Robinson+Cole

KENNETH C. BALDWIN

280 Trumbull Street Hartford, CT 06103-3597 Main (860) 275-8200 Fax (860) 275-8299 kbaldwin@rc.com Direct (860) 275-8345

Also admitted in Massachusetts and New York

July 15, 2024

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

Re: EM-VER-011-220726 and EM-VER-011-231122 – Cellco Partnership d/b/a Verizon Wireless Telecommunications Facility, 785 Park Avenue, Bloomfield, Connecticut

Completion of Construction - Bloomfield 3 (LS6 and Filter Add)

Dear Attorney Bachman:

The purpose of this letter is to notify the Siting Council that construction activity associated with both of the facility modification filings referenced above <u>has been completed</u>. Because these modifications were all completed at the same time, the November 16, 2021, Mount Analysis ("MA") included in the EM-VER-011-220726 filing has been superseded by subsequent MAs as referenced in the attached PE letter from All-Points Technology Corp. ("APT").

According to the APT letter dated May 29, 2024, all of the facility modifications were constructed in accordance with the final construction drawings dated September 8, 2023; the SA dated August 25, 2023, and the MA reports dated June 9, 2023, and July 20, 2023. Photographs of the completed improvements are also attached.

If you have any questions or need any additional information regarding this facility, please do not hesitate to contact me.

Sincerely,

Kenneth C. Baldwin

Attachment Copy to:

Aleksey Tyurin

29913494-v1



May 29, 2024

Verizon Wireless 20 Alexander Drive Wallingford, CT 06492

RE: Wireless Communications Modification Certification

Bloomfield 3 CT

785 Park Avenue, Bloomfield, CT 06002

Tower Owner: Town of Bloomfield

VZ Project/Loc Code: 20212234137/468782

VZ FUZE I.D.: 16272375 APT Filing No. CT141_12570

CSC Exempt Mod Reference No.: EM-VER-011-220726 (LS6) & EM-VER-011-231122 (Filter Add)

To Whom It May Concern,

All-Points Technology Corporation, P.C. (APT) is providing this 'Wireless Communications Modification Certification' with regard to the structural components at the above referenced project.

The following are the basis for substantiating compliance with the equipment modification documents prepared by All-Points Technology Corporation, P.C.:

- Antenna Mount Post-Modification Inspection (PMI) Report (2nd PMI) prepared by Colliers Engineering & Design, dated 05/10/2024; and
- Field observations conducted by others on 1/08/2024 for the completed modifications, which
 determined that all modifications were installed in compliance with the recommendations of the
 aforementioned design documents; and
- Review of Construction Drawings, marked Rev 6, prepared by APT dated 09/08/2023; and
- Review of Tower Structural Analysis Report prepared by APT, marked Rev 4, dated 08/25/2023; and
- Review of Antenna Mount Analysis Report and PMI Requirements (Filter Add) prepared by Colliers Engineering & Design, dated 07/20/2023.
- Review of Post-Modification Antenna Mount Analysis Report and PMI Requirements (LS6), marked Rev 1, prepared by Colliers Engineering & Design, dated 06/09/2023.

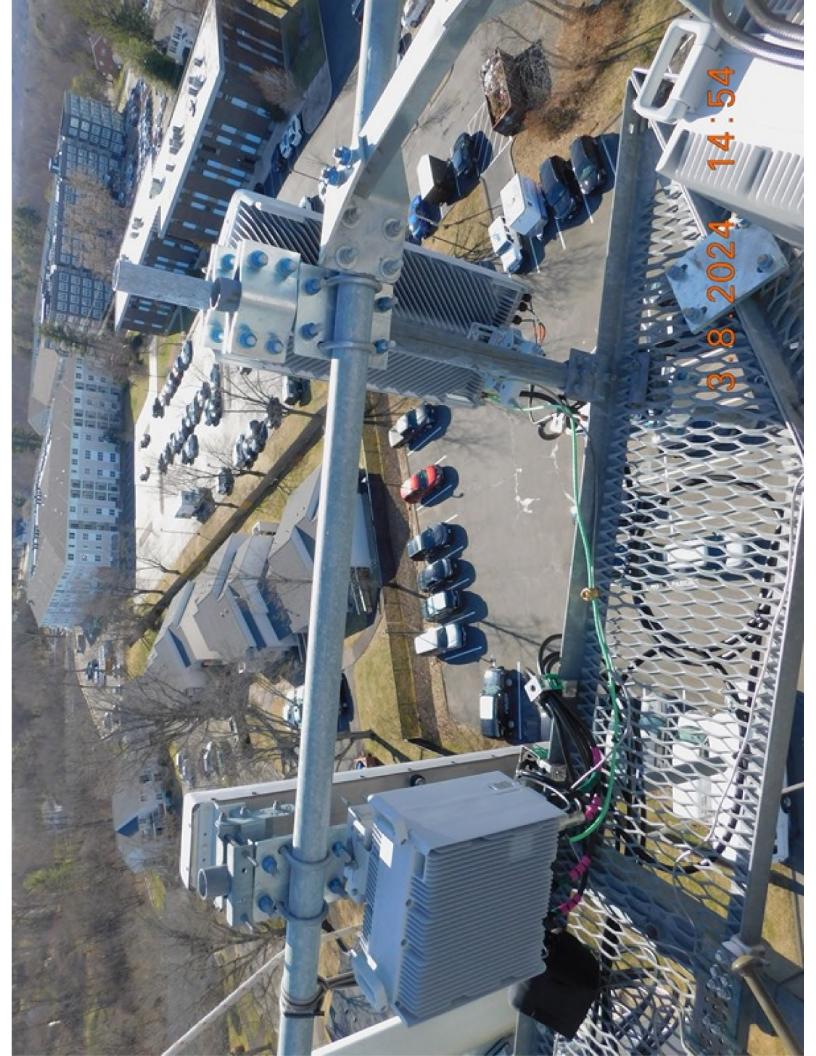
The work under this Contract has been reviewed and found, to the Engineer's best knowledge, information and belief, to be completed in general compliance with the documents referenced above. This certification is not a review of the adequacy or effectiveness of any modification/reinforcement solution.

Sincerely,

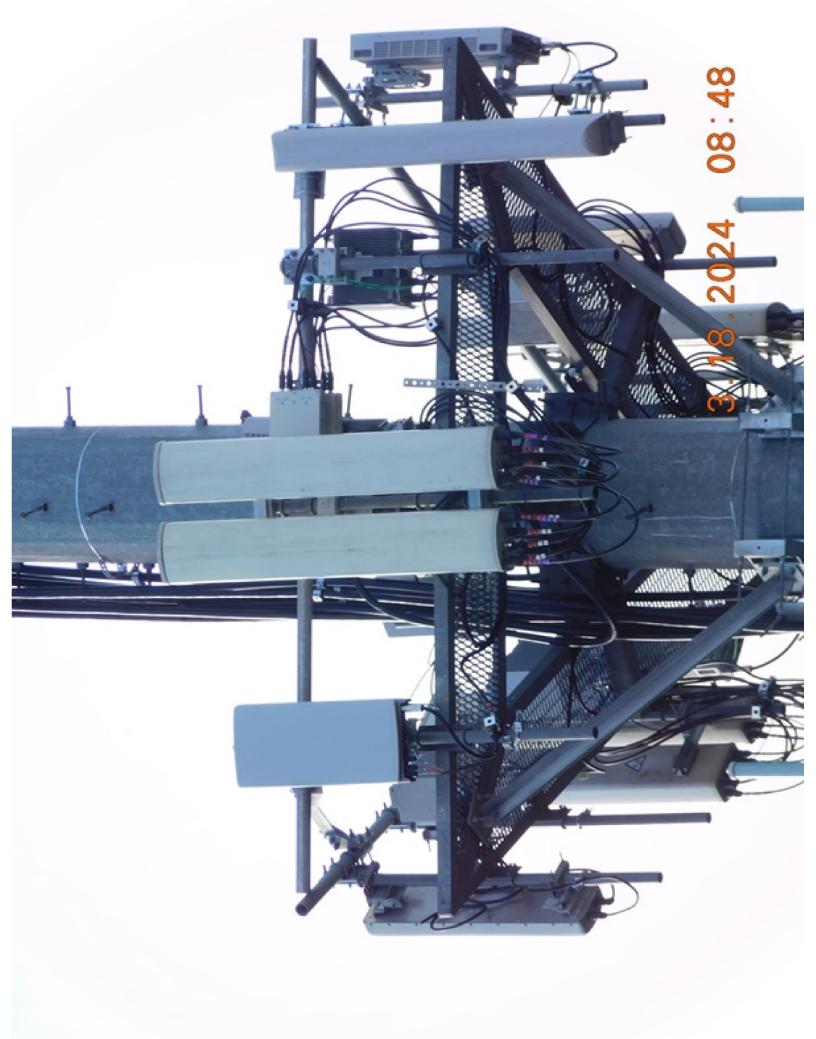
All-Points Technology Corporation, P.C.

Michael S. Trodden, P.E. Sr. Structural Engineer









verizon

WIRELESS COMMUNICATIONS FACILITY

BLOOMFIELD 3 CT 785 PARK AVENUE BLOOMFIELD, CT 06002

DRAWING INDEX

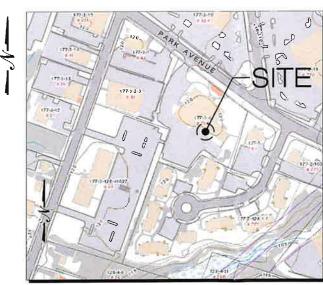
- T-1 TITLE SHEET
- C-1 COMPOUND PLAN, TOWER ELEVATION, EQUIPMENT **CONFIGURATION PLANS & ELEVATIONS.**
- **B-1 RF BILL OF MATERIALS, MECHANICAL SPECIFICATIONS & EQUIPMENT DETAILS.**
- N-1 NOTES & SPECIFICATIONS

SITE DIRECTIONS

START: 20 ALEXANDER DRIVE WALLINGFORD, CONNECTICUT 06492

END: 785 PARK AVENUE BLOOMFIELD, CT 06002

·	
1. HEAD SOUTH TOWARDS ALEXANDER DRIVE	279 F
2. SLIGHT RIGHT TOWARDS ALEXANDER DRIVE	289 F
3. TURN RIGHT TOWARDS ALEXANDER DRIVE	167 F
4. TURN RIGHT ONTO ALEXANDER DRIVE	0.3 M
5. TURN RIGHT ONTO BARNES INDUSTRIAL RD S.	0.1 M
6. TURN LEFT ONTO CT-68 E	1_6 M
7. CONTINUE STRAIGHT TO STAY ON CT-68 E	0.2 M
8. SHARP LEFT TO MERGE ONTO I-91 N TOWARD HARTFORD	0.3 M
9. MERGE ONTO I-91 N	21.5 [
10. TAKE EXIT 36 FOR CT-178/PARK AVE. TOWARD BLOOMFIELD	0.2 M
11. TURN LEFT ONTO CT-178/PARK AVE.	2.4 M
12. SLIGHT LEFT TO STAY ON CT-178 W	0.5 N
13. TAKE RIGHT TO STAY ON CT-178 W (DESTINATION WILL BE ON LEFT)	1.5 N



LOCATION MAP

SITE INFORMATION

VZ SITE NAME: BLOOMFIELD 3 CT VZ PROJ FUZE I D.: 16272375 VZ LOCATION CODE: 468782 VZ PROJECT CODE: 20212234137 LOCATION: 785 PARK AVENUE BLOOMFIELD, CT 06002

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

SITE COORDINATES AND GROUND ELEVATION

MAP-BLOCK-LOT: 177-3-6

ZONING DISTRICT: BCD (BUSINESS)

LATTTUDE: 41° 49' 42,63" N (41,8285083" N)

DBTAINED FROM GOOGLE EARTH. LONGITUDE: 72° 44′ 01.09" W (72.7336361° W)

GROUND ELEVATION: 118'± AMSL

PROPERTY OWNER: TOWN OF BLOOMFIELD

800 BLOOMFIELD AVE BLOOMFIELD, CT 06002

APPLICANT: CELLCO PARTNERSHIP d/b/a VEBIZON WIRELESS 20 ALEXANDER DRIVE

LEGAL/REGULATORY COUNSEL: ROBINSON & COLE, LLP

KENNETH C. BALDWIN, ESQ. 280 TRUMBULL STREET HARTFORD, CT 06103

WALLINGFORD, CT 06492

ENGINEER CONTACT: ALL-POINTS TECHNOLOGY CORPORATION, P.C. 567 VAUXHALL STREET EXTENSION - SUITE 311

WATERFORD, CT 06385

VERIZON SMART TOOL PROJECT #: 10044566; 10115591

Cellco Partnership d/b/a



NO DATE REVISION

0 08/06/21 FOR REVIEW: JRM 01/25/22 FOR FILING: JRM 01/26/22 FOR FILING: JRM

3 08/14/23 REV. TO ORAN RRHs FOR FILING: JRM 4 08/10/23 FILTER ADD: FOR FILING: JRM

5 08/25/23 REV. RFDS: FOR FILING: JRM



PROF: MICHAEL S. TRODDEN P.E.

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

TOWN OF BLOOMFIELD C/O POLICE STATION
ADDRESS: 800 BLOOMFIELD AVE.
BLOOMFIELD, CT 06002

BLOOMFIELD 3 CT

SITE 785 PARK AVENUE ADDRESS: BLOOMFIELD, CT 06002

APT FILING NUMBER: CT141 12570

DRAWN BY: ELZ

DATE: 08/06/21 CHECKED BY: JRM

VZ PROJECT CODE: 20212234137

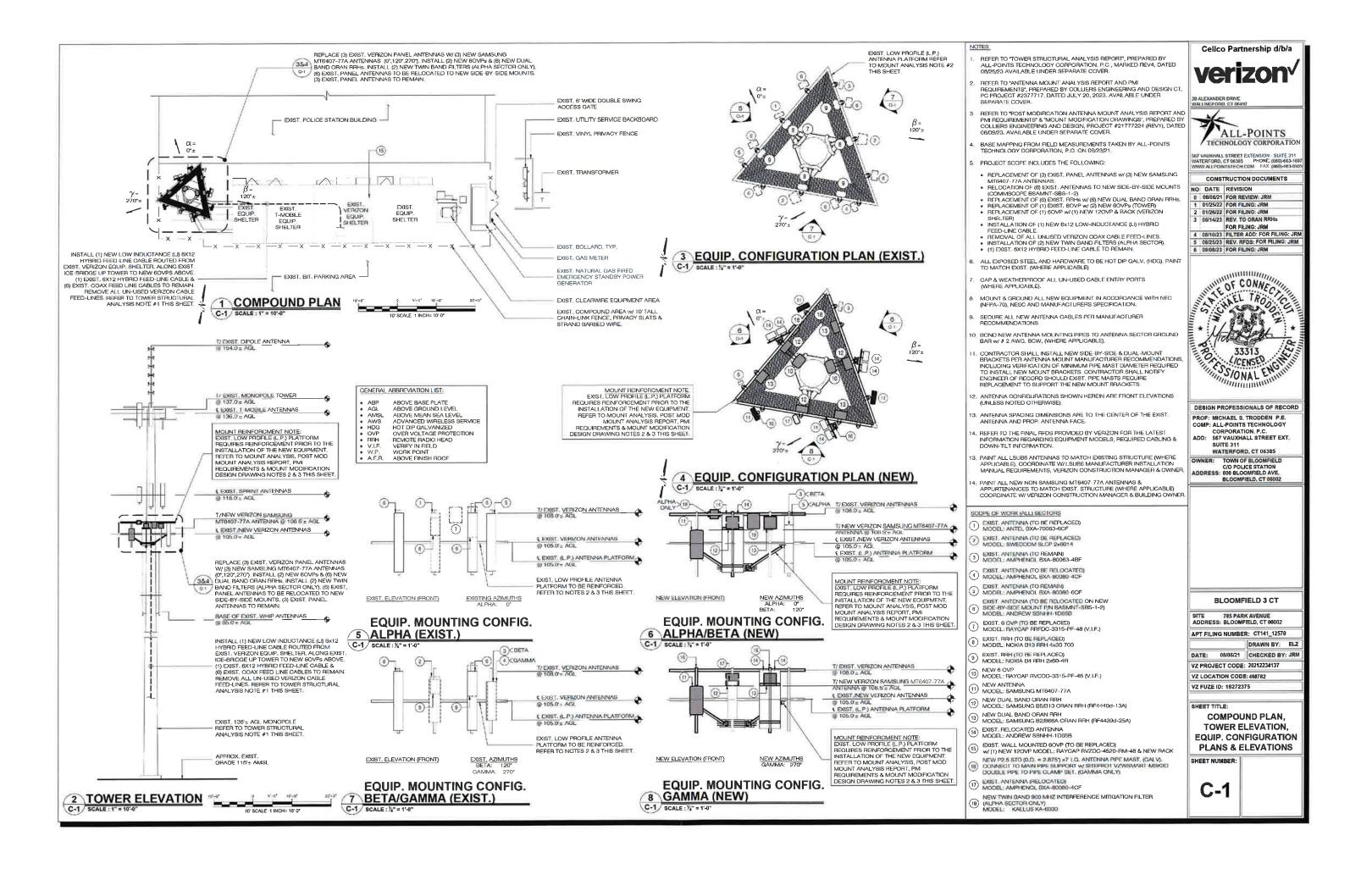
VZ LOCATION CODE: 468782

VZ FUZE ID: 16272375

TITLE SHEET

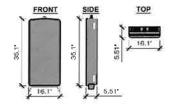
SHEET NUMBER

T-1



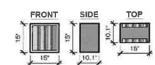
EOI IIPM	ENT SPECIFICATIONS							
SECTOR	ANTENNA MAKE/MODEL	QTY	AZIMUTH	EQUIPMENT STATUS	HEIGHT (N)	WIDTH (IN)	DEPTH (IN)	WEIGH (LBS)
	850, AMPHENOL BXA-80080-6CF	1	0,	ETR	72.6	11.2	4.6	22.0
ALPHA	700/850/1900/2100: COMMSCOPE SBNHH-1D65B	1	0,	ETR	72,9	11.9	7.1	40.6
	700-850/1900/2100 COMMSCOPE SBNHH-1D65B	1	0°	ETR	72.9	11.9	7,1	40.6
	SAMSUNG MT6407-77A		0°	NEW	35.1	16.179	5.51%	67.1
	850: AMPHENOL BXA-80063-48F	1	150*	ETR	44.6	11.2	53	12.6
BETA	700/850/1900/2100: COMMSCOPE SBNHH-1D658	3	120"	ETA	71.3	15.4	10.7	60.0
	700/850/1900/2100: COMMSCOPE SBNHH-1D65B	1	120"	ETA	71.3	15.4	10.7	60.0
	SAMSUNG MT6407-77A	- 1	120°	NEW	35,1	16.1 ^m	5.51%	67.1
	700/850/1900/2100: COMMSCOPE SBNHH-1065B		270°	ETA	71.3	15.4	10.7	60.0
GAMMA	700/850/1900/2100: COMMSCOPE SBNHH-1D65B	1	270°	ETR	71.3	15,4	10.7	60.0
	850: AMPHENOL BXA-80080-4CF	1	270°	ETR	47.4	8.0	5.9	12.0
	SAMSUNG MT6407-77A	1	270*	NEW	35.1%	16.15	55€	67.1
	APPURTENANCE MAKE/MODEL							
	SAMSUNG 82/866A ORAN RRH (RF4439d-25A)	3		NEW	15.0	15,0	10.1	74,7
	SAMSUNG B5/B13 ORAN RRH (RF4440d-13A)	3	-	NEW	15,0	15,0	9,1	70,3
	RAYCAP RHSDC-3315-PF-48	2	8	NEW	28.9	15.73	10,25	32.0
	KAELUS KA-6030 TWIN BAND FILTER	2	1 2	NEW	10.6	10.9	3.2	17.6

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ANTENNA DATA BASED ON LATTEST VERIZON RFDS,
ANTENNA CONFIGURATION AS VIEWED FROM BEHIND,
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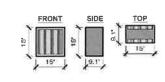


SAMSUNG MT6407-77A ANTENNA HxWxD=35 1*x16 1*x5 51" WT=87 1 Lbs

2 NEW ANTENNA DETAIL B-1 SCALE: 57" = 1"-0"

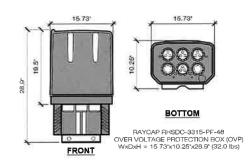


SAMSUNG DUAL HIGH BAND B2/B66A (RE4439d-25A) ORAN BEMOTE BADIO HEAD (BBH) HxWxD=15.0'x15.0'x10.1" (74.7 Lbs)



SAMSUNG DUAL LOW BAND B5/B13 (RF4440d-13A) ORAN REMOTE RADIO HEAD (RRH) HxWxD=15.0'x15.0'x9.1" (70.3 Lbs)

3 RRH EQUIPMENT DETAILS

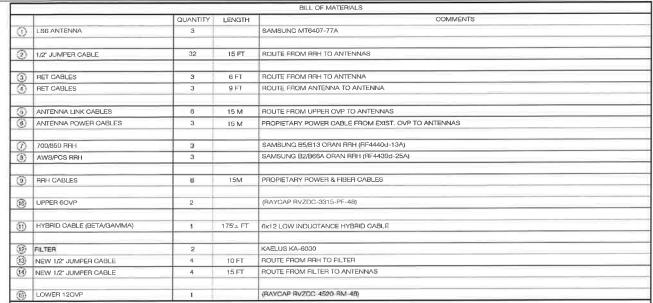






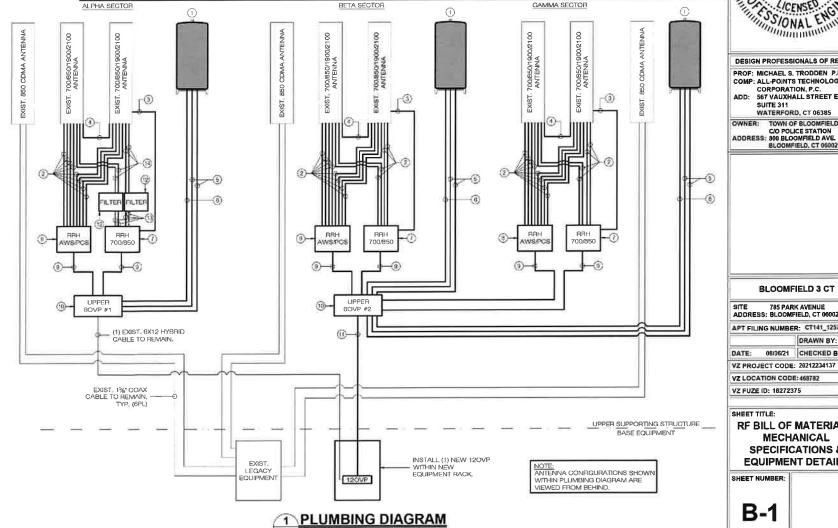
KAELUS KA-6030 TWIN BANDSTOP 900MHZ INTERFERENCE MITIGATION FILTER HxWxD=10.6'x10.9"x3.2" (17.6 Lbs)





NOTES: 1, INFORMATION SHOWN HEREON IS FOR USE BY VERIZON EQUIPMENT OPERATIONS,

1. INFORMATION S HOWN HEREON IS FOR USE BY VERIZON EQUIPMENT OPERATIONS,
2. INFORMATION IS BASED ON LATEST VERIZON FFDS,
3. "DENOTES EQUIPMENT DESIGNATED "FOR LEASING ONLY" (WHERE APPLICABLE)
4. INSTALL ALARM BOARDS AT ALL OVPS WHERE REQUIRED. COORDINATE WY VERIZON EQUIPMENT ENGINEERING,
5. INSTALL LIP-CONVERTIFIE(S) LOCATED AT BASE OVPS WHERE REQUIRED. COORDINATE WY VERIZON EQUIPMENT ENGINEERING AS NECESSARY
8. COORDINATE ANTENNA CABLING REQUIREMENTS WITH VERIZON ENGINEERING.
7. CONTRACTOR SHALL INSTALL NEW SIDE-BY-SIDE & DUAL-MOUNT BRACKETS PER ANTENNA MOUNT MANUFACTURER RECOMMENDATIONS, INCLUDING VERIFICATION OF MINIMUM PIPE MAST DIAMETER REQUIRED TO INSTALL NEW MOUNT BRACKETS. CONTRACTOR SHALL NOTIFY ENGINEER OF RECORD SHOULD EXIST, PIPE MAST REQUIRE REPLACEMENT TO SUPPORT THE NEW MOUNT BRACKETS.



S67 VAUXHALL STREET EXTENSION - SUITE 311 WATERFORD, CT 06365 PHONE: (060) 663-16 WWW ALLPOINTSTECH COM FAX (880)-863-08 CONSTRUCTION DOCUMENTS NO DATE REVISION 0 08/06/21 FOR REVIEW: JRM 01/25/22 FOR FILING: JRM 01/26/22 FOR FILING: JRM 3 08/14/23 REV. TO ORAN RRHs FOR FILING: JRM

4 08/10/23 FILTER ADD: FOR FILING: JRM

5 08/25/23 REV. RFDS: FOR FILING: JRM OF CONNEC CON. 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: TOWN OF BLOOMFIELD C/O POLICE STATION ADDRESS: 800 BLOOMFIELD AVE. BLOOMFIELD, CT 05002 **BLOOMFIELD 3 CT** SITE 785 PARK AVENUE ADDRESS: BLOOMFIELD, CT 06002 APT FILING NUMBER: CT141_12570

Cellco Partnership d/b/a

verizon^v

ALL-POINTS

TECHNOLOGY CORPORATION

DRAWN BY: ELZ

DATE: 08/06/21 CHECKED BY: JRM

RF BILL OF MATERIALS, **MECHANICAL SPECIFICATIONS &**

EQUIPMENT DETAILS

VZ LOCATION CODE: 468782

VZ FUZE ID: 16272375 SHEET TITLE:

SHEET NUMBER:

B-1

DESIGN BASIS

GOVERNING CODESCISION STANDARDS

2021 INTERNATIONAL BUILDING CODE (IBC) AS AMENDED BY THE 2022 CONNECTICUT STATE BUILDING CODE TIA-122-H (TOWER)

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S67 VAUXHALL STREET EXTENSION SUITE 311
WATERFORD, CT 06385 PHONE: (880) 663-1
WWW ALLPOINTSTECH COM FAX (860) 663-0

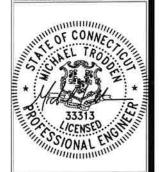
CONSTRUCTION DOCUMENTS

NO DATE REVISION

0 08/06/21 FOR REVIEW: JRM 1 01/25/22 FOR FILING: JRM 2 01/28/22 FOR EN ING- JRM

3 06/14/23 REV. TO ORAN RRHs FOR FILING: JRM 4 08/10/23 FILTER ADD: FOR FILING: JRM

5 08/25/23 REV. RFDS: FOR FILING: JRM 6 09/08/23 FOR FILING: JRM



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: TOWN OF BLOOMFIELD C/O POLICE STATION ADDRESS: 800 BLOOMFIELD AVE. BLOOMFIELD, CT 06002

BLOOMFIELD 3 CT

SITE 785 PARK AVENUE ADDRESS: BLOOMFIELD, CT 06002

APT FILING NUMBER: CT141_12570

DRAWN BY: ELZ DATE: 08/06/21 CHECKED BY: JRM

YZ PROJECT CODE: 20212234137 VZ LOCATION CODE: 468782 VZ FUZE ID: 16272375

SHEET TITLE:

NOTES& **SPECIFICATIONS**

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CONDITION ASSESSMENT & STRUCTURAL ANALYSIS REPORT 136'± MONOPOLE TOWER BLOOMFIELD, CONNECTICUT

Prepared for Verizon Wireless



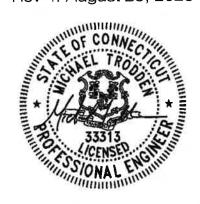
Verizon Wireless Site Ref: 468782; Bloomfield 3 CT

Site Address: 785 Park Avenue, Bloomfield, Connecticut 06002

FUZE ID: 16272375 Project Type: Modification

APT Filing No. CT141 12570

Rev. 0 January 25, 2022 Rev. 1 January 26, 2022 Rev. 2 June 14, 2023 Rev. 3 August 10, 2023 Rev 4. August 25, 2023



CONDITION ASSESSMENT & STRUCTURAL ANALYSIS REPORT 136'± MONOPOLE TOWER BLOOMFIELD, CONNECTICUT prepared for Verizon Wireless

EXECUTIVE SUMMARY:

All-Points Technology Corporation, P.C. (APT) performed a condition assessment and structural evaluation of an existing 136'± monopole tower structure to support a proposed Verizon equipment modification.

Details of the proposed equipment configuration are included within the table on the following page.

Equipment shall be installed on the existing 14' low-profile platform. The existing platform requires modification prior to the installation of the new Verizon equipment.

The results of this analysis indicate that the monopole tower structure meets the requirements of the 2021 International Building Code (IBC), as amended by the 2022 Connecticut State Building Code, and the ANSI/TIA-222-H standard with proposed equipment modification.

The existing foundation system consists of a 7-ft dia. x 32-ft long reinforced concrete caisson. An evaluation of the existing caisson was performed utilizing caisson design data and subsoil characteristics noted within a previous structural analysis report prepared by Centek Engineering dated September 10, 2018. The Centek caisson analysis was based on original tower manufacturer design information prepared by Paul J. Ford & Company on behalf of PennSummit Tubular, LLC dated September 17, 2002. The existing foundation was determined to be adequately sized to support the proposed equipment modification.

The steel component structure usage is summarized in the table below:

Elevation/Component	Capacity
Pole (88.75'-137')	61%
Anchor Bolts	58%
Base Plate	58%

INTRODUCTION:

A condition assessment and structural analysis was performed on the above-mentioned communications tower by APT for Verizon Wireless. The subject tower is located at 785 Park Avenue in Bloomfield, Connecticut.

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

- Construction Drawings prepared by APT (APT Project No. CT141_12570), marked Rev. 5 dated 08/25/23.
- Antenna Mount Analysis Report and PMI Requirements prepared by Colliers Engineering & Design CT, P.C. (Project No. 23777171), dated 07/20/23.

- Post-Modification Antenna Mount Analysis Report and PMI Requirements prepared by Colliers Engineering & Design (Project No. 21777224), marked Rev. 1, dated 06/09/23.
- Mount Modification Drawings prepared by Colliers Engineering & Design (Project No. 21777224), marked Rev. 1, dated 06/09/23.
- RFDS provided by Verizon Wireless, latest version.
- Field observations compiled during a site visit conducted by APT on 06/23/21.
- Structural Analysis Report prepared by Centek Engineering, Inc. (Project No. 18098.03) marked Rev 1, dated 09/10/18.
- Structural Analysis Report prepared by Maser Consulting Connecticut, (Maser Project No. 17924009A) dated 10/23/17.
- Structural Analysis Report prepared by Hudson Design Group, LLC, dated 05/31/17.

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

Carrier	Antenna and Appurtenance Make/Model	Elevation 1	Status 2	Mount Type	Coax/Feed- Line
	Cambium PTP400, Transtector box	140'	ETR	4' x 2-3/8" Pipe Mount	1/4"
	20' 8-Bay Dipole	137'	ETR	Center Pole	(2) 7/8"
T-Mobile	(3) Ericsson AIR32, (3) Ericsson AIR 6449 B41 & (3) RFS APXVAAARR24-43 panels, (3) Radio 4449 B71+B12 RRHs, (3) Radio 4415 B25 RRHs, (3) Twin TMAs	136'	ETR	15' Platform w/ Rails	(18) 1-5/8" ³
Sprint	(3) Andrew NNVV-65B-R4 & (3) Commscope LLPX-310 R panels, (6) FD-RRH 2x50 800 RRHs, (3) FD-RRH 4x45 1900 RRHs, 14" Microwave Dish w/ ODU	115'	ETR	(3) 6' T-Arms	(4) 1-1/4", (2) 2" conduit, 1/2"
Verizon	(6) Andrew SBNHH-1D65A, (1) Amphenol BXA-80080/4, (1) Amphenol BXA-80080/6, (1) Amphenol BXA-80063/4 & (3) Samsung MT6407-77A antennas w/ integrated RRHs, (3) Samsung B2/B68A RRH ORAN (RF4439d-25A) RRHs, (3) Samsung B5/B13 RRH ORAN (RF4440d-13A) RRHs, (2) Raycap RVZDC-3315-PF-48 OVPs, (2) Kaelus KA-6030 mitigation filters (Alpha only)	105'	ETR ETR ETR ETR P P P	14' Low-Profile Platform w/ reinforcements	(6) 1-5/8", (1) 6x12 Ll hybrid, (1) 6x12 hybrid
	(3) DB Spectra DS7C09P36U (14' Omnidirectional Whip)	85'	ETR	(3) 3' Standoffs	(3) 1-5/8"
	(3) Cambium PTP400, (2) Transtector boxes	80'	ETR	(3) 4' x 2-3/8" Pipe Mounts	(3) 1/4"
	3' Microwave Dish	75'	ETR	Chain Mount	1/2"
	14" dish w/ ODU	72'	ETR	Chain Mount, 4' x 2-3/8" Pipe Mount	1/2"

Notes:

- 1. Elevations refer to AGL.
- 2. ETR = Existing to remain; P = Proposed.
- 3. APT observed eight of T-Mobile's existing feed lines were inactive.

CONDITION ASSESSMENT:

- General Observations: The tower, an 18-sided tapered steel monopole, appeared to be in sound condition. No signs of movement or overstress of the tower were observed.
- Antenna Connections: Antenna mounting hardware was in good condition, with corrosion resistant hardware and galvanized members prevalent. <u>APT observed</u> <u>eight of T-Mobile's existing feed lines were inactive.</u>
- Base Plate: Base plate and anchor bolts appeared to be in good condition. No loose or missing nuts were observed.
- Foundation: Visible concrete appeared to be in good condition.

STRUCTURAL ANALYSIS:

Methodology:

This structural analysis has been prepared in accordance with the ANSI/TIA-222-H standard entitled "Structural Standard for Antenna Supporting Structures, Antennas and Small Wind Turbine Support Structures"; American Institute of Steel Construction (AISC) Manual of Steel Construction, and the 2021 International Building Code (IBC), as amended by the 2022 Connecticut State Building Code.

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

- Load Case 1: 130 mph (3-second gust), 0" ice (Ultimate Wind Speed)
- o Load Case 2: 50 mph (3-second gust) w/ 1.5" ice thickness
- o Load Case 3: 60 mph (3-second gust) (Service Load)
- Risk Category: III
- o Exposure Category: B
- o Topographic Category: 1

ANALYSIS RESULTS:

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

Elevation	Pole Capacity 4,5
88.75'-137'	61%
47.75'-88.75'	55%
1'-47.75'	59%
Anchor Bolts	58%
Base Plate	58%

Notes:

- 4. Based on ASTM A572 Gr. 65 tapered pole. Pole diameter and thickness vary.
- 5. Based on ASTM A572 Gr. 55 base plate. Base plate is 3.25" thick,

Foundation:

The existing foundation system consists of a 7-ft dia. x 32-ft long reinforced concrete caisson. An evaluation of the existing caisson was performed utilizing caisson design data and subsoil characteristics noted within a previous structural analysis report prepared by Centek Engineering dated September 10, 2018. The Centek caisson analysis was based on original tower manufacturer design information prepared by Paul J. Ford & Company on behalf of PennSummit Tubular, LLC dated September 17, 2002.

The calculated base reactions are indicated within the table below:

Load Effect	Calculated Reaction
Axial	38 k
Max Shear	30 k
Overturning Moment	2,590 ft-k

The caisson foundation was found to be structurally adequate:

Design Limit	Proposed Loading	Result
Moment Capacity	70%	PASS
Lateral Deflection	0.09" (7)	PASS

Notes:

- 6. Based on ASTM A572 Gr. 65 tapered pole. Pole diameter and thickness vary
- 7. Lateral deflection limited to 0.75in under service load combination per ANSI/TIA-222-H Section 9.4

CONCLUSIONS AND SUGGESTIONS:

In conclusion, our analysis indicates that the existing $136'\pm$ monopole tower structure, located at 785 Park Avenue in Bloomfield, Connecticut meets the requirements of 2021 International Building Code (IBC), as amended by the 2022 Connecticut State Building Code, and the ANSI/TIA-222-H standard with Verizon's proposed equipment modification.

Sincerely,

All-Points Technology Corp. P.C.

Michael S. Trodden, P.E. Senior Structural Engineer

Prepared By:

All-Points Technology Corp. P.C.

Ali Adair

Project Scientist

Verizon Wireless 136'± Monopole Tower, Bloomfield, CT 468782 – Bloomfield 3 August 25, 2023 ~ Rev. 4 Page 3 APT Project #CT141_12570

LIMITATIONS:

This report is based on the following:

- 1. Tower/structure is properly installed and maintained.
- 2. All members 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.
- 7. Material yield stress values as follows:

Monopole: ASTM A607 Gr. 65 Base Plate: ASTM A572 Gr. 55 Anchor Bolts: ASTM A615 Gr. 75

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 for reinforcing bracing members.
- 2. Reinforcing members in any manner.
- 3. Adding or relocating antennas.
- 4. Installing antenna mounts or waveguide cables.
- 5. Extending tower.

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 conflicts with that which is contained herein, or you are aware of any defects arising from original design, material, fabrication, or 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

Design Criteria

(Add) APPENDIX P MUNICIPALITY – SPECIFIC STRUCTURAL DESIGN PARAMETERS

:	Basic	Design V	Basic Design Wind Speeds, (mph)	ds, V	Allow	Allowable Stress Design Wind Speeds, V _{asd} (mph)	is Design 's, V_{asd}	Wind	Ground	MCE Ground Accelerations	round	Wind-Borne Debris Region ¹	ic Debris	Hurricane-
Municipality	Risk Cat. I	Risk Cat. II	Risk Cat. III	Risk Cat. IV	Risk Cat. 1	Risk Cat. II	Risk Cat. III	Risk Cat. IV	P_{g} (psf)	S _S (g)	S_I (g)	Risk Cat. III Occup. I-2	Risk Cat. IV	rrone Region
Andover	110	120	130	135	85	63	101	105	30	0.193	0.055			Yes
Ansonia	110	120	130	135	85	93	101	105	30	0.202	0.054			Yes
Ashford	110	120	130	135	85	93	101	105	35	0.181	0.055			Yes
Avon	110	120	125	130	85	93	62	101	35	0.180	0.054			Yes
Barkamsted	110	115	125	130	85	68	97	101	35	0.170	0.054			
Beacon Falls	110	120	130	135	85	93	101	105	30	0.199	0.054			Yes
Berlin	110	120	130	135	85	93	101	105	30	0.201	0.055			Yes
Bethany	110	120	130	135	85	93	101	105	30	0.199	0.054			Yes
Bethel	110	120	125	130	85	93	62	101	30	0.223	0.056			Yes
Bethlehem	110	120	125	130	85	93	67	101	35	0.186	0.054			Yes
Bloomfield	110	120	130	135	85	93	101	105	30	0.182	0.055			Yes
Bolton	110	120	130	135	85	93	101	105	30	0.191	0.055			Yes
Bozrah	115	125	135	140	68	62	105	108	30	0.197	0.054			Yes
Branford	115	125	135	135	86	67	105	105	30	0.201	0.053	Type B	Type B	Yes
Bridgeport	110	120	130	135	85	93	101	105	30	0.211	0.054		Type B	Yes
Bridgewater	110	120	125	130	85	93	97	101	35	0.201	0.055			
Bristol	110	120	130	130	85	93	101	101	35	0.188	0.054			Yes
Brookfield	110	120	125	130	85	93	62	101	30	0.210	0.055			Yes
Brooklyn	115	125	135	135	68	62	105	105	35	0.184	0.054			Yes
Burlington	110	120	125	130	85	93	62	101	35	0.180	0.054			Yes
Canaan	105	115	125	130	81	68	26	101	40	0.166	0.054			
Canterbury	115	125	135	140	68	97	105	108	30	0.187	0.054			Yes
Canton	110	120	125	130	85	93	97	101	35	0.177	0.054			Yes
Chaplin	115	125	130	135	68	97	101	105	35	0.184	0.055			Yes
Cheshire	110	120	130	135	85	93	101	105	30	0.200	0.055			Yes
Chester	115	125	135	140	68	97	105	108	30	0.213	0.055			Yes
Clinton	115	125	135	140	68	97	105	108	30	0.205	0.054	Type B	Type B	Yes
Colchester	115	125	135	135	68	97	105	105	30	0.205	0.055			Yes
Colebrook	105	115	125	130	81	68	97	101	40	0.165	0.054			
Columbia	115	125	130	135	68	97	101	105	30	0.195	0.055			Yes



ice

Results:

Ice Thickness: 1.50 in.

Concurrent Temperature: 5 F
Gust Speed 50 mph

Data Source: Standard ASCE/SEI 7-16, Figs. 10-2 through 10-8

Date Accessed: Mon May 15 2023

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

Values provided are equivalent radial ice thicknesses due to freezing rain with concurrent 3-second gust speeds, for a 500-year mean recurrence interval, and temperatures concurrent with ice thicknesses due to freezing rain. Thicknesses for ice accretions caused by other sources shall be obtained from local meteorological studies. Ice thicknesses in exposed locations at elevations higher than the surrounding terrain and in valleys and gorges may exceed the mapped values.

The ASCE 7 Hazard Tool is provided for your convenience, for informational purposes only, and is provided "as is" and without warranties of any kind. The location data included herein has been obtained from information developed, produced, and maintained by third party providers; or has been extrapolated from maps incorporated in the ASCE 7 standard. While ASCE has made every effort to use data obtained from reliable sources or methodologies, ASCE does not make any representations or warranties as to the accuracy, completeness, reliability, currency, or quality of any data provided herein. Any third-party links provided by this Tool should not be construed as an endorsement, affiliation, relationship, or sponsorship of such third-party content by or from ASCE.

ASCE does not intend, nor should anyone interpret, the results provided by this Tool to replace the sound judgment of a competent professional, having knowledge and experience in the appropriate field(s) of practice, nor to substitute for the standard of care required of such professionals in interpreting and applying the contents of this Tool or the ASCE 7 standard.

In using this Tool, you expressly assume all risks associated with your use. Under no circumstances shall ASCE or its officers, directors, employees, members, affiliates, or agents be liable to you or any other person for any direct, indirect, special, incidental, or consequential damages arising from or related to your use of, or reliance on, the Tool or any information obtained therein. To the fullest extent permitted by law, you agree to release and hold harmless ASCE from any and all liability of any nature arising out of or resulting from any use of data provided by the ASCE 7 Hazard Tool.

Appendix B

Tower Schematic

0.1875 4.00 9 11 B BB 45.00 A607-65 36,3600 18 5.9 47.8 ft 51.00 0.5000 10.6 18 1.0 ft 19.1 Socket Length (ft) Number of Sides Thickness (In) Top Dia (in) Bot Dia (in) Welght (K) Length (ft)

DESIGNED APPURTENANCE LOADING

TYPE	ELEVATION	TYPE	ELEVATION
PTP400	137	BXA-80080/4 (Verizon)	105
Translector (1101-778 ALPU-ORT)	137	MT6407-77A (Verizon)	105
4'x2 3/8" Pipe Mount	137	MT6407-77A (Verizon)	105
20' 8 Bay Dipole	137	MT6407-77A (Verizon)	105
AIR32 B66Aa/B2a (T-Mobile)	136	Samsung B2/B66A ORAN RRH	105
AIR32 B66Aa/B2a (T-Mobile)	136	(RF4439d-25A) (Verizon)	
AIR32 B66Aa/B2a (T-Mobile)	136	Samsung B2/B66A ORAN RRH	105
AIR 6449 B41 (T-Mobile)	136	(RF4439d-25A) (Verizon)	
AIR 6449 B41 (T-Mobile)	136	Samsung B2/B66A ORAN RRH (RF443Bd-25A) (Verizon)	105
AIR 6449 B41 (T-Mobile)	136	Parameter Second	105
APXVAARR 24_43 (T-Mobile)	136	Samsung 85/B13 ORAN RRH (RF4440d-13A) (Verizon)	105
APXVAARR 24_43 (T-Mobile)	136	Samsung B5/B13 ORAN RRH	105
APXVAARR 24_43 (T-Mobile)	136	(RF4440d-13A) (Verizon)	105
Radio 4449 (T-Mobile)	136	Samsung B5/B13 ORAN RRH	105
Radio 4449 (T-Mobile)	136	(RF4440d-13A) (Verizon)	11000
Radio 4449 (T-Mobile)	136	RVZDC-3315-PF-48 OVP (Verizon)	105
Radio 4415 (T-Mobile)	136	RVZDC-3315-PF-48 OVP (Verizon)	105
Radio 4415 (T-Mobile)	136	14' low-profile platform (Verizon)	105
Radio 4415 (T-Mobile)	136	3,5' L3x3 angle (Verizon)	105
Twin TMA (T-Mobile)	136	3.5' L3x3 angle (Verizon)	105
Twln TMA (T-Mobile)	136	3.5' L3x3 angle (Verizon)	105
Twin TMA (T-Mobile)	136	SitePro1 VZWSMART-PLK5 kicker kit	105
15' platform w/ralls (T-Mobile)	136	(Verizon)	V MARK
NNVV-65B-R4 (Sprint)	115	(2) 6'x2 3/8" Pipe Mount (Verizon)	105
NNVV-65B-R4 (Sprint)	115	13.5' x 2-7/8" pipe mount (Verizon)	105
NNVV-65B-R4 (Sprint)	115	13.5' x 2-7/8" pipe mount (Verizon)	105
LLPX310R-V1 (Sprint)	115	13.5' x 2-7/8" pipe mount (Verizon)	105
LLPX310R-V1 (Sprint)	115	(2) KA-6030 mitigation filter (Verizon)	105
LLPX310R-V1 (Sprint)	115	db Spectra DS7C09P36U-D	85
(2) FD-RRH-2x50-800 (Sprint)	115	db Spectra DS7C09P36U-D	85
(2) FD-RRH-2x50-800 (Sprint)	115	3' standoffs w/ HSS arms	85
(2) FD-RRH-2x50-800 (Sprint)	115	3' standoffs w/ HSS arms	85
FD-RRH-4x45-1900 (Sprint)	115	3' standoffs w/ HSS arms	85
FD-RRH-4x45-1900 (Sprint)	115	db Spectra DS7C09P36U-D	85
FD-RRH-4x45-1900 (Sprint)	115	PTP400	80
6' T-arm (Sprint)	115	PTP400	80
6 T-arm (Sprint)	115	Transtector (1101-778 ALPU-ORT)	80
5' T-arm (Sprint)	115	Transtector (1101-778 ALPU-ORT)	80
DragonWave Horizon Compact + ODU	115	4'x2 3/8" Pipe Mount	80
14° dish	115	4'x2 3/8" Pipe Mount	80
(2) 3.5' L3x3 angle (Sprint)	112	4x2 3/8" Pipe Mount	80
(2) 3.5' L3x3 angle (Sprint)	112	PTP400	80
(2) 3.5' L3x3 angle (Sprint)	112	3' dish with radome	76
(2) SBNHH-1D65A (Verizon)	105	14" dish	73
(2) SBNHH-1D65A (Verizon)	105	DragonWave Horizon Compact + ODU	72
(2) SBNHH-1D65A (Verizon)	105	4'x2 3/8" Pipe Mount	72
BXA-80080/6 (Verizon)	105		

MATERIAL STRENGTH

GRADE	Fy	Fu	GRADE	Fy	Fu
A607-65	65 ksi	80 kei			

ALL REACTIONS ARE FACTORED

AXIAL
71 K
SHEAR
6 K
607 kip-ft

TORQUE 0 kip-ft 50 mph WIND - 1:5000 in ICE

AXIAL 38 K SHEAR MOMENT 30 K 2590 kip-ft

TORQUE 0 kip-ft REACTIONS - 130 mph WIND

> All Points Technology 567 Vauxhall St. Ext., Suite 311 Waterford, CT 06385

lob: 136' Monopole Tower
Project: CT141_12570 Bloomfield 3
Client: VzW Site #468782: Bloomfield

Client: VzW Site #468782; Bloomfield 3 CT | Drawn by: AMA | App'd: Code: TIA-222-H | Date: 08/25/23 | Scale: NTS | Dwg No. E-1

Phone: (860) 663-1697 FAX: (860) 663-0935

Appendix C

Site Images

VERIZON WIRELESS
136' MONOPOLE TOWER
BLOOMFIELD, CONNECTICUT
VERIZON SITE #468782; BLOOMFIELD 3 CT



Overview photo of the existing 136' monopole tower,





Overview photos of existing equipment and mounts.



Photo of existing hatch plates and ground bar at shelter.



Photo of existing feed lines and ground bars at tower.



Additional photos of existing feed lines and ground bars at tower.



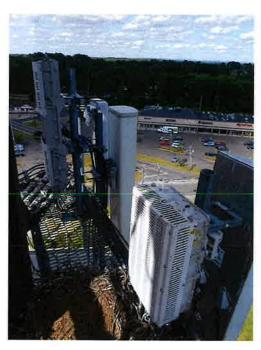


Photos of existing feed lines and ice bridges.





Photos of Verizon Wireless's typical existing equipment and mounts at 105'.







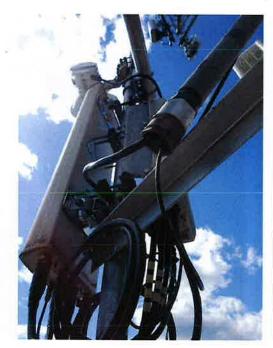
Additional photos of Verizon Wireless's typical existing equipment and mounts at 105'.







Photos of Sprint's typical existing equipment and mounts at 115'.









Additional photos of Sprint's typical existing equipment and mounts at 115'.







Photos of T-Mobile's typical existing equipment and mounts at 136'.





Additional photos of T-Mobile's typical existing equipment and mounts at 136'.





Photos of typical existing equipment and mounts.









Additional photos of typical existing equipment and mounts.







Photos of existing top mount.





Overview photos of existing ice bridges from tower.



VERIZON WIRELESS 136' MONOPOLE TOWER BLOOMFIELD, CONNECTICUT VERIZON SITE #468782; BLOOMFIELD 3 CT



Photos of typical existing base foundation.



Appendix D

Calculations

tnxTower Job Page 136' Monopole Tower 1 of 10 All Points Technology 567 Vauxhall St. Ext., Suite 311 CT141_12570 Bloomfield 3 Date 12:17:04 08/25/23

Vauxhall St. Ext., Suite 31 Waterford, CT 06385 Phone: (860) 663-1697 FAX: (860) 663-0935

V-W 0'1 #400700 Pt 5 110 0T	Designed by
VzW Site #468782; Bloomfield 3 CT	AMA

Tower Input Data

The tower is a monopole.

Description

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

The following design criteria apply:

Tower base elevation above sea level: 1.00 ft.

Client

Basic wind speed of 130 mph.

Risk Category III. Exposure Category B.

Simplified Topographic Factor Procedure for wind speed-up calculations is used.

Topographic Category: 1. Crest Height: 0.00 ft.

Nominal ice thickness of 1.5000 in.

Ice thickness is considered to increase with height.

Ice density of 56 pcf.

Sector

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

Component

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.

Exclude

Stress ratio used in pole design is 1.

Local bending stresses due to climbing loads, feed line supports, and appurtenance mounts are not considered.

Number

1/2" Ice

Start/End Width or Perimeter

0.25

Feed Line/Linear Appurtenances

Total

2007, p.1011		(From Torque Calculation	Туре	fi	Numbe		Position	Diameter in	in	plf
1 1/4		С	Yes	Surface Ar	115.00 -	4	4	0.000	0.7500		0.66
(Clearwire)				(CaAa)	6.00			0.000			
1 5/8		C	Yes	Surface Ar	136.00 -	6	6	0.000	1.9800		1.04
(T-Mobile)				(CaAa)	6.00			0.000			
Description	Face	Allow	Exclude	Component	Placemen	11	Total		$C_A A_A$	Wei	ght
1	or	Shield	Froni	Туре			Number				
	Leg		Torque Calculation		ſſ				ft²/ft	pl	f
1 5/8	C	No	Yes	Inside Pole	85.00 - 6.0	00	3 N	lo Ice	0.00	1.0)4
							17	2" Ice	0.00	1.0)4
							1	" Ice	0.00	1.0)4
								2" Ice	0.00	1.0)4
7/8	C	No	Yes	Inside Pole	137.00 - 6.	00		lo Ice	0.00	0.5	4
								2" Ice	0.00	0.5	
								" Ice	0.00	0.5	
	_							2" Ice	0.00	0.5	
1/2	C	No	Yes	Inside Pole	75.00 - 6.0	00		√o Ice	0.00	0.2	
								2" Ice	0.00	0.2	
								" Icc	0.00	0.2	
1 (2	-	3.7						2" Ice	0.00	0.2	
1/2	C	No	Yes	Inside Pole	72.00 - 6.0)()	1 N	lo Ice	0.00	0.2	2.5

Placement

tnxTower	Job	136' Monopole Tower	Page 2 of 10
All Points Technology 567 Vauxhall St. Ext., Suite 311	Project	CT141_12570 Bloomfield 3	Date 12:17:04 08/25/23
Waterford, CT 06385 Phone: (860) 663-1697 FAX: (860) 663-0935	Client	VzW Site #468782; Bloomfield 3 CT	Designed by AMA

Description	Face or Leg	Allow Shield	Exclude From Torque	Component Type	Placement ft	Total Number		C _A A _A ft²/ft	Weight plf
	Leg		Calculation		J.			JJ.	Po
			Culculation				1" Ice	0.00	0.25
							2" Ice	0.00	0.25
1/4	С	No	Yes	Inside Pole	80.00 - 6.00	3	No Ice	0.00	0.05
	•						1/2" Ice	0.00	0.05
							1" Ice	0.00	0.05
							2" Ice	0.00	0.05
1/4	C	No	Yes	Inside Pole	137.00 - 6.00	1	No Ice	0.00	0.05
	_						1/2" Ice	0.00	0.05
							1" Ice	0.00	0.05
							2" Ice	0.00	0.05
1/2	С	No	Yes	Inside Pole	115.00 - 6.00	1	No Ice	0.00	0.25
(Clearwire)							1/2" Ice	0.00	0.25
(0.000)							1" Ice	0.00	0.25
							2" Ice	0.00	0.25
2" conduit	С	No	Yes	Inside Pole	115.00 - 6.00	2	No Ice	0.00	2.00
(Clearwire)							1/2" Ice	0.00	2.00
,							1" Ice	0.00	2.00
							2" Ice	0.00	2.00
1 5/8	C	No	Yes	Inside Pole	136.00 - 6.00	12	No Ice	0.00	1.04
(T-Mobile)							1/2" Ice	0.00	1.04
,							1" Ice	0.00	1.04
							2" Ice	0.00	1.04
1 5/8	C	No	Yes	Inside Pole	104.00 - 6.00	6	No Ice	0.00	1.04
(Verizon)							1/2" Ice	0.00	1.04
` ,							1" Ice	0.00	1.04
							2" Ice	0.00	1.04
6x12 hybrid	C	No	Yes	Inside Pole	104.00 - 6.00	I	No Ice	0.00	1.88
(Verizon)							1/2" Ice	0.00	1.88
,							1" Ice	0.00	1.88
							2" Ice	0.00	1.88
6x12 LI hybrid	С	No	Yes	Inside Pole	104.00 - 6.00	1	No Ice	0.00	1.88
(Verizon)							1/2" Ice	0.00	1.88
. ,							1" Ice	0.00	1.88
							2" Ice	0.00	1.88

Discrete Tower Loads									
Description	Face or Leg	Offset Type	Offsets: Horz Lateral	Azimuth Adjustment	Placement		C _A A _A Front	$C_A A_A$ Side	Weigh
			Vert fi fi fi	٥	fi		ft²	ft²	K
PTP400	В	From Leg	0.50 0.00 4.00	0.0000	137.00	No Ice 1/2" Ice 1" Ice 2" Ice	1.75 1.92 2.09 2.46	0.48 0.58 0.69 0.92	0.02 0.03 0.04 0.08
Transtector (1101-778 ALPU-ORT)	В	From Leg	0.50 0.00 4.00	0.0000	137.00	No Ice 1/2" Ice 1" Ice 2" Ice	0.25 0.31 0.39 0.56	0.13 0.19 0.25 0.39	0.00 0.00 0.01 0.02
4'x2 3/8" Pipe Mount	В	From Leg	0.00 0.00 4.00	0.0000	137.00	No Ice 1/2" Ice 1" Ice 2" Ice	0.87 1.11 1.36 1.90	0.87 1.11 1.36 1.90	0.01 0.02 0.03 0.06
20' 8 Bay Dipole	В	From Leg	0.50 0.00	0.0000	137.00	No Ice 1/2" Ice	4.00 6.00	4.00 6.00	0.06 0.10

All Points Technology 567 Vauxhall St. Ext., Suite 311

Waterford, CT 06385 Phone: (860) 663-1697 FAX: (860) 663-0935

Job		Page
	136' Monopole Tower	3 of 10
Project		Date
	CT141_12570 Bloomfield 3	12:17:04 08/25/23
Client	N. IV. Ov. #400=00 Dt	Designed by
	VzW Site #468782; Bloomfield 3 CT	l AMA

Description	Face or	Offset Type	Offsets: Horz	Azimuth Adjustment	Placement		$C_A A_A$ Front	$C_A A_A$ Side	Weig
	Leg		Lateral Vert						
			ft ft	۰	ft		ft²	ft²	K
			ft						
			10.50			1" Ice	8.00	8.00	0.14
AIR32 B66Aa/B2a	Α	From Face	4.00	0.0000	124.00	2" Ice No Ice	12.00 6.51	12.00	0.23
(T-Mobile)	A	rioin race	0.00	0.0000	136.00	1/2" Ice		4.71	0.13
(1-MODILE)			0.00			1" Ice	6.89 7.27	5.07 5.43	0.18 0.23
			0.00			2" Ice	8.06	6.18	0.23
AIR32 B66Aa/B2a	В	From Face	4.00	0.0000	136.00	No Ice	6.51	4.71	0.13
(T-Mobile)	_		0.00	0.0000	150.00	1/2" Ice	6.89	5.07	0.18
,			0.00			1" Ice	7.27	5.43	0.23
						2" Ice	8.06	6.18	0.35
AIR32 B66Aa/B2a	C	From Face	4.00	0.0000	136.00	No Ice	6.51	4.71	0.13
(T-Mobile)			0.00			1/2" Ice	6.89	5.07	0.18
			0.00			1" Ice	7.27	5.43	0.23
						2" Ice	8.06	6.18	0.35
AIR 6449 B41	Α	From Face	4.00	0.0000	136.00	No Ice	5.68	2.49	0.13
(T-Mobile)			0.00			1/2" Ice	5.98	2.72	0.17
			0.00			l" Ice	6.29	2.95	0.21
		_				2" Ice	6.88	3.41	0.28
AIR 6449 B41	В	From Face	4.00	0.0000	136.00	No Ice	5.68	2.49	0.13
(T-Mobile)			0.00			1/2" Ice	5.98	2.72	0.17
			0.00			1" Ice	6.29	2.95	0.21
A ID (440 D41	0	Б Б	4.00	0.0000		2" Ice	6.88	3.41	0.28
AIR 6449 B41	C	From Face	4.00	0.0000	136.00	No Ice	5.68	2.49	0.13
(T-Mobile)			0.00			1/2" Ice	5.98	2.72	0.17
			0.00			1" Ice	6.29	2.95	0.21
APXVAARR 24_43	Α	From Face	4.00	0.0000	126.00	2" Ice	6.88	3.41	0.28
(T-Mobile)	Α	Pioni Pace	4.00 0.00	0.0000	136.00	No Ice 1/2" Ice	20.24 20.89	8.89 9.49	0.15
(1-1/100116)			0.00			1/2 Ice	20.89	10.09	0.27 0.39
			0.00			2" Ice	22.87	11.33	0.66
APXVAARR 24_43	В	From Face	4.00	0.0000	136.00	No Ice	20.24	8.89	0.15
(T-Mobile)			0.00	0,000	150.00	1/2" Ice	20.89	9.49	0.27
,			0.00			1" Ice	21.54	10.09	0.39
						2" Ice	22.87	11.33	0.66
APXVAARR 24_43	C	From Face	4.00	0.0000	136.00	No Ice	20.24	8.89	0.15
(T-Mobile)			0.00			1/2" Ice	20.89	9.49	0.27
			0.00			1" Ice	21.54	10.09	0.39
						2" Ice	22.87	11.33	0.66
Radio 4449	Α	From Face	3.50	0.0000	136.00	No Ice	1.65	1.16	0.08
(T-Mobile)			0.00			1/2" Ice	1.81	1.30	0.10
			0.00			1" Ice	1.98	1.45	0.11
D 41 4440	_					2" Ice	2.29	1.72	0.14
Radio 4449	В	From Face	3.50	0.0000	136.00	No Ice	1.65	1.16	0.08
(T-Mobile)			0.00			1/2" Ice	1.81	1.30	0.10
			0.00			1" Ice	1.98	1.45	0.11
Padio 4440	0	France Fr	2.50	0.0000	126.00	2" Ice	2.29	1.72	0.14
Radio 4449 (T-Mobile)	С	From Face	3.50	0.0000	136.00	No Ice	1.65	1.16	0.08
(1-MOONE)			0.00 0.00			1/2" Ice 1" Ice	1.81	1.30	0.10
			0.00				1.98	1.45	0.11
Radio 4415	Α	From Face	3.50	0.0000	136.00	2" Ice No Ice	2.29 1.64	1.72 0.68	0.14
(T-Mobile)	Λ	TOMTAGE	0.00	0.0000	130,00	1/2" Ice	1.80	0.08	0.05 0.06
(1-moone)			0.00			1" Ice	1.80	0.79	0.08
			0.00			2" Ice	2.28	1.12	0.10
Radio 4415	В	From Face	3.50	0.0000	136.00	No Ice	1.64	0.68	0.10
Kaulo ++13				0.0000		110 100	4.07	0.00	0.05
(T-Mobile)			0.00			1/2" Ice	1.80	0.79	0.06

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

Job		Page
	136' Monopole Tower	4 of 10
Project	CT141 12570 Bloomfield 3	Date 12:17:04 08/25/23
Client	01141 <u>-</u> 12070 Blooming 0	Designed by
Ollerk	VzW Site #468782; Bloomfield 3 CT	AMA

Description	Face or	Offset Type	Offsets: Horz	Azimuth Adjustment	Placement		$C_A A_A$ Front	$C_A A_A$ Side	Weight
	Leg		Lateral Vert ft	o.	ft		ft²	fi²	K
			ft ft		J.		Jŧ	<i>J.</i>	
			Ji			2" Ice	2.28	1.12	0.10
Radio 4415	C	From Face	3.50	0.0000	136.00	No Ice	1.64	0.68	0.05
(T-Mobile)			0.00			1/2" Ice	1.80	0.79	0.06
			0.00			1" Ice	1.97	0.91	0.08
			0.50	0.0000	126.00	2" Ice	2.28	1.12	0.10 0.02
Twin TMA	Α	From Face	3.50	0.0000	136.00	No Ice 1/2" Ice	0.57 0.67	0.28 0.35	0.02
(T-Mobile)			0.00 0.00			1" Ice	0.07	0.33	0.02
			0.00			2" Ice	1.00	0.43	0.04
Twin TMA	В	From Face	3.50	0.0000	136.00	No Ice	0.57	0.28	0.02
(T-Mobile)	ь	110m race	0.00	0.0000	130.00	1/2" Ice	0.67	0.35	0.02
(1-Mobile)			0.00			1" Ice	0.77	0.43	0.03
			0,00			2" Ice	1.00	0.62	0.04
Twin TMA	С	From Face	3.50	0.0000	136.00	No Ice	0.57	0.28	0.02
(T-Mobile)	_		0.00			1/2" Ice	0.67	0.35	0.02
(1 ///00/10)			0.00			1" Ice	0.77	0.43	0.03
						2" Ice	1.00	0.62	0.04
15' platform w/rails	Α	None		0.0000	136.00	No Ice	13.50	11.69	1.40
(T-Mobile)						1/2" lce	14.55	12.61	2.42
,						1" Ice	15.61	13.54	3.46
						2" Ice	17.76	15.42	5.61
NNVV-65B-R4	A	From Leg	1.00	0.0000	115.00	No Ice	12.27	5.75	0.08
(Sprint)			0.00			1/2" Ice	12.77	6.21	0.15
			0.00			1" Ice	13.27	6.67	0.23
				11 6020		2" Ice	14.29	7.62	0.41
NNVV-65B-R4	В	From Leg	1.00	0.0000	115.00	No Ice	12.27	5.75	0.08
(Sprint)			0.00			1/2" Ice	12.77	6.21	0.15
			0.00			1" Ice 2" Ice	13.27 14.29	6.67 7.62	0.23 0.41
27777 (FD D4		г т	1.00	0.0000	115.00	No Ice	12.27	5.75	0.41
NNVV-65B-R4	С	From Leg	1.00 0.00	0.0000	113.00	1/2" Ice	12.77	6.21	0.08
(Sprint)			0.00			1" Ice	13.27	6.67	0.13
			0.00			2" Ice	14.29	7.62	0.23
LLPX310R-V1	Α	From Leg	1.00	0.0000	115.00	No Ice	4.34	1.97	0.03
(Sprint)	А	1 toill Leg	0.00	0.0000	115.00	1/2" Ice	4.64	2.24	0.06
(Sprint)			0.00			1" Ice	4.94	2.52	0.09
			0.00			2" Ice	5.56	3.08	0.16
LLPX310R-V1	В	From Leg	1.00	0.0000	115.00	No Ice	4.34	1.97	0.03
(Sprint)	_		0.00			1/2" Ice	4.64	2.24	0.06
()			0.00			1" Ice	4.94	2.52	0.09
						2" Ice	5.56	3.08	0.16
LLPX310R-V1	C	From Leg	1.00	0.0000	115.00	No Ice	4.34	1.97	0.03
(Sprint)			0.00			1/2" Ice	4.64	2.24	0.06
			0.00			1" Ice	4.94	2.52	0.09
						2" Ice	5.56	3.08	0.16
(2) FD-RRH-2x50-800	Α	From Leg	0.50	0.0000	115.00	No Ice	2.13	1.79	0.05
(Sprint)			0.00			1/2" Ice	2.32	1.96	0.07
			0.00			I" Ice	2.51	2.14	0.10
(A) ND DDII C 50 000	_	F 7	0.50	0.0000	115.00	2" Ice	2.92	2.53	0.16
(2) FD-RRH-2x50-800	В	From Leg	0.50	0.0000	115.00	No Ice 1/2" Ice	2.13	1.79	0.05 0.07
(Sprint)			0.00			1/2" Ice	2.32 2.51	1.96 2.14	0.07
			0.00			2" Ice	2.92	2.53	0.16
(2) ED DDH 360 000	С	From Leg	0.50	0.0000	115.00	No Ice	2.13	1.79	0.16
(2) FD-RRH-2x50-800	C	rioni Leg	0.00	0.0000	113.00	1/2" Ice	2.13	1.79	0.03
(Sprint)			0.00			1" Ice	2.51	2.14	0.10
			0.00			1 100		2.53	0.16

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Job		Page
	136' Monopole Tower	5 of 10
Project		Date
	CT141_12570 Bloomfield 3	12:17:04 08/25/23
Client	V/W/8% #400T00 Pt	Designed by
	VzW Site #468782; Bloomfield 3 CT	AMA

Description	Face	Offset Type	Offsets: Horz	Azimuth Adjustment	Placement		$C_A A_A$ Front	$C_A A_A$ Side	Weight
	Leg		Lateral Vert						
			ft	0	ft		ft^2	ft²	K
			ft ft						
FD-RRH-4x45-1900	A	From Leg	0.50	0.0000	115.00	No Ice	2.42	2.42	0.06
(Sprint)			0.00			1/2" Ice	2.62	2.62	0.08
			0.00			1" Ice	2.84	2.84	0.11
	_					2" Ice	3.29	3.29	0.18
FD-RRH-4x45-1900	В	From Leg	0.50	0.0000	115.00	No Ice	2.42	2.42	0.06
(Sprint)			0.00			1/2" Ice	2.62	2.62	0.08
			0.00			1" Ice	2.84	2.84	0.11
ED DBH 4-45 1000	С	F I	0.50	0.0000	115.00	2" Ice	3.29	3.29	0.18
FD-RRH-4x45-1900 (Sprint)	C	From Leg	0.50 0.00	0.0000	115.00	No Ice	2.42	2.42	0.06
(Spriit)			0.00			1/2" Ice	2.62	2.62	0.08
			0.00			1" Ice 2" Ice	2.84 3.29	2.84 3.29	0.11
6' T-arm	Α	None		0.0000	115.00	No Ice	1.30	0.90	$0.18 \\ 0.07$
(Sprint)	71	TVOILE		0.0000	115.00	1/2" Ice	1.54	1.08	0.07
(Spinis)						1" Ice	1.79	1.26	0.12
						2" Ice	2.31	1.65	0.28
6' T-arm	В	None		0.0000	115.00	No Ice	3.50	1.75	0.07
(Sprint)	=			0.000	112100	1/2" Ice	4.85	2.43	0.10
` '						1" Ice	6.33	3.67	0.13
						2" Ice	8.90	4.47	0.19
6' T-arm	C	None		0.0000	115.00	No Ice	1.30	0.90	0.07
(Sprint)						1/2" Ice	1.54	1.08	0.12
, , ,						1" Ice	1.79	1.26	0.17
						2" Ice	2.31	1.65	0.28
(2) 3.5' L3x3 angle	A	None		0.0000	112.00	No Ice	1.57	1.57	0.02
(Sprint)						1/2" lce	2.00	2.00	0.03
						1" Ice	2.43	2.43	0.04
						2" Ice	3.29	3.29	0.06
(2) 3.5' L3x3 angle	В	None		0.0000	112.00	No Ice	1.57	1.57	0.02
(Sprint)						1/2" Ice	2.00	2.00	0.03
						1" Ice	2.43	2.43	0.04
	_					2" Ice	3.29	3.29	0.06
(2) 3.5' L3x3 angle	C	None		0.0000	112.00	No Ice	1.57	1.57	0.02
(Sprint)						1/2" Ice	2.00	2.00	0.03
						l" Ice	2.43	2.43	0.04
D	0	2.7		0.0000	11500	2" Ice	3.29	3.29	0.06
DragonWave Horizon	C	None		0.0000	115.00	No Ice	0.69	0.32	0.01
Compact + ODU						1/2" Ice	0.80	0.40	0.02
						1" Ice	0.91	0.48	0.02
) KA-6030 mitigation filter	Α	From Face	4.00	0.0000	105.00	2" Ice No Ice	1.16	0.68	0.04
(Verizon)	А	FIOIII Face	0.00	0.0000	103.00	1/2" Ice	0.96 1.09	0.29 0.36	0.02
(Verizon)			0.00			172 Ice 1" Ice	1.09	0.36	0.02 0.03
			0.00			2" Ice	1.50	0.43	0.03
(2) SBNHH-1D65A	Α	From Face	4.00	0.0000	105.00	No Ice	5.88	3.86	0.04
(Verizon)	21	110m 1 acc	0.00	0.0000	105.00	1/2" Ice	6.25	4.22	0.04
(verizon)			0.00			1" Ice	6.62	4.57	0.08
			0.00			2" Ice	7.38	5.29	0.13
(2) SBNHH-1D65A	В	From Face	4.00	0.0000	105.00	No Ice	5.88	3.86	0.23
(Verizon)			0.00			1/2" Ice	6.25	4.22	0.08
· · · · · · · · · · · · · · · · · · ·			0.00			1" Ice	6.62	4.57	0.13
						2" Ice	7.38	5.29	0.23
(2) SBNHH-1D65A	C	From Face	4.00	0.0000	105.00	No Ice	5.88	3.86	0.04
(Verizon)			0.00			1/2" Ice	6.25	4.22	0.08
. ,			0.00			1" Ice	6.62	4.57	0.13
						2" Ice	7.38	5.29	0.23
BXA-80080/6	Α	From Face	4.00	0.0000	105.00	No Ice	7.57	3.76	0.03

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	136' Monopole Tower	6 of 10
Project		Date
	CT141_12570 Bloomfield 3	12:17:04 08/25/23
Client		Designed by
	VzW Site #468782; Bloomfield 3 CT	l ama

Description	Face or	Offset Type	Offsets: Horz	Azimuth Adjustment	Placement		$C_A A_A$ Front	$C_A A_A$ Side	Weight
	Leg	71	Lateral	•					
			Vert ft	0	ft		ft²	ft²	K
			ft ft		<i>J.</i>		<i>J</i> *	J.	
(Verizon)			0.00			1/2" Ice	8.02	4.19	0.07
(1012011)			0.00			1" Ice	8.47	4.63	0.11
						2" Ice	9.40	5.53	0.22
BXA-80063/4	В	From Face	4.00	0.0000	105.00	No Ice	4 .71	2.25	0.02
(Verizon)			0.00			1/2" Ice 1" Ice	5.03	2.55	0.05 0.08
			0.00			2" Ice	5.35 6.02	2.85 3.49	0.08
BXA-80080/4	С	From Face	4.00	0.0000	105.00	No Ice	4.80	2.84	0.02
(Verizon)	C	110m race	0.00	0.0000	105.00	1/2" Ice	5.12	3.15	0.05
(Vol.Zoli)			0.00			1" Ice	5.45	3.47	0.09
						2" Ice	6.13	4.09	0.17
MT6407-77A	Α	From Face	4.00	0.0000	105.00	No Ice	4.69	1.84	0.08
(Verizon)			0.00			1/2" Ice	4.98	2.06	0.11
			0.00			1" Ice	5.28	2.29	0.14
	_				105.00	2" Ice	5.89	2.77	0.22
MT6407-77A	В	From Face	4.00	0.0000	105.00	No Ice	4.69	1.84	0.08
(Verizon)			0.00			1/2" Ice 1" Ice	4.98 5.28	2.06 2.29	0.11 0.14
			0.00			2" Ice	5.89	2.29	0.14
MT6407-77A	С	From Face	4.00	0.0000	105.00	No Ice	4.69	1.84	0.22
(Verizon)	C	Pion Pace	0.00	0.0000	105.00	1/2" Ice	4.98	2.06	0.11
(Verizon)			0.00			1" Ice	5.28	2.29	0.14
			0.00			2" Ice	5.89	2.77	0.22
Samsung B2/B66A ORAN	Α	From Face	3.50	0.0000	105.00	No Ice	1.87	1.25	0.07
RRH (RF4439d-25A)			0.00			1/2" Ice	2.03	1.39	0.09
(Verizon)			0.00			I" Ice	2.21	1.54	0.11
ì						2" Ice	2.59	1.87	0.17
Samsung B2/B66A ORAN	В	From Face	3.50	0.0000	105.00	No Ice	1.87	1.25	0.07
RRH (RF4439d-25A)			0.00			1/2" Ice	2.03	1.39	0.09
(Verizon)			0.00			1" Ice	2.21	1.54	0.11
	_		2.50	0.0000	105.00	2" Ice No Ice	2.59 1.87	1.87 1.25	$0.17 \\ 0.07$
Samsung B2/B66A ORAN	С	From Face	3.50 0.00	0.0000	105.00	1/2" Ice	2.03	1.23	0.07
RRH (RF4439d-25A)			0.00			1" Ice	2.21	1.54	0.11
(Verizon)			0.00			2" Ice	2.59	1.87	0.17
Samsung B5/B13 ORAN	Α	From Face	3.50	0.0000	105.00	No Ice	1.87	1.13	0.07
RRH (RF4440d-13A)		11011111111	0.00	******		1/2" Ice	2.03	1.27	0.09
(Verizon)			0.00			1" Ice	2.21	1.41	0.11
(*)						2" Ice	2.59	1.72	0.16
Samsung B5/B13 ORAN	В	From Face	3.50	0.0000	105.00	No Ice	1.87	1.13	0.07
RRH (RF4440d-13A)			0.00			1/2" Ice	2.03	1.27	0.09
(Verizon)			0.00			1" Ice	2.21	1.41	0.11
	_				40.500	2" Ice	2.59	1.72	0.16
Samsung B5/B13 ORAN	C	From Face	3.50	0.0000	105.00	No Ice	1.87	1.13	0.07
RRH (RF4440d-13A)			0.00			1/2" Ice 1" Ice	2.03 2.21	1.27 1.41	0.09 0.11
(Verizon)			0.00			2" Ice	2.21	1.72	0.11
DATE OF AS OVE	A	None		0.0000	105.00	No Ice	3.79	2.51	0.10
RVZDC-3315-PF-48 OVP (Verizon)	Α	HOHE		0.0000	105.00	1/2" Ice	4.04	2.72	0.06
(V CI LZ OIL)						1" Ice	4.30	2.94	0.10
						2" Ice	4.84	3.41	0.18
RVZDC-3315-PF-48 OVP	С	None		0.0000	105.00	No Ice	3.79	2.51	0.03
(Verizon)	-					1/2" Ice	4.04	2.72	0.06
(1" Ice	4.30	2.94	0.10
						2" Ice	4.84	3.41	0.18
14' low-profile platform	Α	None		0.0000	105.00	No Ice	26.71	26.71	1.36
(Verizon)						1/2" Ice	31.39	31.39	1.64

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Job		Page
	136' Monopole Tower	7 of 10
Project		Date
	CT141_12570 Bloomfield 3	12:17:04 08/25/23
Client	V.M.C., #400700 PL 5 LL0 OT	Designed by
	VzW Site #468782; Bloomfield 3 CT	AMA

Description	Face or Leg	Offset Type	Offsets: Horz Lateral	Azimuth Adjustment	Placement		C _A A _A Front	$C_A A_A$ Side	Weight	
			Vert fi fi fi	0	fi		ft²	ft²	K	
						1" Ice	36.34	36.34	2.00	
						2" Ice	45.43	45.43	2.48	
3.5' L3x3 angle	A	None		0.0000	105.00	No Ice	1.57	1.57	0.02	
(Verizon)						1/2" Ice	2.00	2.00	0.03	
						1" Ice	2.43	2.43	0.04	
2.517.2.2.1		3.7		0.0000		2" Ice	3.29	3.29	0.06	
3.5' L3x3 angle	В	None		0.0000	105.00	No Ice	1.57	1.57	0.02	
(Verizon)						1/2" Ice	2.00	2.00	0.03	
						1" Ice	2.43	2.43	0.04	
2 5! I 2 v 2 cm alo	C	Mana		0.0000	105.00	2" Ice	3.29	3.29	0.06	
3.5' L3x3 angle	C	None		0.0000	105.00	No Ice	1.57	1.57	0.02	
(Verizon)						1/2" Ice	2.00	2.00	0.03	
						1" Ice 2" Ice	2.43 3.29	2.43	0.04	
itePro1 VZWSMART-PLK5	Α	None		0.0000	105.00	No Ice	3.29	3.29 3.38	0.06	
kicker kit	A	None		0.0000	105.00	1/2" Ice	5.06	5.06	0.47 0.62	
(Verizon)						1" Ice	6.75	6.75	0.62	
(Verizon)						2" Ice	10.13	10.13	1.07	
(2) 6'x2 3/8" Pipe Mount	C	None		0.0000	105.00	No Ice	1.43	1.43	0.02	
(Verizon)	C	TAORE		0.0000	105.00	1/2" Ice	1.43	1.43	0.02	
(VOIEDI)						1" Ice	2.29	2.29	0.05	
						2" Ice	3.06	3.06	0.09	
13.5' x 2-7/8" pipe mount	Α	None		0.0000	105.00	No Ice	4.03	4.03	0.11	
(Verizon)		1,0110		0.0000	105.00	1/2" Ice	5.46	5.46	0.14	
()						1" Ice	6.91	6.91	0.17	
						2" Ice	9.85	9.85	0.28	
13.5' x 2-7/8" pipe mount	В	None		0.0000	105.00	No Ice	4.03	4.03	0.11	
(Verizon)						1/2" Ice	5.46	5.46	0.14	
` ′						1" Ice	6.91	6.91	0.17	
						2" Ice	9.85	9.85	0.28	
13.5' x 2-7/8" pipe mount	C	None		0.0000	105.00	No Ice	4.03	4.03	0.11	
(Verizon)						1/2" Ice	5.46	5.46	0.14	
						1" Ice	6.91	6.91	0.17	
						2" Ice	9.85	9.85	0.28	
db Spectra DS7C09P36U-D	Α	From Leg	0.50	0.0000	85.00	No Ice	3.55	3.55	0.07	
			0.00			1/2" Ice	5.00	5.00	0.10	
			7.00			1" Ice	6.46	6.46	0.13	
						2" Ice	9.45	9.45	0.23	
db Spectra DS7C09P36U-D	В	From Leg	0.50	0.0000	85.00	No Ice	3.55	3.55	0.07	
			0.00			1/2" Ice	5.00	5.00	0.10	
			7.00			1" Ice	6.46	6.46	0.13	
						2" Ice	9.45	9.45	0.23	
db Spectra DS7C09P36U-D	C	From Leg	0.50	0.0000	85.00	No Ice	3.55	3.55	0.07	
			0.00			1/2" Ice	5.00	5.00	0.10	
			7.00			1" Ice	6.46	6.46	0.13	
						2" Ice	9.45	9.45	0.23	
3' standoffs w/ HSS arms	Α	None		0.0000	85.00	No Ice	1.30	1.30	0.03	
						1/2" Ice	1.57	1.57	0.05	
						1" Ice	1.86	1.86	0.06	
2) standaffs w/ IICC	D	M		0.0000	0.5.00	2" Ice	2.38	2.38	0.08	
3' standoffs w/ HSS arms	В	None		0.0000	85.00	No Ice	1.30	1.30	0.03	
						1/2" Ice	1.57	1.57	0.05	
						1" Ice	1.86	1.86	0.06	
3' standoffs w/ HSS arms	C	Mona		0.0000	05.00	2" Ice	2.38	2.38	0.08	
SITTIS CELT /W STIDDINS C	C	None		0.0000	85.00	No Ice	1.30	1.30	0.03	
						1/2" Ice	1.57	1.57	0.05	

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	136' Monopole Tower	8 of 10
Project		Date
	CT141_12570 Bloomfield 3	12:17:04 08/25/23
Client		Designed by
	VzW Site #468782; Bloomfield 3 CT	AMA

Description	Face or Leg	Offset Type	Offsets: Horz Lateral	Azimuth Adjustment	Placement		C _A A _A Front	$C_A A_A$ Side	Weigh
			Vert ft ft	0	ft		ft²	ft²	K
			ft						
						2" Ice	2.38	2.38	0.08
PTP400	A	From Leg	0.50	0.0000	80.00	No Ice	1.75	0.48	0.02
			0.00			1/2" Ice	1.92	0.58	0.03
			0.00			1" Ice	2.09	0.69	0.04
						2" Ice	2.46	0.92	0.08
PTP400	В	From Leg	0.50	0.0000	80.00	No Ice	1.75	0.48	0.02
			0.00			1/2" Ice	1.92	0.58	0.03
			0.00			1" Ice	2.09	0.69	0.04
						2" Ice	2.46	0.92	0.08
PTP400	C	From Leg	0.50	0.0000	80.00	No Ice	1.75	0.48	0.02
		_	0.00			1/2" Ice	1.92	0.58	0.03
			0.00			1" Ice	2.09	0.69	0.04
						2" Ice	2.46	0.92	0.08
Transtector (1101-778	Α	From Leg	0.50	0.0000	80.00	No Ice	0.25	0.13	0.00
ALPU-ÒRT)		-	0.00			1/2" Ice	0.31	0.19	0.00
,			0.00			1" Ice	0.39	0.25	0.01
						2" Ice	0.56	0.39	0.02
Transtector (1101-778	С	From Leg	0.50	0.0000	80.00	No Ice	0.25	0.13	0.00
ALPU-ORT)		J	0.00			1/2" Ice	0.31	0.19	0.00
,			0.00			1" Ice	0.39	0.25	0.01
						2" Ice	0.56	0.39	0.02
4'x2 3/8" Pipe Mount	Α	None		0.0000	80.00	No Ice	0.87	0.87	0.01
						1/2" lce	1.11	1.11	0.02
						1" Ice	1.36	1.36	0.03
						2" Ice	1.90	1.90	0.06
4'x2 3/8" Pipe Mount	В	None		0.0000	80.00	No Ice	0.87	0.87	0.01
	_					1/2" Ice	1.11	1.11	0.02
						1" Ice	1.36	1.36	0.03
						2" Ice	1.90	1.90	0.06
4'x2 3/8" Pipe Mount	С	None		0.0000	80.00	No Ice	0.87	0.87	0.01
The Brown in the Control of the Cont	_					1/2" Ice	1.11	1.11	0.02
						1" Ice	1.36	1.36	0.03
						2" Ice	1.90	1.90	0.06
4'x2 3/8" Pipe Mount	В	None		0.0000	72.00	No Ice	0.87	0.87	0.01
5.0 1 ipo intodite	_					1/2" Ice	1.11	1.11	0.02
						1" Ice	1.36	1.36	0.03
						2" Ice	1.90	1.90	0.06
DragonWave Horizon	В	None		0.0000	72.00	No Ice	0.69	0.32	0.01
Compact + ODU	2	110110				1/2" Ice	0.80	0.40	0.02
Compact - ODO						1" Ice	0.91	0.48	0.02
						2" Ice	1.16	0.68	0.04

Dishes

Description	Face or Leg	Dish Type	Offset Type	Offsets: Horz Lateral Vert	Azimuth Adjustment	3 dB Beam Width	Elevation	Outside Diameter		Aperture Area	Weight
				ft	0	٥	ft	ft		ft^2	K
14" dish	A	Paraboloid w/o	From	0.50	Worst		115.00	1.50	No Ice	1.77	0.03
		Radome	Leg	0.00					1/2" Ice	1.97	0.05
				0.00					1" Ice	2.18	0.06
									2" Ice	2.64	0.09
dish with radome	В	Paraboloid	From	0.50	Worst		76.00	3.00	No Ice	7.07	0.08
27017 17111 14401110	_	w/Radome	Leg	0.00					1/2" Ice	7.47	0.11

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	136' Monopole Tower	9 of 10
Project		Date
	CT141_12570 Bloomfield 3	12:17:04 08/25/23
Client		Designed by
	VzW Site #468782; Bloomfield 3 CT	AMA

Description	Face or Leg	Dish Type	Offset Type	Offsets: Horz Lateral Vert	Azimuth Adjustment	3 dB Beam Width	Elevation	Outside Diameter		Aperture Area	Weight
				ft	0	۰	ft	ft		ft²	K
				0.00					1" Ice	7.86	0.15
									2" Ice	8.66	0.23
14" dish	В	Paraboloid w/o	From	0.50	Worst		73.00	1.50	No Ice	1.77	0.03
		Radome	Leg	0.00					1/2" Ice	1.97	0.05
				0.00					1" Ice	2.18	0.06
									2" Ice	2.64	0.09

Solution Summary

Maximum Tower Deflections - Service Wind

Section No.	Elevation	Horz. Deflection	Gov. Load	Tilt	Twist
	fi	in	Comb.	0	10
L1	137 - 88.75	15.925	55	0.9735	0.0008
L2	92.75 - 47.75	7.552	55	0.7527	0.0003
L3	52 - 1	2.377	55	0.4246	0.0001

Critical Deflections and Radius of Curvature - Service Wind

Elevation	Appurtenance	Gov.	Deflection	Tilt	Twist	Radius of
		Load				Curvature
ft		Comb.	in	0	•	ft
137.00	PTP400	55	15.925	0.9735	0.0008	64186
136.00	AIR32 B66Aa/B2a	55	15.724	0.9693	0.0008	64186
115.00	14" dish	55	11.560	0.8774	0.0005	14587
112.00	(2) 3.5' L3x3 angle	55	10.987	0.8628	0.0005	12837
105.00	(2) KA-6030 mitigation filter	55	9.684	0.8265	0.0004	10028
85.00	db Spectra DS7C09P36U-D	55	6.325	0.6982	0.0002	6780
80.00	PTP400	55	5.590	0.6601	0.0002	6507
76.00	3' dish with radome	55	5.035	0.6283	0.0002	6304
73.00	14" dish	55	4.638	0.6038	0.0002	6159
72.00	4'x2 3/8" Pipe Mount	55	4.510	0.5955	0.0002	6113

Maximum Tower Deflections - Design Wind

Section No.	Elevation	Horz. Deflection	Gov. Load	Tilt	Twist
	ft	in	Comb.	. 0	0
L1	137 - 88.75	84.079	10	5.1447	0.0041
L2	92.75 - 47.75	39.867	10	3.9777	0.0014
L3	52 - 1	12.547	10	2.2420	0.0008

Critical Deflections and Radius of Curvature - Design Wind

Elevation	Appurtenance	Gov.	Deflection	Tilt	Twist	Radius of
		Load				Curvature
fi		Comb.	in	0	0	fi
137.00	PTP400	10	84.079	5.1447	0.0041	12293

tnxTower	Job	136' Monopole Tower	Page 10 of 10
All Points Technology 67 Vauxhall St. Ext., Suite 311	Project	CT141_12570 Bloomfield 3	Date 12:17:04 08/25/23
Waterford, CT 06385 Phone: (860) 663-1697 FAX: (860) 663-0935	Client	VzW Site #468782; Bloomfield 3 CT	Designed by AMA

Elevation	Appurtenance	Gov. Load	Deflection	Tilt	Twist	Radius of Curvature
ft		Comb.	in	0	0	ft
136,00	AIR32 B66Aa/B2a	10	83.016	5.1227	0.0040	12293
115.00	14" dish	10	61.030	4.6370	0.0026	2791
112.00	(2) 3.5' L3x3 angle	10	58.004	4.5599	0.0024	2456
105.00	(2) KA-6030 mitigation filter	10	51.123	4.3676	0.0020	1917
85.00	db Spectra DS7C09P36U-D	10	33.391	3.6890	0.0012	1292
80.00	PTP400	10	29.509	3.4874	0.0011	1239
76.00	3' dish with radome	10	26.578	3.3192	0.0010	1200
73.00	14" dish	10	24.485	3.1897	0.0010	1172
72.00	4'x2 3/8" Pipe Mount	10	23.808	3.1460	0.0010	1163

Section Capacity Table

Section No.	Elevation ft	Component Type	Size	Critical Element	P K	$ otag P_{allow} $ $ otag K$	% Capacity	Pass Fail
L1 L2 L3	137 - 88.75 88.75 - 47.75 47.75 - 1	Pole Pole Pole	TP30.22x23x0.1875 TP36.36x29.2465x0.375 TP43.36x34.9382x0.5	1 2 3	-12.26 -21.65 -38.29	1024.74 2458.84 3979.10	61.4 55.3 59.4	Pass Pass Pass
	41112					Pole (L1) RATING =	Summary 61.4 61.4	Pass Pass

Program Version 8.1.1.0 - 6/3/2021 File:Z:/Shared/CT office/APT Files/VZ NE - 141 All Sites (fka CT)/Bloomfield 3 CT/Bloomfield 3 CT-CT141_12570/Engineering/Resources/Structure/Tower SA/REV 3 - Copy/tnxtower/CT141_12570 Bloomfield 3.ERI



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785 Park Avenue, Bloomfield, CT 06002

APT FILING No. CT141_12570

Grouped Anchor Bolt and Base Plate Analysis

Prepared by: JRM; Checked by: MST, P.E.

