	X	.366	.366	0	%100
90	MP2C	Z	-.634	-.634	0	%100
91	MP3C	X	.366	.366	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,%]
92	MP3C	Z	-.634	-.634	0	%100
93	MP5C	X	.366	.366	0	%100
94	MP5C	Z	-.634	-.634	0	%100
95	M90	X	.275	.275	0	%100
96	M90	Z	-.476	-.476	0	%100
97	M95A	X	0	0	0	%100
98	M95A	Z	0	0	0	%100
99	MP1B	X	.366	.366	0	%100
100	MP1B	Z	-.634	-.634	0	%100
101	MP2B	X	.366	.366	0	%100
102	MP2B	Z	-.634	-.634	0	%100
103	MP3B	X	.366	.366	0	%100
104	MP3B	Z	-.634	-.634	0	%100
105	MP4B	X	.366	.366	0	%100
106	MP4B	Z	-.634	-.634	0	%100
107	M104	X	0	0	0	%100
108	M104	Z	0	0	0	%100
109	M109	X	.321	.321	0	%100
110	M109	Z	-.556	-.556	0	%100
111	M181	X	.366	.366	0	%100
112	M181	Z	-.634	-.634	0	%100
113	M114	X	.531	.531	0	%100
114	M114	Z	-.919	-.919	0	%100
115	M115	X	.255	.255	0	%100
116	M115	Z	-.442	-.442	0	%100
117	M116	X	.255	.255	0	%100
118	M116	Z	-.442	-.442	0	%100
119	M117A	X	0	0	0	%100
120	M117A	Z	0	0	0	%100
121	M120	X	.321	.321	0	%100
122	M120	Z	-.556	-.556	0	%100
123	MP4C	X	.366	.366	0	%100
124	MP4C	Z	-.634	-.634	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	M20	X	.193	.193	0	%100
2	M20	Z	-.111	-.111	0	%100
3	MP1A	X	.634	.634	0	%100
4	MP1A	Z	-.366	-.366	0	%100
5	MP2A	X	.634	.634	0	%100
6	MP2A	Z	-.366	-.366	0	%100
7	MP3A	X	.634	.634	0	%100
8	MP3A	Z	-.366	-.366	0	%100
9	MP4A	X	.634	.634	0	%100
10	MP4A	Z	-.366	-.366	0	%100
11	M72A	X	.635	.635	0	%100
12	M72A	Z	-.366	-.366	0	%100
13	M73	X	.181	.181	0	%100
14	M73	Z	-.104	-.104	0	%100
15	M74	X	.181	.181	0	%100
16	M74	Z	-.104	-.104	0	%100
17	M75	X	.331	.331	0	%100
18	M75	Z	-.191	-.191	0	%100
19	M78	X	.721	.721	0	%100
20	M78	Z	-.416	-.416	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
21	M79	X	.18	.18	0	%100
22	M79	Z	-.104	-.104	0	%100
23	M84	X	.999	.999	0	%100
24	M84	Z	-.577	-.577	0	%100
25	M85	X	.337	.337	0	%100
26	M85	Z	-.195	-.195	0	%100
27	M87A	X	.349	.349	0	%100
28	M87A	Z	-.202	-.202	0	%100
29	M89A	X	.999	.999	0	%100
30	M89A	Z	-.577	-.577	0	%100
31	M90A	X	1.349	1.349	0	%100
32	M90A	Z	-.779	-.779	0	%100
33	M92	X	1.398	1.398	0	%100
34	M92	Z	-.807	-.807	0	%100
35	M94	X	.159	.159	0	%100
36	M94	Z	-.092	-.092	0	%100
37	M37A	X	0	0	0	%100
38	M37A	Z	0	0	0	%100
39	M38	X	.723	.723	0	%100
40	M38	Z	-.417	-.417	0	%100
41	M39	X	.723	.723	0	%100
42	M39	Z	-.417	-.417	0	%100
43	M40	X	1.324	1.324	0	%100
44	M40	Z	-.764	-.764	0	%100
45	M43	X	.18	.18	0	%100
46	M43	Z	-.104	-.104	0	%100
47	M44	X	.18	.18	0	%100
48	M44	Z	-.104	-.104	0	%100
49	M49	X	0	0	0	%100
50	M49	Z	0	0	0	%100
51	M50	X	.337	.337	0	%100
52	M50	Z	-.195	-.195	0	%100
53	M52	X	.349	.349	0	%100
54	M52	Z	-.202	-.202	0	%100
55	M54	X	0	0	0	%100
56	M54	Z	0	0	0	%100
57	M55	X	.337	.337	0	%100
58	M55	Z	-.195	-.195	0	%100
59	M57	X	.349	.349	0	%100
60	M57	Z	-.202	-.202	0	%100
61	M59	X	.635	.635	0	%100
62	M59	Z	-.366	-.366	0	%100
63	M60	X	.181	.181	0	%100
64	M60	Z	-.104	-.104	0	%100
65	M61	X	.181	.181	0	%100
66	M61	Z	-.104	-.104	0	%100
67	M62	X	.331	.331	0	%100
68	M62	Z	-.191	-.191	0	%100
69	M65	X	.18	.18	0	%100
70	M65	Z	-.104	-.104	0	%100
71	M66	X	.721	.721	0	%100
72	M66	Z	-.416	-.416	0	%100
73	M71	X	.999	.999	0	%100
74	M71	Z	-.577	-.577	0	%100
75	M72	X	1.349	1.349	0	%100
76	M72	Z	-.779	-.779	0	%100
77	M74A	X	1.398	1.398	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
78	M74A	Z	-.807	-.807	0	%100
79	M76A	X	.999	.999	0	%100
80	M76A	Z	-.577	-.577	0	%100
81	M77A	X	.337	.337	0	%100
82	M77A	Z	-.195	-.195	0	%100
83	M79A	X	.349	.349	0	%100
84	M79A	Z	-.202	-.202	0	%100
85	M81A	X	.772	.772	0	%100
86	M81A	Z	-.446	-.446	0	%100
87	MP1C	X	.634	.634	0	%100
88	MP1C	Z	-.366	-.366	0	%100
89	MP2C	X	.634	.634	0	%100
90	MP2C	Z	-.366	-.366	0	%100
91	MP3C	X	.634	.634	0	%100
92	MP3C	Z	-.366	-.366	0	%100
93	MP5C	X	.634	.634	0	%100
94	MP5C	Z	-.366	-.366	0	%100
95	M90	X	.634	.634	0	%100
96	M90	Z	-.366	-.366	0	%100
97	M95A	X	.193	.193	0	%100
98	M95A	Z	-.111	-.111	0	%100
99	MP1B	X	.634	.634	0	%100
100	MP1B	Z	-.366	-.366	0	%100
101	MP2B	X	.634	.634	0	%100
102	MP2B	Z	-.366	-.366	0	%100
103	MP3B	X	.634	.634	0	%100
104	MP3B	Z	-.366	-.366	0	%100
105	MP4B	X	.634	.634	0	%100
106	MP4B	Z	-.366	-.366	0	%100
107	M104	X	.159	.159	0	%100
108	M104	Z	-.092	-.092	0	%100
109	M109	X	.741	.741	0	%100
110	M109	Z	-.428	-.428	0	%100
111	M181	X	.634	.634	0	%100
112	M181	Z	-.366	-.366	0	%100
113	M114	X	.76	.76	0	%100
114	M114	Z	-.439	-.439	0	%100
115	M115	X	.76	.76	0	%100
116	M115	Z	-.439	-.439	0	%100
117	M116	X	.283	.283	0	%100
118	M116	Z	-.163	-.163	0	%100
119	M117A	X	.185	.185	0	%100
120	M117A	Z	-.107	-.107	0	%100
121	M120	X	.185	.185	0	%100
122	M120	Z	-.107	-.107	0	%100
123	MP4C	X	.634	.634	0	%100
124	MP4C	Z	-.366	-.366	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	M20	X	0	0	0	%100
2	M20	Z	0	0	0	%100
3	MP1A	X	.733	.733	0	%100
4	MP1A	Z	0	0	0	%100
5	MP2A	X	.733	.733	0	%100
6	MP2A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
7	MP3A	X	.733	.733	0	%100
8	MP3A	Z	0	0	0	%100
9	MP4A	X	.733	.733	0	%100
10	MP4A	Z	0	0	0	%100
11	M72A	X	.977	.977	0	%100
12	M72A	Z	0	0	0	%100
13	M73	X	0	0	0	%100
14	M73	Z	0	0	0	%100
15	M74	X	0	0	0	%100
16	M74	Z	0	0	0	%100
17	M75	X	0	0	0	%100
18	M75	Z	0	0	0	%100
19	M78	X	.624	.624	0	%100
20	M78	Z	0	0	0	%100
21	M79	X	.624	.624	0	%100
22	M79	Z	0	0	0	%100
23	M84	X	1.538	1.538	0	%100
24	M84	Z	0	0	0	%100
25	M85	X	1.168	1.168	0	%100
26	M85	Z	0	0	0	%100
27	M87A	X	1.21	1.21	0	%100
28	M87A	Z	0	0	0	%100
29	M89A	X	1.538	1.538	0	%100
30	M89A	Z	0	0	0	%100
31	M90A	X	1.168	1.168	0	%100
32	M90A	Z	0	0	0	%100
33	M92	X	1.21	1.21	0	%100
34	M92	Z	0	0	0	%100
35	M94	X	0	0	0	%100
36	M94	Z	0	0	0	%100
37	M37A	X	.244	.244	0	%100
38	M37A	Z	0	0	0	%100
39	M38	X	.626	.626	0	%100
40	M38	Z	0	0	0	%100
41	M39	X	.626	.626	0	%100
42	M39	Z	0	0	0	%100
43	M40	X	1.147	1.147	0	%100
44	M40	Z	0	0	0	%100
45	M43	X	.624	.624	0	%100
46	M43	Z	0	0	0	%100
47	M44	X	0	0	0	%100
48	M44	Z	0	0	0	%100
49	M49	X	.385	.385	0	%100
50	M49	Z	0	0	0	%100
51	M50	X	0	0	0	%100
52	M50	Z	0	0	0	%100
53	M52	X	0	0	0	%100
54	M52	Z	0	0	0	%100
55	M54	X	.385	.385	0	%100
56	M54	Z	0	0	0	%100
57	M55	X	1.168	1.168	0	%100
58	M55	Z	0	0	0	%100
59	M57	X	1.21	1.21	0	%100
60	M57	Z	0	0	0	%100
61	M59	X	.244	.244	0	%100
62	M59	Z	0	0	0	%100
63	M60	X	.626	.626	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,%]
64	M60	Z	0	0	0	%100
65	M61	X	.626	.626	0	%100
66	M61	Z	0	0	0	%100
67	M62	X	1.147	1.147	0	%100
68	M62	Z	0	0	0	%100
69	M65	X	0	0	0	%100
70	M65	Z	0	0	0	%100
71	M66	X	.624	.624	0	%100
72	M66	Z	0	0	0	%100
73	M71	X	.385	.385	0	%100
74	M71	Z	0	0	0	%100
75	M72	X	1.168	1.168	0	%100
76	M72	Z	0	0	0	%100
77	M74A	X	1.21	1.21	0	%100
78	M74A	Z	0	0	0	%100
79	M76A	X	.385	.385	0	%100
80	M76A	Z	0	0	0	%100
81	M77A	X	0	0	0	%100
82	M77A	Z	0	0	0	%100
83	M79A	X	0	0	0	%100
84	M79A	Z	0	0	0	%100
85	M81A	X	.669	.669	0	%100
86	M81A	Z	0	0	0	%100
87	MP1C	X	.733	.733	0	%100
88	MP1C	Z	0	0	0	%100
89	MP2C	X	.733	.733	0	%100
90	MP2C	Z	0	0	0	%100
91	MP3C	X	.733	.733	0	%100
92	MP3C	Z	0	0	0	%100
93	MP5C	X	.733	.733	0	%100
94	MP5C	Z	0	0	0	%100
95	M90	X	.549	.549	0	%100
96	M90	Z	0	0	0	%100
97	M95A	X	.669	.669	0	%100
98	M95A	Z	0	0	0	%100
99	MP1B	X	.733	.733	0	%100
100	MP1B	Z	0	0	0	%100
101	MP2B	X	.733	.733	0	%100
102	MP2B	Z	0	0	0	%100
103	MP3B	X	.733	.733	0	%100
104	MP3B	Z	0	0	0	%100
105	MP4B	X	.733	.733	0	%100
106	MP4B	Z	0	0	0	%100
107	M104	X	.549	.549	0	%100
108	M104	Z	0	0	0	%100
109	M109	X	.642	.642	0	%100
110	M109	Z	0	0	0	%100
111	M181	X	.733	.733	0	%100
112	M181	Z	0	0	0	%100
113	M114	X	.51	.51	0	%100
114	M114	Z	0	0	0	%100
115	M115	X	1.062	1.062	0	%100
116	M115	Z	0	0	0	%100
117	M116	X	.51	.51	0	%100
118	M116	Z	0	0	0	%100
119	M117A	X	.642	.642	0	%100
120	M117A	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,%]
121	M120	X	0	0	0	%100
122	M120	Z	0	0	0	%100
123	MP4C	X	.733	.733	0	%100
124	MP4C	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	M20	X	.193	.193	0	%100
2	M20	Z	.111	.111	0	%100
3	MP1A	X	.634	.634	0	%100
4	MP1A	Z	.366	.366	0	%100
5	MP2A	X	.634	.634	0	%100
6	MP2A	Z	.366	.366	0	%100
7	MP3A	X	.634	.634	0	%100
8	MP3A	Z	.366	.366	0	%100
9	MP4A	X	.634	.634	0	%100
10	MP4A	Z	.366	.366	0	%100
11	M72A	X	.635	.635	0	%100
12	M72A	Z	.366	.366	0	%100
13	M73	X	.181	.181	0	%100
14	M73	Z	.104	.104	0	%100
15	M74	X	.181	.181	0	%100
16	M74	Z	.104	.104	0	%100
17	M75	X	.331	.331	0	%100
18	M75	Z	.191	.191	0	%100
19	M78	X	.18	.18	0	%100
20	M78	Z	.104	.104	0	%100
21	M79	X	.721	.721	0	%100
22	M79	Z	.416	.416	0	%100
23	M84	X	.999	.999	0	%100
24	M84	Z	.577	.577	0	%100
25	M85	X	1.349	1.349	0	%100
26	M85	Z	.779	.779	0	%100
27	M87A	X	1.398	1.398	0	%100
28	M87A	Z	.807	.807	0	%100
29	M89A	X	.999	.999	0	%100
30	M89A	Z	.577	.577	0	%100
31	M90A	X	.337	.337	0	%100
32	M90A	Z	.195	.195	0	%100
33	M92	X	.349	.349	0	%100
34	M92	Z	.202	.202	0	%100
35	M94	X	.159	.159	0	%100
36	M94	Z	.092	.092	0	%100
37	M37A	X	.635	.635	0	%100
38	M37A	Z	.366	.366	0	%100
39	M38	X	.181	.181	0	%100
40	M38	Z	.104	.104	0	%100
41	M39	X	.181	.181	0	%100
42	M39	Z	.104	.104	0	%100
43	M40	X	.331	.331	0	%100
44	M40	Z	.191	.191	0	%100
45	M43	X	.721	.721	0	%100
46	M43	Z	.416	.416	0	%100
47	M44	X	.18	.18	0	%100
48	M44	Z	.104	.104	0	%100
49	M49	X	.999	.999	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,%]
50	M49	Z	.577	.577	0	%100
51	M50	X	.337	.337	0	%100
52	M50	Z	.195	.195	0	%100
53	M52	X	.349	.349	0	%100
54	M52	Z	.202	.202	0	%100
55	M54	X	.999	.999	0	%100
56	M54	Z	.577	.577	0	%100
57	M55	X	1.349	1.349	0	%100
58	M55	Z	.779	.779	0	%100
59	M57	X	1.398	1.398	0	%100
60	M57	Z	.807	.807	0	%100
61	M59	X	0	0	0	%100
62	M59	Z	0	0	0	%100
63	M60	X	.723	.723	0	%100
64	M60	Z	.417	.417	0	%100
65	M61	X	.723	.723	0	%100
66	M61	Z	.417	.417	0	%100
67	M62	X	1.324	1.324	0	%100
68	M62	Z	.764	.764	0	%100
69	M65	X	.18	.18	0	%100
70	M65	Z	.104	.104	0	%100
71	M66	X	.18	.18	0	%100
72	M66	Z	.104	.104	0	%100
73	M71	X	0	0	0	%100
74	M71	Z	0	0	0	%100
75	M72	X	.337	.337	0	%100
76	M72	Z	.195	.195	0	%100
77	M74A	X	.349	.349	0	%100
78	M74A	Z	.202	.202	0	%100
79	M76A	X	0	0	0	%100
80	M76A	Z	0	0	0	%100
81	M77A	X	.337	.337	0	%100
82	M77A	Z	.195	.195	0	%100
83	M79A	X	.349	.349	0	%100
84	M79A	Z	.202	.202	0	%100
85	M81A	X	.193	.193	0	%100
86	M81A	Z	.111	.111	0	%100
87	MP1C	X	.634	.634	0	%100
88	MP1C	Z	.366	.366	0	%100
89	MP2C	X	.634	.634	0	%100
90	MP2C	Z	.366	.366	0	%100
91	MP3C	X	.634	.634	0	%100
92	MP3C	Z	.366	.366	0	%100
93	MP5C	X	.634	.634	0	%100
94	MP5C	Z	.366	.366	0	%100
95	M90	X	.159	.159	0	%100
96	M90	Z	.092	.092	0	%100
97	M95A	X	.772	.772	0	%100
98	M95A	Z	.446	.446	0	%100
99	MP1B	X	.634	.634	0	%100
100	MP1B	Z	.366	.366	0	%100
101	MP2B	X	.634	.634	0	%100
102	MP2B	Z	.366	.366	0	%100
103	MP3B	X	.634	.634	0	%100
104	MP3B	Z	.366	.366	0	%100
105	MP4B	X	.634	.634	0	%100
106	MP4B	Z	.366	.366	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,%]
107	M104	X	.634	.634	0	%100
108	M104	Z	.366	.366	0	%100
109	M109	X	.185	.185	0	%100
110	M109	Z	.107	.107	0	%100
111	M181	X	.634	.634	0	%100
112	M181	Z	.366	.366	0	%100
113	M114	X	.283	.283	0	%100
114	M114	Z	.163	.163	0	%100
115	M115	X	.76	.76	0	%100
116	M115	Z	.439	.439	0	%100
117	M116	X	.76	.76	0	%100
118	M116	Z	.439	.439	0	%100
119	M117A	X	.741	.741	0	%100
120	M117A	Z	.428	.428	0	%100
121	M120	X	.185	.185	0	%100
122	M120	Z	.107	.107	0	%100
123	MP4C	X	.634	.634	0	%100
124	MP4C	Z	.366	.366	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	M20	X	.334	.334	0	%100
2	M20	Z	.579	.579	0	%100
3	MP1A	X	.366	.366	0	%100
4	MP1A	Z	.634	.634	0	%100
5	MP2A	X	.366	.366	0	%100
6	MP2A	Z	.634	.634	0	%100
7	MP3A	X	.366	.366	0	%100
8	MP3A	Z	.634	.634	0	%100
9	MP4A	X	.366	.366	0	%100
10	MP4A	Z	.634	.634	0	%100
11	M72A	X	.122	.122	0	%100
12	M72A	Z	.212	.212	0	%100
13	M73	X	.313	.313	0	%100
14	M73	Z	.542	.542	0	%100
15	M74	X	.313	.313	0	%100
16	M74	Z	.542	.542	0	%100
17	M75	X	.573	.573	0	%100
18	M75	Z	.993	.993	0	%100
19	M78	X	0	0	0	%100
20	M78	Z	0	0	0	%100
21	M79	X	.312	.312	0	%100
22	M79	Z	.541	.541	0	%100
23	M84	X	.192	.192	0	%100
24	M84	Z	.333	.333	0	%100
25	M85	X	.584	.584	0	%100
26	M85	Z	1.011	1.011	0	%100
27	M87A	X	.605	.605	0	%100
28	M87A	Z	1.048	1.048	0	%100
29	M89A	X	.192	.192	0	%100
30	M89A	Z	.333	.333	0	%100
31	M90A	X	0	0	0	%100
32	M90A	Z	0	0	0	%100
33	M92	X	0	0	0	%100
34	M92	Z	0	0	0	%100