Rev 3 - 08.10.23

Input Data:		
Tower Reactions (1.2DL +1.0WL):		
Overturning Moment =	$M_u := 2590 \cdot ft \cdot kips$	(Input From tnxTower)
Axial Force =	$R_u := 38 \cdot kips$	(Input From tnxTower)
Shear Force =	$V_u = 30 \cdot kips$	(Input From tnxTower)
Anchor Bolt Data:		
Anchor Bolt Grade =	ASTM A615 Gr. 75	(User Input)
Number of Anchor Bolts =	N := 16	(User Input)
Bolt "Column" Distance =	l _{ar} := 0.75 in	(Defined as anchor rod proje from supporting structure to bottom of leveling nut)
Bolt Ultimate Stress =	F _{ub} := 100 ⋅ ksi	(User Input)
Bolt Yield Stress =	F _{yb} := 75 • ksi	(User Input)
Bolt Modulus of Elasticity =	E := 29000 • ksi	(User Input)
Nominal Diameter of Anchor Bolts =	D := 2.25 in	(User Input)
Threads per Inch =	n ≔ 4.5	(User Input)
Base Plate Data:		
Base Plate Grade =	ASTM A572 Gr. 55	(User Input)
Plate Yield Strength =	F _{yf} := 55 ∙ ksi	(User Input)
Base Plate Thickness =	$t_{TP} := 3.00 \ in$	(User Input)



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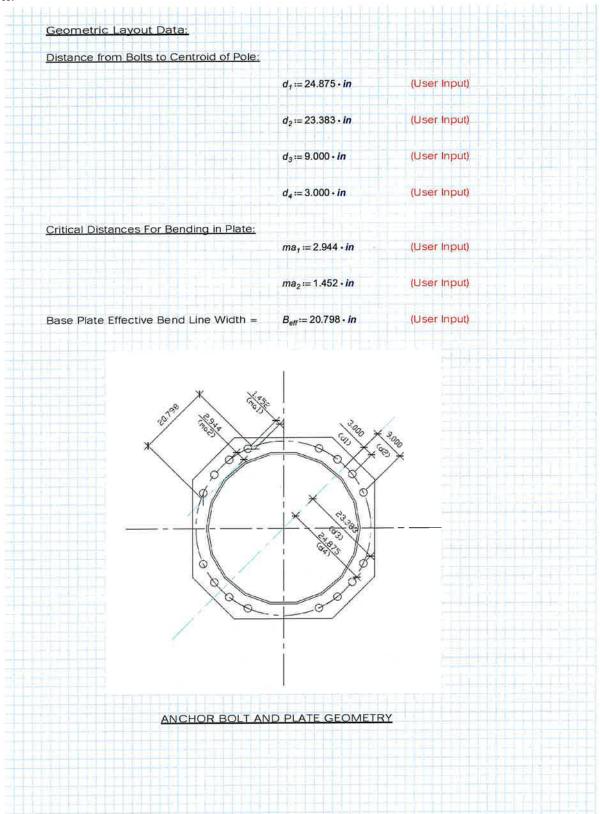
785 Park Avenue, Bloomfield, CT 06002

APT FILING No. CT141_12570

Grouped Anchor Bolt and Base Plate Analysis

Prepared by: JRM; Checked by: MST, P.E.

Rev 3 - 08.10.23



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Verizon - Bloomfield 3 CT

785 Park Avenue, Bloomfield, CT 06002

APT FILING No. CT141_12570

Grouped Anchor Bolt and Base Plate Analysis

Prepared by: JRM; Checked by: MST, P.E.

Rev 3 - 08.10.23

Anchor Bolt Analysis:

Calculated Anchor Bolt Properties:

Polar Moment of Inertia =

$$I_p := (d_1)^2 \cdot 4 + (d_2)^2 \cdot 4 + (d_3)^2 \cdot 4 + (d_4)^2 \cdot 4 = (5.022 \cdot 10^3) in^2$$

Nominal Unthreaded Area of Bolt =

$$A_g = \frac{\pi}{4} \cdot D^2 = 3.976 \ in^2$$

Net Area of Bolt =

$$A_n := \frac{\pi}{4} \cdot \left(D - \frac{0.9743 \cdot in}{n}\right)^2 = 3.248 \ in^2$$

Tensile Root Diameter =

$$D_n := D - \frac{0.9743 \cdot in}{n} = 2.033 in$$

Plastic Section Modulus of Bolt =

$$Z_x = \frac{D_{rt}^3}{6} = 1.401 \text{ in}^3$$

Rod Radius of Gyration =

$$r \coloneqq \frac{D_{rt}}{4} = 0.508 \ in$$

Rod Critical Compression Stress =

Check Anchor Bolt Tension Force:

$$P_{ut} := \left(M_u \cdot \frac{d_1}{l_p} - \frac{R_u}{N}\right) = 151.6 \text{ kips}$$

$$P_{uc} := \left(M_u \cdot \frac{d_1}{I_p} + \frac{R_u}{N}\right) = 156.32 \text{ kip}$$

$$V_{ub} := \frac{V_u}{N} = 1.88 \text{ kip}$$

$$M_{ub} := 0.65 \cdot V_{ub} \cdot l_{ar} = 0.914 \text{ in } \cdot \text{kip}$$

Anchor Bolt Strengths:

Bolt Design Tension Strength =

$$\phi_t R_{nt} := 0.75 \cdot F_{ub} \cdot A_n = 243.58 \text{ kip}$$

Bolt Design Compression Yield Strength = $\phi_c R_{nc} = 0.90 \cdot F_{vb} \cdot A_q = 268.39$ kip

Bolt Design Shear Rupture Strength =

 $\phi_{\nu}R_{n\nu} := 0.75 \cdot 0.5 \cdot F_{ub} \cdot A_{q} = 149.1 \text{ kip}$

Bolt Design Shear Yield Strength =

 $\phi_c R_{nvc} := 0.90 \cdot 0.6 \cdot 0.75 \cdot F_{vb} \cdot A_g = 120.77 \text{ kip}$

Bolt Design Buckling Strength =

 $\phi_c R_{nb} := 0.90 \cdot F_{cr} \cdot A_a = 268.29 \text{ kip}$

Bolt Design Flexural Strength =

 $\phi_t M_n := 0.90 \ F_{yb} \cdot Z_x = 94.6 \ in \cdot kip$



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785 Park Avenue, Bloomfield, CT 06002

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Grouped Anchor Bolt and Base Plate Analysis

Prepared by: JRM; Checked by: MST, P.E.

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Base Plate Analysis:

Force from Bolts =

$$P_{uct} \coloneqq \left(M_u \cdot \frac{d_t}{I_p} + \frac{R_u}{N}\right) = 156.32 \text{ kip}$$

$$P_{uc2} := \left(M_u \cdot \frac{d_2}{I_p} + \frac{R_u}{N}\right) = 147.08 \text{ kip}$$

Plate Plastic Section Modulus =

$$Z_p := \frac{B_{eff} \cdot t_{TP}^2}{4} = 46.8 \text{ in}^3$$

Plate Bending Moment =

$$M_p := 2 \cdot P_{uc1} \cdot ma_1 + 2 \cdot P_{uc2} \cdot ma_2 = 1347.52 \text{ in } \cdot \text{kip}$$

Available Plate Bending Strength =

$$\phi M_n := 0.90 \cdot F_{yf} \cdot Z_p = 2316.38 \ in \cdot kip$$

Plate Flexural Usage =

$$Usage2 := \frac{M_p}{\phi M_p} = 0.58$$

Plate Thickness Required =

$$tTP := \sqrt{\frac{4 \cdot 2 \cdot P_{uc1} \cdot ma_1 + 2 \cdot P_{uc2} \cdot ma_2}{0.9 \cdot F_{yf} \cdot B_{eff}}} = 1.998 \text{ in}$$

Anchor Bolt and Base Plate Analysis Summary:

Anchor Bolt Usage (% of Capacity) =

Usage1 = 58%

Base Plate Bending Usage (% of Capacity) =

Usage2 = 58%

LPile for Windows, Version 2022-12.009

Analysis of Individual Piles and Drilled Shafts
Subjected to Lateral Loading Using the p-y Method
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Files Used for Analysis

Path to file locations:

\Shared\CT office\APT Files\VZ NE - 141 All Sites (fka CT)\Bloomfield 3
CT\Bloomfield 3 CT - CT141_12570\Engineering\Resources\Structure\Tower SA\REV 3\Caisson\

Name of input data file: Bloomfield 3 CT.lp12d

Name of output report file: Bloomfield 3 CT.lp12o

Name of plot output file: Bloomfield 3 CT.lp12p

Name of runtime message file: Bloomfield 3 CT.lp12r

Date and Time of Analysis Date: August 10, 2023 Time: 13:37:20 Problem Title Project Name: Bloomfield 3 CT Job Number: CT141_12570 Client: Verizon Engineer: JRM Description: Caisson Analysis Program Options and Settings Computational Options: - Conventional Analysis Engineering Units Used for Data Input and Computations: - US Customary System Units (pounds, feet, inches) Analysis Control Options: 999 - Maximum number of iterations allowed = 1.0000E-05 in

= 100.0000 in

100

Loading Type and Number of Cycles of Loading:

- Deflection tolerance for convergence

- Static loading specified

- Number of pile increments

- Maximum allowable deflection

- Use of p-y modification factors for p-y curves not selected
- Analysis uses layering correction (Method of Georgiadis)
- No distributed lateral loads are entered
- Loading by lateral soil movements acting on pile not selected
- Input of shear resistance at the pile tip not selected
- Input of moment resistance at the pile tip not selected
- Computation of pile-head foundation stiffness matrix not selected
- Push-over analysis of pile not selected
- Buckling analysis of pile not selected

Output Options:

- Output files use decimal points to denote decimal symbols.
- Report only summary tables of pile-head deflection, maximum bending moment, and maximum shear force in output report file.
- No p-y curves to be computed and reported for user-specified depths
- Print using wide report formats

Pile Structural Properties and Geometry

Number of pile sections defined = 1
Total length of pile = 45.500 ft
Depth of ground surface below top of pile = 5.5000 ft

Pile diameters used for p-y curve computations are defined using 2 points.

p-y curves are computed using pile diameter values interpolated with depth over the length of the pile. A summary of values of pile diameter vs. depth follows.

	Depth Below	Pile
Point	Pile Head	Diameter
No.	feet	inches
1	0.000	72.0000
2	45.500	72.0000

Input Structural Properties for Pile Sections:

Pile Section No. 1:

Section 1 is a round drilled shaft, bored pile, or CIDH pile
Length of section = 45.500000 ft
Shaft Diameter = 72.000000 in

Soil and Rock Layering Information

The soil profile is modelled using 2 layers

Layer 1 is sand, p-y criteria by Reese et al., 1974

```
= 5.500000 ft
Distance from top of pile to top of layer
Distance from top of pile to bottom of layer
                                              = 10.500000 ft
Effective unit weight at top of layer
                                             = 33.000000 pcf
                                           = 33.000000 pcf
= 30.000000 deg.
Effective unit weight at bottom of layer
Friction angle at top of layer
Friction angle at bottom of layer
                                              = 30.000000 deg.
                                              = 60.000000 pci
Subgrade k at top of layer
                                              =
                                                    60.000000 pci
Subgrade k at bottom of layer
```

Layer 2 is sand, p-y criteria by Reese et al., 1974

```
Distance from top of pile to top of layer = 10.500000 ft
Distance from top of pile to bottom of layer = 75.000000 ft
Effective unit weight at top of layer = 39.000000 pcf
Effective unit weight at bottom of layer = 39.000000 pcf
Friction angle at top of layer = 22.000000 deg.
Friction angle at bottom of layer = 22.000000 deg.
Subgrade k at top of layer = 60.000000 pci
Subgrade k at bottom of layer = 60.000000 pci
```

(Depth of the lowest soil layer extends 29.500 ft below the pile tip)

Summary of Input Soil Properties

Layer Num.	Soil Type Name (p-y Curve Type)	Layer Depth ft	Effective Unit Wt. pcf	Angle of Friction deg.	kpy pci
1	Sand	5.5000	33.0000	30.0000	60.0000
	(Reese, et al.)	10.5000	33.0000	30.0000	60.0000
2	Sand	10.5000	39.0000	22.0000	60.0000
	(Reese, et al.)	75.0000	39.0000	22.0000	60.0000

Static Loading Type

Static loading criteria were used when computing p-y curves for all analyses.

Pile-head Loading and Pile-head Fivity Conditions

Pile-head Loading and Pile-head Fixity Conditions

Number of loads specified = 2

Load Lo	oad	Condition	Condition	Axial Thrust
Compute To	ор у	Run Analysis		
No. Ty	ype	1	2	Force, 1bs
vs. Pile	Length			

1	1	V =	29600. lbs	M =	31080000. in-lbs	38320.
Yes			Yes			
2	1	V =	5640. lbs	M =	5891780. in-lbs	31930.
Yes			Yes			

V = shear force applied normal to pile axis

M = bending moment applied to pile head

y = lateral deflection normal to pile axis

S = pile slope relative to original pile batter angle

R = rotational stiffness applied to pile head

Values of top y vs. pile lengths can be computed only for load types with specified shear loading (Load Types 1, 2, and 3).

Thrust force is assumed to be acting axially for all pile batter angles.

Computations of Nominal Moment Capacity and Nonlinear Bending Stiffness

Axial thrust force values were determined from pile-head loading conditions

Number of Pile Sections Analyzed = 1

Pile Section No. 1:

Dimensions and Properties of Drilled Shaft (Bored Pile):

 Length of Section
 =
 45.500000 ft

 Shaft Diameter
 =
 72.000000 in

```
Concrete Cover Thickness (to edge of long. rebar) = 4.000000 in
                                                               20 bars
Number of Reinforcing Bars
                                                        60000. psi
                                                = 60000. psi
= 29000000. psi
= 4072. sq.
Yield Stress of Reinforcing Bars
Modulus of Elasticity of Reinforcing Bars
                                                        4072. sq. in.
                                                 40/2. sq. in.
= 31.200000 sq. in.
Gross Area of Shaft
Total Area of Reinforcing Steel
                                                  = 0.77 percent
Area Ratio of Steel Reinforcement
                                                  = 8.381233 in
Edge-to-Edge Bar Spacing
                                                  = 0.750000 in
Maximum Concrete Aggregate Size
                                                           11.17
Ratio of Bar Spacing to Aggregate Size
Offset of Center of Rebar Cage from Center of Pile = 0.0000 in
```

Axial Structural Capacities:

Nom. Axial Structural Capacity = 0.85 Fc Ac + Fy As = 12174.775 kips
Tensile Load for Cracking of Concrete = -1567.598 kips
Nominal Axial Tensile Capacity = -1872.000 kips

Reinforcing Bar Dimensions and Positions Used in Computations:

Bar	Bar Diam.	Bar Area	X	Υ
Number	inches	sq. in.	inches	inches
1	1.410000	1.560000	31.295000	0.00000
2	1.410000	1.560000	29.763314	9.670687
3	1.410000	1.560000	25.318187	18.394739
4	1.410000	1.560000	18.394739	25.318187
5	1.410000	1.560000	9.670687	29.763314
6	1.410000	1.560000	0.00000	31.295000
7	1.410000	1.560000	-9.67069	29.763314
8	1.410000	1.560000	-18.39474	25.318187
9	1.410000	1.560000	-25.31819	18.394739
10	1.410000	1.560000	-29.76331	9.670687
11	1.410000	1.560000	-31.29500	0.00000
12	1.410000	1.560000	-29.76331	-9.67069
13	1.410000	1.560000	-25.31819	-18.39474
14	1.410000	1.560000	-18.39474	-25.31819
15	1.410000	1.560000	-9.67069	-29.76331
16	1.410000	1.560000	0.00000	-31.29500
17	1.410000	1.560000	9.670687	-29.76331
18	1.410000	1.560000	18.394739	-25.31819
19	1.410000	1.560000	25.318187	-18.39474
20	1.410000	1.560000	29.763314	-9.67069

NOTE: The positions of the above rebars were computed by LPile

Minimum spacing between any two bars not equal to zero = 8.381 inches between bars 17 and 18.

Ratio of bar spacing to maximum aggregate size = 11.17

Concrete Properties:

Compressive Strength of Concrete = 3000. psi
Modulus of Elasticity of Concrete = 3122019. psi
Modulus of Rupture of Concrete = -410.79192 psi
Compression Strain at Peak Stress = 0.001634
Tensile Strain at Fracture of Concrete = -0.0001160
Maximum Coarse Aggregate Size = 0.750000 in

Number of Axial Thrust Force Values Determined from Pile-head Loadings = 2

Number	Axial Thrust Force
	kips
1	31.930
2	38.320

Summary of Results for Nominal Moment Capacity for Section 1

Moment values interpolated at maximum compressive strain = 0.003 or maximum developed moment if pile fails at smaller strains.

Load	Axial Thrust	Nominal Mom. Cap.	Max. Comp.	Max.
Tens.				
No.	kips	in-kip	Strain	
Strain				
1	31.930	54611.417	0.00300000	
-0.01380582				
2	38.320	54766.980	0.00300000	
-0.01376112				

Note that the values of moment capacity in the table above are not factored by a strength reduction factor (phi-factor).

In ACI 318, the value of the strength reduction factor depends on whether the transverse reinforcing steel bars are tied hoops (0.65) or spirals (0.75).

The above values should be multiplied by the appropriate strength reduction factor to compute ultimate moment capacity according to ACI 318, or the value required by the design standard being followed.

The following table presents factored moment capacities and corresponding bending stiffnesses computed for common resistance factor values used for reinforced concrete sections.

Axial	Resist.	Nominal 🚽	Nominal	Ult. (Fac)	Ult. (Fac)	Bend.
Stiff. Load Ult Mom	Factor	Ax. Thrust	Moment Cap	Ax. Thrust	Moment Cap	at
No. kip-in^2		kips	in-kips	kips	in-kips	
HERE E						
1	0.65	31.930000	54611.	20.754500	35497.	
942153165					2552	
2	0.65	38.320000	54767.	24.908000	35599.	
945228836	•					
1	0.75	31.930000	54611.	23.947500	40959.	
9192845 4 2	0.75	38.320000	54767.	28.740000	41075.	
922301887		30.320000	317074	2017 10000	,	
1 649285195	0.90	31.930000	54611.	28.737000	49150.	
2 652090740	0.90	38.320000	54767.	34.488000	49290.	

Layering Correction Equivalent Depths of Soil & Rock Layers

	Top of	Equivalent				
	Layer	Top Depth	Same Layer	Layer is	FØ	F1
Layer	Below	Below	Type As	Rock or	Integral	Integral
No.	Pile Head	Grnd Surf	Layer	is Below	for Layer	for Layer
	ft	ft	Above	Rock Layer	lbs	lbs
1	5.5000	0.00	N.A.	No	0.00	22040.
2	10.5000	6.3949	Yes	No	22040.	N.A.

Notes: The F0 integral of Layer n+1 equals the sum of the F0 and F1 integrals for Layer n. Layering correction equivalent depths are computed only for soil types with both shallow-depth and deep-depth expressions for peak lateral load transfer. These soil types are soft and stiff clays, non-liquefied sands, and cemented c-phi soil.

Pile-head Deflection vs. Pile Length for Load Case 1

Boundary Condition Type 1, Shear and Moment

Shear = 29600. lbs
Moment = 31080000. in-lbs
Axial Load = 38320. lbs

Pile Length feet	Pile Head Deflection inches	Maximum Moment ln-lbs	Maximum Shear lbs
45.50000	3.17534911	34614612.	-142486.
43.22500	3.70871983	34560701.	-154417.
40.95000	4.62384070	34514164.	-167504.
38.67500	6.35313185	34532644.	-183675.
36.40000	11.20094607	34621666.	-210297.

Computed Values of Pile Loading and Deflection

for Lateral Loading for Load Case Number 2

Pile-head conditions are Shear and Moment (Loading Type 1)

Shear force at pile head = 5640.0 lbs
Applied moment at pile head = 5891780.0 in-lbs
Axial thrust load on pile head = 31930.0 lbs

Depth Res. Soil	Deflect. Spr. Dist		Shear	Slope	Total	Bending	Soil
X	. У	Moment	Force	S	Stress	Stiffness	р
Es*H feet	Lat. Lo inches	in-lbs	lbs	radians	psi*	lb-in^2	
lb/inch	lb/inch	lb/inch					
			, , , , , , , , , , , , , , , , , , , ,				
0.00	0.09171 0.00	5891780. 0.00	5640.	-4.73E-04	0.00	5.19E+12	

^{*} This analysis computed pile response using nonlinear moment-curvature relationships. Values of total stress due to combined axial and bending stresses are computed only for elastic sections only and do not equal the actual stresses in concrete and steel. Stresses in concrete and steel may be interpolated from the output for nonlinear bending properties relative to the magnitude of bending moment developed in the pile.

Output Summary for Load Case No. 2:

Pile-head deflection 0.09171110 inches -0.0004731 radians Computed slope at pile head Maximum bending moment 6493132. inch-lbs Maximum shear force -24485. lbs Depth of maximum bending moment = 10.92000000 feet below pile head 27.30000000 feet below pile head Depth of maximum shear force = Number of iterations

Number of zero deflection points = 1 Pile deflection at ground = 0.06301207 inches

Pile-head Deflection vs. Pile Length for Load Case 2 ______

Boundary Condition Type 1, Shear and Moment

5640. lbs Shear Moment = 5891780. in-lbs Axial Load = 31930. lbs

Pile Length feet	Pile Head Deflection inches	Maximum Moment ln-lbs	Maximum Shear lbs
45 50000	0.00171110	6402122	-24485.
45.50000	0.09171110	6493132.	-24400.
43.22500	0.09882887	6482774.	-26148.
40.95000	0.11064248	6471232.	-28162.
38.67500	0.13172877	6462097.	-30753.
36.40000	0.17587795	6454835.	-34284.
34.12500	0.25587916	6446402.	-38236.
31.85000	0.40626183	6437493.	-42688.
29.57500	0.69685230	6429742.	-47676.
27.30000	1.31594494	6426637.	-53282.
25.0 2500	3.01347251	6435894.	-60450.
22.75000	9.09628070	6522786.	-71848.

Summary of Pile-head Responses for Conventional Analyses

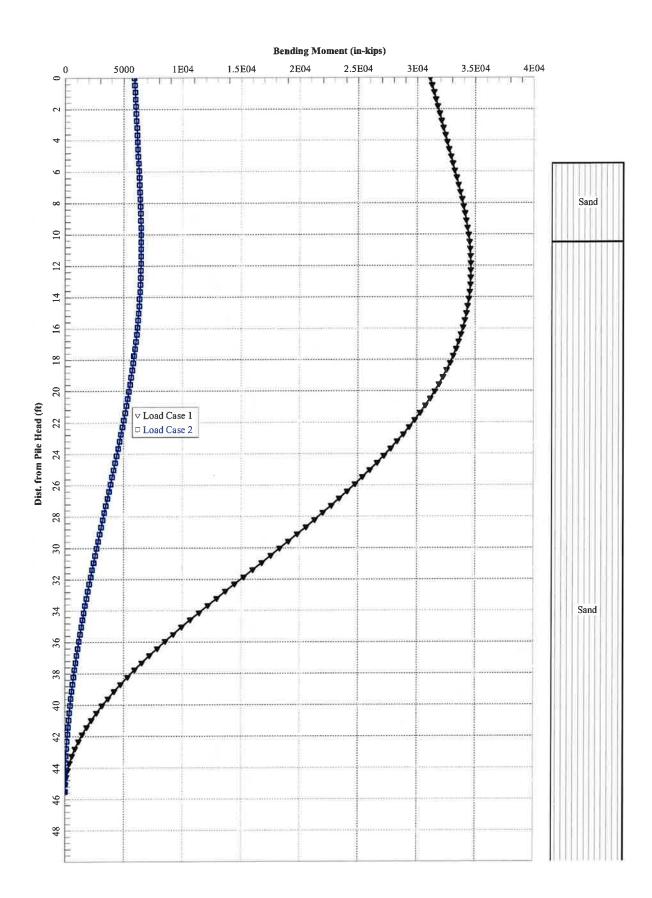
Definitions of Pile-head Loading Conditions:

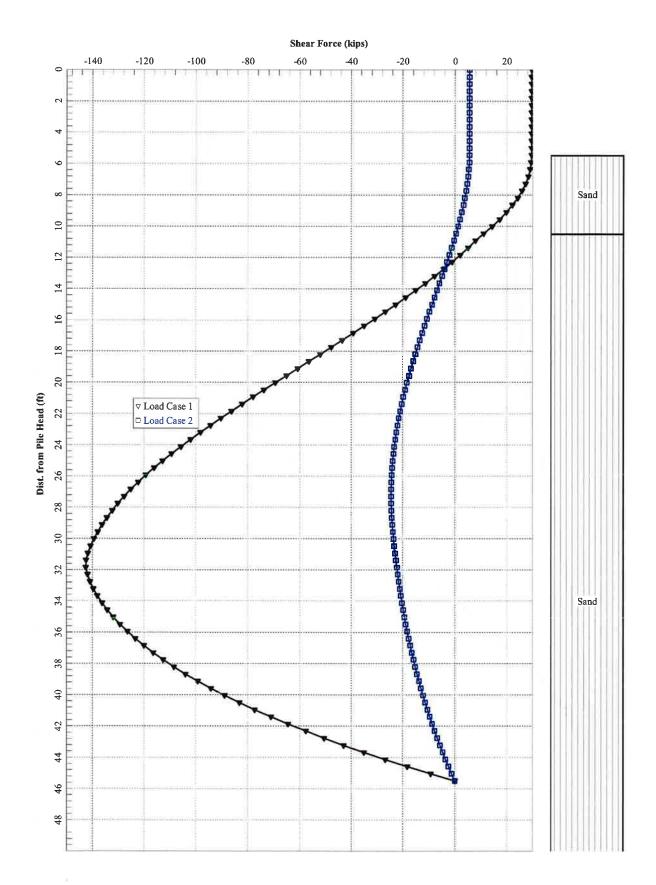
Load Type 1: Load 1 = Shear, V, lbs, and Load 2 = Moment, M, in-lbs Load Type 2: Load 1 = Shear, V, lbs, and Load 2 = Slope, S, radians Load Type 3: Load 1 = Shear, V, lbs, and Load 2 = Rot. Stiffness, R, in-lbs/rad. Load Type 4: Load 1 = Top Deflection, y, inches, and Load 2 = Moment, M, in-lbs Load Type 5: Load 1 = Top Deflection, y, inches, and Load 2 = Slope, S, radians

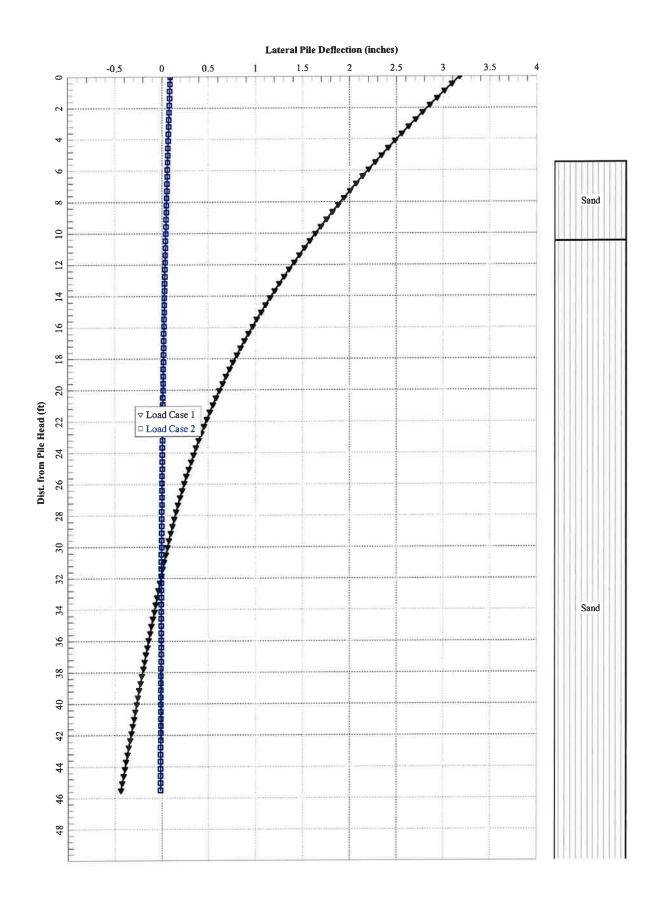
Load Load Shear Max Moment	Load		Axial	Pile-head	Pile-head	Max
Case Type Pile-head Pile in Pile	Type	Pile-head	Loading	Deflection	Rotation	in
No. 1 Load 1	2	Load 2	1bs	inches	radians	1bs
in-lbs						
2217 (2212) 2211121						
1 V, lb 29600.	M, in-lb	3.11E+07	38320.	3.1753	-0.01484	
-142486. 3.46E+07						
2 V, lb 5640. -24485. 6493132.	M, in-lb	5891780.	31930.	0.09171	-4.73E-04	

Maximum pile-head deflection = 3.1753491064 inches
Maximum pile-head rotation = -0.0148374003 radians = -0.850120 deg.

The analysis ended normally.











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

Antenna Mount Analysis Report and PMI Requirements

Mount ReAnalysis

SMART Tool Project #: 10207597 Colliers Engineering & Design CT, PC Project #: 23777171

July 20, 2023

Site Information

Site ID:

5000383112-VZW / BLOOMFIELD 3 CT

Site Name:

BLOOMFIELD 3 CT

Carrier Name:

Verizon Wireless 785 Park Ave

Address:

Bloomfield, Connecticut 06002

Hartford County

Latitude:

41.828508°

Longitude:

-72.733636°

Structure Information

Tower Type:

137-Ft Monopole

Mount Type:

14.00-Ft Platform

FUZE ID # 17123874

Analysis Results

Platform: 46.4% Pass*

*Antennas and equipment to be installed in compliance with PMI Requirements of this mount analysis.

***Contractor PMI Requirements:

Included at the end of this MA report Available & Submitted via portal at https://pmi.vzwsmart.com

For additional questions and support, please reach out to: pmisupport@colliersengineering.com

Report Prepared By: Carol Luengas



Executive Summary:

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

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

Sources of Information:

Document Type	Remarks
Radio Frequency Data Sheet (RFDS)	Verizon RFDS Site ID: 674845, Dated April 20, 2023
Construction Drawings	All-Points Site Name: BLOOMFIELD 3 CT, Dated August 6, 2021
Mount Mapping Report	RKS Design & Engineering, LLC Site ID: VZW:468782 Dated October 24, 2021
Previous Mount Modification Report	Colliers Engineering & Design, Project #: 21777224 (Rev 1), Dated June 9, 2023
Filter Add Scope	Provided by Verizon Wireless

Analysis Criteria:

Codes and	Standards:	ANSI/TIA-222-H	ı
Codes and	Standards.	ANOI/ HA-ZZZ-F	

2022 Connecticut Building State Code, (CSBC), Effective October 1, 2022

Wind Parameters:	Basic Wind Speed (Ultimate 3-sec. Gust), Vult:	120 mph
	I = 100 = 10 = 10 = 10 = 10 = 10 = 10 =	E0

Ice Wind Speed (3-sec. Gust):50 mphDesign Ice Thickness:1.50 inRisk Category:IIExposure Category:CTopographic Category:1Topographic Feature Considered:N/ATopographic Method:N/AGround Elevation Factor, Ke:0.996

Seismic Parameters: Ss: 0.182 g

S₁: 0.055 g

Maintenance Parameters: Wind Speed (3-sec. Gust): 30 mph

Maintenance Load, Lv: 250 lbs. Maintenance 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
	W STATE	2	Raycap	RVZDC-3315-PF-48	
		3	Samsung	MT6407-77A	
		3	Samsung	RF4439d-25A	
		3	Samsung	RF4440d-13A	Retained
105.00	105.00	1	Amphenol	BXA-80063-4BF-EDIN-0	Retailled
		1	Amphenol Antel	BXA-80080-4CF-EDIN-0	
		1	Amphenol Antel	BXA-80080-6CF-EDIN-2	
		6	Andrew	SBNHH-1D65B	
		2	KAelus	KA-6030	Added

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

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

Standard Conditions:

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

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

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

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

- 5. The mount was checked up to, and including, the bolts that fasten it to the mount collar/attachment and threaded rod connections in collar members if applicable. Local deformation and interaction between the mount collar/attachment and the supporting tower structure are outside the scope of this analysis.
- 6. All services are performed, results obtained, and recommendations made in accordance with generally accepted engineering principles and practices. Colliers Engineering & Design is not responsible for the conclusion, opinions, and recommendations made by others based on the information supplied.
- 7. Structural Steel Grades have been assumed as follows, if applicable, unless otherwise noted in this analysis:

o Channel, Solid Round, Angle, Plate

HSS (Rectangular)

o Pipe

o Threaded Rod

Bolts

ASTM A36 (Gr. 36)

ASTM 500 (Gr. B-46)

ASTM A53 (Gr. B-35)

F1554 (Gr. 36)

ASTM A325

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

Analysis Results:

Component	Utilization %	Pass/Fail
Platform Angle	46.4 %	Pass
Back Standoff HSS	24.7 %	Pass
Front Standoff HSS	16.2 %	Pass
Mount Pipe	38.7 %	Pass
MOD Support Rail	10.1 %	Pass
MOD Corner Angle	15.7 %	Pass
MOD Kicker	9.1 %	Pass
Mount Connection	14.3 %	Pass

Structure Rating – (Controlling Utilization of all Components)	46.4%
or dotale realing - (bondoning dunzation of an components)	40.478

Mount Steel (EPA)a per ANSI/TIA-222-H Section 2.6.11.2:

Ice Thickness (In)	Mount Pipes Excluded		Mount Pipes Included	
	Front (EPA)a (Sq. Ft.)	Side (EPA)a (Sq. Ft.)	Front (EPA)a (Sq. Ft.)	Side (EPA)a (Sq. Ft.)
0	37.6	37.6	52.6	52.6
0.5	47.3	47.3	68.5	68.5
1	56.2	56.2	83.7	83.7

Notes:

- (EPA)a values listed above may be used in the absence of more precise information
- (EPA)a values in the table above include 4 sector(s).
- Ka factors included in (EPA)a calculations

July 20, 2023 Site ID: 5000383112-VZW / BLOOMFIELD 3 CT Page | 5

Requirements:

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

Contractor to verify that all equipment and modifications per previous mount analysis report and construction drawings by Colliers Engineering & Design, Project #: 21777224 (Rev 1), dated June 9, 2023 has been installed.

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

Attachments:

- 1. Contractor Required Post Installation Inspection (PMI) Report Deliverables
- 2. Antenna Placement Diagrams
- 3. Mount Photos
- 4. Mount Mapping Report (for reference only)
- 5. Analysis Calculations

Mount Desktop - Post Modification Inspection (PMI) Report Requirements

Documents & Photos Required from Contractor – Passing Mount Analysis

Passing Mount Analysis requires a PMI due to a modification in loading.

Electronic pdf version of this can be downloaded at https://pmi.vzwsmart.com.

For additional questions and support, please reach out to pmisupport@colliersengineering.com

MDG #: 5000383112

SMART Project #: 10207597

Fuze Project ID: 17123874

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

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

Base Requirements:

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

Photo Requirements:

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

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

Antenna & equipment placement and Geometry Confirmation:

 The contractor shall certify that the antenna & equipment placement and geometry is in accordance with the sketch and table as included in the mount analysis and noted below.
☐ The contractor certifies that the photos support and the equipment on the mount is as depicted on the sketch and table included in this form and with the mount analysis provided.
OR
☐ The contractor notes that the equipment on the mount is not in accordance with the sketch and has noted the differences below and provided photo documentation of any alterations.
Special Instructions / Validation as required from the MA or any other information the contractor
deems necessary to share that was identified:
Issue:
Contractor to verify that all equipment and modifications per previous mount analysis report and construction drawings by Colliers Engineering & Design, Project #: 21777224 (Rev 1), dated June 9, 2023 has been installed.
by content angineering a period in a perio
Response:
Special Instruction Confirmation:
\square The contractor has read and acknowledges the above special instructions.
\square All hardware listed in the Special Instructions above (if applicable) has been properly installed, and the existing hardware was inspected.
☐ The material utilized was as specified in the SMART Tool engineering vendor Special Instructions above (if applicable) and included in the material certification folder is a packing list or invoice for these materials.
OR
☐ The material utilized was approved by a SMART Tool engineering vendor as an "equivalent" and this approval is included as part of the contractor submission.

Comments:				
Contractor certifies that	the climbing facility / s	safety climb	was not damaged p	orior to starting work:
□Yes □	No			
Contractor certifies no n	ew damage created du	ring the cu	rrent installation:	
□ Yes □	No			
Contractor to certify the	condition of the safety	y climb and	verify no damage w	hen leaving the site:
☐ Safety Climb in	Good Condition		☐ Safety Climb Dama	aged
Certifying Individual:				
Company:				
Employee Name:				
Contact Phone:				
Email:				
Date:				

Sector: A

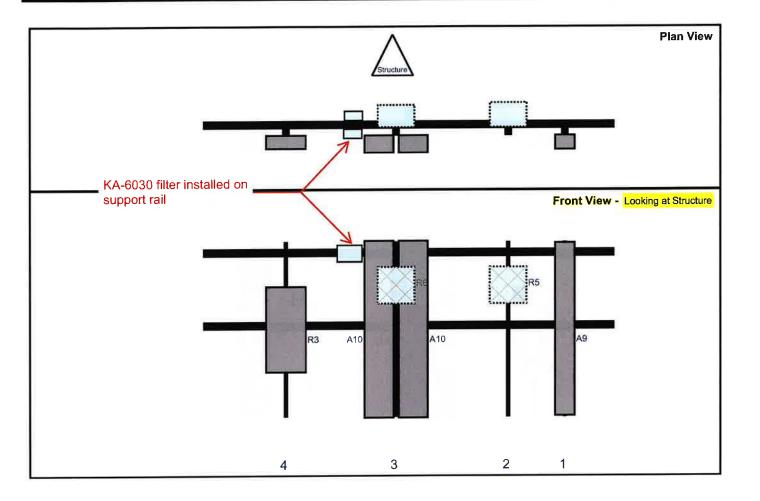
Structure Type: Monopole 10207597

Mount Elev: 105.00



Page: 1

7/19/2023



		Height	Width	H Dist	Pipe	Pipe	Ant	C. Ant	Ant		
Ref#	Model	(in)	(in)	Frm L.	#	Pos V	Pos	Frm T ₅	H Off	Status	Validation
A9	BXA-80080-6CF-EDIN-2	71	8	147.75	1	а	Front	36	0	Retained	10/24/2021
R5	RF4439d-25A	15	15	124.5	2	а	Behind	18	0	Retained	
A10	SBNHH-1D65B	72.6	11.9	78.75	3	а	Front	36	7	Retained	10/24/2021
A10	SBNHH-1D65B	72.6	11.9	78.75	3	b	Front	36	-7	Retained	10/24/2021
R6	RF4440d-13A	15	15	78.75	3	а	Behind	18	0	Retained	
R3	MT6407-77A	35.1	16.1	33.75	4	а	Front	36	0	Retained	
M97	RVZDC-3315-PF-48	29.5	16.5		Memb	er				Retained	
M95	RVZDC-3315-PF-48	29.5	16.5	111	Memb	er				Retained	

Structure: 5000383112-VZW - BLOOMFIELD 3 CT

Sector: **B** 7/19/2023

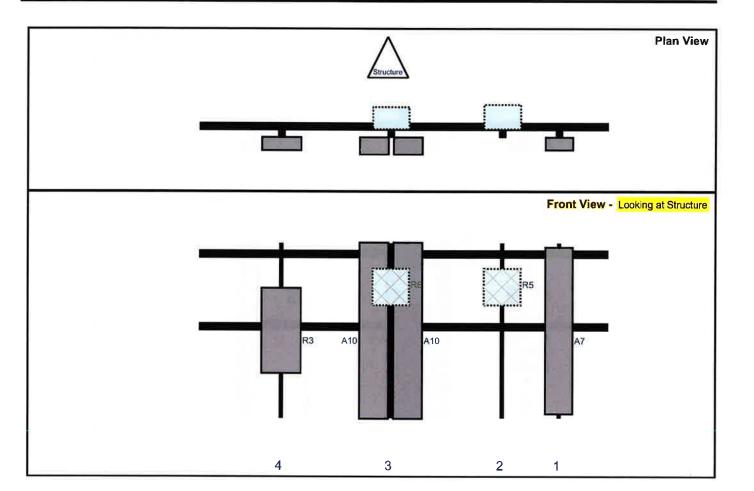
Structure Type: Monopole 10207597

105.00

Mount Elev:

Page: 2





		Height	Width	H Dist	Pipe	Pipe	Ant	C. Ant	Ant		
Ref#	Model	(in)	(in)	Fm L.	#	Pos V	Pos	Frm T.	H Off	Status	Validation
A7	BXA-80063-4BF-EDIN-0	68.6	11,2	147.75	1	а	Front	36	0	Retained	10/24/2021
R5	RF4439d-25A	15	15	124.5	2	а	Behind	18	0	Retained	-0.1
A10	SBNHH-1D65B	72.6	11.9	78.75	3	а	Front	36	7	Retained	10/24/2021
A10	SBNHH-1D65B	72.6	11.9	78.75	3	b	Front	36	-7	Retained	10/24/2021
R6	RF4440d-13A	15	15	78.75	3	а	Behind	18	0	Retained	
R3	MT6407-77.A	35.1	16.1	33.75	4	а	Front	36	0	Retained	300

10207597

Sector:

_

Structure Type: Monopole

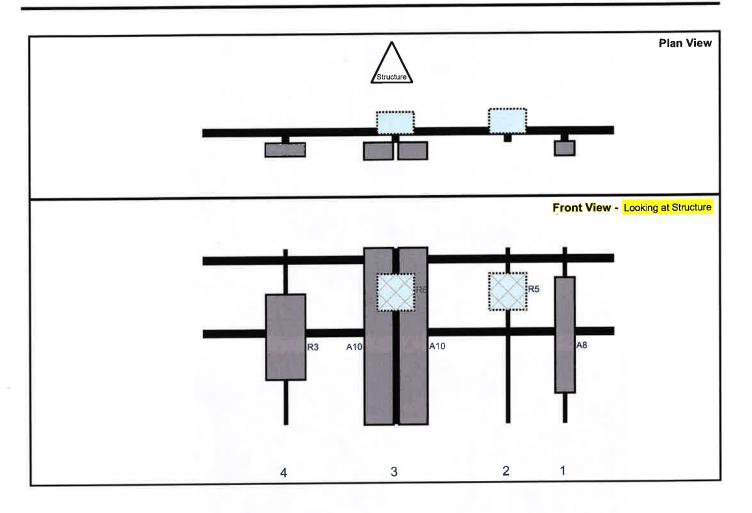
7/19/2023

Colliers Engineering & Design

Mount Elev:

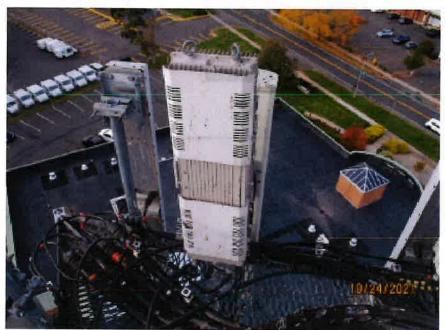
105.00

Page: 3



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
A8	BXA-80080-4CF-EDIN-0	47.5	В	147.75	1	а	Front	36	0	Retained	10/24/2021
R5	RF4439d-25A	15	15	124.5	2	а	Behind	18	0	Retained	
A10	SBNHH-1D65B	72.6	11.9	78.75	3	а	Front	36	7	Retained	10/24/2021
A10	SBNHH-1D65B	72.6	11.9	78.75	3	b	Front	36	-7	Retained	10/24/2021
R6	RF4440d-13A	15	15	78.75	3	а	Behind	18	0	Retained	
R3	MT6407-77A	35.1	16.1	33.75	4	а	Front	36	0	Retained	





V4.0 Updated on 3-31-2021

27.75



		(DATENT DENDING)		FCC #
	Antenna Mount Mapping Fo	rm (PATENT PENDING)		UNKNOWN
Tower Owner:	JUNKNOWN	Mapping Date:	10/24	//2021
Site Name:	VZW: Bloomfield 3 CT	Tower Type:		opole
Site Number or ID:	VZW: 468782	Tower Height (Ft.):		NOWN
Mapping Contractor:	RKS Design & Engineering, LLC	Mount Elevation (FL):		04

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

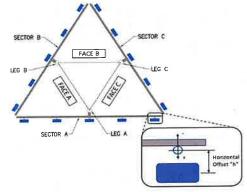
Tower Face Width at Mount Elev. (ft.):

Please insert the sketches of the antenna mount from th
"Charlebee" to hough dimensions and members here

		Mount Pip	e Configurat	ion and G	eometries [Unit = Inches]		
ector / Position	Mount Pipe Size & Length	Vertical Offset Dimension "u"	Horizontal Offset "C1, C2, C3, etc."	Sector/ Position	Mount Pipe Size & Length	Vertical Offset Dimension "u"	Horizonta Offset "C1 C2, C3, etc
A1	PIPE 2.375"Ø X 0.15" X 72" LONG	34.50	20.25	C1	PIPE 2,875"Ø X 0.15" X 72" LONG	34.50	20,25
A2	PIPE 2.375"Ø X 0.15" X 72" LONG	34.50	43.50	C2	PIPE 2.375"Ø X 0.15" X 72" LONG	34.50	43.50
EA	PIPE 2,375"Ø X 0,15" X 72" LONG	34.50	89.25	C3	PIPE 2.375"Ø X 0.15" X 72" LONG	34.50	89.25
A4	PIPE 2.375"Ø X 0.15" X 72" LONG	34.50	134.25	C4	PIPE 2 375"Ø X 0 15" X 72" LONG	34.50	134.25
A5				C5		3	
A6				C6			
81	PIPE 2.875"Ø X 0.15" X 72" LONG	34.50	20.25	D1			
	PIPE 2.375"Ø X 0.15" X 72" LONG		43.50	D2			
B3	PIPE 2,375"Ø X 0.15" X 72" LONG	34.50	89.25	D3			
84	PIPE 2 375"Ø X 0.15" X 72" LONG	34.50	134.25	D4			
B5				D5			
B6				D6			
	Distance between bottom rail	and mour	it CL elevati	on (dim d). Unit is inches. See 'Mount Elev Ref' ta	b for details. :	
	Distance from to	p of botto	m support r	all to lowe	est tip of ant./eqpt. of Carrier above. (N	/A if > 10 ft.):	
	Distance from tor	of botton	n support ra	il to highe	est tip of ant./eqpt. of Carrier below. (N	/A if > 10 ft.):	4.75
					ion or comments below.		
_		I AND DESCRIPTION	N. DORLLON		To a superior		

For T-Arms/Platforms on monopoles, report the weld size from the main standoff to the plate bolting into the collar mount.

Tower Leg Size or Pole Shaft Diameter at Mount Elev. (in.):



	Enter antenna	model.	If not labe	led, enter "	Unknown		Mountin [Units are incl	Photos of antennas		
Ants, Items	Antenna Models if Known	Width (in.)	Depth (in.)	Height (in.)	Coax Size and Qty	Antenna Center- line (Ft.)	Vertical Distances"b _{1a} , b _{2a} , b _{3a} , b _{1b} , (Inches)	Horiz, Offset "h" (Use "-" if Ant. is behind)	Antenna Azimuth (Degrees)	Photo Number
				•	Sector A	<u> </u>				
Antia										
Ant _{1b}	BXA-80080-6CF-EDIN	8.00	6.00	71.00	I E	103.583	39.50	10.00	0.00	141
Antıc										
Ant _{2a}	B4 RRH2X60-4R	10.50	5.75	36.50		105.167	20.50	-7.00		141
Ant _{2b}	UNKNOWN PANEL	12.00	7.50	73.50		104-167	32.50	10.50	0.00	141
Ant _{2c}										
Ant _{3a}	3JR53386AAAL 3	12.00	7.50	21.00		104.625	27.00	-5.00		142
Antab	BXA-70063-6CF-EDIN	11.00	5.00	71.00		103.917	35.50	8.00	0.00	142
Ant _{3c}										
Antas										
Ant _{4b}	UNKNOWN PANEL	12.00	7.50	73.50		104.167	32.50	10.50	0.00	143
Antac				0						
Antsa										
Antsb	TO THE REAL PROPERTY.									
Antsc										
Ant on Standoff	RRFDC-3315-PF-48	16.00	10.50	26.00						142
Ant on Standoff										
Ant on Tower										
Ant on Tower				T v				W 30		

# 리	Antra 🙇	Antia 23	Antse e	Ante &	Ants Antsu
L	ă L	ă	ـ هٔ ـ	_ <u> </u>	
Ī				-	-#-
	Antic	Antza	Antse	Antre	Antse
Ç:	-l c2	G3			
		či.	C5	-	

Mount Azimuth (Degree)	Tower Leg Azlmuth (Degree)						Sector B					
for Each Sector	for Each Sector	Antıa										
tor A: 0.00 Deg Leg A: tor B: 120.00 Deg Leg B:	Deg	Ant _{1b}	BXA-80063-4BF-EDIN	11.00	5.50	45.00		104,042	34.00	9.00	120.00	145
tor B: 120.00 Deg Leg B: tor C: 240.00 Deg Leg C:	Deg Deg	Ant _{1c}	B4 RRH2X60-4R	10.50	F 70	26.50		105.157	22.52	7.00		
tor D: Deg Leg D:	Deg	Ant _{2b}	UNKNOWN PANEL	10.50	5.75 7.50	36.50 73.50	_	105.167 104.167	20.50 32.50	-7.00	120.00	145
	Ility Information	Ant _{2c}	DIRRIGOVIA PAREL	12.00	7.30	73.30		104,167	32.30	10.50	120.00	149
	Sector C	Ant _{3a}	3JR53386AAAL 3	12.00	7.50	21.00		104.625	27.00	-5.00		146
Corrosion Type:	N/A	Ant _{3b}	SLCP 2X6014	14.00	11.00	53.00		104.208	32.00	10.00	120.00	146
cility Access:	Climbing path was unobstructed.	Antac										
Condition:	Good condition.	Ant _{4a}				Q E						H 17
		Ant _{4b}	UNKNOWN PANEL	12.00	7.50	73.50		104.167	32.50	10.50	120.00	147
		Ant _{4e}										-
		Antsb								+		
		Antsc										77
		Ant on										
		Standoff Ant on						-				
		Standoff				11 40						
Please insert a photo of the mo	unt centerline measurement here.	Ant on Tower										
		Ant on			10				1, 117			
		Tower					So to 5					
		Ant _{1a}				200	Sector C					
		Ant _{1h}	BXA-80080-4CF-EDIN	8.00	6.00	47.50		104.042	34.00	9.00	280.00	149
		Antac										
		Antza	B4 RRH2X60-4R	10.50	5.75	36.50		105_167	20.50	-7.00		149
		Ant _{2b}	UNKNOWN PANEL	12.00	7.50	73.50		104.167	32.50	10.50	280.00	149
SERTITE		Ant _{3a}	3JR53386AAAL 3	12.00	7.50	21.00		104.625	27.00	-5.00		150
A All 111-	,E,	Ant _{3b}	SLCP 2X6014	14.00	11.00	53.00		104.208	32,00	10.00	280.00	150
		Ant₃c										
	,	Ant _{4a}										
7 711117	The street	Ant _{4b}	UNKNOWN PANEL	12.00	7.50	73.50		104.167	32.50	10.50	280.00	15
	MANUE FOR THE STANK	Ant _{4c}		-			-	_		+ -		
4 <u> </u>	Chi and years of Chamilton agring	Ants						-		†		
=	 	Ant _{Sc}										
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	extract the state of the state	Ant on										
,2, £,] ,n,	L. M. H. December.	Standoff Ant on		-	-			-		1		
		Standoff									4	
		Ant on Tower			Fra E		134	M.F.				
Ų Ų[[]]	Ų	Ant on						18.9				
100 - 20		Tower		_			Sector D					-
S 8 18		Antı				إلصابة					West of	
		Ant _{1b}										
	-	Antıc										
	- U	Ant _{2a}						_				
* * /	T N 0. 52 mps	Ant _{2c}				110			77			
	DITAKS FAMI IS OF KITTON	Ant _{3a}										
	UPLACE FROM JOS OF RETIREN SUNTOF FRE, TO DAKET OF OF ANY JOSEPH OF CHAPTER ANY NO. (N/A Fig. 10 Fit)	Ant _{3b}										
		Ant₃c										
	BISTANGE PROMITES OF LIMITION	Ant _{4a}						_				
100 Head	ESTANCE FROM 10Y OF LIMITION SOUTHER RIVE, TO MODIFIED THE OF ARTIZENT OF CAMBUS HELDS INVALUES TO THE	Antac						-		-		
4 4	pil. * * DAM!	Antsa								19		
(,	Ant _{5b}			, Evi							
		Ant _{Sc}									w iEi	
n h hri	T_L	Ant on Standoff										
	ord the weld size from the main standoff	Ant on		112								
per to the plate bolting into the colla	r. See below for reference.	Standoff Ant on		-								
1	//	Tower										
The same of the sa	4	Ant on						0 X 0				
		Tower	()									
Les De												
A-2	Ek ST											
- 11												

	Observed Safety and Structural issues During the Mount Mapping	
Issue #	Description of Issue	Photo #
1	COAX TOTAL (13): (12) FH 1-5/8, (1) 1.5"Ø HYB	
2	BOLT MISSING ON MOUNT	91
3		
4		u Whi
5		
6		
7		
8		

		Observed Obstructions to Tower Lighting System	
the tower lighting system is being obstructed by the car	rrier's equipment (for example: a	light nested by the antennas), please provide photos and fill in the information below.	Photo #
Description of Obstruction:			THE RESERVE OF THE PERSON NAMED IN
Type of Light:	Photo #	Additional Comments:	
Lighting Technology:	Photo#		
Elevation (AGL) at base of light (Ft.):	Photo#		
Is a service loop available?	Photo#		
Is beacon installed on an extension?	Photo #		

Mapping Notes

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

Standard Conditions

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

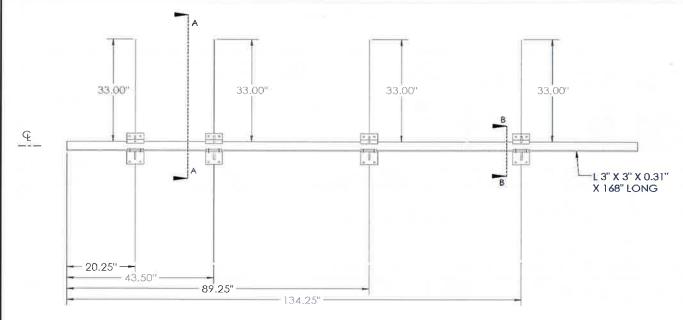
V4.0 I Installed on 3/31/2021

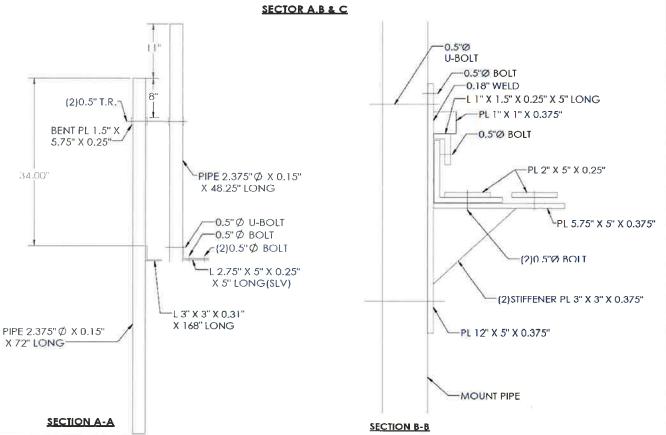


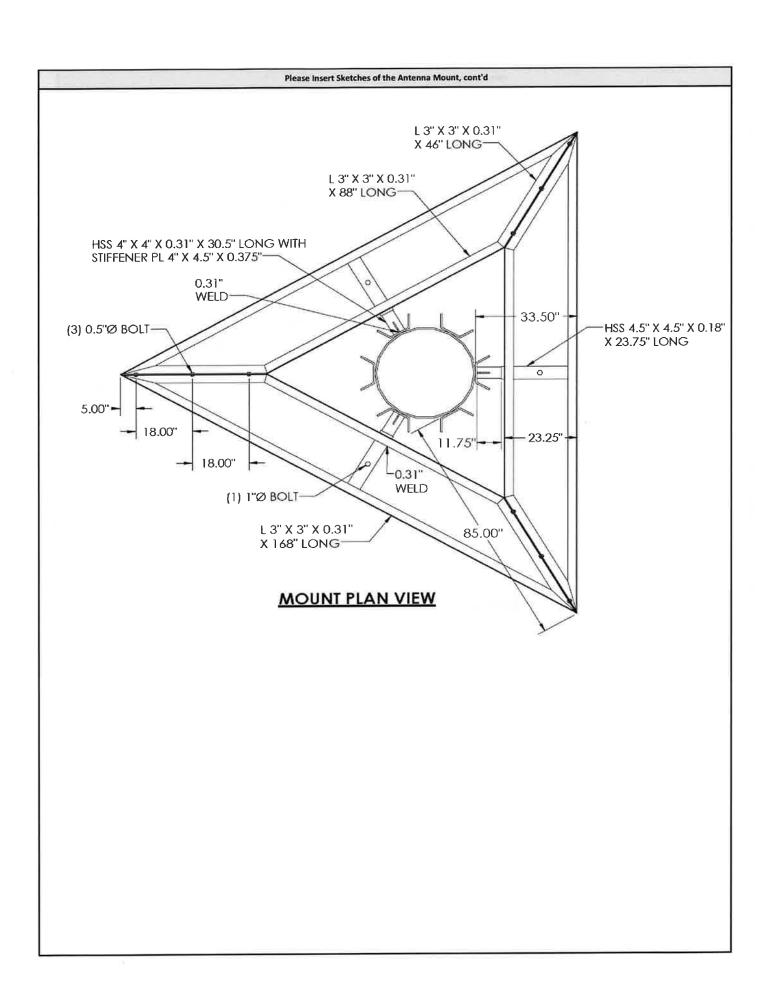
	Antenna Mount Mapping Fo	rm (PATENT PENDING)		FCC #
Tower Owner:	UNKNOWN	Mapping Date:	10/24/2	2021
Site Name:	VZW: Bloomfield 3 CT	Tower Type:	Mono	pole
Site Number or ID:	VZW: 468782	Tower Height (Ft.):	UNKNO	OWN
Mapping Contractor:	RKS Design & Engineering, LLC	Mount Elevation (Ft.):	10-	4

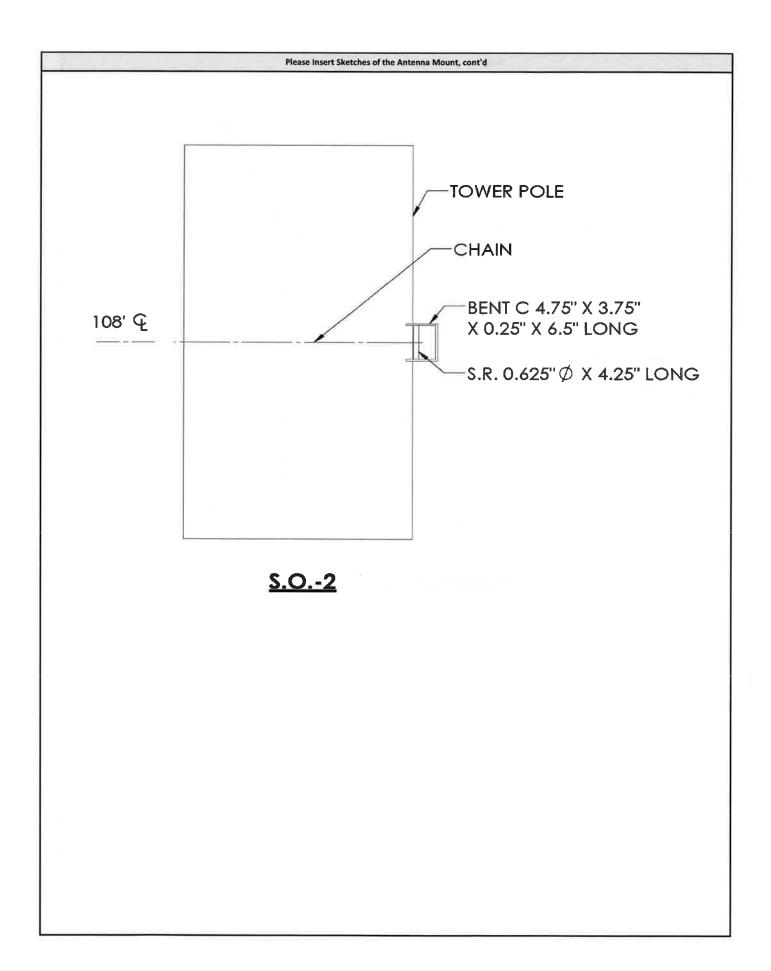
This antenna mapping form is the property of TES and under PATENT PENDING. The formation contained herein is considered confidential in nature and is to be used only for the specific customer it was intended for. Reproduction, transmission, publication modification or disclosure by any method is prohibited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

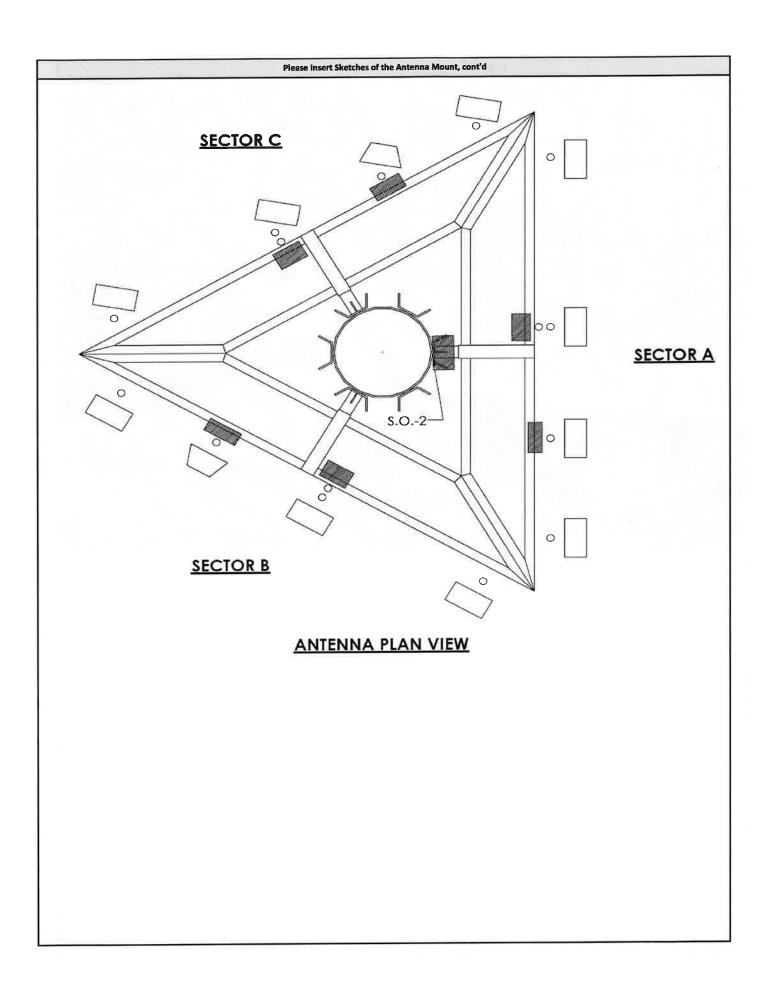
Please Insert Sketches of the Antenna Mount

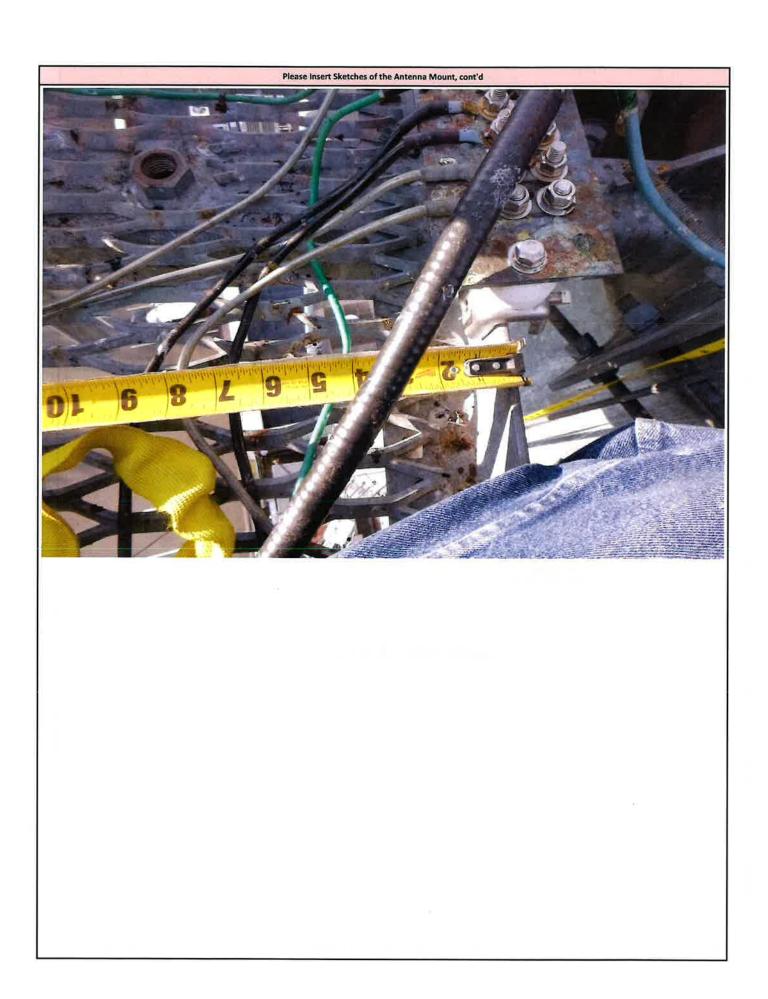




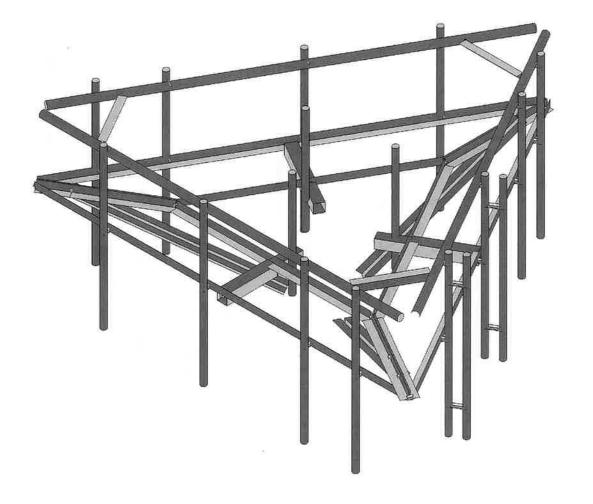




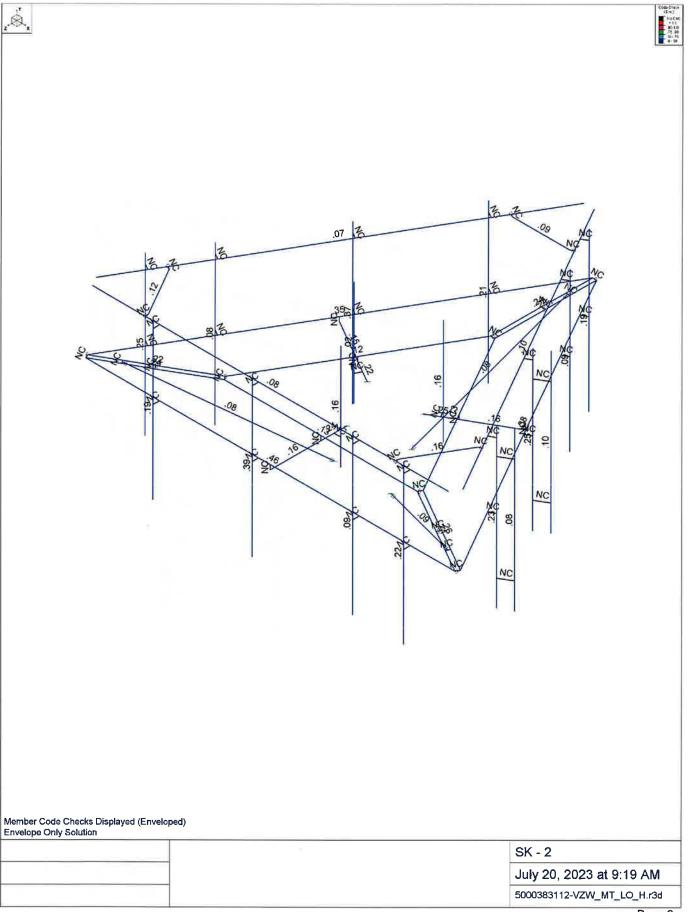


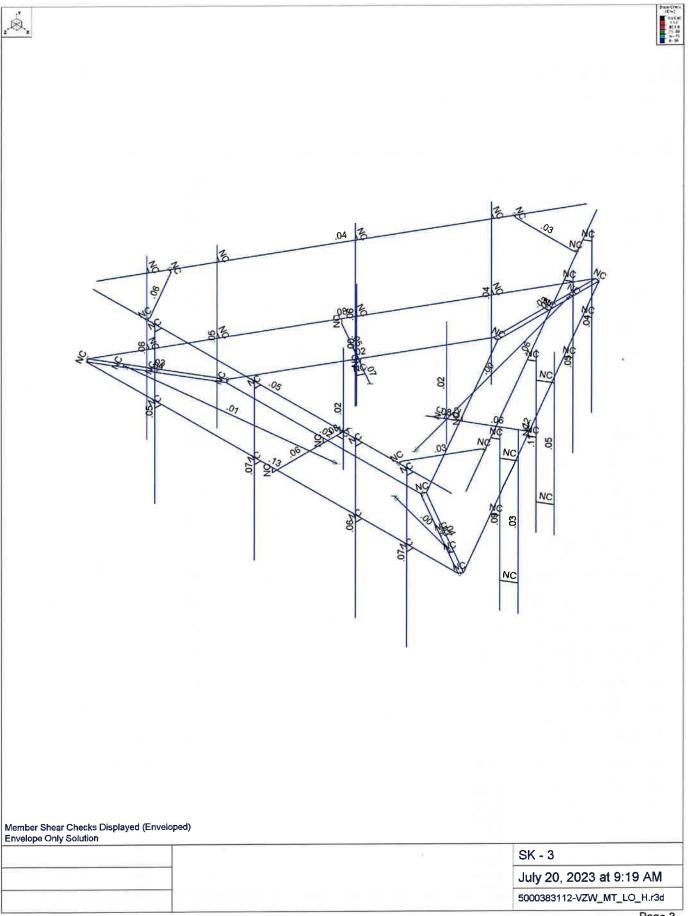






Envelope Only Solution	
	SK - 1
	July 20, 2023 at 9:19 AM
	5000383112-VZW_MT_LO_H.r3d





Basic Load Cases

	ic Load Cases	~	372 3	2012 E	12.2 10	W 251	GE012101	SERVICION TO DESCRIPTION	545 B 645
1	BLC Description Antenna D	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed Area(M	e Surface(P
2	Antenna Di	None					102	d	
3	Antenna Wo (0 Deg)	None None					102 102		
4	Antenna Wo (30 Deg)	None					102		
5	Antenna Wo (60 Deg)	None							
6	Antenna Wo (90 Deg)	None				3 0	102 102		
7	Antenna Wo (120 Deg)	None					102		
8	Antenna Wo (150 Deg)	None					102		
9	Antenna Wo (180 Deg)	None					102		
10	Antenna Wo (210 Deg)	None					102		
11	Antenna Wo (240 Deg)	None					102		
12	Antenna Wo (270 Deg)	None					102	TO STATE OF THE ST	
13	Antenna Wo (300 Deg)	None					102		
14	Antenna Wo (330 Deg)	None					102		
15	Antenna Wi (0 Deg)	None					102		
16	Antenna Wi (30 Deg)	None	1 - 1				102		
17	Antenna Wi (60 Deg)	None					102		
18	Antenna Wi (90 Deg)	None				K T ale	102		
19	Antenna Wi (120 Deg)	None					102		
20	Antenna Wi (150 Deg)	None			N 2015		102		
21	Antenna Wi (180 Deg)	None					102		
22	Antenna Wi (210 Deg)	None				THE -	102		
23	Antenna Wi (240 Deg)	None					102		
24	Antenna Wi (270 Deg)	None			tues of	II age and	102		
25	Antenna Wi (300 Deg)	None					102		
26	Antenna Wi (330 Deg)	None	CONT.				102		
27	Antenna Wm (0 Deg)	None					102		
28	Antenna Wm (30 Deg)	None	No. THE RES		. 7	- America	102		
29	Antenna Wm (60 Deg)	None					102		
30	Antenna Wm (90 Deg)	None					102		
31	Antenna Wm (120 Deg)	None					102		
32	Antenna Wm (150 Deg)	None					102		
33	Antenna Wm (180 Deg)	None					102		
34	Antenna Wm (210 Deg)	None	1,000,000		1		102		
	Antenna Wm (240 Deg)	None					102		
36	Antenna Wm (270 Deg)	None					102		
37	Antenna Wm (300 Deg)	None					102		
38	Antenna Wm (330 Deg)	None					102		
39	Structure D	None		-1				3	
40	Structure Di	None						44 3	
41	Structure Wo (0 Deg)	None						88	
42	Structure Wo (30 Deg)	None						88	
43	Structure Wo (60 Deg)	None						88	
44	Structure Wo (90 Deg)	None						88	
	Structure Wo (120 D	None						88	
		None						88	
	Structure Wo (180 D	None						88	
	Structure Wo (210 D	None	1-1-1					88	
49	Structure Wo (240 D	None						88	
50	Structure Wo (270 D	None	100000000000000000000000000000000000000					88	
51	Structure Wo (300 D	None						88	
52	Structure Wo (330 D	None			2 1 2			88	1 2
53	Structure Wi (0 Deg)	None						88	

Basic Load Cases (Continued)

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed	Area(Me	Surface(P
54	Structure Wi (30 Deg)	None					333,000	88		
55	Structure Wi (60 Deg)	None						88		
56	Structure Wi (90 Deg)	None		10 1 d			- 10- 11	88	- 1111 -	
57	Structure Wi (120 De	None						88		
58	Structure Wi (150 De	None						88	* 100 L * 1	
59	Structure Wi (180 De	None						88		
60	Structure Wi (210 De	None	D ALTON	1 1	CAREL			88	فللاكية	
61	Structure Wi (240 De	None						88		
62	Structure Wi (270 De	None	1700	THE TREE TO		Shirt or a		88		
63	Structure Wi (300 De	None						88		
64	Structure Wi (330 De	None			DOC TO THE		39 11	88	mail in	SE TORK
65	Structure Wm (0 Deg)	None						88		
66	Structure Wm (30 De	None						88		
67	Structure Wm (60 De	None						88		
68	Structure Wm (90 De.,	None		ne but T	S ST PL			88		No. of the last
69	Structure Wm (120 D	None						88		
70	Structure Wm (150 D.,	None		Spirite S			7 5	88		
71	Structure Wm (180 D	None						88		
72	Structure Wm (210 D.,	None	di anni anni		E . S UT		10 M. 2	88	1 1 1 -	
73	Structure Wm (240 D	None						88		
74	Structure Wm (270 D	None	THE PARTY		to the state of		THE N	88		
75	Structure Wm (300 D	None						88		
76	Structure Wm (330 D.,	None	g 100 37		T S TI TES			88	termin di	
77	Lm1	None					11			
78	Lm2	None	L III BOY				1			
79	Lv1	None					1			
80	Lv2	None		ACCULA N	1 7 4		1			100
81	Antenna Ev	None					102			
82	Antenna Eh (0 Deg)	None				1111	68	THE STREET		WIT FELL
83	Antenna Eh (90 Deg)	None					68			
84	Structure Ev	ELY		039		D.V.	N Est	BY STATE OF THE ST	3	
85	Structure Eh (0 Deg)	ELZ			097				3	
86	Structure Eh (90 Deg)	ELX	.097	A PARK		4-11			3	
87	BLC 39 Transient Are	None						34		
88	BLC 40 Transient Are	None		F A busi	- T			34	2-19-6	
89	BLC 84 Transient Are	None						34		
90	BLC 85 Transient Are	None				HATLE		34	100	
91	BLC 86 Transient Are	None						34		

Load Combinations

	Description	S	PDelta	S B	F	а	В	Fa	В	Fa	В	Fa	В	Fa	В	Fa	В	. Fa	В	Fa	В	Fa	В	Fa
1	1.2D+1.0Wo (0 Deg)								3	1	41	1												
2	1.2D+1.0Wo (30 Deg)					1.2	39	1.2	4	1	42	1	1											100
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	Υ		1	.2	39	1.2	6	1	44	1							4					
5	1.2D+1.0Wo (120 Deg)	Yes	Y					1.2		1	45	1											_	
6	1.2D+1.0Wo (150 Deg)	Yes	Υ	No sti		1.2	39	1.2	8	1	46	1	1		W	-		100					T.	
7	1.2D+1.0Wo (180 Deg)			1	_ 1	1.2	39	1.2	9	1	47	1												- 5
8	1.2D+1.0Wo (210 Deg)	Yes	Υ		1	1.2	39	1.2	10	1	48	1				0		-						
9	1.2D+1.0Wo (240 Deg)	Yes	Υ		1	1.2	39	1.2	11	1	49	1											_	
10	1.2D+1.0Wo (270 Deg)	Yes	Υ		1	1.2	39	1.2	12	1	50	1						170						
11	1,2D+1.0Wo (300 Deg)	Yes	Υ		1	1.2	39	1.2	13	1	51	1					_							
12	1.2D+1.0Wo (330 Deg)	Yes	Y	- 98	1	1.2	39	1.2	14	1	52	1			1							-		
13	1.2D + 1.0Di + 1.0Wi (0				1	1.2	39	1.2	2	1	40	1	15	1	53								_	
14	1.2D + 1.0Di + 1.0Wi (3	Yes	Y			1.2	39	1.2	2	1 1	40	1	16	1	54	1	1	17-1						

Load Combinations (Continued)

Loa	<u>d Combinations (C</u>	ontin	uea)	_		_														_		_	
	Description 5	PDel	lta S	В	. Fa	. B	Fa.	B	Fa.	B	. Fa.	B	Fa	. B	Fa	В	Fa	В.,	Fa	В	Fa	В	Fa
15	1.2D + 1.0Di + 1.0Wi (6Y	es Y			1.2				1) 1				1								
16	1.2D + 1.0Di + 1.0Wi (9Y	es Y	- 9	1	1.2	39	1.2	2 2	1	40) 1	18	1		1								100
17	1.2D + 1.0Di + 1.0Wi (1Y	es Y		1	1.2	39	1.2	2 2	1					57									
18	1.2D + 1.0Di + 1.0Wi (1Y	es Y			1.2				1		_	20	_		1							le:	1000
19	1.2D + 1.0Di + 1.0Wi (1Y				1.2				1		-	21	_	59									
				1			1.2		1		1	22	_	10000	1				li i				IDI
21	1.2D + 1.0Di + 1.0Wi (2Y			1			1.2		1		_	23	_	61					-				
	1.2D + 1.0Di + 1.0Wi (2Y			1			1.2		_	40		24			1		100	100	100	OF SE			
	1.2D + 1.0Di + 1.0Wi (3Y			1	1.2				1	40	_	25	_	63		_		+		-			
					1.2	30	1.0	2 2		40													200
	1.2D + 1.5Lm1 + 1.0W Y						- 7				_	26		64	1	-			-				
	1.2D + 1.5Lm1 + 1.0W Y			1	1.2							65	_										
	1.2D + 1.5Lm1 + 1.0W Y	-		1	1.2							66		-		-			-				
				1	1.2							67											
	1.2D + 1.5Lm1 + 1.0W Y			1	1.2				_		_	68	_	10	100				77 (-1		100		
	1.2D + 1.5Lm1 + 1.0W Y				1.2							69										_	
	1.2D + 1.5Lm1 + 1.0W Y				1.2							70	_		II.								
	1.2D + 1.5Lm1 + 1.0W Y				1.2							71	1										
	1.2D + 1.5Lm1 + 1.0W Y				1.2							72	1		II of						JIU.		
	1.2D + 1.5Lm1 + 1.0W Y				1.2							73											
	1.2D + 1.5Lm1 + 1.0W Y				1.2							74	1						6.5	-	20		
35	1.2D + 1.5Lm1 + 1.0WY	es Y		1	1.2							75	1										
	1.2D + 1.5Lm1 + 1.0WY		4	1	1.2	39	1.2	77	1.5	38	1	76	1		1111								W
-	1.2D + 1.5Lm2 + 1.0W Y			1	1.2	39	1.2	78	1.5	5 27	1 1	65	1										
38	1.2D + 1.5Lm2 + 1.0W Y	es Y			1.2							66	1		711		n.						
39	1.2D + 1.5Lm2 + 1.0W Y	es Y			1.2	_	-					67	1										
40	1.2D + 1.5Lm2 + 1.0W Y	es Y			1.2							68	_				ģ.		10		1,		100
41	1.2D + 1.5Lm2 + 1.0W Y	es Y			1.2	_	_	_	_	_		69		=									
	1.2D + 1.5Lm2 + 1.0W Y				1.2							70							45		-		15
43	1.2D + 1.5Lm2 + 1.0W Y				1.2							71											-
44	1.2D + 1.5Lm2 + 1.0W Y				1.2							72	1	!	Section								
	1.2D + 1.5Lm2 + 1.0W Y				1.2							73	-	1							Y		
	1.2D + 1.5Lm2 + 1.0W Y				1.2							74			L/III			SIL					
	1.2D + 1.5Lm2 + 1.0W Y				1.2							75	_		-								
	1.2D + 1.5Lm2 + 1.0W Y			1	1.2							- Table 1 40		ins					100			- 17	- 31
49		es Y		1	1.2							76	-1					200					36.
50		es Y																	-				-
51			-		1.2			-	1.5)	-		-		-	_					. 10		
	1.2D + 1.0Ev + 1.0Eh (0. Y				1.4				4	-	1	00	4	00		1-1-7	4	-					
		_	-1		1.2									83			1			- 0			
	1.2D + 1.0Ev + 1.0Eh (3Y				1.2						1				.5								
	1.2D + 1.0Ev + 1.0Eh (6. Y 1.2D + 1.0Ev + 1.0Eh (9. Y	2.0			1.2				1	E	_			_		_			.866				
					1.2					E			-	_	1	_		E					
	1.2D + 1.0Ev + 1.0Eh (1Y				1.2					E	_								.866				
	1.2D + 1.0Ev + 1.0Eh (1.1Y				1.2										.5								
	1.2D + 1.0Ev + 1.0Eh (1Y				1.2									83			-1						
	1.2D + 1.0Ev + 1.0Eh (2Y				1.2						-				5								
	1.2D + 1.0Ev + 1.0Eh (2Y			1	1.2							82	5					E	866				
	1.2D + 1.0Ev + 1.0Eh (2Y			1			1.2				1	82		83	-1	ELZ		E,,.	-1	Į,			
	1.2D + 1.0Ev + 1.0Eh (3Y			1	1.2					E	1	82	.5	83	866	ELZ	.5	E	866	711	1787		
	1.2D + 1.0Ev + 1.0Eh (3Y			1			1.2				1	82	.866	83	5	ELZ	.866	E	5				
64	0.9D - 1.0Ev + 1.0Eh (0Y	es Y		1						E	-1			83			1			iii j			
65	0.9D - 1.0Ev + 1.0Eh (3Y	es Y		1	1 1/2	39					-1		_		.5				.5				
66	0.9D - 1.0Ev + 1.0Eh (6Y			1		39	_	81				82			.866								
67	0.9D - 1.0Ev + 1.0Eh (9Y			1							-1			_	1	_		E	1				
68	0.9D - 1.0Ev + 1.0Eh (1Y			1	.9	39		81					- 5					_	.866				
	0.9D - 1.0Ev + 1.0Eh (1Y			1	.9	39		81							.5				.5				
	0.9D - 1.0Ev + 1.0Eh (1Y			1								82					-1						
	0.9D - 1.0Ev + 1.0Eh (2Y			1	.9	39		81							5				- 5				
				_		-55		91	1	1277.55	4	04	,500	UU	.0		,		U				



Load Combinations (Continued)

		Description	S	PDelta	S	B	Fa	B	Fa	В	Fa	B	Fa	B	Fa	B	Fa	. B	Fa	B	Fa	В	Fa	B	Fa
72	0.9D -	1,0Ev + 1.0Eh (2.	.Yes	Υ		1	.9	39	.9	81	-1	E	-1	82	5	83	866	BELZ	5	E	866				
-		- 1.0Ev + 1.0Eh (2.		-		1			.9	3 - 12 - 5	-1	E	-1	82		83	-1	ELZ		E	-1				
74	0.9D -	- 1.0Ev + 1.0Eh (3.	.Yes	Y		1	.9						-1												7.6
75	0.9D -	- 1.0Ev + 1.0Eh (3.	.Yes	Y		1	.9	39	.9	81	-1	E	-1	82	.866	83	5	ELZ	.866	6 E	-,5				

Joint Coordinates and Temperatures

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap.
1	N1	0	-0.166667	0.291667	0	
2	N2	7	0	0.291667	0	
3	N3	-7	0	0.291667	00	
4	N4	0	0	-1.625	0	
5	N5	3.666667	0	-1.625	0	
6	N6	-3.666667	0	-1.625	0	
7	N7	0	-0.166667	-2.604167	0	
8	N8	0	0	-3.833333	0	
9	N23A	0	0	0.291667	0	
10	N26	0	-0.166667	-1.625	0	
11	N11	3.572355	-0.166667	-5.895833	0	
12	N12	0.072355	0	-11.958011	0	
13	N13	7.072355	0	0.166344	00	
14	N14	1.912473	0	-4.9375	0	
15	N15	0.079139	0	-8.112926	00	
16	N16	3.745806	0	-1.762074	0	
17	N17	1.06449	-0.166667	-4.447917	0	
18	N19	3.572355	0	-5.895833	0	
19	N20	1.912473	-0.166667	-4.9375	0	
20	N21	-3.572355	-0.166667	-5.895833	0	
21	N22	-7.072355	0	0.166344	0	
22	N23	-0.072355	0	-11.958011	0	
23	N24	-1.912473	0	-4.9375	0	
24	N25	-3.745806	0	-1.762074	0	
25	N26A	-0.079139	0	-8.112926	0	
26	N27	-1.06449	-0.166667	-4.447917	0	
27	N29	-3.572355	0	-5.895833	0	
28	N30	-1.912473	-0.166667	-4.9375	0	
29	N29A	0.075747	0	-10.035469	0	
30	N30A	-0.075747	0	-10.035469	0	
31	N36	-5.40908	0	-0.797865	0	
32	N37	-5.333333	0	-0.666667	0	
33	N43	5.333333	0	-0.666667	0	
34	N44	5.40908	0	-0.797865	0	
35	N35	5.3125	0	0.291667	0	
36	N36A	5.3125	0	0.541667	0	
37	N37A	5.3125	2.875	0.541667	0	
38	N38	5.3125	-3.125	0.541667	0	W W To The Control
39	N39	3.375	0	0.291667	0	
40	N40	3.375	Ö	0.541667	0	
41	N41	3.375	2.875	0.541667	0	
42	N42	3.375	-3.125	0.541667	0	
42	N43A	-0.4375	0	0.291667	0	
	N43A N44A	-0.4375	o o	0.541667	Ö	
44	N44A N45	-0.4375	2.875	0.541667	0	
45		-0.4375	-3.125	0.541667	0	
46	N46	-4.1875	-3.123	0.291667	0	
47	N47 N48	-4.1875	0	0.541667	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap
49	N49	-4.1875	2.875	0.541667	0	Dotaon From Diap
50	N50	-4.1875	-3.125	0.541667	0	
51	N52	0.916105	0	-10.496593	0	
52	N53	1.132611	0	-10.621593	0	
53	N54	1.132611	2.875	-10.621593	0	
54	N55	1.132611	-3.125	-10.621593	0	
55	N56	1.884855	0	-8.818669	0	
56	N57	2.101361	0	-8.943669	0	
57	N58	2.101361	2.875	-8.943669	0	
58	N59	2.101361	-3.125	-8.943669	0	
59	N60	3.791105	0	-5.516947	0	
60	N61	4.007611	0	-5.641947	0	
61	N62	4.007611	2.875	-5.641947	0	
62	N63	4.007611	-3.125	-5.641947	0	
63	N64	5.666105	0	-2.269352	0	
64	N65	5.882611	0	-2.394352	0	
65	N66	5.882611	2.875	-2.394352	0	
66	N67	5.882611	-3.125	-2.394352	0	
67	N69	-6.228605	0	-1.295073	0	
68	N70	-6.445111	0	-1.420073	0	
69	N71	-6.445111	2.875	-1.420073	0	
70	N72	-6.445111	-3.125	-1.420073	0	
71	N73	-5,259855	0	-2.972998	0	
72	N74	-5.476361	0	-3.097998	0	
73	N75	-5.476361	2.875	-3.097998	0	
74	N76	-5.476361	-3.125	-3.097998	0	
75	N77	-3.353605	0	-6.274719	0	
76	N78	-3.570111	0	-6.399719	0	
77	N79	-3.570111	2.875	-6.399719	0	
78	N80	-3.570111	-3.125	-6.399719	0	
79	N81	-1.478605	0	-9.522315	0	
80	N82	-1.695111	0	-9.647315	0	
81	N83	-1.695111	2.875	-9.647315	0	
82	N84	-1.695111	-3.125	-9.647315	0	
83	N83A	4.007611	1.875	-5.641947	0	
84	N84A	4.007611	-2.125	-5.641947	0	
85	N85	4.440624	1.875	-5.891947	0	
86	N86	4.440624	-2.125	-5.891947	0	
87	N87	4.440624	2.875	-5.891947	0	
88	N88	4.440624	-3.125	-5.891947	0	
89	N89	6.75	2.5	0.291667	0	
90	N90	-6.75	2.5	0.291667	0	
91	N91	5.3125	2.5	0.291667	0	
92	N92	5.3125	2.5	0.541667	0	
93	N93	3.375	2.5	0.291667	0	
94	N94	3.375	2.5	0.541667	0	
95	N95	-0.4375	2.5	0.291667	0	
96	N96	-0.4375	2.5	0.541667	0	
97	N97	-4.1875	2.5	0.291667	0	
98	N98	-4.1875	2.5	0.541667	0	
99	N100	0.197355	2.5	-11.741505	0	
100	N101	6.947355	2.5	-0.050162	0	
101	N102	0.916105	2.5	-10.496593	0	
102	N103	1.132611	2.5	-10.621593	0	
103	N104	1.884855	2.5	-8.818669	0	
104	N105	2.101361	2.5	-8.943669	0	
105	N106	3.791105	2.5	-5.516947	0	

JOHN OU		emperatures (Co	No season	227220	- m	Datash From Dies
	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap
106	N107	4.007611	2.5	-5.641947	0	
107	N108	5.666105	2.5	-2.269352	0	
108	N109	5.882611	2,5	-2.394352	0	
109	N111	-6.947355	2.5	-0.050162	0	
110	N112	-0.197355	2.5	-11.741505	0	
111	N113	-6.228605	2.5	-1.295073	0	
112	N114	-6.445111	2.5	-1.420073	0	
113	N115	-5.259855	2.5	-2.972998	0	
114	N116	-5.476361	2.5	-3.097998	0	
115	N117	-3.353605	2.5	-6.274719	0	
116	N118	-3.570111	2.5	-6.399719	0	en il visitanti fetti
117	N119	-1.478605	2.5	-9.522315	0	
118	N120	-1.695111	2.5	-9.647315	0	
119	N119A	-4.75	2.5	0.291667	0	
120	N120A _	4.75	2.5	0.291667	0	
121	N121	-4.75	2.5	0.166667	0	
122	N122	4.75	2.5	0.166667	0	
123	N124	5.947355	2.5	-1.782213	0	
124	N125	1.197355	2.5	-10.009454	0	
125	N126	5.839102	2.5	-1.719713	0 _	
126	N127	1.089102	2.5	-9.946954	0	
127	N129	-1.197355	2.5	-10.009454	0	
128	N130	-5.947355	2.5	-1.782213	0	Total Control
129	N131	-1.089102	2.5	-9.946954	0	
130	N132	-5.839102	2.5	-1.719713	0	
131	N131A	0.072355	0	-10.958011	0	
132	N132A	-0.072355	Ö	-10.958011	0	
	N133	-0.072555	0	-10.958011	0	
133	N134	-0.	-2.166667	-5.0625	Ö	
134		0	-2.100007	-3.833333	0	
135	N135	-1.06449	-2.166667	-3.21875	Ö	
136	N136	1.06449	-2.166667	-3.21875	0	
137	N137		-2.100007	-0.333656	Ö	
138	N139	-6.206329	0	-0.208333	0	
139	N140	-6.133975	0	-0.270994	0	
140	N141	-6.170152		-0.208333	0	
141	N144	6.133975	0		O	
142	N145	6.206329	0	-0.333656	0	
143	N146	6.170152	0	-0.270994		
144	N146A	5.882611	1.875	-2.394352	0	
145	N147	5.882611	-2.125	-2.394352	0	
146	N148	6.315624	1.875	-2.644352	0	
147	N149	6.315624	-2.125	-2.644352	0	
148	N150	6.315624	2.875	-2.644352	0	
149	N151	6.315624	-3.125	-2.644352	0	
150	N150A	0	-0.166667	-2.125	0	
151	N151A	.25	-0.166667	-2.125	0	
152	N152	.25	-1.166667	-2.125	0	
153	N153	.25	2.833333	-2.125	0	
154	N155	1.47946	-0.166667	-4.6875	0	
155	N156	1.35446	-0.166667	-4.904006	0	
156	N157	1.35446	-1.166667	-4.904006	0	
157	N158	1.35446	2.833333	-4.904006	00	
158	N160	-1.47946	-0.166667	-4.6875	0	
159	N161	-1.60446	-0.166667	-4.470994	0	
160	N162	-1.60446	-1.166667	-4.470994	0	
161	N163	-1.60446	2.833333	-4.470994	0	



Hot Rolled Steel Section Sets

,	Label	Shape	Type	Design List	Material	Design	A [in2]	Ivv [in4]	Izz [in4]	J [in4]
1	Back Standoff HSS	HSS4X4X5	Beam	Tube			4.1	9.14	9.14	15.3
2	Platform Angle	L3X3X5	Beam	Single Angle	A36 Gr.36	Typical	1.78	1.5	1.5	.06
3	Mount Pipe	PIPE 2.0	Column	Pipe	A53 Gr. B	Typical	1.02	.627	.627	1.25
4	Front Standoff HSS	HSS4.5X4.5X3	Beam	Tube	A500 Gr. B 46	Typical	2.93	9.02	9.02	14.4
5	MOD Support Rail	PIPE 2.5	Beam	Pipe	A53 Gr. B	Typical	1.61	1.45	1.45	2.89
6	MOD Corner Angle	L3X3X4	Beam	Single Angle	A36 Gr.36	Typical	1.44	1.23	1.23	.031
7	MOD Kicker	LL3x3x3x6	Column	Double Angle (3/	A36 Gr.36	Typical	2.18	4.97	1.9	.027

Hot Rolled Steel Properties

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

Member Primary Data

	Label	I Joint	J Joint	K Joint	Rotate(deg) Section/Shape	Type	Design List	Material	Design Rules
1	M1	N3	N2		270	Platform Angle	Beam	Single Angle	A36 Gr.36	Typical
2	M2	N2	N5		270	Platform Angle	Beam	Single Angle	A36 Gr.36	Typical
3	M3	N5	N6		270	Platform Angle	Beam	Single Angle		Typical
4	M4	N6	N3		270	Platform Angle	Beam	Single Angle	A36 Gr.36	Typical
5	M5	N7	N26			Back Standoff	Beam		A500 Gr	Typical
6	M22	N23A	N1			RIGID	None	None	RIGID	Typical
7	M23	N4	N26	}		RIGID	None	None	RIGID	Typical
8	M8	N26	N1			Front Standoff	Beam	Tube	A500 Gr	Typical
9	M9	N13	N12		270	Platform Angle	Beam	Single Angle	A36 Gr.36	Typical
10	M10	N12	N15		270	Platform Angle	Beam	Single Angle	A36 Gr.36	Typical
11	M11	N15	N16		270	Platform Angle	Beam	Single Angle	A36 Gr.36	Typical
12	M12	N16	N13		270	Platform Angle	Beam	Single Angle	A36 Gr.36	Typical
13	M13	N17	N20			Back Standoff	Beam	Tube	A500 Gr	Typical
14	M14	N19	N11			RIGID	None	None	RIGID	Typical
15	M15	N14	N20			RIGID	None	None	RIGID	Typical
16	M16	N20	N11		- VI	Front Standoff	Beam	Tube	A500 Gr	Typical
17	M17	N23	N22		270	Platform Angle	Beam	Single Angle	A36 Gr.36	Typical
18	M18	N22	N25		270	Platform Angle	Beam	Single Angle	A36 Gr.36	Typical
19	M19	N25	N26A		270	Platform Angle	Beam	Single Angle	A36 Gr.36	Typical
20	M20	N26A	N23		270	Platform Angle	Beam	Single Angle	A36 Gr.36	Typical
21	M21	N27	N30			Back Standoff	Beam	Tube	A500 Gr	Typical
22	M22A	N29	N21			RIGID	None	None	RIGID	Typical
23	M23A	N24	N30			RIGID	None	None	RIGID	Typical
24	M24	N30	N21			Front Standoff	Beam	Tube	A500 Gr	Typical
25	M25	N26A	N15			RIGID	None	None	RIGID	Typical
26	M26	N30A	N29A			RIGID	None	None	RIGID	Typical
27	M27	N23	N12			RIGID	None	None	RIGID	Typical
28	M28	N6	N25			RIGID	None	None	RIGID	Typical
29	M29	N37	N36			RIGID	None	None	RIGID	Typical
30	M30	N3	N22			RIGID	None	None	RIGID	Typical
31	M31	N16	N5			RIGID	None	None	RIGID	Typical
32	M32	N44	N43			RIGID	None	None	RIGID	Typical
33	M33	N13	N2			RIGID	None	None	RIGID	Typical
34	M34	N35	N36A			RIGID	None	None	RIGID	Typical

Member Primary Data (Continued)

wem	ber Primaı						227	22 27 Neg 31	12 X 8 Y	
	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
35	MP1A	N37A	N38			Mount Pipe		Pipe	A53 Gr. B	
36	M36	N39	N40			RIGID	None	None	RIGID	Typical
37	MP2A	N41	N42			Mount Pipe	Column	Pipe	A53 Gr. B	
38	M38	N43A	N44A	10.77 m 3		RIGID	None	None	RIGID	Typical
39	MP3A	N45	N46			Mount Pipe	Column	Pipe	A53 Gr. B	Typical
40	M40	N47	N48		N-MIN'S	RIGID	None	None	RIGID	Typical
41	MP4A	N49	N50			Mount Pipe	Column	Pipe	A53 Gr. B	
42	M42	N52	N53		THE REAL PROPERTY.	RIGID	None	None	RIGID	Typical
43	MP1C	N54	N55			Mount Pipe	Column	Pipe	A53 Gr. B	
44	M44	N56	N57			RIGID	None	None	RIGID	Typical
45	MP2C	N58	N59			Mount Pipe	Column	Pipe	A53 Gr. B	Typical
46	M46	N60	N61			RIGID	None	None	RIGID	Typical
47	MP3CA	N62	N63			Mount Pipe	Column	Pipe	A53 Gr. B	Typical
48	M48	N64	N65			RIGID	None	None	RIGID	Typical
49	MP4CA	N66	N67			Mount Pipe	Column	Pipe	A53 Gr. B	Typical
50	M50	N69	N70			RIGID	None	None	RIGID	Typical
51	MP1B	N71	N72			Mount Pipe	Column	Pipe	A53 Gr. B	
52	M52	N73	N74	5 , 144-		RIGID	None	None	RIGID	Typical
53	MP2B	N75	N76			Mount Pipe	Column	Pipe	A53 Gr. B	
	M54	N73	N78			RIGID	None	None	RIGID	Typical
54		N79	N80			Mount Pipe	Column	Pipe	A53 Gr. B	
55	MP3B	N81	N82			RIGID	None	None	RIGID	Typical
56	M56		N84			Mount Pipe	Column	Pipe	A53 Gr. B	
57	MP4B	N83	N85			RIGID	None	None	RIGID	Typical
58	M58	N83A				RIGID	None	None	RIGID	Typical
59	M59	N84A	N86			Mount Pipe		Pipe	A53 Gr. B	
60	MP3C	N87	N88		070			Pipe	A53 Gr. B	
61	M61	N90	N89		270	MOD Support		None	RIGID	Typical
62	M62	N91	N92			RIGID	None		RIGID	Typical
63	M63	N93	N94			RIGID	None	None		Typical
64	M64	N95	N96			RIGID	None	None	RIGID	
65	M65	N97	N98			RIGID	None	None	RIGID	Typical
66	M66	N101	N100 _		270	MOD Support	Beam	Pipe	A53 Gr. B	
67	M67	N102	N103			RIGID	None	None	RIGID	Typical
68	M68	N104	N105			RIGID	None	None	RIGID	Typical
69	M69	N106	N107			RIGID	None	None	RIGID	Typical
70	M70	N108	N109			RIGID	None	None	RIGID	Typical
71	M71	N112	N111		270	MOD Support		Pipe	A53 Gr. B	
72	M72	N113	N114			RIGID	None	None	RIGID	Typical
73	M73	N115	N116			RIGID	None	None	RIGID	Typical
74	M74	N117	N118			RIGID	None	None	RIGID	Typical
75	M75	N119	N120			RIGID	None	None	RIGID	Typical
76	M76	N119A	N121	PARTY I		RIGID	None	None	RIGID	Typical
77	M77	N120A	N122			RIGID	None	None	RIGID	Typical
78	M78	N124	N126			RIGID	None	None	RIGID	Typical
79	M79	N125	N127			RIGID	None	None	RIGID	Typical
80	M80	N129	N131			RIGID	None	None	RIGID	Typical
81	M81	N130	N132			RIGID	None	None	RIGID	Typical
82	M82	N121	N132		90	MOD Corner A.		Single Angle		Typical
83	M83	N126	N122			MOD Corner A.		Single Angle	A36 Gr.36	Typical
84	M84	N131	N127			MOD Corner A.		Single Angle	A36 Gr.36	Typical
85	M85	N132A	N131A			RIGID	None	None	RIGID	Typical
86	M86	N133	N134			MOD Kicker	Column	Double Angle (.		Typical
87	M87	N140	N139			RIGID	None	None	RIGID	Typical
88	M88	N141	N136	VIKITE IE		MOD Kicker	Column	Double Angle (.		Typical
89	M89	N145	N144			RIGID	None	None	RIGID	Typical
90	M90	N145	N137			MOD Kicker	Column	Double Angle (.		Typical
91	M91	N146A	N148			RIGID	None	None	RIGID	Typical
91	IVIST	11140A	14140			1,1010	1,10110	1,0110		

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
92	M92	N147	N149			RIGID	None	None	RIGID	Typical
93	MP4C	N150	N151			Mount Pipe	Column	Pipe	A53 Gr. B	
94	M94	N150A	N151A	W POW		RIGID	None	None	RIGID	Typical
95	M95	N153	N152			Mount Pipe	Column	Pipe	A53 Gr. B	
96	M96	N155	N156	5 37		RIGID	None	None	RIGID	Typical
97	M97	N158	N157			Mount Pipe	Column	Pipe	A53 Gr. B	
98	M98	N160	N161			RIGID	None	None	RIGID	Typical
99	M99	N163	N162			Mount Pipe	Column	Pipe	A53 Gr. B	

Member Advanced Data

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat	Analysis	Inactive	Seismic
_ 1	M1				10 10		Yes		1,000,000,000	(3,44,5,5	None
2	M2		10 1				Yes				None
3	M3						Yes				None
4	M4	4					Yes		THE EAST		None
5	M5						Yes				None
	M22						Yes	** NA **			None
7	M23						Yes	** NA **			None
8	M8						Yes				None
9	M9						Yes				None
10	M10						Yes				None
11	M11						Yes				None
12	M12						Yes			9,-41,1.5	None
13	M13						Yes				None
14	M14						Yes	** NA **	THE RESERVE		None
15	M15						Yes	** NA **			None
16	M16	-		10 10 10 10			Yes				None
17	M17						Yes				None
18	M18						Yes				None
19	M19						Yes				None
20	M20						Yes				None
21	M21						Yes				None
22	M22A						Yes	** NA **			None
23	M23A						Yes	** NA **			None
24	M24						Yes				None
25	M25	000000					Yes	** NA **			None
26	M26	000X00					Yes	** NA **			None
27	M27	000000					Yes	** NA **			None
28	M28	000000			V 4 11 - 34-)		Yes	** NA **		1	None
29	M29	000X00					Yes	** NA **			None
30	M30	00000					Yes	** NA **		100000	None
31	M31	000X00					Yes	** NA **			None
32	M32	000000					Yes	** NA **		4 7 1	None
33	M33	000000					Yes	** NA **			None
34	M34		45 -				Yes	** NA **		11 -51-5	None
35	MP1A						Yes	** NA **			None
36	M36			Carry III			Yes	** NA **		- 10,00	None
37	MP2A						Yes	** NA **			None
38	M38						Yes	** NA **			None
39	MP3A						Yes	** NA **			None
40	M40							** NA **			None
41	MP4A						Yes	** NA **			None
42	M42							** NA **			None
43	MP1C						Yes	** NA **			None
44	M44						Yes	** NA **			None

Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only		Defl RatAnalysis	Inactive	Seismic
45	MP2C			-			Yes	** NA **		None
46	M46						Yes	** NA **	W I	None
47	MP3CA						Yes	** NA **		None
48	M48		9				Yes	** NA **		None
49	MP4CA						Yes	** NA **		None
50	M50			NI S			Yes	** NA **		None
51	MP1B						Yes	** NA **		None
52	M52					100 20	Yes	** NA **		None
53	MP2B						Yes	** NA **		None
54	M54	5					Yes	** NA **		None
55	MP3B						Yes	** NA **		None
56	M56			-1775-			Yes	** NA **		None
57	MP4B						Yes	** NA **		None
58	M58			Del Car			Yes	** NA **		None
59	M59						Yes	** NA **		None
60	MP3C						Yes	** NA **	VI	None
61	M61						Yes			None
				T. J. 1997 C			Yes	** NA **		None
62	M62	-	1	ORESTS - III			Yes	** NA **		None
63	M63				9 10 50		Yes	** NA **	March 19 19 19 19 19 19 19 19 19 19 19 19 19	None
64	M64			/ N. P			Yes	** NA **		None
65	M65			100			Yes	IVA		None
66	M66							** NA **		None
67	M67						Yes	** NA **		None
68	M68			TO VELLEY			Yes		Maria Company	
69	M69						Yes	** NA **		None
70	M70						Yes	** NA **		None
71	M71						Yes	Lance of the same		None
72	M72						Yes	** NA **		None
73	M73						Yes	** NA **		None
74	M74						Yes	** NA **		None
75	M75						Yes	** NA **		None
76	M76		000000				Yes	** NA **		None
77	M77		000000				Yes	** NA **		None
78	M78		000000		2 1 - 1		Yes	** NA **		None
79	M79		000000				Yes	** NA **		None
80	M80		000000	Language and			Yes	** NA **		None
81	M81		000000				Yes	** NA **		None
82	M82	1001		TV TO THE			Yes			None
83	M83						Yes			None
84	M84			E.E.			Yes			None
85	M85						Yes	** NA **		None
86	M86	BenPIN	BenPIN				Yes	** NA **		None
	M87	DEITTIN	DONE				Yes	** NA **		None
87	M88	BenPIN	BenPIN	38			Yes	** NA **		None
88		DeliFiN	DeliFill				Yes	** NA **		None
89	M89	BenPIN	BenPIN				Yes	** NA **		None
90	M90	Denriin	DeliPin				Yes	** NA **		None
91	M91						Yes	** NA **		None
92	M92							** NA **		None
93	MP4C			7 1 2 2 2 2 2 2			Yes	** NA **		None
94	M94						Yes	** N.A **		
95	M95						Yes	** NA ** ** NA **		None
96	M96						Yes			None
97	M97						Yes	** NA **		None
98	M98						Yes	** NA **	L-MILV.	None
99	M99						Yes	** NA **		None

Member Point Loads (BLC 1 : Antenna D)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M97	Y	-32	1
2	M97	My	0	1
3	M97	Mz	0	1
4	M95	Y	-32	A TOWN TOWN
5	M95	My	0	1
6	M95	Mz	0	
7	MP4A	Y	-43.55	2
8	MP4A	My	022	2
9	MP4A	Mz	0	2
10	MP4A	Y	-43.55	4
11	MP4A	My	022	4
12	MP4A	Mz	0	4
13	MP4B	Y	-43.55	2
14	MP4B	My	.011	2
15	MP4B	Mz	019	2
16	MP4B	Y	-43.55	4
17	MP4B	My	.011	4
18	MP4B	Mz	019	4
19	MP4C	Y	-43.55	2
20	MP4C	My	0	2
21	MP4C	Mz	.022	2
22	MP4C	Y	-43.55	4
23	MP4C	My	0	4
24	MP4C	Mz	.022	4
25	MP2A	Y	-74.7	1.5
26	MP2A	My	.037	1.5
27	MP2A	Mz	0	1.5
28	MP2B	Y		
29	MP2B	My	-74.7	1.5
30	MP2B		019 .032	1.5
31		Mz		1.5
32	MP2C MP2C		-74.7	1.5
33		My	0	1.5
	MP2C	Mz	037	1.5
34	MP3A	Y	-70.3	1.5
35	MP3A	My	.035	1.5
36	MP3A	Mz	0	1.5
37	MP3B	Y	-70.3	1.5
38	MP3B	My	018	1.5
39	MP3B	Mz	.03	1.5
40	MP3C	Y	-70.3	1.5
41	MP3C	My	0	1.5
42	MP3C	Mz	035	1.5
43	MP1B	Y	-9.6	.5
44	MP1B	My	.002	.5
45	MP1B	Mz	004	.5
46	MP1B	Y	-9.6	5.5
47	MP1B	My	.002	5.5
48	MP1B	Mz	004	5.5
49	MP1C	Y	-6	1.5
50	MP1C	My	0	1.5
51	MP1C	Mz	.003	1.5
52	MP1C	Y	-6	4.5
53	MP1C	My	0	4.5
54	MP1C	Mz	.003	4.5
55	MP1A	Y	-9	.5
56	MP1A	My	004	.5



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
57	MP1A	Mz	0	.5_
58	MP1A	Y	-9	5.5
59	MP1A	My	004	5.5
60	MP1A	Mz	0	5.5
61	MP3A	Y	-20	.5
62	MP3A	My	01	.5
63	MP3A	Mz	.012	.5
64	MP3A	Y	-20	5.5
65	MP3A	My	01	5.5
66	MP3A	Mz	.012	5.5
67	MP3B	Y	-20	.5
68	MP3B	My	005	.5
69	MP3B	Mz	014	.5
70	MP3B	Y	-20	5.5
71	MP3B	My	005	5.5
72	MP3B	Mz	014	5.5
73	MP3C	Y	-20	.5
74	MP3C	My	.012	.5
75	MP3C	Mz	.01	.5
76	MP3C	Y	-20	5.5
77	MP3C	My	.012	5.5
78	MP3C	Mz	.01	5.5
79	MP3A	Y	-20	.5
80	MP3A	My	01	.5
81	MP3A	Mz	012	.5
82	MP3A	Y	-20	5.5
83	MP3A	My	01	5.5
84	MP3A	Mz	012	5.5
85	MP3B	Y	-20	.5
86	MP3B	My	.015	.5
87	MP3B	Mz	003	.5
88	MP3B	Y	-20	5.5
89	MP3B	My	.015	5.5
90	MP3B	Mz	003	5.5
91	MP3C	Y	-20	.5
92	MP3C	My	012	.5
93	MP3C	Mz	.01	.5
94	MP3C	Y	-20	5.5
95	MP3C	My	012	5.5
96	MP3C	Mz	.01	5.5
97	M61	Y	-17.6	5.5
98	M61	Mv	003	5.5
99	M61	Mz	0	5.5
100	M61	Y	-17.6	5.5
101	M61	My	.003	5.5
102	M61	Mz	0	5.5

Member Point Loads (BLC 2 : Antenna Di)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M97	Y	-133.963	1
2	M97	My	0	
3	M97	Mz	0	1
4	M95	Y	-133.963	1
5	M95	My	0	1
6	M95	Mz	0	
7	MP4A	Y	-54.72	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
8	MP4A	My	027	2
9	MP4A	Mz	0	2
10	MP4A	Y	-54.72	4
11	MP4A	My	027	4
12	MP4A	Mz	0	4
13	MP4B	Y	-54.72	2
14	MP4B	My	.014	2
15	MP4B	Mz	024	2
16	MP4B	Y	-54.72	4
17	MP4B	My	.014	4
18	MP4B	Mz	024	4
19	MP4C	Y	-54.72	2
20	MP4C	My	0	2
21	MP4C	Mz	.027	2
22	MP4C	Y	-54.72	4
23	MP4C	My	0	4
24	MP4C	Mz	.027	4
25	MP2A	Υ	-69.503	1.5
26	MP2A	My	.035	1.5
27	MP2A	Mz	0	1.5
28	MP2B	Υ	-69.503	1.5
29	MP2B	My	017	1.5
30	MP2B	Mz	.03	1.5
31	MP2C	Y	-69.503	1.5
32	MP2C	My	0	1.5
33	MP2C	Mz	035	1.5
34	MP3A	Y	-66.296	1.5
35	MP3A	My	.033	1.5
36	MP3A	Mz	0	1.5
37	MP3B	Y	-66.296	1.5
38	MP3B	My	017	1.5
39	MP3B	Mz	.029	1.5
40	MP3C	Y	-66.296	1.5
41	MP3C	My	0	1.5
42	MP3C	Mz	033	1.5
43	MP1B	Y	-77.625	.5
44	MP1B	My	.019	.5
45	MP1B	Mz	034	.5
46	MP1B	Y	-77.625	5.5
47	MP1B	My	.019	5.5
48	MP1B	Mz	034	5.5
49	MP1C	Y	-47.799	1.5
50	MP1C	My	0	1.5
51	MP1C	Mz	.024	1.5
52	MP1C	Y	-47.799	4.5
53	MP1C	My	0	4.5
54	MP1C	Mz	.024	4.5
55	MP1A	Y	-69.019	.5
56	MP1A	My	035	.5
57	MP1A	Mz	0	.5
58	MP1A	Y	-69.019	5.5
59	MP1A	My	035	5.5
60	MP1A	Mz	0	5.5
61	MP3A	Y	-93.442	.5
62	MP3A	My	-93.442	.5
63	MP3A	Mz	.055	.5
64	MP3A	Y	-93.442	5.5



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

Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
65 MP3A	My	047	5.5
66 MP3A	Mz	.055	5.5
67 MP3B	Y	-93.442	.5
68 MP3B	My	024	.5
69 MP3B	Mz	068	.5
70 MP3B	Y	-93.442	5.5
71 MP3B	My	024	5.5
72 MP3B	Mz	068	5.5
73 MP3C	Y	-93.442	.5
74 MP3C	My	.055	.5
75 MP3C	Mz	.047	.5
76 MP3C	Y	-93.442	5.5
77 MP3C	Mv	.055	5.5
78 MP3C	Mz	.047	5.5
79 MP3A	Y	-93.442	.5
80 MP3A	My	047	.5
81 MP3A	Mz	055	.5
82 MP3A	Y	-93.442	5.5
83 MP3A	My	047	5.5
84 MP3A	Mz	055	5.5
85 MP3B	Y	-93.442	.5
86 MP3B	My	.071	.5
87 MP3B	Mz	013	.5
88 MP3B	Y	-93.442	5.5
89 MP3B	My	.071	5.5
90 MP3B	Mz	013	5.5
91 MP3C	Y	-93.442	.5
92 MP3C	My	055	.5
93 MP3C	Mz	.047	.5
94 MP3C	Y	-93.442	5.5
95 MP3C	My	055	5.5
96 MP3C	Mz	.047	5.5
97 M61	Y	-27.901	5.5
98 M61	My	005	5.5
99 M61	Mz	0	5.5
100 M61	Y	-27.901	5.5
101 M61	My	.005	5.5
102 M61	Mz	0	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M97	X	0	11
2	M97	Z	-127.211	
3	M97	Mx	0	1111
4	M95	X		
5	M95	Z	-127.211	11
6	M95	Mx	0	
7	MP4A	X	0	2
8	MP4A	Z	-78.654	2
9	MP4A	Mx	0	2
10	MP4A	X	0	4
11	MP4A	Z	-78.654	4
12	MP4A	Mx	0	4
13	MP4B	X	0	2
14	MP4B	Z	-39.979	2
15	MP4B	Mx	.017	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
16	MP4B	X	0	4
17	MP4B	Z	-39.979	4
18	MP4B	Mx	.017	4
19	MP4C	X	0	2
20	MP4C	Z	-27.088	2
21	MP4C	Mx	014	2
22	MP4C	X	0	4
23	MP4C	Z	-27.088	4
24	MP4C	Mx	014	4
25	MP2A	X	0	1.5
26	MP2A	Z	-62.201	1.5
27	MP2A	Mx	0	1.5
28	MP2B	X	0	1.5
29	MP2B	Z	-46.852	1.5
30	MP2B	Mx	02	1.5
31	MP2C	X	0	1.5
32	MP2C	Z	-41.735	1.5
33	MP2C	Mx	.021	1.5
34	MP3A	X	0	1.5
35	MP3A	Z	-62.201	1.5
36	MP3A	Mx	0	1.5
37	MP3B	X	0	1.5
38	MP3B	Z	-43.842	1.5
39	MP3B	Mx	019	1.5
40	MP3C	X	0	1.5
41	MP3C	Z	-37.722	1.5
42	MP3C	Mx	.019	1.5
43	MP1B	X	0	.5
44	MP1B	Z	-97.139	.5
45	MP1B	Mx	.042	.5
46	MP1B	X	0	5.5
47	MP1B	Z	-97.139	5.5
48	MP1B	Mx	.042	5.5
49	MP1C	X	0	1.5
50	MP1C	Z	-56.038	1.5
51	MP1C	Mx	028	1.5
52	MP1C	X	0	4.5
53	MP1C	Z	-56.038	4.5
54	MP1C	Mx	028	4.5
55	MP1A	X	0	.5
56	MP1A	Z	-115.574	.5
57	MP1A	Mx	0	.5
58	MP1A	X	0	5.5
59	MP1A	Z	-115.574	5.5
60	MP1A	Mx	0	5.5
61	MP3A		0	.5
62	MP3A	X	-110.558	.5
63	MP3A	Mx	064	.5
64	MP3A	X	0	5.5
65	MP3A	Ž	-110.558	5.5
66	MP3A	Mx	064	5.5
67	MP3B	X	0	.5
68	MP3B	X	-63.305	.5
69	MP3B	Mx	.046	.5
70	MP3B	X	.048	5.5
71	MP3B	Z	-63.305	5.5
72	MP3B	Mx	.046	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
73	MP3C	X	0	.5
74	MP3C	Z	-47.554	.5
75	MP3C	Mx	024	.5
76	MP3C	X	0	5.5
77	MP3C	Z	-47.554	5.5
78	MP3C	Mx	024	5.5
79	MP3A	X	0	.5
80	MP3A	Z	-110.558	.5
81	MP3A	Mx	.064	.5
82	MP3A	X	0	5.5
83	MP3A	Z	-110.558	5.5
84	MP3A	Mx	.064	5.5
85	MP3B	X	0	.5
86	MP3B	Z	-63.305	.5
87	MP3B	Mx	.009	.5
88	MP3B	X	0	5.5
89	MP3B	Z	-63.305	5.5
90	MP3B	Mx	.009	5.5
91	MP3C	X	0	.5
92	MP3C	Z	-47.554	.5
93	MP3C	Mx	024	.5
94	MP3C	X	0	5.5
95	MP3C	Z	-47.554	5.5
96	MP3C	Mx	024	5.5
97	M61	X	0	5.5
98	M61	Z	-38.525	5.5
99	M61	Mx	0	5.5
100	M61	X	0	5.5
101	M61	Z	-38.525	5.5
102	M61	Mx	0	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M97	X	59.793	1
2	M97	Z	-103.565	
3	M97	Mx	0	1
4	M95	X	59.793	
5	M95	Z	-103.565	11
6	M95	Mx	0	1
7	MP4A	X	32.881	2
8	MP4A	Z	-56.952	2
9	MP4A	Mx	016	2
10	MP4A	X	32.881	4
11	MP4A	Z	-56.952	4
12	MP4A	Mx	016	4
13	MP4B	X	13,544	2
14	MP4B	Z	-23.459	2
15	MP4B	Mx	.014	2
16	MP4B	X	13.544	4
17	MP4B	Z	-23.459	4
18	MP4B	Mx	.014	4
19	MP4C	X	19.99	2
20	MP4C	Z	-34.623	2
21	MP4C	Mx	017	2
22	MP4C	X	19.99	4
23	MP4C	Z	-34.623	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
24	MP4C	Mx	017	4
25	MP2A	X	28.542	1.5
26	MP2A	Z	-49.437	1.5
27	MP2A	Mx	.014	1.5
28	MP2B	X	20.867	1.5
29	MP2B	Z	-36.144	1.5
30	MP2B	Mx	021	1.5
31 32	MP2C	X	23.426	1.5
33	MP2C MP2C		-40.575	1.5
34	MP3A	Mx	.02	1.5
35	MP3A	X	28.041 -48.568	1.5
36	MP3A	Mx	.014	1.5 1.5
37	MP3B	X	18.861	1.5
38	MP3B	X	-32.668	1.5
39	MP3B	Mx	019	1.5
40	MP3C	X	21.921	1.5
41	MP3C	Z	-37.968	1.5
42	MP3C	Mx	.019	1.5
43	MP1B	X	40.481	.5
44	MP1B	Z	-70.115	.5
45	MP1B	Mx	.04	.5
46	MP1B	X	40.481	5.5
47	MP1B	Z	-70.115	5.5
48	MP1B	Mx	.04	5.5
49	MP1C	X	29.943	1.5
50	MP1C	Z	-51.863	1.5
51	MP1C	Mx	026	1.5
52	MP1C	X	29.943	4.5
53	MP1C	Z	-51.863	4.5
54	MP1C	Mx	026	4.5
55 56	MP1A	X	54.779	.5
57	MP1A MP1A		-94.88	.5
58	MP1A	Mx X	027	.5
59	MP1A	Z	54.779 -94.88	5.5 5.5
60	MP1A	Mx	027	5.5
61	MP3A	X	47.403	.5
62	MP3A	Z	-82.105	.5
63	MP3A	Mx	072	.5
64	MP3A	X	47.403	5.5
65	MP3A	Z	-82.105	5.5
66	MP3A	Mx	072	5.5
67	MP3B	X	23.777	.5
68	MP3B	Z	-41.183	.5
69	MP3B	Mx	.024	.5
70	MP3B	X	23.777	5.5
71	MP3B	Z	-41.183	5.5
72	MP3B	Mx	.024	5.5
73	MP3C	X	31.652	.5
74	MP3C	Z	-54.823	.5
75	MP3C	Mx	009	.5
76	MP3C	X	31.652	5.5
77	MP3C	Z	-54.823	5.5
78	MP3C	Mx	009	5.5
79 80	MP3A	X	47.403	.5
OU	MP3A	Z	-82.105	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
81	MP3A	Mx	.024	.5
82	MP3A	X	47.403	5.5
83	MP3A	Z	-82.105	5.5
84	MP3A	Mx	.024	5.5
85	MP3B	X	23.777	.5
86	MP3B	Z	-41.183	.5
87	MP3B	Mx	.024	.5
88	MP3B	X	23.777	5.5
89	MP3B	Z	-41.183	5.5
90	MP3B	Mx	.024	5.5
91	MP3C	X	31.652	.5
92	MP3C	Z	-54.823	.5
93	MP3C	Mx	046	.5
94	MP3C	X	31.652	5.5
95	MP3C	Z	-54.823	5.5
96	MP3C	Mx	046	5.5
97	M61	X	15.907	5.5
98	M61	Z	-27.552	5.5
99	M61	Mx	003	5.5
100	M61	X	15.907	5.5
101	M61	Z	-27.552	5.5
102	M61	Mx	.003	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M97	X	90.359	1
2	M97	Z	-52.169	1
3	M97	Mx	0	1
4	M95	X	90.359	1
5	M95	Z	-52.169	1
6	M95	Mx	0	
7	MP4A	X	34.623	2
8	MP4A	Z	-19.99	2
9	MP4A	Mx	017	2
10	MP4A	X	34.623	4
11	MP4A	Z	-19.99	4
12	MP4A	Mx	017	4
13	MP4B	X	34.623	2 2
14	MP4B	Z	-19.99	2
15	MP4B	Mx	.017	2
16	MP4B	×	34.623	4
17	MP4B	Z	-19.99	4
18	MP4B	Mx	.017	4
19	MP4C	X	56.952	2 2
20	MP4C	Z	-32.881	
21	MP4C	Mx	016	2
22	MP4C	X	56.952	4
23	MP4C	Z	-32.881	4
24	MP4C	Mx	016	4
25	MP2A	X	40.575	1.5
26	MP2A	Z	-23.426	1.5
27	MP2A	Mx	.02	1.5
28	MP2B	X	40.575	1.5
29	MP2B	Z	-23.426	1.5
30	MP2B	Mx	02	1.5
31	MP2C	X	49.437	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
32	MP2C	Z	-28.542	1.5
33	MP2C	Mx	.014	1.5
34	MP3A	X	37.968	1.5
35	MP3A	Z	-21.921	1.5
36	MP3A	Mx	.019	1.5
37	MP3B	X	37.968	1.5
38	MP3B	Z	-21.921	1.5
39	MP3B	Mx	019	1.5
40	MP3C	X	48.568	1.5
41	MP3C	Z	-28.041	1.5
42	MP3C	Mx	.014	1.5
43	MP1B	X	84.125	.5
44	MP1B	Z	-48.57	.5
45	MP1B	Mx	.042	.5
46	MP1B	X	84.125	5.5
47	MP1B	Z	-48.57	5.5
48	MP1B	Mx	.042	5.5
49	MP1C	X	58.528	1.5
50	MP1C	Z	-33.791	1.5
51	MP1C	Mx	017	1.5
52	MP1C	X	58.528	4.5
53	MP1C	Z	-33.791	4.5
54	MP1C	Mx	017	4.5
55	MP1A	X	84.461	.5
56	MP1A	Z	-48.763	.5
57	MP1A	Mx	042	.5
58	MP1A	X	84.461	5.5
59	MP1A	Z	-48.763	5.5
60	MP1A	Mx	042	5.5
61	MP3A	X	54.823	.5
62	MP3A	Z	-31.652	.5
63	MP3A	Mx	046	.5
64	MP3A	X	54.823	5.5
65	MP3A	Z	-31.652	5.5
66	MP3A	Mx	046	5.5
67	MP3B	X	54.823	.5
68	MP3B	Z	-31.652	.5
69	MP3B	Mx	.009	.5
70	MP3B	X	54.823	5.5
71	MP3B	Z	-31.652	5.5
72	MP3B	Mx	.009	5.5
73	MP3C	X	82.105	.5
74	MP3C	Z	-47.403	.5
75	MP3C	Mx	.024	.5
76	MP3C	X	82.105	5.5
77	MP3C	Z	-47.403	5.5
78	MP3C	Mx	.024	5.5
79	MP3A	X	54.823	
80	MP3A	Z	-31.652	.5 .5
81	MP3A	Mx	-31.65Z 009	.3
82	MP3A	X		.5
			54.823	5.5
83	MP3A	Z	-31.652	5.5
84	MP3A	Mx	009	5.5
85	MP3B	X	54.823	.5
86	MP3B	Z	-31.652	.5
87	MP3B	Mx	.046	.5
88	MP3B	X	54.823	5.5



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
89	MP3B	Z	-31.652	5.5
90	MP3B	Mx	.046	5.5
91	MP3C	X	82.105	.5
92	MP3C	Z	-47.403	.5
93	MP3C	Mx	072	.5
94	MP3C	X	82.105	5.5
95	MP3C	Z	-47.403	5.5
96	MP3C	Mx	072	5.5
97	M61	X	15.93	5.5
98	M61	Z	-9.197	5.5
99	M61	Mx	003	5.5
100	M61	X	15.93	5.5
101	M61	Z	-9.197	5.5
102	M61	Mx	.003	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M97	X	96.713	11
2	M97	Z	0	
3	M97	Mx	0	1
4	M95	X	96.713	
5	M95	Z	0	1
6	M95	Mx	0	
7	MP4A	X	27.088	2
8	MP4A	Z	0	2
9	MP4A	Mx	014	2
10	MP4A	X	27.088	4
11	MP4A	Z	0	4
12	MP4A	Mx	014	4
13	MP4B	X	65.763	2
14	MP4B	Z	0	2
15	MP4B	Mx	.016	2
16	MP4B	X	65.763	4
17	MP4B	Z	0	4
18	MP4B	Mx	.016	4
19	MP4C	X	78.654	2
20	MP4C	Ž	0	2
21	MP4C	Mx	0	2
22	MP4C	X	78.654	4
23	MP4C	Ž	0	4
24	MP4C	Mx	0	4
25	MP2A	X	41.735	1.5
26	MP2A	Ž	0	1.5
27	MP2A	Mx	.021	1.5
28	MP2B	X	57.085	1.5
29	MP2B	Ž	0	1.5
30	MP2B	Mx	014	1.5
31	MP2C	Y	62.201	1.5
32	MP2C	X	0	1.5
33	MP2C	Mx	0	1.5
34	MP3A	X	37.722	1.5
35	MP3A	Z	0	1.5
36	MP3A	Mx	.019	1.5
37	MP3B	X	56.081	1.5
38	MP3B	Z	0	1.5
		Mx	014	1.5
39	MP3B	IVIX	0 14	1.0

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
40	MP3C	X	62.201	1.5
41	MP3C	Z		1,5
42	MP3C	Mx	0	1.5
43	MP1B	X	129.494	.5
44	MP1B	Z	0	.5
45	MP1B	Mx	.032	.5
46	MP1B	X	129.494	5.5
47	MP1B	Z	0	5.5
48	MP1B	Mx	.032	5.5
49	MP1C	X	71.431	1.5
50	MP1C	Z	0	1.5
51	MP1C	Mx	. 0	1.5
52	MP1C	X	71.431	4.5
53	MP1C	Z	0	4.5
54	MP1C	Mx	0	4.5
55	MP1A	X	91.511	.5
56	MP1A	Z	0	.5
57	MP1A	Mx	046	.5
58	MP1A	X	91.511	5.5
59	MP1A	Z	0	5.5
60	MP1A	Mx	046	5.5
61	MP3A	X	47.554	.5
62	MP3A	Z	0	.5
63	MP3A	Mx	024	.5
64	MP3A	X	47.554	5.5
65	MP3A	Z	0	5.5
66	MP3A	Mx	024	5.5
67	MP3B	X	94.807	.5
68	MP3B	Ž	0	.5
69	MP3B	Mx	024	.5
70	MP3B	X	94.807	5.5
71	MP3B	Z	0	5.5
72	MP3B	Mx	024	5.5
73	MP3C	X	110.558	.5
74	MP3C	Z	0	.5
75	MP3C	Mx	.064	.5
76	MP3C	X	110.558	5.5
77	MP3C	Ž	0	5.5
78	MP3C	Mx	.064	5.5
79	MP3A	X	47.554	.5
80	MP3A	Z	0	.5
81	MP3A	Mx	024	.5
82	MP3A	X	47.554	5.5
83	MP3A	Z	0	5.5
84	MP3A	Mx	024	5.5
85	MP3B	X	94.807	.5
86	MP3B	Z	94.607	.5
87	MP3B	Mx	.072	.5
88	MP3B	X	94.807	5.5
89	MP3B	Ž	0	
90	MP3B	Mx	.072	5.5
91	MP3C			5.5
92	MP3C	X	110.558	.5
			0	.5
93	MP3C	Mx	064	.5
94	MP3C	X	110.558	5.5
95	MP3C	Z	0	5.5
96	MP3C	Mx	064	5.5



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
97	M61	X	11.685	5.5
97 98	M61	Z	0	5.5
99	M61	Mx	002	5.5
99 100 101	M61	X	11.685	5.5
101	M61	Z	0	5.5
102	M61	Mx	.002	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M97	X	90.359	11
2	M97	Z	52.169	1
3	M97	M×	0	11
4	M95	X	90.359	S. 1
5	M95	Z	52.169	1
6	M95	Mx	0	1
7	MP4A	X	34.623	2
8	MP4A	Z	19.99	2
9	MP4A	Mx	017	2
10	MP4A	X	34.623	4
11	MP4A	Z	19.99	4
12	MP4A	Mx	017	4
13	MP4B	X	68,117	2
14	MP4B	Ž	39.327	2
15	MP4B	Mx	0	2
16	MP4B	X	68.117	4
7	MP4B	Z	39.327	4
18	MP4B	Mx	0	4
19	MP4C	X	56.952	2
20	MP4C	Ž	32.881	2
21	MP4C	Mx	.016	2
22	MP4C	X	56.952	4
23	MP4C	Z	32.881	4
24	MP4C	Mx	.016	4
25	MP2A	X	40.575	1.5
26	MP2A	Ž	23,426	1.5
27	MP2A	Mx	.02	1.5
28	MP2B	X	53.868	1.5
29	MP2B	Z	31.101	1.5
30	MP2B	Mx	0	1.5
31	MP2C	X	49.437	1.5
32	MP2C	Ž	28.542	1.5
33	MP2C	Mx	014	1.5
34	MP3A	X	37.968	1.5
35	MP3A	Z	21.921	1.5
36	MP3A	Mx	.019	1.5
37	MP3B	X	53.868	1.5
38	MP3B	Ž	31.101	1.5
39	MP3B	Mx	0	1.5
40	MP3C	X	48.568	1.5
	MP3C	Ž	28.041	1.5
41		Mx	014	1.5
42	MP3C	X	126.155	.5
43	MP1B	Z	72.836	.5
44	MP1B	Mx	0	.5
45	MP1B		126.155	5.5
46	MP1B	X	72.836	5.5
47	MP1B	Z	12.030	0.0

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

S	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
48	MP1B	Mx	0	5.5
49	MP1C	X	58.528	1.5
50	MP1C	Z	33.791	1.5
51	MP1C	Mx	.017	1.5
52	MP1C	X	58.528	4.5
53	MP1C	Z	33.791	4.5
54	MP1C	Mx	.017	4.5
55	MP1A	X	84.461	.5
56	MP1A	Z	48.763	.5
57	MP1A	Mx	042	.5
58	MP1A	X	84.461	5.5
59	MP1A	Z	48.763	5.5
60	MP1A	Mx	042	5.5
61	MP3A	X	54.823	.5
62	MP3A	Z	31.652	.5
63	MP3A	Mx	009	.5
64	MP3A	X	54.823	5.5
65	MP3A	Z	31.652	5.5
66	MP3A	Mx	009	5.5
67	MP3B	X	95.746	.5
68	MP3B	Z	55.279	.5
69	MP3B	Mx	064	.5
70	MP3B	X	95.746	5.5
71	MP3B	Z	55.279	5.5
72	MP3B	Mx	064	5.5
73	MP3C	X	82.105	.5
74	MP3C	Z	47.403	.5
75	MP3C	Mx	.072	.5
76	MP3C	X	82.105	5.5
77	MP3C	Z	47.403	5.5
78	MP3C	Mx	.072	5.5
79	MP3A	X	54.823	.5
80	MP3A	Z	31.652	.5
81	MP3A	Mx	046	.5
82	MP3A	X	54.823	5.5
83	MP3A	Z	31,652	5.5
84	MP3A	Mx	046	5.5
85	MP3B	X	95.746	.5
86	MP3B	Z	55.279	.5
87	MP3B	Mx	.064	.5
88	MP3B	X	95.746	5.5
89	MP3B	Z	55.279	5.5
90	MP3B	Mx	.064	5.5
91	MP3C	X	82.105	.5
92	MP3C	Z	47.403	.5
93	MP3C	Mx	024	.5
94	MP3C	X	82.105	5.5
95	MP3C	Z	47.403	5.5
96	MP3C	Mx	024	5.5
97	M61	X	15.93	5.5
98	M61		9.197	5.5
99	M61	Mx	003	5.5
100	M61	X	15.93	5.5
101	M61	Z	9.197	5.5
102	M61	Mx	.003	5.5

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

Me	ember Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M97	X	59.793	111
2	M97	Z	103.565	
3	M97	Mx	0	1
4	M95	X	59.793	
5	M95	Z	103.565	1
6	M95	Mx	0	
7	MP4A	X	32.881	2
8	MP4A	Z	56.952	2
9	MP4A	Mx	016	2
10	MP4A	X	32.881	4
11	MP4A	Z	56.952	4
12	MP4A	Mx	016	4
13	MP4B	X	32.881	2
14	MP4B	Z	56.952	2
15	MP4B	Mx	016	2
16	MP4B	X	32.881	4
17	MP4B	Z	56.952	4
18	MP4B	Mx	016	4
19	MP4C	X	19.99	2
20	MP4C	Z	34.623	2
21	MP4C	Mx	.017	2
22	MP4C	X	19.99	4
23	MP4C	Z	34.623	4
24	MP4C	Mx	.017	4
25	MP2A	X	28.542	1.5
26	MP2A	Z	49.437	1.5
27	MP2A	Mx	.014	1.5
28	MP2B	X	28.542	1.5
29	MP2B	Z	49.437	1.5
30	MP2B	Mx	.014	1.5
31	MP2C	X	23.426	1.5
32	MP2C	Z	40.575	1.5
33	MP2C	Mx	02	1.5
34	MP3A	X	28.041	1.5
35	MP3A	Z	48.568	1.5
36	MP3A	Mx	.014	1.5
37	MP3B	X	28.041	1.5
38	MP3B	Z	48.568	1.5
39	MP3B	Mx	.014	1.5
40	MP3C	X	21.921	1.5
41	MP3C	Z	37.968	1.5
42	MP3C	Mx	019	1.5
43	MP1B	X	64.747	.5
44	MP1B	Z	112.145	.5
45	MP1B	Mx	032	.5
46	MP1B	X	64.747	5.5
47	MP1B	Z	112.145	5.5
48	MP1B	Mx	032	5.5
49	MP1C	X	29.943	1.5
50	MP1C	Z	51.863	1.5
51	MP1C	Mx	.026	1.5
52	MP1C	X	29.943	4.5
53	MP1C	Ž	51.863	4.5
54	MP1C	Mx	.026	4.5
55	MP1A	X	54.779	.5
56	MP1A	Z	94.88	.5
57	MP1A	Mx	027	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP1A	X	54.779	5.5
59	MP1A	Z	94.88	5.5
60	MP1A	Mx	027	5.5
61	MP3A	X	47.403	5
62	MP3A	Z	82.105	.5
63	MP3A	Mx	.024	.5
64	MP3A	X	47.403	5.5
65	MP3A	Z	82.105	5.5
66	MP3A	Mx	.024	5.5
67	MP3B	X	47.403	.5
68	MP3B	Z	82.105	.5
69	MP3B	Mx	072	.5
70	MP3B	X	47.403	5.5
71	MP3B	Z	82.105	5.5
72	MP3B	Mx	072	5.5
73	MP3C	X	31.652	.5
74	MP3C	Z	54.823	.5
75	MP3C	Mx	.046	.5
76	MP3C	X	31.652	5.5
77	MP3C	Z	54.823	5.5
78	MP3C	Mx	.046	5.5
79	MP3A	X	47.403	.5
80	MP3A	Z	82.105	.5
81	MP3A	Mx	072	.5
82	MP3A	X	47.403	5.5
83	MP3A	Z	82.105	5.5
84	MP3A	Mx	072	5.5
85	MP3B	X	47.403	.5
86	MP3B	Z	82.105	.5
87	MP3B	Mx	.024	.5
88	MP3B	X	47.403	5.5
89	MP3B	Z	82.105	
90	MP3B	Mx	.024	5.5 5.5
91	MP3C	X	31.652	.5
92	MP3C	Z	54.823	.5
93	MP3C	Mx	.009	.5
94	MP3C	X	31.652	5.5
95	MP3C	Z	54.823	5.5
96	MP3C	Mx	.009	5.5
97	M61	X	15.907	
98	M61	Z	27.552	5.5
99	M61	Mx		5.5
100	M61	X	003 15.907	5.5
101	M61	Z		5.5
102	M61	Mx	27.552	5.5
102	IVIO	IVIX	.003	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M97	X	0	1
2	M97	Z	127,211	1
3	M97	Mx	0	1
4	M95	X	0	
5	M95	Z	127.211	1
6	M95	Mx	0	
7	MP4A	X	0	2
8	MP4A	Z	78.654	2



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
9	MP4A	Mx	0	2
10	MP4A	X	0	4
11	MP4A	Z	78.654	4
12	MP4A	Mx	0	
13	MP4B	X	0	2 2
14	MP4B	Z	39.979	
15	MP4B	Mx	017	2
16	MP4B	X	0	
7	MP4B	Z	39.979	4
8	MP4B	Mx	017	4
9	MP4C	X	0	2
20	MP4C	Z	27.088	2
21	MP4C	Mx	.014	4
22	MP4C	X	0	4
23	MP4C	Z	27.088	4
24	MP4C	Mx	.014	
25	MP2A	X	0	1.5 1.5
6	MP2A	Z	62.201	1.5
27	MP2A	Mx	0	1.5
8	MP2B	X	0	1.5
9	MP2B	Z	46.852	1.5
30	MP2B	Mx	.02	1.5
31	MP2C	X	0	
12	MP2C	Z	41.735	1.5 1.5
33	MP2C	Mx	021	1.5
34	MP3A	X	0	1.5
35	MP3A	Z	62.201	1.5
36	MP3A	Mx	0	
37	MP3B	X	0	1.5
38	MP3B	Z	43.842	1.5
39	MP3B	Mx	.019	1.5
10	MP3C	X	0	1.5
11	MP3C	Z	37.722	1.5
2	MP3C	Mx	019	1.5
3	MP1B	X	0	.5
4	MP1B	Z	97.139	.5
5	MP1B	Mx	042	.5
16	MP1B	X	0	5.5
7	MP1B	Z	97.139	5.5
8	MP1B	Mx	042	5.5
19	MP1C	X	0	1.5
0	MP1C	Z	56.038	1.5
51	MP1C	Mx	.028	1.5
52	MP1C	X	0	4.5
53	MP1C	Z	56.038	4.5
54	MP1C	Mx	.028	4.5
55	MP1A	X	0	.5
6	MP1A	Z	115.574	.5
57	MP1A	Mx	0	.5
8	MP1A	X	0	5.5
59	MP1A	Z	115,574	5.5
30	MP1A	Mx	0	5.5
61	MP3A	X	0	.5
32	MP3A	Z	110.558	.5
53	MP3A	Mx	.064	.5
54	MP3A	X	0	5.5
65	MP3A	Z	110.558	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
66	MP3A	Mx	.064	5.5
67	MP3B	X	0	.5
68	MP3B	Z	63.305	.5
69	MP3B	Mx	046	.5
70	MP3B	X	0	5.5
71	MP3B	Z	63.305	5.5
72	MP3B	Mx	046	5.5
73	MP3C	X	0	.5
74	MP3C	Z	47.554	.5
75	MP3C	Mx	.024	.5
76	MP3C	X	0	5.5
77	MP3C	Z	47.554	5.5
78	MP3C	Mx	.024	5.5
79	MP3A	X	0	.5
80	MP3A	Z	110.558	.5
81	MP3A	Mx	064	.5
82	MP3A	X	0	5.5
83	MP3A	Z	110.558	5.5
84	MP3A	Mx	064	5.5
85	MP3B	X	0	.5
86	MP3B	Z	63.305	.5
87	MP3B	Mx	009	.5
88	MP3B	X	0	5.5
89	MP3B	Z	63.305	5.5
90	MP3B	Mx	009	5.5
91	MP3C	X	0	.5
92	MP3C	Z	47.554	.5
93	MP3C	Mx	.024	.5
94	MP3C	X	0	5.5
95	MP3C	Z	47.554	5.5
96	MP3C	Mx	.024	5.5
97	M61	X	0	5.5
98	M61	Z	38.525	5.5
99	M61	Mx	0	5.5
100	M61	X	0	5.5
101	M61	Z	38.525	5.5
102	M61	Mx	0	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M97	X	-59.793	1 '
2	M97	Z	103.565	
3	M97	Mx	0	1
4	M95	X	-59.793	1
5	M95	Z	103.565	
6	M95	Mx	0	1
7	MP4A	X	-32.881	2
8	MP4A	Z	56.952	2
9	MP4A	Mx	.016	2
10	MP4A	X	-32.881	4
11	MP4A	Z	56.952	4
12	MP4A	Mx	.016	4
13	MP4B	X	-13.544	2
14	MP4B	Z	23.459	2
15	MP4B	Mx	014	2
16	MP4B	X	-13.544	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
17	MP4B	Z	23.459	4
18	MP4B	Mx	014	4
19	MP4C	X	-19.99	2
20	MP4C	Z	34.623	2
21	MP4C	Mx	.017	2
22	MP4C	X	-19.99	4
23	MP4C	Z	34.623	4
24	MP4C	Mx	.017	4
25	MP2A	X	-28.542	1.5
26	MP2A	Z	49.437	1.5
27	MP2A	Mx	014	1.5
28	MP2B	X	-20.867	1.5
29	MP2B	Z	36.144	1.5
30	MP2B	Mx	.021	1.5
31	MP2C	X	-23.426	1.5
32	MP2C	Z	40.575	1.5
33	MP2C	Mx	02	1.5
34	MP3A	X	-28.041	1.5
35	MP3A	Z	48.568	1.5
36	MP3A	Mx	014	1.5
37	MP3B	X	-18.861	1.5
38	MP3B	Z	32.668	1.5
39	MP3B	Mx	.019	1.5
40	MP3C	X	-21.921	1.5
41	MP3C	Z	37.968	1.5
42	MP3C	Mx	019	1.5
43	MP1B	X	-40.481	.5
44	MP1B	Ž	70.115	.5
45	MP1B	Mx	04	.5
46	MP1B	X	-40.481	5.5
47	MP1B	Z	70.115	5.5
48	MP1B	Mx	04	5.5
49	MP1C	X	-29.943	1.5
50	MP1C	Ž	51.863	1.5
51	MP1C	Mx	.026	1.5
52	MP1C	X	-29.943	4.5
53	MP1C	Z	51.863	4.5
54	MP1C	Mx	.026	4.5
55	MP1A	X	-54.779	.5
56	MP1A	Z	94.88	.5
57	MP1A	Mx	.027	.5
58	MP1A	X	-54.779	5.5
	MP1A	Z	94.88	5.5
59	MP1A	Mx	.027	5.5
60	MP3A	X	-47.403	.5
62	MP3A	Ž	82.105	.5
	MP3A	Mx	.072	.5
63		X	-47.403	5.5
64	MP3A	Z	82.105	5.5
65	MP3A	Mx	.072	5.5
66	MP3A	X	-23.777	.5
67	MP3B	Z	41.183	.5
68	MP3B		024	.5
69	MP3B	Mx	-23.777	5.5
70	MP3B	X	41.183	5.5
71	MP3B		024	5.5
72	MP3B MP3C	Mx X	-31.652	.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
74	MP3C	Z	54.823	.5
75	MP3C	Mx	.009	,5
76	MP3C	X	-31.652	5.5
77	MP3C	Z	54.823	5.5
78	MP3C	Mx	.009	5.5
79	MP3A	X	-47.403	.5
80	MP3A	Z	82.105	.5
81	MP3A	Mx	024	.5
82	MP3A	X	-47.403	5.5
83	MP3A	Z	82.105	5.5
84	MP3A	Mx	024	5.5
85	MP3B	X	-23.777	.5
86	MP3B	Z	41.183	.5
87	MP3B	Mx	024	.5
88	MP3B	X	-23.777	5.5
89	MP3B	Z	41.183	5.5
90	MP3B	Mx	024	5.5
91	MP3C	X	-31.652	.5
92	MP3C	Z	54.823	.5
93	MP3C	Mx	.046	.5
94	MP3C	X	-31.652	5.5
95	MP3C	Z	54.823	5.5
96	MP3C	Mx	.046	5.5
97	M61	X	-15.907	5.5
98	M61	Z	27.552	5.5
99	M61	Mx	.003	5.5
100	M61	X	-15.907	5.5
101	M61	Z	27.552	5.5
102	M61	Mx	003	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M97	X	-90.359	1
2	M97	Z	52.169	1
3	M97	Mx	0	1
4	M95	X	-90.359	Maria Maria
5	M95	Z	52.169	1
6	M95	Mx	0	
7	MP4A	X	-34.623	2
8	MP4A	Z	19.99	2
9	MP4A	Mx	.017	2
10	MP4A	X	-34.623	4
11	MP4A	Z	19.99	4
12	MP4A	Mx	.017	4
13	MP4B	X	-34.623	2
14	MP4B	Z	19.99	2
15	MP4B	Mx	017	2
16	MP4B	X	-34.623	4
17	MP4B	Z	19.99	4
18	MP4B	Mx	017	4
19	MP4C	X	-56.952	2
20	MP4C	Z	32.881	2
21	MP4C	Mx	.016	2
22	MP4C	X	-56.952	4
23	MP4C	Z	32.881	4
24	MP4C	Mx	.016	4

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

V	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft.%]
25	MP2A	X	-40.575	1.5
26	MP2A		23.426	1.5
27	MP2A	Mx	02	1.5
28	MP2B	X	-40.575	1.5
29	MP2B	Z	23.426	1.5
30	MP2B	Mx	.02	1.5
31	MP2C	X	-49.437	1.5
32	MP2C	Z	28.542	1.5
33	MP2C	Mx	014	1.5
34	MP3A	X	-37.968	1.5
35	MP3A	Z	21.921	1.5
36	MP3A	Mx	019	1.5
37	MP3B	X	-37.968	1.5
38	MP3B	Z	21.921	1.5
39	MP3B	Mx	.019	1.5
40	MP3C	X	-48.568	1.5
41	MP3C	Z	28.041	1.5
42	MP3C	Mx	014	1.5
43	MP1B	X	-84.125	.5
44	MP1B	Z	48.57	.5
45	MP1B	Mx	042	.5
46	MP1B	X	-84.125	5.5
47	MP1B	Z	48.57	5.5
48	MP1B	Mx	042	5.5
49	MP1C	X	-58.528	1.5
50	MP1C	Z	33.791	1.5
51	MP1C	Mx	.017	1.5
52	MP1C	X	-58.528	4.5
53	MP1C	Z	33.791	4.5
54	MP1C	Mx	.017	4.5
55	MP1A	X	-84.461	.5
56	MP1A	Z	48.763	.5
57	MP1A	Mx	.042	,5
58	MP1A	X	-84.461	5.5
59	MP1A	Z	48.763	5.5
60	MP1A	Mx	.042	5.5
61	MP3A	X	-54.823	.5
62	MP3A	Z	31.652	.5
63	MP3A	Mx	.046	.5
64	MP3A	X	-54.823	5.5
65	MP3A	Z	31.652	5.5
66	MP3A	Mx	.046	5.5
67	MP3B	X	-54.823	.5
68	MP3B	Z	31.652	.5
69	MP3B	Mx	009	.5
70	MP3B	X	-54.823	5.5
71	MP3B	Z	31.652	5.5
72	MP3B	Mx	009	5.5
73	MP3C	X	-82.105	.5
74	MP3C	Ž	47.403	.5
75	MP3C	Mx	024	.5
76	MP3C	X	-82.105	5.5
77	MP3C	Z	47.403	5.5
78	MP3C	Mx	024	5.5
79	MP3A	X	-54.823	.5
80	MP3A	Z	31.652	.5
81	MP3A	Mx	.009	.5
01	IVIT JA	IVIA	.000	

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
82	MP3A	X	-54.823	5.5
83	MP3A	Z	31.652	5.5
84	MP3A	Mx	.009	5.5
85	MP3B	X	-54.823	.5
86	MP3B	Z	31.652	.5
87	MP3B	Mx	046	.5
88	MP3B	X	-54.823	5.5
89	MP3B	Z	31.652	5.5
90	MP3B	Mx	046	5.5
91	MP3C	X	-82.105	.5
92	MP3C	Z	47.403	.5
93	MP3C	Mx	.072	.5
94	MP3C	X	-82.105	5.5
95	MP3C	Z	47.403	5.5
96	MP3C	Mx	.072	5.5
97	M61	X	-15.93	5.5
98	M61	Z	9.197	5.5
99	M61	Mx	.003	5.5
100	M61	X	-15.93	5.5
101	M61	Z	9.197	5.5
102	M61	Mx	003	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M97	X	-96.713	1
2	M97	Z	0	1
3	M97	Mx	0	1
4	M95	X	-96.713	
5	M95	Z	0	1
6	M95	Mx	0	1
7	MP4A	X	-27.088	2
8	MP4A	Z	0	2
9	MP4A	Mx	.014	2
10	MP4A	×	-27.088	4
11	MP4A	Z	0	4
12	MP4A	Mx	.014	4
13	MP4B	X	-65.763	2
14	MP4B	Z	0	2
15	MP4B	Mx	016	2
16	MP4B	X	-65.763	4
17	MP4B	Z	0	4
18	MP4B	Mx	016	4
19	MP4C	X	-78.654	2
20	MP4C	Z	0	2
21	MP4C	Mx	0	2
22	MP4C	X	-78.654	4
23	MP4C	Z	0	4
24	MP4C	Mx	0	4
25	MP2A	X	-41.735	1.5
26	MP2A	Z	0	1.5
27	MP2A	Mx	021	1.5
28	MP2B	X	-57.085	1.5
29	MP2B	Z	0	1.5
30	MP2B	Mx	.014	1.5
31	MP2C	X	-62.201	1.5
32	MP2C	Z	0	1.5



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
33	MP2C	Mx	0	1.5
34	MP3A	X	-37.722	1.5
35	MP3A	Z	0	1.5
36	MP3A	Mx	019	1.5
37	MP3B	X	-56.081	1.5
38	MP3B	Z	0	1.5
39	MP3B	Mx	.014	1.5
40	MP3C	X	-62.201	1.5
41	MP3C	Z	0	1.5
42	MP3C	Mx	0	1.5
43	MP1B	X	-129.494	.5
44	MP1B	Z	0	.5
45	MP1B	Mx	032	.5
46	MP1B	X	-129.494	5.5
47	MP1B	Z	0	5.5
48	MP1B	Mx	032	5.5
49	MP1C	X	-71.431	1.5
50	MP1C	Z	0 0	1.5
51	MP1C	Mx	0	1.5
52	MP1C	X	-71.431	4.5
53	MP1C	Z	0	4.5
54	MP1C	Mx	0	4.5
55	MP1A	X	-91.511	.5
56	MP1A	Z	0	.5
57	MP1A	Mx	.046	.5
58	MP1A	X	-91.511	5.5
59	MP1A	Z	0 -	5.5
60	MP1A	Mx	.046	5.5
61	MP3A	X	-47.554	.5
62	MP3A	Z	0	.5
63	мР3А	Mx	.024	.5
64	MP3A	X	-47.554	5.5
65	MP3A	Z	0	5.5
66	MP3A	Mx	.024	5.5
67	MP3B	X	-94.807	.5
68	MP3B	Z	0	.5
69	MP3B	Mx	.024	.5
70	MP3B	X	-94.807	5.5
71	MP3B	Z	0	5.5
72	MP3B	Mx	.024	5.5
73	MP3C	X	-110.558	.5
74	MP3C	Z	0	.5
75	MP3C	Mx	064	.5
76	MP3C	X	-110.558	5.5
77	MP3C	Z	0	5.5
78	MP3C	Mx	064	5.5
79	MP3A	X	-47.554	.5
80	MP3A	Z	0	.5
81	MP3A	Mx	.024	.5
82	MP3A	X	-47.554	5.5
83	MP3A	Z	0	5.5
84	MP3A	Mx	.024	5.5
85	MP3B	X	-94.807	.5
86	MP3B	Z	0	.5
87	MP3B	Mx	072	.5
88	MP3B	X	-94.807	5.5
89	MP3B	7	0	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
90	MP3B	Mx	072	5.5
91	MP3C	X	-110.558	.5
92	MP3C	Z	0	.5
93	MP3C	Mx	.064	.5
94	MP3C	X	-110.558	5.5
95	MP3C	Z	0	5.5
96	MP3C	Mx	.064	5.5
97	M61	X	-11.685	5.5
98	M61	Z	0	5.5
99	M61	Mx	.002	5.5
100	M61	X	-11.685	5.5
101	M61	Z	0	5.5
102	M61	Mx	002	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M97	X	-90.359	1
2	M97	Z	-52.169	1
3	M97	Mx	0	1
4	M95	X	-90.359	
5	M95	Z	-52.169	1
6	M95	Mx	0	
7	MP4A	X	-34.623	2
8	MP4A	Z	-19.99	2
9	MP4A	Mx	.017	2
10	MP4A	X	-34.623	4
11	MP4A	Z	-19.99	4
12	MP4A	Mx	.017	4
13	MP4B	X	-68.117	2
14	MP4B	Z	-39.327	2
15	MP4B	Mx	0	2
16	MP4B	X	-68.117	4
17	MP4B	Z	-39.327	4
18	MP4B	Mx	0	4
19	MP4C	X	-56.952	2
20	MP4C	Z	-32.881	2 2
21	MP4C	Mx	016	2
22	MP4C	X	-56.952	4
23	MP4C	Ž	-32.881	4
24	MP4C	Mx	016	4
25	MP2A	X	-40.575	1.5
26	MP2A	Ž	-23.426	1.5
27	MP2A	Mx	02	1.5
28	MP2B	X	-53.868	1.5
29	MP2B	Z	-31.101	1.5
30	MP2B	Mx	0	1.5
31	MP2C	X	-49.437	1.5
32	MP2C	Z	-28.542	1.5
33	MP2C	Mx	.014	1.5
34	MP3A	X	-37.968	1.5
35	MP3A	Z	-21.921	1.5
36	MP3A	Mx	019	1.5
37	MP3B	X	-53.868	1.5
38	MP3B	Z	-31.101	1.5
39	MP3B	Mx	0	1.5
40	MP3C	X	-48.568	1.5



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
41	MP3C	Z	-28.041	1.5
42	MP3C	Mx	.014	1.5
43	MP1B	X	-126.155	.5
44	MP1B	Z	-72.836	.5
45	MP1B	Mx	0	.5
46	MP1B	X	-126.155	5.5
47	MP1B	Z	-72.836	5.5
48	MP1B	Mx	0	5.5
49	MP1C	X	-58.528	1.5
50	MP1C	Z	-33.791	1.5
51	MP1C	Mx	017	1.5
52	MP1C	X	-58.528	4.5
53	MP1C	Z	-33.791	4.5
54	MP1C	Mx	017	4.5
55	MP1A	X	-84.461	.5
56	MP1A	Z	-48.763	.5
57	MP1A	Mx	.042	.5
58	MP1A	X	-84.461	5.5
59	MP1A	Z	-48.763	5.5
60	MP1A	Mx	.042	5.5
61	MP3A	X	-54.823	.5
62	MP3A	Z	-31.652	.5
63	MP3A	Mx	.009	.5
64	MP3A	X	-54.823	5.5
65	MP3A	Z	-31.652	5.5
66	MP3A	Mx	.009	5.5
67	MP3B	X	-95.746	,5
68	MP3B	Ž	-55.279	.5
69	MP3B	Mx	.064	.5
70	MP3B	X	-95.746	5.5
71	MP3B	Z	-55.279	5.5
72	MP3B	Mx	.064	5.5
73	MP3C	X	-82.105	.5
74	MP3C	Ž	-47.403	.5
75	MP3C	Mx	072	.5
76	MP3C	X	-82.105	5.5
77	MP3C	Ž	-47.403	5.5
78	MP3C	Mx	072	5.5
79	MP3A	X	-54.823	.5
80	MP3A	Ž	-31.652	.5
81	MP3A	Mx	.046	.5
82	MP3A	X	-54.823	5.5
83	MP3A	Z	-31.652	5.5
84	MP3A	Mx	.046	5.5
	MP3B	X	-95.746	,5
85	MP3B	Ž	-55.279	.5
86		Mx	064	.5
87	MP3B MP3B	X	-95.746	5.5
88		Z	-55.279	5.5
89	MP3B MP3B	Mx	064	5.5
90		X	-82.105	.5
91	MP3C	Ž	-47.403	.5
92	MP3C	Mx	.024	.5
93	MP3C		-82.105	5.5
94	MP3C	X Z	-82.105 -47.403	5.5
95	MP3C		.024	5.5
96	MP3C	Mx X	-15.93	5.5
97	M61	^	-10.83	0.0

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
98	M61	Z	-9.197	5.5
98 99 100 101 102	M61	Mx	.003	5.5
100	M61	X	-15.93	5.5
101	M61	Z	-9.197	5.5
102	M61	Mx	003	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M97	X	-59.793	1
2	M97	Z	-103.565	1
3	M97	Mx	0	1
4	M95	X	-59.793	1
5	M95	Z	-103.565	24
6	M95	Mx	0	
7	MP4A	X	-32.881	2
8	MP4A	Z	-56.952	2
9	MP4A	Mx	.016	2
10	MP4A	X	-32.881	4
11	MP4A	Z	-56.952	4
12	MP4A	Mx	.016	4
13	MP4B	X	-32.881	2
14	MP4B	Z	-56.952	2
15	MP4B	Mx	.016	2
16	MP4B	X	-32.881	4
17	MP4B	Z	-56.952	4
18	MP4B	Mx	.016	4
19	MP4C	X	-19.99	2
20	MP4C	Z	-34.623	2
21	MP4C	Mx	017	2
22	MP4C	X	-19.99	4
23	MP4C	Z	-34.623	4
24	MP4C	Mx	017	4
25	MP2A	X	-28.542	1.5
26	MP2A	Z	-49.437	1.5
27	MP2A	Mx	014	1.5
28	MP2B	X	-28.542	1.5
29	MP2B	Ž	-49.437	1.5
30	MP2B	Mx	014	1.5
31	MP2C	X	-23.426	1.5
32	MP2C	Ž	-40.575	1.5
33	MP2C	Mx	.02	1.5
34	MP3A	X	-28.041	1.5
35	MP3A	Ž	-48.568	1.5
36	MP3A	Mx	014	1.5
37	MP3B	X	-28.041	1.5
38	MP3B	Ž	-48.568	1.5
39	MP3B	Mx	014	1.5
40	MP3C	X	-21.921	1.5
41	MP3C	Z	-37.968	1.5
42	MP3C	Mx	.019	1.5
43	MP1B	X	-64.747	.5
44	MP1B	Z	-112.145	.5
45	MP1B	Mx	.032	.5
46	MP1B	X	-64.747	5.5
47	MP1B	Z	-112.145	5.5
48	MP1B	Mx	.032	5.5