35	M94	X	.275	.275	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,%]
36	M94	Z	.476	.476	0	%100
37	M37A	X	.489	.489	0	%100
38	M37A	Z	.846	.846	0	%100
39	M38	X	0	0	0	%100
40	M38	Z	0	0	0	%100
41	M39	X	0	0	0	%100
42	M39	Z	0	0	0	%100
43	M40	X	0	0	0	%100
44	M40	Z	0	0	0	%100
45	M43	X	.312	.312	0	%100
46	M43	Z	.541	.541	0	%100
47	M44	X	.312	.312	0	%100
48	M44	Z	.541	.541	0	%100
49	M49	X	.769	.769	0	%100
50	M49	Z	1.332	1.332	0	%100
51	M50	X	.584	.584	0	%100
52	M50	Z	1.011	1.011	0	%100
53	M52	X	.605	.605	0	%100
54	M52	Z	1.048	1.048	0	%100
55	M54	X	.769	.769	0	%100
56	M54	Z	1.332	1.332	0	%100
57	M55	X	.584	.584	0	%100
58	M55	Z	1.011	1.011	0	%100
59	M57	X	.605	.605	0	%100
60	M57	Z	1.048	1.048	0	%100
61	M59	X	.122	.122	0	%100
62	M59	Z	.212	.212	0	%100
63	M60	X	.313	.313	0	%100
64	M60	Z	.542	.542	0	%100
65	M61	X	.313	.313	0	%100
66	M61	Z	.542	.542	0	%100
67	M62	X	.573	.573	0	%100
68	M62	Z	.993	.993	0	%100
69	M65	X	.312	.312	0	%100
70	M65	Z	.541	.541	0	%100
71	M66	X	0	0	0	%100
72	M66	Z	0	0	0	%100
73	M71	X	.192	.192	0	%100
74	M71	Z	.333	.333	0	%100
75	M72	X	0	0	0	%100
76	M72	Z	0	0	0	%100
77	M74A	X	0	0	0	%100
78	M74A	Z	0	0	0	%100
79	M76A	X	.192	.192	0	%100
80	M76A	Z	.333	.333	0	%100
81	M77A	X	.584	.584	0	%100
82	M77A	Z	1.011	1.011	0	%100
83	M79A	X	.605	.605	0	%100
84	M79A	Z	1.048	1.048	0	%100
85	M81A	X	0	0	0	%100
86	M81A	Z	0	0	0	%100
87	MP1C	X	.366	.366	0	%100
88	MP1C	Z	.634	.634	0	%100
89	MP2C	X	.366	.366	0	%100
90	MP2C	Z	.634	.634	0	%100
91	MP3C	X	.366	.366	0	%100
92	MP3C	Z	.634	.634	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,%]
93	MP5C	X	.366	.366	0	%100
94	MP5C	Z	.634	.634	0	%100
95	M90	X	0	0	0	%100
96	M90	Z	0	0	0	%100
97	M95A	X	.334	.334	0	%100
98	M95A	Z	.579	.579	0	%100
99	MP1B	X	.366	.366	0	%100
100	MP1B	Z	.634	.634	0	%100
101	MP2B	X	.366	.366	0	%100
102	MP2B	Z	.634	.634	0	%100
103	MP3B	X	.366	.366	0	%100
104	MP3B	Z	.634	.634	0	%100
105	MP4B	X	.366	.366	0	%100
106	MP4B	Z	.634	.634	0	%100
107	M104	X	.275	.275	0	%100
108	M104	Z	.476	.476	0	%100
109	M109	X	0	0	0	%100
110	M109	Z	0	0	0	%100
111	M181	X	.366	.366	0	%100
112	M181	Z	.634	.634	0	%100
113	M114	X	.255	.255	0	%100
114	M114	Z	.442	.442	0	%100
115	M115	X	.255	.255	0	%100
116	M115	Z	.442	.442	0	%100
117	M116	X	.531	.531	0	%100
118	M116	Z	.919	.919	0	%100
119	M117A	X	.321	.321	0	%100
120	M117A	Z	.556	.556	0	%100
121	M120	X	.321	.321	0	%100
122	M120	Z	.556	.556	0	%100
123	MP4C	X	.366	.366	0	%100
124	MP4C	Z	.634	.634	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	M20	X	0	0	0	%100
2	M20	Z	.892	.892	0	%100
3	MP1A	X	0	0	0	%100
4	MP1A	Z	.733	.733	0	%100
5	MP2A	X	0	0	0	%100
6	MP2A	Z	.733	.733	0	%100
7	MP3A	X	0	0	0	%100
8	MP3A	Z	.733	.733	0	%100
9	MP4A	X	0	0	0	%100
10	MP4A	Z	.733	.733	0	%100
11	M72A	X	0	0	0	%100
12	M72A	Z	0	0	0	%100
13	M73	X	0	0	0	%100
14	M73	Z	.835	.835	0	%100
15	M74	X	0	0	0	%100
16	M74	Z	.835	.835	0	%100
17	M75	X	0	0	0	%100
18	M75	Z	1.529	1.529	0	%100
19	M78	X	0	0	0	%100
20	M78	Z	.208	.208	0	%100
21	M79	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	M79	Z	.208	.208	0	%100
23	M84	X	0	0	0	%100
24	M84	Z	0	0	0	%100
25	M85	X	0	0	0	%100
26	M85	Z	.389	.389	0	%100
27	M87A	X	0	0	0	%100
28	M87A	Z	.403	.403	0	%100
29	M89A	X	0	0	0	%100
30	M89A	Z	0	0	0	%100
31	M90A	X	0	0	0	%100
32	M90A	Z	.389	.389	0	%100
33	M92	X	0	0	0	%100
34	M92	Z	.403	.403	0	%100
35	M94	X	0	0	0	%100
36	M94	Z	.733	.733	0	%100
37	M37A	X	0	0	0	%100
38	M37A	Z	.733	.733	0	%100
39	M38	X	0	0	0	%100
40	M38	Z	.209	.209	0	%100
41	M39	X	0	0	0	%100
42	M39	Z	.209	.209	0	%100
43	M40	X	0	0	0	%100
44	M40	Z	.382	.382	0	%100
45	M43	X	0	0	0	%100
46	M43	Z	.208	.208	0	%100
47	M44	X	0	0	0	%100
48	M44	Z	.832	.832	0	%100
49	M49	X	0	0	0	%100
50	M49	Z	1.154	1.154	0	%100
51	M50	X	0	0	0	%100
52	M50	Z	1.557	1.557	0	%100
53	M52	X	0	0	0	%100
54	M52	Z	1.614	1.614	0	%100
55	M54	X	0	0	0	%100
56	M54	Z	1.154	1.154	0	%100
57	M55	X	0	0	0	%100
58	M55	Z	.389	.389	0	%100
59	M57	X	0	0	0	%100
60	M57	Z	.403	.403	0	%100
61	M59	X	0	0	0	%100
62	M59	Z	.733	.733	0	%100
63	M60	X	0	0	0	%100
64	M60	Z	.209	.209	0	%100
65	M61	X	0	0	0	%100
66	M61	Z	.209	.209	0	%100
67	M62	X	0	0	0	%100
68	M62	Z	.382	.382	0	%100
69	M65	X	0	0	0	%100
70	M65	Z	.832	.832	0	%100
71	M66	X	0	0	0	%100
72	M66	Z	.208	.208	0	%100
73	M71	X	0	0	0	%100
74	M71	Z	1.154	1.154	0	%100
75	M72	X	0	0	0	%100
76	M72	Z	.389	.389	0	%100
77	M74A	X	0	0	0	%100
78	M74A	Z	.403	.403	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	M76A	X	0	0	0	%100
80	M76A	Z	1.154	1.154	0	%100
81	M77A	X	0	0	0	%100
82	M77A	Z	1.557	1.557	0	%100
83	M79A	X	0	0	0	%100
84	M79A	Z	1.614	1.614	0	%100
85	M81A	X	0	0	0	%100
86	M81A	Z	.223	.223	0	%100
87	MP1C	X	0	0	0	%100
88	MP1C	Z	.733	.733	0	%100
89	MP2C	X	0	0	0	%100
90	MP2C	Z	.733	.733	0	%100
91	MP3C	X	0	0	0	%100
92	MP3C	Z	.733	.733	0	%100
93	MP5C	X	0	0	0	%100
94	MP5C	Z	.733	.733	0	%100
95	M90	X	0	0	0	%100
96	M90	Z	.183	.183	0	%100
97	M95A	X	0	0	0	%100
98	M95A	Z	.223	.223	0	%100
99	MP1B	X	0	0	0	%100
100	MP1B	Z	.733	.733	0	%100
101	MP2B	X	0	0	0	%100
102	MP2B	Z	.733	.733	0	%100
103	MP3B	X	0	0	0	%100
104	MP3B	Z	.733	.733	0	%100
105	MP4B	X	0	0	0	%100
106	MP4B	Z	.733	.733	0	%100
107	M104	X	0	0	0	%100
108	M104	Z	.183	.183	0	%100
109	M109	X	0	0	0	%100
110	M109	Z	.214	.214	0	%100
111	M181	X	0	0	0	%100
112	M181	Z	.733	.733	0	%100
113	M114	X	0	0	0	%100
114	M114	Z	.878	.878	0	%100
115	M115	X	0	0	0	%100
116	M115	Z	.326	.326	0	%100
117	M116	X	0	0	0	%100
118	M116	Z	.878	.878	0	%100
119	M117A	X	0	0	0	%100
120	M117A	Z	.214	.214	0	%100
121	M120	X	0	0	0	%100
122	M120	Z	.856	.856	0	%100
123	MP4C	X	0	0	0	%100
124	MP4C	Z	.733	.733	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	M20	X	-.334	-.334	0	%100
2	M20	Z	.579	.579	0	%100
3	MP1A	X	-.366	-.366	0	%100
4	MP1A	Z	.634	.634	0	%100
5	MP2A	X	-.366	-.366	0	%100
6	MP2A	Z	.634	.634	0	%100
7	MP3A	X	-.366	-.366	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,%]
8	MP3A	Z	.634	.634	0	%100
9	MP4A	X	-.366	-.366	0	%100
10	MP4A	Z	.634	.634	0	%100
11	M72A	X	-.122	-.122	0	%100
12	M72A	Z	.212	.212	0	%100
13	M73	X	-.313	-.313	0	%100
14	M73	Z	.542	.542	0	%100
15	M74	X	-.313	-.313	0	%100
16	M74	Z	.542	.542	0	%100
17	M75	X	-.573	-.573	0	%100
18	M75	Z	.993	.993	0	%100
19	M78	X	-.312	-.312	0	%100
20	M78	Z	.541	.541	0	%100
21	M79	X	0	0	0	%100
22	M79	Z	0	0	0	%100
23	M84	X	-.192	-.192	0	%100
24	M84	Z	.333	.333	0	%100
25	M85	X	0	0	0	%100
26	M85	Z	0	0	0	%100
27	M87A	X	0	0	0	%100
28	M87A	Z	0	0	0	%100
29	M89A	X	-.192	-.192	0	%100
30	M89A	Z	.333	.333	0	%100
31	M90A	X	-.584	-.584	0	%100
32	M90A	Z	1.011	1.011	0	%100
33	M92	X	-.605	-.605	0	%100
34	M92	Z	1.048	1.048	0	%100
35	M94	X	-.275	-.275	0	%100
36	M94	Z	.476	.476	0	%100
37	M37A	X	-.122	-.122	0	%100
38	M37A	Z	.212	.212	0	%100
39	M38	X	-.313	-.313	0	%100
40	M38	Z	.542	.542	0	%100
41	M39	X	-.313	-.313	0	%100
42	M39	Z	.542	.542	0	%100
43	M40	X	-.573	-.573	0	%100
44	M40	Z	.993	.993	0	%100
45	M43	X	0	0	0	%100
46	M43	Z	0	0	0	%100
47	M44	X	-.312	-.312	0	%100
48	M44	Z	.541	.541	0	%100
49	M49	X	-.192	-.192	0	%100
50	M49	Z	.333	.333	0	%100
51	M50	X	-.584	-.584	0	%100
52	M50	Z	1.011	1.011	0	%100
53	M52	X	-.605	-.605	0	%100
54	M52	Z	1.048	1.048	0	%100
55	M54	X	-.192	-.192	0	%100
56	M54	Z	.333	.333	0	%100
57	M55	X	0	0	0	%100
58	M55	Z	0	0	0	%100
59	M57	X	0	0	0	%100
60	M57	Z	0	0	0	%100
61	M59	X	-.489	-.489	0	%100
62	M59	Z	.846	.846	0	%100
63	M60	X	0	0	0	%100
64	M60	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
65	M61	X	0	0	0	%100
66	M61	Z	0	0	0	%100
67	M62	X	0	0	0	%100
68	M62	Z	0	0	0	%100
69	M65	X	-.312	-.312	0	%100
70	M65	Z	.541	.541	0	%100
71	M66	X	-.312	-.312	0	%100
72	M66	Z	.541	.541	0	%100
73	M71	X	-.769	-.769	0	%100
74	M71	Z	1.332	1.332	0	%100
75	M72	X	-.584	-.584	0	%100
76	M72	Z	1.011	1.011	0	%100
77	M74A	X	-.605	-.605	0	%100
78	M74A	Z	1.048	1.048	0	%100
79	M76A	X	-.769	-.769	0	%100
80	M76A	Z	1.332	1.332	0	%100
81	M77A	X	-.584	-.584	0	%100
82	M77A	Z	1.011	1.011	0	%100
83	M79A	X	-.605	-.605	0	%100
84	M79A	Z	1.048	1.048	0	%100
85	M81A	X	-.334	-.334	0	%100
86	M81A	Z	.579	.579	0	%100
87	MP1C	X	-.366	-.366	0	%100
88	MP1C	Z	.634	.634	0	%100
89	MP2C	X	-.366	-.366	0	%100
90	MP2C	Z	.634	.634	0	%100
91	MP3C	X	-.366	-.366	0	%100
92	MP3C	Z	.634	.634	0	%100
93	MP5C	X	-.366	-.366	0	%100
94	MP5C	Z	.634	.634	0	%100
95	M90	X	-.275	-.275	0	%100
96	M90	Z	.476	.476	0	%100
97	M95A	X	0	0	0	%100
98	M95A	Z	0	0	0	%100
99	MP1B	X	-.366	-.366	0	%100
100	MP1B	Z	.634	.634	0	%100
101	MP2B	X	-.366	-.366	0	%100
102	MP2B	Z	.634	.634	0	%100
103	MP3B	X	-.366	-.366	0	%100
104	MP3B	Z	.634	.634	0	%100
105	MP4B	X	-.366	-.366	0	%100
106	MP4B	Z	.634	.634	0	%100
107	M104	X	0	0	0	%100
108	M104	Z	0	0	0	%100
109	M109	X	-.321	-.321	0	%100
110	M109	Z	.556	.556	0	%100
111	M181	X	-.366	-.366	0	%100
112	M181	Z	.634	.634	0	%100
113	M114	X	-.531	-.531	0	%100
114	M114	Z	.919	.919	0	%100
115	M115	X	-.255	-.255	0	%100
116	M115	Z	.442	.442	0	%100
117	M116	X	-.255	-.255	0	%100
118	M116	Z	.442	.442	0	%100
119	M117A	X	0	0	0	%100
120	M117A	Z	0	0	0	%100
121	M120	X	-.321	-.321	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,%]
122	M120	Z	.556	.556	0	%100
123	MP4C	X	-.366	-.366	0	%100
124	MP4C	Z	.634	.634	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	M20	X	-.193	-.193	0	%100
2	M20	Z	.111	.111	0	%100
3	MP1A	X	-.634	-.634	0	%100
4	MP1A	Z	.366	.366	0	%100
5	MP2A	X	-.634	-.634	0	%100
6	MP2A	Z	.366	.366	0	%100
7	MP3A	X	-.634	-.634	0	%100
8	MP3A	Z	.366	.366	0	%100
9	MP4A	X	-.634	-.634	0	%100
10	MP4A	Z	.366	.366	0	%100
11	M72A	X	-.635	-.635	0	%100
12	M72A	Z	.366	.366	0	%100
13	M73	X	-.181	-.181	0	%100
14	M73	Z	.104	.104	0	%100
15	M74	X	-.181	-.181	0	%100
16	M74	Z	.104	.104	0	%100
17	M75	X	-.331	-.331	0	%100
18	M75	Z	.191	.191	0	%100
19	M78	X	-.721	-.721	0	%100
20	M78	Z	.416	.416	0	%100
21	M79	X	-.18	-.18	0	%100
22	M79	Z	.104	.104	0	%100
23	M84	X	-.999	-.999	0	%100
24	M84	Z	.577	.577	0	%100
25	M85	X	-.337	-.337	0	%100
26	M85	Z	.195	.195	0	%100
27	M87A	X	-.349	-.349	0	%100
28	M87A	Z	.202	.202	0	%100
29	M89A	X	-.999	-.999	0	%100
30	M89A	Z	.577	.577	0	%100
31	M90A	X	-1.349	-1.349	0	%100
32	M90A	Z	.779	.779	0	%100
33	M92	X	-1.398	-1.398	0	%100
34	M92	Z	.807	.807	0	%100
35	M94	X	-.159	-.159	0	%100
36	M94	Z	.092	.092	0	%100
37	M37A	X	0	0	0	%100
38	M37A	Z	0	0	0	%100
39	M38	X	-.723	-.723	0	%100
40	M38	Z	.417	.417	0	%100
41	M39	X	-.723	-.723	0	%100
42	M39	Z	.417	.417	0	%100
43	M40	X	-1.324	-1.324	0	%100
44	M40	Z	.764	.764	0	%100
45	M43	X	-.18	-.18	0	%100
46	M43	Z	.104	.104	0	%100
47	M44	X	-.18	-.18	0	%100
48	M44	Z	.104	.104	0	%100
49	M49	X	0	0	0	%100
50	M49	Z	0	0	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,%]
51	M50	X	-.337	-.337	0	%100
52	M50	Z	.195	.195	0	%100
53	M52	X	-.349	-.349	0	%100
54	M52	Z	.202	.202	0	%100
55	M54	X	0	0	0	%100
56	M54	Z	0	0	0	%100
57	M55	X	-.337	-.337	0	%100
58	M55	Z	.195	.195	0	%100
59	M57	X	-.349	-.349	0	%100
60	M57	Z	.202	.202	0	%100
61	M59	X	-.635	-.635	0	%100
62	M59	Z	.366	.366	0	%100
63	M60	X	-.181	-.181	0	%100
64	M60	Z	.104	.104	0	%100
65	M61	X	-.181	-.181	0	%100
66	M61	Z	.104	.104	0	%100
67	M62	X	-.331	-.331	0	%100
68	M62	Z	.191	.191	0	%100
69	M65	X	-.18	-.18	0	%100
70	M65	Z	.104	.104	0	%100
71	M66	X	-.721	-.721	0	%100
72	M66	Z	.416	.416	0	%100
73	M71	X	-.999	-.999	0	%100
74	M71	Z	.577	.577	0	%100
75	M72	X	-1.349	-1.349	0	%100
76	M72	Z	.779	.779	0	%100
77	M74A	X	-1.398	-1.398	0	%100
78	M74A	Z	.807	.807	0	%100
79	M76A	X	-.999	-.999	0	%100
80	M76A	Z	.577	.577	0	%100
81	M77A	X	-.337	-.337	0	%100
82	M77A	Z	.195	.195	0	%100
83	M79A	X	-.349	-.349	0	%100
84	M79A	Z	.202	.202	0	%100
85	M81A	X	-.772	-.772	0	%100
86	M81A	Z	.446	.446	0	%100
87	MP1C	X	-.634	-.634	0	%100
88	MP1C	Z	.366	.366	0	%100
89	MP2C	X	-.634	-.634	0	%100
90	MP2C	Z	.366	.366	0	%100
91	MP3C	X	-.634	-.634	0	%100
92	MP3C	Z	.366	.366	0	%100
93	MP5C	X	-.634	-.634	0	%100
94	MP5C	Z	.366	.366	0	%100
95	M90	X	-.634	-.634	0	%100
96	M90	Z	.366	.366	0	%100
97	M95A	X	-.193	-.193	0	%100
98	M95A	Z	.111	.111	0	%100
99	MP1B	X	-.634	-.634	0	%100
100	MP1B	Z	.366	.366	0	%100
101	MP2B	X	-.634	-.634	0	%100
102	MP2B	Z	.366	.366	0	%100
103	MP3B	X	-.634	-.634	0	%100
104	MP3B	Z	.366	.366	0	%100
105	MP4B	X	-.634	-.634	0	%100
106	MP4B	Z	.366	.366	0	%100
107	M104	X	-.159	-.159	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,%]
108	M104	Z	.092	.092	0	%100
109	M109	X	-.741	-.741	0	%100
110	M109	Z	.428	.428	0	%100
111	M181	X	-.634	-.634	0	%100
112	M181	Z	.366	.366	0	%100
113	M114	X	-.76	-.76	0	%100
114	M114	Z	.439	.439	0	%100
115	M115	X	-.76	-.76	0	%100
116	M115	Z	.439	.439	0	%100
117	M116	X	-.283	-.283	0	%100
118	M116	Z	.163	.163	0	%100
119	M117A	X	-.185	-.185	0	%100
120	M117A	Z	.107	.107	0	%100
121	M120	X	-.185	-.185	0	%100
122	M120	Z	.107	.107	0	%100
123	MP4C	X	-.634	-.634	0	%100
124	MP4C	Z	.366	.366	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	M20	X	0	0	0	%100
2	M20	Z	0	0	0	%100
3	MP1A	X	-.733	-.733	0	%100
4	MP1A	Z	0	0	0	%100
5	MP2A	X	-.733	-.733	0	%100
6	MP2A	Z	0	0	0	%100
7	MP3A	X	-.733	-.733	0	%100
8	MP3A	Z	0	0	0	%100
9	MP4A	X	-.733	-.733	0	%100
10	MP4A	Z	0	0	0	%100
11	M72A	X	-.977	-.977	0	%100
12	M72A	Z	0	0	0	%100
13	M73	X	0	0	0	%100
14	M73	Z	0	0	0	%100
15	M74	X	0	0	0	%100
16	M74	Z	0	0	0	%100
17	M75	X	0	0	0	%100
18	M75	Z	0	0	0	%100
19	M78	X	-.624	-.624	0	%100
20	M78	Z	0	0	0	%100
21	M79	X	-.624	-.624	0	%100
22	M79	Z	0	0	0	%100
23	M84	X	-1.538	-1.538	0	%100
24	M84	Z	0	0	0	%100
25	M85	X	-1.168	-1.168	0	%100
26	M85	Z	0	0	0	%100
27	M87A	X	-1.21	-1.21	0	%100
28	M87A	Z	0	0	0	%100
29	M89A	X	-1.538	-1.538	0	%100
30	M89A	Z	0	0	0	%100
31	M90A	X	-1.168	-1.168	0	%100
32	M90A	Z	0	0	0	%100
33	M92	X	-1.21	-1.21	0	%100
34	M92	Z	0	0	0	%100
35	M94	X	0	0	0	%100
36	M94	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,%]
37	M37A	X	-.244	-.244	0	%100
38	M37A	Z	0	0	0	%100
39	M38	X	-.626	-.626	0	%100
40	M38	Z	0	0	0	%100
41	M39	X	-.626	-.626	0	%100
42	M39	Z	0	0	0	%100
43	M40	X	-1.147	-1.147	0	%100
44	M40	Z	0	0	0	%100
45	M43	X	-.624	-.624	0	%100
46	M43	Z	0	0	0	%100
47	M44	X	0	0	0	%100
48	M44	Z	0	0	0	%100
49	M49	X	-.385	-.385	0	%100
50	M49	Z	0	0	0	%100
51	M50	X	0	0	0	%100
52	M50	Z	0	0	0	%100
53	M52	X	0	0	0	%100
54	M52	Z	0	0	0	%100
55	M54	X	-.385	-.385	0	%100
56	M54	Z	0	0	0	%100
57	M55	X	-1.168	-1.168	0	%100
58	M55	Z	0	0	0	%100
59	M57	X	-1.21	-1.21	0	%100
60	M57	Z	0	0	0	%100
61	M59	X	-.244	-.244	0	%100
62	M59	Z	0	0	0	%100
63	M60	X	-.626	-.626	0	%100
64	M60	Z	0	0	0	%100
65	M61	X	-.626	-.626	0	%100
66	M61	Z	0	0	0	%100
67	M62	X	-1.147	-1.147	0	%100
68	M62	Z	0	0	0	%100
69	M65	X	0	0	0	%100
70	M65	Z	0	0	0	%100
71	M66	X	-.624	-.624	0	%100
72	M66	Z	0	0	0	%100
73	M71	X	-.385	-.385	0	%100
74	M71	Z	0	0	0	%100
75	M72	X	-1.168	-1.168	0	%100
76	M72	Z	0	0	0	%100
77	M74A	X	-1.21	-1.21	0	%100
78	M74A	Z	0	0	0	%100
79	M76A	X	-.385	-.385	0	%100
80	M76A	Z	0	0	0	%100
81	M77A	X	0	0	0	%100
82	M77A	Z	0	0	0	%100
83	M79A	X	0	0	0	%100
84	M79A	Z	0	0	0	%100
85	M81A	X	-.669	-.669	0	%100
86	M81A	Z	0	0	0	%100
87	MP1C	X	-.733	-.733	0	%100
88	MP1C	Z	0	0	0	%100
89	MP2C	X	-.733	-.733	0	%100
90	MP2C	Z	0	0	0	%100
91	MP3C	X	-.733	-.733	0	%100
92	MP3C	Z	0	0	0	%100
93	MP5C	X	-.733	-.733	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,%]
94	MP5C	Z	0	0	0	%100
95	M90	X	-.549	-.549	0	%100
96	M90	Z	0	0	0	%100
97	M95A	X	-.669	-.669	0	%100
98	M95A	Z	0	0	0	%100
99	MP1B	X	-.733	-.733	0	%100
100	MP1B	Z	0	0	0	%100
101	MP2B	X	-.733	-.733	0	%100
102	MP2B	Z	0	0	0	%100
103	MP3B	X	-.733	-.733	0	%100
104	MP3B	Z	0	0	0	%100
105	MP4B	X	-.733	-.733	0	%100
106	MP4B	Z	0	0	0	%100
107	M104	X	-.549	-.549	0	%100
108	M104	Z	0	0	0	%100
109	M109	X	-.642	-.642	0	%100
110	M109	Z	0	0	0	%100
111	M181	X	-.733	-.733	0	%100
112	M181	Z	0	0	0	%100
113	M114	X	-.51	-.51	0	%100
114	M114	Z	0	0	0	%100
115	M115	X	-1.062	-1.062	0	%100
116	M115	Z	0	0	0	%100
117	M116	X	-.51	-.51	0	%100
118	M116	Z	0	0	0	%100
119	M117A	X	-.642	-.642	0	%100
120	M117A	Z	0	0	0	%100
121	M120	X	0	0	0	%100
122	M120	Z	0	0	0	%100
123	MP4C	X	-.733	-.733	0	%100
124	MP4C	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	M20	X	-.193	-.193	0	%100
2	M20	Z	-.111	-.111	0	%100
3	MP1A	X	-.634	-.634	0	%100
4	MP1A	Z	-.366	-.366	0	%100
5	MP2A	X	-.634	-.634	0	%100
6	MP2A	Z	-.366	-.366	0	%100
7	MP3A	X	-.634	-.634	0	%100
8	MP3A	Z	-.366	-.366	0	%100
9	MP4A	X	-.634	-.634	0	%100
10	MP4A	Z	-.366	-.366	0	%100
11	M72A	X	-.635	-.635	0	%100
12	M72A	Z	-.366	-.366	0	%100
13	M73	X	-.181	-.181	0	%100
14	M73	Z	-.104	-.104	0	%100
15	M74	X	-.181	-.181	0	%100
16	M74	Z	-.104	-.104	0	%100
17	M75	X	-.331	-.331	0	%100
18	M75	Z	-.191	-.191	0	%100
19	M78	X	-.18	-.18	0	%100
20	M78	Z	-.104	-.104	0	%100
21	M79	X	-.721	-.721	0	%100
22	M79	Z	-.416	-.416	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,%]
23	M84	X	-.999	-.999	0	%100
24	M84	Z	-.577	-.577	0	%100
25	M85	X	-1.349	-1.349	0	%100
26	M85	Z	-.779	-.779	0	%100
27	M87A	X	-1.398	-1.398	0	%100
28	M87A	Z	-.807	-.807	0	%100
29	M89A	X	-.999	-.999	0	%100
30	M89A	Z	-.577	-.577	0	%100
31	M90A	X	-.337	-.337	0	%100
32	M90A	Z	-.195	-.195	0	%100
33	M92	X	-.349	-.349	0	%100
34	M92	Z	-.202	-.202	0	%100
35	M94	X	-.159	-.159	0	%100
36	M94	Z	-.092	-.092	0	%100
37	M37A	X	-.635	-.635	0	%100
38	M37A	Z	-.366	-.366	0	%100
39	M38	X	-.181	-.181	0	%100
40	M38	Z	-.104	-.104	0	%100
41	M39	X	-.181	-.181	0	%100
42	M39	Z	-.104	-.104	0	%100
43	M40	X	-.331	-.331	0	%100
44	M40	Z	-.191	-.191	0	%100
45	M43	X	-.721	-.721	0	%100
46	M43	Z	-.416	-.416	0	%100
47	M44	X	-.18	-.18	0	%100
48	M44	Z	-.104	-.104	0	%100
49	M49	X	-.999	-.999	0	%100
50	M49	Z	-.577	-.577	0	%100
51	M50	X	-.337	-.337	0	%100
52	M50	Z	-.195	-.195	0	%100
53	M52	X	-.349	-.349	0	%100
54	M52	Z	-.202	-.202	0	%100
55	M54	X	-.999	-.999	0	%100
56	M54	Z	-.577	-.577	0	%100
57	M55	X	-1.349	-1.349	0	%100
58	M55	Z	-.779	-.779	0	%100
59	M57	X	-1.398	-1.398	0	%100
60	M57	Z	-.807	-.807	0	%100
61	M59	X	0	0	0	%100
62	M59	Z	0	0	0	%100
63	M60	X	-.723	-.723	0	%100
64	M60	Z	-.417	-.417	0	%100
65	M61	X	-.723	-.723	0	%100
66	M61	Z	-.417	-.417	0	%100
67	M62	X	-1.324	-1.324	0	%100
68	M62	Z	-.764	-.764	0	%100
69	M65	X	-.18	-.18	0	%100
70	M65	Z	-.104	-.104	0	%100
71	M66	X	-.18	-.18	0	%100
72	M66	Z	-.104	-.104	0	%100
73	M71	X	0	0	0	%100
74	M71	Z	0	0	0	%100
75	M72	X	-.337	-.337	0	%100
76	M72	Z	-.195	-.195	0	%100
77	M74A	X	-.349	-.349	0	%100
78	M74A	Z	-.202	-.202	0	%100
79	M76A	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,F...	Start Location[ft,%]	End Location[ft,%]
80	M76A	Z	0	0	0	%100
81	M77A	X	-.337	-.337	0	%100
82	M77A	Z	-.195	-.195	0	%100
83	M79A	X	-.349	-.349	0	%100
84	M79A	Z	-.202	-.202	0	%100
85	M81A	X	-.193	-.193	0	%100
86	M81A	Z	-.111	-.111	0	%100
87	MP1C	X	-.634	-.634	0	%100
88	MP1C	Z	-.366	-.366	0	%100
89	MP2C	X	-.634	-.634	0	%100
90	MP2C	Z	-.366	-.366	0	%100
91	MP3C	X	-.634	-.634	0	%100
92	MP3C	Z	-.366	-.366	0	%100
93	MP5C	X	-.634	-.634	0	%100
94	MP5C	Z	-.366	-.366	0	%100
95	M90	X	-.159	-.159	0	%100
96	M90	Z	-.092	-.092	0	%100
97	M95A	X	-.772	-.772	0	%100
98	M95A	Z	-.446	-.446	0	%100
99	MP1B	X	-.634	-.634	0	%100
100	MP1B	Z	-.366	-.366	0	%100
101	MP2B	X	-.634	-.634	0	%100
102	MP2B	Z	-.366	-.366	0	%100
103	MP3B	X	-.634	-.634	0	%100
104	MP3B	Z	-.366	-.366	0	%100
105	MP4B	X	-.634	-.634	0	%100
106	MP4B	Z	-.366	-.366	0	%100
107	M104	X	-.634	-.634	0	%100
108	M104	Z	-.366	-.366	0	%100
109	M109	X	-.185	-.185	0	%100
110	M109	Z	-.107	-.107	0	%100
111	M181	X	-.634	-.634	0	%100
112	M181	Z	-.366	-.366	0	%100
113	M114	X	-.283	-.283	0	%100
114	M114	Z	-.163	-.163	0	%100
115	M115	X	-.76	-.76	0	%100
116	M115	Z	-.439	-.439	0	%100
117	M116	X	-.76	-.76	0	%100
118	M116	Z	-.439	-.439	0	%100
119	M117A	X	-.741	-.741	0	%100
120	M117A	Z	-.428	-.428	0	%100
121	M120	X	-.185	-.185	0	%100
122	M120	Z	-.107	-.107	0	%100
123	MP4C	X	-.634	-.634	0	%100
124	MP4C	Z	-.366	-.366	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	M20	X	-.334	-.334	0	%100
2	M20	Z	-.579	-.579	0	%100
3	MP1A	X	-.366	-.366	0	%100
4	MP1A	Z	-.634	-.634	0	%100
5	MP2A	X	-.366	-.366	0	%100
6	MP2A	Z	-.634	-.634	0	%100
7	MP3A	X	-.366	-.366	0	%100
8	MP3A	Z	-.634	-.634	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,%]
9	MP4A	X	-.366	-.366	0	%100
10	MP4A	Z	-.634	-.634	0	%100
11	M72A	X	-.122	-.122	0	%100
12	M72A	Z	-.212	-.212	0	%100
13	M73	X	-.313	-.313	0	%100
14	M73	Z	-.542	-.542	0	%100
15	M74	X	-.313	-.313	0	%100
16	M74	Z	-.542	-.542	0	%100
17	M75	X	-.573	-.573	0	%100
18	M75	Z	-.993	-.993	0	%100
19	M78	X	0	0	0	%100
20	M78	Z	0	0	0	%100
21	M79	X	-.312	-.312	0	%100
22	M79	Z	-.541	-.541	0	%100
23	M84	X	-.192	-.192	0	%100
24	M84	Z	-.333	-.333	0	%100
25	M85	X	-.584	-.584	0	%100
26	M85	Z	-1.011	-1.011	0	%100
27	M87A	X	-.605	-.605	0	%100
28	M87A	Z	-1.048	-1.048	0	%100
29	M89A	X	-.192	-.192	0	%100
30	M89A	Z	-.333	-.333	0	%100
31	M90A	X	0	0	0	%100
32	M90A	Z	0	0	0	%100
33	M92	X	0	0	0	%100
34	M92	Z	0	0	0	%100
35	M94	X	-.275	-.275	0	%100
36	M94	Z	-.476	-.476	0	%100
37	M37A	X	-.489	-.489	0	%100
38	M37A	Z	-.846	-.846	0	%100
39	M38	X	0	0	0	%100
40	M38	Z	0	0	0	%100
41	M39	X	0	0	0	%100
42	M39	Z	0	0	0	%100
43	M40	X	0	0	0	%100
44	M40	Z	0	0	0	%100
45	M43	X	-.312	-.312	0	%100
46	M43	Z	-.541	-.541	0	%100
47	M44	X	-.312	-.312	0	%100
48	M44	Z	-.541	-.541	0	%100
49	M49	X	-.769	-.769	0	%100
50	M49	Z	-1.332	-1.332	0	%100
51	M50	X	-.584	-.584	0	%100
52	M50	Z	-1.011	-1.011	0	%100
53	M52	X	-.605	-.605	0	%100
54	M52	Z	-1.048	-1.048	0	%100
55	M54	X	-.769	-.769	0	%100
56	M54	Z	-1.332	-1.332	0	%100
57	M55	X	-.584	-.584	0	%100
58	M55	Z	-1.011	-1.011	0	%100
59	M57	X	-.605	-.605	0	%100
60	M57	Z	-1.048	-1.048	0	%100
61	M59	X	-.122	-.122	0	%100
62	M59	Z	-.212	-.212	0	%100
63	M60	X	-.313	-.313	0	%100
64	M60	Z	-.542	-.542	0	%100
65	M61	X	-.313	-.313	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,%]
66	M61	Z	-.542	-.542	0	%100
67	M62	X	-.573	-.573	0	%100
68	M62	Z	-.993	-.993	0	%100
69	M65	X	-.312	-.312	0	%100
70	M65	Z	-.541	-.541	0	%100
71	M66	X	0	0	0	%100
72	M66	Z	0	0	0	%100
73	M71	X	-.192	-.192	0	%100
74	M71	Z	-.333	-.333	0	%100
75	M72	X	0	0	0	%100
76	M72	Z	0	0	0	%100
77	M74A	X	0	0	0	%100
78	M74A	Z	0	0	0	%100
79	M76A	X	-.192	-.192	0	%100
80	M76A	Z	-.333	-.333	0	%100
81	M77A	X	-.584	-.584	0	%100
82	M77A	Z	-1.011	-1.011	0	%100
83	M79A	X	-.605	-.605	0	%100
84	M79A	Z	-1.048	-1.048	0	%100
85	M81A	X	0	0	0	%100
86	M81A	Z	0	0	0	%100
87	MP1C	X	-.366	-.366	0	%100
88	MP1C	Z	-.634	-.634	0	%100
89	MP2C	X	-.366	-.366	0	%100
90	MP2C	Z	-.634	-.634	0	%100
91	MP3C	X	-.366	-.366	0	%100
92	MP3C	Z	-.634	-.634	0	%100
93	MP5C	X	-.366	-.366	0	%100
94	MP5C	Z	-.634	-.634	0	%100
95	M90	X	0	0	0	%100
96	M90	Z	0	0	0	%100
97	M95A	X	-.334	-.334	0	%100
98	M95A	Z	-.579	-.579	0	%100
99	MP1B	X	-.366	-.366	0	%100
100	MP1B	Z	-.634	-.634	0	%100
101	MP2B	X	-.366	-.366	0	%100
102	MP2B	Z	-.634	-.634	0	%100
103	MP3B	X	-.366	-.366	0	%100
104	MP3B	Z	-.634	-.634	0	%100
105	MP4B	X	-.366	-.366	0	%100
106	MP4B	Z	-.634	-.634	0	%100
107	M104	X	-.275	-.275	0	%100
108	M104	Z	-.476	-.476	0	%100
109	M109	X	0	0	0	%100
110	M109	Z	0	0	0	%100
111	M181	X	-.366	-.366	0	%100
112	M181	Z	-.634	-.634	0	%100
113	M114	X	-.255	-.255	0	%100
114	M114	Z	-.442	-.442	0	%100
115	M115	X	-.255	-.255	0	%100
116	M115	Z	-.442	-.442	0	%100
117	M116	X	-.531	-.531	0	%100
118	M116	Z	-.919	-.919	0	%100
119	M117A	X	-.321	-.321	0	%100
120	M117A	Z	-.556	-.556	0	%100
121	M120	X	-.321	-.321	0	%100
122	M120	Z	-.556	-.556	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,%]
123	MP4C	X	-.366	-.366	0	%100
124	MP4C	Z	-.634	-.634	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	M43	Y	-2.356	-4.541	0	.793
2	M43	Y	-4.541	-6.018	.793	1.586
3	M43	Y	-6.018	-7.77	1.586	2.379
4	M43	Y	-7.77	-7.475	2.379	3.172
5	M43	Y	-7.475	-4.145	3.172	3.965
6	M44	Y	-4.166	-7.563	0	.793
7	M44	Y	-7.563	-7.938	.793	1.587
8	M44	Y	-7.938	-6.372	1.587	2.38
9	M44	Y	-6.372	-4.807	2.38	3.173
10	M44	Y	-4.807	-2.16	3.173	3.967
11	M78	Y	-2.356	-4.541	0	.793
12	M78	Y	-4.541	-6.018	.793	1.586
13	M78	Y	-6.018	-7.77	1.586	2.379
14	M78	Y	-7.77	-7.475	2.379	3.172
15	M78	Y	-7.475	-4.145	3.172	3.965
16	M79	Y	-4.166	-7.563	0	.793
17	M79	Y	-7.563	-7.938	.793	1.587
18	M79	Y	-7.938	-6.372	1.587	2.38
19	M79	Y	-6.372	-4.807	2.38	3.173
20	M79	Y	-4.807	-2.16	3.173	3.967
21	M65	Y	-2.356	-4.541	0	.793
22	M65	Y	-4.541	-6.018	.793	1.586
23	M65	Y	-6.018	-7.77	1.586	2.379
24	M65	Y	-7.77	-7.475	2.379	3.172
25	M65	Y	-7.475	-4.145	3.172	3.965
26	M66	Y	-4.166	-7.563	0	.793
27	M66	Y	-7.563	-7.938	.793	1.587
28	M66	Y	-7.938	-6.372	1.587	2.38
29	M66	Y	-6.372	-4.807	2.38	3.173
30	M66	Y	-4.807	-2.16	3.173	3.967