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

49 50 51 52 53 54 55	MP1C MP1C MP1C MP1C MP1C MP1C MP1C	X Z Mx X	-29.943 -51.863 026	1.5 1.5
51 52 53 54 55	MP1C MP1C MP1C	Mx		
52 53 54 55	MP1C MP1C		- 026	
53 54 55	MP1C	Y	020	1.5
54 55		A	-29.943	4.5
55	MD4C	Z	-51.863	4.5
55	MPIC	Mx	026	4.5
	MP1A	X	-54.779	.5
56	MP1A	Z	-94.88	.5
57	MP1A	Mx	.027	.5
58	MP1A	X	-54.779	5.5
59	MP1A	Z	-94.88	5.5
60	MP1A	Mx	.027	5.5
61	MP3A	X	-47.403	.5
62	MP3A	Z	-82.105	.5
63	MP3A	Mx	024	.5
64	MP3A	×	-47.403	5.5
65	МРЗА	Z	- 82.105	5.5
66	MP3A	Mx	024	5.5
67	MP3B	X	-47.403	.5
68	MP3B	Z	-82.105	.5
69	MP3B	Mx	.072	.5
70	MP3B	X	-47.403	5.5
71	MP3B	Z	-82.105	5.5
72	MP3B	Mx	.072	5.5
73	MP3C	X	-31.652	.5
74	MP3C	Z	-54.823	.5
75	MP3C	Mx	046	.5
76	MP3C	X	-31.652	5.5
77	MP3C	Z	-54.823	5.5
78	MP3C	Mx	046	5.5
79	MP3A	X	-47.403	.5
80	MP3A	Ž	-82.105	.5
81	MP3A	Mx	.072	.5
82	MP3A	X	-47.403	5.5
83	MP3A	Z	-82.105	5.5
84	MP3A	Mx	.072	5.5
85	MP3B	X	-47.403	.5
86	MP3B	Ž	-82.105	.5
87	MP3B	Mx	024	.5
88	MP3B	X	-47.403	5.5
89	MP3B	Z	-82.105	5.5
90	MP3B	Mx	024	5.5
	MP3C	X	-31.652	.5
91 92	MP3C MP3C	Z	-54.823	.5
	MP3C	Mx	009	.5
93	MP3C MP3C	X	-31.652	5.5
94		Z	-51.032 -54.823	5.5
95	MP3C	Mx	009	5.5
96	MP3C		-15.907	5.5
97	M61	X	-15.907 -27.552	5.5
98	M61		.003	5.5
99	M61	Mx	-15.907	5.5
100	M61	X		5.5
101 102	M61 M61	Z	-27.552 003	5.5

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

Mambar Label Direction Magnitudelib k #1 Lecation #41



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

	Member Label	<u> Direction</u>	Magnitude[lb,k-ft]	Location[ft,%]
1	M97	X	0	1
2	M97	Z	-33.891	
3	M97	Mx	0	1
4	M95	X	0	1
5	M95	Z	-33.891	1
6	M95	Mx	0	1 1 1 1 1 1
7	MP4A	X	0	2
8	MP4A	Z	-19.517	2
9	MP4A	Mx	0	2
11	MP4A MP4A	X	0	4
12	MP4A	Z	-19.517	4
13	MP4B	X	0	4 2
14	MP4B	Ž	-11.359	2
15	MP4B	Mx	.005	2
16	MP4B	X	.005	4
17	MP4B	Z	-11.359	4
18	MP4B	Mx	.005	4
19	MP4C	X	0	2
20	MP4C	Ž	-8.64	2
21	MP4C	Mx	004	2
22	MP4C	X	0	4
23	MP4C	Z	-8.64	4
24	MP4C	Mx	004	4
25	MP2A	X	0	1.5
26	MP2A	Z	-16.869	1.5
27	MP2A	Mx	0	1.5
28	MP2B	X	0	1.5
29	MP2B	Z	-13.176	1.5
30	MP2B	Mx	006	1.5
31	MP2C	X	0	1.5
32	MP2C	Z	-11.945	1.5
33	MP2C	Mx	.006	1.5
34	MP3A	X	0	1.5
35	MP3A	Z	-16.869	1.5
36	MP3A	Mx	0	1.5
37	MP3B	X	0	1.5
38	MP3B	Z	-12.511	1.5
39	MP3B	Mx	005	1.5
40 41	MP3C MP3C	X	0	1.5
42	MP3C	Z Mx	-11.058 .006	1.5
43	MP1B	X		1.5
44	MP1B	Ž	0 -20.793	.5 .5
45	MP1B	Mx	.009	.5
46	MP1B	X	.009	5.5
47	MP1B	Z	-20.793	5.5
48	MP1B	Mx	.009	5.5
49	MP1C	X	0	1.5
50	MP1C	Ž	-12.581	1.5
51	MP1C	Mx	006	1.5
52	MP1C	X	0	4.5
53	MP1C	Z	-12.581	4.5
54	MP1C	Mx	006	4.5
55	MP1A	X	0	.5
56	MP1A	Z	-24.257	.5
57	MP1A	Mx	0	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP1A	X	0	5.5
59	MP1A	Z	-24.257	5.5
60	MP1A	Mx	0	5.5
61	MP3A	X	0	.5
62	MP3A	Z	-32.784	.5
63	MP3A	Mx	019	.5
64	MP3A	X	0	5.5
65	MP3A	Z	-32.784	5.5
66	MP3A	Mx	019	5.5
67	MP3B	X	0	.5
68	MP3B	Z	-25.459	.5
69	MP3B	Mx	.018	.5
70	MP3B	X	0	5.5
71	MP3B	Z	-25.459	5.5
72	MP3B	Mx	.018	5.5
73	MP3C	X	0	.5
74	MP3C	Z Z	-23.017	.5
75	MP3C	Mx	012	.5
76	MP3C	X	0	5.5
77	MP3C	Z	-23.017	5.5
78	MP3C	Mx	012	5.5
79	MP3A	X	0	.5
80	MP3A	Z	-32.784	.5
81	MP3A	Mx	.019	.5
82	MP3A	X	0	5.5
83	MP3A	Z	-32.784	5.5
84	MP3A	Mx	.019	5.5
85	MP3B	X	0	.5
86	MP3B	Ž	-25.459	.5
87	MP3B	Mx	.004	.5
88	MP3B	X	0	5.5
89	MP3B	Z	-25.459	5.5
90	MP3B	Mx	.004	5.5
91	MP3C	X	0	.5
92	MP3C	Z	-23.017	.5
93	MP3C	Mx	012	.5
94	MP3C	X	0	5.5
95	MP3C	Z	-23.017	5.5
96	MP3C	Mx	012	5.5
97	M61	X	0	5.5
98	M61	Z	-9.545	5.5
99	M61	Mx	0	5.5
100	M61	X	0	5.5
100	M61	Z	-9.545	5.5
101	M61	Mx	0	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M97	X	16.055	1
2	M97	Z	-27.808	1
3	M97	Mx	0	1
4	M95	X	16.055	1
5	M95	Z	-27.808	1
6	M95	Mx	0	
7	MP4A	X	8.399	2
8	MP4A	Z	-14.547	2

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

Mer	mber Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
	MP4A	Mx	004	2
	MP4A	X	8.399	4
	MP4A	Z	-14.547	4
	MP4A	Mx	004	4
	MP4B	X	4.32	2
14	MP4B	Z	-7.482	2
15	MP4B	Mx	.004	2
16	MP4B	X	4.32	4
17	MP4B	Z	-7.482	4
	MP4B	Mx	.004	4
19 I	MP4C	X	5.679	2
	MP4C	Z	-9.837	2
	MP4C	Mx	005	2
	MP4C	X	5.679	aniver had 4 - ell
23	VP4C	Z	-9.837	4
24	MP4C	Mx	005	4
25	MP2A	X	7.819	1.5
26	MP2A	Z	-13.543	1.5
27	MP2A	Mx	.004	1.5
	MP2B	X	5.972	1.5
	MP2B	Z	-10.344	1.5
30	MP2B	Mx	006	1.5
31	MP2C	X	6.588	1.5
32	MP2C	Z	-11.411	1.5
33	MP2C	Mx	.006	1.5
	MP3A	X	7.708	1.5
35	ИРЗА	Z	-13.351	1.5
36	MP3A	Mx	.004	1.5
37	MP3B		5.529	1.5
	ИРЗВ	X	-9.577	1.5
	MP3B	Mx	006	1.5
40 N	/IP3C	X	6.255	1.5
41 N	/IP3C	Z	-10.835	1.5
	/IP3C	Mx	.005	1.5
	MP1B	X	8.957	.5
	MP1B	Z	-15.514	.5
	ИР1В	Mx	.009	.5
	MP1B	X	8.957	5.5
	MP1B	Z	-15.514	5.5
	MP1B	Mx	.009	5.5
	/IP1C	X	6.644	1.5
	/IP1C	Z	-11.507	1.5
51 N	/IP1C	Mx	006	1.5
	/P1C	X	6.644	4.5
	/P1C	Z	-11.507	4.5
	/P1C	Mx	006	4.5
	/P1A	X	11.586	.5
	/P1A	Z	-20.067	.5
	/IP1A	Mx	006	.5
	/IP1A	X	11.586	5.5
	/IP1A	Z	-20.067	5.5
	/IP1A	Mx	006	5.5
	/IP3A	X	15.171	.5
	/IP3A	Z	-26.277	.5
	/IP3A	Mx	023	.5
	/IP3A	X	15.171	5.5
	MP3A	Z	-26.277	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
66	MP3A	Mx	023	5.5
67	MP3B	X	11.509	.5
68	MP3B	Z	-19.934	.5
69	MP3B	Mx	.012	.5
70	MP3B	X	11.509	5.5
71	MP3B	Z	-19.934	5.5
72	MP3B	Mx	.012	5.5
73	MP3C	X	12.73	.5
74	MP3C	Z	-22.048	.5
75	MP3C	Mx	004	.5
76	MP3C	X	12.73	5.5
77	MP3C	Z	-22.048	5.5
78	MP3C	Mx	004	5.5
79	MP3A	X	15.171	.5
80	MP3A	Z	-26.277	.5
81	MP3A	Mx	.008	.5
82	MP3A	X	15.171	5.5
83	MP3A	Z	-26.277	5.5
84	MP3A	Mx	.008	5.5
85	MP3B	X	11.509	.5
86	MP3B	Z	-19.934	.5
87	MP3B	Mx	.012	.5
88	MP3B	X	11.509	5.5
89	MP3B	Z	-19.934	5.5
90	MP3B	Mx	.012	5.5
91	MP3C	X	12.73	.5
92	MP3C	Z	-22.048	.5
93	MP3C	Mx	018	.5
94	MP3C	X	12.73	5.5
95	MP3C	Z	-22.048	5.5
96	MP3C	Mx	018	5.5
97	M61	X	4.07	5.5
98	M61	Z	-7.05	5.5
99	M61	Mx	000678	5.5
100	M61	X	4.07	5.5
101	M61	Z	-7.05	5.5
102	M61	Mx	.000678	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M97	X	24.723	11
2	M97	Z	-14.274	
3	M97	Mx	0	1
4	M95	X	24.723	4
5	M95	Z	-14.274	111
6	M95	Mx	0	1
7	MP4A	X	9.837	2
8	MP4A	Z	-5.679	2
9	MP4A	Mx	005	2
10	MP4A	X	9.837	4
11	MP4A	Z	-5.679	4
12	MP4A	Mx	005	4
13	MP4B	X	9.837	2
14	MP4B	Z	-5.679	2
15	MP4B	Mx	.005	2
16	MP4B	X	9.837	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
17	MP4B	Z	-5.679	4
18	MP4B	Mx	.005	4
19	MP4C	X	14.547	2
20	MP4C	Z	-8.399	2
21	MP4C	Mx	004	2
22	MP4C	X	14.547	4
23	MP4C	Z	-8.399	4
24	MP4C	Mx	004	4
25	MP2A	X	11.411	1.5
26	MP2A	Z	-6.588	1.5
27	MP2A	Mx	.006	1.5
28 29	MP2B MP2B	X	11,411	1.5
30	MP2B		-6.588	1.5
31	MP2C	Mx X	006	1.5
32	MP2C	Z	13.543 -7.819	1.5 1.5
33	MP2C	Mx	.004	1.5
34	MP3A	X	10.835	1.5
35	MP3A	Z	-6.255	1.5
36	MP3A	Mx	.005	1.5
37	MP3B	X	10.835	1.5
38	MP3B	Ž	-6.255	1.5
39	MP3B	Mx	005	1.5
40	MP3C	X	13.351	1.5
41	MP3C	Z	-7.708	1.5
42	MP3C	Mx	.004	1.5
43	MP1B	X	18.007	.5
44	MP1B	Z	-10.397	.5
45	MP1B	Mx	.009	.5
46	MP1B	X	18.007	5.5
47	MP1B	Z	-10.397	5.5
48	MP1B	Mx	.009	5.5
49	MP1C	X	12.73	1.5
50	MP1C	Z	-7.35	1.5
51	MP1C	Mx	004	1.5
52	MP1C	X	12.73	4.5
53	MP1C	Z	-7.35	4.5
54	MP1C	Mx	004	4.5
55	MP1A	X	18.186	.5
56 57	MP1A MP1A	Z	-10.5	.5
58	MP1A MP1A	Mx X	009	.5
		7	18.186	5.5
60	MP1A MP1A	Mx	-10.5 009	5.5 5.5
61	MP3A	X	22.048	.5
62	MP3A	Ž	-12.73	.5
63	MP3A	Mx	018	.5
64	MP3A	X	22.048	5.5
65	MP3A	Z	-12.73	5.5
66	MP3A	Mx	018	5.5
67	MP3B	X	22.048	.5
68	MP3B	Z	-12.73	.5
69	MP3B	Mx	.004	.5
70	MP3B	X	22.048	5.5
71	MP3B	Z	-12.73	5.5
72	MP3B	Mx	.004	5.5
73	MP3C	X	26.277	.5
DICA				



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
74	MP3C	Z	-15.171	.5
75	MP3C	Mx	.008	.5
76	MP3C	X	26.277	5.5
77	MP3C	Z	-15.171	5.5
78	MP3C	Mx	.008	5.5
79	MP3A	X	22.048	.5
80	MP3A	Z	-12.73	.5
81	MP3A	Mx	004	.5
82	MP3A	X	22.048	5.5
83	MP3A	Z	-12.73	5.5
84	MP3A	Mx	004	5.5
85	MP3B	X	22.048	.5
86	MP3B	Z	-12.73	.5
87	MP3B	Mx	.018	.5
88	MP3B	X	22.048	5.5
89	МР3В	Z	-12.73	5.5
90	MP3B	Mx	.018	5.5
91	MP3C	X	26.277	.5
92	MP3C	Z	-15.171	.5
93	MP3C	Mx	023	.5
94	MP3C	X	26.277	5.5
95	MP3C	Z	-15.171	5.5
96	MP3C	Mx	023	5.5
97	M61	X	4.618	5.5
98	M61	Z	-2.666	5.5
99	M61	Mx	00077	5.5
100	M61	X	4.618	5.5
101	M61	Z	- 2.666	5.5
102	M61	Mx	.00077	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M97	X	26.767	1
2	M97	Z	0	1
3	M97	Mx	0	11
4	M95	X	26.767	1 1
5	M95	Z	0	1
6	M95	Mx		1
7	MP4A	X	8.64	2
8	MP4A	Z	0	2
9	MP4A	Mx	004	2
10	MP4A	X	8.64	4
11	MP4A	Z	0	4
12	MP4A	Mx	004	4
13	MP4B	X	16.798	2
14	MP4B	Z	0	2
15	MP4B	Mx	.004	2
16	MP4B	X	16.798	4
17	MP4B	Z	0	4
18	MP4B	Mx	.004	4
19	MP4C	X	19.517	2
20	MP4C	Z	0	2
21	MP4C	Mx	0	2
22	MP4C	X	19.517	4
23	MP4C	Z	0	4
24	MP4C	Mx	0	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
25	MP2A	X	11.945	1.5
26	MP2A	Z	0	1.5
27	MP2A	Mx	.006	1.5
28	MP2B	X	15.638	1.5
29	MP2B	Z	0	1.5
30	MP2B	Mx	004	1.5
31	MP2C	X	16.869	1.5
32	MP2C	Z	0	1.5
33	MP2C	Mx	0	1.5
34	MP3A	X	11.058	1.5
35	MP3A	Z	0	1.5
36	MP3A	Mx	.006	1.5
37	MP3B	X	15,417	1.5
38	MP3B	Z	0	1.5
39	MP3B	Mx	004	1.5
40	MP3C	X	16.869	1.5
41	MP3C	Z	0	1.5
42	MP3C	Mx	Ö	1.5
43	MP1B	X	26.551	.5
44	MP1B	Z	0	.5
45	MP1B	Mx	.007	.5
46	MP1B	X	26.551	5.5
47	MP1B	Z	0	5.5
48	MP1B	Mx	.007	5.5
49	MP1C	X	15.406	1.5
50	MP1C	Z	0	1.5
51	MP1C	Mx	0	1.5
52	MP1C	X	15,406	4.5
53	MP1C	Z	0	4.5
54	MP1C	Mx	ŏ	4.5
55	MP1A	X	19.914	,5
56	MP1A	Z	0	.5
57	MP1A	Mx	01	.5
58	MP1A	X	19.914	5.5
59	MP1A	Z	0	5.5
60	MP1A	Mx	01	5.5
61	MP3A	X	23.017	.5
62	MP3A	Z	0	.5
63	MP3A	Mx	012	.5
64	MP3A	X	23.017	5.5
65	MP3A	Z	0	5.5
66	MP3A	Mx	012	5.5
67	MP3B		30.343	.5
68	MP3B	X	0	.5
69	MP3B	Mx	008	.5
70	MP3B	X	30.343	5.5
71	MP3B	Z	0	5.5
72	MP3B	Mx	008	5.5
73	MP3C	X	32.784	.5
74	MP3C	Ž	0	.5
75	MP3C	Mx	.019	.5
76	MP3C	X	32.784	5.5
77	MP3C	Z	0	5.5
78	MP3C	Mx	.019	
79	MP3A	X	23.017	5.5 .5
80	MP3A	Z	0	
81	MP3A	Mx	012	.5
	IVIT JA	IVIX	012	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
82	MP3A	X	23.017	5.5
83	MP3A	Z	0	5.5
84	MP3A	Mx	012	5.5
85	MP3B	X	30.343	.5
86	MP3B	Z	0	.5
87	MP3B	Mx	.023	.5
88	MP3B	X	30.343	5.5
89	MP3B	Z	0	5.5
90	MP3B	Mx	.023	5.5
91	MP3C	X	32.784	.5
92	MP3C	Z	0	.5
93	MP3C	Mx	019	.5
94	MP3C	X	32.784	5.5
95	MP3C	Z	0	5.5
96	MP3C	Mx	019	5.5
97	M61	X	3.928	5.5
98	M61	Z	0	5.5
99	M61	Mx	000655	5.5
100	M61	X	3.928	5.5
101	M61	Z	0	5.5
102	M61	Mx	.000655	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M97	X	24.723	1
2	M97	Z	14.274	
3	M97	Mx	0	1
4	M95	X	24.723	1
5	M95	Z	14.274	11
6	M95	Mx	0	1
7	MP4A	X	9.837	2
8	MP4A	Z	5.679	2
9	MP4A	Mx	005	2
10	MP4A	X	9.837	4
11	MP4A	Z	5.679	4
12	MP4A	Mx	005	4
13	MP4B	X	16.902	2
14	MP4B	Z	9.758	2
15	MP4B	Mx	0	2
16	MP4B	X	16.902	4
17	MP4B	Z	9.758	4
18	MP4B	Mx	0	4
19	MP4C	X	14.547	2
20	MP4C	Z	8.399	2
21	MP4C	Mx	.004	2
22	MP4C	X	14.547	4
23	MP4C	Z	8.399	4
24	MP4C	Mx	.004	4
25	MP2A	X	11.411	1.5
26	MP2A	Z	6.588	1.5
27	MP2A	Mx	.006	1.5
28	MP2B	X	14.609	1.5
29	MP2B	Z	8.435	1.5
30	MP2B	Mx	0	1.5
31	MP2C	X	13.543	1.5
32	MP2C	Ž	7.819	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
33	MP2C	Mx	004	1.5
34	MP3A	X	10.835	1.5
35	MP3A	Z	6.255	1.5
36	MP3A	Mx	.005	1.5
37	MP3B	X	14.609	1.5
38	MP3B	Z	8.435	1.5
39	MP3B	Mx	0	1.5
40	MP3C	X	13.351	1.5
41	MP3C	Z	7.708	1.5
42	MP3C	Mx	004	1.5
43	MP1B	X	25.487	.5
44	MP1B	Z	14.715	.5
45	MP1B	Mx	0	.5
46	MP1B	X	25.487	5.5
47	MP1B	Z	14.715	5.5
49	MP1B MP1C	Mx	0	5.5
50	MP1C	X	12.73 7.35	1.5 1.5
51	MP1C	Mx	.004	1.5
52	MP1C	X	12.73	4.5
53	MP1C	Z	7.35	4.5
54	MP1C	Mx	.004	4.5
55	MP1A	X	18.186	.5
56	MP1A	Z	10.5	.5
57	MP1A	Mx	009	.5
58	MP1A	X	18.186	5.5
59	MP1A	Z	10.5	5.5
60	MP1A	Mx	009	5.5
61	MP3A	X	22.048	.5
62	MP3A	Z	12.73	.5
63	MP3A	Mx	004	.5
64	MP3A	X	22.048	5.5
65	MP3A	Z	12.73	5.5
66	MP3A	Mx	004	5.5
67	MP3B	X	28.392	.5
68	MP3B	Z	16.392	.5
69 70	MP3B MP3B	Mx	019	.5
71	MP3B	X	28.392	5.5
72	MP3B	Mx	16.392 019	5.5
73	MP3C	X	26.277	5.5 .5
74	MP3C	Z	15.171	.5
75	MP3C	Mx	.023	.5
76	MP3C	X	26.277	5.5
77	MP3C	Z	15.171	5.5
78	MP3C	Mx	.023	5.5
79	MP3A	X	22.048	.5
80	MP3A	Z	12.73	.5
81	MP3A	Mx	018	.5
82	MP3A	X	22.048	5.5
83	MP3A	Z	12.73	5.5
84	МРЗА	Mx	018	5.5
85	MP3B	X	28.392	.5
86	MP3B	Z	16.392	.5
87	MP3B	Mx	.019	.5
88	MP3B	X	28.392	5.5
89	MP3B	Z	16.392	5.5



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
90	MP3B	Mx	.019	5.5
91	MP3C	X	26.277	.5
92	MP3C	Z	15.171	.5
93	MP3C	Mx	008	.5
94	MP3C	X	26.277	5.5
95	MP3C	Z	15.171	5.5
96	MP3C	Mx	008	5.5
97	M61	X	4.618	5.5
98	M61	Z	2.666	5.5
99	M61	Mx	00077	5.5
100	M61	X	4.618	5.5
101	M61	Z	2.666	5.5
102	M61	Mx	.00077	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M97	X	16.055	11
2	M97	Z	27.808	14
3	M97	Mx	0	11
4	M95	X	16.055	
5	M95	Z	27.808	1 14
6	M95	Mx	0	
7	MP4A	X	8.399	2
8	MP4A	Z	14.547	2
9	MP4A	Mx	004	2
10	MP4A	X	8.399	4
11	MP4A	Z	14.547	4
12	MP4A	Mx	004	4
13	MP4B	X	8.399	2
14	MP4B	Z	14.547	2
15	MP4B	Mx	004	2
16	MP4B	X	8.399	4
17	MP4B	Z	14.547	4
18	MP4B	Mx	004	4
19	MP4C	X	5.679	2
20	MP4C	Z	9.837	2
21	MP4C	Mx	.005	2
22	MP4C	X	5.679	4
23	MP4C	Z	9.837	4
24	MP4C	Mx	.005	4
25	MP2A	X	7.819	1.5
26	MP2A	Z	13.543	1.5
27	MP2A	Mx	.004	1.5
28	MP2B	×	7.819	1.5
29	MP2B	Z	13.543	1.5
30	MP2B	Mx	.004	1.5
31	MP2C	X	6.588	1.5
32	MP2C	Z	11.411	1.5
33	MP2C	Mx	006	1.5
34	MP3A	X	7.708	1.5
35	MP3A	Z	13.351	1.5
36	MP3A	Mx	.004	1.5
37	MP3B	X	7.708	1.5
38	MP3B	Z	13.351	1.5
39	MP3B	Mx	.004	1.5
40	MP3C	X	6.255	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
41	MP3C	Z	10.835	1.5
42	MP3C	Mx	005	1.5
43	MP1B	X	13.276	.5
44	MP1B	Z	22.994	.5
45	MP1B	Mx	007	.5
46	MP1B	X	13.276	5.5
47	MP1B	Z	22.994	5.5
48	MP1B	Mx	007	5.5
49	MP1C	X	6.644	1.5
50	MP1C	Z	11.507	1.5
51	MP1C	Mx	.006	1.5
52	MP1C	X	6.644	4.5
53	MP1C	Z	11.507	4.5
54	MP1C	Mx	.006	4.5
55	MP1A	X	11.586	.5
56	MP1A	Z	20.067	.5
57	MP1A	Mx	006	.5
58	MP1A	X	11.586	5.5
59	MP1A	Z	20.067	5.5
50	MP1A	Mx	006	5.5
51	MP3A	X	15.171	.5
52	MP3A	Z	26.277	.5
63	MP3A	Mx	.008	.5
64	MP3A	X	15.171	5.5
35	MP3A	Z	26.277	5.5
66	MP3A	Mx	.008	5.5
67	MP3B	X	15.171	.5
88	MP3B	Z	26.277	.5
69	MP3B	Mx	023	.5
70	MP3B	X	15.171	5.5
71	MP3B	Z	26.277	5.5
72	MP3B	Mx	023	5.5
73	MP3C	X	12.73	.5
74	MP3C	Z	22.048	.5
75	MP3C	Mx	.018	.5
76	MP3C	X	12.73	5.5
77	MP3C	Z	22.048	5.5
78	MP3C	Mx	.018	5.5
79	MP3A	X	15.171	.5
30	MP3A	Z	26.277	.5
31	MP3A	Mx	023	.5
2	MP3A	X	15.171	5.5
33	MP3A	Z	26.277	5.5
34	MP3A	Mx	023	5.5
35	MP3B	X	15.171	.5
6	MP3B	Z	26.277	.5
7	MP3B	Mx	.008	.5
8	MP3B	X	15.171	5.5
9	MP3B	Z	26.277	5.5
0	MP3B	Mx	.008	5.5
1	MP3C	X	12.73	.5
2	MP3C	Z	22.048	.5
3	MP3C	Mx	.004	.5
4	MP3C	X	12.73	5.5
5	MP3C	Ž	22.048	5.5
16	MP3C	Mx	.004	5.5
7	M61	X	4.07	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
98	M61	Z	7.05	5.5
99	M61	Mx	000678	5.5
100	M61	X	4.07	5.5
101	M61	Z	7.05	5.5
98 99 100 101 102	M61	Mx	.000678	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M97	X	0	1
2	M97	Z	33.891	
3	M97	Mx	0	11
4	M95	X	0	1 1
5	M95	Z	33.891	1 1
6	M95	Mx	0	1
7	MP4A	X	0	2 2
8	MP4A	Z	19.517	2
9	MP4A	Mx	0	2
10	MP4A	X	0	4
11	MP4A	Z	19.517	4
12	MP4A	Mx	0	4
13	MP4B	X	0	2
14	MP4B	Z	11.359	2
15	MP4B	Mx	005	2
16	MP4B	X	0	4
17	MP4B	Z	11.359	4
18	MP4B	Mx	005	4
19	MP4C	X	0	2
20	MP4C	Z	8.64	2
21	MP4C	Mx	.004	2
22	MP4C	X	0	4
23	MP4C	Z	8.64	4
24	MP4C	Mx	.004	4
25	MP2A	X	0	1.5
26	MP2A	Z	16.869	1.5
27	MP2A	Mx	0	1.5
28	MP2B	X	0	1.5
29	MP2B	Ž	13.176	1.5
30	MP2B	Mx	.006	1.5
31	MP2C	X	0	1.5
32	MP2C	Z	11.945	1.5
33	MP2C	Mx	006	1.5
34	MP3A	X	0	1.5
	MP3A	Ž	16.869	1.5
35	MP3A	Mx	0	1.5
36		X	0	1.5
37	MP3B	Ž	12.511	1.5
38	MP3B	Mx	.005	1.5
39	MP3B	X	0	1.5
40	MP3C	Z	11.058	1.5
41	MP3C		006	1.5
42	MP3C	Mx	0	.5
43	MP1B	X	20.793	.5
44	MP1B	Z		.5
45	MP1B	Mx	009	
46	MP1B	X	0	5.5
47	MP1B	Z	20.793	5.5
48	MP1B	Mx	009	5.5



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
49	MP1C	X	0	1.5
50	MP1C	Z	12.581	1.5
51	MP1C	Mx	.006	1.5
52	MP1C	X	0	4.5
53	MP1C	Z	12.581	4.5
54	MP1C	Mx	.006	4.5
55	MP1A	X	0.	.5
56	MP1A	Z	24.257	.5
57	MP1A	Mx	0	.5
58	MP1A	X	0	5.5
59	MP1A	Z	24.257	5.5
60	MP1A	Mx	0	5.5
61	MP3A	X	0	.5
62	MP3A	Z	32.784	.5
63	MP3A	Mx	.019	.5
64	MP3A	X	0	5.5
65	MP3A	Z	32.784	5.5
66	MP3A	Mx	.019	5.5
67	MP3B	X	0	.5
68	MP3B	Z	25.459	.5
69	MP3B	Mx	018	.5
70	MP3B	X	0	5.5
71	MP3B	Z	25.459	5.5
72	MP3B	Mx	018	5.5
73	MP3C	X	0	.5
74	MP3C	Z	23.017	.5
75	MP3C	Mx	.012	.5
76	MP3C	X	0	5.5
77	MP3C	Z	23.017	5.5
78	MP3C	Mx	.012	5.5
79	MP3A	X	0	.5
80	MP3A	Z	32.784	.5
81	MP3A	Mx	019	.5
82	MP3A	X	0	5.5
83	MP3A	Z	32.784	5.5
84	MP3A	Mx	019	5.5
85	MP3B	X	0	.5
86	MP3B	Z	25.459	.5
87	MP3B	Mx	004	.5
88	MP3B	X	0	5.5
89	MP3B	Z	25.459	5.5
90	MP3B	Mx	004	5.5
91	MP3C		0	.5
92	MP3C	X	23.017	.5
93	MP3C	Mx	.012	.5
94	MP3C	X	0	5.5
95	MP3C	Z	23.017	5.5
96	MP3C	Mx	.012	5.5
97	M61	X	0	5.5
98	M61	Ž	9.545	5.5
99	M61	Mx	0	5.5
100	M61	X	0	5.5
101	M61	Ž	9.545	5.5
102	M61	Mx	0	5.5

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

Member Lobel Direction Magnitudally k #1 Location (# 9/1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M97	X	-16.055	1
2	M97	Z	27.808	AND THE
3	M97	Mx	0	11
4	M95	X	-16.055	
5	M95	Z	27.808	1
6	M95	Mx	0	
7	MP4A	X	-8.399	2
8	MP4A	Ž	14.547	2
9	MP4A	Mx	.004	2
0	MP4A	X	-8.399	4
1	MP4A	Ž	14.547	4
12	MP4A	Mx	.004	4
	MP4B	X	-4.32	2
3	MP4B	Z	7.482	2
4		Mx	004	2
5	MP4B	IVIX	-4.32	4
6	MP4B	X Z	7.482	4
7	MP4B		004	4
8	MP4B	Mx	-5.679	2
19	MP4C	X		2
20	MP4C	Z	9.837	2
21	MP4C	Mx	.005	4
22	MP4C	X	-5.679	
23	MP4C	Z	9.837	4
24	MP4C	Mx	.005	4
25	MP2A	X	-7.819	1.5
26	MP2A	Z	13.543	1.5
27	MP2A	Mx	004	1.5
28	MP2B	X	-5.972	1.5
29	MP2B	Z	10.344	1.5
30	MP2B	Mx	.006	1.5
31	MP2C	X	-6.588	1.5
32	MP2C	Z	11.411	1.5
33	MP2C	Mx	006	1.5
34	MP3A	X	-7.708	1.5
35	MP3A	Z	13.351	1.5
36	MP3A	Mx	004	1.5
37	MP3B	X	-5.529	1.5
38	MP3B	Ž	9.577	1.5
39	MP3B	Mx	.006	1.5
10	MP3C	X	-6.255	1.5
1 0 11	MP3C	Z	10.835	1.5
	MP3C	Mx	005	1.5
12		X	-8.957	.5
13	MP1B MP1B	Ž	15.514	.5
14			009	.5
15	MP1B	Mx	-8.957	5.5
16	MP1B	X		5.5
17	MP1B	Z	15.514	5.5
18	MP1B	Mx	009	1.5
19	MP1C	X	-6.644	1.5
50	MP1C		11.507	
51	MP1C	Mx	.006	1.5
52	MP1C	X	-6.644	4.5
53	MP1C	Z	11.507	4.5
54	MP1C	Mx	.006	4.5
55	MP1A	X	-11.586	.5
56	MP1A	Z	20.067	.5
57	MP1A	Mx	.006	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP1A	X	-11.586	5.5
59	MP1A	Z	20.067	5.5
60	MP1A	Mx	.006	5.5
61	MP3A	X	-15.171	.5
62	MP3A	Z	26.277	.5
63	MP3A	Mx	.023	.5
64	MP3A	X	-15.171	5.5
65	MP3A	Z	26.277	5.5
66	MP3A	Mx	.023	5.5
67	MP3B	X	-11.509	.5
68	MP3B	Z	19.934	.5
69	MP3B	Mx	012	.5
70	MP3B	X	-11.509	5.5
71	MP3B	Z	19.934	5.5
72	MP3B	Mx	012	5.5
73	MP3C	X	-12.73	.5
74	MP3C	Z	22.048	.5
75	MP3C	Mx	.004	.5
76	MP3C	X	-12.73	5.5
77	MP3C	Z	22.048	5.5
78	MP3C	Mx	.004	5.5
79	MP3A	X	-15.171	.5
80	MP3A	Ž	26.277	.5
81	MP3A	Mx	008	.5
82	MP3A	X	-15.171	5.5
83	MP3A	Z	26.277	5.5
84	MP3A	Mx	008	5.5
85	MP3B	X	-11.509	.5
86	MP3B	Ž	19.934	.5
87	MP3B	Mx	012	.5
88	MP3B	X	-11.509	5.5
89	MP3B	Z	19.934	5.5
90	MP3B	Mx	012	5.5
91	MP3C	X	-12.73	
92	MP3C	Ž	22.048	.5
93	MP3C	Mx	.018	.5
94	MP3C	X	-12.73	
95	MP3C	Ž	22.048	5.5
96	MP3C	Mx	.018	5.5
97	M61	X		5.5
98	M61	Z	-4.07	5.5
99	M61		7.05	5.5
100	M61	Mx	.000678	5.5
01		X	-4.07	5.5
	M61	Z	7.05	5.5
102	M61	Mx	000678	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M97	X	-24.723	1
2	M97	Z	14.274	
3	M97	Mx	0	1
4	M95	X	-24.723	
5	M95	Z	14.274	1
6	M95	Mx	0	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
7	MP4A	X	-9.837	2
8	MP4A	Z	5.679	2



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

Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
9 MP4A	Mx	.005	2
10 MP4A	X	-9.837	4
11 MP4A	Z	5.679	4
12 MP4A	Mx	.005	4
13 MP4B	X	-9.837	2
14 MP4B	Z	5.679	2
15 MP4B	Mx	005	2
16 MP4B	X	-9.837	4
17 MP4B	Z	5.679	4
18 MP4B	Mx	005	4
19 MP4C	X	-14.547	2
20 MP4C	Z	8.399	2
21 MP4C	Mx	.004	2
22 MP4C	X	-14.547	4
23 MP4C	Z	8.399	4
24 MP4C	Mx	.004	4
25 MP2A	X	-11.411	1.5
26 MP2A	Z	6.588	1.5
27 MP2A	Mx	006	1.5
28 MP2B	X	-11.411	1.5
29 MP2B	Z	6.588	1.5
30 MP2B	Mx	.006	1.5
31 MP2C	X	-13.543	1.5
32 MP2C	Z	7.819	1.5
33 MP2C	Mx	004	1.5
34 MP3A	X	-10.835	1.5
35 MP3A	Z	6.255	1.5
36 MP3A	Mx	005	1.5
37 MP3B	X	-10.835	1.5
38 MP3B	Z	6.255	1.5
39 MP3B	Mx	.005	1.5
40 MP3C	X	-13.351	1.5
41 MP3C	Z	7.708	1.5
42 MP3C	Mx	004	1.5
43 MP1B		-18.007	.5
44 MP1B	X	10.397	.5
45 MP1B	Mx	009	.5
46 MP1B	X	-18.007	5.5
47 MP1B	Z	10.397	5.5
48 MP1B	Mx	009	5.5
49 MP1C	X	-12.73	1.5
50 MP1C	Z	7.35	1.5
51 MP1C	Mx	.004	1.5
52 MP1C	X	-12.73	4.5
53 MP1C	Z	7.35	4.5
	Mx	.004	4.5
54 MP1C 55 MP1A	X	-18.186	.5
56 MP1A	Ž	10.5	.5
	Mx	.009	.5
	X	-18.186	5.5
	Z	10.5	5.5
59 MP1A	Mx	.009	5.5
60 MP1A	X	-22.048	.5
61 MP3A	Z	12.73	.5
62 MP3A		.018	.5
63 MP3A	Mx	-22.048	5.5
64 MP3A	X	12.73	5.5
65 MP3A	Z	12.13	0.0



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
66	MP3A	Mx	.018	5.5
67	MP3B	X	-22.048	.5
68	MP3B	Z	12.73	.5
69	MP3B	Mx	004	.5
70	MP3B	X	-22.048	5.5
71	MP3B	Z	12.73	5.5
72	MP3B	Mx	004	5.5
73	MP3C	X	-26.277	5
74	MP3C	Z	15.171	.5
75	MP3C	Mx	008	.5
76	MP3C	X	-26.277	5.5
77	MP3C	Z	15.171	5.5
78	MP3C	Mx	008	5.5
79	MP3A	X	-22.048	.5
80	MP3A	Z	12.73	.5
81	MP3A	Mx	.004	.5
82	MP3A	X	-22.048	5.5
83	MP3A	Z	12.73	5.5
84	MP3A	Mx	.004	5.5
85	MP3B	X	-22.048	.5
86	MP3B	Z	12.73	.5
87	MP3B	Mx	018	.5
88	MP3B	X	-22.048	5.5
89	MP3B	Z	12.73	5.5
90	MP3B	Mx	018	5.5
91	MP3C	X	-26.277	.5
92	MP3C	Z	15.171	.5
93	MP3C	Mx	.023	.5
94	MP3C	X	-26.277	5.5
95	MP3C	Z	15.171	5.5
96	MP3C	Mx	.023	5.5
97	M61	X	-4.618	5.5
98	M61	Z	2.666	5.5
99	M61	Mx	.00077	5.5
100	M61	X	-4.618	5.5
101	M61	Ž	2.666	5.5
102	M61	Mx	00077	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M97	X	-26.767	1
2	M97	Z	0	
3	M97	Mx	0	1
4	M95	X	-26.767	
5	M95	Z	0	1
6	M95	Mx	0	
7	MP4A	X	-8.64	2
8	MP4A	Z	0	2
9	MP4A	Mx	.004	2
10	MP4A	X	-8.64	4
11	MP4A	Z	0	4
12	MP4A	Mx	.004	4
13	MP4B	X	-16.798	2
14	MP4B	Z	0	2
15	MP4B	Mx	004	2
16	MP4B	X	-16.798	4

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

N.	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
17	MP4B	Z	0	4
18	MP4B	Mx	004	4
19	MP4C	X	-19.517	2
20	MP4C	Z	0	2
21	MP4C	Mx	0	2
22	MP4C	X	-19.517	4
23	MP4C	Z	0	4
24	MP4C	Mx	0	4
25	MP2A	X	-11.945	1.5
26	MP2A	X	0	1.5
27	MP2A	Mx	006	1.5
28	MP2B	X	-15.638	1.5
29	MP2B	Z	0	1.5
30	MP2B	Mx	.004	1.5
	MP2C	X	-16.869	1.5
31		ż	0	1.5
32	MP2C		0	1.5
33	MP2C	Mx	-11.058	1.5
34	MP3A	X		1.5
35	MP3A	Z	006	1.5
36	MP3A	Mx		
37	MP3B	X	-15.417	1.5
38	MP3B	Z	0	1.5
39	MP3B	Mx	.004	1.5
40	MP3C	X	-16.869	1.5
41	MP3C	Z	0	1.5
42	MP3C	Mx	0	1.5
43	MP1B	X	-26.551	.5
14	MP1B	Z	0	.5
45	MP1B	Mx	007	.5
46	MP1B	X	-26.551	5.5
47	MP1B	Z	0	5.5
48	MP1B	Mx	007	5.5
49	MP1C	X	-15.406	1.5
50	MP1C	Ž	0	1.5
51	MP1C	Mx	0	1.5
52	MP1C	X	-15.406	4.5
53	MP1C	Z	0	4.5
	MP1C	Mx	Ö	4.5
54		X	-19.914	.5
55	MP1A	Ž	0	.5
56	MP1A	Mx	.01	.5
57	MP1A		-19.914	5.5
58	MP1A	X		5.5
59	MP1A	Z	0 .01	5.5
60	MP1A	Mx		
61	MP3A	X	-23.017	.5 .5
62	MP3A	Z	0	
63	MP3A	Mx	.012	.5
64	MP3A	X	-23.017	5.5
55	MP3A	Z	0	5.5
66	MP3A	Mx	.012	5.5
67	MP3B	X	-30.343	.5
68	MP3B	Z	0	.5
69	MP3B	Mx	.008	.5
70	MP3B	X	-30.343	5.5
71	MP3B	Z	0	5.5
72	MP3B	Mx	.008	5.5
73	MP3C	X	-32.784	,5

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

4	Member Label	Direction	Magnitude(lb,k-ft)	Location[ft,%]
74	MP3C	Z	0	.5
75	MP3C	Mx	019	.5
76	MP3C	X	-32.784	5.5
77	MP3C	Z	0	5.5
78	MP3C	Mx	019	5.5
79	MP3A	X	-23.017	.5
80	MP3A	Z	0	.5
81	MP3A	Mx	.012	.5
82	MP3A	X	-23.017	5.5
83	MP3A	Z	0	5.5
84	MP3A	Mx	.012	5.5
85	MP3B	X	-30.343	.5
86	MP3B	Z	0	.5
87	MP3B	Mx	023	.5
88	MP3B	X	-30.343	5.5
89	MP3B	Z	0	5.5
90	MP3B	Mx	023	5.5
91	MP3C	X	-32.784	.5
92	MP3C	Z	0	.5
93	MP3C	Mx	.019	.5
94	MP3C	X	-32.784	5.5
95	MP3C	Z	0	5.5
96	MP3C	Mx	.019	5.5
97	M61	X	-3.928	5.5
98	M61	Z	0	5.5
99	M61	Mx	.000655	5.5
100	M61	X	-3.928	5.5
101	M61	Z	0	5.5
102	M61	Mx	000655	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M97	X	-24.723	1
2	M97	Z	-14.274	1
3	M97	Mx	0	1
4	M95	X	-24.723	
5	M95	Z	-14.274	1
6	M95	Mx	0	4
7	MP4A	X	-9.837	2
8	MP4A	Z	-5.679	2
9	MP4A	Mx	.005	2
10	MP4A	X	-9.837	4
11	MP4A	Z	-5.679	4
12	MP4A	Mx	.005	4
13	MP4B	X	-16.902	2
14	MP4B	Z	-9.758	2
15	MP4B	Mx	0	2
16	MP4B	X	-16.902	4
17	MP4B	Z	-9.758	4
18	MP4B	Mx	0	4
19	MP4C	X	-14.547	2
20	MP4C	Z	-8.399	2
21	MP4C	Mx	004	2
22	MP4C	×	-14.547	4
23	MP4C	Z	-8.399	4
24	MP4C	Mx	004	4

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
25	MP2A	X	-11.411	1.5
26	MP2A	X	-6.588	1.5
27	MP2A	Mx	006	1.5
28	MP2B	X	-14.609	1.5
29	MP2B	Z	-8.435	1.5
30	MP2B	Mx	0	1.5
31	MP2C	X	-13.543	1.5
32	MP2C	Z	-7.819	1.5
33	MP2C	Mx	.004	1.5
34	MP3A	X	-10.835	1.5
	MP3A	Z	-6.255	1.5
35	MP3A	Mx	005	1.5
36		X	-14.609	1.5
37	MP3B	Z	-8.435	1.5
38	MP3B		-6.433	1.5
39	MP3B	Mx		1.5
40	MP3C	SIACX	-13.351	1.5
41	MP3C	Z	-7.708	
42	MP3C	Mx	.004	1.5
43	MP1B	X	-25.487	.5
44	MP1B	Z	-14.715	.5
45	MP1B	Mx	0	.5
46	MP1B	X	-25.487	5.5
47	MP1B	Z	-14.715	5.5
48	MP1B	Mx	0	5.5
49	MP1C	X	-12.73	1.5
50	MP1C	Z	-7.35	1.5
51	MP1C	Mx	004	1.5
52	MP1C	X	-12.73	4.5
53	MP1C	Z	-7.35	4.5
54	MP1C	Mx	004	4.5
55	MP1A	X	-18.186	.5
56	MP1A	Z	-10.5	.5
57	MP1A	Mx	.009	.5
58	MP1A	X	-18.186	5.5
59	MP1A	Z	-10.5	5.5
60	MP1A	Mx	.009	5.5
	MP3A	X	-22.048	.5
61 62	MP3A	Z	-12.73	.5
		Mx	.004	.5
63	MP3A	X	-22.048	5.5
64	MP3A	Z	-12.73	5.5
65	MP3A			5.5
66	MP3A	Mx	.004	
67	MP3B	X	-28.392	.5 .5
68	MP3B	Z	-16.392	
69	MP3B	Mx	.019	.5
70	MP3B	X	-28.392	5.5
71	MP3B	Z	-16.392	5.5
72	MP3B	Mx	.019	5.5
73	MP3C	X	-26.277	.5
74	MP3C		-15.171	.5
75	MP3C	Mx	023	.5
76	MP3C	X	-26.277	5.5
77	MP3C	Z	-15.171	5.5
78	MP3C	Mx	023	5.5
79	MP3A	X	-22.048	.5
80	MP3A	Z	-12.73	.5
81	MP3A	Mx	.018	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
82	MP3A	X	-22.048	5.5
83	MP3A	Z	-12.73	5.5
84	MP3A	Mx	.018	5.5
85	MP3B	X	-28.392	.5
86	MP3B	Z	-16.392	.5
87	MP3B	Mx	019	.5
88	MP3B	X	-28.392	5.5
89	MP3B	Z	-16.392	5.5
90	MP3B	Mx	019	5.5
91	MP3C	X	-26.277	.5
92	MP3C	Z	-15.171	.5
93	MP3C	Mx	.008	.5
94	MP3C	X	-26.277	5.5
95	MP3C	Z	-15.171	5.5
96	MP3C	Mx	.008	5.5
97	M61	X	-4.618	5.5
98	M61	Z	-2.666	5.5
99	M61	Mx	.00077	5.5
100	M61	X	-4.618	5.5
101	M61	Z	-2.666	5.5
102	M61	Mx	00077	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M97	X	-16.055	1
2	M97	Z	-27.808	1
3	M97	Mx	0	1
4	M95	X	-16.055	1
5	M95	Z	-27.808	1
6	M95	Mx	0	1
7	MP4A	X	-8.399	2
8	MP4A	Z	-14.547	2
9	MP4A	Mx	.004	2
10	MP4A	X	-8.399	4
11	MP4A	Z	-14.547	4
12	MP4A	Mx	.004	4
13	MP4B	X	-8.399	2
14	MP4B	Z	-14.547	2 2
15	MP4B	Mx	.004	2
16	MP4B	X	-8.399	4
17	MP4B	Z	-14.547	4
18	MP4B	Mx	.004	4
19	MP4C	X	-5.679	2
20	MP4C	Z	-9.837	2 2
21	MP4C	Mx	005	2
22	MP4C	×	-5.679	4
23	MP4C	Z	-9.837	4
24	MP4C	Mx	005	4
25	MP2A	X	-7.819	1.5
26	MP2A	Z	-13.543	1.5
27	MP2A	Mx	004	1.5
28	MP2B	X	-7.819	1.5
29	MP2B	Z	-13.543	1.5
30	MP2B	Mx	004	1.5
31	MP2C	X	-6.588	1.5
32	MP2C	Ž	-11.411	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
33	MP2C	Mx	.006	1.5
34	MP3A	X	-7.708	1.5
35	MP3A	Z	-13.351	1.5
36	MP3A	Mx	004	1.5
37	MP3B	X	-7.708	1.5
38	MP3B	Z	-13.351	1.5
39	MP3B	Mx	004	1.5
40	MP3C	X	-6.255	1.5
41	MP3C	Z	-10.835	1.5
42	MP3C	Mx	,005	1.5
43	MP1B	X	-13.276	.5
14	MP1B	Z	-22.994	.5
45	MP1B	Mx	.007	.5
46	MP1B	X	-13.276	5.5
47	MP1B	Z	-22.994	5.5
48	MP1B	Mx	.007	5.5
19	MP1C	X	-6.644	1.5
50	MP1C	Z	-11.507	1.5
51	MP1C	Mx	006	1.5
52	MP1C	X	-6.644	4.5
53	MP1C	Z	-11.507	4.5
54	MP1C	Mx	006	4.5
55	MP1A	X	-11.586	.5
56	MP1A	Z	-20.067	.5
57	MP1A	Mx	.006	.5
8	MP1A	X	-11.586	5.5
59	MP1A	Z	-20.067	5.5
60	MP1A	Mx	.006	5.5
31	MP3A	X	-15.171	.5
32	MP3A	Z	-26.277	.5
33	MP3A	Mx	008	.5
64	MP3A	X	-15.171	5.5
35	MP3A	Z	-26.277	5.5
66	MP3A	Mx	008	5.5
67	MP3B	X	-15.171	,5
88	MP3B	Z	-26.277	.5
9	MP3B	Mx	.023	.5
0	MP3B	X	-15.171	5.5
11	MP3B	Z	-26.277	5.5
2	MP3B	Mx	.023	5.5
' 3	MP3C	X	-12.73	.5
4	MP3C	Z	-22.048	.5
5	MP3C	Mx	018	.5
6	MP3C	X	-12.73	5.5
7	MP3C	Z	-22.048	5.5
8	MP3C	Mx	018	5.5
9	MP3A	X	-15.171	.5
10	MP3A	Z	-26.277	.5
11	MP3A	Mx	.023	.5
2	MP3A	X	-15.171	5.5
3	MP3A	Z	-26.277	5.5
34	MP3A	Mx	.023	5.5
35	MP3B	X	-15.171	.5
6	MP3B	Z	-26.277	.5
37	MP3B	Mx	008	.5
38	MP3B	X	-15.171	5.5
39	MP3B	Z	-26.277	5.5

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

11	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
90	MP3B	Mx	008	5.5
91	MP3C	X	-12.73	.5
92	MP3C	Z	-22.048	.5
93	MP3C	Mx	004	.5
94	MP3C	X	-12.73	5.5
95	MP3C	Z	-22.048	5.5
96	MP3C	Mx	004	5.5
97	M61	X	-4.07	5.5
98	M61	Z	-7.05	5.5
99	M61	Mx	.000678	5.5
100	M61	X	-4.07	5.5
101	M61	Z	-7.05	5.5
102	M61	Mx	000678	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M97	X	0	1.
2	M97	Z	-7.951	1
3	M97	Mx	0	1
4	M95	X	0	1
5	M95	Z	-7.951	*
6	M95	Mx	0	1 - 2 - 2
7	MP4A	X	0	2
8	MP4A	Z	-4.916	2
9	MP4A	Mx	0	2
10	MP4A	X	0	4
11	MP4A	Z	-4.916	4
12	MP4A	Mx	0	4
13	MP4B	X	0	2
14	MP4B	Z	-2.499	2
15	MP4B	Mx	.001	2
16	MP4B	X	0	4
17	MP4B	Z	-2.499	4
18	MP4B	Mx	.001	4
19	MP4C	X	0	2
20	MP4C	Z	-1.693	2
21	MP4C	Mx	000847	2
22	MP4C	X	0	4
23	MP4C	Z	-1.693	4
24	MP4C	Mx	000847	4
25	MP2A	X	0	1.5
26	MP2A	Z	-3.888	1.5
27	MP2A	Mx	0	1.5
28	MP2B	X	0	1.5
29	MP2B	Z	-2.928	1.5
30	MP2B	Mx	001	1.5
31	MP2C	X	0	1.5
32	MP2C	Z	-2.608	1.5
33	MP2C	Mx	.001	1.5
34	MP3A	X	0	1.5
35	MP3A	Z	-3.888	1.5
36	MP3A	Mx	0	1.5
37	MP3B	X	0	1.5
38	MP3B	Z	-2.74	1.5
39	MP3B	Mx	001	1.5
40	MP3C	X	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
41	MP3C	Z	-2.358	1.5
42	MP3C	Mx	.001	1.5
43	MP1B		0	.5
44	MP1B	X	-6.071	.5
45	MP1B	Mx	.003	.5
46	MP1B	X	0	5.5
47	MP1B	Z	-6.071	5.5
48	MP1B	Mx	.003	5.5
49	MP1C	X	0	1.5
50	MP1C	Z	-3.502	1.5
51	MP1C	Mx	002	1.5
52	MP1C	X	0	4.5
	MP1C	Z	-3.502	4.5
53	MP1C	Mx	002	4.5
54			0	.5
55	MP1A	X	-7.223	.5
56	MP1A			.5
57	MP1A	Mx	0	5.5
58	MP1A	X		
59	MP1A	Z	-7.223	5.5
60	MP1A	Mx	0	5.5
61	MP3A	X	0	.5
62	MP3A	Z	-6.91	.5
63	MP3A	Mx	004	.5
64	MP3A	X	0	5.5
65	MP3A	Z	-6.91	5.5
66	MP3A	Mx	004	5.5
67	MP3B	X	0	.5
68	MP3B	Z	-3.957	.5
69	MP3B	Mx	.003	.5
70	MP3B	X	0	5.5
71	MP3B	Z	-3.957	5.5
72	MP3B	Mx	.003	5.5
73	MP3C	X	0	.5
74	MP3C	Z	-2.972	.5
75	MP3C	Mx	001	.5
	MP3C	X	0	5.5
76	MP3C	Z	-2.972	5.5
77		Mx	001	5.5
78	MP3C		0	.5
79	MP3A	X	-6.91	.5
80	MP3A		.004	.5
81	MP3A	Mx		5.5
82	MP3A	X	0	
83	MP3A	Z	-6.91	5.5
84	MP3A	Mx	.004	5.5
85	MP3B	X	0	.5
86	MP3B	Z	-3.957	.5
87	MP3B	Mx	.000559	.5
88	MP3B	X	0	5.5
89	MP3B	Z	-3.957	5.5
90	MP3B	Mx	.000559	5.5
91	MP3C	X	0	,5
92	MP3C	Z	-2.972	.5
93	MP3C	Mx	001	.5
94	MP3C	X	0	5.5
95	MP3C	Z	-2.972	5.5
96	MP3C	Mx	001	5.5
97	M61	X	0	5.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
98	M61	Z	-2.408	5.5
99	M61	Mx	0	5.5
100	M61	X	0	5.5
101	M61	Z	-2.408	5.5
98 99 100 101 102	M61	Mx	0	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M97	X	3.737	1
2	M97	Z	-6.473	1
3	M97	Mx	0	1
4	M95	X	3.737	1
5	M95	Z	-6.473	1
6	M95	Mx	0	
7	MP4A	X	2.055	2
8	MP4A	Z	-3.56	2
9	MP4A	Mx	001	2
10	MP4A	X	2.055	4
11	MP4A	Z	-3.56	4
12	MP4A	Mx	001	4
13	MP4B	X	.846	2
14	MP4B	Z	-1.466	2
15	MP4B	Mx	.000846	2
16	MP4B	X	.846	4
17	MP4B	Z	-1.466	4
18	MP4B	Mx	.000846	4
19	MP4C	X	1.249	2
20	MP4C	Z	-2.164	2
21	MP4C	Mx	001	2
22	MP4C	X	1.249	4
23	MP4C	Z	-2.164	4
24	MP4C	Mx	001	4
25	MP2A	X	1.784	1.5
26	MP2A	Z	-3.09	1.5
27	MP2A	Mx	.000892	1.5
28	MP2B	X	1.304	1.5
29	MP2B	Z	-2.259	1.5
30	MP2B	Mx	001	1.5
31	MP2C	X	1.464	1.5
32	MP2C	Z	-2.536	1.5
33	MP2C	Mx	.001	1.5
34	MP3A	X	1.753	1.5
35	MP3A	Z	-3.035	1.5
36	MP3A	Mx	.000876	1.5
37	MP3B	X	1.179	1.5
38	MP3B	Z	-2.042	1.5
39	MP3B	Mx	001	1.5
40	MP3C	X	1.37	1.5
41	MP3C	Z	-2.373	1.5
42	MP3C	Mx	.001	1.5
43	MP1B	X	2.53	.5
44	MP1B	Z	-4.382	.5
45	MP1B	Mx	.003	.5
46	MP1B	X	2.53	5.5
47	MP1B	Z	-4.382	5.5
48	MP1B	Mx	.003	5.5



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
49	MP1C	X	1.871	1.5
50	MP1C	Z	-3.241	1.5
51	MP1C	Mx	002	1.5
52	MP1C	X	1.871	4.5
53	MP1C	Z	-3.241	4.5
54	MP1C	Mx	002	4.5
55	MP1A	X	3.424	.5
56	MP1A	Z	-5.93	.5
57	MP1A	Mx	002	.5
58	MP1A	X	3.424	5.5
59	MP1A	Z	-5.93	5.5
60	MP1A	Mx	002	5.5
61	MP3A	X	2.963	.5
62	MP3A	Z	-5.132	.5
53	MP3A	Mx	004	.5
64	MP3A	X	2.963	5.5
35	MP3A	Z	-5.132	5.5
66	MP3A	Mx	004	5.5
67	MP3B	X	1.486	.5
68	MP3B	ž	-2.574	.5
69	MP3B	Mx	.001	.5
70	MP3B	X	1.486	5.5
71	MP3B	Z	-2.574	5.5
72	MP3B	Mx	.001	5.5
73	MP3C	X	1.978	.5
74	MP3C	Z	-3.426	.5
75	MP3C	Mx	000559	.5
76	MP3C	X	1.978	5.5
77	MP3C	Z	-3.426	5.5
78	MP3C	Mx	000559	5.5
79	MP3A		2.963	.5
80	MP3A	X	-5.132	.5
81	MP3A	Mx	.002	.5
82	MP3A	X	2.963	5.5
33	MP3A	Z	-5.132	5.5
84	MP3A	Mx	.002	5.5
85	MP3B	X	1.486	.5
86	MP3B	Z	-2.574	.5
87	MP3B	Mx	.001	.5
88	MP3B	X	1.486	5.5
	MP3B	Z	-2.574	5.5
89		Mx	.001	5.5
90	MP3B		1.978	.5
91	MP3C	X	-3.426	.5
92	MP3C		003	.5
93	MP3C	Mx	1.978	5.5
94	MP3C	X	-3.426	5.5
95	MP3C	Z		5.5
96	MP3C	Mx	003	
97	M61	X	.994	5.5
98	M61	Z	-1.722	5.5
99	M61	Mx	000166	5.5
00	M61	X	.994	5.5
101	M61	Z	-1.722	5.5
102	M61	Mx	.000166	5.5

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

Mamber Label Disaction Magnitude(lb, k.ft) Legation(ft %)

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

N	ember Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M97	X	5.647	1 2
2	M97	Z	-3.261	1
3	M97	Mx	0	1
4	M95	X	5.647	se list broad in the
5	M95	Z	-3.261	1
6	M95	Mx	0	1 100000
7	MP4A	X	2.164	2
8	MP4A	Z	-1.249	2
9	MP4A	Mx	001	2
10	MP4A	X	2.164	4
11	MP4A	Z	-1.249	4
12	MP4A	Mx	001	4
13	MP4B	X	2.164	2
14	MP4B	Z	-1.249	2
15	MP4B	Mx	.001	2
16	MP4B	X	2.164	4
17	MP4B	Z	-1.249	4
18	MP4B	Mx	.001	4
19	MP4C	X	3.56	2
20	MP4C	Z	-2.055	2
21	MP4C	Mx	001	2
22	MP4C	X	3.56	4
23	MP4C	Z	-2.055	4
24	MP4C	Mx	001	4
25	MP2A	X	2.536	1.5
26	MP2A	Ž	-1.464	1.5
27	MP2A	Mx	.001	1.5
28	MP2B	X	2.536	1.5
29	MP2B	Ž	-1.464	1.5
30	MP2B	Mx	001	1.5
31	MP2C	X	3.09	1.5
32	MP2C	Ž	-1.784	1.5
33	MP2C	Mx	.000892	1.5
34	MP3A	X		
35	MP3A	Ž	2.373 -1.37	1.5 1.5
36	MP3A	Mx	.001	1.5
37	MP3B		2.373	
38	MP3B	X	-1.37	1.5 1.5
39	MP3B	Mx		
40	MP3C		001	1.5
41		Z	3.035	1.5
42	MP3C		-1.753	1.5
	MP3C	Mx	.000876	1.5
43	MP1B	X	5.258	.5 .5
44	MP1B		-3.036	.5
45	MP1B	Mx	.003	.5
46	MP1B	X	5.258	5.5
47	MP1B	Z	-3.036	5.5
48	MP1B	Mx	.003	5.5
49	MP1C	X	3.658	1.5
50	MP1C	Z	-2.112	1.5
51	MP1C	Mx	001	1.5
52	MP1C	X	3.658	4.5
53	MP1C	Z	-2.112	4.5
54	MP1C	Mx	001	4.5
55	MP1A	X	5.279	.5
56	MP1A	Z	-3.048	.5
57	MP1A	Mx	003	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP1A	X	5.279	5.5
59	MP1A	Z	-3.048	5.5
60	MP1A	Mx	003	5.5
61	MP3A	X	3.426	.5
62	MP3A	Z	-1.978	.5
63	MP3A	Mx	003	.5
64	MP3A	×	3.426	5.5
65	MP3A	Z	-1.978	5.5
66	MP3A	Mx	003	5.5
67	MP3B	X	3.426	.5
68	MP3B	Z	-1.978	.5
69	MP3B	Mx	.000559	.5
70	MP3B	X	3.426	5.5
71	MP3B	Z	-1.978	5.5
72	MP3B	Mx	.000559	5.5
73	MP3C	X	5.132	.5
74	MP3C	Z	-2.963	.5
75	MP3C	Mx	.002	.5
76	MP3C	X	5.132	5.5
77	MP3C	Z	-2.963	5.5
78	MP3C	Mx	.002	5.5
79	MP3A	X	3.426	.5
30	MP3A	Z	-1.978	.5
31	MP3A	Mx	000559	.5
32	MP3A	X	3.426	5.5
33	MP3A	Z	-1.978	5.5
34	MP3A	Mx	000559	5.5
35	MP3B	X	3.426	.5
36	MP3B	Ž	-1.978	.5
37	MP3B	Mx	.003	.5
38	MP3B	X	3.426	5.5
39	MP3B	Z	-1.978	5.5
90	MP3B	Mx	.003	5.5
91	MP3C	X	5.132	.5
92	MP3C	Z	-2.963	.5
93	MP3C	Mx	004	.5
94	MP3C	X	5.132	5.5
95	MP3C	Z	-2.963	5.5
96	MP3C	Mx	004	5.5
97	M61	X	.996	5.5
98	M61	Z	575	5.5
99	M61	Mx	000166	5.5
00	M61	X	.996	5.5
101	M61	Z	575	5.5
102	M61	Mx	.000166	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft] 6.045	Location[ft,%]
1	M97	X	6.045	11
2	M97	Z	0	1
3	M97	Mx	0	1
4	M95	X	6.045	1
5	M95	Z	0	1
6	M95	Mx	0	1
7	MP4A	X	1.693	2
8	MP4A	Z	0	2



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
9	MP4A	Mx	000847	2
10	MP4A	X	1.693	4
11	MP4A	Z	0	4
12	MP4A	Mx	000847	4
13	MP4B	X	4.11	2
14	MP4B	Z	0	2
15	MP4B	Mx	.001	2
16	MP4B	X	4.11	4
17	MP4B	Z	0	4
18	MP4B	Mx	.001	4
19	MP4C	X	4.916	2
20	MP4C	Z	0	2
21	MP4C	Mx	0	2
22	MP4C	X	4.916	4
23	MP4C	Z	0	4
24	MP4C	Mx	0	4
25	MP2A	X	2.608	1.5
26	MP2A	Z	0	1.5
27	MP2A	M×	.001	1.5
28	MP2B	X	3.568	1.5
29	MP2B	Z	0	1.5
30	MP2B	Mx	000892	1.5
31	MP2C	X	3.888	1.5
32	MP2C	Z	0	1.5
33	MP2C	Mx	0	1.5
34	MP3A	X	2,358	1.5
35	MP3A	Z	0	1.5
36	MP3A	Mx	.001	1.5
37	MP3B	X	3.505	1.5
38	MP3B	Z	0	1.5
39	MP3B	Mx	000876	1.5
40	MP3C	X	3.888	1.5
41	MP3C	Z	0	1.5
42	MP3C	Mx	0	1.5
43	MP1B	X	8.093	.5
44	MP1B	Z	0	.5
45	MP1B	Mx	.002	.5
46	MP1B	X	8.093	5.5
47	MP1B	Z	0	5.5
48	MP1B	Mx	.002	5.5
49	MP1C	X	4.464	1.5
50	MP1C	Z	0	1.5
51	MP1C	Mx	0	1.5
52	MP1C	X	4.464	4.5
53	MP1C	Z	0	4.5
54	MP1C	Mx	0	4.5
55	MP1A	X	5.719	.5
56	MP1A	Z	0	.5
57	MP1A	Mx	003	.5
58	MP1A	X	5.719	5.5
59	MP1A	Z	0	5.5
60	MP1A	Mx	003	5.5
61	MP3A	X	2.972	.5
62	MP3A	Z	0	.5
63	MP3A	Mx	001	.5
64	MP3A	X	2.972	5.5
65	MP3A	Z	- 0	5.5
DIOA (III O/ (0.0

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
66	MP3A	Mx	001	5.5
67	MP3B	X	5.925	.5
68	MP3B	Z	0	.5
69	MP3B	Mx	002	.5
70	MP3B	X	5.925	5.5
71	MP3B	Z	0	5.5
72	MP3B	Mx	002	5.5
73	MP3C	X	6.91	.5
74	MP3C	Z	0	.5
75	MP3C	Mx	.004	.5
76	MP3C	X	6.91	5.5
77	MP3C	Z	0	5.5
78	MP3C	Mx	.004	5.5
79	MP3A	X	2.972	.5
80	MP3A	Z	0	.5
81	MP3A	Mx	001	.5
82	MP3A	X	2.972	5.5
83	MP3A	Z	0	5.5
84	MP3A	Mx	001	5.5
85	MP3B	X	5.925	.5
86	MP3B	Z	0	.5
87	MP3B	Mx	.004	.5
88	MP3B	X	5.925	5.5
89	MP3B	Ž	0	5.5
90	MP3B	Mx	.004	5.5
91	MP3C	X	6.91	.5
92	MP3C	Z	0	.5
93	MP3C	Mx	004	.5
94	MP3C	X	6.91	5.5
95	MP3C	Z	0	5.5
96	MP3C	Mx	004	5.5
97	M61		.73	5.5
98	M61	X	0	5.5
99	M61	Mx	000122	5.5
100	M61	X	.73	5.5
101	M61	Z	0	5.5
102	M61	Mx	.000122	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M97	X	5.647	11
2	M97	Z	3.261	1
3	M97	Mx	0	11
4	M95	×	5.647	1
5	M95	Z	3.261	11
6	M95	Mx	0	
7	MP4A	X	2.164	2
8	MP4A	Z	1.249	2
9	MP4A	Mx	001	2
10	MP4A	X	2.164	4
11	MP4A	Z	1.249	4
12	MP4A	Mx	001	4
13	MP4B	X	4.257	2
14	MP4B	Z	2.458	2
15	MP4B	Mx	0	2
16	MP4B	X	4.257	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
17	MP4B	Z	2.458	4
18	MP4B	Mx	0	4 4
19	MP4C	X	3.56	2
20	MP4C	Z	2.055	2
21	MP4C	Mx	.001	2
22	MP4C	X	3.56	4
23	MP4C	Z	2.055	4
24	MP4C	Mx	.001	4
25	MP2A	X	2.536	1.5
26	MP2A	Ž	1.464	1.5
27	MP2A	Mx	.001	1.5
28	MP2B	X	3.367	1.5
29	MP2B	Z	1.944	1.5
30	MP2B	Mx	0	1.5
31	MP2C	X	3.09	1.5
32	MP2C	Z	1.784	1.5
33	MP2C	Mx	000892	1.5
34	MP3A	X	2.373	1.5
35	MP3A	Z	1.37	1.5
36	MP3A	Mx	.001	1.5
37	MP3B	X	3.367	1.5
38	MP3B	Ž	1.944	1.5
39	MP3B	Mx	0	1.5
40	MP3C	X	3.035	1.5
41	MP3C	Ž	1.753	1.5
42	MP3C	Mx	000876	1.5
43	MP1B	X	7.885	.5
44	MP1B	Ž	4.552	.5
45	MP1B	Mx	0	.5
46	MP1B	X	7.885	5.5
47	MP1B	Z	4.552	5.5
48	MP1B	Mx	0	5.5
49	MP1C	X	3.658	1.5
50	MP1C	Ž	2.112	1.5
51	MP1C	Mx	.001	1.5
52	MP1C	X	3.658	4.5
53	MP1C	Z	2.112	4.5
54	MP1C	Mx	.001	4.5
55	MP1A	X	5.279	.5
56	MP1A	Z	3.048	.5
57	MP1A	Mx	003	.5
58	MP1A	X	5.279	5.5
59	MP1A	Z	3.048	5.5
60	MP1A	Mx	003	5.5
61	MP3A	X	3.426	.5
62	MP3A	Ž	1.978	.5
63	MP3A	Mx	000559	.5
64	MP3A	X	3.426	5.5
65	MP3A	Z	1.978	5.5
66	MP3A	Mx	000559	5.5
67	MP3B	X	5.984	
68	MP3B	7	3.455	.5 .5
69	MP3B	Mx	004	.5
70	MP3B	X	5.984	
71	MP3B	Z	3.455	5.5
72	MP3B	Mx	004	5.5
73	MP3C	X	5.132	5.5
10	IVIFUU	^	J. 13Z	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
74	MP3C	Z	2.963	.5
75	MP3C	Mx	.004	.5
76	MP3C	X	5.132	5.5
77	MP3C	Z	2.963	5.5
78	MP3C	Mx	.004	5.5
79	MP3A	X	3.426	.5
80	MP3A	Z	1.978	.5
81	MP3A	Mx	003	.5
82	MP3A	X	3.426	5.5
83	MP3A	Z	1.978	5.5
84	MP3A	Mx	003	5.5
85	MP3B	X	5.984	.5
86	MP3B	Z	3.455	.5
87	MP3B	Mx	.004	.5
88	MP3B	X	5.984	5.5
89	MP3B	Z	3.455	5.5
90	MP3B	Mx	.004	5.5
91	MP3C	X	5.132	.5
92	MP3C	Z	2.963	.5
93	MP3C	Mx	002	.5
94	MP3C	X	5.132	5.5
95	MP3C	Z	2.963	5.5
96	MP3C	Mx	002	5.5
97	M61	X	.996	5.5
98	M61	Z	.575	5.5
99	M61	Mx	000166	5.5
100	M61	X	.996	5.5
101	M61	Z	.575	5.5
102	M61	Mx	.000166	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M97	X	3.737	11
2	M97	Z	6.473	
3	M97	Mx	0	1
4	M95	X	3.737	1
5	M95	Z	6.473	1
6	M95	Mx	0	
7	MP4A	X	2.055	2
8	MP4A	Z	3.56	2
9	MP4A	Mx	001	2
10	MP4A	X	2.055	4
11	MP4A	Z	3.56	4
12	MP4A	Mx	001	4
13	MP4B	X	2.055	2
14	MP4B	Z	3.56	2
15	MP4B	Mx	001	2
16	MP4B	X	2.055	4
17	MP4B	Z	3.56	4
18	MP4B	Mx	001	4
19	MP4C	X	1.249	2
20	MP4C	Z	2.164	2
21	MP4C	Mx	۵001	2
22	MP4C	X	1.249	4
23	MP4C	Z	2.164	4
24	MP4C	Mx	.001	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
25	MP2A	X	1.784	1.5
26	MP2A	X	3.09	1.5
27	MP2A	Mx	.000892	1.5
28	MP2B	X	1.784	1.5
29	MP2B	Z	3.09	1.5
30	MP2B	Mx	.000892	1.5
31	MP2C	X	1.464	1.5
32	MP2C	Z	2.536	1.5
33	MP2C	Mx	001	1.5
34	MP3A	X	1.753	1.5
35	MP3A	Z	3.035	1.5
36	MP3A	Mx	.000876	1.5
37	MP3B	X	1.753	1.5
38	MP3B	Z	3.035	1.5
39	MP3B	Mx	.000876	1.5
0	MP3C	X	1.37	1.5
1	MP3C	Z	2.373	1.5
2	MP3C	Mx	001	1.5
3	MP1B	X	4.047	.5
4	MP1B	Z	7.009	.5
15	MP1B	Mx	002	.5
16	MP1B	X	4.047	5.5
17	MP1B	Z	7.009	5.5
8	MP1B	Mx	002	5.5
.9	MP1C	X	1.871	1.5
0	MP1C	Z	3.241	1.5
1	MP1C	Mx	.002	1.5
2	MP1C	X	1.871	4.5
3	MP1C	Z	3.241	4.5
54	MP1C	Mx	.002	4.5
55	MP1A	X	3.424	.5
6	MP1A	Z	5.93	.5
7	MP1A	Mx	002	.5
8	MP1A	X	3.424	5.5
59	MP1A	Z	5.93	5.5
60	MP1A	Mx	002	5.5
61	MP3A	X	2.963	.5
52	MP3A	Ž	5.132	.5
33	MP3A	Mx	.002	.5
64	MP3A	X	2.963	5.5
55	MP3A	Z	5.132	5.5
6	MP3A	Mx	.002	5.5
7	MP3B	X	2.963	.5
88	MP3B	Z	5.132	.5
69	MP3B	Mx	004	.5
0	MP3B	×	2.963	5.5
1	MP3B	Z	5.132	5.5
2	MP3B	Mx	004	5.5
3	MP3C	X	1.978	.5
4	MP3C	Ž	3.426	.5
5	MP3C	Mx	.003	.5
6	MP3C	X	1.978	5.5
7	MP3C	Z	3.426	
8	MP3C	Mx	.003	5.5
9	MP3A			5.5
0	MP3A	X	2.963 5.132	.5
31	MP3A	Mx	004	. <u>5</u> .5



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
82	MP3A	X	2.963	5.5
83	MP3A	Z	5.132	5.5
84	MP3A	Mx	004	5.5
85	MP3B	X	2.963	.5
86	MP3B	Z	5.132	.5
87	MP3B	Mx	.002	.5
88	MP3B	X	2.963	5.5
89	MP3B	Z	5,132	5.5
90	MP3B	Mx	.002	5.5
91	MP3C	X	1.978	.5
92	MP3C	Z	3.426	.5
93	MP3C	Mx	.000559	.5
94	MP3C	X	1.978	5.5
95	MP3C	Z	3.426	5.5
96	MP3C	Mx	.000559	5.5
97	M61	X	.994	5.5
98	M61	Z	1.722	5.5
99	M61	Mx	000166	5.5
100	M61	X	.994	5.5
101	M61	Z	1.722	5.5
102	M61	Mx	.000166	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M97	X	0	11
2	M97	Z	7.951	1
3	M97	Mx	0	11
4	M95	X	0	1
5	M95	Z	7.951	1
6	M95	Mx	0	
7	MP4A	X	0	2
8	MP4A	Z	4.916	2
9	MP4A	Mx	0	2
10	MP4A	X	0	4
11	MP4A	Z	4.916	4
12	MP4A	Mx	0	4
13	MP4B	X	0	2
14	MP4B	Z	2.499	2
15	MP4B	Mx	001	2
16	MP4B	X	0	4
17	MP4B	Z	2.499	4
18	MP4B	Mx	001	4
19	MP4C	X	0	2
20	MP4C	Z	1.693	2
21	MP4C	Mx	.000847	2
22	MP4C	X	0	4
23	MP4C	Z	1.693	4
24	MP4C	Mx	.000847	4
25	MP2A	X	0	1.5
26	MP2A	Z	3.888	1.5
27	MP2A	Mx	0	1.5
28	MP2B	X	0	1.5
29	MP2B	Z	2.928	1.5
30	MP2B	Mx	.001	1.5
31	MP2C	X	0	1.5
32	MP2C	Z	2.608	1.5



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
33	MP2C	Mx	001	1.5
34	MP3A	X	0	1.5
35	MP3A	Z	3.888	1.5
36	MP3A	Mx	0	1.5
37	MP3B	X	0	1.5
38	MP3B	Z	2.74	1.5
39	MP3B	Mx	.001	1.5
40	MP3C	X	0	1.5
41	MP3C	Z	2.358	1.5
42	MP3C	Mx	001	1.5
43	MP1B	X	0	.5
44	MP1B	Z	6.071	.5
45	MP1B	Mx	003	.5
46	MP1B	X	0	5.5
47	MP1B	Ž	6.071	5.5
48	MP1B	Mx	003	5.5
49	MP1C	X	0	
50	MP1C	Z	3,502	1.5
51	MP1C	Mx	.002	1.5
52	MP1C	X	0	
53	MP1C	Z		4.5
54	MP1C	Mx	3.502	4.5
55	MP1A		.002	4.5
56	MP1A	X	0	.5
57	MP1A		7.223	.5
58		Mx	0	.5
	MP1A	X	0	5.5
59	MP1A	Z	7.223	5.5
60	MP1A	Mx	0	5.5
61	MP3A	X	0	.5
62	MP3A	Z	6.91	.5
63	MP3A	Mx	.004	.5
64	MP3A	X	0	5.5
65	MP3A	Z	6.91	5.5
66	MP3A	Mx	.004	5.5
67	MP3B	X	0	.5
68	MP3B	Z	3.957	.5
69	MP3B	Mx	003	.5
70	MP3B	X	0	5.5
71	MP3B	Z	3.957	5.5
72	MP3B	Mx	003	5.5
73	, MP3C	X	0	.5
74	MP3C	Z	2.972	.5
75	MP3C	Mx	.001	.5
76	MP3C	X	0	5.5
77	MP3C	Z	2.972	5.5
78	MP3C	Mx	.001	5.5
79	MP3A	X	0	.5
80	MP3A	Z	6.91	.5
81	MP3A	Mx	004	.5
82	MP3A	X	0	5.5
83	MP3A	Z	6.91	5.5
84	MP3A	Mx	004	5.5
85	MP3B	X	0	.5
86	MP3B	Z	3.957	.5
87	MP3B	Mx	000559	.5
88	MP3B	X	0	5.5
89	MP3B	7	3.957	
	1111 00	- L	ত.হত।	5.5



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
90	MP3B	Mx	000559	5.5
91	MP3C	X	0	.5
92	MP3C	Z	2.972	.5
93	MP3C	Mx	.001	.5
94	MP3C	X	0	5.5
95	MP3C	Z	2.972	5.5
96	MP3C	Mx	.001	5.5
97	M61	X	0	5.5
98	M61	Z	2.408	5.5
99	M61	Mx	0	5.5
100	M61	X	0	5.5
101	M61	Z	2.408	5.5
102	M61	Mx	0	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M97	X	-3.737	1
2	M97	Z	6.473	1
3	M97	Mx	0	1
4	M95	X	-3.737	1
5	M95	Z	6.473	11
6	M95	Mx	0	
7	MP4A	X	-2.055	2
8	MP4A	Z	3.56	2
9	MP4A	Mx	.001	2
10	MP4A	X	-2.055	4
11	MP4A	Z	3.56	4
12	MP4A	Mx	.001	4
13	MP4B	X	846	2
14	MP4B	Z	1.466	2
15	MP4B	Mx	000846	2
16	MP4B	X	846	4
17	MP4B	Ž	1.466	4
18	MP4B	Mx	000846	4
19	MP4C	X	-1.249	2
20	MP4C	Ž	2.164	2
21	MP4C	Mx	.001	2
22	MP4C	X	-1.249	4
23	MP4C	Z	2.164	4
24	MP4C	Mx	.001	4
25	MP2A	X	-1.784	1.5
26	MP2A	Z	3.09	1.5
27	MP2A	Mx	000892	1.5
28	MP2B	X	-1.304	1.5
29	MP2B	Z	2.259	1.5
30	MP2B	Mx	.001	1.5
31	MP2C	X	-1.464	1.5
32	MP2C	Z	2.536	1.5
33	MP2C MP2C	Mx	001	1.5
34	MP3A	X	-1.753	1.5
	MP3A	Z	3.035	1.5
35 36	MP3A	Mx	000876	1.5
		X	-1.179	1.5
37	MP3B MP3B	Ž	2.042	1.5
		Mx	.001	1.5
39	MP3B MP3C	X	-1.37	1.5
40	INIPOL		-1.07	1.0

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
41	MP3C	Z	2.373	1.5
42	MP3C	Mx	001	1.5
43	MP1B	X	-2.53	.5
44	MP1B	Z	4.382	.5
45	MP1B	Mx	003	.5
16	MP1B	X	-2.53	5.5
47	MP1B	Z	4.382	5.5
18	MP1B	Mx	003	5.5
19	MP1C	X	-1.871	1.5
50	MP1C	Z	3.241	1.5
51	MP1C	Mx	.002	1.5
52	MP1C	X	-1.871	4.5
53	MP1C	Z	3.241	4.5
54	MP1C	Mx	.002	4.5
55	MP1A	X	-3.424	.5
56	MP1A	Z	5.93	.5
57	MP1A	Mx	.002	.5
58	MP1A	X	-3.424	5.5
59	MP1A	Z	5.93	5.5
50	MP1A	Mx	.002	5.5
31	МР3А	X	-2.963	.5
52	MP3A	Z	5.132	.5
63	MP3A	Mx	.004	.5
64	MP3A	X	-2.963	5.5
35	MP3A	Z	5.132	5.5
66	MP3A	Mx	.004	5.5
67	MP3B	X	-1.486	.5
88	MP3B	Z	2.574	.5
59	MP3B	Mx	001	.5
70	MP3B	X	-1.486	5.5
71	MP3B	Z	2.574	5.5
72	MP3B	Mx	001	5.5
73	MP3C	X	-1.978	.5
74	MP3C	Z	3.426	.5
75	MP3C	Mx	.000559	.5
76	MP3C	X	-1.978	5.5
77	MP3C	Z	3.426	5.5
78	MP3C	Mx	.000559	5.5
79	MP3A	X	-2.963	.5
30	MP3A	Z	5.132	.5
31	MP3A	Mx	002	.5
32	MP3A	X	-2.963	5.5
33	MP3A	Z	5.132	5.5
34	MP3A	Mx	002	5.5
35	MP3B	X	-1.486	.5
36	MP3B	Z	2.574	.5
7	MP3B	Mx	001	.5
8	MP3B	X	-1.486	5.5
9	MP3B	Z	2.574	5.5
0	MP3B	Mx	001	5.5
1	MP3C	X	-1.978	.5
2	MP3C	Ž	3.426	.5
93	MP3C	Mx	.003	.5
94	MP3C	X	-1.978	5.5
95	MP3C	Z	3.426	5.5
96	MP3C	Mx	.003	5.5
97	M61	X	994	5.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
98	M61	Z	1.722	5.5
99	M61	Mx	.000166	5.5
99 100	M61	X	994	5.5
101	M61	Z	1.722	5.5
101 102	M61	Mx	000166	5.5

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

Member	Label Direction	Magnitude[lb,k-ft]	Location[ft,%]
1 M9	7 X	-5.647	1
2 M9	7 Z	3.261	
3 M9		0	1
4 M9		-5.647	
5 M9		3.261	
6 M9		0	
7 MP4	IA X	-2.164	2
8 MP4		1.249	2
9 MP4	IA Mx	.001	2
10 MP4	IA X	-2.164	4
11 MP4		1.249	4
12 MP4		.001	4
13 MP4	IB X	-2.164	2
14 MP4	IB Z	1.249	2
15 MP4	IB Mx	001	2
16 MP4	IB X	-2.164	4
17 MP4	4B Z	1.249	4
18 MP4	IB Mx	001	4
19 MP4		-3.56	2
20 MP4		2.055	2
21 MP4	C Mx	.001	2
22 MP4	IC X	-3.56	4
23 MP4		2.055	4
24 MP4	IC Mx	.001	4
25 MP2		-2.536	1.5
26 MP2		1.464	1.5
27 MP2	2A Mx	001	1.5
28 MP2		-2.536	1.5
29 MP2		1.464	1.5
30 MP2		.001	1.5
31 MP2		-3.09	1.5
32 MP2		1.784	1.5
33 MP2		000892	1.5
34 MP3		-2.373	1.5
35 MP3		1.37	1.5
36 MP3		001	1.5
37 MP3	BB X	-2.373	1.5
38 MP3	BB Z	1.37	1.5
39 MP3		.001	1.5
40 MP3		-3.035	1.5
41 MP3		1.753	1.5
42 MP3		000876	1.5
43 MP		-5.258	.5
44 MP		3.036	.5
45 MP		003	.5
46 MP		-5.258	5.5
47 MP		3.036	5.5
48 MP		003	5.5