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	M43	Y	-4.983	-9.606	0	.793
2	M43	Y	-9.606	-12.73	.793	1.586
3	M43	Y	-12.73	-16.437	1.586	2.379
4	M43	Y	-16.437	-15.812	2.379	3.172
5	M43	Y	-15.812	-8.767	3.172	3.965
6	M44	Y	-8.813	-15.998	0	.793
7	M44	Y	-15.998	-16.792	.793	1.587
8	M44	Y	-16.792	-13.48	1.587	2.38
9	M44	Y	-13.48	-10.168	2.38	3.173
10	M44	Y	-10.168	-4.57	3.173	3.967
11	M78	Y	-4.983	-9.606	0	.793
12	M78	Y	-9.606	-12.73	.793	1.586
13	M78	Y	-12.73	-16.437	1.586	2.379
14	M78	Y	-16.437	-15.812	2.379	3.172
15	M78	Y	-15.812	-8.767	3.172	3.965
16	M79	Y	-8.813	-15.998	0	.793
17	M79	Y	-15.998	-16.792	.793	1.587
18	M79	Y	-16.792	-13.48	1.587	2.38

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,%]
19	M79	Y	-13.48	-10.168	2.38	3.173
20	M79	Y	-10.168	-4.57	3.173	3.967
21	M65	Y	-4.983	-9.606	0	.793
22	M65	Y	-9.606	-12.73	.793	1.586
23	M65	Y	-12.73	-16.437	1.586	2.379
24	M65	Y	-16.437	-15.812	2.379	3.172
25	M65	Y	-15.812	-8.767	3.172	3.965
26	M66	Y	-8.813	-15.998	0	.793
27	M66	Y	-15.998	-16.792	.793	1.587
28	M66	Y	-16.792	-13.48	1.587	2.38
29	M66	Y	-13.48	-10.168	2.38	3.173
30	M66	Y	-10.168	-4.57	3.173	3.967

Member Area Loads (BLC 39 : Structure D)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N63A	N67A	N66A	N62A	Y	Two Way	-.005
2	N117	N122	N121	N116A	Y	Two Way	-.005
3	N91	N95	N94	N90	Y	Two Way	-.005

Member Area Loads (BLC 40 : Structure Di)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N63A	N67A	N66A	N62A	Y	Two Way	-.011
2	N117	N122	N121	N116A	Y	Two Way	-.011
3	N91	N95	N94	N90	Y	Two Way	-.011

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

	Member	Shape	Code Check	L...	LC	Shear Ch...	Loc[ft]	Dir	LC	phi*Pnc...	phi*Pnt...	phi*Mn ...	phi*Mn ...	Cb	Eqn
1	M20	PIPE_3.0	.148	1...	4	.093	3.927		6	21266....	65205	5.749	5.749	3..	H1-1b
2	MP1A	PIPE_2.5	.203	5....	10	.107	5.417		8	30038....	50715	3.596	3.596	2..	H1-1b
3	MP2A	PIPE_2.5	.381	5....	4	.090	5.417		5	30038....	50715	3.596	3.596	2..	H1-1b
4	MP3A	PIPE_2.5	.345	5....	4	.068	3.917		4	30038....	50715	3.596	3.596	2..	H1-1b
5	MP4A	PIPE_2.5	.217	5....	5	.145	5.417		1	30038....	50715	3.596	3.596	2..	H1-1b
6	M72A	HSS4X4X4	.161	0	10	.069	5.383	y	23	116105..	139518	16.181	16.181	1..	H1-1b
7	M73	HSS4X4X3	.181	2....	1	.059	.251	z	1	104351..	106812	12.662	12.662	1..	H1-1b
8	M74	HSS4X4X3	.187	0	12	.055	2.156	z	6	104351..	106812	12.662	12.662	1..	H1-1b
9	M75	PL1/2x6	.413	.5...	7	.230	.239	y	7	62895....	97200	1.012	12.15	1..	H1-1b
10	M78	L2x2x3	.218	3....	1	.010	3.965	y	24	10640....	23392.8	.558	1.088	1..	H2-1
11	M79	L2x2x3	.211	0	12	.014	3.967	y	19	10634....	23392.8	.558	1.096	1..	H2-1
12	M84	PL3/8x6	.286	0	7	.139	0	y	7	71260.79	72900	.57	9.113	1..	H1-1b
13	M85	PL3/8x6	.136	0	10	.053	0	y	13	71601....	72900	.57	9.113	1..	H1-1b
14	M87A	PL1/2x6	.047	.1...	1	.138	0	y	2	96648....	97200	1.012	12.15	1..	H1-1b
15	M89A	PL3/8x6	.249	0	5	.086	0	y	1	71260.79	72900	.57	9.113	1..	H1-1b
16	M90A	PL3/8x6	.122	.1...	7	.051	0	y	24	71601....	72900	.57	9.113	1..	H1-1b
17	M92	PL1/2x6	.046	.1...	9	.226	0	y	24	96648....	97200	1.012	12.15	1..	H1-1b
18	M94	PIPE_2.5	.250	1...	5	.096	14.0..		7	10819....	50715	3.596	3.596	3..	H1-1b
19	M37A	HSS4X4X4	.202	0	6	.084	5.383	y	35	116105..	139518	16.181	16.181	1..	H1-1b
20	M38	HSS4X4X3	.188	2....	10	.058	.251	z	10	104351..	106812	12.662	12.662	1..	H1-1b
21	M39	HSS4X4X3	.172	0	8	.055	2.156	z	8	104351..	106812	12.662	12.662	1..	H1-1b
22	M40	PL1/2x6	.376	.5...	3	.208	.547	y	2	62895....	97200	1.012	12.15	1..	H1-1b
23	M43	L2x2x3	.205	3....	10	.014	0	y	14	10640....	23392.8	.558	1.098	1..	H2-1
24	M44	L2x2x3	.203	0	8	.010	0	y	22	10634....	23392.8	.558	1.096	1..	H2-1
25	M49	PL3/8x6	.256	0	6	.112	0	y	10	71260.79	72900	.57	9.113	1..	H1-1b
26	M50	PL3/8x6	.129	0	6	.049	0	y	20	71601....	72900	.57	9.113	1..	H1-1b