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

10	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
49 50	MP1C	X	-3.658	1.5
51	MP1C	Z	2.112	1.5
52	MP1C	Mx	.001	1.5
	MP1C	X	-3.658	4.5
53	MP1C	Z	2.112	4.5
54	MP1C	Mx	.001	4.5
55	MP1A	X	-5.279	.5
56	MP1A	Z	3.048	.5
57	MP1A	Mx	.003	.5
58	MP1A	X	-5.279	5.5
59	MP1A	Z	3.048	5.5
60	MP1A	Mx	.003	5.5
61	MP3A	X	-3,426	.5
62	MP3A	Z	1.978	.5
63	MP3A	Mx	.003	.5
64	MP3A	X	-3.426	5.5
35	MP3A	Z	1.978	5.5
66	MP3A	Mx	.003	5.5
67	MP3B	X	-3.426	.5
68	MP3B	Z	1.978	.5
69	MP3B	Mx	000559	.5
70	MP3B	X	-3.426	5.5
71	MP3B	Z	1,978	5.5
72	MP3B	Mx	000559	5.5
73	MP3C	X	-5.132	.5
74	MP3C	Z	2.963	.5
75	MP3C	Mx	002	.5
76	MP3C	X	-5.132	5.5
77	MP3C	Z	2.963	5.5
78	MP3C	Mx	002	5.5
79	MP3A	X	-3.426	.5
30	MP3A	Z	1,978	.5
31	MP3A	Mx	.000559	.5
32	MP3A	X	-3.426	5.5
33	MP3A	Z	1.978	5.5
34	MP3A	Mx	.000559	5.5
85	MP3B	X	-3.426	.5
36	MP3B	Ž	1.978	.5
37	MP3B	Mx	003	.5
38	MP3B	X	-3.426	5.5
39	MP3B	Z	1.978	5.5
90	MP3B	Mx	003	5.5
91	MP3C	X	-5.132	
92	MP3C	Z	2.963	.5
3	MP3C	Mx	.004	
4	MP3C	X	-5.132	.5 5.5
95	MP3C	Z	2.963	
96	MP3C	Mx	.004	5.5
97	M61	X		5.5
98	M61	Ž	996	5.5
99	M61		.575	5.5
00	M61	Mx	.000166	5.5
01	M61	Z	996	5.5
02			.575	5.5
UZ	M61	Mx	000166	5.5

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

Magnitude(II) k ft) | Legation(Iff %)

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M97	X	-6.045	1 A 1 1 1 1 1 1 1 1 1
2	M97		0	
3	M97	Mx	0	
4	M95	X	-6.045	1
5	M95	Z	0	
6	M95	Mx		
7	MP4A	X	-1.693	2
8	MP4A	Z	0	2
9	MP4A	Mx	.000847	4
10	MP4A	X	-1.693 0	4
11	MP4A	Z	.000847	4
12	MP4A	Mx	-4.11	2
13	MP4B	X	-4.11	2
14	MP4B		001	2
15	MP4B	Mx	-4.11	4
16	MP4B	X	0	4
17	MP4B	Z	001	4
18	MP4B	Mx	-4.916	2
19	MP4C	X	-4.916	2
20	MP4C		0	2
21	MP4C	Mx X	-4.916	4
22	MP4C		0	4
23	MP4C	Z	0	4
24	MP4C	Mx	-2.608	1.5
25	MP2A	X	0	1.5
26	MP2A		001	1.5
27	MP2A	Mx	-3.568	1.5
28	MP2B	X	-3.366	1.5
29	MP2B		.000892	1.5
30	MP2B	Mx	-3.888	1.5
31	MP2C	X	-3.686	1.5
32	MP2C		0	1.5
33	MP2C	Mx X	-2.358	1.5
34	MP3A	Z	0	1.5
35	MP3A	Mx	001	1.5
36	MP3A	X	-3.505	1.5
37	MP3B	Ž	-9:503	1.5
38	MP3B	Mx	.000876	1.5
39	MP3B MP3C	X	-3.888	1.5
40		Z	0	1.5
41	MP3C MP3C	Mx	0	1.5
	MP1B		-8.093	.5
43	MP1B	X	-6:093	.5
45	MP1B MP1B	Mx	002	.5
45	MP1B	X	-8.093	5.5
46	MP1B MP1B	Z	0	5.5
48	MP1B	Mx	002	5.5
48	MP1C	X	-4.464	1.5
50	MP1C	Ž	0	1.5
51	MP1C	Mx	0	1.5
52	MP1C MP1C	X	-4.464	4.5
53	MP1C	Z	0	4.5
	MP1C	Mx	Ö	4.5
54	MP1A	X	-5.719	.5
55 56	MP1A	Z	0	.5
57	MP1A MP1A	Mx	.003	.5



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

-	Member Label	Direction	Magnitude(lb,k-ft)	Location[ft,%]
58	MP1A	X	-5.719	5.5
59	MP1A	Z	0	5.5
60	MP1A	Mx	.003	5.5
61	MP3A	X	-2.972	.5
62	MP3A	Z	0	.5
63	MP3A	Mx	.001	.5
64	MP3A	X	-2.972	5.5
65	MP3A	Ž	0	5.5
66	MP3A	Mx	.001	5.5
67	MP3B	X	-5.925	.5
68	MP3B	Z	0	.5
69	MP3B	Mx	.002	.5
70	MP3B	X	-5.925	5.5
71	MP3B	Z	-3.925 0	
72	MP3B	Mx	.002	5.5
73	MP3C	X		5.5
74	MP3C	Z	-6.91 0	.5
75	MP3C			.5
76	MP3C	Mx X	004	.5
77	MP3C	Z	-6.91	5.5
78			0	5.5
	MP3C	Mx	004	5.5
79	MP3A	X	-2.972	.5
80	MP3A	Z	0	.5
81	MP3A	Mx	.001	.5
82	MP3A	X	-2.972	5.5
83	MP3A	Z	0	5.5
84	MP3A	Mx	.001	5.5
85	MP3B	X	-5.925	.5
86	MP3B	Z	0	.5
87	MP3B	Mx	004	.5
88	MP3B	X	-5.925	5.5
89	MP3B	Z	0	5.5
90	MP3B	Mx	004	5.5
91	MP3C	X	-6.91	.5
92	MP3C	Z	0	.5
93	MP3C	Mx	.004	.5
94	MP3C	X	-6.91	5.5
95	MP3C	Z	0	5.5
96	MP3C	Mx	.004	5.5
97	M61	X	73	5.5
98	M61	Z	0	5.5
99	M61	Mx	.000122	5.5
100	M61	X	73	5.5
101	M61	Z	0	5.5
102	M61	Mx	000122	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M97	X	-5.647	1
2	M97	Z	-3.261	1
3	M97	Mx	0	1
4	M95	X	-5.647	
5	M95	Z	-3.261	1
6	M95	Mx	0	1
7	MP4A	X	-2.164	2
8	MP4A	Z	-1.249	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
9	MP4A	Mx	.001	2
10	MP4A	X	-2.164	4
11	MP4A	Z	-1.249	4
12	MP4A	Mx	.001	4
13	MP4B	X	-4.257	2
4	MP4B	Z	-2.458	2
5	MP4B	M×	0	2
6	MP4B	X	-4.257	4
7	MP4B	Z	-2.458	4
8	MP4B	Mx	0	4 18
9	MP4C	X	-3.56	2
20	MP4C	Z	-2.055	2
21	MP4C	Mx	001	2
2	MP4C	X	-3.56	4
3	MP4C	Z	- 2.055	4
24	MP4C	Mx	001	4
5	MP2A	X	-2.536	1.5
26	MP2A	Z	-1.464	1.5
.7	MP2A	Mx	001	1.5
28	MP2B	X	-3.367	1.5
9	MP2B	Z	-1.944	1.5
80	MP2B	Mx	0	1.5
31	MP2C	X	-3.09	1.5
32	MP2C	Z	-1.784	1.5
3	MP2C	Mx	.000892	1.5
4	MP3A	X	-2.373	1.5
5	MP3A	Z	-1.37	1.5
36	MP3A	Mx	001	1.5
37	MP3B	X	-3.367	1.5
38	MP3B	X	-1.944	1.5
9	MP3B	Mx	0	1.5
10	MP3C	X	-3.035	1.5
1	MP3C	Z	-1.753	1.5
2	MP3C	Mx	.000876	1.5
3	MP1B	X	-7.885	.5
4	MP1B	Z	-4.552	.5
5	MP1B	Mx	0	.5
6	MP1B	X	-7.885	5.5
17	MP1B	Z	-4.552	5.5
8	MP1B	Mx	0	5.5
9	MP1C	X	-3.658	1.5
50	MP1C	Ž	-2.112	1.5
51	MP1C	Mx	001	1.5
2	MP1C	X	-3.658	4.5
3	MP1C	Z	-2.112	4.5
4	MP1C	Mx	001	4.5
55	MP1A	X	-5.279	.5
66	MP1A	Ž	-3.048	.5
57	MP1A	Mx	.003	.5
58	MP1A	X	-5.279	5.5
59	MP1A	Ž	-3.048	5.5
50	MP1A	Mx	.003	5.5
61	MP3A	X	-3.426	.5
52	MP3A	Ž	-1.978	,5
63	MP3A	Mx	.000559	.5
	MP3A	X	-3.426	5.5
64 65	MP3A	Z	-1.978	5.5



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

	Member Label	Direction	Magnitude(lb,k-ft)	Location[ft,%]
66	MP3A	Mx	.000559	5.5
67	MP3B	X	-5.984	.5
68	MP3B	Z	-3.455	.5
69	MP3B	Mx	.004	.5
70	MP3B	X	-5.984	5.5
71	MP3B	Z	-3.455	5.5
72	MP3B	Mx	.004	5.5
73	MP3C	X	-5.132	.5
74	MP3C	Z	-2.963	.5
75	MP3C	Mx	004	.5
76	MP3C	X	-5.132	5.5
77	MP3C	Z	-2.963	5.5
78	MP3C	Mx	004	5.5
79	MP3A	X	-3.426	.5
80	MP3A	Z	-1.978	.5
81	MP3A	Mx	.003	.5
82	MP3A	X	-3.426	5.5
83	MP3A	Z	-1.978	5.5
84	MP3A	Mx	.003	5.5
85	MP3B	X	-5.984	.5
86	MP3B	Z	-3.455	.5
87	MP3B	Mx	004	.5
88	MP3B	X	-5.984	5.5
89	MP3B	Z	-3.455	5.5
90	MP3B	Mx	004	5.5
91	MP3C	X	-5.132	.5
92	MP3C	Z	-2.963	.5
93	MP3C	Mx	.002	.5
94	MP3C	X	-5.132	5.5
95	MP3C	Z	-2.963	5.5
96	MP3C	Mx	.002	5.5
97	M61	X	- 996	5.5
98	M61	Z	575	5.5
99	M61	Mx	.000166	5.5
100	M61	X	996	5.5
101	M61	Z	575	5.5
102	M61	Mx	000166	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M97	X	-3.737	1 1
2	M97	Z	-6.473	
3	M97	Mx	0	1
4	M95	X	-3.737	
5	M95	Z	-6.473	1
6	M95	Mx	0	1
7	MP4A	X	-2.055	2
8	MP4A	Z	-3.56	2
9	MP4A	Mx	.001	2
10	MP4A	X	-2.055	4
11	MP4A	Z	-3.56	4
12	MP4A	Mx	.001	4
13	MP4B	X	-2.055	2
14	MP4B	Z	-3.56	2
15	MP4B	Mx	.001	2
16	MP4B	X	-2.055	4

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

Member	Label Direction	Magnitude[lb,k-ft]	Location[ft,%]
17 MP4	B Z	-3.56	4
18 MP4		.001	4
9 MP4		-1.249	2
0 MP4		-2.164	2
1 MP4	C Mx	001	2
2 MP4	C X	-1.249	4
3 MP4	C Z	-2.164	4
4 MP4		001	4
5 MP2	PA X	-1.784	1.5
6 MP2		-3.09	1.5
7 MP2	2A Mx	000892	1.5
8 MP2	2B X	-1.784	1.5
.9 MP2		-3.09	1.5
0 MP2		000892	1.5
1 MP2		-1.464	1.5
MP2		-2.536	1.5
3 MP2		.001	1.5
4 MP3	3A X	-1.753	1.5
5 MP3	BA Z	-3.035	1.5
6 MP3	BA Mx	000876	1.5
7 MP3	BB X	-1.753	1,5
8 MP3		-3.035	1.5
9 MP3		000876	1,5
0 MP3		-1.37	1.5
1 MP3		-2.373	1.5
2 MP3		.001	1.5
3 MP		-4.047	.5
4 MP		-7.009	.5
5 MP		.002	.5
6 MP		-4.047	5.5
7 MP		-7.009	5.5
8 MP		.002	5.5
9 MP1		-1.871	1.5
60 MP1	CZ	-3.241	1.5
id MP1		002	1.5
62 MP1		-1.871	4.5
i3 MP1		-3.241	4.5
64 MP1		002	4.5
55 MP		-3.424	.5
66 MP		-5.93	.5
67 MP		.002	.5
8 MP		-3.424	5.5
9 MP		-5.93	5.5
60 MP		.002	5.5
1 MP:		-2.963	.5
62 MP:		-5.132	.5
i3 MP:		002	.5
MP:		-2.963	5.5
5 MP:		-5.132	5.5
6 MP:		002	5.5
67 MP:		-2.963	.5
68 MP:		-5.132	.5
89 MP:		.004	.5
		-2.963	5.5
		-5.132	5.5
		.004	5.5
72 MP3		-1.978	.5
73 MP3		1.070	

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
74	MP3C	Z	-3.426	.5
75	MP3C	Mx	003	.5
76	MP3C	X	-1.978	5.5
77	MP3C	Z	-3.426	5.5
78	MP3C	Mx	003	5.5
79	MP3A	X	-2.963	.5
80	MP3A	Z	-5.132	.5
81	MP3A	Mx	.004	.5
82	MP3A	X	-2.963	5.5
83	MP3A	Z	-5.132	5.5
84	MP3A	Mx	.004	5.5
85	MP3B	X	-2.963	.5
86	MP3B	Z	-5.132	.5
87	MP3B	Mx	002	.5
88	MP3B	X	-2.963	5.5
89	MP3B	Z	-5.132	5.5
90	MP3B	Mx	002	5.5
91	MP3C	X	-1.978	.5
92	MP3C	Z	-3.426	.5
93	MP3C	Mx	000559	.5
94	MP3C	X	-1.978	5.5
95	MP3C	Z	-3.426	5.5
96	MP3C	Mx	000559	5.5
97	M61	X	994	5.5
98	M61	Z	-1.722	5.5
99	M61	Mx	.000166	5.5
100	M61	X	994	5.5
101	M61	Z	-1.722	5.5
102	M61	Mx	-,000166	5.5

Member Point Loads (BLC 77 : Lm1)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft.%]
1	M1	Y	-500	%47

Member Point Loads (BLC 78: Lm2)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft.%]
1	M1	Y	-500	%20

Member Point Loads (BLC 79 : Lv1)

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

Member Point Loads (BLC 80 : Lv2)

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

Member Point Loads (BLC 81 : Antenna Ev)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M97	Y	-1.242	1
2	M97	My	0	
3	M97	Mz	0	1
4	M95	Y	-1.242	
5	M95	My	0	1
6	M95	Mz	0	



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft.%]
7	MP4A	Y	-1.691	2 2
8	MP4A	My	000845	2
9	MP4A	Mz	0	2
10	MP4A	Y	-1.691	4
11	MP4A	My	000845	4
12	MP4A	Mz	0	4
13	MP4B	Y	-1.691	2
14	MP4B	My	.000423	2
15	MP4B	Mz	000732	2
16	MP4B	Y	-1.691	4
17	MP4B	My	.000423	4
18	MP4B	Mz	000732	4
19	MP4C	Y	-1.691	2
20	MP4C	My	0	2
	MP4C	Mz	.000845	2
21	MP4C	Y	-1.691	4
22		My	0	4
23	MP4C	Mz	.000845	4
24	MP4C	Y	-2.9	1.5
25	MP2A		.001	1.5
26	MP2A	My	0	1.5
27	MP2A	Mz Y	-2.9	1.5
28	MP2B		000725	1.5
29	MP2B	My		1.5
30	MP2B	Mz	.001	1.5
31	MP2C	Y	-2.9	1.5
32	MP2C	My	0	1.5
33	MP2C	Mz	001	1.5
34	MP3A	Y	-2.73	1.5
35	MP3A	My	.001	1.5
36	MP3A	Mz	0	1.5
37	MP3B	Y	-2.73	
38	MP3B	My	000682	1.5
39	MP3B	Mz	.001	1.5
40	MP3C	Y	-2.73	1.5
41	MP3C	My	0	1.5
42	MP3C	Mz	001	1,5
43	MP1B	Y	373	.5
44	MP1B	My	9.3e-5	.5
45	MP1B	Mz	000161	.5
46	MP1B	Υ	373	5.5
47	MP1B	My	9.3e-5	5.5
48	MP1B	Mz	000161	5.5
49	MP1C	Y	233	1.5
50	MP1C	My	0	1.5
51	MP1C	Mz	.000116	1.5
52	MP1C	Υ	233	4.5
53	MP1C	My	0	4.5
54	MP1C	Mz	.000116	4.5
55	MP1A	Y	349	.5
56	MP1A	My	000175	.5
57	MP1A	Mz	0	.5
58	MP1A	Y	349	5.5
59	MP1A	My	000175	5.5
60	MP1A	Mz	0	5.5
61	MP3A	Y	777	.5
62	MP3A	My	000388	.5
63	MP3A	Mz	.000453	.5



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
64	MP3A	Y	777	5.5
65	MP3A	My	000388	5.5
66	MP3A	Mz	.000453	5.5
67	MP3B	Y	777	.5
68	MP3B	My	000198	.5
69	MP3B	Mz	000563	.5
70	MP3B	Y	777	5.5
71	MP3B	My	000198	5.5
72	MP3B	Mz	000563	5.5
73	MP3C	Y	777	.5
74	MP3C	My	.000453	.5
75	MP3C	Mz	.000388	.5
76	MP3C	Y	777	5.5
77	MP3C	My	.000453	5.5
78	MP3C	Mz	.000388	5.5
79	MP3A	Y	777	.5
80	MP3A	My	000388	.5
81	MP3A	Mz	000453	.5
82	MP3A	Y	777	5.5
83	MP3A	My	000388	5.5
84	MP3A	Mz	000453	5.5
85	MP3B	Y	777	.5
86	MP3B	My	.000586	.5
87	MP3B	Mz	00011	.5
88	MP3B	Y	777	5.5
89	MP3B	My	.000586	5.5
90	MP3B	Mz	00011	5.5
91	MP3C	Y	777	.5
92	MP3C	My	000453	.5
93	MP3C	Mz	.000388	.5
94	MP3C	Y	777	5.5
95	MP3C	My	000453	5.5
96	MP3C	Mz	.000388	5.5
97	M61	Y	683	5.5
98	M61	My	000114	5.5
99	M61	Mz	0	5.5
100	M61	Y	683	5.5
101	M61	My	.000114	5.5
102	M61	Mz	0	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M97	Z	-3.106	1
2	M97	Mx	0	
3	M95	Z	-3.106	- 1
4	M95	Mx	0	1
5	MP4A	Z	-4.227	2
6	MP4A	Mx	0	2
7	MP4A	Z	-4.227	4
8	MP4A	Mx	0	4
9	MP4B	Z	-4.227	2
10	MP4B	Mx	.002	2
11	MP4B	Z	-4.227	4
12	MP4B	Mx	.002	4
13	MP4C	Z	-4.227	2
14	MP4C	Mx	002	2



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
15	MP4C	Z	-4.227	4
16	MP4C	Mx	002	4
17	MP2A	Z	-7.251	1.5
18	MP2A	Mx	0	1.5
19	MP2B	Z	-7.251	1.5
20	MP2B	Mx	003	1.5
21	MP2C	Z	-7.251	1.5
22	MP2C	Mx	.004	1.5
23	MP3A	Z	-6.824	1.5
24	MP3A	Mx	0	1.5
25	MP3B	Z	-6.824	1.5
26	MP3B	Mx	003	1.5
27	MP3C	Z	-6.824	1.5
28	MP3C	Mx	.003	1.5
29	MP1B	Z	932	.5
30	MP1B	Mx	.000403	.5
31	MP1B	Z	932	5.5
32	MP1B	Mx	.000403	5.5
33	MP1C	Z	582	1.5
34	MP1C	Mx	000291	1.5
35	MP1C	Z	582	4.5
36	MP1C	Mx	000291	4.5
37	MP1A	Z	874	.5
38	MP1A	Mx	0	.5
39	MP1A	Z	874	5.5
40	MP1A	Mx	0	5.5
41	MP3A	Z	-1.941	.5
42	MP3A	Mx	001	.5
43	MP3A	Z	-1.941	5.5
44	MP3A	Mx	001	5.5
45	MP3B	Z	-1.941	.5
46	MP3B	Mx	.001	.5
47	MP3B	Z	-1.941	5.5
48	MP3B	Mx	.001	5.5
49	MP3C	Z	-1.941	.5
50	MP3C	Mx	000971	.5
51	MP3C	Z	-1.941	5.5
52	MP3C	Mx	000971	5.5
53	MP3A	Z	-1.941	.5
54	MP3A	Mx	.001	.5
55	MP3A	Z	-1.941	5.5
56	MP3A	Mx	.001	5.5
57	MP3B	Z	-1.941	.5
58	MP3B	Mx	.000274	.5
59	MP3B	Z	-1.941	5.5
60	MP3B	Mx	.000274	5.5
61	MP3C	Z	-1.941	.5
62	MP3C	Mx	000971	.5
63	MP3C	Z	-1.941	5.5
64	MP3C	Mx	000971	5.5
65	M61	Z	-1.708	5.5
66	M61	Mx	0	5.5
67	M61	Z	-1.708	5.5
68	M61	Mx	0	5.5

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

Magaitudallh k ft)

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	M97	X	3.106	1
2	M97	Mx	0	
3	M95	X	3.106	1
4	M95	Mx	0	
5	MP4A	X	4.227	2
6	MP4A	Mx	002	2
7	MP4A	X	4.227	4
8	MP4A	Mx	002	4
9	MP4B	X		
10	MP4B		4.227	2
11	MP4B	Mx	,001	2
12		X	4.227	4
	MP4B	Mx	.001	4
13	MP4C	X	4.227	2
14	MP4C	Mx	0	2
15	MP4C	X	4.227	4
16	MP4C	Mx	0	4
17	MP2A	X	7.251	1.5
18	MP2A	Mx	.004	1.5
19	MP2B	X	7.251	1.5
20	MP2B	Mx	002	1.5
21	MP2C	X	7.251	1.5
22	MP2C	Mx	0	1.5
23	MP3A	X	6.824	1.5
24	MP3A	Mx	.003	1.5
25	MP3B	X	6.824	1.5
26	MP3B	Mx	002	1.5
27	MP3C	X	6.824	1.5
28	MP3C	Mx	0	1.5
29	MP1B	X	.932	.5
30	MP1B	Mx	.000233	.5
31	MP1B	X	.932	5.5
32	MP1B	Mx	.000233	5.5
33	MP1C	X	.582	
34	MP1C	Mx	.562	1.5
35	MP1C			1.5
36	MP1C	X	.582	4.5
		Mx	0	4.5
37	MP1A	X	.874	.5
38	MP1A	Mx	000437	.5
39	MP1A	X	.874	5.5
40	MP1A	Mx	000437	5.5
11	MP3A	X	1.941	.5
12	MP3A	Mx	000971	.5
13	MP3A	X	1.941	5.5
14	MP3A	Mx	000971	5.5
15	MP3B	X	1.941	.5
16	MP3B	Mx	000495	.5
7	MP3B	X	1.941	5.5
8	МРЗВ	Mx	000495	5.5
9	MP3C	X	1.941	.5
0	MP3C	Mx	.001	.5
1	MP3C	X	1.941	5.5
2	MP3C	Mx	.001	5.5
3	MP3A	X	1.941	.5
54	MP3A	Mx	000971	.5
55	MP3A	X	1.941	5.5
56	MP3A	Mx	000971	5.5
	IVII UA	IVIX	000971	0.0



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3B	Mx	.001	.5
59	MP3B	X	1.941	5.5
60	MP3B	Mx	.001	5.5
61	MP3C	X	1.941	.5
62	MP3C	Mx	001	.5
63	MP3C	X	1.941	5.5
64	MP3C	Mx	001	5.5
65	M61	X	1.708	5.5
66	M61	Mx	000285	5.5
67	M61	X	1.708	5.5
68	M61	Mx	.000285	5.5

Joint Loads and Enforced Displacements

Joint Label	L,D,M	Direction	Magnitude[(lb,k-ft), (in,rad), (lb*s^2/
	No Data to Print		

Member Distributed Loads (BLC 40: Structure Di)

	Member Label	Direction	Start Magnitude[lb/ft,,	End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
1	M1	Y	-12.194	- 12.194	0	%100
2	M2	Y	-12.194	-12.194	0	%100
3	M3	Y	-12.194	-12.194	0	%100
4	M4	Y	-12.194	-12.194	0	%100
5	M5	Y	-15.104	-15.104	0	%100
6	M8	Y	-16.559	-16.559	0	%100
7	M9	Y	-12.194	-12.194	0	%100
8	M10	Y	-12.194	-12.194	0	%100
9	M11	Y	-12.194	-12.194	0	%100
10	M12	Y	-12.194	-12.194	0	%100
11	M13	Y	-15.104	-15.104	.0	%100
12	M16	Y	-16.559	-16.559	0	%100
13	M17	Y	-12.194	-12.194	0	%100
14	M18	Y	-12.194	-12.194	0	%100
15	M19	Y	-12.194	-12.194	0	%100
16	M20	Ý	-12.194	-12.194	0	%100
17	M21	Ý	-15.104	-15.104	0	%100
18	M24	Ý	-16.559	-16.559	0	%100
19	MP1A	Y	-8.351	-8.351	0	%100
20	MP2A	Y	-8.351	-8.351	0	%100
21	MP3A	Y	-8.351	-8.351	0	%100
22	MP4A	Y	-8.351	-8.351	0	%100
23	MP1C	Y	-8.351	-8.351	0	%100
24	MP2C	Y	-8.351	-8.351	0	%100
25	MP3CA	Y	-8.351	-8.351	0	%100
26	MP4CA	Y	-8.351	-8.351	0	%100
27	MP1B	Ý	-8.351	-8.351	0	%100
28	MP2B	Ý	-8.351	-8.351	0	%100
29	MP3B	Ý	-8.351	-8.351	0	%100
30	MP4B	Ý	-8.351	-8.351	0	%100
31	MP3C	Ý	-8.351	-8.351	0	%100
32	M61	Y	-9.38	-9.38	0	%100
33	M66	Ý	-9.38	-9.38	0	%100
34	M71	Y	-9.38	-9.38	0	%100
35	M82	Ý	-12.194	-12.194	0	%100
36	M83	Ý	-12.194	-12.194	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,%]
37	M84	Υ	-12.194	-12.194	0	%100
38	M86	Y	-17.353	-17.353	0	%100
39	M88	Υ	-17.353	-17.353	0	%100
40	M90	Υ	-17.353	-17.353	0	%100
41	MP4C	Y	-8.351	-8.351	0	%100
42	M95	Υ	-8.351	-8.351	0	%100
43	M97	Y	-8.351	-8.351	0	%100
44	M99	Y	-8.351	-8.351	0	%100

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

	Member Label	Direction		End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	-20.065	-20.065	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	-12.662	-12.662	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	-20.065	-20.065	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	-12.662	-12.662	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	0	0	0	%100
11	M8	X	0	0	0	%100
12	M8	Z	0	0	0	%100
13	M9	X	00	0	0	%100
14	M9	Z	-5.016	-5.016	0	%100
15	M10	X	0	0	0	%100
16	M10	Z	-5.2e-5	-5.2e-5	0	%100
17	M11	X	0	0	0	%100
18	M11	Z	-5.016	-5.016	0	%100
19	M12	X	0	0	0	%100
20	M12	Z	-12.61	-12.61	0	%100
21	M13	X	0	0	0	%100
22	M13	Z	-8.576	-8.576	0	%100
23	M16	X	0	0	0	%100
24	M16	Z	-11.154	-11.154	0	%100
25	M17	X	0	0	0	%100
26	M17	Z	-5.016	-5.016	0	%100
27	M18	X	0	0	0	%100
28	M18	Z	-12.61	-12.61	0	%100
29	M19	X	0	0	0	%100
30	M19	Z	-5.016	-5.016	0	%100
31	M20	X	0	0	0	%100
32	M20	Z	-5.2e-5	-5.2e-5	0	%100
33	M21	X	0	0	0	%100
34	M21	Z	-8.576	-8.576	0	%100
35	M24	X	0	0	0	%100
36	M24	Z	-11.154	-11.154	Ö	%100
37	MP1A	X	0	0	0	%100
38	MP1A	Z	-9.531	-9.531	0	%100 %100
39	MP2A	X	0.001	0	0	%100 %100
40	MP2A	Z	-9.531	-9.531	0	%100 %100
41	MP3A	X	0	0	0	%100 %100
42	MP3A	Z	-9.531	-9.531	0	%100 %100
43	MP4A	X	0	0	0	%100 %100
44	MP4A	Z	-9.531	-9.531	Ö	%100 %100
45	MP1C	X	0	0	0	%100 %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,%]
46	MP1C	Z	-9.531	-9.531	0	%100
47	MP2C	X	0	0	0	%100
48	MP2C	Z	-9.531	-9.531	0	%100
49	MP3CA	X	0	0	0	%100
50	MP3CA	Z	-9.531	-9.531	0	%100
51	MP4CA	X	0	0	0	%100
52	MP4CA	Z	-9.531	-9.531	0	%100
53	MP1B	X	0	0	0	%100
54	MP1B	Z	-9.531	-9.531	0	%100
55	MP2B	X	0	0	0	%100
56	MP2B	Z	-9.531	-9.531	0	%100
57	MP3B	X	0	0	0	%100
58	MP3B	Z	-9.531	-9.531	0	%100
59	MP4B	X	0	0	0	%100
60	MP4B	Z	-9.531	-9.531	0	%100
61	MP3C	X	0	0.001	0	%100
62	MP3C	Z	-9.531	-9.531	0	%100
63	M61	X	0	0.001	0	%100
64	M61	Z	-11.537	-11.537	0	%100
65	M66	X	0	0	0	%100
66	M66	Z	-2.884	-2.884	Ö	%100
67	M71	X	0	0	0	%100
68	M71	Z	-2.884	-2.884	0	%100
69	M82	X	-2.004	0	0	%100
70	M82	Z	-3.655	-3.655	0	%100
71	M83	X	-5.055	0	0	%100
	M83	Ž	-3.655	-3.655	Ō	%100
72 73	M84	X	-5:055	0	0	%100
	M84	Ž	-14.618	-14.618	Ö	%100
74	M86	X	0	0	0	%100
75	M86	Ž	-4.133	-4.133	0	%100
76		X	0	0	0	%100
77	M88	Ž	-16.082	-16.082	0	%100
78	M88	X	0	0	0	%100
79	M90 M90	Ž	-16.082	-16.082	0	%100
80		X	-10.062	0	0	%100
81	MP4C	Ž	-9.531	-9.531	0	%100
82	MP4C	X	-9.551	-9.551	0	%100
83	M95	7	-8.685	-8.685	0	%100
84	M95		-6.063	-0.003	0	%100
85	M97	X Z	-8.685	-8.685	0	%100
86	M97	X	-8.685	-0.000	0	%100 %100
87	M99	7	-8.685	-8.685	0	%100
88	M99		-0.000	-0.000	U	70100

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

	Member Label	Direction	Start Magnitude[lb/ft	End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
1	M1	X	7.524	7.524	0	%100
2	M1	Z	-13.033	-13.033	0	%100
3	M2	X	8,424	8.424	0	%100
4	M2	Z	-14.591	-14.591	0	%100
5	M3	X	7.524	7.524	0	%100
6	M3	7.	-13.033	-13.033	0	%100
7	M4	X	2.119	2.119	0	%100
8	M4	Z	-3.67	-3.67	0	%100
9	M5	X	1.429	1.429	0	%100
10	M5	7	-2.476	-2.476	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,%]
11	M8	X	1.859	1.859	0	%100
12	M8	Z	-3.22	-3.22	0	%100
13	M9	X	7.524	7.524	0	%100
14	M9	Z	-13.033	-13.033	0	%100
15	M10	X	2.119	2.119	0	%100
16	M10	Z	-3.67	-3.67	0	%100
17	M11	X	7.524	7.524	0	%100
18	M11	Z	-13.033	-13.033	0	%100
19	M12	X	8.424	8.424	0	%100
20	M12	Z	-14.591	-14.591	0	%100
21	M13	X	1.429	1.429	0	%100
22	M13	Z	-2.476	-2.476	0	%100
23	M16	X	1.859	1.859	0	%100
24	M16	Z	-3.22	-3.22	0	%100
25	M17	X	0	0	0	%100
26	M17	Z	0	0	0	%100
27	M18	X	2.093	2.093	0	%100
28	M18	Z	-3.625	-3.625	0	%100
29	M19	X	0	0	0	%100
30	M19	Z	0	0	0	%100
31	M20	X	2.093	2.093	0	%100
32	M20	Z	-3.625	-3.625	0	%100
33	M21	X	5.718	5.718	0	%100
34	M21	Z	-9.903	-9.903	Ō	%100
35	M24	X	7.436	7.436	0	%100
36	M24	Z	-12.88	-12.88	0	%100
37	MP1A	X	4.765	4.765	0	%100
38	MP1A	Z	-8.254	-8.254	0	%100
39	MP2A	X	4.765	4.765	Ö	%100
40	MP2A	Z	-8.254	-8.254	0	%100
41	MP3A	X	4.765	4.765	0	%100
42	MP3A	Z	-8.254	-8.254	Ö	%100
43	MP4A	X	4.765	4.765	0	%100
44	MP4A	Z	-8.254	-8.254	Ö	%100
45	MP1C	X	4.765	4.765	0	%100
46	MP1C	Z	-8.254	-8.254	Ö	%100
47	MP2C	X	4.765	4.765	0	%100
48	MP2C	Z	-8.254	-8.254	Ŏ	%100
49	MP3CA	X	4.765	4.765	Ö	%100
50	MP3CA	Z	-8.254	-8.254	Ö	%100
51	MP4CA	X	4.765	4.765	0	%100
52	MP4CA	Z	-8.254	-8.254	Ö	%100 %100
53	MP1B	X	4,765	4.765	0	%100
54	MP1B	Z	-8.254	-8.254	0	%100
55	MP2B	X	4.765	4.765	0	%100
56	MP2B	Z	-8.254	-8.254	Ŏ	%100
57	MP3B	X	4.765	4.765	0	%100
58	MP3B	Z	-8.254	-8.254	Ö	%100
59	MP4B	X	4.765	4.765	0	%100
60	MP4B	Z	-8.254	-8.254	Ö	%100
61	MP3C	X	4.765	4.765	0	%100
62	MP3C	Z	-8.254	-8.254	0	%100
63	M61	X	4.326	4.326	0	%100 %100
64	M61	Z	-7.494	-7.494	0	%100 %100
65	M66	X	4.326	4.326	0	%100
66	M66	Ž	-7.494	-7.494	0	
	TAIOO	X	-7.434	-1.454	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,%]
68	M71	Z	0	0	0	%100
69	M82	X	5.482	5.482	0	%100
70	M82	Z	-9.495	-9.495	0	%100
71	M83	X	0	0	0	%100
72	M83	Z	0	0	0	%100
73	M84	X	5.482	5.482	0	%100
74	M84	Z	-9.495	-9.495	0	%100
75	M86	X	4.058	4.058	0	%100
76	M86	Z	-7.029	-7.029	0	%100
77	M88	X	4.058	4.058	0	%100
78	M88	Z	-7.029	-7.029	0	%100
79	M90	X	10.032	10.032	0	%100
80	M90	Z	-17.377	-17.377	0	%100
81	MP4C	X	4.765	4.765	0	%100
82	MP4C	Z	-8.254	-8.254	0	%100
83	M95	X	4.343	4.343	0	%100
84	M95	Z	-7.522	-7.522	0	%100
85	M97	X	4.343	4.343	0	%100
86	M97	Z	-7.522	-7.522	0	%100
87	M99	X	4.343	4.343	0	%100
88	M99	Z	-7.522	-7.522	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,.	End Magnitude[lb/ft,F.,	. Start Location[ft,%]	End Location[ft,%]
1	M1	X	4.344	4.344	0	%100
2	M1	Z	-2.508	-2.508	0	%100
3	M2	X	10.921	10.921	0	%100
4	M2	Z	-6.305	-6.305	0	%100
5	M3	X	4.344	4.344	0	%100
6	M3	Z	-2.508	-2.508	0	%100
7	M4	X	4.5e-5	4.5e-5	0	%100
8	M4	Z	-2.6e-5	-2.6e-5	0	%100
9	M5	X	7.427	7.427	0	%100
10	M5	Z	-4.288	-4.288	0	%100
11	M8	X	9.66	9.66	0	%100
12	M8	Z	-5.577	-5.577	0	%100
13	M9	X	17.377	17.377	0	%100
14	M9	Z	-10.032	-10.032	0	%100
15	M10	X	10.965	10.965	0	%100
16	M10	Z	-6.331	-6.331	0	%100
17	M11	X	17.377	17.377	0	%100
18	M11	Z	-10.032	-10.032	0	%100
19	M12	X	10.965	10.965	0	%100
20	M12	Z	-6.331	-6.331	0	%100
21	M13	X	0	0	0	%100
22	M13	Z	0	0	0	%100
23	M16	X	0	0	0	%100
24	M16	Z	0	0	0	%100
25	M17	X	4.344	4.344	0	%100
26	M17	Z	-2.508	-2.508	0	%100
27	M18	X	4.5e-5	4.5e-5	0	%100
28	M18	Z	-2.6e-5	-2.6e-5	0	%100
29	M19	X	4.344	4.344	0	%100
30	M19	Z	-2.508	-2.508	0	%100
31	M20	X	10.921	10.921	0	%100
32	M20	Z	-6.305	-6.305	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,%]
33	M21	X	7.427	7.427	0	%100
34	M21	Z	-4.288	-4.288	0	%100
35	M24	X	9.66	9.66	0	%100
36	M24	Z	-5.577	-5.577	0	%100
37	MP1A	X	8.254	8.254	0	%100
38	MP1A	Z	-4.765	-4.765	0	%100
39	MP2A	X	8.254	8.254	0	%100
40	MP2A	Z	-4.765	-4.765	0	%100
41	MP3A	X	8.254	8.254	0	%100
42	MP3A	Z	-4.765	-4.765	Ö	%100
43	MP4A	X	8.254	8.254	0	%100
44	MP4A	Z	-4.765	-4.765	Ö.	%100
45	MP1C	X	8.254	8.254	0	%100 %100
46	MP1C	Ž	-4.765	-4.765	0	%100 %100
47	MP2C	X	8.254	8.254		%100 %100
48	MP2C	Z	-4.765	-4.765	0	
49	MP3CA				0	%100
50		Z	8.254	8.254 -4.765	0	%100
51	MP3CA		-4.765		0	%100
	MP4CA	X	8.254	8.254	0	%100
52	MP4CA	Z	-4.765	-4.765	0	%100
53	MP1B	X	8.254	8.254	0	%100
54	MP1B	Z	-4.765	-4.765	0	%100
55	MP2B	X	8.254	8.254	0	%100
56	MP2B	Z	-4.765	-4.765	0	%100
57	MP3B	X	8.254	8.254	.0	%100
58	MP3B	Z	-4.765	-4.765	0	%100
59	MP4B	X	8.254	8.254	0	%100
60	MP4B	Z	-4.765	-4.765	0	%100
61	MP3C	X	8.254	8.254	0	%100
62	MP3C	Z	-4.765	-4.765	0	%100
63	M61	X	2.498	2.498	0	%100
64	M61	Z	-1.442	-1.442	0	%100
65	M66	X	9.992	9.992	0	%100
66	M66	Z	-5.769	-5.769	0	%100
67	M71	X	2.498	2.498	0	%100
68	M71	Z	-1.442	-1.442	0	%100
69	M82	X	12.66	12.66	0	%100
70	M82	Z	-7.309	-7.309	0	%100
71	M83	X	3.165	3.165	0	%100
72	M83	Z	-1.827	-1.827	0	%100
73	M84	X	3.165	3.165	0	%100
74	M84	Z	-1.827	-1.827	0	%100
75	M86	X	13.927	13.927	0	%100
76	M86	Z	-8.041	-8.041	0	%100
77	M88	X	3.58	3.58	0	%100
78	M88	Z	-2.067	-2.067	0	%100
79	M90	X	13.927	13.927		
80	M90	Z	-8.041	-8.041	0	%100 %100
81	MP4C		8.254	8.254		
82		X Z			0	%100
	MP4C		-4.765	-4.765	0	%100
83	M95	X	7.522	7.522	0	%100
84	M95	Z	-4.343	-4.343	0	%100
85	M97	X	7.522	7.522	0	%100
86	M97	Z	-4.343	-4.343	0	%100
87	M99	X	7.522	7.522	0	%100
88	M99	Z	-4.343	-4.343	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft	End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	4.186	4.186	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	4.186	4.186	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	11.435	11.435	0	%100
10	M5	7	0	0	0	%100
11	M8	X	14.872	14.872	0	%100
12	M8	Z	0	0	0	%100
13	M9	X	15.049	15.049	0	%100
14	M9	Z	0	0	0	%100
15	M10	X	16.848	16.848	0	%100
16	M10	Z	0	0	0	%100
17	M11	X	15.049	15.049	0	%100
18	M11	Z	0	0	0	%100
19	M12	X	4.238	4.238	0	%100
20	M12	Z	0	0	0	%100
21	M13	X	2.859	2.859	Ō	%100
22	M13	Z	0	0	0	%100
23	M16	X	3.718	3.718	0	%100
24	M16	Z	0	0	Ö	%100
25	M17	X	15.049	15.049	Ö	%100
26	M17	Z	0	0	0	%100
27	M18	X	4.238	4.238	0	%100
28	M18	Z	0	0	0	%100
29	M19	X	15.049	15.049	0	%100
30	M19	Z	0	0	Ö	%100
31	M20	X	16.848	16.848	0	%100
32	M20	Z	0	0	0	%100
33	M21	X	2.859	2.859	0	%100
34	M21	Ž	0	0	Ö	%100
35	M24	X	3.718	3.718	0	%100
36	M24	Ž	0.710	0	0	%100
37	MP1A	X	9.531	9.531	0	%100
38	MP1A	Z	0	0	Ŏ	%100
39	MP2A	X	9.531	9.531	0	%100
40	MP2A	Ž	9.551	0	Ö	%100
41	MP3A	X	9.531	9.531	0	%100
42	MP3A	Ž	0	0	0	%100
42	MP4A		9.531	9.531	Ö	%100
43	MP4A	Z	9.551	0	0	%100
45	MP1C	X	9.531	9.531	0	%100
	MP1C	Ž	9.551	0	ŏ	%100
46	MP1C MP2C	X	9.531	9.531	0	%100
47	MP2C	Z	9.531	9.551	0	%100 %100
48	MP3CA	X	9.531	9.531	0	%100 %100
49		Z	9.551	9.531	0	%100 %100
50	MP3CA	X	9.531	9.531	0	%100 %100
51	MP4CA	Z	9.531	9.551	0	%100
52	MP4CA		9.531	9.531	0	%100
53	MP1B	X Z	9.531	9.531	0	%100
54	MP1B MP2B		9.531	9.531	0	%100 %100
55	MP2B	X		9.531	0	%100
56	MP2B	Z	9.531	9.531	0	%100 %100
57	MP3B		3.331	ا در.ق	T 10 11-2-1	78100 Dogg 05

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	MP3B	Z	0	0	0	%100
59	MP4B	X	9.531	9.531	0	%100
60	MP4B	Z	0	0	0	%100
61	MP3C	X	9.531	9.531	0	%100
62	MP3C	Z	0	0	0	%100
63	M61	X	0	0	0	%100
64	M61	Z	0	0	0	%100
65	M66	X	8.653	8.653	0	%100
66	M66	Z	0	0	0	%100
67	M71	X	8.653	8.653	0	%100
68	M71	Z	0	0	0	%100
69	M82	X	10.964	10.964	0	%100
70	M82	Z	0	0	0	%100
71	M83	X	10.964	10.964	0	%100
72	M83	Z	0	0	0	%100
73	M84	X	0	0	0	%100
74	M84	Z	0	0	0	%100
75	M86	X	20.065	20.065	0	%100
76	M86	Z	0	0	0	%100
77	M88	X	8.116	8.116	0	%100
78	M88	Z	0	0	0	%100
79	M90	X	8.116	8.116	0	%100
80	M90	Z	0	0	0	%100
81	MP4C	X	9.531	9.531	0	%100
82	MP4C	Z	0	0	0	%100
83	M95	X	8.685	8.685	0	%100
84	M95	Z	0	0	0	%100
85	M97	X	8.685	8.685	0	%100
86	M97	Z	0	0	0	%100
87	M99	X	8.685	8.685	0	%100
88	M99	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
1	M1	X	4.344	4.344	0	%100
2	M1	Z	2.508	2.508	0	%100
3	M2	X	4.5e-5	4.5e-5	0	%100
4	M2	Z	2.6e-5	2.6e-5	0	%100
5	M3	X	4.344	4.344	0	%100
6	M3	Z	2.508	2.508	0	%100
7	M4	X	10.921	10.921	0	%100
8	M4	Z	6.305	6.305	0	%100
9	M5	X	7.427	7.427	0	%100
10	M5	Z	4.288	4.288	0	%100
11	M8	X	9.66	9.66	0	%100
12	M8	Z	5.577	5.577	0	%100
13	M9	X	4.344	4.344	0	%100
14	M9	Z	2.508	2.508	- 0	%100
15	M10	X	10.921	10.921	0	%100
16	M10	Z	6.305	6.305	0	%100
17	M11	X	4.344	4.344	0	%100
18	M11	Z	2.508	2.508	0	%100
19	M12	X	4.5e-5	4.5e-5	0	%100
20	M12	Z	2.6e-5	2.6e-5	0	%100
21	M13	X	7.427	7.427	0	%100
22	M13	Z	4.288	4.288	0	%100



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

	Member Label	Direction		End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
23	M16	X	9.66	9.66	0	%100
24	M16	Z	5.577	5.577	0	%100
25	M17	X	17.377	17.377	0	%100
26	M17	Z	10.032	10.032	0	%100
27	M18	X	10.965	10.965	0	%100
28	M18	Z	6.331	6.331	0	%100
29	M19	X	17.377	17.377	0	%100
30	M19	Z	10.032	10.032	0	%100
31	M20	X	10.965	10.965	0	%100
32	M20	Z	6.331	6.331	0	%100
33	M21	X	0	0	0	%100
34	M21	Z	0	0	0	%100
35	M24	X	0	0	0	%100
36	M24	Z	0	0	0	%100
37	MP1A	X	8.254	8.254	0	%100
38	MP1A	Z	4.765	4.765	0	%100
39	MP2A	X	8.254	8.254	0	%100
40	MP2A	Z	4.765	4.765	0	%100
41	MP3A	X	8.254	8.254	0	%100
42	MP3A	Z	4.765	4.765	0	%100
43	MP4A	X	8.254	8.254	0	%100
44	MP4A	Z	4.765	4.765	0	%100
45	MP1C	X	8.254	8.254	0	%100
46	MP1C	Ž	4.765	4.765	0	%100
47	MP2C	X	8.254	8.254	0	%100
48	MP2C	Z	4.765	4.765	0	%100
49	MP3CA	X	8.254	8.254	0	%100
50	MP3CA	Z	4.765	4.765	0	%100
51	MP4CA	X	8.254	8.254	0	%100
52	MP4CA	Z	4.765	4.765	0	%100
53	MP1B	X	8.254	8.254	0	%100
54	MP1B	Z	4.765	4.765	0	%100
55	MP2B	X	8.254	8.254	0	%100
56	MP2B	Z	4.765	4.765	0	%100
57	MP3B	X	8.254	8.254	0	%100
58	MP3B	Z	4.765	4.765	Ō	%100
59	MP4B	X	8.254	8.254	0	%100
60	MP4B	Z	4.765	4.765	Ö	%100
61	MP3C	X	8.254	8.254	0	%100
62	MP3C	Z	4.765	4.765	0	%100
63	M61	X	2.498	2.498	0	%100
64	M61	Z	1.442	1.442	Ö	%100
65	M66	X	2.498	2.498	0	%100
66	M66	Z	1.442	1.442	Ö	%100
67	M71	X	9.992	9.992	0	%100
68	M71	Z	5.769	5.769	Ö	%100
69	M82	X	3.165	3.165	0	%100
70	M82	Ž	1.827	1.827	Ö	%100
		X	12.66	12.66	0	%100
71	M83	Z	7.309	7.309	0	%100
72	M83	X	3.165	3.165	0	%100
73	M84	Ž	1.827	1.827	0	%100
74	M84	X	13.927	13.927	0	%100
75	M86		8.041	8.041	0	%100
76	M86	Z	13.927	13.927	0	%100
77 78	M88	X Z	8.041	8.041	0	%100
/X	M88	L	0.041	3.58	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,%]
80	M90	Z	2.067	2.067	0	%100
81	MP4C	X	8.254	8.254	0	%100
82	MP4C	Z	4.765	4.765	0	%100
83	M95	X	7.522	7.522	0	%100
84	M95	Z	4.343	4.343	0	%100
85	M97	X	7.522	7.522	0	%100
86	M97	Z	4.343	4.343	0	%100
87	M99	X	7.522	7.522	0	%100
88	M99	Z	4.343	4.343	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft	End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
1	M1	X	7.524	7.524	0	%100
2	M1	Z	13.033	13.033	0	%100
3	M2	X	2.119	2.119	0	%100
4	M2	Z	3.67	3.67	0	%100
5	M3	X	7.524	7.524	0	%100
6	M3	Z	13.033	13.033	0	%100
7	M4	X	8.424	8.424	0	%100
8	M4	Z	14.591	14.591	0	%100
9	M5	X	1.429	1.429	0	%100
10	M5	Z	2.476	2.476	0	%100
11	M8	X	1.859	1.859	0	%100
12	M8	Z	3.22	3.22	0	%100
13	M9	X	0	0	0	%100
14	M9	Z	0	0	0	%100
15	M10	X	2.093	2.093	0	%100
16	M10	Z	3.625	3.625	0	%100
17	M11	X	0	0	0	%100
18	M11	Z	0	Ŏ	0	%100
19	M12	X	2.093	2.093	0	%100
20	M12	Z	3.625	3.625	0	%100
21	M13	X	5.718	5.718	0	%100
22	M13	Z	9.903	9.903	0	%100
23	M16	X	7.436	7.436	0	%100
24	M16	Z	12.88	12.88	Ö	%100
25	M17	X	7.524	7.524	0	%100
26	M17	Z	13.033	13.033	Ö	%100
27	M18	X	8.424	8.424	0	%100
28	M18	Z	14.591	14.591	Ö	%100
29	M19	X	7.524	7.524	0	%100
30	M19	Z	13.033	13.033	ŏ	%100
31	M20	X	2.119	2.119	Ō	%100
32	M20	Z	3.67	3.67	Ö	%100
33	M21	X	1.429	1.429	Ŏ	%100
34	M21	Z	2.476	2.476	Ŏ	%100
35	M24	X	1.859	1.859	Ö	%100 %100
36	M24	Z	3.22	3.22	ŏ	%100
37	MP1A	X	4.765	4.765	0	%100
38	MP1A	Z	8.254	8.254	0	%100 %100
39	MP2A	X	4.765	4.765	Ö	%100 %100
40	MP2A	Z	8.254	8.254	ŏ	%100
41	MP3A	X	4.765	4.765	0	%100 %100
42	MP3A	Z	8.254	8.254	Ö	%100 %100
43	MP4A	X	4.765	4.765	0	%100 %100
44	MP4A	Z	8.254	8.254	0	%100 %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,%]
45	MP1C	X	4.765	4.765	0	%100
46	MP1C	Z	8.254	8.254	0	%100
47	MP2C	X	4.765	4.765	0	%100
48	MP2C	Z	8.254	8.254	0	%100
49	MP3CA	X	4.765	4.765	0	%100
50	MP3CA	Z	8.254	8.254	0	%100
51	MP4CA	X	4.765	4.765	0	%100
52	MP4CA	Z	8.254	8.254	0	%100
53	MP1B	X	4.765	4.765	0	%100
54	MP1B	Z	8.254	8.254	0	%100
55	MP2B	X	4.765	4.765	0	%100
56	MP2B	Z	8.254	8.254	0	%100
57	MP3B	X	4.765	4.765	0	%100
58	MP3B	Z	8.254	8.254	0	%100
59	MP4B	X	4.765	4.765	0	%100
60	MP4B	Z	8.254	8.254	0	%100
61	MP3C	X	4.765	4.765	0	%100
62	MP3C	Z	8.254	8.254	0	%100
63	M61	X	4.326	4.326	0	%100
64	M61	Z	7.494	7.494	0	%100
65	M66	X	0	0	0	%100
66	M66	Z	0	0	0	%100
67	M71	X	4.326	4.326	0	%100
68	M71	Z	7.494	7.494	0	%100
69	M82	X	0	0	0	%100
70	M82	Z	0	0	0	%100
71	M83	X	5.482	5.482	0	%100
72	M83	Z	9.495	9.495	0	%100
73	M84	X	5.482	5.482	0	%100
74	M84	7	9.495	9.495	0	%100
75	M86	X	4.058	4.058	0	%100
76	M86	Z	7.029	7.029	0	%100
77	M88	X	10.032	10.032	0	%100
78	M88	Z	17.377	17.377	0	%100
79	M90	X	4.058	4.058	0	%100
80	M90	7	7.029	7.029	0	%100
81	MP4C	X	4.765	4.765	0	%100
82	MP4C	Z	8.254	8.254	Ö	%100
83	M95	X	4.343	4.343	0	%100
84	M95	Z	7.522	7.522	Ŏ	%100
85	M97	X	4.343	4.343	0	%100
86	M97	Ž	7.522	7.522	Ŏ	%100
87	M99	X	4.343	4.343	0	%100
88	M99	7	7.522	7.522	Ů,	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	7	20.065	20.065	0	%100
3	M2	X	0	0	0	%100
4	M2	7	12.662	12,662	0	%100
5	M3	X	0	0	0	%100
6	M3	7	20.065	20.065	0	%100
7	M4	X	0	0	0	%100
8	M4	7	12.662	12.662	0	%100
9	M5	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,%]
10	M5	Z	0	0	0	%100
11	M8	X	0	0	0	%100
12	M8	Z	0	0	0	%100
13	M9	X	0	0	0	%100
14	M9	Z	5.016	5.016	0	%100
15	M10	X	0	0	0	%100
16	M10	Z	5.2e-5	5.2e-5	0	%100
17	M11	X	0	0	0	%100
18	M11	Z	5.016	5.016	0	%100
19	M12	X	0	0	0	%100
20	M12	Z	12.61	12.61	0	%100
21	M13	X	0	0	0	%100
22	M13	Z	8.576	8.576	0	%100
23	M16	X	0	0	0	%100
24	M16	Z	11.154	11.154	0	%100
25	M17	X	0	0	0	%100
26	M17	Z	5.016	5.016	0	%100
27	M18	X	0	0	0	%100
28	M18	Z	12.61	12.61	0	%100
29	M19	X	0	0	0	%100
30	M19	Z	5.016	5.016	Ö	%100
31	M20	X	0	0	0	%100
32	M20	Z	5.2e-5	5.2e-5	0	%100
33	M21	X	0	0	0	%100
34	M21	Z	8.576	8.576	0	%100
35	M24	X	0	0.010	0	%100
36	M24	Z	11.154	11.154	0	%100
37	MP1A	X	0	0	0	%100
38	MP1A	Z	9.531	9.531	0	%100
39	MP2A	X	0	0	0	%100
40	MP2A	Z	9.531	9.531	0	%100
41	MP3A	X	0	0	0	%100
42	MP3A	Z	9.531	9.531	0	%100
43	MP4A	X	0	0	0	%100 %100
44	MP4A	Z	9.531	9.531	0	%100
45	MP1C	X	0	0	0	%100
46	MP1C	Z	9.531	9.531	Ö	%100 %100
47	MP2C	X	0	0	0	%100 %100
48	MP2C	Z	9.531	9.531	0	%100
49	MP3CA	X	0	0	0	%100 %100
50	MP3CA	Z	9.531	9.531	0	%100
51	MP4CA	X	9.551	0	0	%100 %100
52	MP4CA	7	9.531	9.531	0	%100 %100
53	MP1B	X	0	0		
54	MP1B	Z	9.531	9.531	0	%100 %100
55	MP2B	X	9.551	9.531	0	%100 %100
56	MP2B	Z	9.531	9.531	0	%100 %100
57	MP3B	X	9.551	9.531		%100 %100
58	MP3B	Z	9.531	9.531	0	%100 %100
59	MP4B	X				%100 %100
60	MP4B	Z	9.531	9.531	0	%100 %100
61	MP3C	X	9.531			%100 %100
62	MP3C	Ž	9.531	0 531	0	%100
63	M61	X		9.531	0	%100
64	M61	Z	11 527	0	0	%100
65			11.537	11.537	0	%100
66	M66 M66	X 7	0	0	0	%100
00	IVIOO		2.884	2.884	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,%]
67	M71	X	0	0	0	%100
68	M71	Z	2.884	2.884	0	%100
69	M82	X	0	0	0	%100
70	M82	Z	3.655	3.655	0	%100
71	M83	X	0	0	0	%100
72	M83	Z	3.655	3.655	0	%100
73	M84	X	0	0	0	%100
74	M84	7	14.618	14.618	0	%100
75	M86	X	0	0	0	%100
76	M86	Z	4.133	4.133	0	%100
77	M88	X	0	0	0	%100
78	M88	7	16.082	16.082	0	%100
79	M90	X	0	0	0	%100
80	M90	7	16.082	16.082	0	%100
81	MP4C	X	0	0	0	%100
82	MP4C	7	9.531	9.531	0	%100
83	M95	X	0	0	0	%100
84	M95	7	8.685	8.685	0	%100
85	M97	X	0	0	0	%100
86	M97	7	8.685	8.685	0	%100
87	M99	X	0	0	0	%100
88	M99	Z	8.685	8.685	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,	.End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-7.524	-7.524	0	%100
2	M1	Z	13.033	13.033	0	%100
3	M2	X	-8.424	-8.424	0	%100
4	M2	Z	14.591	14.591	0	%100
5	M3	X	-7.524	-7.524	0	%100
6	M3	Z	13.033	13.033	0	%100
7	M4	X	-2.119	-2.119	0	%100
8	M4	Z	3.67	3.67	0	%100
9	M5	X	-1.429	-1.429	0	%100
10	M5	Z	2.476	2.476	0	%100
11	M8	X	-1.859	-1.859	0	%100
12	M8	Z	3.22	3.22	0	%100
13	M9	X	-7.524	-7.524	0	%100
14	M9	Z	13.033	13.033	0	%100
15	M10	X	-2.119	-2.119	0	%100
16	M10	Z	3.67	3.67	0	%100
17	M11	X	-7.524	-7.524	0	%100
18	M11	Z	13.033	13.033	0	%100
19	M12	X	-8.424	-8.424	0	%100
20	M12	Z	14.591	14.591	0	%100
21	M13	X	-1.429	-1.429	0	%100
22	M13	Z	2.476	2.476	0	%100
23	M16	X	-1.859	-1.859	0	%100
24	M16	Z	3.22	3.22	0	%100
25	M17	X	0	0	0	%100
26	M17	Z	0	0	0	%100
27	M18	X	-2.093	-2.093	0	%100
28	M18	Z	3.625	3.625	0	%100
29	M19	X	0	0	0	%100
30	M19	Z	0	0	0	%100
31	M20	X	-2.093	-2.093	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,%]
32	M20	Z	3.625	3.625	0	%100
33	M21	X	-5.718	-5.718	0	%100
34	M21	Z	9.903	9.903	0	%100
35	M24	X	-7.436	-7.436	0	%100
36	M24	Z	12.88	12.88	0	%100
37	MP1A	X	-4.765	-4.765	0	%100
38	MP1A	Z	8.254	8.254	0	%100
39	MP2A	X	-4.765	-4.765	0	%100
40	MP2A	Z	8.254	8.254	0	%100
41	MP3A	X	-4.765	-4.765	0	%100
42	MP3A	Z	8.254	8.254	0	%100
43	MP4A	X	-4.765	-4.765	0	%100
44	MP4A	Z	8.254	8.254	0	%100
45	MP1C	X	-4.765	-4.765	0	%100
46	MP1C	Z	8.254	8.254	0	%100
47	MP2C	X	-4.765	-4.765	0	%100
48	MP2C	Z	8.254	8.254	0	%100
49	MP3CA	X	-4.765	-4.765	0	%100
50	MP3CA	Z	8.254	8.254	0	%100
51	MP4CA	X	-4.765	-4.765	0	%100
52	MP4CA	Z	8.254	8.254	0	%100
53	MP1B	X	-4.765	-4.765	0	%100
54	MP1B	Z	8.254	8.254	0	%100
55	MP2B	X	-4.765	-4.765	0	%100
56	MP2B	Z	8.254	8.254	0	%100
57	MP3B	X	-4.765	-4.765	0	%100
58	MP3B	Z	8.254	8.254	0	%100
59	MP4B	X	-4.765	-4.765	0	%100
60	MP4B	Z	8.254	8.254	0	%100
61	MP3C	X	-4.765	-4.765	0	%100
62	MP3C	Z	8.254	8.254	0	%100
63	M61	X	-4.326	-4.326	0	%100
64	M61	Z	7.494	7.494	0	%100
65	M66	X	-4.326	-4.326	0	%100
66	M66	Z	7.494	7.494	0	%100
67	M71	X	0	0	0	%100
68	M71	Z	0	0	0	%100
69	M82	X	-5.482	-5.482	0	%100
70	M82	Z	9.495	9.495	0	%100
71	M83	X	0	0	0	%100
72	M83	Z	0	0	0	%100
73	M84	X	-5.482	-5.482	0	%100
74	M84	Z	9.495	9.495	0	%100
75	M86	X	-4.058	-4.058	0	%100
76	M86	Z	7.029	7.029	0	%100
77	M88	X	-4.058	-4.058	0	%100
78	M88	Z	7.029	7.029	0	%100
79	M90	X	-10.032	-10.032	0	%100
80	M90	Z	17.377	17.377	0	%100
81	MP4C	X	-4.765	-4.765	0	%100
82	MP4C	Z	8.254	8.254	0	%100
83	M95	X	-4.343	-4.343	0	%100
84	M95	Z	7.522	7.522	0	%100
85	M97	X	-4.343	-4.343	0	%100
86	M97	Z	7.522	7.522	0	%100
87	M99	X	-4.343	-4.343	Ö	%100
88	M99	Z	7.522	7.522		%100

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

	Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
1	M1	X	-4.344	-4.344	.0	%100
2	M1	Z	2.508	2.508	0	%100
3	M2	X	-10.921	-10.921	0	%100
4	M2	Z	6.305	6.305	0	%100
5	M3	X	-4.344	-4.344	0	%100
6	M3	Z	2.508	2.508	0	%100
7	M4	X	-4.5e-5	-4.5e-5	0	%100
8	M4	Z	2.6e-5	2.6e-5	0	%100
9	M5	X	-7.427	-7.427	0	%100
10	M5	Z	4.288	4.288	0	%100
11	M8	X	-9.66	-9.66	0	%100
12	M8	Z	5.577	5.577	0	%100
13	M9	X	-17.377	-17.377	0	%100
14	M9	Z	10.032	10.032	0	%100
15	M10	X	-10.965	-10.965	0	%100
16	M10	Z	6.331	6.331	0	%100
17	M11	X	-17.377	-17.377	0	%100
18	M11	Z	10.032	10.032	0	%100
19	M12	X	-10.965	-10.965	0	%100
20	M12	Z	6.331	6.331	0	%100
21	M13	X	0	0	0	%100
22	M13	Z	0	0	0	%100
23	M16	X	0	0	0	%100
24	M16	Z	0	0	0	%100
25	M17	X	-4.344	-4.344	0	%100
26	M17	Z	2.508	2.508	0	%100
27	M18	X	-4.5e-5	-4.5e-5	0	%100
28	M18	Z	2.6e-5	2.6e-5	0	%100
29	M19	X	-4.344	-4.344	0	%100
30	M19	Z	2.508	2.508	0	%100
31	M20	X	-10.921	-10.921	0	%100
32	M20	Z	6.305	6.305	0	%100
33	M21	X	-7.427	-7.427	0	%100
34	M21	Z	4.288	4.288	0	%100
35	M24	X	-9.66	-9.66	0	%100
36	M24	Ž	5.577	5.577	0	%100
37	MP1A	X	-8.254	-8.254	0	%100
38	MP1A	Z	4.765	4.765	Ö	%100
39	MP2A	X	-8.254	-8.254	Ō	%100
40	MP2A	Z	4.765	4.765	Ö-	%100
41	MP3A	X	-8.254	-8.254	0	%100
42	MP3A	7	4.765	4.765	Ö	%100
43	MP4A	X	-8.254	-8.254	Ö	%100
43	MP4A	Ž	4.765	4.765	0	%100
45	MP1C	X	-8.254	-8.254	0	%100
	MP1C	Z	4.765	4.765	Ö	%100
46	MP2C	X	-8.254	-8.254	0	%100
	MP2C	Z	4.765	4.765	0	%100 %100
48		X	-8.254	-8.254	0	%100
49	MP3CA	Ž	4.765	4.765	0	%100
50	MP3CA	X	-8.254	-8.254	0	%100
51	MP4CA	Z	4.765	4.765	0	%100 %100
52	MP4CA	X	-8.254	-8.254	0	%100
53	MP1B		4.765	4.765	0	%100
54	MP1B	Z	-8.254	-8.254	0	%100
55	MP2B	Z	4.765	4.765	0	%100
56 57	MP2B MP3B	X	-8.254	-8.254	0	%100 %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,%]
58	MP3B	Z	4.765	4.765	0	%100
59	MP4B	X	-8.254	-8.254	0	%100
60	MP4B	Z	4.765	4.765	0	%100
61	MP3C	X	-8.254	-8.254	0	%100
62	MP3C	Z	4.765	4.765	0	%100
63	M61	X	-2.498	-2.498	0	%100
64	M61	Z	1.442	1.442	0	%100
65	M66	X	-9.992	-9.992	0	%100
66	M66	Z	5.769	5.769	0	%100
67	M71	X	-2.498	-2.498	0	%100
68	M71	Z	1.442	1.442	0	%100
69	M82	X	-12.66	-12.66	0	%100
70	M82	Z	7.309	7.309	0	%100
71	M83	X	-3.165	-3.165	0	%100
72	M83	Z	1.827	1.827	0	%100
73	M84	X	-3.165	-3.165	0	%100
74	M84	Z	1.827	1.827	0	%100
75	M86	X	-13.927	-13.927	0	%100
76	M86	Z	8.041	8.041	0	%100
77	M88	X	-3.58	-3.58	0	%100
78	M88	Z	2.067	2.067	0	%100
79	M90	X	-13.927	-13.927	0	%100
80	M90	Z	8.041	8.041	0	%100
81	MP4C	X	-8.254	-8.254	0	%100
82	MP4C	Z	4.765	4.765	0	%100
83	M95	X	-7.522	-7.522	0	%100
84	M95	Z	4.343	4.343	Ö	%100
85	M97	X	-7.522	-7.522	Ö	%100
86	M97	Z	4.343	4.343	Ŏ	%100
87	M99	X	-7.522	-7.522	0	%100
88	M99	Z	4.343	4.343	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	-4.186	-4.186	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	-4.186	-4.186	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	-11.435	-11.435	0	%100
10	M5	Z	0	0	0	%100
11	M8	X	-14.872	-14.872	0	%100
12	M8	Z	0	0	0	%100
13	M9	X	-15.049	-15.049	0	%100
14	M9	Z	0	0	0	%100
15	M10	X	-16.848	-16.848	0	%100
16	M10	Z	0	0	Ö	%100
17	M11	X	-15,049	-15.049	0	%100
18	M11	Z	0	0	0	%100
19	M12	X	-4.238	-4.238	0	%100
20	M12	Z	0	0	Ö	%100
21	M13	X	-2.859	-2.859	Ö	%100
22	M13	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,%]
23	M16	X	-3.718	-3.718	0	%100
24	M16	Z	0	0	0	%100
25	M17	X	-15.049	-15.049	0	%100
26	M17	Z	0	0	0	%100
27	M18	X	-4.238	-4.238	0	%100
28	M18	Z	0	0	0	%100
29	M19	X	-15.049	-15.049	0	%100
30	M19	Z	0	0	0	%100
31	M20	X	-16.848	-16.848	0	%100
32	M20	Z	0	0	0	%100
33	M21	X	-2.859	-2.859	0	%100
34	M21	Z	0	0	0	%100
35	M24	X	-3.718	-3.718	0	%100
36	M24	Z	0	0	0	%100
37	MP1A	X	-9.531	-9.531	0	%100
38	MP1A	Z	0	0	0	%100
39	MP2A	X	-9.531	-9.531	0	%100
40	MP2A	Z	0	0	0	%100
41	MP3A	X	-9.531	-9.531	0	%100
42	MP3A	Z	0	0	0	%100
43	MP4A	X	-9.531	-9.531	0	%100
44	MP4A	Z	0	0	0	%100
45	MP1C	X	-9.531	-9.531	0	%100
46	MP1C	Z	0	0	0	%100
47	MP2C	X	-9.531	-9.531	0	%100
48	MP2C	Z	0.001	0	0	%100
49	MP3CA	X	-9.531	-9.531	0	%100
50	MP3CA	Z	0	0	0	%100
51	MP4CA	X	-9.531	-9.531	0	%100
52	MP4CA	Z	0	0.001	Ō	%100
53	MP1B	X	-9.531	-9.531	0	%100
54	MP1B	Z	0	0.00	Ō	%100
55	MP2B	X	-9.531	-9.531	Ö	%100
56	MP2B	Z	0	0	Ö	%100
57	MP3B	X	-9.531	-9.531	0	%100
58	MP3B	Z	-9.931	0.001	0	%100
59	MP4B	X	-9.531	- 9.531	0	%100
60	MP4B	Z	0	0.001	0	%100
61	MP3C	X	-9.531	-9.531	0	%100
62	MP3C	Z	-5.551	0	0	%100
63	M61	X	0	0	0	%100
64	M61	Z	0	0	0	%100
	M66	X	-8.653	-8.653	0	%100
65 66	M66	Z	-0.055	0.000	Ŏ	%100
		X	-8.653	-8.653	0	%100
67	M71 M71	Ž	-0.000	0	Ö	%100
68		X	-10.964	-10.964	0	%100
69	M82	Z	-10.964	-10.904	0	%100
70	M82	X	-10.964	-10.964	0	%100
71	M83	Z	-10.964	-10.964	0	%100
72	M83		0	0	0	%100
73	M84	X	0	0	0	%100
74	M84	X	-20.065	-20.065	0	%100 %100
75	M86		-20.065	-20.065	0	%100
76	M86	Z	-8.116	-8.116	0	%100
77	M88	X	-8.116	-0.110	0	%100
78 79	M88 M90	X	-8.116	-8.116	0	%100 %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,%]
80	M90	Z	0	0	0	%100
81	MP4C	X	-9.531	-9.531	0	%100
82	MP4C	Z	0	0	0	%100
83	M95	X	-8.685	-8.685	0	%100
84	M95	Z	Q	0	0	%100
85	M97	X	-8.685	-8.685	.0	%100
86	M97	Z	0	0	0	%100
87	M99	X	-8.685	-8.685	0	%100
88	M99	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.		End Location[ft,%]
1	M1	X	-4.344	-4.344	0	%100
2	M1	Z	-2.508	-2.508	0	%100
3	M2	X	-4.5e-5	-4.5e-5	0	%100
4	M2	Z	-2.6e-5	-2.6e-5	0	%100
5	M3	X	-4.344	-4.344	0	%100
6	M3	Z	-2.508	-2.508	0	%100
7	M4	X	-10.921	-10.921	0	%100
8	M4	Z	-6.305	-6.305	0	%100
9	M5	X	-7.427	-7.427	0	%100
10	M5	Z	-4.288	-4.288	0	%100
11	M8	X	-9.66	-9.66	0	%100
12	M8	Z	-5.577	-5.577	0	%100
13	M9	X	-4.344	-4.344	0	%100
14	M9	Z	-2.508	-2.508	0	%100
15	M10	X	-10.921	-10.921	0	%100
16	M10	Z	-6.305	-6.305	0	%100
17	M11	X	-4.344	-4.344	0	%100
18	M11	Z	-2.508	-2.508	0	%100
19	M12	X	-4.5e-5	-4.5e-5	0	%100
20	M12	Z	-2.6e-5	-2.6e-5	0	%100
21	M13	X	-7.427	-7.427	0	%100
22	M13	Z	-4.288	-4.288	0	%100
23	M16	X	-9.66	-9.66	0	%100
24	M16	Z	-5.577	-5.577	0	%100
25	M17	X	-17.377	-17.377	0	%100
26	M17	Z	-10.032	-10.032	0	%100
27	M18	X	-10.965	-10.965	0	%100
28	M18	Z	-6.331	-6.331	Ö	%100
29	M19	X	-17.377	-17.377	Ö	%100
30	M19	Z	-10.032	-10.032	0	%100
31	M20	X	-10.965	-10.965	0	%100
32	M20	Z	-6.331	-6.331	Ö	%100
33	M21	X	0	0	Ŏ	%100
34	M21	Z	0	Ŏ	Ö	%100
35	M24	X	0	Ö	0	%100
36	M24	Z	0	Ŏ	Ŏ	%100
37	MP1A	X	-8.254	-8.254	0	%100
38	MP1A	Z	-4.765	-4.765	0	%100
39	MP2A	X	-8.254	-8.254	0	%100 %100
40	MP2A	Z	-4.765	-4.765	Ŏ	%100
41	MP3A	X	-8.254	-8.254	0	%100 %100
42	MP3A	Ž	-4.765	-4.765	0	%100 %100
43	MP4A	X	-8.254	-8.254	0	%100 %100
44	MP4A	Z	-4.765	-4.765	o o	%100 %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,%]
45	MP1C	X	-8.254	-8.254	0	%100
46	MP1C	Z	-4.765	-4.765	0	%100
47	MP2C	X	-8.254	-8.254	0	%100
48	MP2C	Z	-4.765	-4.765	0	%100
49	MP3CA	X	-8.254	-8.254	0	%100
50	MP3CA	Z	-4.765	-4.765	0	%100
51	MP4CA	X	-8.254	-8.254	0	%100
52	MP4CA	7	-4.765	-4.765	0	%100
53	MP1B	X	-8.254	-8.254	0	%100
54	MP1B	Z	-4.765	-4.765	0	%100
55	MP2B	X	-8.254	-8.254	0	%100
56	MP2B	Z	-4.765	-4.765	0	%100
57	MP3B	X	-8.254	-8.254	0	%100
58	MP3B	Z	-4.765	-4.765	0	%100
59	MP4B	X	-8.254	-8.254	0	%100
60	MP4B	Ž	-4.765	-4.765	Ö	%100
61	MP3C	X	-8.254	-8.254	0	%100
62	MP3C	Z	-4.765	-4.765	0	%100
63	M61	X	-2.498	-2.498	0	%100
64	M61	Z	-1.442	-1.442	0	%100
65	M66	X	-2.498	-2.498	0	%100
66	M66	Z	-1.442	-1.442	0	%100
67	M71	X	-9.992	-9.992	0	%100
68	M71	Z	-5.769	-5.769	0	%100
69	M82	X	-3.165	-3.165	0	%100
70	M82	Z	-1.827	-1.827	0	%100
71	M83	X	-12.66	-12.66	0	%100
72	M83	Z	-7.309	-7.309	0	%100
73	M84	X	-3.165	-3.165	0	%100
74	M84	Z	-1.827	-1.827	Ö	%100
75	M86	X	-13.927	-13.927	0	%100
76	M86	Z	-8.041	-8.041	0	%100
77	M88	X	-13.927	-13.927	0	%100
78	M88	Z	-8.041	-8.041	0	%100
	M90	X	-3.58	-3.58	0	%100
79	M90	Ž	-2.067	-2.067	0	%100
80	MP4C	X	-8.254	-8.254	0	%100
81 82	MP4C MP4C	Ž	-4.765	-4.765	0	%100
		X	-7.522	-7.522	0	%100
83	M95	Z	-4.343	-4.343	0	%100 %100
84	M95		-4.343 -7.522	-7.522	0	%100 %100
85	M97	Z	-7.522 -4.343	-4.343	0	%100 %100
86	M97	X	-4.343 -7.522	- 4.343 - 7.522	0	%100 %100
87	M99 M00	X 7	-7.522 -4.343	-1.52Z -4.343	0	%100
22	Mau		-4 .34.3	-4.343		70100

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

	Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
1	M1	X	-7.524	-7.524	0	%100
2	M1	Z	-13.033	-13.033	0	%100
3	M2	X	-2.119	-2.119	0	%100
4	M2	7	-3.67	-3.67	0	%100
5	M3	X	-7.524	-7.524	0	%100
6	M3	Z	-13.033	-13.033	0	%100
7	M4	X	-8.424	-8.424	0	%100
8	M4	7	-14.591	-14.591	0	%100
9	M5	X	-1.429	-1.429	0	%100

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

	Member Label	Direction		End Magnitude[lb/ft,F		End Location[ft,%]
10	M5	Z	-2.476	-2.476	0	%100
11	M8	X	-1.859	-1.859	0	%100
12	M8	Z	-3.22	-3.22	0	%100
13	M9	X	0	0	0	%100
14	M9	Z	0	0	0	%100
15	M10	X	-2.093	-2.093	0	%100
16	M10	Z	-3.625	-3.625	0	%100
17	M11	X	0	0	0	%100
18	M11	Z	0	0	0	%100
19	M12	X	-2.093	-2.093	0	%100
20	M12	Z	-3.625	-3.625	0	%100
21	M13	X	-5.718	-5.718	0	%100
22	M13	Z	-9.903	-9.903	0	%100
23	M16	X	-7.436	-7.436	0	%100
24	M16	Z	-12.88	-12.88	0	%100
25	M17	X	-7.524	-7.524	0	%100
26	M17	Z	-13.033	-13.033	0	%100
27	M18	X	-8.424	-8.424	0	%100
28	M18	Z	-14.591	-14.591	0	%100
29	M19	X	-7.524	-7.524	0	%100
30	M19	Z	-13.033	-13.033	0	%100
31	M20	X	-2.119	-2.119	0	%100
32	M20	Z	-3.67	-3.67	0	%100
33	M21	X	-1.429	-1.429	0	%100
34	M21	Z	-2.476	-2.476	0	%100
35	M24	X	-1.859	-1.859	0	%100
36	M24	Z	-3.22	-3.22	0	%100
37	MP1A	X	-4.765	-4.765	0	%100
38	MP1A	Z	-8.254	-8.254	0	%100
39	MP2A	X	-4.765	-4.765	0	%100
40	MP2A	Z	-8.254	-8.254	0	%100
41	MP3A	X	-4.765	-4.765	0	%100
42	MP3A	Z	-8.254	-8.254	0	%100
43	MP4A	X	-4.765	-4.765	0	%100
44	MP4A	Z	-8.254	-8.254	0	%100
45	MP1C	X	-4.765	-4.765	0	%100
46	MP1C	Z	-8.254	-8.254	0	%100
47	MP2C	X	-4.765	-4.765	0	%100
48	MP2C	Z	-8.254	-8.254	0	%100
49	MP3CA	X	-4.765	-4.765	0	%100
50	MP3CA	Z	-8.254	-8.254	0	%100
51	MP4CA	X	-4.765	-4.765	0	%100
52	MP4CA	Z	-8.254	-8.254	0	%100
53	MP1B	X	-4.765	-4.765	0	%100
54	MP1B	Z	-8.254	-8.254	0	%100
55	MP2B	X	-4.765	-4.765	0	%100
56	MP2B	Z	-8.254	-8.254	0	%100
57	MP3B	X	-4.765	-4.765	0	%100
58	MP3B	Z	-8.254	-8.254	0	%100
59	MP4B	X	-4.765	-4.765	0	%100
60	MP4B	Z	-8.254	-8.254	0	%100
61	MP3C	X	-4.765	-4.765	0	%100
62	MP3C	Z	-8.254	-8.254	Ö	%100
63	M61	X	-4.326	-4.326	0	%100
64	M61	Z	-7.494	-7.494	0	%100 %100
65	M66		0	0	0	%100
66	M66	X	Ö	Ö	0	%100
				-		70.100

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,%]
67	M71	X	-4.326	-4.326	0	%100
68	M71	Z	-7.494	-7.494	0	%100
69	M82	X	0	0	0	%100
70	M82	Z	0	0	0	%100
71	M83	X	-5.482	-5.482	0	%100
72	M83	Z	-9.495	-9.495	0	%100
73	M84	X	-5.482	-5.482	0	%100
74	M84	Z	-9.495	-9.495	0	%100
75	M86	X	-4.058	-4.058	0	%100
76	M86	Z	-7.029	-7.029	0	%100
77	M88	X	-10.032	-10.032	0	%100
78	M88	Z	-17.377	-17.377	0	%100
79	M90	X	-4.058	-4.058	0	%100
80	M90	Z	-7.029	-7.029	0	%100
81	MP4C	X	-4.765	-4.765	0	%100
82	MP4C	Z	-8.254	-8.254	0	%100
83	M95	X	-4.343	-4.343	0	%100
84	M95	Z	-7.522	-7.522	0	%100
85	M97	X	-4.343	-4.343	0	%100
86	M97	Z	-7.522	-7.522	0	%100
87	M99	X	-4.343	-4.343	0	%100
88	M99	Z	-7.522	-7.522	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft.	End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	-5.83	-5.83	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	-3.593	-3.593	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	-5.83	-5.83	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	-3.593	-3.593	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	0	0	0	%100
11	M8	X	0	0	0	%100
12	M8	Z	0	0	0	%100
13	M9	X	0	0	0	%100
14	M9	Z	-1.458	-1.458	0	%100
15	M10	X	0	0	0	%100
16	M10	Z	-1.5e-5	-1.5e-5	0	%100
17	M11	X	0	0	0	%100
18	M11	Z	-1.458	-1.458	0	%100
19	M12	X	0	0	0	%100
20	M12	Z	-3.578	-3.578	0	%100
21	M13	X	0	0	0	%100
22	M13	Z	-2.548	-2.548	0	%100
23	M16	X	0	0	0	%100
24	M16	Z	-3.104	-3.104	0	%100
25	M17	X	0	0	0	%100
26	M17	Z	-1,458	-1.458	0	%100
27	M18	X	0	0	0	%100
28	M18	Z	-3.578	-3.578	0	%100
29	M19	X	0.0.0	0	0	%100
30	M19	Z	-1.458	-1.458	0	%100
31	M20	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude(Ih/ft	End Magnitude[lb/ft,F	Start Location[ft %]	End Location[ft,%]
32	M20	Z	-1.5e-5	-1.5e-5	0	%100
33	M21	X	0	0	0	%100
34	M21	Z	-2.548	-2.548	0	%100
35	M24	X	0	0	0	%100
36	M24	Z	-3.104	-3.104	0	%100
37	MP1A	X	0	0	0	%100
38	MP1A	Z	-3.844	-3.844	0	%100
39	MP2A	X	0	0	0	%100
40	MP2A	Z	-3.844	-3.844	0	%100
41	MP3A	X	0	0	0	%100
42	MP3A	Z	-3.844	-3.844	0	%100
43	MP4A	X	0	0	0	%100
44	MP4A	Z	-3.844	-3.844	0	%100
45	MP1C	X	0	0	0	%100
46	MP1C	Z	-3.844	-3.844	0	%100
47	MP2C	X	0	0	0	%100
48	MP2C	Z	-3.844	-3.844	0	%100
49	MP3CA	X	0	0	0	%100
50	MP3CA	Z	-3.844	-3.844	0	%100
51	MP4CA	X	0	0	0	%100
52	MP4CA	Z	-3.844	-3.844	0	%100
53	MP1B	X	0	0	0	%100
54	MP1B	Z	-3.844	-3.844	0	%100
55	MP2B	X	0	0	0	%100
56	MP2B	Z	-3.844	-3.844	0	%100
57	MP3B	X	0	0	0	%100
58	MP3B	Z	-3.844	-3.844	0	%100
59	MP4B	X	0	0	00	%100
60	MP4B	Z	-3.844	-3.844	0	%100
61	MP3C	X	0	0	0	%100
62	MP3C	Z	-3.844	-3.844	0	%100
63	M61	X	0	0	0	%100
64	M61	Z	-4.35	-4.35	0	%100
65	M66	X	0	0	0	%100
66	M66	Z	-1.087	-1.087	0	%100
67	M71	X	0	0	0	%100
68 69	M71 M82	Z	-1.087	-1.087	0	%100
70	M82	X Z	0	0	0	%100
71	M83	X	-1.034 0	-1.034	0	%100
72	M83	Z	-1.034	0	0	%100
73	M84	X	-1.034	-1.034	0	%100
74	M84	Z	-4.135	-4.135	0	%100
75	M86	X	-4.133	-4.135	0	%100 %100
76	M86	Z	983	983	0	%100
77	M88	X	963	963	0	%100 %100
78	M88	Z	-4.533	-4.533		
79	M90	X	-4.333	-4.555	0	%100 %100
80	M90	Z	-4.533	-4.533	0	%100 %100
81	MP4C	X	0	0	0	%100
82	MP4C	Z	-3.844	-3.844	0	%100 %100
83	M95	X	0	-3.044	Ö	%100
84	M95	Z	-3.387	-3.387	0	%100 %100
85	M97	X	0	0	Ö	%100 %100
86	M97	Z	-3.387	-3.387	ő	%100
87	M99	X	0	0	0	%100
88	M99	Z	-3.387	-3.387	0	%100