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

	Member	Shape	Code Check	L...	LC	Shear Ch...	Loc[ft]	Dir	LC	phi*Pnc...	phi*Pnt...	phi*Mn ...	phi*Mn ...	Cb	Eqn
27	M52	PL1/2x6	.061	.1...	12	.271	0	y	35	96648....	97200	1.012	12.15	1...	H1-1b
28	M54	PL3/8x6	.448	0	12	.134	0	y	3	71260.79	72900	.57	9.113	2...	H1-1b
29	M55	PL3/8x6	.228	0	12	.061	0	y	21	71601....	72900	.57	9.113	1...	H1-1b
30	M57	PL1/2x6	.041	0	12	.152	0	y	7	96648....	97200	1.012	12.15	1...	H1-1b
31	M59	HSS4X4X4	.156	5....	5	.088	5.383	y	42	116105...	139518	16.181	16.181	2...	H1-1b
32	M60	HSS4X4X3	.186	2....	6	.055	.251	z	6	104351...	106812	12.662	12.662	1...	H1-1b
33	M61	HSS4X4X3	.182	0	4	.063	2.156	z	5	104351...	106812	12.662	12.662	1...	H1-1b
34	M62	PL1/2x6	.406	.5...	11	.218	.866	y	6	62895....	97200	1.012	12.15	1...	H1-1b
35	M65	L2x2x3	.213	3....	6	.015	0	y	23	10640....	23392.8	.558	1.098	1...	H2-1
36	M66	L2x2x3	.229	0	5	.011	3.967	y	12	10634....	23392.8	.558	1.088	1...	H2-1
37	M71	PL3/8x6	.249	0	2	.140	0	y	5	71260.79	72900	.57	9.113	1...	H1-1b
38	M72	PL3/8x6	.129	.1...	11	.060	0	y	13	71601....	72900	.57	9.113	1...	H1-1b
39	M74A	PL1/2x6	.041	.1...	6	.281	0	y	42	96648....	97200	1.012	12.15	1...	H1-1b
40	M76A	PL3/8x6	.275	0	11	.194	0	y	11	71260.79	72900	.57	9.113	1...	H1-1b
41	M77A	PL3/8x6	.119	.1...	11	.062	0	y	17	71601....	72900	.57	9.113	1...	H1-1b
42	M79A	PL1/2x6	.043	.1...	6	.148	0	y	4	96648....	97200	1.012	12.15	1...	H1-1b
43	M81A	PIPE_3.0	.135	9....	12	.075	11.9...		9	21266....	65205	5.749	5.749	3...	H1-1b
44	MP1C	PIPE_2.5	.185	5....	12	.122	1.917		3	30038....	50715	3.596	3.596	2...	H1-1b
45	MP2C	PIPE_2.5	.339	5....	12	.052	5.417		11	30038....	50715	3.596	3.596	2...	H1-1b
46	MP3C	PIPE_2.5	.283	5....	6	.049	5.417		4	30038....	50715	3.596	3.596	2...	H1-1b
47	MP5C	PIPE_2.5	.181	1....	5	.121	1.917		3	30038....	50715	3.596	3.596	2...	H1-1b
48	M90	PIPE_2.5	.187	1...	6	.101	.453		3	10819....	50715	3.596	3.596	3...	H1-1b
49	M95A	PIPE_3.0	.138	4....	8	.109	3.927		11	21266....	65205	5.749	5.749	3...	H1-1b
50	MP1B	PIPE_2.5	.197	5....	1	.153	5.417		6	30038....	50715	3.596	3.596	2...	H1-1b
51	MP2B	PIPE_2.5	.345	5....	7	.113	5.417		9	30038....	50715	3.596	3.596	2...	H1-1b
52	MP3B	PIPE_2.5	.343	5....	2	.093	5.417		12	30038....	50715	3.596	3.596	2...	H1-1b
53	MP4B	PIPE_2.5	.206	5....	8	.127	1.917		10	30038....	50715	3.596	3.596	2...	H1-1b
54	M104	PIPE_2.5	.226	.6...	1	.118	.453		11	10819....	50715	3.596	3.596	2...	H1-1b
55	M109	L3X3X4	.582	0	6	.098	0	y	12	44585....	46656	1.688	3.756	2...	H2-1
56	M181	PIPE_2.5	.109	4	12	.013	4		12	37773....	50715	3.596	3.596	2...	H1-1b
57	M114	LL2.5x2.5x...	.177	5....	17	.005	5.928	y	20	37255.3	58320	3.954	2.53	1	H1-1b*
58	M115	LL2.5x2.5x...	.160	5....	13	.006	0	z	10	37255.3	58320	3.954	2.53	1	H1-1b*
59	M116	LL2.5x2.5x...	.170	5....	21	.006	0	z	12	37255.3	58320	3.954	2.53	1	H1-1b*
60	M117A	L3X3X4	.386	1....	3	.077	1.432	y	9	44585....	46656	1.688	3.756	2...	H2-1
61	M120	L3X3X4	.403	1....	4	.081	.03	y	10	44585....	46656	1.688	3.756	2...	H2-1
62	MP4C	PIPE_2.5	.214	5....	6	.079	5.417		3	30038....	50715	3.596	3.596	2...	H1-1b

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	N112A	max	1007.87	10	560.219	19	7956.882	1	.871	22	1.952	4	.339	13
2		min	-995.3	4	90.13	1	-3243.262	7	.377	49	-2.002	10	.176	5
3	N58	max	6399.461	9	385.32	15	1424.776	3	-.046	7	2.745	12	-.074	35
4		min	-2326.693	3	27.517	9	-3770.496	9	-.497	49	-2.738	6	-.631	17
5	N86	max	3005.354	11	537.199	12	1453.873	11	.2	43	1.428	8	.961	23
6		min	-7316.332	5	-53.233	6	-3951.753	5	-.348	49	-1.41	2	.055	5
7	N178	max	5173.694	17	2825.049	17	2986.781	17	0	44	0	44	0	44
8		min	18.523	11	25.124	11	10.698	11	0	2	0	2	0	2
9	N182	max	43.166	10	2559.919	13	-266.169	7	0	51	0	4	0	10
10		min	-43.178	4	138.991	7	-5402.461	13	0	1	0	10	0	4
11	N184	max	-318.753	3	2707.914	21	2860.901	21	0	6	0	12	0	12
12		min	-4954.772	21	186.355	3	183.906	3	0	12	0	6	0	6
13	Totals:	max	6049.847	10	8557.177	23	6123.692	1						
14		min	-6049.844	4	4378.639	5	-6123.694	7						

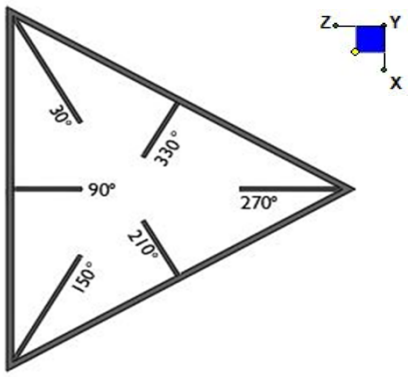
Client:	Verizon Wireless	Date:	5/4/2021
Site Name:	Bethel West 2 CT		
Project No.	20777355A		
Title:	Mount Replacement	Page:	1

Version 3.1

I. Mount-to-Tower Connection Check

RISA Model Data

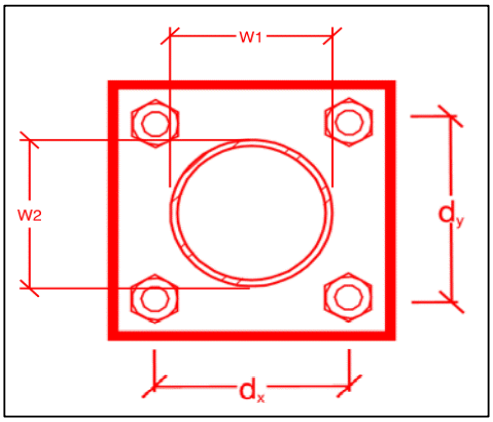
Nodes *(labeled per RISA)*	Orientation *(per graphic of typical platform)*
N112A	270
N58	30
N86	150



TYPICAL PLATFORM

Tower Connection Bolt Checks

Any moment resistance?:	Yes
Bolt Quantity per Reaction:	4
d_x (in) *(Delta X of typ. bolt config. sketch)* :	6
d_y (in) *(Delta Y of typ. bolt config. sketch)* :	6
Bolt Type:	A325N
Bolt Diameter (in):	0.625
Required Tensile Strength (kips):	13.5
Required Shear Strength (kips):	2.2
Tensile Strength / bolt (kips):	20.7
Shear Strength / bolt (kips):	12.4
Tensile Capacity Overall:	**16.3%***
Shear Capacity Overall:	**4.5%**



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

Tower Connection Plate and Weld Check

Connecting Standoff Member Shape:	Rect
Plate Width (in):	8
Plate Height (in):	8
W1 (in):	4
W2 (in):	4
Fy (ksi, plate):	35
t_{Plate} (in):	0.75
Weld Size (1/16 in):	5
Phi*Rn (kip/in):	6.96
Required Weld Strength (kip/in):	1.71
Plate Bending Capacity:	**20.9%**
Weld Capacity:	**24.6%**

Max Plate Bending Strengths

Mu_{xx} *(kip-in)* :	1.0
Phi*Mn_{xx} *(kip-in)* :	35.4
Mu_{yy} *(kip-in)* :	6.5
Phi*Mn_{yy} *(kip-in)* :	35.4

Mount Desktop – Post Modification Inspection (PMI) Report Requirements

Documents & Photos Required from Contractor – New Mount Passing MA

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, this includes safety issues.

Base Requirements:

- Any special photos outside of the standard requirements will be indicated on the passing MA
- Verification that loading is as communicated in the Mount Analysis. NOTE If loading is different than what is conveyed in the modification drawing contact Maser Consulting Connecticut immediately.
- Verification that the New Mount Installed is as specified in the MA
- 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 new mount;
- *Photos taken at Mount Elevation*
  - Photos showing each individual sector before and also after installation of equipment.
    - These photos should also certify that the placement and geometry of the equipment on the mount is as depicted on the sketch and table in the mount analysis
  - Photos showing the newly installed mount that is as specified in the Mount Analysis

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

Antenna & equipment placement and Geometry Confirmation:

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

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

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

Certifying Individual: Company _____

Name _____

Signature _____

New Mount Certification:

- The contractor must certify that the New Mount installed is as specified

☐ The contractor certifies that the New Mount installed is as specified in the Passing Mount Analysis

☐ The contractor notes that the New Mount installed is not as specified and engineering approval was received for the New Mount Installed

☐ The contractor did not install the New Mount specified in the Passing Mount Analysis

Certifying Individual: Company _____

Name _____

Signature _____

Special Instructions / Validation as required from the MA or any other issues Identified during installation:

Issue:

- **Contractor shall install proposed OVP box on a proposed 60.0" long P2.0 STD pipe mounted on the standoff between Beta and Gamma sector.**
- **Contractor shall replace all mount pipes with 96.0" long P2.5 STD pipes.**
- **Contractor shall replace proposed support rail pipes with P2.5 pipe members of equal length.**

Response:

Schedule A – Photo & Document File Structure

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

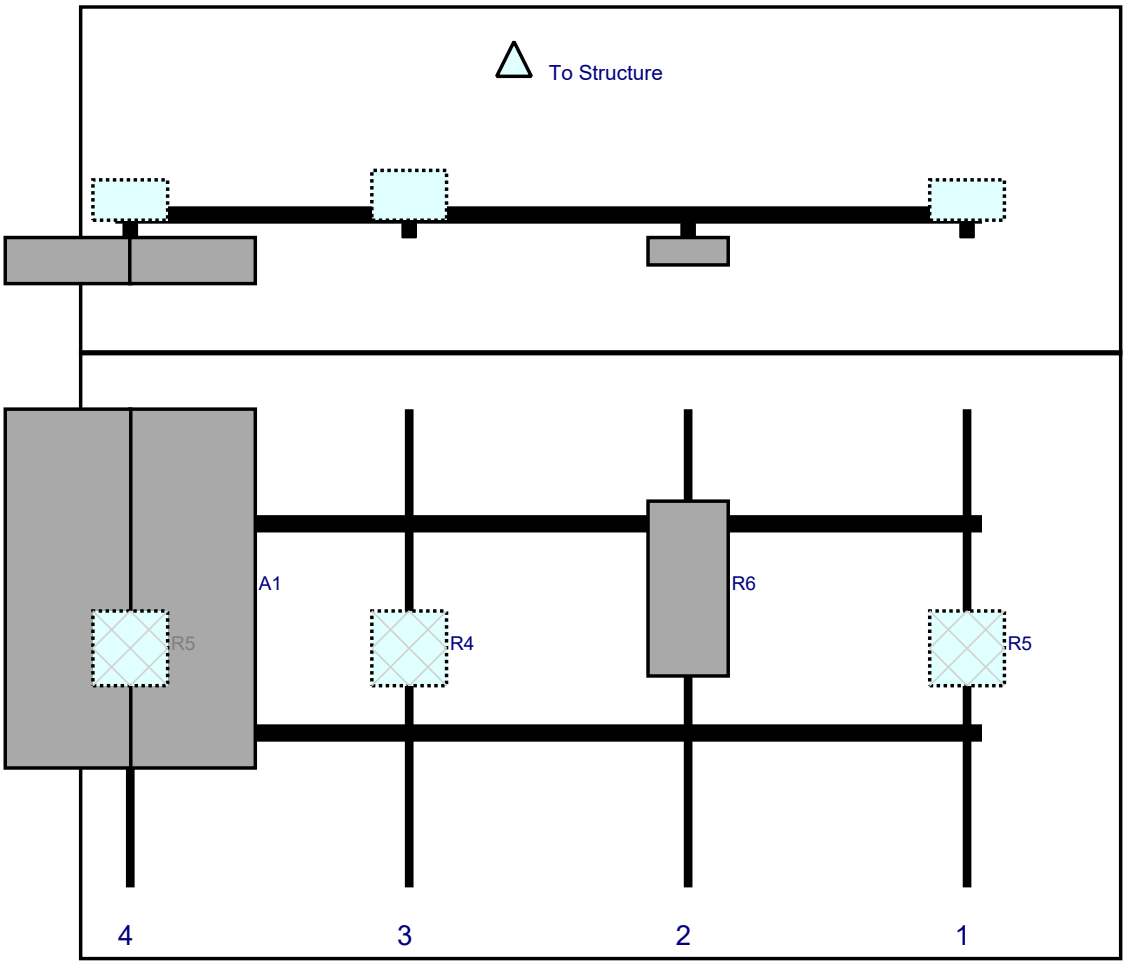
Structure: 46 6 4-VZW - Bethel West 2 CT

Sector: **A** 5/4/2021

Structure Type: Monopole

Mount Elev: 118.50 Page: 1

Plan View

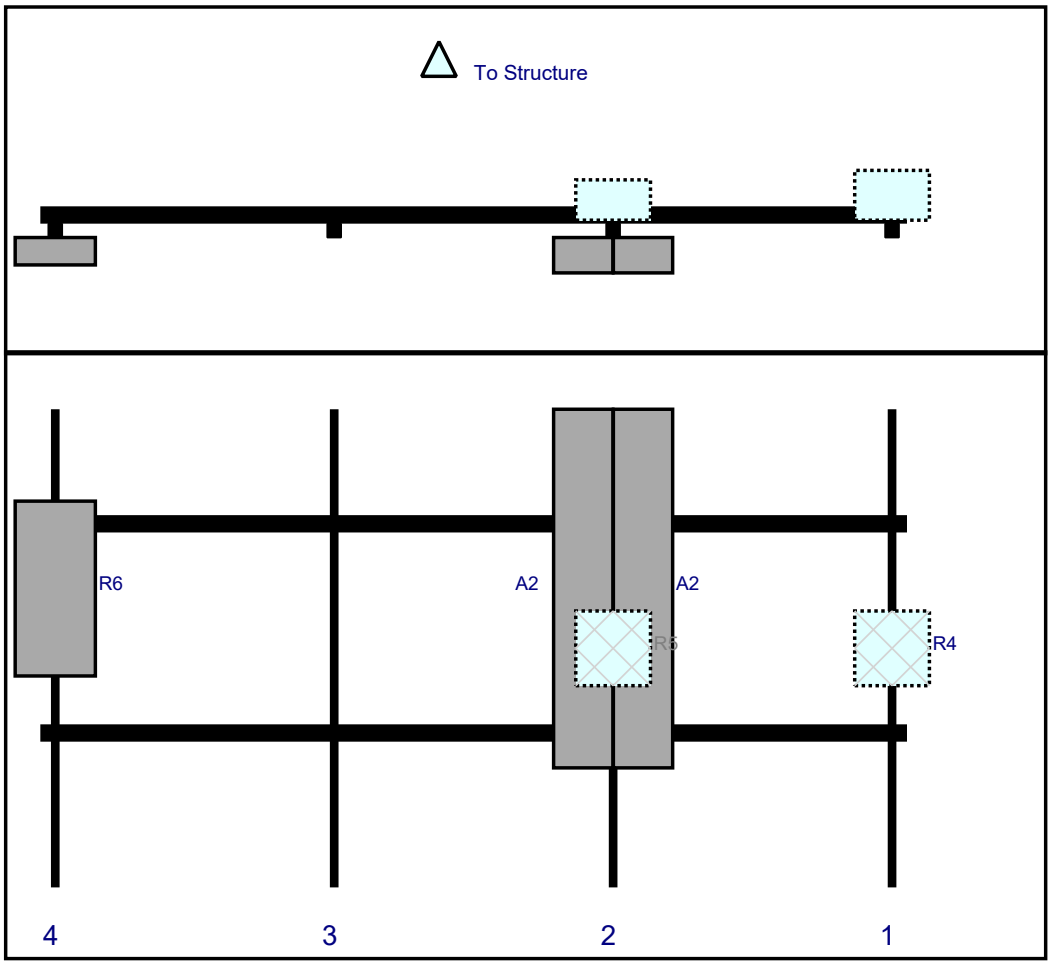


Front View
Looking at Structure

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
R5	B5/B13 RRH-BR04C	15	15	171	1	a	Behind	48	0	Added	
R6	MT6407-77A	35.1	16.1	115	2	a	Front	36	0	Added	
R4	B2/B66A RRH-BR049	15	15	59	3	a	Behind	48	0	Added	
A1	NHH-33B-R2B	72.05	25.2	3	4	a	Front	36	12.5	Added	
A1	NHH-33B-R2B	72.05	25.2	3	4	b	Front	36	-12.5	Added	
R5	B5/B13 RRH-BR04C	15	15	3	4	a	Behind	48	0	Added	

Plan View

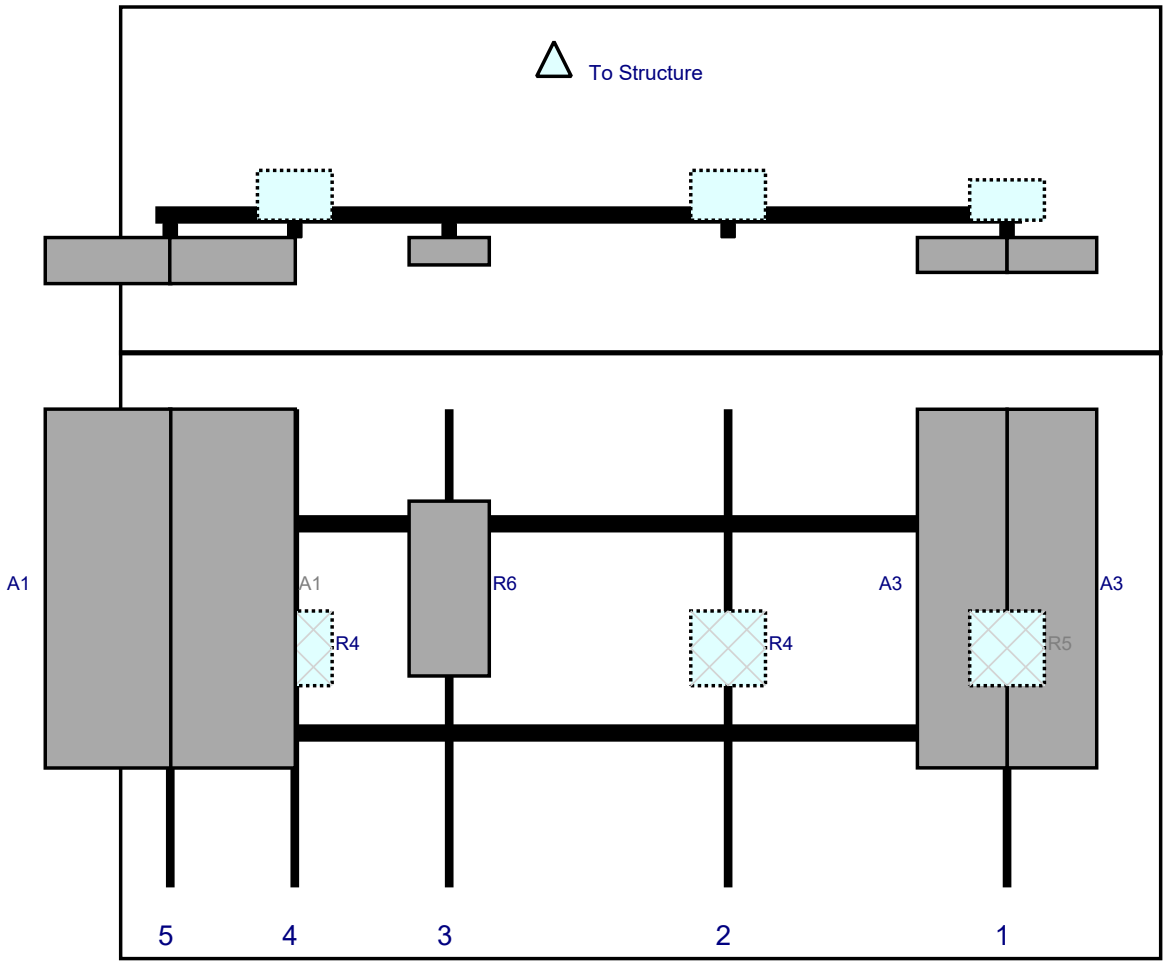
Front View
Looking at Structure



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
R4	B2/B66A RRH-BR049	15	15	171	1	a	Behind	48	0	Added	
A2	NHH-65B-R2B	72	11.9	115	2	a	Front	36	6	Added	
A2	NHH-65B-R2B	72	11.9	115	2	b	Front	36	-6	Added	
R5	B5/B13 RRH-BR04C	15	15	115	2	a	Behind	48	0	Added	
R6	MT6407-77A	35.1	16.1	3	4	a	Front	36	0	Added	

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
A3	NHH-45B-R2B	72	18	171	1	a	Front	36	9	Added	
A3	NHH-45B-R2B	72	18	171	1	b	Front	36	-9	Added	
R5	B5/B13 RRH-BR04C	15	15	171	1	a	Behind	48	0	Added	
R4	B2/B66A RRH-BR049	15	15	115	2	a	Behind	48	0	Added	
R6	MT6407-77A	35.1	16.1	59	3	a	Front	36	0	Added	
R4	B2/B66A RRH-BR049	15	15	28	4	a	Behind	48	0	Added	
A1	NHH-33B-R2B	72.05	25.2	3	5	a	Front	36	12.5	Added	
A1	NHH-33B-R2B	72.05	25.2	3	5	b	Front	36	-12.5	Added	

Maser Consulting Connecticut

Subject	TIA-222-H Usage
Site Information	Site ID: 467694-VZW / BETHEL WEST 2 CT Site Name: BETHEL WEST 2 CT Carrier Name: Verizon Wireless Address: 15 Great Pasture Road Danbury, Connecticut 06810 Fairfield County Latitude: 41.383002780° Longitude: -73.42216944°
Structure Information	Tower Type: 120-Ft Monopole Mount Type: 14.5-Ft Platform

To Whom It May Concern,

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

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

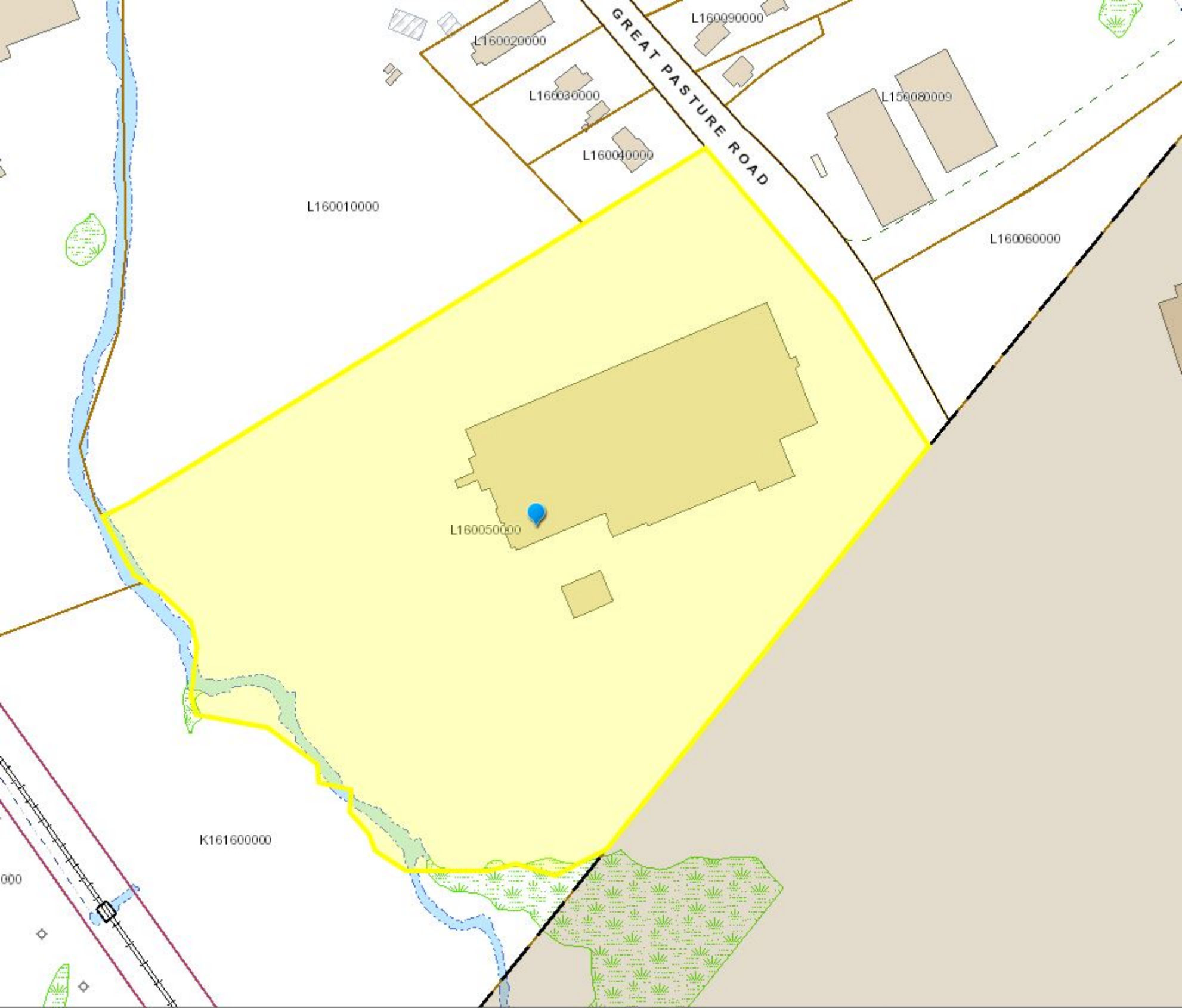
As with all ANSI standards and engineering best practice is to apply the most current revision of the standard. This ensures the engineer is applying all updates. As an example, the TIA-222-H standard includes updates to bring it in line with the latest AISC and ACI standards and it also incorporates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