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

	Member Label	Direction		.End Magnitude[lb/ft,F.	Start Location[ft,%]	End Location[ft,%]
1	M1	X	2.186	2.186	0	%100
2	M1	Z	-3.787	-3.787	0	%100
3	M2	X	2.39	2.39	0	%100
4	M2	Z	-4.14	-4.14	0	%100
5	M3	X	2.186	2.186	00	%100
6	M3	Z	-3.787	-3.787	0	%100
7	M4	X	.601	.601	0	%100
8	M4	Z	-1.041	-1.041	0	%100
9	M5	X	.425	.425	0	%100
10	M5	Z	735	735	0	%100
11	M8	X	.517	.517	0	%100
12	M8	Z	896	896	0	%100
13	M9	X	2.186	2.186	00	%100
14	M9	Z	-3.787	-3.787	0	%100
15	M10	X	.601	.601	0	%100
16	M10	Z	-1.041	-1.041	0	%100
17	M11	X	2.186	2.186	0	%100
18	M11	Z	-3.787	-3.787	0	%100
19	M12	X	2.39	2.39	0	%100
20	M12	Z	-4.14	-4.14	0	%100
21	M13	X	.425	.425	0	%100
22	M13	Z	735	735	0	%100
23	M16	X	.517	.517	0	%100
24	M16	Z	896	896	0	%100
25	M17	X	0	0	0	%100
26	M17	Z	0	0	0	%100
27	M18	X	.594	.594	0	%100
28	M18	Z	-1.029	-1.029	0	%100
29	M19	X	0	0	0	%100
30	M19	Z	0	0	0	%100
31	M20	X	.594	.594	0	%100
32	M20	Z	-1.029	-1.029	0	%100
33	M21	X	1.699	1.699	0	%100
34	M21	Z	-2.942	-2.942	0	%100
35	M24	X	2.069	2.069	.0	%100
36	M24	Z	-3.584	-3.584	0	%100
37	MP1A	X	1.922	1.922	0	%100
38	MP1A	Z	-3.329	-3.329	0	%100
39	MP2A	X	1.922	1.922	0	%100
40	MP2A	Z	-3.329	-3.329	0	%100
41	MP3A	X	1.922	1.922	0	%100
42	MP3A	Z	-3.329	-3.329	0	%100
43	MP4A	X	1.922	1.922	0	%100
44	MP4A	Z	-3.329	-3.329	0	%100
45	MP1C	X	1.922	1.922	0	%100
46	MP1C	Z	-3.329	-3.329	Ö	%100
47	MP2C	X	1.922	1.922	0	%100
48	MP2C	Z	-3.329	-3.329	0	%100
49	MP3CA	X	1.922	1.922	0	%100
50	MP3CA	Z	-3.329	-3.329	Ö	%100
51	MP4CA	X	1.922	1.922	0	%100
52	MP4CA	Z	-3.329	-3.329	0	%100
53	MP1B	X	1.922	1.922	0	%100
54	MP1B	Ž	-3.329	-3.329	0	%100
55	MP2B	X	1.922	1.922	0	%100
56	MP2B	Ž	-3.329	-3.329	0	%100
57	MP3B	X	1.922	1.922	0	%100 %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,%]
58	MP3B	Z	-3.329	-3.329	0	%100
59	MP4B	X	1.922	1.922	0	%100
60	MP4B	Z	-3.329	-3.329	0	%100
61	MP3C	X	1.922	1.922	0	%100
62	MP3C	Z	-3.329	-3.329	0	%100
63	M61	X	1.631	1.631	0	%100
64	M61	Z	-2.825	-2.825	0	%100
65	M66	X	1.631	1.631	0	%100
66	M66	Z	-2.825	-2.825	0	%100
67	M71	X	0	0	0	%100
68	M71	Z	0	0	0	%100
69	M82	X	1.551	1.551	0	%100
70	M82	Z	-2.686	-2.686	0	%100
71	M83	X	0	0	0	%100
72	M83	Z	0	0	0	%100
73	M84	X	1.551	1.551	0	%100
74	M84	Z	-2.686	-2.686	0	%100
75	M86	X	1.083	1.083	0	%100
76	M86	Z	-1.876	-1.876	0	%100
77	M88	X	1.083	1.083	0	%100
78	M88	Z	-1.876	-1.876	0	%100
79	M90	X	2.858	2.858	0	%100
80	M90	Z	-4.95	-4.95	0	%100
81	MP4C	X	1.922	1.922	0	%100
82	MP4C	Z	-3.329	-3.329	0	%100
83	M95	X	1.694	1.694	0	%100
84	M95	Z	-2.934	-2.934	0	%100
85	M97	X	1.694	1.694	0	%100
86	M97	Z	-2.934	-2.934	0	%100
87	M99	X	1.694	1.694	0	%100
88	M99	Z	-2.934	-2.934	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude(lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
1	M1	X	1.262	1.262	0	%100
2	M1	Z	729	729	0	%100
3	M2	X	3.099	3.099	0	%100
4	M2	Z	-1.789	-1.789	0	%100
5	M3	X	1.262	1.262	0	%100
6	M3	Z	729	729	0	%100
7	M4	X	1.3e-5	1.3e-5	0	%100
8	M4	Z	-7e-6	-7e-6	0	%100
9	M5	X	2.206	2.206	0	%100
10	M5	Z	-1.274	-1.274	0	%100
11	M8	X	2.688	2.688	0	%100
12	M8	Z	-1.552	-1.552	0	%100
13	M9	X	5.049	5.049	0	%100
14	M9	Z	-2.915	-2.915	0	%100
15	M10	X	3,111	3.111	0	%100
16	M10	Z	-1.796	-1.796	Ö	%100
17	M11	X	5.049	5.049	0	%100
18	M11	Z	-2.915	-2.915	0	%100
19	M12	X	3.111	3.111	0	%100
20	M12	Z	-1.796	-1.796	Ö	%100
21	M13	X	0	0	0	%100
22	M13	Z	Ö	Ŏ	Ö	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude[lb/ft,F		End Location[ft,%]
23	M16	X	0	0	0	%100
24	M16	Z	0	0	0	%100
25	M17	X	1.262	1.262	0	%100
26	M17	Z	729	729	0	%100
27	M18	X	1.3e-5	1.3e-5	0	%100
28	M18	Z	-7e-6	-7e-6	0	%100
29	M19	X	1.262	1.262	0	%100
30	M19	Z	729	729	0	%100
31	M20	X	3.099	3.099	0	%100
32	M20	Z	-1.789	-1.789	0	%100
33	M21	X	2.206	2.206	0	%100
34	M21	Z	-1.274	-1.274	0	%100
35	M24	X	2.688	2.688	0	%100
36	M24	Z	-1.552	-1.552	0	%100
37	MP1A	X	3.329	3.329	0	%100
38	MP1A	Z	-1.922	-1.922	0	%100
39	MP2A	X	3.329	3.329	0	%100
40	MP2A	Z	-1.922	-1.922	0	%100
41	MP3A	X	3.329	3.329	0	%100
42	MP3A	Z	-1.922	-1.922	0	%100
43	MP4A	X	3.329	3.329	0	%100
44	MP4A	Z	-1.922	-1.922	0	%100
45	MP1C	X	3.329	3.329	0	%100
46	MP1C	Z	-1.922	-1.922	0	%100
47	MP2C	X	3.329	3.329	0	%100
48	MP2C	Z	-1.922	-1.922	0	%100
49	MP3CA	X	3.329	3.329	0	%100
50	MP3CA	Z	-1.922	-1.922	0	%100
51	MP4CA	X	3.329	3.329	0	%100
52	MP4CA	Z	-1.922	-1.922	0	%100
53	MP1B	X	3.329	3.329	0	%100
54	MP1B	Z	-1.922	-1.922	0	%100
55	MP2B	X	3.329	3,329	0	%100
56	MP2B	Z	-1.922	-1.922	0	%100
57	MP3B	X	3.329	3.329	0	%100
58	MP3B	Z	-1.922	-1.922	0	%100
59	MP4B	X	3.329	3.329	0	%100
60	MP4B	Z	-1.922	-1.922	0	%100
61	MP3C	X	3.329	3.329	0	%100
62	MP3C	Z	-1.922	-1.922	0	%100
63	M61	X	.942	.942	0	%100
64	M61	Z	544	544	0	%100
65	M66	X	3.767	3.767	0	%100
66	M66	Z	-2.175	-2.175	Ō	%100
67	M71	X	.942	.942	0	%100
68	M71	Z	544	544	Ö	%100
69	M82	X	3.581	3.581	0	%100
70	M82	Z	-2.068	-2.068	0	%100
71	M83	X	.895	.895	0	%100
72	M83	Z	517	517	Ö	%100
73	M84	X	.895	.895	Ō	%100
74	M84	Z	517	517	Ö	%100
75	M86	X	3.926	3.926	0	%100
76	M86	Z	-2.266	-2.266	0	%100
		X	-2.200 .852	.852	0	%100 %100
77 78	M88 M88	Z	492	492	0	%100 %100
78	M90	X	3.926	3.926	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,%]
80	M90	Z	-2.266	-2.266	.0	%100
81	MP4C	X	3.329	3.329	0	%100
82	MP4C	Z	-1.922	-1.922	0	%100
83	M95	X	2.934	2.934	0	%100
84	M95	Z	-1.694	-1.694	0	%100
85	M97	X	2.934	2.934	0	%100
86	M97	Z	-1.694	-1.694	0	%100
87	M99	X	2.934	2.934	0	%100
88	M99	Z	-1.694	-1.694	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	<u>M1</u>	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	1.188	1.188	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	1.188	1.188	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	3.397	3.397	0	%100
10	M5	Z	0	0	0	%100
11	M8	X	4.139	4.139	0	%100
12	M8	Z	0	0	0	%100
13	M9	X	4.373	4.373	0	%100
14	M9	Z	0	0	0	%100
15	M10	X	4.78	4.78	0	%100
16	M10	Z	0	0	0	%100
17	M11	X	4.373	4.373	0	%100
18	M11	Z	0	0	0	%100
19	M12	X	1.202	1.202	0	%100
20	M12	Z	0	0	0	%100
21	M13	X	.849	.849	0	%100
22	M13	Z	0	0	0	%100
23	M16	X	1.035	1.035	0	%100
24	M16	Z	0	0	0	%100
25	M17	X	4.373	4.373	0	%100
26	M17	Z	0	0	0	%100
27	M18	X	1.202	1.202	0	%100
28	M18	Z	0	0	0	%100
29	M19	X	4.373	4.373	0	%100
30	M19	Z	0	0	0	%100
31	M20	X	4.78	4.78	0	%100
32	M20	Z	0	0	0	%100
33	M21	X	.849	.849	0	%100
34	M21	Z	0	0	0	%100
35	M24	X	1.035	1.035	0	%100
36	M24	Z	0	0	0	%100
37	MP1A	X	3.844	3.844	0	%100
38	MP1A	Z	0	0	Ö	%100
39	MP2A	X	3.844	3.844	0	%100
40	MP2A	Z	0	0.011	Ö	%100
41	MP3A	X	3.844	3.844	0	%100
42	MP3A	Z	0	0	0	%100
43	MP4A	X	3.844	3.844	0	%100
44	MP4A	Z	0	0	Ŏ	%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,%]
45	MP1C	X	3.844	3.844	0	%100
46	MP1C	Z	0	0	0	%100
47	MP2C	X	3.844	3.844	0	%100
48	MP2C	Z	0	0	0	%100
49	MP3CA	X	3.844	3.844	0	%100
50	MP3CA	Z	0	0	0	%100
51	MP4CA	X	3.844	3.844	0	%100
52	MP4CA	Z	0	0	0	%100
53	MP1B	X	3.844	3.844	0	%100
54	MP1B	Z	0	0	0	%100
55	MP2B	X	3.844	3.844	0	%100
56	MP2B	Z	0	0	0	%100
57	MP3B	X	3.844	3.844	0	%100
58	MP3B	Z	0	0	0	%100
59	MP4B	X	3.844	3.844	0	%100
60	MP4B	Z	0	0	0	%100
61	MP3C	X	3.844	3.844	0	%100
62	MP3C	Z	0	0	0	%100
63	M61	X	0	0	0	%100
64	M61	Z	0	0	0	%100
65	M66	X	3.262	3.262	0	%100
66	M66	Z	0	0	0	%100
67	M71	X	3.262	3,262	0	%100
68	M71	Z	0	0	0	%100
69	M82	X	3.101	3.101	0.	%100
70	M82	Z	0	0	0	%100
71	M83	X	3.101	3.101	0	%100
72	M83	Z	0	0	0	%100
73	M84	X	0	0	0	%100
74	M84	Z	0	0	0	%100
75	M86	X	5.716	5.716	0	%100
76	M86	Z	0	0	0	%100
77	M88	X	2.166	2.166	0	%100
78	M88	Z	0	0	0	%100
79	M90	X	2.166	2.166	0	%100
80	M90	Z	0	0	0	%100
81	MP4C	X	3.844	3.844	0	%100
82	MP4C	Z	0	0	0	%100
83	M95	X	3.387	3.387	0	%100
84	M95	Z	0	0	0	%100
85	M97	X	3.387	3.387	0	%100
86	M97	Z	0.007	0.007	0	%100
87	M99	X	3.387	3.387	0	%100
88	M99	7	0.007	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude[lb/ft,F	. Start Location[ft.%]	End Location[ft,%]
1	M1	X	1.262	1.262	0	%100
2	M1	Z	.729	.729	0	%100
3	M2	X	1.3e-5	1.3e-5	0	%100
4	M2	Z	7e-6	7e-6	0	%100
5	M3	X	1.262	1.262	0	%100
6	M3	Z	.729	.729	0	%100
7	M4	X	3.099	3.099	0	%100
8	M4	Z	1.789	1.789	0	%100
9	M5	X	2.206	2.206	0	%100

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

	Member Label	Direction	Start Magnitude(lb/ft	.End Magnitude[lb/ft,F	Start Location[ft.%]	End Location[ft,%]
10	M5	Z	1.274	1.274	0	%100
11	M8	X	2.688	2.688	0	%100
12	M8	Z	1.552	1.552	0	%100
13	M9	X	1.262	1.262	0	%100
14	M9	Z	.729	.729	0	%100
15	M10	X	3.099	3.099	0	%100
16	M10	Z	1.789	1.789	0	%100
17	M11	X	1.262	1.262	0	%100
18	M11	Z	.729	.729	0	%100
19	M12	X	1.3e-5	1.3e-5	0	%100
20	M12	Z	7e-6	7e-6	0	%100
21	M13	X	2.206	2.206	Ö	%100
22	M13	Z	1.274	1.274	ő	%100
23	M16	X	2.688	2.688	0	%100 %100
24	M16	Z	1.552	1.552	0	%100
25	M17	X	5.049	5.049	0	%100
26	M17	Z	2.915	2.915	0	%100 %100
27	M18	X	3.111	3.111	0	%100
28	M18	Z	1.796	1.796	0	%100 %100
29	M19	X	5.049	5.049	0	%100
30	M19	Z	2.915	2.915	0	%100 %100
31	M20	X	3.111	3.111	0	%100 %100
32	M20	Z	1.796	1.796	0	%100
33	M21	X	0	0	0	%100 %100
34	M21	Ž	0	0	0	%100 %100
35	M24	X				
36	M24	Ž	0	0	0	%100 %100
37	MP1A		3.329	3.329		
38	MP1A	X			0	%100
39	MP2A	X	1.922	1.922	0	%100
40	MP2A	Ž	3.329 1.922	3,329 1,922	0	%100 %100
41	MP3A	X				
42	MP3A	Ž	3.329 1.922	3.329 1. 922	0	%100
43	MP4A	X	3.329	3.329	0	%100
44	MP4A	Ž	1.922	1.922	0	%100
45	MP1C	X	3.329	3.329	0	%100 %100
46	MP1C	Z	1.922	1.922	0	%100 %100
47	MP2C	X	3.329	3.329	0	%100 %100
48	MP2C	Ž	1.922		0	
49	MP3CA	X	3.329	1. 922 3.329	0	%100 %100
50	MP3CA	Z	1.922	1.922		%100
51	MP4CA	X	3.329	3.329	0	%100 %100
52	MP4CA	Z	1.922			%100 %100
53	MP1B		3.329	1. 922 3.329	0	
54	MP1B	Z	1.922	1.922	0	%100 %100
55	MP2B	X	3.329		0	%100 %100
56	MP2B	Z	1.922	3.329	0	%100 %100
57	MP3B			1. 922 3.329		%100 %100
58	MP3B	Z	3.329		0	%100 %100
59	MP4B	X	1.922	1.922		%100 %100
60	MP4B	Z	3.329	3.329	0	%100 %100
61	MP3C	X	1.922	1.922	0	%100 %100
62	MP3C	Ž	3.329 1.922	3.329 1.922	0	%100 %100
63	M61	X	.942	.942	0	%100 %100
64	M61	ż	.544	.544	0	%100 %100
65	M66	X	.942	.942	0	%100 %100
66	M66	Ž	.544	.544	0	%100
UU	IVIOU		.044	.544	U	76 IUU

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

	Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
67	M71	X	3.767	3.767	0	%100
68	M71	Z	2.175	2.175	0	%100
69	M82	X	.895	.895	0	%100
70	M82	Z	.517	.517	0	%100
71	M83	X	3.581	3.581	0	%100
72	M83	Z	2.068	2.068	0	%100
73	M84	X	.895	.895	0	%100
74	M84	Z	.517	.517	O O	%100
75	M86	X	3.926	3.926	0	%100
76	M86	Z	2.266	2.266	0	%100
77	M88	X	3.926	3.926	0	%100
78	M88	Z	2.266	2.266	0	%100
79	M90	X	.852	.852	0	%100
80	M90	Z	.492	.492	0	%100
81	MP4C	X	3.329	3.329	0	%100
82	MP4C	Z	1.922	1.922	0	%100
83	M95	X	2.934	2.934	0	%100
84	M95	Z	1.694	1.694	0	%100
85	M97	X	2.934	2.934	0	%100
86	M97	Z	1.694	1.694	0	%100
87	M99	X	2.934	2.934	0	%100
88	M99	Z	1.694	1.694	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft	End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
1	M1	X	2.186	2.186	0	%100
2	M1	Z	3.787	3.787	0	%100
3	M2	X	.601	.601	0	%100
4	M2	Z	1.041	1.041	0	%100
5	M3	X	2.186	2.186	0	%100
6	M3	Z	3.787	3.787	0	%100
7	M4	X	2.39	2.39	0	%100
8	M4	Z	4.14	4.14	0	%100
9	M5	X	.425	.425	0	%100
10	M5	Z	.735	.735	0	%100
11	M8	X	.517	.517	0	%100
12	M8	Z	.896	.896	0	%100
13	M9	X	0	0	0	%100
14	M9	Z	0	0	0	%100
15	M10	X	.594	.594	0	%100
16	M10	Z	1.029	1.029	0	%100
17	M11	X	0	0	0	%100
18	M11	Z	0	0	0	%100
19	M12	X	.594	.594	0	%100
20	M12	Z	1.029	1.029	0	%100
21	M13	X	1.699	1.699	0	%100
22	M13	Z	2.942	2.942	0	%100
23	M16	X	2.069	2.069	0	%100
24	M16	Z	3.584	3.584	0	%100
25	M17	X	2.186	2.186	0	%100
26	M17	Z	3.787	3.787	0	%100
27	M18	X	2.39	2.39	0	%100
28	M18	Z	4.14	4.14	0	%100
29	M19	X	2.186	2.186	0	%100
30	M19	Z	3.787	3.787	0	%100
31	M20	X	.601	.601	0	%100

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

32 33 34 35 36 37	M20 M21 M21 M24	X	1.041	1.041	0	%100
34 35 36 37	M21					
35 36 37			.425	.425	0	%100
36 37	IV/1.77/	Z	.735	.735	0	%100
37		<u>X</u>	.517	.517	0	%100
	M24	Z	.896	.896	0	%100
	MP1A	X	1.922	1.922	0	%100
38	MP1A	Z	3.329	3.329	0	%100
39	MP2A	X	1.922	1.922	0	%100
40	MP2A	Z	3.329	3.329	.0	%100
41	MP3A	X	1.922	1.922	0	%100
42	MP3A	Z	3.329	3.329	0	%100
43	MP4A	X	1.922	1.922	0	%100
44	MP4A	Z	3.329	3.329	0	%100
45	MP1C	X	1.922	1.922	0	%100
46	MP1C	Z	3.329	3.329	0	%100
47	MP2C	X	1.922	1.922	0	%100
48	MP2C	Z	3.329	3.329	0	%100
49	MP3CA	X	1.922	1.922	0	%100
50	MP3CA	Z	3.329	3.329	0	%100
51	MP4CA	X	1.922	1.922	0	%100
52	MP4CA	Z	3.329	3.329	Ö	%100
53	MP1B	X	1.922	1.922	0	%100
54	MP1B	7	3.329	3.329	0	%100
55	MP2B	X	1.922	1.922	0	%100
56	MP2B	Ž	3.329	3.329	0	%100 %100
57	MP3B	X	1.922		0	
58	MP3B	Ž	3.329	1.922 3.329		%100
59					0	%100
	MP4B	X	1.922	1.922	0	%100
60	MP4B	Z	3.329	3.329	0	%100
61	MP3C	X	1.922	1.922	0	%100
62	MP3C	Z	3.329	3.329	0	%100
63	M61	X	1.631	1.631	0	%100
64	M61	Z	2.825	2.825	0	%100
65	M66	X	0	0	0	%100
66	M66	Z	0	0	0	%100
67	M71	X	1.631	1.631	0	%100
68	M71	Z	2.825	2.825	0	%100
69	M82	X	0	.0	0	%100
70	M82	Z	0	0	0	%100
71	M83	X	1.551	1.551	0	%100
72	M83	Z	2.686	2.686	0	%100
73	M84	X	1.551	1.551	0	%100
74	M84	Z	2.686	2.686	0	%100
75	M86	X	1.083	1.083	0	%100
76	M86	Z	1.876	1.876	0	%100
77	M88	X	2.858	2.858	0	%100
78	M88	Z	4.95	4.95	0	%100
79	M90	X	1.083	1.083	0	%100
80	M90	Z	1.876	1.876	0	%100
81	MP4C	X	1.922	1.922	0	%100
82	MP4C	Z	3.329	3.329	0	%100
83	M95	X	1.694	1.694	0	%100
84	M95	Z	2.934	2.934	0	%100
85	M97	X	1.694	1.694	0	%100
86	M97	Z	2.934	2.934	0	%100 %100
87	M99	X	1.694	1.694	0	%100 %100
88	M99	Z	2.934	2.934	0	%100 %100

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

	Member Label	Direction		End Magnitude[lb/ft,F		End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	5.83	5.83	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	3.593	3.593	0	%100
5	M3	X	0	0	00	%100
6	M3	Z	5.83	5.83	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	3.593	3.593	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	0	0	0	%100
11	M8	X	0	0	0	%100
12	M8	Z	0	0	0	%100
13	M9	X	0	0	0	%100
14	M9	Z	1.458	1.458	0	%100
15	M10	X	0	0	0	%100
16	M10	Z	1.5e-5	1.5e-5	0	%100
17	M11	X	0	0	0	%100
18	M11	Z	1.458	1.458	0	%100
19	M12	X	0	0	0	%100
20	M12	Z	3.578	3.578	0	%100
21	M13	X	0	0	0	%100
22	M13	Z	2.548	2.548	0	%100
23	M16	X	0	0	0	%100
24	M16	Z	3.104	3.104	0	%100
25	M17	X	0	0	0	%100
26	M17	Z	1.458	1.458	0	%100
27	M18	X	0	0	0	%100
28	M18	Z	3.578	3.578	0	%100
29	M19	X	- 0	0	0	%100
30	M19	Z	1.458	1.458	0	%100
31	M20	X	0	0	0	%100
32	M20	Z	1.5e-5	1.5e-5	0	%100
33	M21	X	0	0	0	%100
34	M21	Z	2.548	2.548	0	%100
35	M24	X	0	0	0	%100
36	M24	Z	3.104	3.104	0	%100
37	MP1A	X	0	0	0	%100
38	MP1A	Z	3.844	3.844	0	%100
39	MP2A	X	0	0	0	%100
40	MP2A	Z	3.844	3.844	0	%100
41	MP3A	X	0	0	0	%100
42	MP3A	Z	3.844	3.844	0	%100
43	MP4A	X	0	0	0	%100
44	MP4A	Z	3.844	3.844	0	%100
45	MP1C	X	0	0	0	%100
46	MP1C	Z	3.844	3.844	0	%100
47	MP2C	X	0	0	0	%100
48	MP2C	Z	3.844	3.844	0	%100
49	MP3CA	X	0	0	0	%100
50	MP3CA	Z	3.844	3.844	0	%100
51	MP4CA	X	0	0	0	%100
52	MP4CA	Z	3.844	3.844	0	%100
53	MP1B	X	0	0	0	%100
54	MP1B	Z	3.844	3.844	0	%100
55	MP2B	X	0	0	0	%100
56	MP2B	Z	3.844	3.844	0	%100
57	MP3B	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,%]
58	MP3B	Z	3.844	3.844	0	%100
59	MP4B	X	0	0	0	%100
60	MP4B	Z	3.844	3.844	0	%100
61	MP3C	X	0	0	0	%100
62	MP3C	Z	3.844	3.844	0	%100
63	M61	X	0	0	0	%100
64	M61	Z	4.35	4.35	0	%100
65	M66	X	0	0	0	%100
66	M66	Z	1.087	1.087	0	%100
67	M71	X	0	0	0	%100
68	M71	Z	1.087	1.087	0	%100
69	M82	X	0	0	0	%100
70	M82	Z	1.034	1.034	0	%100
71	M83	X	0	0	0	%100
72	M83	Z	1.034	1.034	0	%100
73	M84	X	0	0	0	%100
74	M84	Z	4.135	4.135	0	%100
75	M86	X	0	0	.0	%100
76	M86	Z	.983	.983	0	%100
77	M88	X	0	0	0	%100
78	M88	Z	4.533	4.533	0	%100
79	M90	X	0	0	0	%100
80	M90	Z	4.533	4.533	0	%100
81	MP4C	X	0	0	0	%100
82	MP4C	Z	3.844	3.844	0	%100
83	M95	X	0	0	0	%100
84	M95	Z	3.387	3.387	0	%100
85	M97	X	0	0	0	%100
86	M97	Z	3.387	3.387	0	%100
87	M99	X	0	0	0	%100
88	M99	Z	3.387	3.387	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
1	M1	X	-2.186	-2.186	0	%100
2	M1	Z	3.787	3.787	0	%100
3	M2	X	-2.39	-2.39	0	%100
4	M2	Z	4.14	4.14	0	%100
5	M3	X	-2.186	-2.186	0	%100
6	M3	Z	3.787	3.787	0	%100
7	M4	X	601	601	0	%100
8	M4	Z	1.041	1.041	0	%100
9	M5	X	425	425	0	%100
10	M5	Z	.735	.735	0	%100
11	M8	X	517	517	0	%100
12	M8	Z	.896	.896	0	%100
13	M9	X	-2.186	-2.186	0	%100
14	M9	Z	3.787	3.787	0	%100
15	M10	X	601	601	0	%100
16	M10	Z	1.041	1.041	0	%100
17	M11	X	-2.186	-2.186	0	%100
18	M11	Z	3.787	3.787	0	%100
19	M12	X	-2.39	-2.39	Ō	%100
20	M12	Z	4.14	4.14	Ö	%100
21	M13	X	425	425	0	%100
22	M13	Z	.735	.735	0	%100

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

	Member Label	Direction		.End Magnitude[lb/ft,F.	Start Location[ft,%]	End Location[ft,%]
23	M16	X	517	517	0	%100
24	M16	Z	.896	.896	0	%100
25	M17	X	0	0	00	%100
26	M17	Z	0	0	0	%100
27	M18	X	594	594	00	%100
28	M18	Z	1.029	1.029	0	%100
29	M19	X	0	0	0	%100
30	M19	Z	0	0	0	%100
31	M20	X	594	594	0	%100
32	M20	Z	1.029	1.029	0	%100
33	M21	X	-1.699	-1.699	0	%100
34	M21	Z	2.942	2.942	0	%100
35	M24	X	-2.069	-2.069	0	%100
36	M24	Z	3.584	3.584	0	%100
37	MP1A	X	-1.922	-1.922	0	%100
38	MP1A	Z	3.329	3.329	0	%100
39	MP2A	X	-1.922	-1.922	0	%100
40	MP2A	Z	3.329	3.329	0	%100
41	MP3A	X	-1.922	-1.922	0	%100
42	MP3A	Z	3.329	3.329	0	%100
43	MP4A	X	-1.922	-1.922	0	%100
44	MP4A	Z	3.329	3.329	0	%100
45	MP1C	X	-1.922	-1.922	0	%100
46	MP1C	Z	3.329	3.329	0	%100
47	MP2C	X	-1.922	-1.922	0	%100
48	MP2C	Z	3.329	3.329	0	%100
49	MP3CA	X	-1.922	-1.922	0	%100
50	MP3CA	Z	3.329	3.329	0	%100
51	MP4CA	X	-1.922	-1.922	0	%100
52	MP4CA	Z	3.329	3.329	0	%100
53	MP1B	X	-1.922	-1.922	0	%100
54	MP1B	Z	3.329	3.329	0	%100
55	MP2B	X	-1.922	-1.922	0	%100
56	MP2B	Z	3.329	3.329	0	%100
57	MP3B	X	-1.922	-1.922	0	%100
58	MP3B	Z	3.329	3.329	0	%100
59	MP4B	X	-1.922	-1.922	0	%100
60	MP4B	Z	3.329	3.329	0	%100
61	MP3C	X	-1.922	-1.922	0	%100
62	MP3C	Z	3.329	3.329	0	%100
63	M61	X	-1.631	-1.631	0	%100
64	M61	Z	2.825	2.825	0	%100
65	M66	X	-1.631	-1.631	0	%100
66	M66	Z	2.825	2.825	0	%100
67	M71	X	0	0	0	%100
68	M71	Z	Ö	Ŏ	0	%100
69	M82	X	-1.551	-1.551	0	%100
70	M82	Z	2.686	2.686	0	%100
71	M83	X	0	0	0	%100
72	M83	Z	Ö	Ŏ	Ö	%100
73	M84	X	-1.551	-1.551	0	%100
74	M84	Z	2.686	2.686	0	%100
75	M86	X	-1.083	-1.083	0	%100
76	M86	Ž	1.876	1.876	0	%100
77	M88	X	-1.083	-1.083	0	%100
78	M88	Ž	1.876	1.876	Ŏ	%100
10	M90	X	-2.858	-2.858	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,%]
80	M90	Z	4.95	4.95	0	%100
81	MP4C	X	-1.922	-1.922	0	%100
82	MP4C	Z	3.329	3.329	0	%100
83	M95	X	-1.694	-1.694	0	%100
84	M95	Z	2.934	2.934	0	%100
85	M97	X	-1.694	-1.694	0	%100
86	M97	Z	2.934	2.934	0	%100
87	M99	X	-1.694	-1.694	0	%100
88	M99	Z	2.934	2.934	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-1.262	-1.262	0	%100
2	M1	Z	.729	.729	0	%100
3	M2	X	-3.099	-3.099	0	%100
4	M2	Z	1.789	1.789	0	%100
5	M3	X	-1.262	-1.262	0	%100
6	M3	Z	.729	.729	0	%100
7	M4	X	-1.3e-5	-1.3e-5	0	%100
8	M4	Z	7e-6	7e-6	0	%100
9	M5	X	-2.206	-2.206	0	%100
10	M5	Z	1.274	1.274	0	%100
11	M8	X	-2.688	-2.688	0	%100
12	M8	Z	1.552	1.552	0	%100
13	M9	X	-5.049	-5.049	0	%100
14	M9	Z	2.915	2.915	0	%100
15	M10	X	-3.111	-3.111	0	%100
16	M10	Z	1.796	1.796	0	%100
17	M11	X	-5.049	-5.049	0	%100
18	M11	Z	2.915	2.915	0	%100
19	M12	X	-3.111	-3.111	0	%100
20	M12	Z	1.796	1.796	0	%100
21	M13	X	0	0	0	%100
22	M13	Z	0	0	0	%100
23	M16	X	0	0	0	%100
24	M16	Z	0	0	0	%100
25	M17	X	-1.262	-1.262	0	%100
26	M17	Z	.729	.729	0	%100
27	M18	X	-1.3e-5	-1.3e-5	0	%100
28	M18	Z	7e-6	7e-6	0	%100
29	M19	X	-1.262	-1.262	0	%100
30	M19	Z	.729	.729	0	%100
31	M20	X	-3.099	-3.099	0	%100
32	M20	Z	1.789	1.789	0	%100
33	M21	X	-2.206	-2.206	0	%100
34	M21	Z	1.274	1.274	0	%100
35	M24	X	-2.688	-2.688	0	%100
36	M24	Z	1.552	1.552	0	%100
37	MP1A	X	-3.329	-3.329	0	%100
38	MP1A	Z	1.922	1.922	0	%100
39	MP2A	X	-3.329	-3.329	0	%100
40	MP2A	Z	1.922	1.922	0	%100
41	MP3A	X	-3.329	-3.329	0	%100
42	MP3A	Z	1.922	1.922	Ŏ	%100
43	MP4A	X	-3.329	-3.329	Ö	%100
44	MP4A	Z	1.922	1.922	0	%100



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

	Member Label	Direction		End Magnitude[lb/ft,F		End Location[ft,%]
45	MP1C	X	-3.329	-3.329	0	%100
46	MP1C	Z	1.922	1.922	0	%100
47	MP2C	X	-3.329	-3.329	0	%100
48	MP2C	Z	1.922	1.922	0	%100
49	MP3CA	X	-3.329	-3.329	0	%100
50	MP3CA	Z	1.922	1.922	0	%100
51	MP4CA	X	-3.329	-3.329	0	%100
52	MP4CA	Z	1.922	1.922	0	%100
53	MP1B	X	-3.329	-3.329	0	%100
54	MP1B	Z	1.922	1.922	0	%100
55	MP2B	X	-3.329	-3.329	0	%100
56	MP2B	Z	1.922	1.922	0	%100
57	MP3B	X	-3.329	-3.329	0	%100
58	MP3B	Z	1.922	1.922	0	%100
59	MP4B	X	-3.329	-3.329	0	%100
60	MP4B	Z	1.922	1.922	0	%100
61	MP3C	X	-3.329	-3.329	0	%100
62	MP3C	Z	1.922	1.922	0	%100
63	M61	X	942	942	0	%100
64	M61	Z	.544	.544	0	%100
65	M66	X	-3.767	-3.767	0	%100
66	M66	Z	2.175	2.175	0	%100
67	M71	X	942	942	0	%100
68	M71	Z	.544	.544	0	%100
69	M82	X	-3.581	-3.581	0	%100
70	M82	Z	2.068	2.068	0	%100
71	M83	X	895	895	0	%100
72	M83	Z	.517	.517	0	%100
	M84	X	895	895	0	%100
73 74	M84	Z	.517	.517	0	%100
75	M86	X	-3.926	-3.926	0	%100
	M86	Ž	2.266	2.266	0	%100
76	M88	X	852	852	0	%100
77	M88	Ž	.492	.492	0	%100
78		X	-3.926	-3.926	0	%100
79	M90 M90	Z	2.266	2.266	0	%100
80		X	-3.329	-3.329	0	%100
81	MP4C	Z	1.922	1.922	0	%100
82	MP4C	X	-2.934	-2.934	0	%100
83	M95		1.694	1.694	0	%100 %100
84	M95	Z		-2.934	0	%100 %100
85	M97	X	-2.934	1.694	0	%100 %100
86	M97	Z	1.694	-2.934	0	%100 %100
87	M99	X	-2.934			
88	M99	Z	1.694	1.694	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	-1.188	-1.188	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	-1.188	-1.188	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	-3.397	-3.397	0	%100

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

-2	Member Label	Direction	Start Magnitude[lb/ft	.End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
10	M5	Z	0	0	0	%100
11	M8	X	-4.139	-4.139	0	%100
12	M8	Z	0	0	0	%100
13	M9	X	-4.373	-4.373	0	%100
14	M9	Z	0	0	0	%100
15	M10	X	-4.78	-4.78	0	%100
16	M10	Z	0	0	0	%100
17	M11	X	-4.373	-4.373	0	%100
18	M11	Z	0	0	0	%100
19	M12	X	-1.202	-1.202	0	%100
20	M12	Z	0	0	0	%100
21	M13	X	849	849	0	%100
22	M13	Z	0	0	0	%100
23	M16	X	-1.035	-1.035	0	%100
24	M16	Z	0	0	0	%100
25	M17	X	-4.373	-4.373	0	%100
26	M17	Z	0	0	Ō	%100
27	M18	X	-1.202	-1.202	0	%100
28	M18	Z	0	0	Ō	%100
29	M19	X	-4.373	-4.373	0	%100
30	M19	Z	0	0	Ö	%100
31	M20	X	-4.78	-4.78	Ö	%100
32	M20	7	0	0	Ŏ	%100
33	M21	X	849	849	0	%100
34	M21	Z	0	0	Ŏ	%100
35	M24	X	-1.035	-1.035	0	%100
36	M24	Z	0	0	Ŏ	%100 %100
37	MP1A	X	-3.844	-3.844	0	%100 %100
38	MP1A	Z	0.011	0.044	0	%100 %100
39	MP2A	X	-3.844	-3.844	0	%100
40	MP2A	Z	0	0	0	%100 %100
41	MP3A	X	-3.844	-3.844	ő	%100 %100
42	MP3A	Z	-5.044	0	0	%100 %100
43	MP4A	X	-3.844	-3.844	0	%100 %100
44	MP4A	Z	0	-5.044	0	%100 %100
45	MP1C	X	-3.844	-3.844	Ö	%100 %100
46	MP1C	Z	0	0	0	%100
47	MP2C	X	-3.844	-3.844	0	%100 %100
48	MP2C	Ž	-5.044	-5.044	0	%100 %100
49	MP3CA	X	-3.844	-3.844	0	%100 %100
50	MP3CA	Z	0	-5.044	0	%100
51	MP4CA	X	-3.844	-3.844	0	%100 %100
52	MP4CA	Z	-5.044			
53	MP1B	X	-3.844	-3.844	0	%100 %100
54	MP1B	Z	-5.044	-5.044	0	%100 %100
55	MP2B	X	-3.844	-3.844	0	
56	MP2B	Z	-5.844	-3.044	0	%100
57	MP3B	X	-3.844	-3.844	0	%100
58	MP3B	Z	-3.044		0	%100 %100
59	MP4B	X	-3.844	-3.844		%100 %100
60	MP4B	Z	-3.844	-3.844	0	%100
61	MP3C		-3.844	-3.844	0	%100
62	MP3C	Z			0	%100
63	M61		0	0	0	%100
64	M61	Z	0	0	0	%100
65	M66	X	2 262	2 262	0	%100
66	M66	Z	-3.262	-3.262	0	%100
_ 00	IVIOU	- 4	0	0	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
67	M71	X	-3.262	-3.262	0	%100
68	M71	Z	0	0	0	%100
69	M82	X	-3.101	-3.101	0	%100
70	M82	Z	0	0	0	%100
71	M83	X	-3.101	-3.101	0	%100
72	M83	Z	0	0	0	%100
73	M84	X	0	0	0	%100
74	M84	Z	0	0	0	%100
75	M86	X	-5.716	-5.716	0	%100
76	M86	Z	0	0	0	%100
77	M88	X	-2.166	-2.166	0	%100
78	M88	Z	0	0	0	%100
79	M90	X	-2.166	-2.166	0	%100
80	M90	Z	0	0	0	%100
81	MP4C	X	-3.844	-3.844	0	%100
82	MP4C	Z	0	0	0	%100
83	M95	X	-3.387	-3.387	0	%100
84	M95	Z	0	0	0	%100
85	M97	X	-3.387	-3.387	0	%100
86	M97	Z	0	0	0	%100
87	M99	X	-3.387	-3.387	0	%100
88	M99	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
1	M1	X	-1.262	-1.262	0	%100
2	M1	Z	729	729	0	%100
3	M2	X	-1.3e-5	-1.3e-5	0	%100
4	M2	Z	-7e-6	-7e-6	0	%100
5	M3	X	-1.262	-1.262	0	%100
6	M3	Z	729	729	0	%100
7	M4	X	-3.099	-3.099	0	%100
8	M4	Z	-1.789	-1.789	0	%100
9	M5	X	-2.206	-2.206	0	%100
10	M5	Z	-1.274	-1.274	0	%100
11	M8	X	-2.688	-2.688	0	%100
12	M8	Z	-1.552	-1.552	0	%100
13	M9	X	-1.262	-1.262	0	%100
14	M9	Z	729	729	0	%100
15	M10	X	-3.099	-3.099	0	%100
16	M10	Z	-1.789	-1.789	0	%100
17	M11	X	-1.262	-1.262	0	%100
18	M11	Z	729	729	0	%100
19	M12	X	-1.3e-5	-1.3e-5	0	%100
20	M12	Z	-7e-6	-7e-6	0	%100
21	M13	X	-2.206	-2.206	0	%100
22	M13	Z	-1.274	-1.274	0	%100
23	M16	X	-2.688	-2.688	0	%100
24	M16	Z	-1.552	-1.552	0	%100
25	M17	X	-5.049	-5.049	0	%100
26	M17	Z	-2.915	-2.915	0	%100
27	M18	X	-3.111	-3.111	0	%100
28	M18	Z	-1.796	-1.796	0	%100
29	M19	X	-5.049	-5.049	0	%100
30	M19	Ž	-2.915	-2.915	0	%100
31	M20	X	-3.111	-3.111	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,%]
32	M20	Z	-1.796	-1.796	0	%100
33	M21	X	0	0	0	%100
34	M21	Z	0	0	0	%100
35	M24	X	0	0	0	%100
36	M24	Z	0	0	0	%100
37	MP1A	X	-3.329	-3.329	0	%100
38	MP1A	Z	-1.922	-1.922	0	%100
39	MP2A	X	-3.329	-3.329	0	%100
40	MP2A	Z	-1.922	-1.922	0	%100
41	MP3A	X	-3.329	-3.329	0	%100
42	MP3A	Z	-1.922	-1.922	0	%100
43	MP4A	X	-3.329	-3.329	0	%100
44	MP4A	Z	-1.922	-1.922	0	%100
45	MP1C	X	-3.329	-3.329	0	%100
46	MP1C	Z	-1.922	-1.922	0	%100
47	MP2C	X	-3.329	-3.329	0	%100
48	MP2C	Z	-1.922	-1.922	0	%100
49	MP3CA	X	-3.329	-3.329	0	%100
50	MP3CA	Z	-1.922	-1.922	0	%100
51	MP4CA	X	-3.329	-3.329	0	%100
52	MP4CA	Z	-1.922	-1.922	0	%100
53	MP1B	X	-3.329	-3.329	0	%100
54	MP1B	Z	-1.922	-1.922	0	%100
55	MP2B	X	-3.329	-3.329	0	%100
56	MP2B	Z	-1.922	-1.922	0	%100
57	MP3B	X	-3.329	-3.329	0	%100
58	MP3B	Z	-1.922	-1.922	0	%100
59	MP4B	X	-3.329	-3.329	0	%100
60	MP4B	Z	-1.922	-1.922	0	%100
61	MP3C	X	-3.329	-3.329	0	%100
62	MP3C	Z	-1.922	-1.922	0	%100
63	M61	X	942	942	0	%100
64	M61	Z	544	544	0	%100
65	M66	X	942	942	0	%100
66	M66	Z	544	544	0	%100
67	M71	X	-3.767	-3.767	0	%100
68	M71	Z	-2.175	-2.175	0	%100
69	M82	X	895	895	0	%100
70	M82	Z	517	517	0	%100
71	M83	X	-3.581	-3.581	0	%100
72	M83	Z	-2.068	-2.068	0	%100
73	M84	X	895	895	0	%100
74	M84	Z	517	517	0	%100
75	M86	X	-3.926	-3.926	0	%100
76	M86	Z	-2.266	-2.266	0	%100
77	M88	X	-3.926	-3.926	0	%100
78	M88	Z	-2.266	-2.266	0	%100
79	M90	X	852	852	0	%100
80	M90	Z	492	492	0	%100
81	MP4C	X	-3.329	-3.329	0	%100
82	MP4C	Z	-1.922	-1.922	0	%100
83	M95	X	-2.934	-2.934	0	%100
84	M95	Z	-1.694	-1.694	Ō	%100
85	M97	X	-2.934	-2.934	0	%100
86	M97	Z	-1.694	-1.694	Ŏ	%100
87	M99	X	-2.934	-2.934	Ö	%100
88	M99	Z	-1.694	-1.694	0	%100

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

Men	nber Label		Start Magnitude[lb/ft	.End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,
1	M1	X	-2.186	-2.186	0	%100
2	M1	Z	-3.787	-3.787	0	%100
3	M2	X	601	601	0	%100
4	M2	Z	-1.041	-1.041	0	%100
5	M3	X	-2.186	-2.186	0	%100
3	M3	Z	-3.787	-3.787	0	%100
7	M4	X	-2.39	-2.39	0	%100
3	M4	Z	-4.14	-4.14	0	%100
9	M5	X	425	425	0	%100
0	M5	Z	735	735	0	%100
1	M8	X	517	517	0	%100
2	M8	Z	896	896	0	%100
3	M9	X	0	0	0	%100
4	M9	Z	0	0	0	%100
5	M10	X	594	594	00	%100
6	M10	Z	-1.029	-1.029	0	%100
7	M11	X	0	0	0	%100
8	M11	Z	0	0	0	%100
9	M12	X	594	594	0	%100
0	M12	Z	-1.029	-1.029	0	%100
1	M13	X	-1.699	-1.699	0	%100
2	M13	Z	-2.942	-2.942	0	%100
.3	M16	X	-2.069	-2.069	0	%100
24	M16	Z	-3.584	-3.584	0	%100
25	M17	X	-2.186	-2.186	00	%100
6	M17	Z	-3.787	-3.787	0	%100
7	M18	X	-2.39	-2.39	0	%100
8	M18	Z	-4.14	-4.14	0	%100
9	M19	X	-2.186	-2.186	0	%100
30	M19	Z	-3.787	-3.787	0	%100
1	M20	X	601	601	0	%100
12	M20	Z	-1.041	-1.041	0	%100
3	M21	X	425	425	0	%100
4	M21	Z	735	735	0	%100
5	M24	X	517	517	0	%100
6	M24	Z	896	896	0	%100
	MP1A	X	-1.922	-1.922	0	%100
	MP1A	Z	-3.329	-3.329	0	%100
	MP2A	X	-1.922	-1.922	0	%100
	MP2A	Z	-3.329	-3.329	0	%100
	MP3A	X	-1.922	-1.922	0	%100
2	MP3A	Z	-3.329	-3.329	0	%100
	MP4A	X	-1.922	-1.922	0	%100
	MP4A	Z	-3.329	-3.329	0	%100
5 1	MP1C	X	-1.922	-1.922	0	%100
	MP1C	Z	-3.329	-3.329	0	%100
	MP2C	X	-1.922	-1.922	0	%100
	MP2C	Z	-3.329	-3.329	0	%100
.9 M	1P3CA	X	-1.922	-1.922	0	%100
	IP3CA	Z	-3.329	-3.329	0	%100
51 N	1P4CA	X	-1.922	-1.922	0	%100
	1P4CA	Z	-3.329	-3.329	0	%100
	MP1B	X	-1.922	-1.922	0	%100
4	MP1B	Z	-3.329	-3.329	0	%100
	MP2B	X	-1.922	-1.922	0	%100
	MP2B	Z	-3.329	-3.329	0	%100
	MP3B	X	-1.922	-1.922	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,%]
58	MP3B	Z	-3.329	-3.329	0	%100
59	MP4B	X	-1.922	-1.922	0	%100
60	MP4B	Z	-3.329	-3.329	0	%100
61	MP3C	X	-1.922	-1.922	0	%100
62	MP3C	Z	-3.329	-3.329	0	%100
63	M61	X	-1.631	-1.631	0	%100
64	M61	Z	-2.825	-2.825	0	%100
65	M66	X	0	0	0	%100
66	M66	Z	0	0	0	%100
67	M71	X	-1.631	-1.631	0	%100
68	M71	Z	-2.825	-2.825	0	%100
69	M82	X	0	0	0	%100
70	M82	Z	0	0	0	%100
71	M83	X	-1.551	-1.551	0	%100
72	M83	Z	-2.686	-2.686	0	%100
73	M84	X	-1.551	-1.551	Õ	%100
74	M84	Z	-2.686	-2.686	0	%100
75	M86	X	-1.083	-1.083	0	%100
76	M86	Z	-1.876	-1.876	0	%100
77	M88	X	-2.858	-2.858	0	%100
78	M88	Z	-4.95	-4.95	0	%100
79	M90	X	-1.083	-1.083	0	%100
80	M90	Z	-1.876	-1.876	0	%100
81	MP4C	X	-1.922	-1.922	0	%100
82	MP4C	Z	-3.329	-3.329	0	%100
83	M95	X	-1.694	-1.694	0	%100
84	M95	Z	-2.934	-2.934	Ö	%100
85	M97	X	-1.694	-1.694	0	%100
86	M97	Z	-2.934	-2.934	ŏ	%100
87	M99	X	-1.694	-1.694	0	%100
88	M99	Ž	-2.934	-2.934	0	%100 %100

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

	Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	-1.254	-1.254	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	791	791	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	-1.254	-1.254	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	791	791	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	0	0	0	%100
11	M8	X	0	0	0	%100
12	M8	Z	0	0	0	%100
13	M9	X	0	0	0	%100
14	M9	Z	314	314	0	%100
15	M10	X	0	0	0	%100
16	M10	Z	-3e-6	-3e-6	0	%100
17	M11	X	0	0	0	%100
18	M11	Z	314	314	0	%100
19	M12	X	0	0	0	%100
20	M12	Z	788	788	0	%100
21	M13	X	0	0	0	%100
22	M13	Z	536	536	- 0	%100

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

	Member Label	Direction		End Magnitude[lb/ft,F		End Location[ft,%]
23	M16	X	0	0	0	%100
24	M16	Z	697	697	0	%100
25	M17	X	0	0	0	%100
26	M17	Z	314	314	0	%100
27	M18	X	0	0	0	%100
28	M18	Z	788	788	0	%100
29	M19	X	0	0	0	%100
30	M19	Z	314	314	0	%100
31	M20	X	0	0	0	%100
32	M20	Z	-3e-6	-3e-6	0	%100
33	M21	X	0	0	0	%100
34	M21	Z	536	536	0	%100
35	M24	X	0	0	0	%100
36	M24	Z	697	697	0	%100
37	MP1A	X	0	0	0	%100
38	MP1A	Z	596	596	0	%100
39	MP2A	X	0	0	0	%100
40	MP2A	Z	596	596	0	%100
41	MP3A	X	0	0	0	%100
42	MP3A	Z	596	596	0	%100
43	MP4A	X	0	0	0	%100
44	MP4A	Z	596	596	0	%100
45	MP1C	X	0	0	0	%100
46	MP1C	Z	596	596	0	%100
47	MP2C	X	0	0	0	%100
48	MP2C	Z	596	596	0	%100
49	MP3CA	X	0	0	0	%100
50	MP3CA	Z	596	596	0	%100
51	MP4CA	X	0	0	0	%100
52	MP4CA	Z	596	596	0	%100
53	MP1B	X	0	0	0	%100
54	MP1B	Z	596	596	0	%100
55	MP2B	X	0	0	0	%100
56	MP2B	Z	596	596	0	%100
57	MP3B	X	0	0	0	%100
58	MP3B	Z	596	596	0	%100
59	MP4B	X	0	0	0	%100
60	MP4B	Z	596	596	0	%100
61	MP3C	X	0	0	0	%100
62	MP3C	Z	596	596	0	%100
63	M61	X	0 701	0	0	%100
64	M61	Z	721	721	0	%100
65	M66	X	0	0	0	%100
66	M66	Z	18	-,18	0	%100
67	M71	X	0	0	0	%100
68	M71	Z	18	18	0	%100
69	M82	X	0	0	0	%100
70	M82	Z	228	228	0	%100
71	M83	X	0	0	0	%100
72	M83	Z	228	228	0	%100
73	M84	X	0	0	0	%100
74	M84	Z	914	914	0	%100
75	M86	X	0	0	0	%100
76	M86	Z	258	258	0	%100
77	M88	X	0	0	0	%100
78	M88	Z	-1.005	-1.005	0	%100
79	M90	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,%]
80	M90	Z	-1.005	-1.005	0	%100
81	MP4C	X	0	0	0	%100
82	MP4C	Z	596	596	0	%100
83	M95	X	0	0	0	%100
84	M95	Z	543	543	0	%100
85	M97	X	0	0	0	%100
86	M97	Z	543	543	0	%100
87	M99	X	0	0	0	%100
88	M99	Z	543	543	0	%100

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

	Member Label	Direction		.End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
1	M1	X	.47	.47	0	%100
2	M1	Z	815	815	0	%100
3	M2	X	.526	.526	0	%100
4	M2	Z	912	912	0	%100
5	M3	X	.47	.47	0	%100
6	M3	Z	815	815	0	%100
7	M4	X	.132	.132	0	%100
8	M4	Z	229	229	0	%100
9	M5	X	.089	.089	0	%100
10	M5	Z	155	155	0	%100
11	M8	X	.116	.116	0	%100
12	M8	Z	201	201	0	%100
13	M9	X	.47	.47	0	%100
14	M9	Z	815	815	0	%100
15	M10	X	.132	.132	0	%100
16	M10	Z	229	229	0	%100
17	M11	X	.47	.47	0	%100
18	M11	Z	815	815	0	%100
19	M12	X	.526	.526	0	%100
20	M12	Z	912	912	0	%100
21	M13	X	.089	.089	0	%100
22	M13	Z	155	155	0	%100
23	M16	X	.116	.116	0	%100
24	M16	Z	201	201	0	%100
25	M17	X	0	0	Ō	%100
26	M17	Z	Ó	Ö	Ö	%100
27	M18	X	.131	.131	0	%100
28	M18	Z	227	227	Ö	%100
29	M19	X	0	0	Ō	%100
30	M19	Z	Ŏ	0	0	%100
31	M20	X	.131	.131	0	%100
32	M20	Z	227	227	Ö	%100
33	M21	X	.357	.357	Ö	%100
34	M21	Z	619	619	Ŏ	%100
35	M24	X	.465	.465	Ö	%100
36	M24	Ž	805	805	ő	%100
37	MP1A	X	.298	.298	Ŏ	%100
38	MP1A	Z	516	516	ŏ	%100 %100
39	MP2A	X	.298	.298	Ö	%100
40	MP2A	Ž	516	516	Ö	%100
41	MP3A	X	.298	.298	Ö	%100
42	MP3A	Z	516	516	Ö	%100 %100
43	MP4A	X	.298	.298	0	%100 %100
44	MP4A	Ž	516	516	Ö	%100 %100



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

	Member Label	Direction	Start Magnitude[lb/ft,	.End Magnitude[lb/ft,F.,		End Location[ft,%]
45	MP1C	X	.298	.298	0	%100
46	MP1C	Z	516	516	0	%100
47	MP2C	X	.298	.298	0	%100
48	MP2C	Z	516	516	0	%100
49	MP3CA	X	.298	.298	0	%100
50	MP3CA	Z	516	516	0	%100
51	MP4CA	X	.298	.298	0	%100
52	MP4CA	Z	516	516	0	%100
53	MP1B	X	.298	.298	0	%100
54	MP1B	Z	516	516	0	%100
55	MP2B	X	.298	.298	0	%100
56	MP2B	Z	516	516	0	%100
57	MP3B	X	,298	.298	0	%100
58	MP3B	Z	516	516	0	%100
59	MP4B	X	.298	.298	0	%100
60	MP4B	Z	516	516	0	%100
61	MP3C	X	.298	.298	0	%100
62	MP3C	Z	516	516	0	%100
63	M61	X	.27	.27	0	%100
64	M61	Z	468	468	0	%100
65	M66	X	.27	.27	0	%100
66	M66	7	468	468	0	%100
67	M71	X	0	0	0	%100
68	M71	Z	0	0	0	%100
69	M82	X	.343	.343	0	%100
70	M82	Z	593	593	0	%100
71	M83	X	0	0	0	%100
72	M83	Z	0	0	0	%100
73	M84	X	.343	.343	0	%100
74	M84	Z	593	593	0	%100
75	M86	X	.254	.254	0	%100
76	M86	Z	439	439	0	%100
77	M88	X	.254	.254	0	%100
78	M88	Z	439	439	0	%100
79	M90	X	.627	.627	0	%100
80	M90	Z	-1.086	-1.086	0	%100
81	MP4C	X	.298	.298	0	%100
82	MP4C	Z	516	516	0	%100
83	M95	X	.271	.271	0	%100
84	M95	Z	47	47	0	%100
85	M97	X	.271	.271	0	%100
86	M97	Z	47	47	Ŏ	%100
87	M99	X	.271	.271	0	%100
88	M99	7	47	47	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
1	M1	X	.272	.272	0	%100
2	M1	Z	157	157	0	%100
3	M2	X	.683	.683	0	%100
4	M2	Z	394	394	0	%100
5	M3	X	.272	.272	0	%100
6	M3	Z	157	157	0	%100
7	M4	X	3e-6	3e-6	0	%100
8	M4	Z	-2e-6	-2e-6	0	%100
9	M5	X	.464	.464	0	%100

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

,	Member Label	Direction	Start Magnitude[lb/ft	End Magnitude[lb/ft,F.	. Start Location[ft,%]	End Location[ft,%]
10	M5	Z	268	268	0	%100
11	M8	X	.604	.604	0	%100
12	M8	Z	349	349	0	%100
13	M9	X	1.086	1.086	0	%100
14	M9	Z	627	627	0	%100
15	M10	X	.685	.685	.0	%100
16	M10	Z	396	396	0	%100
17	M11	X	1.086	1.086	0	%100
18	M11	Z	627	627	0	%100
19	M12	X	.685	.685	0	%100
20	M12	Z	396	396	0	%100
21	M13	X	0	0	0	%100
22	M13	Z	0	0	0	%100
23	M16	X	0	0	0	%100
24	M16	Z	0	0	0	%100
25	M17	X	.272	.272	0	%100
26	M17	Z	157	157	Ō	%100
27	M18	X	3e-6	3e-6	Ō	%100
28	M18	Z	-2e-6	-2e-6	Ö	%100
29	M19	X	.272	.272	0	%100
30	M19	Z	157	157	0	%100
31	M20	X	.683	.683	Ö	%100
32	M20	Z	394	394	Ö	%100
33	M21	X	.464	.464	0	%100
34	M21	Z	268	268	0	%100 %100
35	M24	X	.604	.604	0	%100 %100
36	M24	Z	349	349	0	%100
37	MP1A	X	.516	.516	0	%100 %100
38	MP1A	Z	298	298	ő	%100 %100
39	MP2A	X	.516	.516	0	%100
40	MP2A	Z	298	298	0	%100 %100
41	MP3A	X	.516	.516	0	%100 %100
42	MP3A	Z	298	298	0	%100 %100
43	MP4A	X	.516	.516	0	%100 %100
44	MP4A	Z	298	298	0	
45	MP1C	X	.516	.516	0	%100 %100
46	MP1C	Z	298	298	0	%100 %100
47	MP2C	X	.516	.516	0	%100 %100
48	MP2C	Z	298	298	0	
49	MP3CA	X	.516	.516	0	%100 %100
50	MP3CA	Z	298	298	0	
51	MP4CA	X	.516	.516		%100
52	MP4CA	Z	298		0	%100
53	MP1B			298	0	%100
54	MP1B	Z	.516	.516	0	%100
55			298	298	0	%100
	MP2B	X	.516	.516	0	%100
56	MP2B		298	298	0	%100
57	MP3B	Z	.516	.516	0	%100
58	MP3B		298	298	0	%100
59	MP4B	X	.516	.516	0	%100
60	MP4B	Z	298	298	0	%100
61	MP3C	X	.516	.516	0	%100
62	MP3C	Z	298	298	0	%100
63	M61	X	.156	.156	0	%100
64	M61	Z	09	09	0	%100
65	M66	X	.624	.624	0	%100
66	M66	Z	361	361	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
67	M71	X	.156	.156	0	%100
68	M71	Z	09	09	0	%100
69	M82	X	.791	.791	00	%100
70	M82	Z	457	457	-0	%100
71	M83	X	.198	.198	0	%100
72	M83	Z	114	114	0	%100
73	M84	X	.198	.198	0	%100
74	M84	Z	114	114	0	%100
75	M86	X	.87	.87	0	%100
76	M86	Z	503	503	0	%100
77	M88	X	.224	.224	0	%100
78	M88	Z	129	129	0	%100
79	M90	X	.87	.87	0	%100
80	M90	Z	503	503	0	%100
81	MP4C	X	.516	.516	0	%100
82	MP4C	Z	298	298	0	%100
83	M95	X	.47	.47	0	%100
84	M95	Z	271	271	0	%100
85	M97	X	.47	.47	0	%100
86	M97	Z	271	271	0	%100
87	M99	X	.47	.47	0	%100
88	M99	Z	271	271	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft.	End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	.262	.262	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	.262	.262	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	.715	.715	0	%100
10	M5	Z	0	0	0	%100
11	M8	X	.93	.93	0	%100
12	M8	Z	0	0	0	%100
13	M9	X	.941	.941	0	%100
14	M9	Z	0	0	0	%100
15	M10	X	1.053	1.053	0	%100
16	M10	Z	0	0	0	%100
17	M11	X	.941	.941	0	%100
18	M11	Z	0	0	0	%100
19	M12	X	.265	.265	0	%100
20	M12	Z	0	0	0	%100
21	M13	X	.179	.179	0	%100
22	M13	Z	0	0	0	%100
23	M16	X	.232	.232	0	%100
24	M16	Z	0	0	0	%100
25	M17	X	.941	.941	0	%100
26	M17	Z	0	0	0	%100
27	M18	X	.265	.265	0	%100
28	M18	Z	0	0	0	%100
29	M19	X	.941	.941	0	%100
30	M19	Z	0	0	0	%100
31	M20	X	1.053	1.053	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,%]
32	M20	Z	0	0	0	%100
33	M21	X	.179	.179	0	%100
34	M21	Z	0	0	0	%100
35	M24	X	.232	.232	0	%100
36	M24	Z	0	0	0	%100
37	MP1A	X	.596	.596	0	%100
38	MP1A	Z	0	0	0	%100
39	MP2A	X	.596	.596	0	%100
40	MP2A	Z	0	0	0	%100
41	MP3A	X	.596	.596	0	%100
42	MP3A	Z	0	0	0	%100
43	MP4A	X	.596	.596	0	%100
44	MP4A	Z	0	0	0	%100
45	MP1C	X	.596	.596	0	%100
46	MP1C	Z	0	0	0	%100
47	MP2C	X	.596	.596	0	%100
48	MP2C	Z	0	0	0	%100
49	MP3CA	X	.596	.596	.0	%100
50	MP3CA	Z	0	0	0	%100
51	MP4CA	X	.596	.596	Ö	%100
52	MP4CA	Z	0	0	0	%100
53	MP1B	X	.596	.596	0	%100
54	MP1B	Z	0	0	0	%100
55	MP2B	X	.596	.596	Ö	%100
56	MP2B	Z	0	0	Ö	%100
57	MP3B	X	.596	.596	Ö	%100
58	MP3B	Z	0	0	ő	%100
59	MP4B	X	.596	.596	Ö	%100
60	MP4B	Z	0	0	0	%100
61	MP3C	X	.596	.596	0	%100
62	MP3C	Z	0	0	0	%100
63	M61	X	0	Ö	Ö	%100
64	M61	Z	0	Ö	Ö	%100
65	M66	X	.541	.541	0	%100
66	M66	Z	0	0	Ŏ	%100
67	M71	X	.541	.541	0	%100
68	M71	Z	0	0	Ö	%100
69	M82	X	.685	.685	0	%100
70	M82	Z	0	0	0	%100
71	M83	X	.685	.685	0	%100
72	M83	Z	0	0	0	%100
73	M84	X	0	0	0	%100
74	M84	Z	0	0	0	%100
75	M86	X	1.254	1.254	0	%100
76	M86	Z	0	0	0	%100
77	M88	X	.507	.507	0	%100 %100
78	M88	Z	0	0	0	%100
79	M90	X	.507	.507	0	%100
80	M90	Z	0	0	0	%100
81	MP4C	X	.596	.596	0	%100 %100
82	MP4C	Z	0	0	0	%100 %100
83	M95		.543	.543	0	%100
84	M95	X Z	.545	.545	0	%100 %100
85	M97	X	.543	.543	0	%100
86	M97	Z	0	0	0	%100 %100
87	M99	X	.543	.543	0	%100
88	M99	7	.545	0	0	%100 %100

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

	Member Label	Direction		End Magnitude[lb/ft,F,		End Location[ft,%]
1	M1	X	.272	.272	0	%100
2	M1	Z	.157	.157	0	%100
3	M2	X	3e-6	3e-6	0	%100
4	M2	Z	2e-6	2e-6	0	%100
5	M3	X	.272	.272	0	%100
6	M3	Z	.157	.157	0	%100
7	M4	X	.683	.683	0	%100
8	M4	Z	.394	.394	0	%100
9	M5	X	.464	.464	0	%100
10	M5	Z	.268	.268	0	%100
11	M8	X	.604	.604	0	%100
12	M8	Z	.349	.349	0	%100
13	M9	X	.272	.272	0	%100
14	M9	Z	.157	.157	0	%100
15	M10	X	.683	.683	0	%100
16	M10	Z	.394	.394	0	%100
17	M11	X	.272	.272	0	%100
18	M11	Z	.157	.157	0	%100
19	M12	X	3e-6	3e-6	0	%100
20	M12	Z	2e-6	2e-6	0	%100
21	M13	X	.464	.464	0	%100
22	M13	Z	.268	.268	0	%100
23	M16	X	.604	.604	0	%100
24	M16	Z	.349	.349	0	%100
25	M17	X	1.086	1.086	0	%100
26	M17	Z	.627	.627	0	%100
27	M18	X	.685	.685	0	%100
28	M18	Z	.396	.396	0	%100
29	M19	X	1.086	1.086	0	%100 %100
30	M19	Z	.627	.627	0	
31	M20	X	.685	.685	0	%100 %100
32	M20	Z	.396	.396	0	%100 %100
33	M21	X	0	0	0	%100
34	M21	Z	0	0	0	%100
35	M24	Z	0	0	0	%100 %100
36	M24			.516	0	%100
37	MP1A	Z	.516	.298	0	%100 %100
38	MP1A		.298 .516	.516	0	%100
39	MP2A	Z	.298	.298	0	%100 %100
40	MP2A		.516	.516	0	%100
41	MP3A MP3A	X	.298	.298	0	%100 %100
42		Z	.516	.516	0	%100 %100
43	MP4A MP4A	Z	.298	.298	0	%100
		X	.516	.516	0	%100 %100
45	MP1C	Z	.298	.298	0	%100
46	MP1C	X	.516	.516	0	%100
47	MP2C	Z	.298	.298	0	%100
48	MP2C		.516	.516	0	%100 %100
49	MP3CA	X Z	.298	.298	0	%100
50	MP3CA MP4CA	X	.516	.516	0	%100
51		Z	.298	.298	0	%100
52	MP4CA	X	.516	.516	0	%100
53	MP1B	Z	.298	.298	0	%100
54	MP1B MP2B		.516	.516	0	%100
55	MP2B	X 7	.298	.298	0	%100 %100
56	MP2B	X	.516	.516	0	%100 %100
57	MP3B		.310	.010		70100



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,%]
58	MP3B	Z	.298	.298	0	%100
59	MP4B	X	.516	.516	0	%100
60	MP4B	Z	.298	.298	0	%100
61	MP3C	X	.516	.516	0	%100
62	MP3C	Z	.298	.298	0	%100
63	M61	X	.156	.156	0	%100
64	M61	Z	.09	.09	0	%100
65	M66	X	.156	.156	0	%100
66	M66	Z	.09	.09	0	%100
67	M71	X	.624	.624	0	%100
68	M71	Z	.361	.361	0	%100
69	M82	X	.198	.198	0	%100
70	M82	Z	.114	.114	0	%100
71	M83	X	.791	.791	0	%100
72	M83	Z	.457	.457	0	%100
73	M84	X	.198	.198	0	%100
74	M84	Z	.114	.114	0	%100
75	M86	X	.87	.87	0	%100
76	M86	Z	.503	.503	0	%100
77	M88	X	.87	.87	0	%100
78	M88	Z	.503	.503	0	%100
79	M90	X	.224	.224	0	%100
80	M90	Z	.129	.129	0	%100
81	MP4C	X	.516	.516	0	%100
82	MP4C	Z	.298	.298	0	%100
83	M95	X	.47	.47	0	%100
84	M95	Z	.271	.271	0	%100
85	M97	X	.47	.47	0	%100
86	M97	Z	.271	.271	0	%100
87	M99	X	.47	.47	0	%100
88	M99	Z	.271	.271	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft.	End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.47	.47	0	%100
2	M1	Z	.815	.815	0	%100
3	M2	X	.132	.132	0	%100
4	M2	Z	.229	.229	0	%100
5	M3	X	.47	.47	0	%100
6	M3	Z	.815	.815	0	%100
7	M4	X	.526	.526	0	%100
8	M4	Z	.912	.912	0	%100
9	M5	X	.089	.089	0	%100
10	M5	Z	.155	.155	0	%100
11	M8	X	.116	.116	0	%100
12	M8	Z	.201	.201	0	%100
13	M9	X	0	0	0	%100
14	M9	Z	0	0	0	%100
15	M10	X	.131	.131	0	%100
16	M10	Z	.227	.227	0	%100
17	M11	X	0	0	0	%100
18	M11	Z	0	0	0	%100
19	M12	X	.131	.131	0	%100
20	M12	Z	.227	.227	Ö	%100
21	M13	X	.357	.357	Ö	%100
22	M13	Z	.619	.619	0	%100

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

	Member Label	Direction		End Magnitude[lb/ft,F		End Location[ft,%
23	M16	X	.465	.465	00	%100
24	M16	Z	.805	.805	0	%100
25	M17	X	.47	.47	00	%100
26	M17	Z	.815	.815	0	%100
27	M18	X	.526	.526	0	%100
28	M18	Z	.912	.912	0	%100
29	M19	X	.47	.47	0	%100
30	M19	Z	.815	.815	0	%100
31	M20	X	.132	.132	0	%100
32	M20	Z	.229	.229	0	%100
33	M21	X	.089	.089	0	%100
34	M21	Z	.155	.155	0	%100
35	M24	X	.116	.116	0	%100
36	M24	Z	.201	.201	0	%100
37	MP1A	X	.298	.298	0	%100
	MP1A	Z	.516	.516	0	%100
38		X	.298	.298	0	%100
39	MP2A	Z	.516	.516	0	%100
40	MP2A			.298	0	%100
41	MP3A	X	.298	.516	0	%100
42	MP3A	Z	.516			
43	MP4A	X	.298	.298	0	%100
44	MP4A	Z	.516	.516	0	%100
45	MP1C	X	.298	.298	0	%100
46	MP1C	Z	.516	.516	0	%100
47	MP2C	X	.298	.298	0	%100
48	MP2C	Z	.516	.516	0	%100
49	MP3CA	X	.298	.298	0	%100
50	MP3CA	Z	.516	.516	0	%100
51	MP4CA	X	.298	.298	0	%100
52	MP4CA	Z	.516	.516	0	%100
53	MP1B	X	.298	.298	00	%100
54	MP1B	Z	.516	516	0	%100
55	MP2B	X	.298	.298	0	%100
56	MP2B	Z	.516	.516	0	%100
57	MP3B	X	.298	.298	0	%100
58	MP3B	Z	.516	.516	0	%100
59	MP4B	X	.298	.298	0	%100
60	MP4B	Z	.516	.516	0	%100
61	MP3C	X	.298	.298	0	%100
62	MP3C	Z	.516	.516	Ö	%100
	M61	X	.27	.27	0	%100
63	M61	Z	.468	.468	0	%100
64				0	0	%100
65	M66	X Z	0	0	0	%100
66	M66		.27	.27	0	%100 %100
67	M71	X		.468	0	%100
68	M71	Z	.468			%100
69	M82	X	0	0	0	
70	M82	Z	0	0	0	%100 %100
71	M83	X	.343	.343	0	%100
72	M83	Z	.593	.593	0	%100
73	M84	X	.343	.343	0	%100
74	M84	Z	.593	.593	0	%100
75	M86	X	.254	.254	0	%100
76	M86	Z	.439	.439	0	%100
77	M88	X	.627	.627	0	%100
78	M88	Z	1.086	1.086	0	%100
79	M90	X	.254	.254	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,%]
80	M90	Z	.439	.439	0	%100
81	MP4C	X	.298	.298	0	%100
82	MP4C	Z	.516	.516	0	%100
83	M95	X	.271	.271	0	%100
84	M95	Z	.47	.47	0	%100
85	M97	X	.271	.271	0	%100
86	M97	Z	.47	.47	0	%100
87	M99	X	.271	.271	0	%100
88	M99	Z	.47	.47	0	%100

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

	Member Label	Direction		End Magnitude[lb/ft,F		End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	1.254	1.254	0	%100
3	M2	X	0	.0	.0	%100
4	M2	Z	.791	.791	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	1.254	1.254	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	.791	.791	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	0	0	0	%100
11	M8	X	0	0	0	%100
12	M8	Z	0	0	0	%100
13	M9	X	0	0	0	%100
14	M9	Z	.314	.314	0	%100
15	M10	X	0	0	0	%100
16	M10	Z	3e-6	3e-6	0	%100
17	M11	X	0	0	0	%100
18	M11	Z	.314	.314	0	%100
19	M12	X	0	0	0	%100
20	M12	Z	.788	.788	0	%100
21	M13	X	0	0	0	%100
22	M13	Z	.536	.536	0	%100
23	M16	X	0	0	0	%100
24	M16	Z	.697	.697	0	%100
25	M17	X	0	0	0	%100
26	M17	Z	.314	.314	0	%100
27	M18	X	0	0	0	%100
28	M18	Z	.788	.788	0	%100
29	M19	X	0	0	0	%100
30	M19	Z	.314	.314	0	%100
31	M20	X	0	0	0	%100
32	M20	Z	3e-6	3e-6	0	%100
33	M21	X	0	0	0	%100
34	M21	Z	.536	.536	0	%100
35	M24	X	0	0	0	%100
36	M24	Z	.697	.697	0	%100
37	MP1A	X	0	0	Ö	%100
38	MP1A	Z	.596	.596	Ŏ	%100
39	MP2A	X	0	0	Ô	%100
40	MP2A	Z	.596	.596	Ŏ	%100
41	MP3A	X	0	0	0	%100
42	MP3A	Z	.596	.596	Ů,	%100
43	MP4A	X	0	0	Ö	%100
44	MP4A	Z	.596	.596	ŏ	%100 %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,%]
45	MP1C	X	0	0	0	%100
46	MP1C	Z	.596	.596	0	%100
47	MP2C	X	0	0	0	%100
48	MP2C	Z	.596	.596	0	%100
49	MP3CA	X	0	0	0	%100
50	MP3CA	7	.596	.596	0	%100
51	MP4CA	X	0	0	0	%100
52	MP4CA	Z	.596	.596	0	%100
53	MP1B	X	0	0	0	%100
54	MP1B	Z	.596	.596	0	%100
55	MP2B	X	0	0	0	%100
56	MP2B	Z	.596	.596	0	%100
57	MP3B	X	0	0	0	%100
58	MP3B	Ž	.596	.596	0	%100
59	MP4B	X	0	0	0	%100
60	MP4B	Z	.596	.596	0	%100
61	MP3C	X	0	0	0	%100
62	MP3C	Z	.596	.596	0	%100
63	M61	X	0	0	0	%100
64	M61	Z	.721	.721	0	%100
65	M66	X	0	0	0	%100
66	M66	Z	.18	.18	0	%100
67	M71	X	0	0	0	%100
68	M71	Z	.18	.18	0	%100
69	M82	X	0	0	0	%100
70	M82	Z	.228	.228	Ö	%100
71	M83	X	0	0	0	%100
72	M83	Z	.228	.228	0	%100
73	M84	X	0	0	Ö	%100
74	M84	Z	.914	.914	Ö	%100
75	M86	X	0	0	0	%100
76	M86	Z	.258	.258	0	%100
77	M88	X	0	0	Ō	%100
78	M88	Z	1.005	1.005	0	%100
79	M90	X	0	0	0	%100
80	M90	Z	1.005	1.005	Ö	%100
81	MP4C	X	0	0	0	%100
82	MP4C	Ž	.596	.596	0	%100
83	M95	X	0	0	0	%100
84	M95	Z	.543	.543	Ö	%100
85	M97	X	0	0	0	%100
86	M97	Z	.543	.543	0	%100
87	M99	X	0	0	0	%100 %100
88	M99	Z	.543	.543	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft.%]
1	M1	X	47	47	0	%100
2	M1	Z	.815	.815	0	%100
3	M2	X	526	526	0	%100
4	M2	Z	.912	.912	0	%100
5	M3	X	47	47	0	%100
6	M3	Z	.815	.815	0	%100
7	M4	X	132	132	0	%100
8	M4	Z	.229	.229	0	%100
9	M5	X	089	089	0	%100

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

	Member Label	Direction		.End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
10	M5	Z	.155	.155	0	%100
11	M8	X	116	116	0	%100
12	M8	Z	.201	.201	0	%100
13	M9	X	47	47	0	%100
14	M9	Z	.815	.815	0	%100
15	M10	X	132	132	0	%100
16	M10	Z	.229	.229	0	%100
17	M11	X	47	47	0	%100
18	M11	Z	.815	.815	0	%100
19	M12	X	526	526	0	%100
20	M12	Z	.912	.912	0	%100
21	M13	X	089	089	0	%100
22	M13	Z	.155	.155	0	%100
23	M16	X	116	116	0	%100
24	M16	Z	.201	.201	0	%100
25	M17	X	0	0	0	%100
26	M17	Z	0	0	0	%100
27	M18	X	131	131	0	%100
28	M18	Z	.227	.227	0	%100
29	M19	X	0	0	0	%100
30	M19	Z	0	0	0	%100
31	M20	X	131	131	0	%100
32	M20	Z	.227	.227	0	%100
33	M21	X	357	357	0	%100
34	M21	Z	.619	.619	0	%100
35	M24	X	465	465	0	%100
36	M24	Z	.805	.805	0	%100
37	MP1A	X	298	298	0	%100
38	MP1A	Z	.516	.516	0	%100
39	MP2A	X	298	298	0	%100
40	MP2A	Z	.516	.516	0	%100
41	MP3A	X	298	298	0	%100
42	MP3A	Z	.516	.516	0	%100
43	MP4A	X	298	298	0	%100
44	MP4A	Z	.516	.516	0	%100
45	MP1C	X	298	298	0	%100
46	MP1C	Z	.516	.516	0	%100
47	MP2C	X	298	298	0	%100
48	MP2C	Z	.516	.516	0	%100
49	MP3CA	X	298	298	0	%100
50	MP3CA	Z	.516	.516	0	%100
51	MP4CA	X	298	298	0	%100
52	MP4CA	Z	.516	.516	0	%100
53	MP1B	X	298	298	0	%100
54	MP1B	Z	.516	.516	0	%100
55	MP2B	X	298	298	0	%100
56	MP2B	Z	.516	.516	0	%100
57	MP3B	X	298	298	0	%100
58	MP3B	Z	.516	.516	0	%100
59	MP4B	X	298	298	0	%100
60	MP4B	Z	.516	.516	0	%100
61	MP3C	X	298	298	0	%100
62	MP3C	Z	.516	.516	0	%100
63	M61	X	27	27	0	%100
64	M61	Z	.468	.468	0	%100
65	M66	X	27	27	0	%100
66	M66	Z	.468	.468	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft.	End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
67	M71	X	0	0	0	%100
68	M71	Z	0	0	0	%100
69	M82	X	343	343	0	%100
70	M82	Z	.593	.593	0	%100
71	M83	X	0	0	0	%100
72	M83	Z	0	0	0	%100
73	M84	X	343	343	0	%100
74	M84	Z	.593	.593	0	%100
75	M86	X	254	254	0	%100
76	M86	Z	.439	.439	0	%100
77	M88	X	254	254	0	%100
78	M88	Z	.439	.439	0	%100
79	M90	X	627	627	0	%100
80	M90	Z	1.086	1.086	0	%100
81	MP4C	X	298	298	0	%100
82	MP4C	Z	.516	.516	0	%100
83	M95	X	271	271	0	%100
84	M95	Z	.47	.47	0	%100
85	M97	X	271	271	0	%100
86	M97	Z	.47	.47	0	%100
87	M99	X	271	271	0	%100
88	M99	Z	.47	.47	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
1	M1	X	272	272	0	%100
2	M1	Z	.157	.157	0	%100
3	M2	X	683	683	0	%100
4	M2	Z	.394	.394	0	%100
5	M3	X	272	272	0	%100
6	M3	Z	.157	.157	0	%100
7	M4	X	-3e-6	-3e-6	0	%100
8	M4	Z	2e-6	2e-6	0	%100
9	M5	X	464	464	0	%100
10	M5	Z	.268	.268	0	%100
11	M8	X	604	604	0	%100
12	M8	Z	.349	.349	0	%100
13	M9	X	-1.086	-1.086	0	%100
14	M9	Z	.627	.627	0	%100
15	M10	X	685	685	0	%100
16	M10	Z	.396	.396	0	%100
17	M11	X	-1.086	-1.086	0	%100
18	M11	Z	.627	.627	0	%100
19	M12	X	685	685	0	%100
20	M12	Z	.396	.396	0	%100
21	M13	X	0	0	0	%100
22	M13	Z	0	0	0	%100
23	M16	X	0	0	0	%100
24	M16	Z	0	0	0	%100
25	M17	X	272	272	0	%100
26	M17	Z	.157	.157	0	%100
27	M18	X	-3e-6	-3e-6	0	%100
28	M18	Z	2e-6	2e-6	0	%100
29	M19	X	272	272	0	%100
30	M19	Z	.157	.157	0	%100
31	M20	X	683	683	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,%]
32	M20	Z	.394	.394	0	%100
33	M21	X	464	464	0	%100
34	M21	Z	.268	.268	0	%100
35	M24	X	604	604	0	%100
36	M24	Z	.349	.349	0	%100
37	MP1A	X	516	516	0	%100
38	MP1A	Z	.298	.298	0	%100
39	MP2A	X	516	516	0	%100
40	MP2A	Z	.298	.298	0	%100
41	MP3A	X	516	516	0	%100
42	MP3A	Z	.298	.298	0	%100
43	MP4A	X	516	516	0	%100
44	MP4A	Z	.298	.298	0	%100
45	MP1C	X	516	516	0	%100
46	MP1C	Z	.298	.298	0	%100
47	MP2C	X	516	516	0	%100
48	MP2C	Z	.298	.298	0	%100
49	MP3CA	X	516	516	0	%100
50	MP3CA	Z	.298	.298	0	%100
51	MP4CA	X	516	516	0	%100
52	MP4CA	Z	.298	.298	0	%100
53	MP1B	X	516	516	0	%100
54	MP1B	Z	.298	.298	Ö	%100
55	MP2B	X	516	516	0	%100
56	MP2B	Z	.298	.298	Ö	%100
57	MP3B	X	516	516	0	%100
58	MP3B	Z	.298	.298	0	%100
59	MP4B	X	516	516	0	%100
60	MP4B	Z	.298	.298	Ö	%100
61	MP3C	X	516	516	0	%100
62	MP3C	Z	.298	.298	0	%100
63	M61	X	156	156	0	%100
64	M61	Z	.09	.09	0	%100 %100
65	M66	X	624	624	0	%100 %100
66	M66	Z	.361	.361	Ö	%100
67	M71	X	156	156	0	%100
68	M71	Z	.09	.09	Ö	%100
69	M82	X	791	791	0	%100 %100
70	M82	Z	.457	.457	Ö	%100 %100
71	M83	X	198	198	0	%100
72	M83	Z	.114	.114	Ö	%100
73	M84	X	198	198	0	%100 %100
74	M84	Z	.114	.114	Ö	%100
75	M86	X	87	87	0	%100 %100
76	M86	Z	.503	.503	0	%100 %100
77	M88	X	224	224	0	%100
78	M88	Z	.129	.129	0	%100 %100
79	M90	X	87	87	0	%100 %100
80	M90	Z	.503	.503	0	%100 %100
81	MP4C	X	516	516	0	%100 %100
82	MP4C	Ž	.298	.298	0	%100 %100
83	M95	X				%100 %100
84		Z	47	47	0	
85	M95		.271	.271	0	%100 %100
86	M97	X	47 .271	47 .271	0	%100 %100
	M97				0	%100
87 88	M99	Z	47	47	0	%100
00	M99		.271	.271	0	%100