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

Sincerely,

Justin Linette, PE
Sr. Technical Manager

ATTACHMENT 5


GREAT PASTURE ROAD
L160020000
L160090000
L160030000
L160080009
L160040000
L160010000
L160060000
L160050000
K161600000

Danbury,CT

15 GREAT PASTURE RD

Location
15 GREAT PASTURE RD
Mblu
L16/ / 5/ /
Acct#
Owner
EPPOLITI INDUSTRIAL REALTY INC
Assessment
$2,895,300
Appraisal
$4,135,900
PID
10559
Building Count
2

Current Value

Appraisal

Valuation Year	Improvements	Land	Total
2020	$1,975,300	$2,160,600	$4,135,900

Assessment

Valuation Year	Improvements	Land	Total
2020	$1,382,900	$1,512,400	$2,895,300

Owner of Record

Owner EPPOLITI INDUSTRIAL REALTY INC
Co-Owner
Address 37 DANBURY RD STE 203
RIDGEFIELD, CT 06877
Sale Price $0
Book & Page 2028/1121
Sale Date 02/02/2009
Instrument 06

Ownership History

Ownership History

Owner	Sale Price	Book & Page	Instrument	Sale Date
EPPOLITI INDUSTRIAL REALTY INC	$0	2028/1121	06	02/02/2009
K & E REALTY INC	$0	0858/0281		09/18/1987

Building Information
Building 1 : Section 1

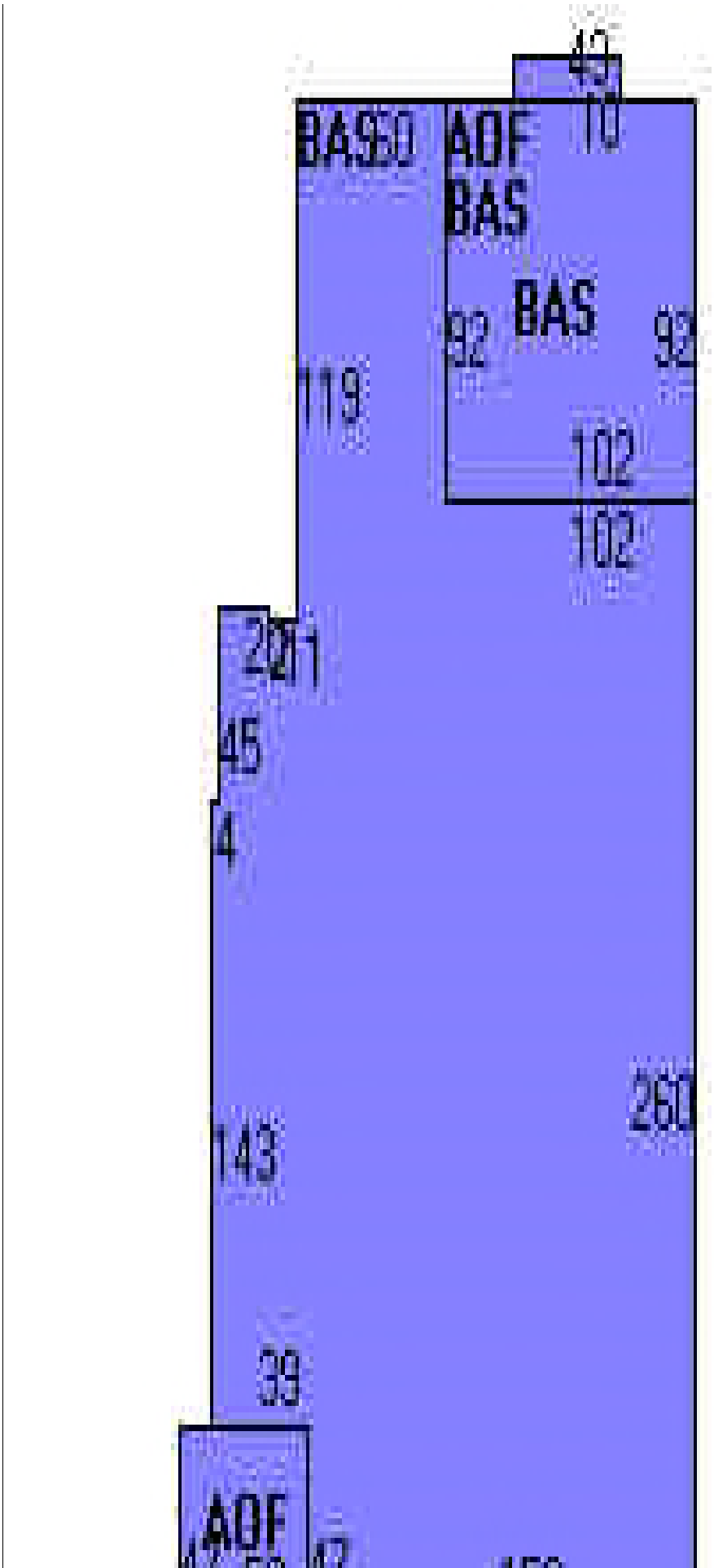
Year Built: 1958
Living Area: 83,734
Replacement Cost: $3,781,312
Building Percent Good: 45
Replacement Cost Less Depreciation: $1,701,600

Building Attributes

Field	Description
STYLE	Light Industrial
MODEL	Ind/Comm
Grade	Average
Stories:	1
Occupancy	11
Exterior Wall 1	Concr/Cinder
Exterior Wall 2	Brick/Masonry
Roof Structure	Flat
Roof Cover	Tar & Gravel
Interior Wall 1	Drywall/Sheet
Interior Wall 2	
Interior Floor 1	Vinyl/Asphalt
Interior Floor 2	Concr-Finished
Heating Fuel	Gas
Heating Type	Forced Air-Duc
AC Type	None
Bldg Use	Industrial MDL-94
Total Rooms	
Total Bedrms	
Total Baths	
1st Floor Use:	
Heat/AC	NONE
Frame Type	MASONRY
Baths/Plumbing	AVERAGE
Ceiling/Wall	CEILING ONLY
Rooms/Prtns	AVERAGE

Wall Height	16
% Comn Wall	

Building Photo


BAS
ADF
BAS
BAS
119
102
102
45
4
143
39
ADF

Building Sub-Areas (sq ft) Legend

Code	Description	Gross Area	Living Area
BAS	First Floor	63,644	63,644
AOF	Office, (Average)	20,090	20,090
		83,734	83,734

Building 2 : Section 1

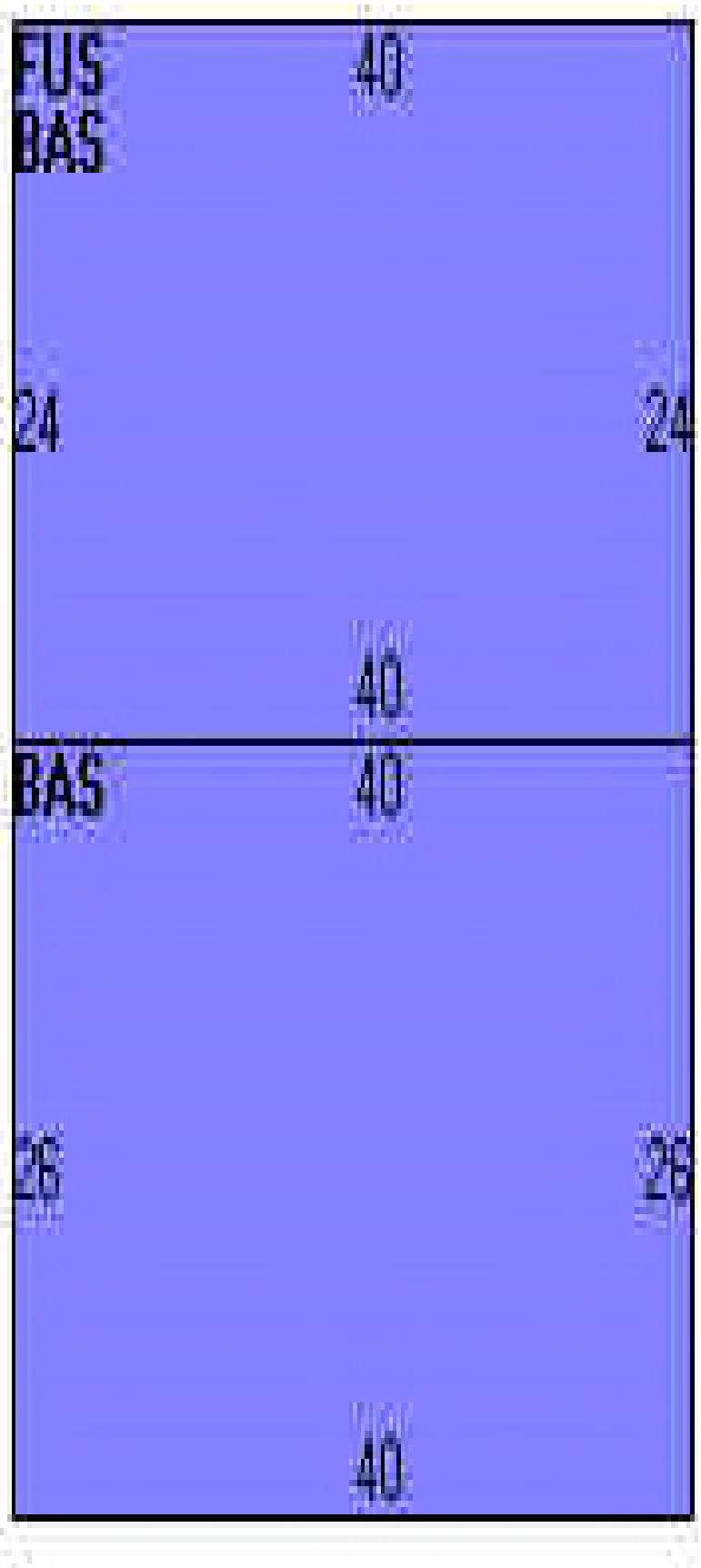
Year Built:	1980
Living Area:	2,912
Replacement Cost:	$154,220
Building Percent Good:	56
Replacement Cost Less Depreciation:	$86,400

Building Attributes : Bldg 2 of 2

Field	Description
STYLE	Warehouse
MODEL	Commercial
Grade	Average
Stories:	1
Occupancy	1
Exterior Wall 1	Stucco on Wood
Exterior Wall 2	
Roof Structure	Flat
Roof Cover	Metal/Tin
Interior Wall 1	Minim/Masonry
Interior Wall 2	
Interior Floor 1	Concr-Finished
Interior Floor 2	Carpet
Heating Fuel	Gas

Heating Type	Forced Air-Duc
AC Type	None
Bldg Use	Industrial MDL-96
Total Rooms	
Total Bedrms	
Total Baths	
1st Floor Use:	
Heat/AC	NONE
Frame Type	STEEL
Baths/Plumbing	NONE
Ceiling/Wall	CEILING ONLY
Rooms/Prtns	AVERAGE
Wall Height	24
% Comn Wall	

Building Photo


FUS
BAS
40
24
24
40
BAS
40
26
26
40

Building Sub-Areas (sq ft) Legend

Code	Description	Gross Area	Living Area
BAS	First Floor	2,000	2,000
FUS	Finished Upper Story	960	912
		2,960	2,912

Extra Features

Extra Features Legend

Code	Description	Size	Value	Bldg #
SPR1	Sprinklers-Wet	72585 S.F.	$55,100	1
A/C	Air Condition	8262 UNITS	$10,500	1
LDL1	Load Leveler	4 UNITS	$2,500	1

Land

Land Use

Use Code	300C
Description	Industrial MDL-94
Zone	IL40
Neighborhood	4000
Alt Land Appr	No
Category	

Land Line Valuation

Size (Acres)	12.63
Frontage	0
Depth	0
Assessed Value	$1,512,400
Appraised Value	$2,160,600

Outbuildings

Outbuildings Legend

Code	Description	Sub Code	Sub Description	Size	Value	Bldg #

	BLDG INFO LOST			1	$75,100	2
PAV1	Paving-Asphalt			70000 S.F.	$44,100	1

Valuation History

Appraisal

Valuation Year	Improvements	Land	Total
2019	$1,975,300	$2,160,600	$4,135,900
2018	$1,975,300	$2,160,600	$4,135,900
2017	$1,975,300	$2,160,600	$4,135,900

Assessment

Valuation Year	Improvements	Land	Total
2019	$1,382,900	$1,512,400	$2,895,300
2018	$1,382,900	$1,512,400	$2,895,300
2017	$1,382,900	$1,512,400	$2,895,300

closecloseclose

ATTACHMENT 6

BETHEL WEST 2

UNITED STATES POSTAL SERVICE®

Certificate of Mailing — Firm

Name and Address of Sender	TOTAL NO. of Pieces Listed by Sender	TOTAL NO. of Pieces Received at Post Office™	Affix Stamp Here ***Postmark with Date of Receipt.***
Kenneth C. Baldwin, Esq. Robinson & Cole LLP 280 Trumbull Street Hartford, CT 06103	3		neopost 06/09/2021 US POSTAGE $002.89⁰ ZIP 06103 041L12203937
	Postmaster, per *(name of receiving employee)*		

OLD STATE HOUSE STATION 06103 JUN - 9 2021 USPS

USPS® Tracking Number / Firm-specific Identifier	Address (Name, Street, City, State, and ZIP Code™)	Postage	Fee	Special Handling	Parcel Airlift
1.	Joseph M. Cavo, Mayor City of Danbury 155 Deer Hill Avenue Danbury, CT 06810				
2.	Sharon Calitro, Director Planning and Zoning City of Danbury 155 Deer Hill Avenue Danbury, CT 06810				
3.	Eppoliti Industrial Realty Inc. 37 Danbury Road, Suite 203 Ridgefiled, CT 06877				
4.					
5.					
6.					