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

MGIII	Member Label	Direction		End Magnitude[lb/ft,F	Start Location[ft %]	End Location[ft,%]
1 1	M1		0	0	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	262	262	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	262	262	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	715	-,715	0	%100
10	M5	Z	0	0	0	%100
11	M8	X	93	93	0	%100
12	M8	Z	0	0	0	%100
13	M9	X	941	941	0	%100
14	M9	Z	0	0	0	%100
15	M10	X	-1.053	-1.053	0	%100
16	M10	Z	0	0	Ö	%100
17	M11	X	941	941	0	%100
18	M11	Z	0	0	Ö	%100
19	M12	X	265	265	0	%100
20	M12	Z	0	0	Ö	%100
21	M13	X	179	179	0	%100
22	M13	Z	0	0	0	%100
23	M16	X	232	232	0	%100
24	M16	Z	0	0	0	%100
25	M17	X	941	941	0	%100
26	M17	Z	0	0	Ö	%100
27	M18	X	265	265	0	%100
28	M18	Z	0	0	0	%100
29	M19	X	941	941	0	%100
30	M19	7	941	0	0	%100
31	M20	X	-1.053	-1.053	0	%100
32	M20	Z	0	0	0	%100
33	M21	X	179	179	0	%100
34	M21	Z	0	0	0	%100
	M24	X	232	232	0	%100
35		Ž	0	0	0	%100
36	M24		596	596	0	%100 %100
37	MP1A	X	596	590	0	%100
38	MP1A	X	596	596	0	%100
39	MP2A	Z	596	596	0	%100
40	MP2A		596	596	0	%100 %100
41	MP3A	Z	596	596	0	%100 %100
42	MP3A MP4A		596	596	0	%100 %100
43		Z	596	596	0	%100
44	MP4A		596	596	0	%100 %100
45	MP1C	X	596	596	0	%100 %100
46	MP1C			596	0	%100 %100
47	MP2C	X	596	596	0	%100
48	MP2C	Z	0		0	%100 %100
49	MP3CA	X	596	596 0	0	%100 %100
50	MP3CA		0	596	0	%100 %100
51	MP4CA	Z	596		0	%100 %100
52	MP4CA		0	0	0	%100 %100
53	MP1B	X	596	596	0	%100
54	MP1B	Z	506	0		%100 %100
55	MP2B	X	596	596	0	%100 %100
56	MP2B	Z	0	0		%100 %100
57	MP3B	X	596	596	00	76 100

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,%]
58	MP3B	Z	0	0	0	%100
59	MP4B	X	596	596	0	%100
60	MP4B	Z	0	0	0	%100
61	MP3C	X	596	596	0	%100
62	MP3C	Z	0	0	0	%100
63	M61	X	0	0	0	%100
64	M61	· Z	0	0	0	%100
65	M66	X	541	541	0	%100
66	M66	Z	0	0	0	%100
67	M71	X	541	541	0	%100
68	M71	Z	0	0	0	%100
69	M82	X	685	685	0	%100
70	M82	Z	0	0	0	%100
71	M83	X	685	685	0	%100
72	M83	Z	0	- 0	0	%100
73	M84	X	0	0	0	%100
74	M84	Z	0	0	0	%100
75	M86	X	-1.254	-1.254	0	%100
76	M86	Z	0	0	0	%100
77	M88	X	507	507	0	%100
78	M88	Z	0	0	0	%100
79	M90	X	507	507	0	%100
80	M90	Z	0	0	0	%100
81	MP4C	X	596	596	0	%100
82	MP4C	Z	0	0	0	%100
83	M95	X	543	543	0	%100
84	M95	Z	0	0	0	%100
85	M97	X	543	543	0	%100
86	M97	Z	0	0	0	%100
87	M99	X	543	543	0	%100
88	M99	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude(lb/ft,F	. Start Location[ft.%]	End Location[ft,%]
1	M1	X	272	272	0	%100
2	M1	Z	157	157	0	%100
3	M2	X	-3e-6	-3e-6	0	%100
4	M2	Z	-2e-6	-2e-6	0	%100
5	M3	X	272	272	0	%100
6	M3	Z	157	157	0	%100
7	M4	X	683	683	0	%100
8	M4	Z	394	394	0	%100
9	M5	X	464	464	0	%100
10	M5	Z	268	268	0	%100
11	M8	X	604	604	0	%100
12	M8	Z	349	349	Ö	%100
13	M9	X	272	272	0	%100
14	M9	Z	157	157	0	%100
15	M10	X	683	683	0	%100
16	M10	Z	394	394	0	%100
17	M11	X	272	272	0	%100
18	M11	Z	157	157	0	%100
19	M12	X	-3e-6	-3e-6	0	%100
20	M12	Z	-2e-6	-2e-6	0	%100
21	M13	X	464	464	0	%100
22	M13	Z	268	268	0	%100

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

	Member Label	Direction		End Magnitude[lb/ft,F		End Location[ft,%]
23	M16	X	604	604	0	%100
24	M16	Z	349	349	0	%100
25	M17	X	-1.086	-1.086	0	%100
26	M17	Z	627	627	0	%100
27	M18	X	685	685	0	%100
28	M18	Z	396	396	0	%100
29	M19	X	-1.086	-1.086	0	%100
30	M19	Z	627	627	0	%100
31	M20	X	685	685	0	%100
32	M20	Z	396	396	0	%100
33	M21	X	0	0	0	%100
34	M21	Z	0	0	0	%100
35	M24	X	0	0	0	%100
36	M24	Z	0	0	0	%100
37	MP1A	X	516	516	0	%100
38	MP1A	Z	298	298	0	%100
39	MP2A	X	516	516	0	%100
40	MP2A	Z	298	298	0	%100
41	MP3A	X	516	516	0	%100
42	MP3A	Z	298	298	0	%100
43	MP4A	X	516	516	0	%100
44	MP4A	Z	298	298	0	%100
45	MP1C	X	516	516	0	%100
46	MP1C	Z	298	298	0	%100
47	MP2C	X	516	516	0	%100
48	MP2C	Ž	298	298	Ö	%100
49	MP3CA	X	516	516	0	%100
50	MP3CA	Ž	298	298	0	%100
51	MP4CA	X	516	516	Ö	%100
52	MP4CA	Z	298	298	0	%100 %100
53	MP1B	X	516	516	0	%100 %100
54	MP1B	Ž	298	298	0	%100
	MP2B	X	516	516	0	%100
55		Ž	298	298	0	%100 %100
56	MP2B	X	516	516	0	%100 %100
57	MP3B	Ž	298	298	0	%100
58	MP3B			516	0	%100
59	MP4B	Z	516 298	298	0	%100 %100
60	MP4B			516	0	%100
61	MP3C	X	516		0	%100 %100
62	MP3C	Z	298	298	0	%100 %100
63	M61	X	156	156	0	
64	M61	Z	09	09		%100 %100
65	M66	Z	156	156	0	%100 %100
66	M66		09	09		
67	M71	X	624	624	0	%100
68	M71	Z	361	361	0	%100
69	M82	X	198	198	0	%100 %400
70	M82	Z	114	114	0	%100
71	M83	X	791	791	0	%100
72	M83	Z	457	457	0	%100
73	M84	X	198	198	0	%100
74	M84	Z	114	114	0	%100
75	M86	X	87	87	0	%100
76	M86	Z	503	-,503	0	%100
77	M88	X	87	87	0	%100
78	M88	Z	503	503	0	%100
79	M90	X	224	224	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	M90	Z	129	129	0	%100
81	MP4C	X	516	516	0	%100
82	MP4C	Z	298	298	0	%100
83	M95	X	47	47	0	%100
84	M95	Z	271	271	0	%100
85	M97	X	47	47	0	%100
86	M97	Z	271	271	0	%100
87	M99	X	47	47	0	%100
88	M99	Z	271	271	0	%100

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

	Member Label	Direction		End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
1	M1	X	47	47	0	%100
2	M1	Z	815	815	0	%100
3	M2	X	132	132	0	%100
4	M2	Z	229	229	0	%100
5	M3	X	47	47	0	%100
6	M3	Z	815	815	0	%100
7	M4	X	526	526	0	%100
8	M4	Z	912	912	0	%100
9	M5	X	089	089	0	%100
10	M5	Z	155	155	0	%100
11	M8	X	116	116	0	%100
12	M8	Z	201	201	0	%100
13	M9	X	0	0	0	%100
14	M9	Z	0	0	0	%100
15	M10	X	131	131	0	%100
16	M10	Z	227	227	0	%100
17	M11	X	0	0	0	%100
18	M11	Z	0	0	0	%100
19	M12	X	131	131	0	%100
20	M12	Z	227	227	0	%100
21	M13	X	357	357	0	%100
22	M13	Z	619	619	0	%100
23	M16	X	465	465	0	%100
24	M16	Z	805	805	0	%100
25	M17	X	47	47	0	%100
26	M17	Z	815	815	0	%100
27	M18	X	526	526	0	%100
28	M18	Z	912	912	0	%100
29	M19	X	47	47	0	%100
30	M19	Z	815	815	0	%100
31	M20	X	132	132	0	%100
32	M20	Z	229	229	0	%100
33	M21	X	089	089	0	%100
34	M21	Z	155	155	0	%100
35	M24	X	116	116	0	%100
36	M24	Z	201	201	Ö	%100
37	MP1A	X	298	298	0	%100
38	MP1A	Z	516	516	Ö	%100
39	MP2A	X	298	298	0	%100
40	MP2A	Z	516	516	Ö	%100 %100
41	MP3A	X	298	298	0	%100 %100
42	MP3A	Z	516	516	0	%100 %100
43	MP4A	X	298	298	0	%100 %100
44	MP4A	7	516	516	Ö	%100 %100



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

	Member Label	Direction		.End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%
45	MP1C	X	298	298	0	%100
46	MP1C	Z	516	516	0	%100
47	MP2C	X	298	298	0	%100
48	MP2C	Z	516	516	0	%100
49	MP3CA	X	298	298	0	%100
50	MP3CA	Z	-,516	516	0	%100
51	MP4CA	X	298	298	0	%100
52	MP4CA	Z	516	516	0	%100
53	MP1B	X	298	298	0	%100
54	MP1B	Z	516	516	0	%100
55	MP2B	X	298	298	0	%100
56	MP2B	Z	516	516	0	%100
57	MP3B	X	298	298	0	%100
58	MP3B	Z	516	516	0	%100
59	MP4B	X	298	298	0	%100
60	MP4B	Z	516	516	0	%100
61	MP3C	X	298	298	0	%100
62	MP3C	Z	516	516	0	%100
63	M61	X	27	27	0	%100
64	M61	Z	468	468	0	%100
65	M66	X	0	0	0	%100
66	M66	Z	0	0	0	%100
67	M71	X	27	27	0	%100
68	M71	Z	468	468	0	%100
69	M82	X	0	0	0	%100
70	M82	Z	0	0	0	%100
71	M83	X	343	343	0	%100
72	M83	Z	593	593	0	%100
73	M84	X	343	343	0	%100
74	M84	Z	593	593	0	%100
75	M86	X	254	254	0	%100
76	M86	Z	439	439	0	%100
77	M88	X	627	627	0	%100
78	M88	Z	-1.086	-1.086	0	%100
79	M90	X	254	254	0	%100
80	M90	Z	439	439	Ö	%100
81	MP4C	X	298	298	0	%100
82	MP4C	Z	516	516	0	%100
83	M95	X	271	271	0	%100
84	M95	Z	47	47	0	%100
85	M97	X	271	271	0	%100
86	M97	Z	47	47	0	%100
87	M99	X	271	271	0	%100
88	M99	Ž	47	47	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude[lb/ft,F.,	. Start Location[ft,%]	End Location[ft,%]
1	M1	Y	102	-3.017	0	2
2	M1	Y	-3.017	-4.935	2	4
3	M1	Y	-4.935	-4.659	4	6
4	M1	Y	-4.659	-4.659	6	8
5	M1	Y	-4.659	-4.935	8	10
6	M1	Y	-4.935	-3.017	10	12
7	M1	Y	-3.017	102	12	14
8	M2	Y	5	-2.435	0	1.923
9	M2	Y	-2.435	-4.37	1.923	3.845

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

	Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude[lb/ft,F.	. Start Location[ft,%]	End Location[ft.%]
10	M3	Υ	-5.056	-5.056	.013	7.32
11	M4	Y	-4.37	-2.435	0	1.923
12	M4	Υ	-2.435	5	1.923	3.845
13	M9	Y	-1.029	-2.633	0	2.333
14	M9	Υ	-2.633	-4.712	2.333	4.667
15	M9	Υ	-4.712	-5.988	4.667	7
16	M9	Y	-5.988	-4.712	7	9.333
17	M9	Y	-4.712	-2.633	9.333	11.667
18	M9	Y	-2.633	-1.029	11.667	14
19	M10	Y	5	-2.435	0	1.923
20	M10	Y	-2.435	-4.37	1.923	3.845
21	M11	Y	-5.056	-5.056	.013	7.32
22	M12	Y	-4.37	-2.435	0	1.923
23	M12	Y	-2.435	5	1.923	3.845
24	M17	Y	-1.029	-2.633	0	2.333
25	M17	Y	-2.633	-4.712	2.333	4.667
26	M17	Y	-4.712	-5.988	4.667	7
27	M17	Y	-5.988	-4.712	7	9.333
28	M17	Υ	-4.712	-2.633	9.333	11.667
29	M17	Y	-2.633	-1.029	11.667	14
30	M18	Y	5	-2.435	0	1.923
31	M18	Y	-2.435	-4.37	1.923	3.845
32	M19	Y	-5.056	-5.056	.013	7.32
33	M20	Y	-4.37	-2.435	0	1.923
34	M20	Y	-2.435	5	1.923	3.845

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

	Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
1	M1	Y	245	-7.268	0	2
2	M1	Y	-7.268	-11.887	2	4
3	M1	Υ	-11.887	-11.223	4	6
4	M1	Υ	-11.223	-11.223	6	8
5	M1	Υ	-11.223	-11.887	8	10
6	M1	Y	-11.887	-7.268	10	12
7	M1	Y	-7.268	245	12	14
8	M2	Y	-1.203	-5.865	0	1.923
9	M2	Y	-5.865	-10.526	1.923	3.845
10	M3	Y	-12.179	-12.179	.013	7.32
11	M4	Υ	-10.526	-5.865	0	1.923
12	M4	Y	-5.865	-1.203	1.923	3.845
13	M9	Y	-2.478	-6.342	0	2.333
14	M9	Y	-6.342	-11.349	2.333	4.667
15	M9	Y	-11.349	-14.425	4.667	7
16	M9	Y	-14.425	-11.349	7	9.333
17	M9	Y	-11.349	-6.342	9.333	11.667
18	M9	Y	-6.342	-2.478	11.667	14
19	M10	Y	-1.203	-5.865	0	1.923
20	M10	Y	-5.865	-10.526	1.923	3.845
21	M11	Y	-12.179	-12.179	.013	7.32
22	M12	Y	-10.526	-5.865	0	1.923
23	M12	Y	-5.865	-1.203	1.923	3.845
24	M17	Y	-2.478	-6.342	0	2.333
25	M17	Y	-6.342	-11.349	2.333	4.667
26	M17	Y	-11.349	-14.425	4.667	7
27	M17	Y	-14.425	-11.349	7	9.333
28	M17	Y	-11.349	-6.342	9.333	11.667



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

	Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
29	M17	Υ	-6.342	-2.478	11.667	14
30	M18	Υ	-1.203	-5.865	0	1.923
31	M18	Y	-5.865	-10.526	1.923	3.845
32	M19	Υ	-12.179	-12.179	.013	7.32
33	M20	Y	-10.526	-5.865	0	1.923
34	M20	Y	-5.865	-1.203	1.923	3.845

Member Distributed Loads (BLC 89 : BLC 84 Transient Area Loads)

	Member Label	Direction	Start Magnitude[lb/ft	End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
1	M1	Y	004	117	0	2
2	M1	Y	117	192	2	4
3	M1	Y	192	181	4	6
4	M1	Y	181	181	6	8
5	M1	Y	181	192	8	10
6	M1	Y	192	-,117	10	12
7	M1	Y	117	004	12	14
8	M2	Y	019	095	0	1.923
9	M2	Y	095	17	1.923	3.845
10	M3	Y	196	196	.013	7.32
11	M4	Y	17	095	0	1.923
12	M4	Y	095	019	1.923	3.845
13	M9	Y	04	102	0	2.333
14	M9	Y	102	183	2.333	4.667
15	M9	Y	183	233	4.667	7
16	M9	Y	233	183	7	9.333
17	M9	Y	183	102	9.333	11.667
18	M9	Y	102	04	11.667	14
19	M10	Y	019	095	0	1.923
20	M10	Y	095	17	1.923	3.845
21	M11	Y	196	196	.013	7.32
22	M12	Υ	17	095	0	1.923
23	M12	Y	095	019	1.923	3.845
24	M17	Y	04	102	0	2.333
25	M17	Y	102	183	2.333	4.667
26	M17	Y	183	233	4.667	7
27	M17	Y	233	183	7	9.333
28	M17	Y	183	102	9.333	11.667
29	M17	Y	102	04	11.667	14
30	M18	Y	019	095	0	1.923
31	M18	Y	095	17	1.923	3.845
32	M19	Y	196	196	.013	7.32
33	M20	Y	17	095	0	1.923
34	M20	Y	095	019	1.923	3.845

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

	Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
1	M1	Z	01	293	0	2
2	M1	Z	293	479	2	4
3	M1	Z	479	452	4	6
4	M1	Z	452	452	6	8
5	M1	Z	452	479	8	10
6	M1	Z	479	293	10	12
7	M1	Z	293	01	12	14
8	M2	Z	049	236	0	1.923
9	M2	Z	236	424	1.923	3.845
10	M3	Z	491	491	.013	7.32

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

	Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
11	M4	Z	424	236	0	1.923
12	M4	Z	236	049	1.923	3.845
13	M9	Z	# ₂ 1	256	0	2.333
14	M9	Z	256	458	2.333	4.667
15	M9	Z	458	582	4.667	7
16	M9	Z	582	458	7	9.333
17	M9	Z	458	256	9.333	11.667
18	M9	Z	256	-1	11.667	14
19	M10	Z	049	236	0	1.923
20	M10	Z	236	424	1.923	3.845
21	M11	Z	491	491	.013	7.32
22	M12	Z	424	236	0	1.923
23	M12	Z	236	049	1.923	3.845
24	M17	Z	-,1	256	0	2.333
25	M17	Z	256	458	2.333	4.667
26	M17	Z	458	582	4.667	7
27	M17	Z	582	458	7	9.333
28	M17	Z	458	256	9.333	11.667
29	M17	Z	256	1	11.667	14
30	M18	Z	049	236	0	1.923
31	M18	Z	236	424	1.923	3.845
32	M19	Z	491	491	.013	7.32
33	M20	Z	424	236	0	1.923
34	M20	Z	236	049	1.923	3.845

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

	Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude(lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
1	M1	X	.01	.293	0	2
2	M1	X	.293	.479	2	4
3	M1	X	.479	.452	4	6
4	M1	X	.452	.452	6	8
5	M1	X	.452	.479	8	10
6	M1	X	.479	.293	10	12
7	M1	Х	.293	.01	12	14
8	M2	X	.049	.236	0	1.923
9	M2	X	.236	.424	1.923	3.845
10	M3	X	.491	.491	.013	7.32
11	M4	X	.424	.236	0	1.923
12	M4	X	.236	.049	1.923	3.845
13	M9	X	.1	.256	0	2.333
14	M9	X	.256	.458	2.333	4.667
15	M9	X	.458	.582	4.667	7
16	M9	X	.582	.458	7	9.333
17	M9	X	.458	.256	9.333	11.667
18	M9	X	.256		11.667	14
19	M10	X	.049	.236	0	1.923
20	M10	X	.236	.424	1.923	3.845
21	M11	X	.491	.491	.013	7.32
22	M12	X	.424	.236	0	1.923
23	M12	X	.236	.049	1.923	3.845
24	M17	X	.1	.256	0	2.333
25	M17	X	.256	.458	2.333	4.667
26	M17	X	.458	.582	4.667	7
27	M17	X	.582	.458	7	9.333
28	M17	X	.458	.256	9.333	11.667
29	M17	X	.256	.1	11.667	14



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

	Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft.%]
30	M18	X	.049	.236	0	1.923
31	M18	X	.236	.424	1.923	3.845
32	M19	X	.491	.491	.013	7.32
33	M20	X	.424	.236	0	1.923
34	M20	X	.236	.049	1.923	3.845

Member Area Loads (BLC 39 : Structure D)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N3	N6	N5	N2	Y	Two Way	005
2	N13	N16	N15	N12	Y	Two Way	005
3	N23	N26A	N25	N22	Y	Two Way	005

Member Area Loads (BLC 40 : Structure Di)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N3	N6	N5	N2	Y	Two Way	013
2	N13	N16	N15	N12	Y	Two Way	013
3	N23	N26A	N25	N22	Y	Two Way	013

Member Area Loads (BLC 84: Structure Ev)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N3	N6	N5	N2	Y	Two Way	000202
2	N13	N16	N15	N12	Y	Two Way	000202
3	N23	N26A	N25	N22	Y	Two Way	000202

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

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N3	N6	N5	N2	Z	Two Way	000505
2	N13	N16	N15	N12	Z	Two Way	000505
3	N23	N26A	N25	N22	Z	Two Way	000505

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

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N3	N6	N5	N2	X	Two Way	.000505
2	N13	N16	N15	N12	X	Two Way	.000505
3	N23	N26A	N25	N22	X	Two Way	.000505

Envelope Joint Reactions

	Joint		X [Ib]	LC	Y [lb] LC	Z [lb]	LC	MX [k-ft]	LC	MY [k-ft]	LCI	MZ [LC
1	N7	m	1993.286	9	1825.589 21	1238.48	3 1	993	1	1.565		.455	
2		m	-2149.071	3	449.76 68	-1231.27	8 7	-4.14	19	-1.672		539	
3	N17	m	1698.939	10	1823.458	1848.70	9 1	1.99	13	1.694	5	3.733	16
4		m	-1696.684	4	443.57 64	-1954.01	7	.136	7	-1.627	11	.739	10
5	N27	m	1436,009	10	1601.794 24	1843.102	2 1	2.143	13			791	
6		m.,	-1468.738	4	403.119 72	-1797.08	7 7	.375	7	-1.456	6	-3.261	22
7	N134	m	62.458	10	1387.454 13	-874.546	70	0	75	0	4	0	10
8		m	-62.431	4	340.586 70	-3551.92	9 13	0	1	0	10	0	4
9	N136	m	-740.175	66	1399.131 21	1791.668	3 21	0	6	0	48	0	48
10		m.,	-3103.644	21	333.291 66	427.334	66	001	48	0	6	0	6
11	N137	m	3362,417	17	1508.564 17	1941.56	17	0	. 8	0	8	0	8
12		m	806.612	74	361.465 74	465.709	74	0	2	0	2	0	2
13	Totals:	m	4783.55	10	9434.923 18	4650.81	1						
14		m	-4783.55	4	2373.551 75	-4650.80	4 7						

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

	CIOPO MIO	O rounjour	10/. LIVI D OLCO	,, O O G	<u>o oncono</u>								
	Member Sha		Check Loc[f		Shear Check	L	Dir				phi*Mn y	phi*Mn .	Eqn
1	M1 L3X3		64 2.77	1 47	.130	7	Z			57672	2.015	4.396	H2-1
2	M2 L3X3	3X5 .2:	38 0	14	.034		Z	18	41471	57672	2.015	4.572	H2-1
3	M3 L3X3	3X5 .13	31 3.66	7 18	.016	3	Z	14	17649	57672	2.015	4.294	H2-1
4	M4 L3X3	3X5 .24	41 3.84	5 24	.040	2	Z	43	41471	57672	2.015	4.572	H2-1
5	M5 HSS	424	41 0	18	.077	0	Z	9			19.285	19.285	H1
6	M8 HSS	41	58 0	16	.057	0	v	17		121302	16.25	16.25	H1
7	M9 L3X3	3X5 .38	80 0	15	.120	7	z	15	19170	57672	2.015	2.99	1 H2-1
8	M10 L3X3	3X5 .2	14 0	22	.031		Z			57672	2.015	4.572	H2-1
9	M11 L3X3	3X5 .1:	32 3.66		.016	3	z			57672	2.015	4.316	H2-1
10	M12 L3X3		63 3.845		.037	2	z			57672	2.015	4.572	H2-1
11	M13 HSS		47 0	17	.084	0	z				19.285	19.285	
12	M16 HSS		62 0	18	.058	0	V			121302	16.25	16.25	H1
13	M17 L3X3		46 14	22	.079	7	z		19170		2.015	2.99	1 H2-1
14	M18 L3X3		20 0	18	.035	1	Z		41471		2.015	4.572	H2-1
15	M19 L3X3		24 3.667		.016	3	z			57672	2.015	4.314	H2-1
16	M20 L3X3		36 3.84		.034	2	Z		41471		2.015	4.572	H2-1
17	M21 HSS		23 0	24	.067	0	Z	1			19.285		
18	M24 HSS	41:		14	.055	0	V	21	11990		16.25	16.25	H1
19	MP1A PIPE		16 2.875		.066		-		20866		1.872	1.872	H1
20	MP2A PIPE		38 2.875		.055	1				32130	1.872	1.872	H1
21	MP3A PIPE				.066	2				32130	1.872	1.872	H1
22	MP4A PIPE				.049	2			20866		1.872	1.872	H1
23	MP1C PIPE		36 2.875		.038	1				32130	1.872	1.872	H1
24	MP2C PIPE		38 2.87		.052	1			20866		1.872	1.872	H1
25	MP3CA PIPE		55 2.875		.106	2			20866		1.872	1.872	H1
26	MP4CA PIPE		35 2.875		.093		5		20866		1.872	1.872	H1
27	MP1B PIPE		48 2.87		.062					32130	1.872	1.872	H1
28	MP2B PIPE		79 2.875		.046					32130	1.872	1.872	H1
29	MP3B PIPE		73 2.875		.064	2			20866		1.872	1.872	H1
30	MP4B PIPE				.045	2			20866		1.872	1.872	H1
31	MP3C PIPE	09	99 5	11	.049	1				32130	1.872	1.872	H1
32	M61 PIPE	.08	6.188		.046	1				50715	3.596		1 H1
33	M66 PIPE	.10			.057	1				50715	3.596		1 H1
34	M71 PIPE	06	68 10.12		.040	2				50715	3.596	3.596	1 H1
35	M82 L3X3	3X4 .12	20 2.178	3 7	.060	2	V	44	42001	46656	1.688	3.756	H2-1
36	M83 L3X3	3X4 .1!	57 2.178	3 15	.034	2	V			46656	1.688	3.756	H2-1
37	M84 L3X3			15	.029	0	v		42001		1.688	3.756	H2-1
38	M86 LL3x				.004	0	V			70632	6.362	3.751	1 H1
39	M88 LL3x				.007	0	V			70632	6.362	3.751	1 H1
40	M90 LL3x				.005	0	V			70632	6.362		1 H1
41	MP4C PIPE			5	.034	1	-		20866		1.872	1.872	H1
42	M95 PIPE			7	.016	3	80	7		32130	1.872	1.872	
43	M97 PIPE		58 3	1	.016	3		1	26521		1.872	1.872	H1
44	M99 PIPE			12	.003	3					1.872		H1
14.54	IVIDD I II L	0.	2 3	12	.003	13		IZ	2002 1	UZ IJU	1.012	1.012	testi i i ze

VzW SMART Tool[©] Vendor

Client:	Verizon Wireless	Date: 7/20/2023
Site Name:	BLOOMFIELD 3 CT	
PSLC#:	5000383112	
Fuze ID #:	17123874'	Page: 2
		11 1 10

Version 1.01

Tower Connection Weld Checks

Weld Shape:

Weld Stiffener Configuration: Stiffener Notch Present? Stiffener Length, I (in):

Stiffener Spacing/Width, s (in):

Stiffener Notch Length, n (in):

Weld Size (1/16 in):

W1 (in):
W2 (in):
Weld Total Length (in):
Z_x (in³/in):

 Z_y (in³/in):

 J_{D} (in⁴/in):

c_x (in) c_y (in)

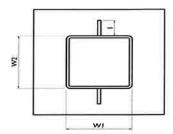
Required combined strength (kip/in):

Weld Capacity (kip/in):

Weld Utilization:

- 9	es		

Rectangle
(1) Stiffener on top/bottom
Yes
3
0.25
5
4
4
28.00
59.62
21.33
286.33
5.25
5.25
1.00
6.96
14.3%







Colliers Engineering & Design 20 Alexander Drive, 2nd Floor Wallingford, CT 06942 856.797.0412 peter.albano@collierseng.com

Post-Modification Antenna Mount Analysis Report and PMI Requirements

Mount Fix

SMART Tool Project #: 10203517 Colliers Engineering & Design Project #: 21777224 (Rev 1)

June 9, 2023

Site Information

Site ID:

5000383112-VZW / BLOOMFIELD 3 CT

Site Name:

BLOOMFIELD 3 CT Verizon Wireless

Carrier Name: Address:

785 New Park Ave

Bloomfield, Connecticut 06002

Hartford County

Latitude:

41.828486°

Longitude:

-72.733233°

Structure Information

Tower Type:

137-Ft Monopole

Mount Type:

14.00-Ft Platform

FUZE ID # 16272375

Analysis Results

Platform: 45.7% Pass w/ Modifications*

*Antennas and equipment to be installed in compliance with PMI Requirements of this mount analysis.

***Contractor PMI Requirements:

Included at the end of this MA report
Available & Submitted via portal at https://pmi.vzwsmart.com
For additional questions and support, please reach out to:
pmisupport@colliersengineering.com

Report Prepared By: Vincent DiGirolamo

June 9, 2023 Site ID: 5000383112-VZW / BLOOMFIELD 3 CT Page | 2

Executive Summary:

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

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

Sources of Information:

Document Type	Remarks			
Radio Frequency Data Sheet (RFDS)	Verizon RFDS Site ID: 674845 Dated April 20, 2023			
Construction Drawings	All-Points Site Name: BLOOMFIELD 3 CT Dated August 6, 2021			
Mount Mapping Report	RKS Design & Engineering, LLC Site ID: VZW:468782 Dated October 24, 2021			
Previous Mount Analysis	Maser Consulting Connecticut, Project #: 21777224A Dated November 3, 2021			
Mount Modification Drawings	Colliers Engineering & Design Project #: 21777224 Dated June 9, 2023			

Analysis Criteria:

Codes and Standards:	ANSI/TIA-222-H
COURS AND STANDARDS	ANOLHA-///-

2022 Connecticut State Building Code (CSBC), Effective October 1, 2022

Wind Parameters:	Basic Wind Speed (Ultimate 3-sec. Gust), VULT:	120 mph
	Ice Wind Speed (3-sec. Gust):	50 mph
	Design Ice Thickness:	1.50 in
	Risk Category:	II
	F	•

Exposure Category:

C Topographic Category:

Topographic Feature Considered:

Topographic Method:

N/A

Topographic Method:

Ground Elevation Factor, K_e:

1

0.996

Seismic Parameters: S_s : 0.181 g S_1 : 0.055 g

Maintenance Parameters: Wind Speed (3-sec. Gust): 30 mph

Maintenance Load, Lv: 250 lbs.
Maintenance Load, Lm: 500 lbs.

Analysis Software: RISA-3D (V17)

June 9, 2023 Site ID: 5000383112-VZW / BLOOMFIELD 3 CT Page | 3

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	
		1	Raycap	RVZDC-4520-RM-48		
		2	Raycap	RVZDC-3315-PF-48		
		3	Samsung	MT6407-77A	Added	
		3	Samsung	RF4439d-25A		
105.00	105.00	3	Samsung	RF4440d-13A		
		1	Amphenol	BXA-80063-4BF-EDIN-0		
	1		1 Amphenol Antel BXA-80080-4CF-EDIN-0		BXA-80080-4CF-EDIN-0	Retained
		1	Amphenol Antel	BXA-80080-6CF-EDIN-2	Retained	
		6	Andrew	SBNHH-1D65B		

Any proposed antennas note currently installed should be mounted such that the centerline of the antennas does not exceed 6 inches vertically from the center of the antenna mounts.

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

Model Number	Ports	AKA
RC3DC-4750-PF-48	6	OVP-6
RHSDC-6627-PF-48	12	OVP-12

Standard Conditions:

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

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

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

3. For mount analyses completed from other data sources (including new replacement mounts) and not specifically mapped in accordance with the NSTD-446 Standard, the mounts are assumed to have been properly fabricated, installed and maintained in good condition, twist free and plumb in accordance with its original design and manufacturer's specifications.

- 4. All member connections are assumed to have been designed to meet or exceed the load carrying capacity of the connected member unless otherwise specified in this report.
- 5. The mount was checked up to, and including, the bolts that fasten it to the mount collar/attachment and threaded rod connections in collar members if applicable. Local deformation and interaction between the mount collar/attachment and the supporting tower structure are outside the scope of this analysis.
- 6. All services are performed, results obtained, and recommendations made in accordance with generally accepted engineering principles and practices. Colliers Engineering & Design is not responsible for the conclusion, opinions, and recommendations made by others based on the information supplied.
- 7. Structural Steel Grades have been assumed as follows, if applicable, unless otherwise noted in this analysis:

0 Channel, Solid Round, Angle, Plate ASTM A36 (Gr. 36)

HSS (Rectangular) 0

ASTM 500 (Gr. B-46)

Pipe 0

ASTM A53 (Gr. B-35)

Threaded Rod 0

F1554 (Gr. 36)

Bolts

ASTM A325

8. Any mount modifications listed under Sources of Information are assumed to have been installed per the design specifications.

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

Analysis Results:

Component	Utilization %	Pass/Fail
Back Standoff HSS	25.1	Pass
Platform Angle	45.7	Pass
Mount Pipe	37.2	Pass
Front Standoff HSS	16.4	Pass
MOD Support Rail	10.1	Pass
MOD Corner Angle	15.7	Pass
MOD Kicker	9.2	Pass
Mount Connection	14.5	Pass

Structure Rating – (Controlling Utilization of all Components)	45.7%	- 1

Mount Steel (EPA)a per ANSI/TIA-222-H Section 2.6.11.2:

Ice	Mount Pipe	s Excluded	Mount Pipes Included						
Thickness (In)	Front (EPA)a (Sq. Ft.)	Side (EPA)a (Sq. Ft.)	Front (EPA)a (Sq. Ft.)	Side (EPA)a (Sq. Ft.)					
0	37.6	37.6	52.6	52.6					
0.5 47.3		47.3	68.5	68.5					
1	56.2	56.2	83.7	83.7					

- (EPA)a values listed above may be used in the absence of more precise information
- (EPA)a values in the table above include 4 sector(s).
- Ka factors included in (EPA)a calculations

June 9, 2023 Site ID: 5000383112-VZW / BLOOMFIELD 3 CT Page | 5

Requirements:

The existing mounts will be **SUFFICIENT** for the final loading configuration (attachment 2) after the modifications detailed in attachment 3 are successfully completed.

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

Attachments:

- 1. Contractor Required PMI Report Deliverables
- 2. Antenna Placement Diagrams
- 3. Mount Modification Drawings
- 4. Mount Photos
- 5. Mount Mapping Report (for reference only)
- 6. Analysis Calculations

Mount Desktop - Post Modification Inspection (PMI) Report Requirements

Documents & Photos Required from Contractor – Mount Modification

Electronic pdf version of this can be downloaded at https://pmi.vzwsmart.com
For additional questions and support, please reach out to pmisupport@colliersengineering.com

PSLC #: 5000383112

SMART Project #: 10203517

Fuze Project ID: 16272375

<u>Purpose</u> – to upload the proper documentation to the SMART Tool in order to allow the SMART Tool engineering vendor to complete the required Mount Desktop review of the Post Modification Inspection Report.

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

Base Requirements:

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

Photo Requirements:

- Photos taken at ground level
 - o Photo of Gate Signs showing the tower owner, site name, and number.
 - Overall tower structure after installation of the modifications.
 - Photos of the mount after installation of the modifications; if the mounts are at different rad elevations, pictures must be provided for all elevations that the modifications were installed

Photos taken at Mount Elevation

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

- o Photos showing each individual sector after installation of modifications. Each entire sector must be in one photo to show the interconnection of members.
 - These photos shall also certify that the placement and geometry of the equipment on the mount is as depicted in the antenna placement diagram in this form.
- Photos that show the model number of each antenna and piece of equipment installed per sector.
- Photos of each installed modification per the modification drawings; pictures shall also include connection hardware (U-bolts, bolts, nuts, all-threaded rods, etc.)
- Photos showing the distances (relative distance between collars) of the installed modifications from the appropriate reference locations shown in the modification drawings.
- Photos showing the installed modifications onto the tower (i.e. ring/collar mounts, tie-backs, V-bracing kits, etc.); if the existing mount elevation needs to be changed according to the modification drawings, an elevation measurement shall be provided before the elevation change.

Material Certification:

- Materials utilized must be as per specification on the drawings or the equivalent as validated by the SMART Tool vendor.
 - o If the materials are as specified on the drawings
 - The contractor shall provide the packing list, or the materials certifications for the materials utilized to perform the mount modification
 - Commscope, Metrosite, Perfect Vision, Sabre, and Site Pro have all agreed to support Verizon vendors with the necessary material certifications
 - If seeking permission to use an equivalent
 - It is required that the SMART Tool engineering vendor approval of such is included in the contractor submission package. There may be an additional charge for approval if the equivalent submission doesn't meet specifications as prescribed in the drawings.

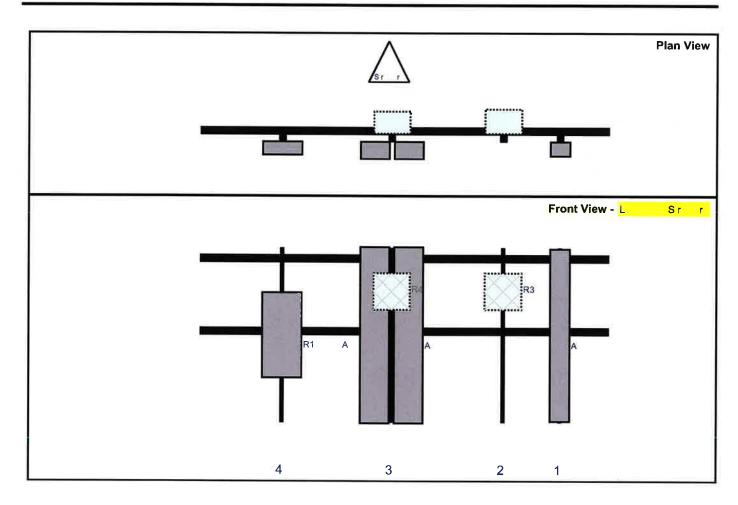
presembed in the drawings.
\square All hardware has been properly installed, and the existing hardware was inspected.
\square The material utilized was as specified on the SMART Tool engineering vendor Mount Modification Drawings and included in the material certification folder is a packing list or invoice for these materials.
OR
☐ The material utilized was approved by a SMART Tool engineering vendor as an "equivalent" and this approval is included as part of the contractor submission.
Antenna & Equipment Placement and Geometry Confirmation:
☐ The contractor certifies that the photos support and the equipment on the mount is as depicted on the sketch and table included in this form and with the mount analysis provided.

\Box The contractor notes that the equipment on the mount is not in accordance with the sketch and has noted the differences below and provided photo documentation of any alterations.
Comments:
Was the mount modification completed in conjunction with the equipment change / installation?
□ Yes □ No
Special Instructions / Validation as required from the MA or Mod Drawings:
<mark>Issue:</mark>
Contractor shall inspect climbing facilities and safety climb and ensure they are in good condition. Contractor shall install safety climb wire rope guides in locations where wire rope is rubbing against the mount or mount-to-tower connection steel. Wire brush clean any observed corrosion and protect with two (2) coats of cold galvanization (Zinga or Zinc Kote). Contractor shall provide photos of wire rope guide installation as part of PMI documents. Contact EOR if additional guidance is required. Contractor shall inspect all mount bolts and replace any damaged or missing members as needed.
Contractor shall inspect all mount bots and replace any damaged of missing members as needed.
Response:
Special Instruction Confirmation:
\square The contractor has read and acknowledges the above special instructions.
Comments:
Contractor certifies that the climbing facility / safety climb was not damaged prior to starting work:
□ Yes □ No
Contractor certifies no new damage created during the current installation:
□ Yes □ No
Contractor to certify the condition of the safety climb and verify no damage when leaving the site:
☐ Safety Climb in Good Condition ☐ Safety Climb Damaged

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tifying Individual:	
Company:	
Company: Employee Name:	
Employee Name:	

Structure: 5000383112-VZW - BLOOMFIELD 3 CT

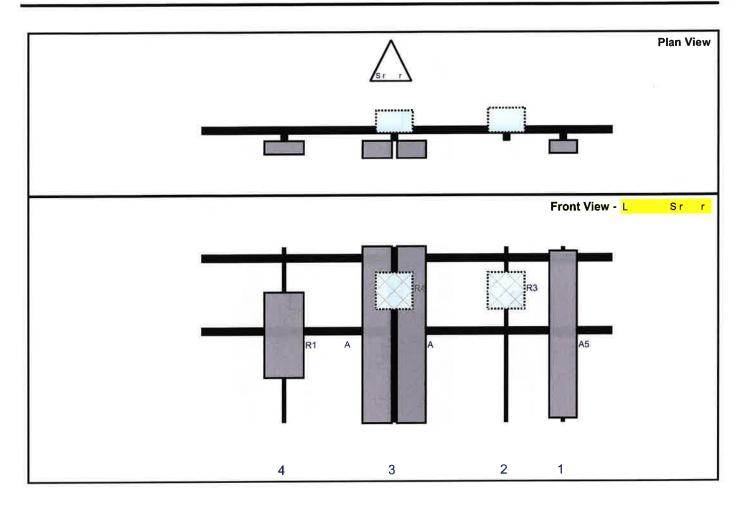
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Structure: 5000383112-VZW - BLOOMFIELD 3 CT

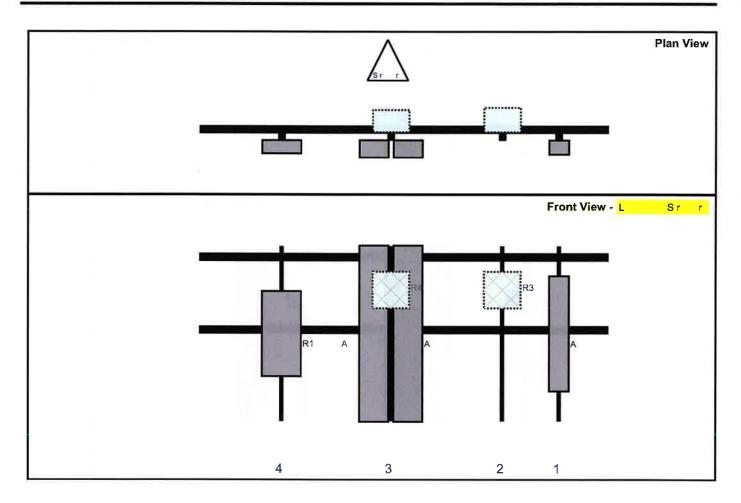
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Structure: 5000383112-VZW - BLOOMFIELD 3 CT

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MOUNT MODIFICATION DRAWINGS **EXISTING 14.00' PLATFORM**

Verizon

Colliers & Design

Appendix and interest the second by the second seco Congliaments Company

www.colliersengineering.com

TOWER OWNER SITE NUMBER: N/A TOWER OWNER: N/A

CARRIER SITE NAME: BLOOMFIELD 3 CT CARRIER SITE NUMBER: 5000383112 FUZE ID: 16272375

BLOOMFIELD, CT 06002 HARTFORD COUNTY 785 NEW PARK AVE

LONGITUDE: 72.733233° W LATITUDE: 41.828486° N

COMPANY: CONTACT: PHONE FMAIL: COMPANY: **DESIGN CRITERIA** BASIC WIND SPEED (3 SECOND GUST), V = 120 MPH EXPOSURE CATEGORY C TOPOGRAPHIC CATEGORY I SEISMIC DESIGN CATEGORY B SHORT TERM MCER GROUND MOTION, $S_5=0.181$ LONG TERM MCER GROUND MOTION, $S_6=0.055$ CE WIND SPEED (3 SECOND GUST), V = 50 MPH CE THICKNESS = 1,50 IN MEAN BASE ELEVATION (AMSL) = 118.67 SEISMICLOADS ICE LOADS

SHEET INDEX SGN-I GENERAL NOTES SCI-I CLIMBING FACILITY DETAIL SS-I MODIFICATION DETAILS SS-2 MOUNT PHOTOS COLLIENS ENGINEERING & DESIGN PETER ALBANO 856,797.041.2 PETER ALBANO@COLLIENSENGINEERING COM PROJECT INFORMATION VERIZON WIRELESS CLIENT REPRESENTATIVE PROJECT MANAGER APPLICANT/LESSEE

HTTPS.JPHIVZWSMART.COM MART TOOL FROJECT # 1000517 WZW.LOCATON CODE (PSLC): 5000991112 6970033

TITLE SHEET

785 NEW PARK AVE BLOOMFIELD, CT 06002 HARTFORD COUNTY BLOOMFIELD 3 CT 5000383112

SITE NAME:

ST-1

COLLERS ENGINEERING & DESIGN
ALL RIGHTS RESERVED

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			B	BILL OF MATERIALS		
			SE	SECTION I - VZWSMART KITS		
QUANTITY	MANUFACTURER	PART NUMBER	DESCRIPTION	NOTES	UNIT WEIGHT (LBS.)	WEIGHT (LBS.)
1		VZWSMART-PLK3	SUPPORT RAIL CORNER BRACKET		2	8
1		VZWSMART-PLK5	KICKER KIT	CONTRACTOR TO VEHIT THE LENGTH REQUIRED AND THIM AS NECESSARY IN ACCORDANGE WITH THE STRUCTURAL STEEL NOTES ON SHEET SCALL.	291	162
T.		VZWSMART.PLK7	MONOPOLE COLLAR MOUNT ASSEMBLY		150	150
2		VZWSMART-MSK3D	PIRE TO PIRE CLAMPS		42	25
2	VZWSMART	VZWSMART-P40-238X072	72" LONG, PIPE 2 STD (2.375"OD \times 0.154" THK)		22	4
12		VZWSMART-MSK!	CROSSOVER PLATE		4	99
3		VZWSMART-MSK6	BACK TO BACK CROSSOVER PLATE		34	102
3		VZWSMART-P40-238X048	48" LONG, MPE 2 SCH40 (2375"OD X 0.154" THK)		115	45
			SECTIO	SECTION 2 - OTHER REQUIRED PARTS		
QUANTITY	MANUFACTURER	PART NUMBER	DESCRIPTION	NOTES	UNIT WEIGHT (LBS.)	WEIGHT (LBS.)
m	3.	34	162" LONG, P2 1/2 STD PIPE	GALVANIZED.	79	757
۴	*	4	30" LONG, L3x3x1/4 ANGLE	GALVANIZED, CONTRACTOR TO VERIFY THE LINGTH REQUIRED AND TRIM AS NECESSARY IN ACCORDANCE WITH THE STRUCTURAL STEEL NOTES ON SHEET SGN-1.	E	39
9	20	21	6" LONG, HSS3x3x1/4 SHIM	GALYANIZED.	s	30

	COMMSCOPE
	T IOOOHIMOO
CONTACT	SALVADOR ANGUANO
PHONE	(817) 304-7492
EMAIL	SALVADOR.ANGUIANO@COMMISCOPECOM
WEBSITE	WWW.COMMSCOPE.COM
~	METROSITE FABRICATORS, LLC
CONTACT	KBNTRAMEY
PHONE	(706) 335-7045 (O), (706) 982-9788 (M)
EMAIL	KENT@METROSITELCCOM
WEBSITE	METROSITEFABRICATORS COM
	PERFECTVISION
CONTACT	WARELESS SALES
PHONE	(844) 967-6723
EMAIL	WWW.PERFECT-VISION.COM
WEBSITE	WIRELESSALES@PERFECT-VISION.COM
	SABRE INDUSTRIES, INC.
CONTACT	ANGEWECH
PHONE	(866) 428-6937
EMAIL	AKWELCH@SABREINDUSTRIES COM
WEBSITE	WWW.SABRESTTSOLUTIONS CON
	SITE PRO 1
CONTACT	PAULA BOSWEL
PHONE	(972) 236-9840
EMAIL	PAULA BOSWELL@YALMONT.COM
WEBSITE	WWW.SITEPRO! COM

1. THE MANUFACTURERS LISTED ARE THE APPROVED VENDORS FOR THE VZW MOUNT KITS. EACH MANUFACTURER WIN IE BE AWARE FOF WHICH KITS HAVE BEEN THROUGHT HEVZW APPROVAL PROCESS AND THEY ARE IN TURN APPROVED TO SELL PLEASE NOTE THAT THE MATERIAL UTILIZED ON THE MOUNT MODIFICATIONS WILL BE RETWIND AS A PART OF THE DESKTOP PMI COMPLETED BY THE SMATT TOOL VENDOR. IT WILL BE REQUIRED THAT THE VZW KITS SPECIFIED ARE UTILIZED IN THE MODIFICATIONS.

NOTES

ALL MATERIALS REQUIRED FOR THE DESIGNED MODIFICATIONS BUT NOT LISTED IN THIS SHEET ARE ASSUMED TO BE PROVIDED BY THE CONTRACTOR.

7

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Verizon

NOW AS SHOWN

SITE NAME:

BLOOMFIELD 3 CT 5000383112

785 NEW PARK AVE BLOOMFIELD, CT 06002 HARTFORD COUNTY Comban Bushamin

Samfred CT09501 Filter in 20.324 0800 CALSE DESARTHES EX SOCIETY ECHANGE CHILLING

BILL OF MATERIALS

SBOM-I

- THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE CODES, ORDINANCES, LAWS AND REGULATIONS OF ALL MUNICIPALITIES, UTILITY COMPANIE OR OTHER RUBLIC/GOVERNING AUTHORMIES.
- THE CONTRACTOR SHALL BE REPONSIBLE FOR OBTAINING ALL PERMITS AND INSPECTIONS THAT MAY BE REQUIRED BY ANY FEDERAL, STATE COUNTY OR MUNICIPAL AUTHORITIES.
- THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION MANAGER, IN WRITING, OF ANY CONFLCTS, ERRORS OR OMISSIONS PRIOR TO THE SUBMISSION OF BIDS OR PERFORMANCE OF WORK.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL EXISTING STEPHNOGORDERS THAN OFFICIAL RESPONSIBLE FOR CONTRACTOR NAME, RESULT OF THE CONTRACTOR SHALL BEAR ANY DAMAGE AS A RESULT OF CONSTRUCTION OF THE SACULTY AT THE CONTRACTOR'S EXPENSE TO THE SATISFACTION OF THE OWNER.
- THE SCOPE OF WORK FOR THIS PROJECT SHALL INCLUDE PROVIDING ALL MATTRALLS, CQUIPPERT, PROLABOR REQUIRED TO COPPLETE THIS PROJECT. ALL EQUIPPERT SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURENS RECOMPIENDATIONS. THE CONTRACTOR SHALL VISIT THE PROJECT SITE PRIOR TO SUBMITTING THE BID TO VERIET THAT THE PROJECT CAN BE CONSTRUCTED IN ACCORDANGE WITH THE CONTRACT DOCUMENTS AND CONSTRUCTION DRAWINGS.
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- no noise, smoke, dlust or odor will result from this facility as to Cause a Nuisance
- THE FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION (NO HANDICAP ACCESS IS REQUIRED).

GENERAL NOTES

- THEE MODIFICATIONS HAVE BEEN DESIGNED IN ACCORDANCE WITH THE GOVERNING PROVISIONS OF THE TELECOPHICALICATIONS RIDGETRY STANDARD THA 222-H MATERIALS AND SENVICE PROVIDED BY THE CONTINUE OF THE CONTINUE OF THE CONTINUE OF THE WARD SENVICE MENTIONED CODES.
- 2. CONTRACTOR SHALL TAKE ALL PRECAUTIONS NEESSARY TO PREPAIT
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 OF THE PRODRICATIONS, NOTIFY THE BUSINESS THE DATES TO AND THE BUSINESS OF THE BUSINESS THE DATES TO AND THE BUSINESS OF T
 - IT IS ASSUMED THAT ANY STRUCTURAL MODIFICATION WORK SPECIFED ON THESE PLANS WILL BE ACCOMPLISHED BY KNOWLEDGEABLE WORKMEN WITH TOWER CONSTRUCTION EXPRIENCE
- THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK AND SHALL BE SOLE!! REPONSIBLE FOR ALL CONSTRUCTION METHODS, MEANS. TECHNIQUES, SEQUENCES, AND PROCEDURES
 - ALL CONSTRUCTION MEANS AND METHODS; INCLUDING BUT NOT LIMITED TO, RECTION PLANS, RIGGING PLANS, CLIMBING PLANS, AND RECUE PLANS FOR THE THE RECOUNTING THE REGISHALL CONTINUELY TO RESPONSITE FOR THE EDECUTION OF THE WORK CONTINUED HEREIN AND SHALL HEET STATINGS, LOGAR AND GENERAL HOUSTING. THE TRAINING LIGHT AND HOUSTING. THE STANDARDS. ALL REGISHER THAN SHALL KOTHER TO A NESTRA. 227 (APTER TOTAL KOTHER TO A NESTRA. 227 (APTER TOTAL MONOLUMENT OF A QUALIFIED REGISHER FOR CLASS V. CONSTRUCTION.
 - THE CONTRACTOR IS SOLELY REPONSIBLE FOR INITIATING, MAINTAINING, AND SUPERVISING ALL SAFETY PROGRAPS IN ACCORDANCE WITH APPLICABLE SAFETY CODES.
 - WORK SHALL ONLY BE PERFORMED DURING CALM DRY DAYS (WINDS LESS THAN 30-MPH). THE STRUCTURE SHOWN ON THE DRAWINGS IS STRUCTURALLY SOUND ONLY IN THE COMPLETED FORM THE

OF THE STRUCTURE OF SHARE STREAMS HER STREAM AND STRAINT OF THE STRUCTURE CHRISTON CONTINGLORD SHALL REQUIDE SHALL REQUIDE THE STRUCTURE SHALL REQUIDE SHALL REQUIDE SHALL REQUIDE SHALL REQUIDE SHALL REQUIRE SHALL REQUIRE THE STRUCTURE SHALL REQUIRE TO THE STRUCTURE SHALL REQUIRE TO THE STRUCTURE STRUCTURE

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13. GALVANIZED ASTM A325 BOLTS SHALL NOT BE RRUSED

- ALL INSTALLATIONS PERCORMED ON THIS STRUCTURE SHALL BE COMPLETED IN ACCORDANCE WITH THE GOVERNING REONSIONS OF THE STANDARD FOR INSTALLATION, ALTERATION AND PAINTENANCE OF ANTENNA SUPPORTING STRUCTURE AND ANTENNAS, ANSITTAN 332.
 - 10. CONTRACTOR SHALL SECURE SITE BACK TO EXISTING CONDITION UNDER SUFERNISON OF OWNER, ALL FUENE, STONE GEOSPAGE, CROUNDING, AND SURROUNDING GRADE SHALL BE REPLACED AND REPAIRED AS REQUIRED TO ACHIECE OWNER, PROVAL, POSITIVE ERAINAGE AWAY FROM TOWER SITE SHALL GE WANTAMED. 1). CONVEKTIONS BETWEEN TIPES SUPPORTED BY THE STRUCTURE AND THE S

ALL WELDING SHALL BE DONE IN ACCORDANCE WITH AWS DIO (LATET BOTTION). THIS SHALL INCLUDE A CERTIFIED WELD INSPECTION (CWI) FOR ACCEPTANCE OR REJECTION OF ALL WELDING OPERATIONS, RIE. DURING, AND POST INSTALLATION, USING THE ACCEPTANCE CRITICIAL OF AWS DILL.

CONTRACTOR IS REPONSIBLE FOR COMMISSIONING A THIRD PARTY
CERTIFIED WLELD INSPECTOR (KWW. THROUGHOUT THE BATTRITT OF THE
PROJECT A PASSIS CAM REPORT SMALL BE PROVIDED TO THE ENGINERA
UPON COMMISSION OF THE PROJECT.

15. ALL HOLES IN STEEL MEMBERS SHALL BESIZED 1/16" LARGET THAN THE BOLT DIAMETER, STANDARD HOLES SHALL BE USED UNLES NOTED OTHERWISE 14. ALL EXISTING PAINTEDIGAUVANIZED SURFACED DAMAGED DUBING REHAB INCLUDIOR AREA UNDES STIFFENER BY, SEGAL BE WERE BRUSHED CLEAN, BERABED BY COLD, GALVANIZING (ZINGA OR ZINC COTTE), AND REPAINTED TO MATCH THE EXISTING PRINK HE PREVIOUS PRAPLICABLE).

WELDING NOTES

- 14. ALL MATEMAL UTILIZED FOR THIS PROJECT MUST BE NEW AND REE OF ANY DEFECTS ANY TAY THEN SUBSTITUTIONS, INCLIDING BUT NOT LIMITED TO ALTHEID STZE ANDOR, STRENGTHS, MUST BE APPROVED BY THE OWNUR AND ENGINEER IN WHITHMS. 12 DO NOT SCALE DRAWINGS.
 13 DO NOT USE THISE DRAWINGS FOR ANY OTHER SITE.

THE CERTIFIED WED INSPECTOR SHALL INDICATE, IN A WRITTEN CWI THE WALLATION WEBE CONDUCTED IN ACCORDANCE WITH AND DISTANCE INSTALLATION WEBE CONDUCTED IN ACCORDANCE WITH AND DISTANCE INSTALLATION WEBE CONDUCTED IN ACCORDANCE WITH AND STANDARD OF THE WEB REJECTION OF ALL WEBDING ALL COWNED DISTANCE OR DOCUMENTATION AND PROTOS SHALL BE SUBWITTED DURING THE PRI

THE MOUNT UNDER NO CIRCUMSTANCES SHOULD BE USED AS A TIE OFF POINT, STRUCTURAL STEEL

OXY RUEL GAS WEDING OR BRAZING IS STRICTLY PROHIBITED. SPECIFICALLY, NO TORCH CUTTING IS PERMITTED ON SITE ALL HOLES SHALL BE CUT WITH A GRINDER.

CONTRACTOR SHALL EXERCISE CAUTION WHEN WELDING A GALVANIZED SURFACE

7. CONTRACTOR SHALL HAVE A FIRE PROTECTION PLAN IN PLACE THAT CONFORMS WITH ALL OSHA, ANSIJASSP A 10,48, ANSI 249,1, AND LOCAL JURISDICTIONAL REQUIREMENTS.

IN CASE WHERE A WELD IS SPECHED BETWEEN TWO MEMBERS IN WHICH THE THEE IS A GAP IN BETWEEN, THE WELD IS TO BE BUILT-UP SUCH THAT THE SIZE OF WELD ON THE MEMBER IS EQUAL TO THAT SHOWN IN THE DAWNINGS.

- DESIGN, DETAILING, FABRICATION AND ERECTION OF STRUCTURAL STEEL. SHALL CONFORM TO THE FOLLOWING PUBLICATIONS EXCEPT AS SPECIFICALLY INDICATED IN THE CONTRACT DOCUMENTS.
 - a. AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC) MANUAL OF STEEL CONSTRUCTION (15TH EDITION)
- b. SPECIFICATION FOR STRUCTURAL JOINTS USING ASTM A325 OR A490 BOLTS
- STRUCTURAL STEEL SHALL CONFORM TO THE FOLLOWING UNLESS OTHERWISE SHOWN: AISC CODE OF STANDARD PRACTICE

ASTM A36 (GR 36)	ASTM A53 (GR 35)	ASTM A125	ASTM AS63
CHANNELS, ANGLES, PLATES, ETC.	STEEL PIPE	BOLTS	NUTS

- IN ALL/BURNDONS RECORDS BY THE CONTRACTOR SHALL EL APPROVED IN WARRINGS BY THE BROINEE TO COLLIFORNIA TON TO THE BROINEE BY CONTRACTOR SHALL BROWDE DOCULFORNIA TON TO THE BROWDE SHALL BE SHARD SHALL BROWDE THE BROWDE SHALL BE SHARD AND THE TO ANGINAL DESIGNA CRITICAL PERSON ACTIVED. THE SHARD THAN THAN THE WARRING THE SHALL BE SHOWNED SHALL BE NOTED STITWATES OF COSTSCRIBITS ASSOCIATED WITH THE SHEET SHALL BE NOTED STITWATES OF COSTSCRIBITS ASSOCIATED WITH THE SHEET SHALL BE SHOWNED TO THE SHANKER TO SHALL BE PROVIDED TO THE SHANKER TO THE LOCKING STRUCTURAL GRADE LOCK WASHERS
 - PROVIDE STRUCTURAL STEEL SHOP DRAWINGS TO ENGINEER FOR APPROVAL PRIOR TO FABRICATION

3, SUBMIT SHOP DRAWINGS TO

PETER ALBANO@COLLIENSENGINEERING.COM

- DRILL NO HOLES IN ANY NEW OR EXISTING STRUCTURAL STEEL MEMBERS OTHER THAN THOSE SHOWN ON STRUCTURAL DRAWINGS WITHOUT THE APPROVAL OF THE ENGINER OF RECORD. BI PROVIDE MASER CONSULTING PROJECT # AND MASER CONSULTING PROJECT ENGINEER CONTACT IN THE BODY OF THE BMAIL
 - GALVANIZED ASTM A325 BOLTS SHALL NOT BE REUSED.
- ALL NEW STEEL SHALL BE HOT BE DIPPED GALVANIZED FOR FULL WEATHER PROTECTION IN ADDITIONAL INEW STEEL SHALL BE PAINTED TO MATCH EXISTING STEEL CONTRACTOR SHALL OBTAIN WRITTEN PERMISSION TO PROTECT STEEL BY ANY OTHER PEAS
- ALL BOLT ASSEMBLES FOR STRUCTURAL MEMBERS REPRESENTED IN THIS DRAWING REQUIRE LOCKING DEVICES TO BE INSTALLED IN ACCORDANCE WITH TIA-222-H SECTION 49.2 REQUIREMENTS CONTRACTOR SHALL PROTECT CLIT ENDS OF ALL FIELD-CLIT STEEL WITH TWO (2) COATS OF COLD GALVANIZATION (ZINGA OR ZINC COTE).
- WHER CONNECTIONS ARE NOT PLLY DETAILED ON THEE DRAWNINGS. FARRICATOR SHALL DESIGN CONNECTIONS TO REIST LOADS AND FORCES WHER SHOWN ON DRAWNINGS AND AS CUTLAND IN SPECIFICATIONS.
- FOR NEMBERS BEING REPLACED, PROVIDE NEW BOLTS, AND MATCH EXSTING SIZE AND GRADE MAINTAIN AISC REQUIREMENTS FOR MINIMUM BOLT TRINGES AND SPACING.

SPACING 2.5/8 1 7/8 2 1/4 MIN. EDGE DISTANCE 1 112 11/4 1 3/4 7/8 1/8 BOLT SCHEDULE (IN.) 1 1/16 × 1 5/16 15/16 x 1 1/B 9/16×11/16 SHORT 11/16 × 7/8 13/16×1 STANDARD 91/6 91111 91/11 91/11 15/16 BOLT 77 3/4

Uning Burness as

The state of the s www.colllersengineering.com

Collicts & Design

/ORKABLI	WORKABLE GAGES (IN.)
LEG	GAGE
4	2112
31/2	2
	1 3/4
2112	1 3/8
7	8/1 1

verizon



ALL DIMENSIONS REPRESENTED IN THE ABOVE TRABLES ARE ARE OF INNINUIN RQUIREMENTS CONTRACTOR SHALL VERIF ESTING CONDITIONS IN HELD AND NOTIFE BUSINERS IF DISTANCES ARE LESS THAN THOSE PROVIDED

THE DIMENSIONS PROVIDED ARE MINIMUM REQUIREMENTS ACTUAL DIMENSIONS OF PROPOSED MENBERS WITHIN THEE DRAWNINGS MAY VARY ROW THE ABC MINIMUM REQUIREMENTS. 7

TYP, BOLT ASSEMBLY

- SHORT SLOT HOLES SHALL ONLY BE USED WHEN DEPICTED IN THE DRAWINGS
- MATCH EXISTING GAGES WHEN APPLICABLE, UNLESS MINIMUM EDGE DISTANCES ARE COMPROMISED.

-	CAGE
~ - - -	



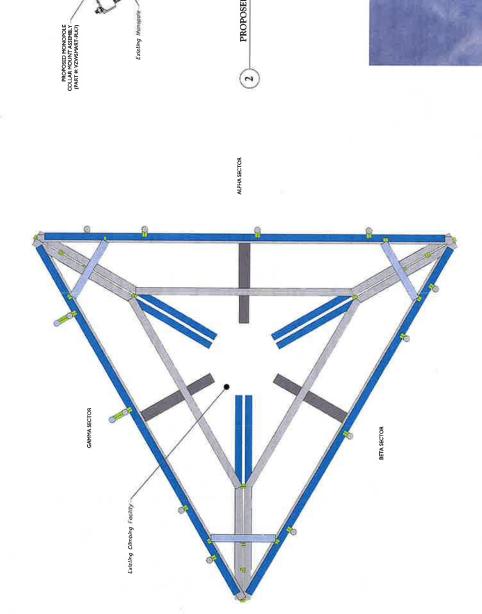


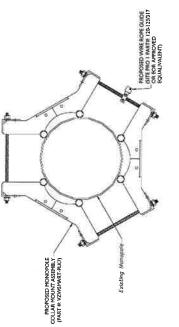
785 NEW PARK AVE BLOOMFIELD, CT 06002 HARTFORD COUNTY BLOOMFIELD 3 CT 5000383112 SITE NAME

College Engineering Design

MODIFICATION NOTES

SGN-





verizon

Doing Busness * MASER

Collica Engineering & Design

PROPOSED WIRE ROPE GUIDE ATTACHMENT - PLAN VIEW



CLIMBING FACILITY LOCATION SCALE, NT.S.

CLIMBING FACILITY PHOTO

INSTALL SHALL NOT CAUSE HARM TO THE STRUCTURE, CUMBING FACIULY, SAFTY CLIPR, OR ANY SYSTEM INSTALLED ON THE STRUCTURE. TIMELY NOTICE AND DOCUMENTATION SHALL BE ROWIDED BY CONTRACTORS TO THE EOR (OF STRUCTURAL DESIGN) IF AN OBSTRUCTION WAS REQUIRED TO MEET THE RE SYSTEM DESIGN REQUIREMENTS AND PERFORMANCES.

1. PER THE MOUNT MAPPING COMPLETED BY RKS DESIGN & ENGINEERING, LLC ON 1074/201, THE SAFETY CLIMBING FACILITIES UP TO THE VERIZON MOUNT ELEXATION (104-47) ARE IN GOOD CONDITION. MASER CONSULTING DOES NOT WARRANT THIS INFORMATION.

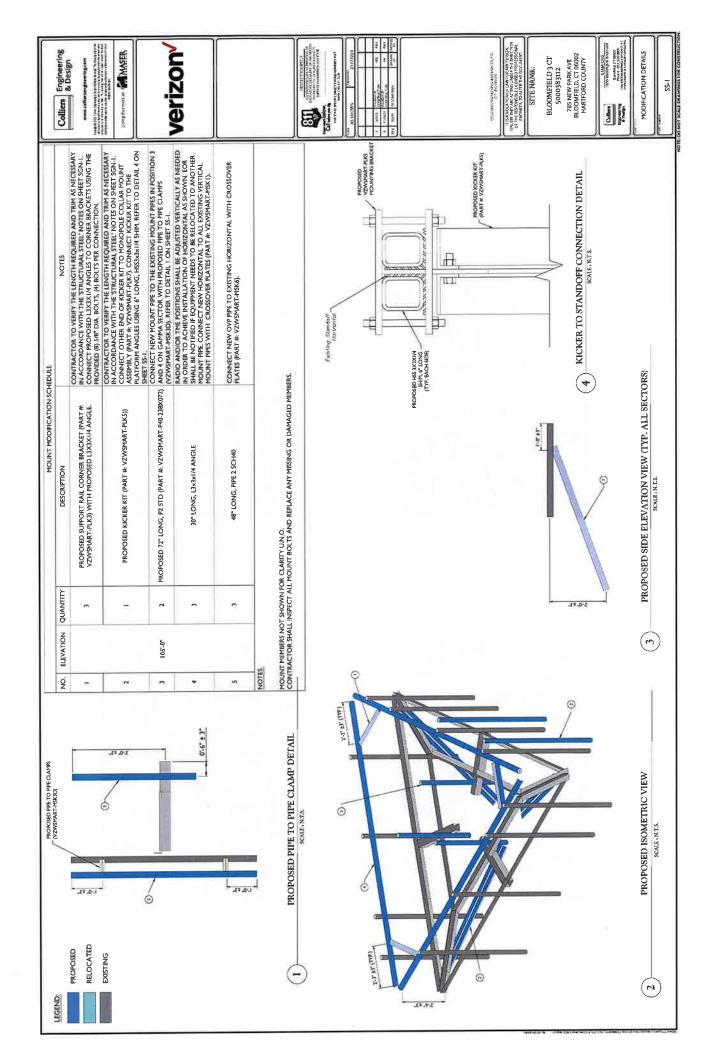
STRUCTURAL NOTES:

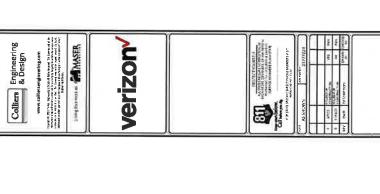
SITE NAME:

785 NEW PARK AVE BLOOMFIELD, CT 06002 HARTFORD COUNTY BLOOMFTELD 3 CT 5000383112

College Parties

CLIMBING FACILITY DETAIL









MOUNT PHOTO 1



Collica 1005 NAVIORAL Bagneeing (1004) Dowled (1004) Brighteeing (1004) Environment (1004) & Dowley (1004) Environment (1004) & Dowley (1004) Environment (1004)

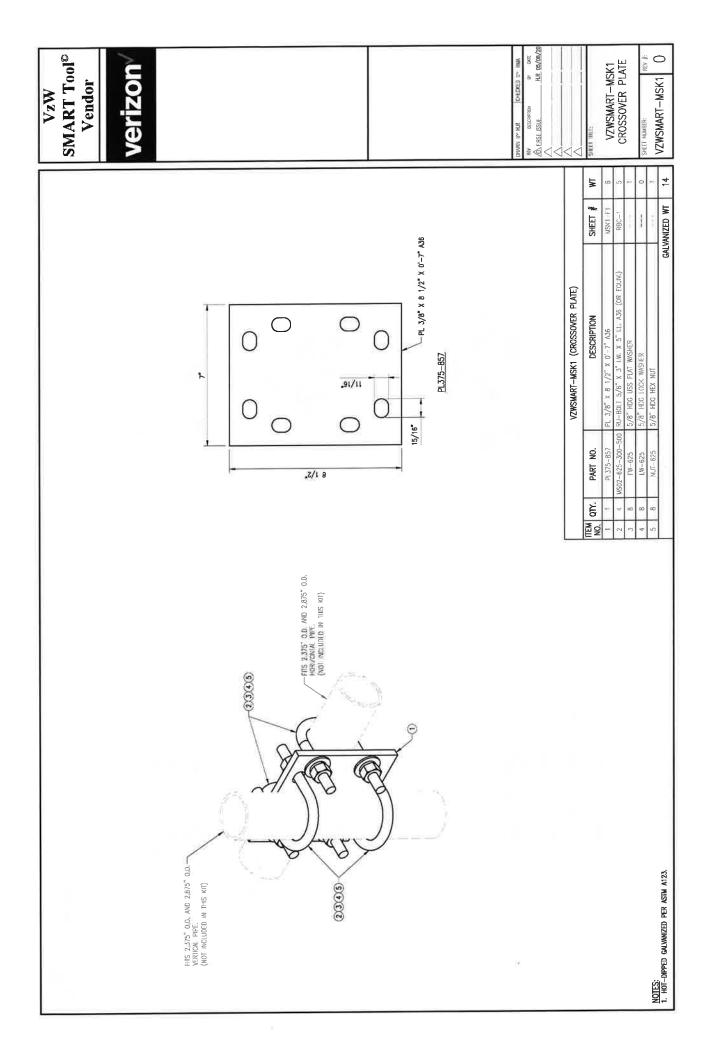
MOUNT PHOTOS

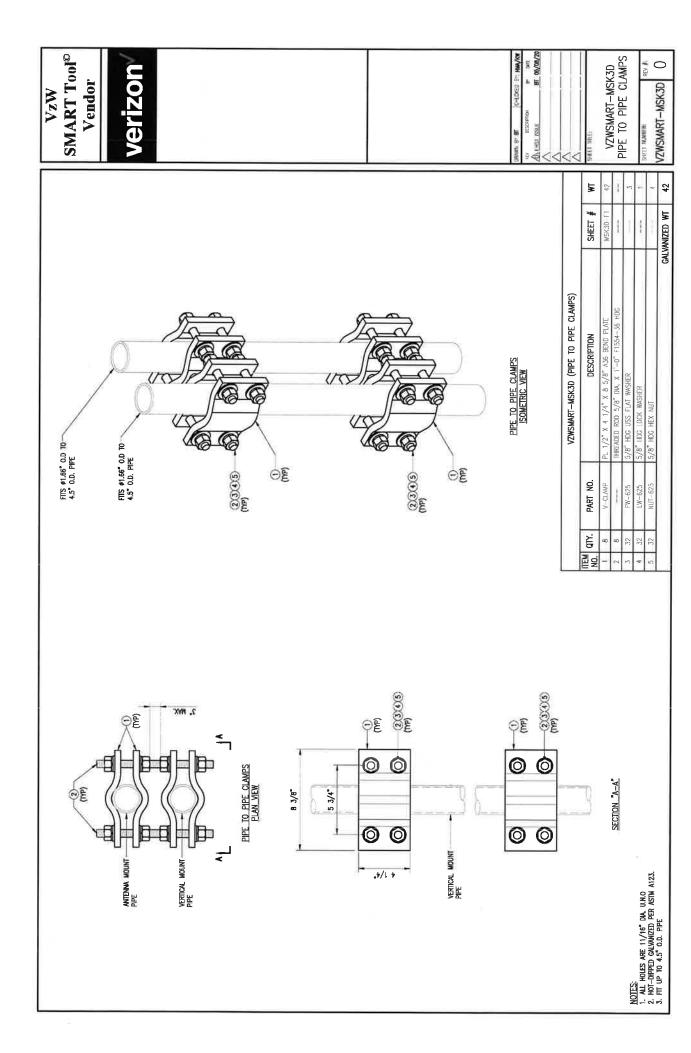
BLOOMFIELD 3 CT 5000383112 785 NEW PARK AVE BLOOMFIELD, CT 06602 HARTFORD COUNTY

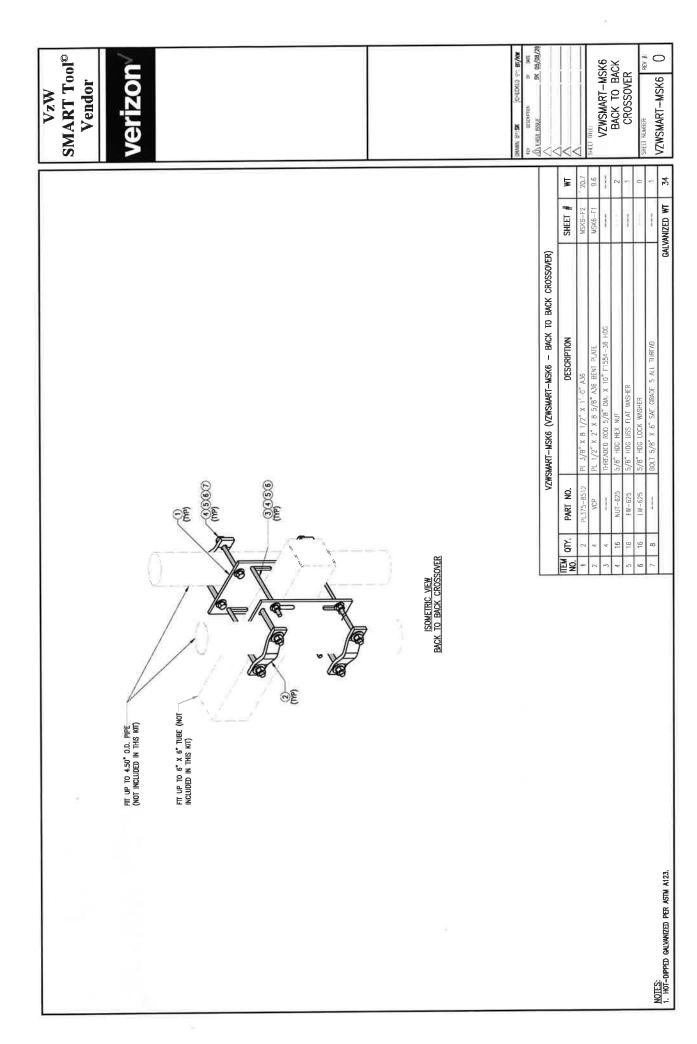


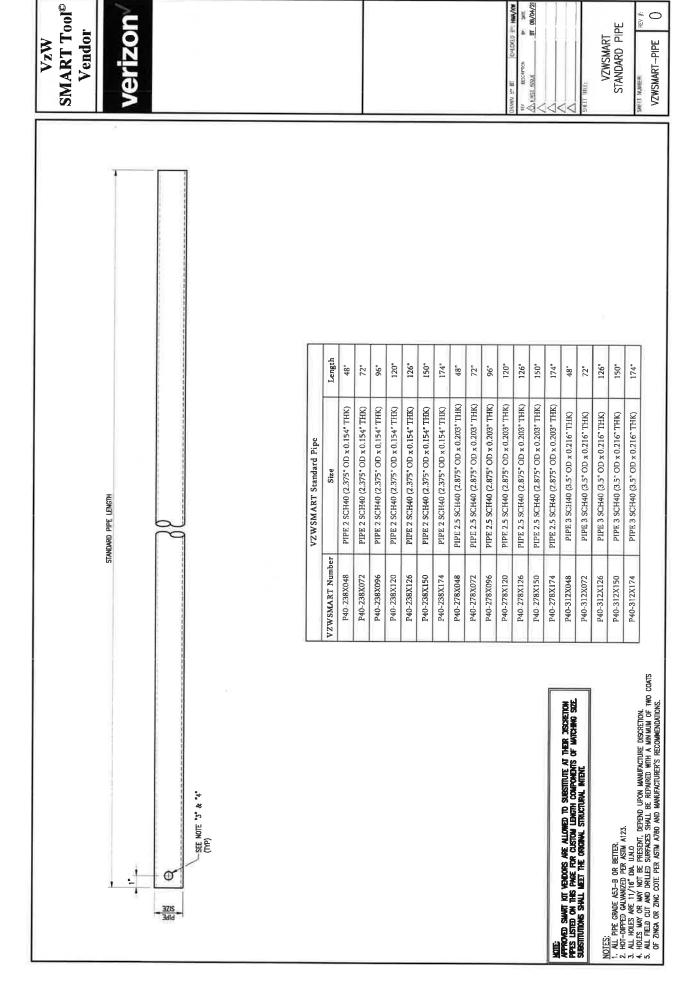


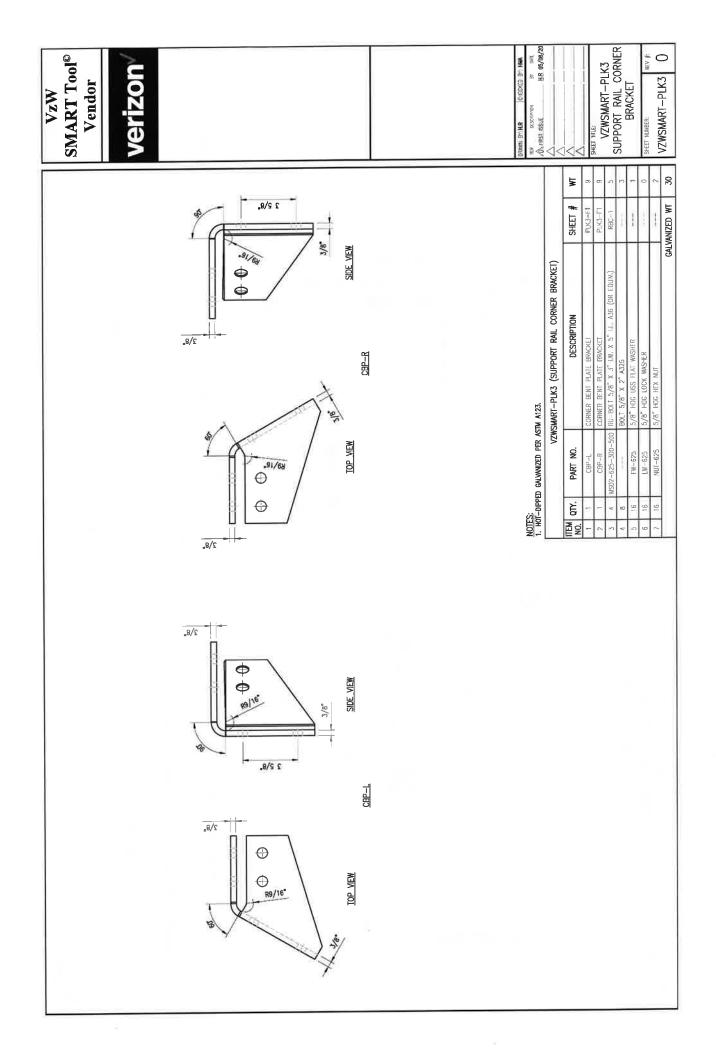
MOUNT PHOTO 3

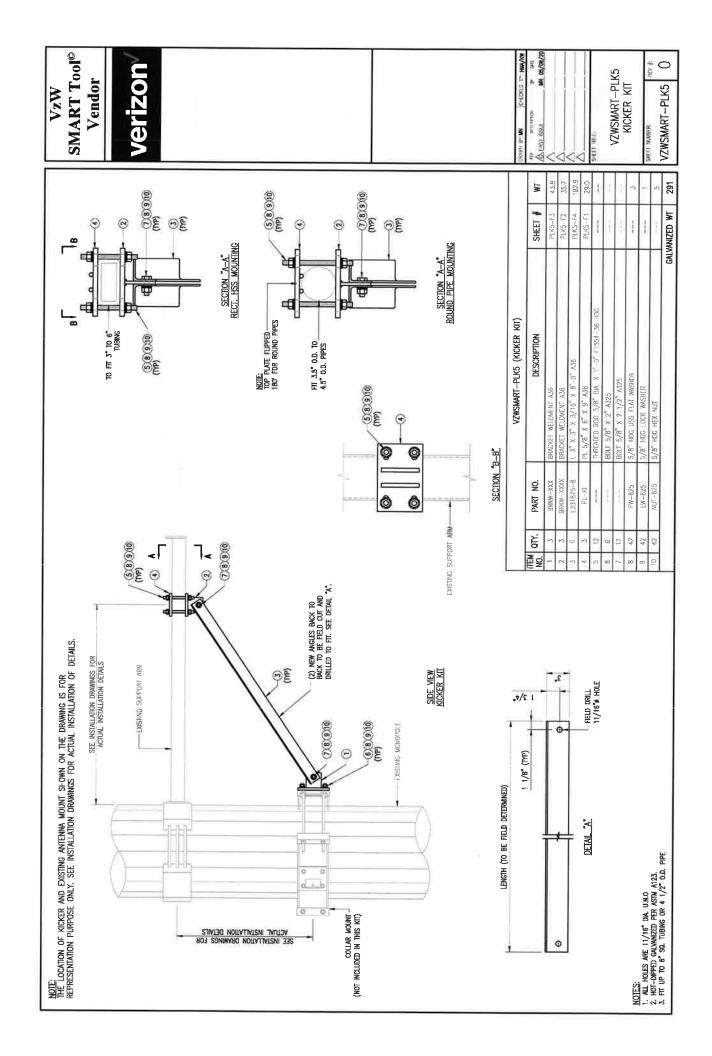


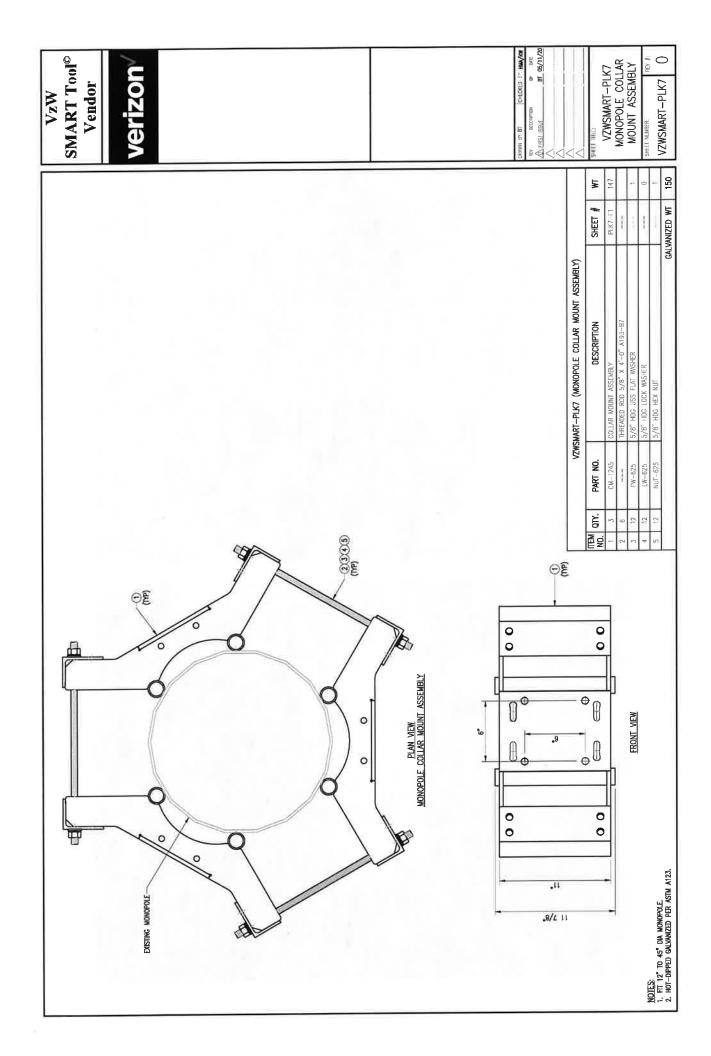




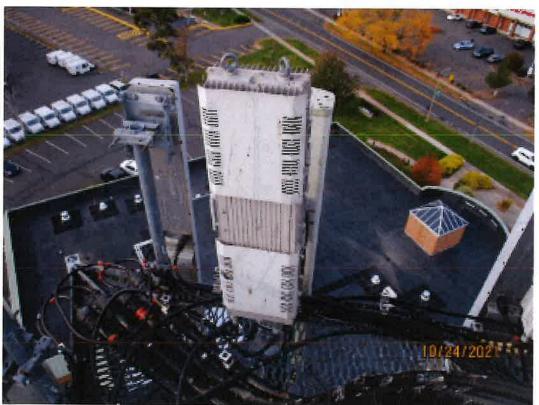












V4.0 Updated on 3-31-2021

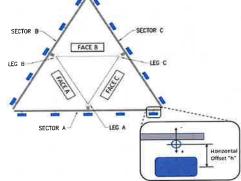


	Antenna Mount Mapping For	rm (PATENT PENDING)	FCC #
Tower Owner:	UNKNOWN	Mapping Date:	10/24/2021
Site Name:	VZW: Bloomfield 3 CT	Tower Type:	Monopole
Site Number or ID:	VZW: 468782	Tower Height (Ft.):	UNKNOWN
Mapping Contractor:	RKS Design & Engineering, LLC	Mount Elevation (Ft.):	104

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

Sector / Position	Mount Pipe Size & Length	Vertical Offset Dimension "u"	Horizontal Offset "C1, C2, C3, etc."	Sector / Position	Mount Pipe Size & Length	Vertical Offset Dimension "u"	Horizonta Offset "C: C2, C3, etc
A1	PIPE 2.375"Ø X 0.15" X 72" LONG	34.50	20.25	C1	PIPE 2.875"Ø X 0.15" X 72" LONG	34,50	20,25
A2	PIPE 2 375"Ø X 0.15" X 72" LONG	34.50	43.50	C2	PIPE 2,375"Ø X 0.15" X 72" LONG	34.50	43.50
A3	PIPE 2.375"Ø X 0.15" X 72" LONG	34.50	89.25	C3	PIPE 2.375"Ø X 0.15" X 72" LONG	34.50	89.25
A4	PIPE 2.375"Ø X 0.15" X 72" LONG	34.50	134.25	C4	PIPE 2.375"Ø X 0.15" X 72" LONG	34.50	134.25
A5				C5			
A6				C6			
B1	PIPE 2.875"Ø X 0.15" X 72" LONG	34.50	20.25	D1			
B2.	PIPE 2.375"Ø X 0.15" X 72" LONG	34.50	43.50	D2			
B3	PIPE 2 375"Ø X 0.15" X 72" LONG	34.50	89.25	D3			
B4	PIPE 2.375"Ø X 0.15" X 72" LONG	34.50	134.25	D4			
B5				D5			
B6				D6			
	Distance between bottom rail	and moun	t CL elevati	on (dim d). Unit is inches. See 'Mount Elev Ref' to	b for details.	
-	Distance from to	p of botto	m support r	all to low	est tip of ant./eqpt. of Carrier above. (N	I/A If > 10 ft.)	
					est tip of ant./eqpt. of Carrier below. (N		
					ion or comments below.		
-					Control of the Contro		
ower Fac	e Width at Mount Elev. (ft.):		Tower Leg S	ize or Pol	Shaft Diameter at Mount Elev. (in.):		27.75



-	Antic	
Honzontal Offset "h"	Ant ₂	B4 RRH2X60-4R
	Antzb	UNKNOWN PANEL
	Ant _{2c}	
	Ant _{3a}	3JR53386AAAL3
Antis Antis Antis Antis Antis	Ant _{3b}	BXA-70063-6CF-EDIN
511 511 511 511 511 511 ₁₀₀	Ant _{ac}	
e Antiu & Antio & Antio & Antio	Ant _{4a}	
	Ant _{4b}	UNKNOWN PANEL
\$ \$ \$ \$	Antac	
	Ant _{Sa}	
20 00 00 00	Ant _{Sb}	
	Antsc	
Antie Antze Antse Antse Antse	Ant on Standoff	RRFDC-3315-PF-48
C2 C3	Ant on Standoff	
C4 C5	Ant on	
- 9	Tower	
Antenna Layout (Looking Out From Tower)	Ant on Tower	

	Enter antenna	model.	If not label	led, enter '	'Unknown'		Mountin [Units are inch	g Locations nes and de		Photos o antenna
Ants, Items	Antenna Models if Known	Width (in.)	Depth (in.)	Height (in.)	Coax Size and Qty	Antenna Center- line (Ft.)	Vertical Distances"b _{1a} , b _{2a} , b _{3a} , b _{1b} " (Inches)	Horiz Offset "h" (Use "-" If Ant, is behind)	Antenna Azimuth (Degrees)	Photo Numbers
					Sector A					
Ant _{1a}										
Ant _{1h}	BXA-80080-6CF-EDIN	8.00	6.00	71.00		103.583	39.50	10.00	0.00	141
Antic										
Ant ₂	B4 RRH2X60-4R	10.50	5.75	36.50		105.167	20.50	-7.00		141
Ant _{2b}	UNKNOWN PANEL	12.00	7.50	73.50		104.167	32.50	10.50	0.00	141
Ant _{2c}										
Ant _{3a}	3JR53386AAAL 3	12.00	7.50	21.00		104,625	27.00	-5.00		142
Ant _{3b}	BXA-70063-6CF-EDIN	11.00	5.00	71.00		103.917	35.50	8.00	0.00	142
Ant _{3c}										
Ant _{4a}										
Ant _{4b}	UNKNOWN PANEL	12.00	7.50	73.50		104.167	32.50	10.50	0.00	143
Ant _{4c}					-					
Ant _{Sa}										-
Ant _{Sb}										
Ant _{Sc}						_		-	-	
Ant on Standoff	RRFDC-3315-PF-48	16.00	10.50	26.00				5 5		142
Ant on Standoff							4			
Ant on Tower		E.C								
Ant on Tower										

	nt Azimuti		e)		zimuth (Degree)						Sector I					
	for Each S		,	for Ea	ch Sector	Antı										
Sector A:	0.00	Deg	_		Deg	Ant _{1b}	BXA-80063-4BF-EDIN	11.00	5.50	45.00		104.042	34.00	9.00	120.00	145
Sector B: Sector C:	120.00 240.00	Deg	Leg B:		Deg	Ant _{1c}	24 22 12 12 12 12				-			+		
Sector D:	240.00		Leg C: Leg D:		Deg	Ant _{2a}	84 RRH2X60-4R	10.50	5.75	36,50		105.167	20.50	-7.00		145
Sector B.		_		ility Information	IDER	Ant _{2h}	UNKNOWN PANEL	12.00	7.50	73.50	-	104.167	32.50	10,50	120.00	145
Location:	240.00	Deg	Dilig rat	Sector C		Ant _{3a}	3JR53386AAAL 3	12.00	7.50	21.00	-	104,625	27.00	F 00		146
		sion Ty	pe:	N/A		Ant _{3h}	SLCP 2X6014	14.00	11.00	53.00		104,823		-5.00 10.00	120.00	146
Climbing		Access:		Climbing path was	unobstructed.	Ant _{3c}	SECI EXOUT	14.00	11.00	33.00		104,208	32.00	10.00	120.00	140
Facility -	Co	ndition:		Good condition.		Ant _{4a}				-						
						Ant _{4b}	UNKNOWN PANEL	12.00	7.50	73.50		104,167	32.50	10.50	120.00	147
						Antac			. 3							
						Antsa		0 = 0			-		30			
						Ant _{Sb}										
						Ant _{Sc}										
						Ant on Standoff										
						Ant on								1		
						Standoff Ant on				-5				-		
Pleas	e insert a	photo o	f the mo	ount centerline mea	surement here	Tower						1 33				
						Ant on										
						Tower		-			Sector C			1		4
						Antıa					Jector C					
						Ant _{1b}	BXA-80080-4CF-EDIN	8.00	6.00	47.50		104,042	34.00	9.00	280.00	149
						Ant _{1c}										
						Ant _{2a}	B4 RRH2X60-4R	10.50	5.75	36.50		105,167	20.50	-7.00		149
						Ant _{2b}	UNKNOWN PANEL	12.00	7.50	73.50		104.167	32.50	10,50	280.00	149
		5	TIP			Ant _{2c} Ant _{3a}	3JR53386AAAL 3	12.00	7.50	21.00		404 525	07.00		_	
- 1		1,	III.	E,		Ant _{3b}	SLCP 2X6014	14.00	7.50 11.00	21.00 53.00		104.625	27.00 32.00	-5.00 10.00	280.00	150 150
	1 1	111.1	17	- 11		Ant _{3c}	DEET ENGULY	14.00	11.00	33.00		104,200	32.00	10.00	280.00	150
4						Ant₄				11 11						
L	با ل	711	1117	L * * * * * * * * * * * * * * * * * * *	Ť	Ant _{4b}	UNKNOWN PANEL	12.00	7.50	73.50		104.167	32.50	10,50	280.00	152
Control of the Contro		2017	111_			Ant _{4c}										
-					CA STATE ACTION OF COLUMN AND ASSESSMENT OF CASE OF CA	Ant _{Sa}										
3		Mill				Ant _{sb}					-					
	<i>-</i>	TITT	Т	Jr	School State for 17 sees Aprillar where to ecopy to	Ant on			-							
DESCRIPTION OF THE PARTY OF THE		H	H	, _1t of 10 mm	CHARLES OF THE PARTY	Standoff										
r ^a	i f	1////	, n	r T	-	Ant on Standoff										
						Ant on		130			1777					
1	-	7	****			Tower Ant on										
1-9	-	J	ال	ليا		Tower										
		E38 8.40	Forest.								Sector D					
(**)	-	1	-	_		Ant _{1a}				22						
		- IX	= 11			Ant _{1b}				-						
11						Ant _{1c}			-					-		
1,1	_	F	= 拼	T WEST	,	Ant _{2h}									3	_
-			/			Ant _{2c}									19-1	-7
	i in	1 6			Chinada year the be contract the ex-	Ants										
					CLAY FOR THE OF COTOM SUPPLY OF SHIPL AND SUPPLY OF SHIPL AND	Ant _{3b}				i verel						
	and the same			4		Ant _{3c}										
Ţ	15		ألير	T L	CISTANA'S I POW 100 for territory	Ant _{4a}		-								
THE WHAT	and a	1			DISTANCE PROMITED FOR (RETIRE SOFT COLOR FOR TO MICHIEF BRICK INVA IF SOFT TO THE	Ant _{4b}		-		-						
بأس	-1	,	\a_	2 0 DAG		Ants										
1						Antsb										4 -11
	-					Ant _{5c}										
U		1	1 T]	Ant on										
For T-Arms/F	latforms o	п топор	oles, rec	ord the weld size fro	m the main standoff	Standoff Ant on		-								
				ar. See below for refe		Standoff										
11	/	_	_		//	Ant on Tower		l F	V I					-		
					4	Ant on										
1	1	==				Tower										

Observed Safety and Structural Issues During the Mount Mapping	
months and the second s	Photo #
COAX TOTAL (13): (12) FH 1-5/8, (1) 1.5"Ø HYB	
BOLT MISSING ON MOUNT	91
	PIPE
	COAX TOTAL (13): (12) FH 1-5/8, (1) 1.5*Ø HYB

		Observed Obstructions to Tower Lighting System	
he tower lighting system is being obstructed by the carr	rier's equipment (for example: a	light nested by the antennas), please provide photos and fill in the information below.	Photo #
Description of Obstruction:			ALC: U
Type of Light:	Photo #	Additional Comments:	
Lighting Technology:	Photo #		
Elevation (AGL) at base of light (Ft.):	Photo #		
Is a service loop available?	Photo #		
is beacon installed on an extension?	Photo #		

Mapping Notes

- 1. Please report any visible structural or safety issues observed on the antenna mounts (Damaged members, loose connections, tilting mounts, safety climb issues, etc.)
- 2. If the thickness of the existing pipes or tubing can't be obtained from a general tool (such as Caliper), please use an ultrasonic measurement tool (thickness gauge) to measure the thickness.

 3. Please create all required detail sketches of the mounts and insert them into the "Sketches" tab.

- 4. Please measure and enter the bolt sizes and types under the Members Box in the spreadsheet of the mount type.

 5. Take and label the photos of the tower, mounts, connections, antennas and all measurements. Minimum 50 photos are required.
- Take and laber the protos of the lower, mounts, confidence of the protost of the pr
- 8. Don't delete or rearrange any sheet or contents of any sheet from this mapping form

Standard Conditions

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

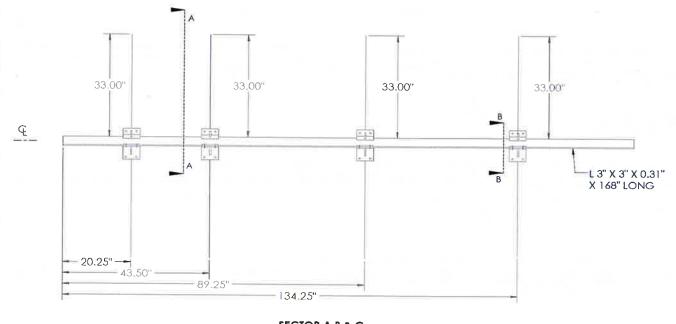
V4.0 Updated on 3-31-2021



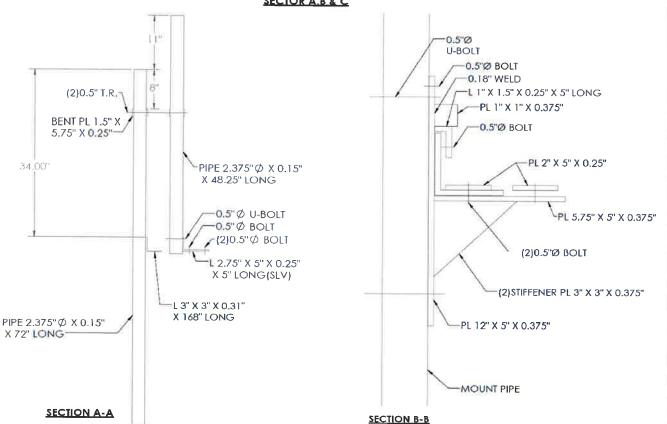
	Antenna Mount Mapping For	rm (PATENT PENDING)		FCC# UNKNOWN
Tower Owner:	UNKNOWN	Mapping Date:	10/24	/2021
Site Name:	VZW: Bloomfield 3 CT	Tower Type:	Mono	100000
Site Number or ID:	VZW: 468782	Tower Height (Ft.):	UNKN	-
Mapping Contractor:	RKS Design & Engineering, LLC	Mount Elevation (Ft.):		04

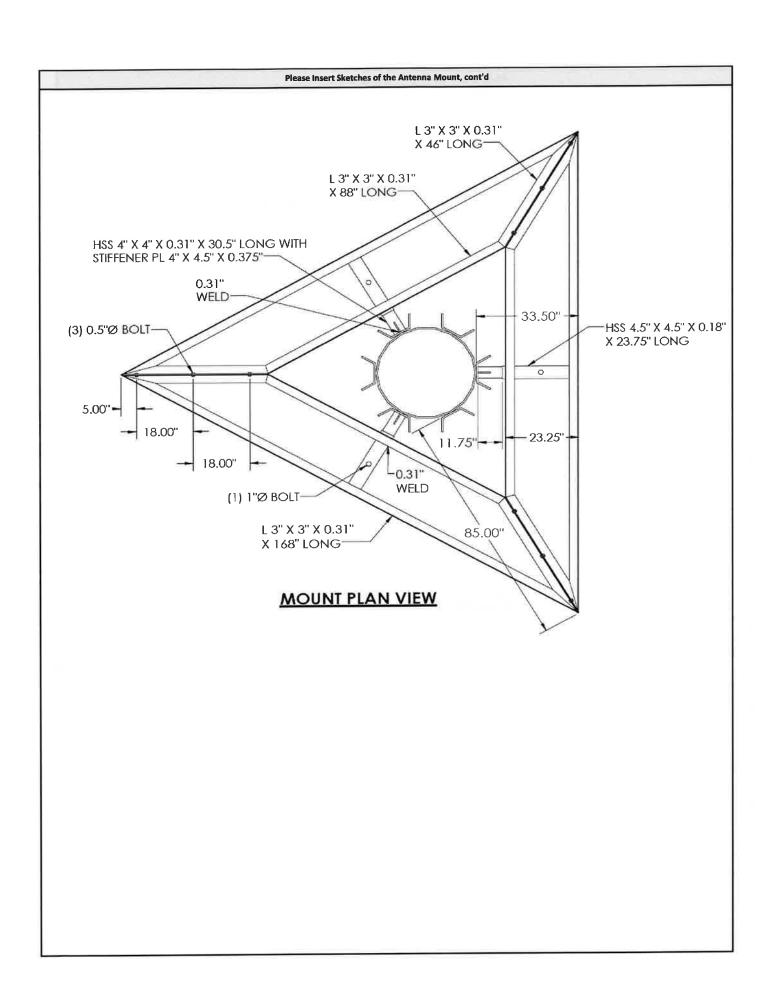
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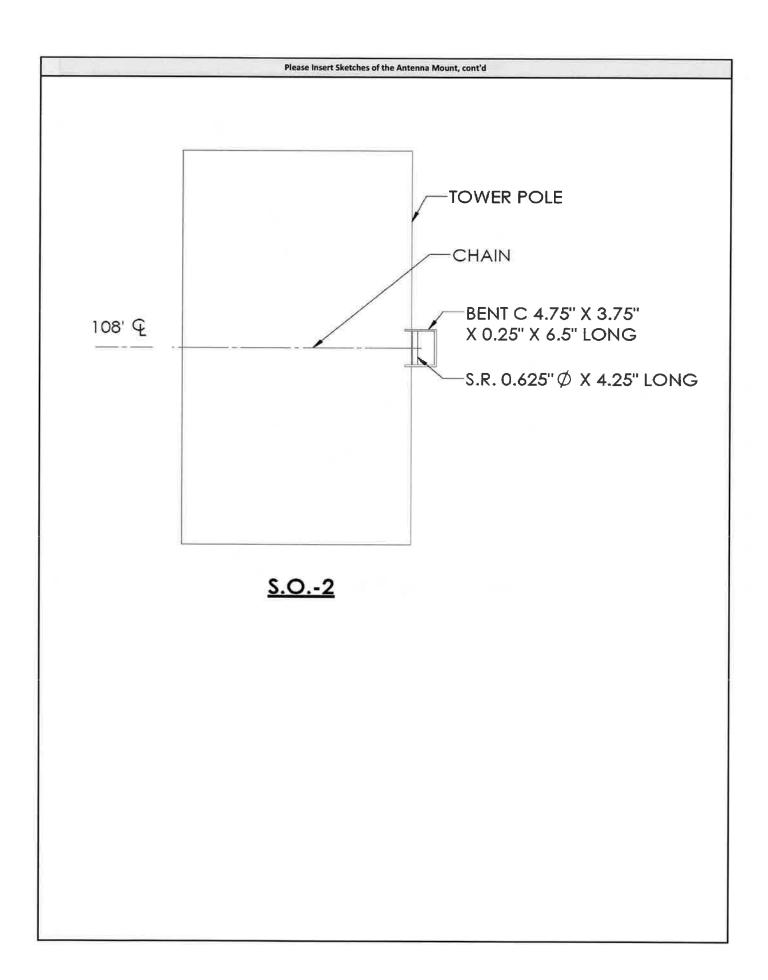
Please Insert Sketches of the Antenna Mount

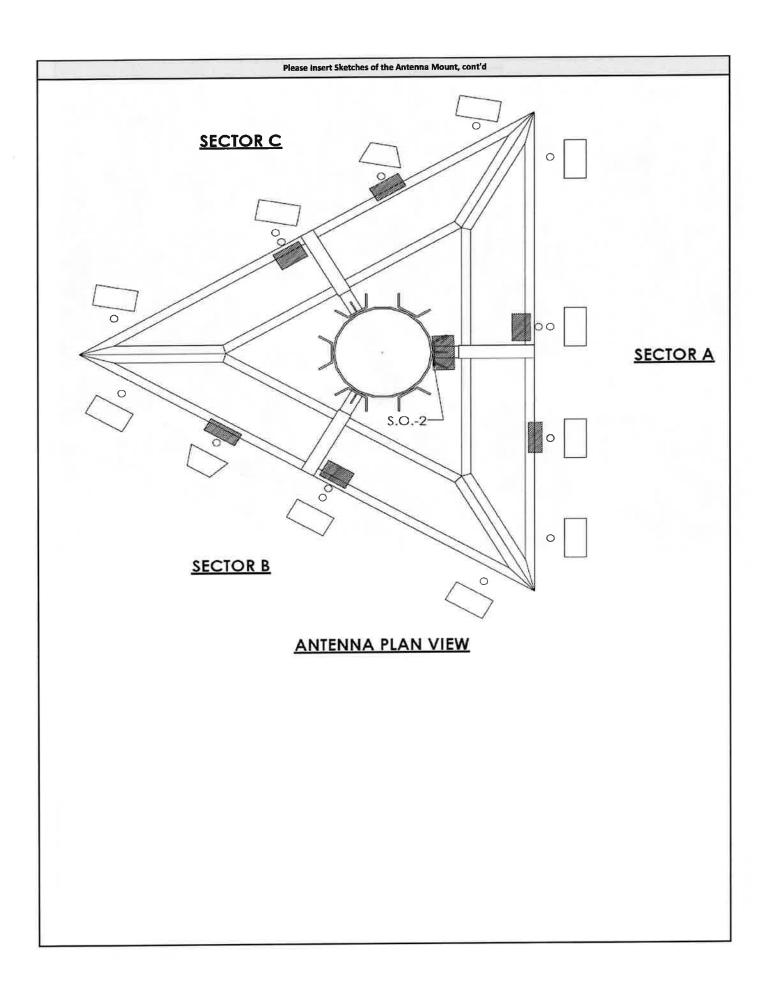


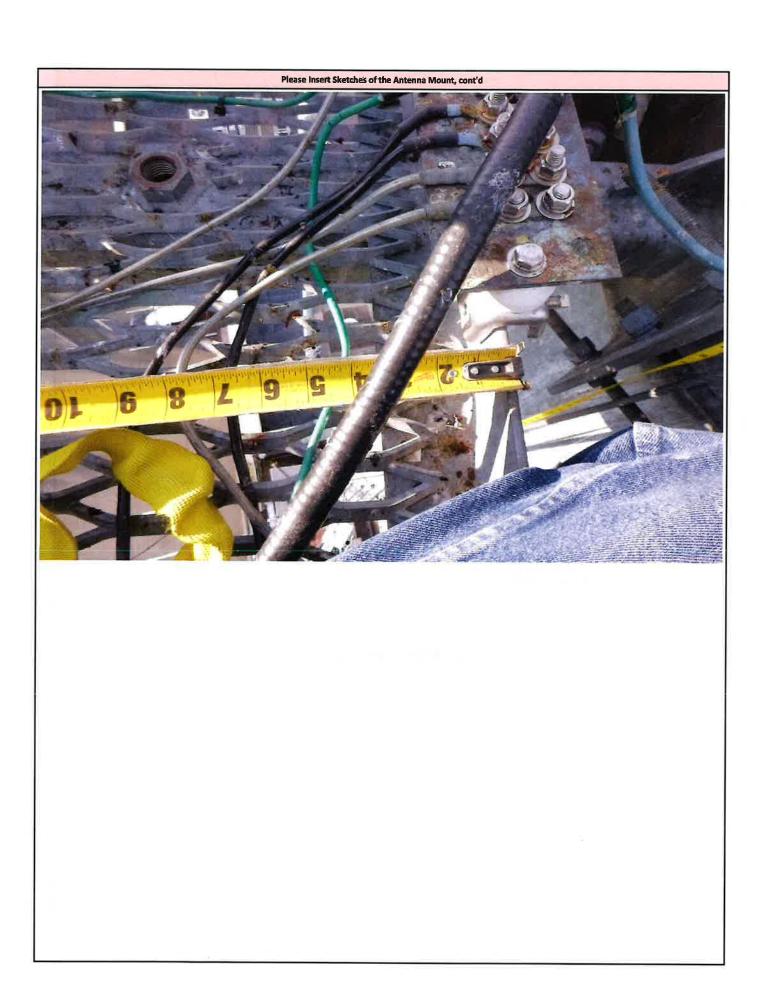
SECTOR A.B & C



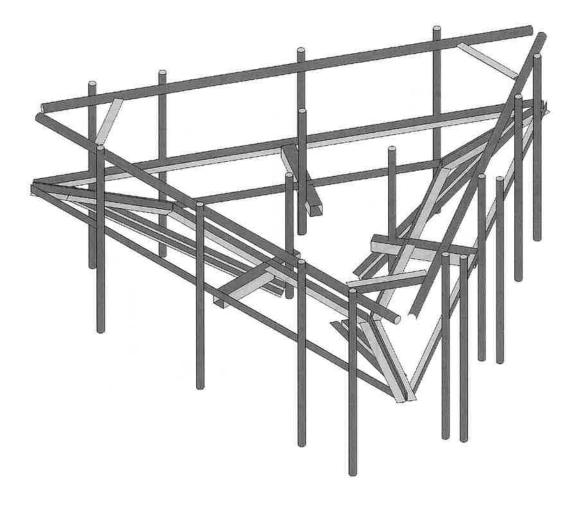




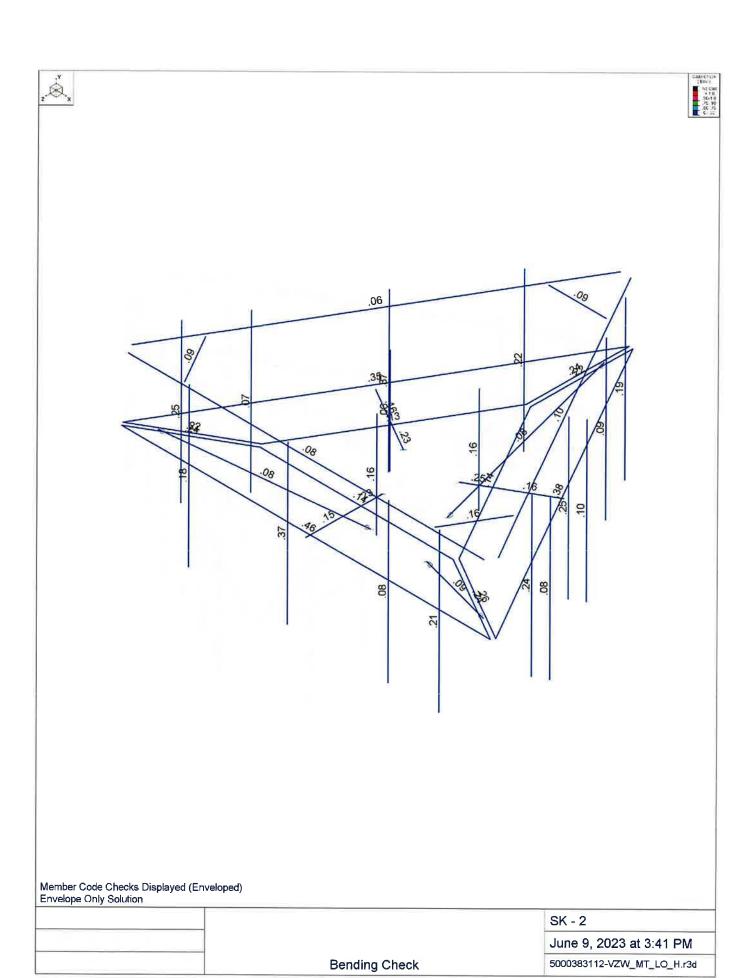






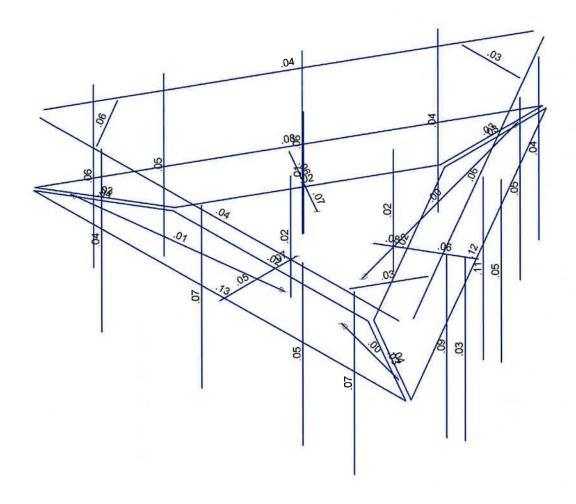


Envelope Only Solution		
		SK - 1
		June 9, 2023 at 3:41 PM
	Rendered Model	5000383112-VZW_MT_LO_H.r3d









Member Shear Checks Displayed (Enveloped) Envelope Only Solution

	SK - 3
	June 9, 2023 at 3:41 PM
Shear Check	5000383112-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					99			
2	Antenna Di	None					99	1/		
_ 3_	Antenna Wo (0 Deg)	None					99			
4	Antenna Wo (30 Deg)	None					99	1000		
5	Antenna Wo (60 Deg)	None					99			
6	Antenna Wo (90 Deg)	None					99			
7	Antenna Wo (120 Deg)	None					99			
8	Antenna Wo (150 Deg)	None					99	() = 1 ()		
9	Antenna Wo (180 Deg)	None					99			
10	Antenna Wo (210 Deg)	None					99	1 1 1		-
11	Antenna Wo (240 Deg)	None					99			
12	Antenna Wo (270 Deg)	None					99		- V	
13	Antenna Wo (300 Deg)	None					99			
14	Antenna Wo (330 Deg)	None			1000		99		I Taran	
15	Antenna Wi (0 Deg)	None					99			
16	Antenna Wi (30 Deg)	None	US .			ت بيارك.	99	MI ST	11 11	
17	Antenna Wi (60 Deg)	None					99			
18	Antenna Wi (90 Deg)	None	M			573	99			
19	Antenna Wi (120 Deg)	None					99			
20	Antenna Wi (150 Deg)	None					99			
21	Antenna Wi (180 Deg)	None					99			
22	Antenna Wi (210 Deg)	None		Design of the			99			
23	Antenna Wi (240 Deg)	None					99			
24	Antenna Wi (270 Deg)	None				THE REAL	99	1.00		
25	Antenna Wi (300 Deg)	None					99	E ST. T. T. T.		
26	Antenna Wi (330 Deg)	None	Table 1				99			
27	Antenna Wm (0 Deg)	None					99			
28	Antenna Wm (30 Deg)	None	×				99	-		-
29	Antenna Wm (60 Deg)	None						#		
	Antenna Wm (90 Deg)	None					99			
	Antenna Wm (120 Deg)	None					99	4		
	Antenna Wm (150 Deg)	None					99			
	Antenna Wm (180 Deg)						99			
_	Antenna Wm (210 Deg)	None					99			
	Antenna Wm (240 Deg)	None	-				99			
	Antenna Wm (270 Deg)	None					99			
		None					99			
	Antenna Wm (300 Deg)	None					99			
	Antenna Wm (330 Deg)	None					99			
39	Structure D	None		1					3	
40	Structure Di	None	1					44	3	
41	Structure Wo (0 Deg)	None			ļ.			88		
	Structure Wo (30 Deg)	None						88		to a little
	Structure Wo (60 Deg)	None						88		
	Structure Wo (90 Deg)	None						88		
	Structure Wo (120 D	None						88		
	Structure Wo (150 D	None				110 0 1		88		
	Structure Wo (180 D	None						88		
	Structure Wo (210 D	None						88		4
	Structure Wo (240 D	None						88		
	Structure Wo (270 D	None						88		
	Structure Wo (300 D	None						88		
	Structure Wo (330 D	None						88	N , 197	
53	Structure Wi (0 Deg)	None						88		

Basic Load Cases (Continued)

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed Area(Me,	Surface(P
54	Structure Wi (30 Deg)	None					V P	88	N. N.
55	Structure Wi (60 Deg)	None						88	
56	Structure Wi (90 Deg)	None	AT ST. MAL	1100	PHOT 34			88	
57	Structure Wi (120 De	None						88	
58	Structure Wi (150 De	None	II LE DECO		S 10 A		1,000	88	4-10-0
59	Structure Wi (180 De	None						88	
60	Structure Wi (210 De	None						88	
61	Structure Wi (240 De	None						88	
62	Structure Wi (270 De	None	100	- Femile	10 To 10 To 10			88	
63	Structure Wi (300 De	None						88	
64	Structure Wi (330 De	None	0 0 1 1 1 8			TV N	V. KOLT	88	
65	Structure Wm (0 Deg)	None						88	
66	Structure Wm (30 De	None				V TOOL		88	
67	Structure Wm (60 De	None						88	
68	Structure Wm (90 De	None	DOT OF THE					88	THE RESERVE
69	Structure Wm (120 D	None						88	
70	Structure Wm (150 D	None				TOTAL PARTY	IS THE	88	
71	Structure Wm (180 D	None						88	
72	Structure Wm (210 D	None				1 1 1 1 1 1 1		88	
73	Structure Wm (240 D	None						88	
74	Structure Wm (270 D	None	11-16-18			81.1	10.445	88	
75	Structure Wm (300 D	None						88	
76	Structure Wm (330 D.,	None				N T		88	
77	Lm1	None					1		
78	Lm2	None					1		
79	Lv1	None					1_		
80	Lv2	None					1		
81	Antenna Ev	None					99		
82	Antenna Eh (0 Deg)	None			OF VENT	1 7 7 7	66		
83	Antenna Eh (90 Deg)	None					66		
84	Structure Ev	ELY		039		Law Visi		3	
85	Structure Eh (0 Deg)	ELZ			097		-	3	
86	Structure Eh (90 Deg)	ELX	.097			5 - 2	100	3	
87	BLC 39 Transient Are	None						34	-
88	BLC 40 Transient Are	None	سلطات	1255	The said		100	34	
89	BLC 84 Transient Are	None						34	
90	BLC 85 Transient Are	None				W ==		34	
91	BLC 86 Transient Are	None						34	

Load Combinations

	Description	S P S	. B	. Fa.	E	3	Fa	В	Fa	В	Fa.	В	Fa.	B	Fa	.B	Fa.	.В.	Fa.	.B	.Fa	В.,	Fa
1	1.2D+1.0Wo (0 Deg)	Yes Y	1	-		_	1.2		1	41	1							_	_			_	
2	1,2D+1.0Wo (30 Deg)	Yes Y	1	1.2	2 3	39	1.2	4	1	42	1	-					1.5		-	10			
3	1.2D+1.0Wo (60 Deg)	Yes Y	1	1.2	2 3	39	1.2	5	1	43				1				_				-	
4	1.2D+1.0Wo (90 Deg)	Yes Y	1	1.3	2 3	39	1.2	6	1	44	_							1		1 3			
5	1.2D+1.0Wo (120 Deg)	Yes Y	1	-		_	1.2		1	45				_							_		
6	1.2D+1.0Wo (150 Deg)	Yes Y	1	1.3	2 3	39	1.2	8	1	46	1							15					
7	1.2D+1.0Wo (180 Deg)	Yes Y	1	1.3	2 3	39	1.2	9	1	47			_	-				_	-	-		_	
8	1.2D+1.0Wo (210 Deg)	Yes Y	1	1.3	2 3	39	1.2	10	1	48				- 10-									
9	1.2D+1.0Wo (240 Deg)	Yes Y	1	1.3	2 3	39	1.2	11	1	49							_			-		_	_
10	1.2D+1.0Wo (270 Deg)	Yes Y	1	-	_	-	****	12		50		1						+	-		115		
11	1.2D+1.0Wo (300 Deg)	Yes Y	1	-				13		51	_							-	-			-	-
12	1.2D+1.0Wo (330 Deg)	Yes Y	1	1.3	2 3	39	1.2	14	1	52		100											
13	1.2D + 1.0Di + 1.0Wi (0 Deg)	Yes Y	1	_	-	-	1.2		1	40	1	15	1	53			_	_					
14	1.2D + 1.0Di + 1.0Wi (30 Deg	Yes Y	1	1.	23	39	1.2	2	1	40	1	116	1	54	1			1	J.				

Load Combinations (Continued)

LUG	<u>u combinations (Contint</u>	reu;		_						_									_			
);	Description	S P	S B	Fa.	В	Fa.	В	Fa	В	Fa	В	Fa	В	Fa	В	Fa	B	Fa	R	Fa	B	Fa
15	1.2D + 1.0Di + 1.0Wi (60 Dea	Yes Y	1	1 2	39	12	2	1	40	1	17		55	1			1	T 0.			1	1 9
	1.2D + 1.0Di + 1.0Wi (90 Dea		1	1 2	39	12	2	1		1		1		1	1							
17	1.2D + 1.0Di + 1.0Wi (120 Deg)	Yes Y	1		39			1	40		19			1	-		+-	-		-		
18	1.2D + 1.0Di + 1.0Wi (150 Deg)	Yes Y	1		39				-								+				-	
19	1.2D + 1.0Di + 1.0Wi (180 Deg)	Yes Y						1	40		20			1			-	-		100		
20					39			1	40		21			1	-	_	_		_			_
	1.2D + 1.0Di + 1.0Wi (210 Deg)	Yes Y			39			1	40		22			1								
21	1,2D + 1.0Di + 1.0Wi (240 Deg)	Yes Y			39			1	40		23			1								
22	1.2D + 1.0Di + 1.0Wi (270 Deg)	Yes Y	_ 1	1.2	39	1.2	2	1	40	1	24	1	62	1						ĪΕΛ		
23	1.2D + 1.0Di + 1.0Wi (300 Deg)	Yes Y	1	1.2	39	1.2	2	1	40	1	25	1	63	1								
24	1.2D + 1.0Di + 1.0Wi (330 Deg)	Yes Y	1	1.2	39	1.2	2	1	40		26			1								TOTAL S
25	1.2D + 1.5Lm1 + 1.0Wm (0 Deg)	Yes Y			39			1.5			65	_	-						Т		-	
26	1.2D + 1.5Lm1 + 1.0Wm (30 Deg)				39							1								descr	100	0.50
27	1.2D + 1.5Lm1 + 1.0Wm (60 Deg)				39						67	_	_	-		-	-			-		
28	1.2D + 1.5Lm1 + 1.0Wm (90 Deg)				39						68					-					\vdash	
29	1.2D + 1.5Lm1 + 1.0Wm (120 Deg)												1000	-		-	-					
30	1.2D + 1.5Lm1 + 1.0Wm (150 Deg)				39						69						-				-	
	1.2D + 1.5Lm1 + 1.0Wm (180 Deg)				39						70											
31					39						71	_										
32	1.2D + 1.5Lm1 + 1.0Wm (210 Deg)				39						72											
33	1.2D + 1.5Lm1 + 1.0Wm (240 Deg)				39						73	1										
34	1.2D + 1.5Lm1 + 1.0Wm (270 Deg)				39						74	1	-		1 0	1	1	147	1			20
35	1.2D + 1.5Lm1 + 1.0Wm (300 Deg)		1	1.2	39	1.2	77	1.5	37	1	75	1										
36	1.2D + 1.5Lm1 + 1.0Wm (330 Deg)		1	1.2	39	1.2	77	1.5	38	1	76					100			100			
37	1.2D + 1.5Lm2 + 1.0Wm (0 Deg)	Yes Y			39						65											
38	1.2D + 1.5Lm2 + 1.0Wm (30 Deg)	Yes Y			39						66	_			0.1			i tro				
39	1.2D + 1.5Lm2 + 1.0Wm (60 Deg)	Yes V	1	1 2	39	1.2	78	1.5	20	1	67						-					
40	1.2D + 1.5Lm2 + 1.0Wm (90 Deg)		1	1.2	39	1.2	70	1.5	20	4							-	-				
41	1.2D + 1.5Lm2 + 1.0Wm (120 Deg)									-	68		HID									
42	1.2D + 1.5Lm2 + 1.0Wm (150 Deg)				39					1	69		_	_			_	-	_	_		
					39						70	-			1							
43	1.2D + 1.5Lm2 + 1.0Wm (180 Deg)				39						71	1										
44	1.2D + 1.5Lm2 + 1.0Wm (210 Deg)		1	1.2	39	1.2	78	1.5	34	1	72	1	US	M ,								
45	1.2D + 1.5Lm2 + 1.0Wm (240 Deg)		1	1.2	39	1.2	78	1.5	35	1	73	1										
46	1.2D + 1.5Lm2 + 1.0Wm (270 Deg)				39						74	1				J. UU		U.F.			N	
47	1.2D + 1.5Lm2 + 1.0Wm (300 Deg)	Yes Y			39						75	1										
48	1.2D + 1.5Lm2 + 1.0Wm (330 Deg)	Yes Y			39						76	_	ILIPS.							E 8		
49	1.2D + 1.5Lv1	Yes Y			39																	
50	1.2D + 1.5Lv2	Yes Y			39																	
51	1.4D	Yes Y			39		OU	1.0		_			U.S.						0.00			
52	1.2D + 1.0Ev + 1.0Eh (0 Deg)						04	4	-	4	00	4	00	and a	_	4						
53	100 100 100				39		81		E	1	82	1	83			1			7.1			
		Yes Y			39									.5								
54	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Yes Y			39				E		82	.5		.866	E	.5	E	.866				
55		Yes Y			39				E		82		83		E		E	1				
56		Yes Y			39			1	E									.866				
57	1.2D + 1.0Ev + 1.0Eh (150 Deg)	Yes Y			39				E	1	82	8	83	.5	E	8	E	.5				
58	1.2D + 1.0Ev + 1.0Eh (180 Deg)	Yes Y			39				E			-1				-1						
59		Yes Y			39				E									5				
60		Yes Y			39					1								8				T-
61		Yes Y			39				E		82			-1				-1				-
62		Yes Y			39													8				
63		Yes Y			39		01		E													
64	0.9D - 1.0Ev + 1.0Eh (0 Deg)						0.1	1										5				
			1		39				E		82		83			1						
	0.9D - 1.0Ev + 1.0Eh (30 Deg)		1		39				E					.5							\perp	
	0.9D - 1.0Ev + 1.0Eh (60 Deg)		1		39											.5		.866		100		
	0.9D - 1.0Ev + 1.0Eh (90 Deg)		1		39						82		83				E	1				
68		Yes Y	1		39			-1	E									.866	7			100
69		Yes Y	1		39				E					.5				.5				
70	0.9D - 1.0Ev + 1.0Eh (180 Deg)	Yes Y	1		39							-1				-1					100	
71		Yes Y	1		39													- 5				
			4 4			- I	- 1					- 445						·U	_		_	

Load Combinations (Continued)

	Description	S P S.	B	Fa	B	Fa	.B	Fa	.B Fa.	B	Fa	B	Fa	.B	Fa	.B	FaB.	Fa.	B	Fa
72	0.9D - 1.0Ev + 1.0Eh (240 Deg)	Yes Y	1	.9	39	.9	81	-1	E1	82	5	83	8	.E	5	E	8			
73	0.9D - 1.0Ev + 1.0Eh (270 Deg)	Yes Y	1	.9	39	.9	81	-1	E1	82		83	-1	E		E	-1			
74	0.9D - 1.0Ev + 1.0Eh (300 Deg)	Yes Y	1	.9	39	.9	81	-1	E1	82	.5	83	8	.E	.5	E	8			
75	0.9D - 1.0Ev + 1.0Eh (330 Deg)	Yes Y	1	.9	39	.9	81	-1	E1	82	.866	83	5	E.,,	.866	E	5			

Joint Coordinates and Temperatures

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap.
1	N1	Ó	-0.166667	0.291667	0	
2	N2	7	0	0.291667	0	
3	N3	-7	0	0.291667	0	
4	N4	0	0	-1.625	0	
5	N5	3.666667	0	-1.625	0	
6	N6	-3.666667	0	-1.625	0	
7	N7	0	-0.166667	-2.604167	0	
8	N8	0	0	-3.833333	0	
9	N23A	0	0	0.291667	0	
10	N26	0	-0.166667	-1.625	0	
11	N11	3.572355	-0.166667	-5.895833	0	
12	N12	0.072355	0	-11.958011	0	
13	N13	7.072355	0	0.166344	0	
14	N14	1.912473	0	-4.9375	0	
15	N15	0.079139	0	-8.112926	0	
16	N16	3.745806	0	-1.762074	0	
17	N17	1.06449	-0.166667	-4.447917	0	
18	N19	3.572355	0	-5.895833	0	
19	N20	1.912473	-0.166667	-4.9375	0	
20	N21	-3.572355	-0.166667	-5.895833	0	
21	N22	-7.072355	0	0.166344	0	
22	N23	-0.072355	0	-11.958011	0	
23	N24	-1.912473	0	-4.9375	0	
24	N25	-3.745806	0	-1.762074	0	
25	N26A	-0.079139	0	-8.112926	0	
26	N27	-1.06449	-0.166667	-4.447917	0	
27	N29	-3.572355	0	-5.895833	0	
28	N30	-1.912473	-0.166667	-4.9375	0	
29	N29A	0.075747	0	-10.035469	0	
30	N30A	-0.075747	Ö	-10.035469	0	
31	N36	-5.40908	0	-0.797865	0	
32	N37	-5.333333	0	-0.666667	0	
33	N43	5.333333	0	-0.666667	0	
34	N44	5.40908	0	-0.797865	0	
35	N35	5.3125	0	0.291667	0	
36	N36A	5.3125	0	0.541667	0	
37	N37A	5.3125	2.875	0.541667	-0	
38	N38	5.3125	-3.125	0.541667	0	
39	N39	3.375	0.120	0.291667	0	
	N40	3.375	0	0.541667	0	
40	N41	3.375	2.875	0.541667	0	
41		3.375	-3.125	0.541667	0	
42	N42 N43A	-0.4375	0	0.291667	0	
43			0	0.541667	0	
44	N44A	-0.4375	2.875	0.541667	0	
45	N45	-0.4375	-3.125	0.541667	0	
46	N46	-0.4375		0.291667	0	
47	N47	-4.1875	0	0.541667	0	
48	N48	-4.1875	U	0.34 007	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap
49	N49	-4.1875	2.875	0.541667	0	Detacit From Diap
50	N50	-4.1875	-3.125	0.541667	0	
51	N52	0.916105	0	-10.496593	0	
52	N53	1.132611	0	-10.621593	0	
53	N54	1.132611	2.875	-10.621593	0	
54	N55	1.132611	-3.125	-10.621593	0	
55	N56	1.884855	0	-8.818669	0	
56	N57	2.101361	0	-8.943669	0	
57	N58	2.101361	2.875	-8.943669	0	
58 59	N59	2.101361	-3.125	-8.943669	0	
60	N60 N61	3.791105	0	-5.516947	0	
61	N62	4.007611 4.007611	0	-5.641947	0	
62	N63	4.007611	2.875 -3.125	-5.641947 -5.641947	0	
63	N64	5.666105	-3.125	-2.269352	0	
64	N65	5.882611	0	-2.394352	0	
65	N66	5.882611	2.875	-2.394352	0	
66	N67	5.882611	-3.125	-2.394352	0	
67	N69	-6.228605	0	-1.295073	0	
68	N70	-6.445111	0	-1.420073	Ö	
69	N71	-6.445111	2.875	-1.420073	Ö	
70	N72	-6.445111	-3.125	-1.420073	Ö	
71	N73	-5.259855	0	-2.972998	0	
72	N74	-5.476361	0	-3.097998	0	
73	N75	-5.476361	2.875	-3.097998	0	
74	N76	-5.476361	-3.125	-3.097998	0	
75	N77	-3.353605	0	-6.274719	0	
76	N78	-3.570111	0	-6.399719	0	
77	N79	-3.570111	2.875	-6.399719	0	
78	N80	-3.570111	-3.125	-6.399719	0	
79	N81	-1.478605	0	-9.522315	0	
80	N82	-1.695111	0	-9.647315	0	E Complete
81	N83 N84	-1.695111	2.875	-9.647315	0	
83	N83A	-1.695111	-3.125	-9.647315	0	
84	N84A	4.007611 4.007611	1.875	-5.641947	0	
85	N85	4.440624	-2.125 1.875	-5.641947	0	
86	N86	4.440624	-2.125	-5.891947 -5.891947	0	
87	N87	4.440624	2.875	-5.891947	0	
88	N88	4.440624	-3.125	-5.891947	0	
89	N89	6.75	2.5	0.291667	0	
90	N90	-6.75	2.5	0.291667	0	
91	N91	5.3125	2.5	0.291667	0	
92	N92	5.3125	2.5	0.541667	Ö	
93	N93	3.375	2.5	0.291667	0	
94	N94	3.375	2.5	0.541667	0	
95	N95	-0.4375	2.5	0.291667	0	
96	N96	-0.4375	2.5	0.541667	0	
97	N97	-4.1875	2.5	0.291667	0	
98	N98	-4.1875	2.5	0.541667	0	
99	N100	0.197355	2.5	-11.741505	0	
100	N101	6.947355	2.5	-0.050162	0	
101	N102	0.916105	2.5	-10.496593	0	
102	N103	1.132611	2.5	-10.621593	0	
103	N104	1.884855	2.5	-8.818669	0	
104	N105	2.101361	2.5	-8.943669	0	
105	N106	3.791105	2.5	-5.516947	0	



Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap
106	N107	4.007611	2.5	-5.641947	0	
107	N108	5.666105	2.5	-2.269352	0	
108	N109	5.882611	2.5	-2.394352	0	
109	N111	-6.947355	2.5	-0.050162	0	
110	N112	-0.197355	2.5	-11.741505	0	
111	N113	-6.228605	2.5	-1.295073	0	
112	N114	-6.445111	2.5	-1.420073	0	
113	N115	-5.259855	2.5	-2.972998	0	
114	N116	-5.476361	2.5	-3.097998	0	
115	N117	-3.353605	2.5	-6.274719	0	
116	N118	-3.570111	2.5	-6.399719	0	A SUPERINGE
117	N119	-1.478605	2.5	-9.522315	0	
118	N120	-1.695111	2.5	-9.647315	0	
119	N119A	-4.75	2.5	0.291667	0	
120	N120A	4.75	2.5	0.291667	0	
121	N121	-4.75	2.5	0.166667	0	
122	N122	4.75	2.5	0.166667	0	N 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
123	N124	5.947355	2.5	-1.782213	0	
124	N125	1.197355	2.5	-10.009454	0	
	N126	5.839102	2.5	-1.719713	0	
125	N127	1.089102	2.5	-9.946954	0	
126	N129	-1.197355	2.5	-10.009454	0	
127		-5.947355	2.5	-1.782213	0	
128	N130		2.5	-9.946954	0	
129	N131	-1.089102	2.5	-1.719713	0	
130	N132	-5.839102		-10.958011	0	
131	N131A	0.072355	0	-10.958011	0	
132	N132A	-0.072355	0	-10.958011	0	
133	N133	-0.			0	
134	N134	-0 .	-2.166667	-5.0625 -3.833333	0	
135	N135	0	-2	-3.21875	0	
136	N136	-1.06449	-2.166667		0	
137	N137	1.06449	-2.166667	-3.21875	0	
138	N139	-6.206329	0	-0.333656	0	
139	N140	-6.133975	0	-0.208333	0	
140	N141	-6.170152	0	-0.270994		
141	N144	6.133975	0	-0.208333	0	
142	N145	6.206329	0	-0.333656		
143	N146	6.170152	0	-0.270994	0	
144	N146A	5.882611	1.875	-2.394352	0	
145	N147	5.882611	-2.125	-2.394352	0	
146	N148	6.315624	1.875	-2.644352	0	
147	N149	6.315624	-2.125	-2.644352	0	
148	N150	6.315624	2.875	-2.644352	0	
149	N151	6.315624	-3.125	-2.644352	0	
150	N150A	0	-0.166667	-2.125	0	
151	N151A	.25	-0.166667	-2.125	0	
152	N152	.25	-1.166667	-2.125	0	15.
153	N153	.25	2.833333	-2.125	00	
154	N155	1.47946	-0.166667	-4.6875	0	
155	N156	1.35446	-0.166667	-4.904006	0	
156	N157	1.35446	-1.166667	-4.904006	0	
157	N158	1.35446	2.833333	-4.904006	0	
158	N160	-1.47946	-0.166667	-4.6875	0	
159	N161	-1.60446	-0.166667	-4.470994	0	
160	N162	-1.60446	-1.166667	-4.470994	0	
161	N163	-1.60446	2.833333	-4.470994	0	

Hot Rolled Steel Section Sets

	Label	Shape	Type	Design List	Material	Design R	A [in2]	lyy [in4]	Izz [in4]	J [in4]
1	Back Standoff HSS	HSS4X4X5	Beam	Tube	A500 Gr. B 46			9.14	9.14	15.3
2	Platform Angle	L3X3X5	Beam	Single Angle	A36 Gr.36	Typical	1.78	1.5	1.5	.06
3	Mount Pipe	PIPE 2.0	Column	Pipe	A53 Gr. B	Typical	1.02	.627	.627	1.25
4	Front Standoff HSS	HSS4.5X4.5X3	Beam	Tube	A500 Gr. B 46	Typical	2.93	9.02	9.02	14.4
5	MOD Support Rail	PIPE 2.5	Beam	Pipe	A53 Gr. B	Typical	1,61	1.45	1.45	2.89
6	MOD Comer Angle	L3X3X4	Beam	Single Angle	A36 Gr.36	Typical	1.44	1.23	1.23	.031
7	MOD Kicker	LL3x3x3x6	Column	Double Angle (3/8	A36 Gr.36	Typical	2.18	4.97	1.9	.027

Hot Rolled Steel Properties

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

Member Primary Data

111	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Туре	Design List	Material	Design Rules
1	M1	N3	N2		270	Platform Angle	Beam	Single Angle	A36 Gr.36	Typical
2	M2	N2	N5		270	Platform Angle	Beam	Single Angle	A36 Gr.36	Typical
3	M3	N5	N6		270	Platform Angle	Beam	Single Angle	A36 Gr.36	Typical
4	M4	N6	N3		270	Platform Angle	Beam	Single Angle		Typical
5	M5	N7	N26			Back Standoff	Beam		A500 Gr	Typical
6	M22	N23A	N1			RIGID	None	None	RIGID	Typical
7	M23	N4	N26			RIGID	None	None	RIGID	Typical
8	M8	N26	N1			Front Standoff	Beam	Tube	A500 Gr	Typical
9	M9	N13	N12		270	Platform Angle	Beam	Single Angle	A36 Gr.36	Typical
10	M10	N12	N15		270	Platform Angle	Beam	Single Angle	A36 Gr.36	Typical
11	M11	N15	N16		270	Platform Angle	Beam	Single Angle	A36 Gr.36	Typical
12	M12	N16	N13	1	270	Platform Angle	Beam	Single Angle	A36 Gr.36	Typical
13	M13	N17	N20			Back Standoff	Beam		A500 Gr	Typical
14	M14	N19	N11			RIGID	None	None	RIGID	Typical
15	M15	N14	N20			RIGID	None	None	RIGID	Typical
16	M16	N20	N11			Front Standoff	Beam	Tube	A500 Gr	Typical
17	M17	N23	N22		270	Platform Angle	Beam	Single Angle	A36 Gr.36	Typical
18	M18	N22	N25	0.00	270	Platform Angle	Beam	Single Angle	A36 Gr.36	Typical
19	M19	N25	N26A		270	Platform Angle	Beam	Single Angle	A36 Gr.36	Typical
20	M20	N26A	N23	- 10 - 10 - 10 - 10 - 10 - 10 - 10 - 10	270	Platform Angle	Beam	Single Angle	A36 Gr.36	Typical
21	M21	N27	N30			Back Standoff	Beam		A500 Gr	Typical
22	M22A	N29	N21			RIGID	None	None	RIGID	Typical
23	M23A	N24	N30			RIGID	None	None	RIGID	Typical
24	M24	N30	N21		7115	Front Standoff	Beam	Tube	A500 Gr	Typical
25	M25	N26A	N15			RIGID	None	None	RIGID	Typical
26	M26	N30A	N29A			RIGID	None	None	RIGID	Typical
27	M27	N23	N12			RIGID	None	None	RIGID	Typical
28	M28	N6	N25			RIGID	None	None	RIGID	Typical
29	M29	N37	N36			RIGID	None	None	RIGID	Typical
30	M30	N3	N22			RIGID	None	None	RIGID	Typical
31	M31	N16	N5			RIGID	None	None	RIGID	Typical
32	M32	N44	N43	HIT E		RIGID	None	None	RIGID	Typical
33	M33	N13	N2			RIGID	None	None	RIGID	Typical
34	M34	N35	N36A			RIGID	None	None	RIGID	Typical

Member Primary Data (Continued)

	Label	1 Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Туре	Design List		Design Rules
35	MP1A	N37A	N38			Mount Pipe	Column	Pipe	A53 Gr. B	
36	M36	N39	N40			RIGID	None	None	RIGID	Typical
37	MP2A	N41	N42			Mount Pipe	Column	Pipe	A53 Gr. B	Typical
38	M38	N43A	N44A			RIGID	None	None	RIGID	Typical
39	MP3A	N45	N46			Mount Pipe	Column	Pipe	A53 Gr. B	Typical
40	M40	N47	N48		March -	RIGID	None	None	RIGID	Typical
41	MP4A	N49	N50			Mount Pipe	Column	Pipe	A53 Gr. B	Typical
42	M42	N52	N53		TABLE !	RIGID	None	None	RIGID	Typical
43	MP1C	N54	N55			Mount Pipe	Column	Pipe	A53 Gr. B	
44	M44	N56	N57			RIGID	None	None	RIGID	Typical
45	MP2C	N58	N59			Mount Pipe	Column	Pipe	A53 Gr. B	Typical
46	M46	N60	N61			RIGID	None	None	RIGID	Typical
47	MP3CA	N62	N63			Mount Pipe	Column	Pipe	A53 Gr. B	Typical
48	M48	N64	N65			RIGID	None	None	RIGID	Typical
49	MP4CA	N66	N67			Mount Pipe	Column	Pipe	A53 Gr. B	Typical
50	M50	N69	N70			RIGID	None	None	RIGID	Typical
51	MP1B	N71	N72			Mount Pipe	Column	Pipe	A53 Gr. B	Typical
52	M52	N73	N74			RIGID	None	None	RIGID	Typical
53	MP2B	N75	N76			Mount Pipe	Column	Pipe	A53 Gr. B	Typical
54	M54	N77	N78			RIGID	None	None	RIGID	Typical
55	MP3B	N79	N80			Mount Pipe	Column	Pipe	A53 Gr. B	Typical
56	M56	N81	N82			RIGID	None	None	RIGID	Typical
57	MP4B	N83	N84			Mount Pipe	Column	Pipe	A53 Gr. B	
58	M58	N83A	N85			RIGID	None	None	RIGID	Typical
59	M59	N84A	N86			RIGID	None	None	RIGID	Typical
60	MP3C	N87	N88	W		Mount Pipe	Column	Pipe	A53 Gr. B	
61	M61	N90	N89		270	MOD Support	Beam	Pipe	A53 Gr. B	
62	M62	N91	N92			RIGID	None	None	RIGID	Typical
63	M63	N93	N94			RIGID	None	None	RIGID	Typical
64	M64	N95	N96			RIGID	None	None	RIGID	Typical
65	M65	N97	N98			RIGID	None	None	RIGID	Typical
66	M66	N101	N100		270	MOD Support	Beam	Pipe	A53 Gr. B	
67	M67	N102	N103			RIGID	None	None	RIGID	Typical
68	M68	N104	N105			RIGID	None	None	RIGID	Typical
69	M69	N106	N107			RIGID	None	None	RIGID	Typical
70	M70	N108	N109	A Barrie		RIGID	None	None	RIGID	Typical
71	M71	N112	N111		270	MOD Support	Beam	Pipe	A53 Gr. B	Typical
72	M72	N113	N114	0		RIGID	None	None	RIGID	Typical
73	M73	N115	N116			RIGID	None	None	RIGID	Typical
74	M74	N117	N118	TV TO THE		RIGID	None	None	RIGID	Typical
75	M75	N119	N120			RIGID	None	None	RIGID	Typical
76	M76	N119A	N121			RIGID	None	None	RIGID	Typical
77	M77	N120A	N122			RIGID	None	None	RIGID	Typical
78	M78	N124	N126	UNIV.	Annual Control	RIGID	None	None	RIGID	Typical
79	M79	N125	N127			RIGID	None	None	RIGID	Typical
80	M80	N129	N131			RIGID	None	None	RIGID	Typical
81	M81	N130	N132			RIGID	None	None	RIGID	Typical
82	M82	N121	N132		90	MOD Corner A.		Single Angle		Typical
83	M83	N126	N122		90	MOD Corner A.		Single Angle		Typical
84	M84	N131	N127	100	90	MOD Corner A.		Single Angle		Typical
85	M85	N132A	N131A			RIGID	None	None	RIGID	Typical
86	M86	N133	N134			MOD Kicker	Column	Double Angle (.	. A36 Gr.36	Typical
87	M87	N140	N139			RIGID	None	None	RIGID	Typical
88	M88	N141	N136			MOD Kicker		Double Angle (.	A36 Gr.36	Typical
89	M89	N145	N144			RIGID	None	None	RIGID	Typical
90	M90	N146	N137			MOD Kicker	Column	Double Angle (.		Typical
1 70	IVIOU	14140	N148			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
92	M92	N147	N149		niem i	RIGID	None	None	RIGID	Typical
93	MP4C	N150	N151			Mount Pipe	Column	Pipe	A53 Gr. B	
94	M94	N150A	N151A	Triple.	THE RESERVE	RIGID	None	None	RIGID	Typical
95	M95	N153	N152			Mount Pipe	Column	Pipe	A53 Gr. B	
96	M96	N155	N156			RIGID	None	None	RIGID	Typical
97	M97	N158	N157			Mount Pipe	Column	Pipe	A53 Gr. B	
98	M98	N160	N161			RIGID	None	None	RIGID	Typical
99	M99	N163	N162			Mount Pipe	Column	Pipe	A53 Gr. B	

Member Advanced Data

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat	Analysis	Inactive	Seismic
1	M1						Yes				None
2	M2				S-THE BLOOM	The same of	Yes				None
3	M3						Yes				None
4	M4						Yes		A200 F		None
5	M5						Yes				None
6	M22						Yes	** NA **	ا و ما براندا		None
7	M23						Yes	** NA **			None
8	M8						Yes				None
9	M9						Yes				None
10	M10						Yes				None
11	M11						Yes				None
12	M12						Yes	The Di			None
13	M13						Yes				None
14	M14						Yes	** NA **		200	None
15	M15						Yes	** NA **			None
16	M16				veri e e e		Yes				None
17	M17						Yes				None
18	M18						Yes				None
19	M19						Yes				None
20	M20			30.7			Yes				None
21	M21						Yes				None
22	M22A						Yes	** NA **			None
23	M23A						Yes	** NA **			None
24	M24			AT THE OWNER			Yes				None
25	M25	000000					Yes	** NA **			None
26	M26	000000					Yes	** NA **			None
27	M27	000000					Yes	** NA **			None
28	M28	000000		No.			Yes	** NA **		1000	None
29	M29	000000					Yes	** NA **			None
30	M30	000000	Section 1				Yes	** NA **			None
31	M31	00000					Yes	** NA **			None
32	M32	000000		King and the latest			Yes	** NA **			None
33	M33	00000					Yes	** NA **			None
34	M34						Yes	** NA **		8.1	None
35	MP1A						Yes	** NA **			None
36	M36		20 00 50	- : c - 1	THE PARTY	57 77 77	Yes	** NA **		1000	None
37	MP2A						Yes	** NA **		7.55	None
38	M38					Thronia.		** NA **			None
39	MP3A						Yes	** NA **			None
40	M40				(STEERNESS)		Yes	** NA **			None
41	MP4A						Yes	** NA **			None
42	M42							** NA **			None
43	MP1C							** NA **			None
44	M44		2 - 1				Yes	** NA **			None

Member Advanced Data (Continued)

46	MP2C M46 MP3CA M48 MP4CA M50 MP1B M52 MP2B M54 MP3B M56 MP4B M58 M59 MP3C M61 M62 M63 M64 M65						Yes	** NA ** ** NA **		None None None None None None None None
46	MP3CA M48 MP4CA M50 MP1B M52 MP2B M54 MP3B M56 MP4B M58 M59 MP3C M61 M62 M63 M64						Yes	** NA **		None None None None None None None
47 M 48 49 M 50 51 N 52 53 N 54 55 N 56 57 N 58 59 60 N 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80	MP3CA M48 MP4CA M50 MP1B M52 MP2B M54 MP3B M56 MP4B M58 M59 MP3C M61 M62 M63 M64						Yes Yes Yes Yes Yes Yes Yes Yes Yes	** NA **		None None None None None
48 49 M 50 51 N 52 53 N 54 55 N 56 57 N 58 59 60 N 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80	M48 MP4CA M50 MP1B M52 MP2B M54 MP3B M56 MP4B M58 M59 MP3C M61 M62 M63 M64						Yes Yes Yes Yes Yes Yes Yes	** NA ** ** NA ** ** NA ** ** NA **		None None None None
49 M 50 51 N 52 53 N 54 55 N 56 57 N 58 59 60 N 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80	MP4CA M50 MP1B M52 MP2B M54 MP3B M56 MP4B M58 M59 MP3C M61 M62 M63 M64						Yes Yes Yes Yes Yes	** NA ** ** NA ** ** NA **		None None None
50 51 M 52 53 M 54 55 M 56 57 M 58 59 60 M 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 80	M50 MP1B M52 MP2B M54 MP3B M56 MP4B M58 M59 MP3C M61 M62 M63 M64						Yes Yes Yes Yes	** NA ** ** NA ** ** NA **		None None
51 M 52 53 M 54 55 M 56 57 M 58 59 60 M 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80	MP1B M52 MP2B M54 MP3B M56 MP4B M58 M59 MP3C M61 M62 M63 M64						Yes Yes Yes	** NA ** ** NA **	orani ili	None None
52 53 N 54 55 N 56 57 N 58 59 60 N 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80	M52 MP2B M54 MP3B M56 MP4B M58 M59 MP3C M61 M62 M63 M64						Yes Yes Yes	** NA ** ** NA **		None
53 M 54 S 55 M 56 S 57 M 58 S 59 GO M 61 G2 G3 G4 G5 G6 G7 G8 G9 T0 T1 T2 T3 T4 T5 T6 T7 T8 T9 80	MP2B M54 MP3B M56 MP4B M58 M59 MP3C M61 M62 M63 M64				Eq.V ()		Yes Yes	** NA **	(Color of the	
54	M54 MP3B M56 MP4B M58 M59 MP3C M61 M62 M63 M64						Yes	** NA **	CONTRACTOR OF	
55 N 56 S 57 N 58 S 59 60 N 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80	MP3B M56 MP4B M58 M59 MP3C M61 M62 M63 M64				Sun Eli					
56 57 N 58 59 60 N 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80	M56 MP4B M58 M59 MP3C M61 M62 M63 M64	No.			Sell Si		Yes	** NA **		None
57 M 58 59 60 M 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80	MP4B M58 M59 MP3C M61 M62 M63 M64						Yes	** NA **		None
58 59 60 N 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80	M58 M59 MP3C M61 M62 M63 M64						Yes	** NA **		None
59 60 M 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80	M59 MP3C M61 M62 M63 M64						Yes	** NA **	- mea	None
60 M 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79	MP3C M61 M62 M63 M64						Yes	** NA **		None
61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79	M61 M62 M63 M64				#1900.771		Yes	** NA **	SARKET	None
62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79	M62 M63 M64						Yes	1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -		None
63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79	M63 M64					La Carti	Yes	** NA **		None
64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79	M64						Yes	** NA **		None
65 66 67 68 69 70 71 72 73 74 75 76 77 78 79							Yes	** NA **		None
66 67 68 69 70 71 72 73 74 75 76 77 78 79	MB5				CI - D3		Yes	** NA **		None
67 68 69 70 71 72 73 74 75 76 77 78 79								I NA	242	None
68 69 70 71 72 73 74 75 76 77 78 79	M66						Yes	** NA **		None
69 70 71 72 73 74 75 76 77 78 79	M67						Yes		THE RESERVE TO SERVE	
70 71 72 73 74 75 76 77 78 79	M68		3 15				Yes	** NA **		None
71 72 73 74 75 76 77 78 79 80	M69						Yes	** NA **		None
72 73 74 75 76 77 78 79 80	M70				E 2500 S		Yes	** NA **		None
73 74 75 76 77 78 79 80	M71						Yes	44 5 1 5 4 4 5		None
74 75 76 77 78 79 80	M72				THE RESERVE	B	Yes	** NA **		None
75 76 77 78 79 80	M73						Yes	** NA **		None
76 77 78 79 80	M74				200		Yes	** NA **	2.004	None
77 78 79 80	M75						Yes	** NA **		None
78 79 80	M76		000000				Yes	** NA **		None
79 80	M77		000000				Yes	** NA **		None
80	M78		000000				Yes	** NA **		None
80	M79		000000				Yes	** NA **		None
	M80		000000				Yes	** NA **		None
81	M81		000000				Yes	** NA **		None
	M82						Yes		SALE .	None
	M83						Yes			None
	M84						Yes		Yhar-	None
	M85						Yes	** NA **		None
	M86	BenPIN	BenPIN				Yes	** NA **		None
	M87	Doi: iit					Yes	** NA **		None
	M88	BenPiN	BenPIN				Yes	** NA **		None
	M89	JUIN 114	ALTIO MAI				Yes	** NA **		None
	M90	BenPIN	BenPIN		1,		Yes	** NA **	THE STATE OF THE S	None
	M91	Delli IIA	DOM IN				Yes	** NA **		None
	M92	N					Yes	** NA **	OTTO THE NEW	None
							Yes	** NA **		None
	MP4C M94					3-1-1	Yes	** NA **		None
94							Yes	** NA **		None
	M95			310			Yes	** NA **	22-74-17-1	None
	MACC						Yes	** NA **		None
	M96							** NA **		None
98 99	M96 M97 M98	55-0					Yes	** NA **		None

Member Point Loads (BLC 1 : Antenna D)

1 1	Member Label MP4A	Direction	Magnitude[lb,k-ft]	Location[ft,%]
2	MP4A MP4A	Y	-43.55	2
3	MP4A MP4A	My Mz	022 0	2
4	MP4A	Y	-43.55	2
5	MP4A	My	022	4
6	MP4A	Mz	0	4
7	MP4B	Y	-43.55	2
8	MP4B	My	.011	2
9	MP4B	Mz	019	2
10	MP4B	Y	-43.55	4
11	MP4B	My	.011	4
12	MP4B	Mz	019	delegation 40 cm = 5 m (\$1) 2.3
13	MP4C	Y	-43.55	2
14	MP4C	My	0	2
15	MP4C	Mz	.022	2
16	MP4C	Y	-43.55	4
17	MP4C	My	0	4
18	MP4C	Mz	.022	4
19	MP2A	Y	-74.7	1.5
20	MP2A	My	.037	1.5
21	MP2A	Mz	0	1.5
22	MP2B	Y	-74.7	1.5
23	MP2B	My	019	1.5
24	MP2B	Mz	.032	1.5
25	MP2C	Y	-74.7	1.5
26	MP2C	My	0	1.5
27	MP2C	Mz	037	1.5
28	MP3A	Υ	-70.3	1.5
29	MP3A	My	.035	1.5
30	MP3A	Mz	0	1.5
31	MP3B	Υ	-70.3	1.5
32	MP3B	My	018	1.5
33	MP3B	Mz	.03	1.5
34	MP3C	Υ	-70.3	1.5
35	MP3C	My	0	1.5
36	MP3C	Mz	035	1.5
37	MP1B	Υ	-9.6	.5
38	MP1B	My	.002	.5
39	MP1B	Mz	004	.5
40	MP1B	Υ	-9.6	5.5
41	MP1B	My	.002	5.5
42	MP1B	Mz	004	5.5
43	MP1C	Y	-6	1.5
44	MP1C	My	0	1.5
45	MP1C	Mz	.003	1.5
46	MP1C	Υ	-6	4.5
47	MP1C	My	0	4.5
48	MP1C	Mz	.003	4.5
49	MP1A	Y	-9	.5
50	MP1A	My	004	.5
51	MP1A	Mz	0	.5
52	MP1A	Y	-9	5.5
53	MP1A	My	004	5.5
54	MP1A	Mz	0	5.5
55	MP3A	Y	-20	.5
56	MP3A	My	01	.5



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

Memb	er Label Direction	Magnitude[lb,k-ft]	Location[ft,%]
	P3A Mz	.012	.5
	P3A Y	-20	5.5
	P3A My	01	5.5
	P3A Mz	.012	5.5
61 Mi	P3B Y	-20	.5
	P3B My	005	.5
	P3B Mz	014	.5
64 MI	P3B Y	-20	5.5
	P3B My	005	5.5
66 MI	P3B Mz	014	5.5
	P3C Y	-20	.5
	P3C My	.012	.5
	P3C Mz	.01	.5
	P3C Y	-20	5.5
	P3C My	.012	5.5
	P3C Mz	.01	5.5
73 M	P3A Y	-20	.5
	P3A My	01	.5
	P3A Mz	012	.5
76 M	P3A Y	-20	5.5
	P3A My	01	5.5
	P3A Mz	012	5.5
79 M	P3B Y	-20	.5
	P3B My	.015	.5
	P3B Mz	003	.5
	P3B Y	-20	5.5
	P3B My	.015	5.5
	P3B Mz	003	5.5
	P3C Y	-20	.5
	P3C My	012	.5
	P3C Mz	.01	.5
	P3C Y	-20	5.5
	P3C My	012	5.5
90 MI	P3C Mz	.01	5.5
	199 Y	-22.1	1
	199 My	0	
	199 Mz	0	1
	197 Y	-32	religion 11 years near
	197 My	0	1
96 M	197 Mz	0	1
	195 Y	-32	1
	195 My	0	
99 M	195 Mz	0	1

Member Point Loads (BLC 2 : Antenna Di)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	Υ	-54.72	2
2	MP4A	My	027	2
3	MP4A	Mz	0	2
4	MP4A	Y	-54.72	4
5	MP4A	My	027	4
6	MP4A	Mz	0	4
7	MP4B	Y	-54.72	2
8	MP4B	Mv	.014	2
9	MP4B	Mz	024	2
10	MP4B	Y	-54.72	4

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

	ber Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
	/IP4B	My	.014	4
	/IP4B	Mz	024	4
13 N	1P4C	Y	-54.72	2
14 N	1P4C	My	0	2
	1P4C	Mz	.027	2
	1P4C	Y	-54.72	4
	1P4C	My	0	4
	IP4C	Mz	.027	4
	1P2A	Y	-69.503	1.5
	1P2A	My	.035	1.5
	IP2A	Mz		
	MP2B	Y	0	1.5
			-69.503	1.5
23 N	MP2B	My	017	1.5
	MP2B	Mz	.03	1.5
	IP2C	Y	-69.503	1.5
26 N	IP2C	My	0	1.5
	IP2C	Mz	035	1.5
	1P3A	Y	-66.296	1.5
29 N	1P3A	My	.033	1.5
	1P3A	Mz	0	1.5
31 N	1P3B	Y	-66.296	1.5
	1P3B	My	017	1.5
	îP3B	Mz	.029	1.5
	IP3C	Y	-66.296	1.5
	IP3C	My	0	1.5
	IP3C	Mz	033	1.5
	1P1B	Y	-77.625	1.5
	IP1B	My	.019	.5
	IP1B	Mz		.5
	IP1B	Y	034	.5
			-77.625	5.5
	IP1B	My	.019	5.5
	IP1B	Mz	034	5.5
	P1C	Y	-47.799	1.5
	P1C	My	0	1.5
	P1C	Mz	.024	1.5
	P1C	Y	-47.799	4.5
	P1C	My	0	4.5
	P1C	Mz	.024	4.5
	IP1A	Y	-69.019	.5
50 N	IP1A	My	035	.5
	IP1A	Mz	0	.5
52 N	IP1A	Y	-69.019	5.5
53 N	IP1A	My	035	5.5
	IP1A	M∠	0	5.5
	IP3A	Y	-93.442	.5
	IP3A	My	047	.5
	IP3A	Mz	.055	.5
	IP3A	Y	-93.442	
	IP3A	My		5.5
	IP3A		047	5.5
		Mz	.055	5.5
	IP3B	Y	-93.442	.5
	P3B	My	024	.5
	IP3B	Mz	068	.5
	IP3B	Y	-93.442	5.5
	IP3B	My	024	5.5
	P3B	Mz	068	5.5
67 M	P3C	Υ	-93.442	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
68	MP3C	My	.055	.5
69	MP3C	Mz	.047	.5
70	MP3C	Y	-93.442	5.5
71	MP3C	My	.055	5.5
72	MP3C	Mz	.047	5.5
73	MP3A	Y	-93.442	.5
74	MP3A	My	047	.5
75	MP3A	Mz	055	.5
76	MP3A	Y	-93.442	5.5
77	MP3A	Mv	047	5.5
78	MP3A	Mz	055	5.5
79	MP3B	Υ	-93.442	.5
80	MP3B	My	.071	,5
81	MP3B	Mz	013	.5
82	MP3B	Y	-93.442	5.5
83	MP3B	My	.071	5.5
84	MP3B	Mz	013	5.5
85	MP3C	Y	-93.442	.5
86	MP3C	My	055	.5
87	MP3C	Mz	.047	.5
88	MP3C	Y	-93.442	5.5
89	MP3C	My	055	5.5
90	MP3C	Mz	.047	5.5
91	M99	Y	-74.681	1
92	M99	My	0	
93	M99	Mz	0	1
94	M97	Y	-133.963	
95	M97	My	0	11
96	M97	Mz	0	
97	M95	Υ	-133.963	1
98	M95	My	0	
99	M95	Mz	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	0	2
2	MP4A	Z	-78.654	2
3	MP4A	Mx	0	2
4	MP4A	X	0	4
5	MP4A	Z	-78.654	4
6	MP4A	Mx	0	4
7	MP4B	X	0	2
8	MP4B	Z	-39.979	2
9	MP4B	Mx	.017	2
10	MP4B	X	0	4
11	MP4B	Z	-39.979	4
12	MP4B	Mx	.017	4
13	MP4C	X	0	2
14	MP4C	Z	-27.088	2
15	MP4C	Mx	014	2
16	MP4C	X	0	4
17	MP4C	Z	-27.088	4
18	MP4C	Mx	014	4
19	MP2A	X	0	1.5
20	MP2A	Z	-62.201	1.5
21	MP2A	Mx	0	1.5

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

22	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
23	MP2B	X	0	1.5
24	MP2B	Z	-46.852	1.5
25	MP2B MP2C	Mx	02	1.5
26		X	0	1.5
27	MP2C	Z	-41.735	1.5
28	MP2C	Mx	.021	1.5
	MP3A	X	0	1.5
29	MP3A	Z	-62.201	1.5
30	MP3A	Mx	0	1.5
31	MP3B	X	0	1.5
32	MP3B	Z	-43.842	1.5
33	MP3B	Mx	019	1.5
34	MP3C	X	0	1.5
35	MP3C	Z	-37.722	1.5
36	MP3C	Mx	.019	1.5
37	MP1B	X	0	.5
38	MP1B	Z	-97.139	.5
39	MP1B	Mx	.042	.5
40	MP1B	X	0	5.5
41	MP1B	Z	-97.139	5.5
42	MP1B	Mx	.042	5.5
43	MP1C	X	0	1.5
44	MP1C	Z	-56.038	1.5
45	MP1C	Mx	028	1.5
46	MP1C	X	0	4.5
47	MP1C	Z	-56.038	4.5
48	MP1C	Mx	028	4.5
49	MP1A	X	0	.5
50	MP1A	Z	-115.574	.5
51	MP1A	Mx	0	.5
52	MP1A	X	0	5.5
53	MP1A	Z	-115.574	5.5
54	MP1A	Mx	0	5.5
55	MP3A	X	0	,5
56	MP3A	Z	-110.558	.5
57	MP3A	Mx	064	5
58	MP3A	X	0	5.5
59	MP3A	Z	-110.558	5.5
60	MP3A	Mx	064	5.5
61	MP3B	X	0	.5
62	MP3B	Z	-63.305	.5
63	MP3B	Mx	.046	.5
64	MP3B	X	0	5.5
65	MP3B	Z	-63.305	5.5
66	MP3B	Mx	.046	5.5
67	MP3C	X	0	.5
68	MP3C	Z	-47.554	.5
69	MP3C	Mx	024	.5
70	MP3C	X	0	5.5
71	MP3C	Z	-47.554	5.5
72	MP3C	Mx	024	5.5
73	MP3A	X	0	.5
74	MP3A	Z	-110.558	.5
75	MP3A	Mx	.064	.5
76	MP3A	X	0	5.5
77	MP3A	Z	-110.558	5.5
78	MP3A	Mx	.064	5.5



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
79	MP3B	X	0	.5
80	MP3B	Z	-63.305	.5
81	MP3B	Mx	.009	.5
82	MP3B	X	0	5.5
83	MP3B	Z	-63.305	5.5
84	MP3B	Mx	.009	5.5
85	MP3C	X	0	.5
86	MP3C	Z	-47.554	.5
87	MP3C	Mx	024	.5
88	MP3C	X	0	5.5
89	MP3C	Z	-47.554	5.5
90	MP3C	Mx	024	5.5
91	M99	X	0	1
92	M99	Z	-32.906	
93	M99	Mx	0	1
94	M97	X	0	
95	M97	Z	-127.211	1
96	M97	Mx	0	
97	M95	X	0	
98	M95	Z	-127.211	
99	M95	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	32.881	2
2	MP4A	Z	-56.952	2
3	MP4A	Mx	016	2
4	MP4A	X	32.881	4
5	MP4A	Z	-56.952	4
6	MP4A	Mx	016	4
7	MP4B	X	13.544	2
8	MP4B	Z	-23.459	2
9	MP4B	Mx	.014	2
10	MP4B	X	13.544	4
11	MP4B	Z	-23.459	4
12	MP4B	Mx	.014	4
13	MP4C	X	19.99	2
14	MP4C	Z	-34.623	2
15	MP4C	Mx	017	2
16	MP4C	X	19.99	4
17	MP4C	Z	-34.623	4
18	MP4C	Mx	017	4
19	MP2A	X	28.542	1.5
20	MP2A	Z	-49.437	1.5
21	MP2A	Mx	.014	1.5
22	MP2B	X	20.867	1.5
23	MP2B	Z	-36.144	1.5
24	MP2B	Mx	021	1.5
25	MP2C	X	23.426	1.5
26	MP2C	X	-40.575	1.5
27	MP2C	Mx	.02	1.5
28	MP3A	X	28.041	1.5
29	MP3A	Z	-48.568	1.5
30	MP3A	Mx	.014	1.5
31	MP3B	X	18.861	1.5
32	MP3B	Z	-32.668	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
33	MP3B	Mx	-,019	1.5
34	MP3C	X	21.921	1.5
35	MP3C	Z	-37.968	1.5
36	MP3C	Mx	.019	1.5
37	MP1B	X	40.481	.5
38	MP1B	Z	-70.115	.5
39	MP1B	Mx	.04	.5
40	MP1B	X	40.481	5.5
41	MP1B	Z	-70.115	5.5
42	MP1B	Mx	.04	5.5
43	MP1C	X	29.943	1.5
44	MP1C	Z	-51.863	1.5
45	MP1C	Mx	026	1.5
46	MP1C	X	29.943	4.5
47	MP1C	Z	-51.863	4.5
48	MP1C	Mx	026	4.5
49	MP1A	X	54.779	.5
50	MP1A	Z	-94.88	.5
51	MP1A	Mx	027	.5
52	MP1A	X	54.779	5.5
53	MP1A	Z	-94.88	5.5
54	MP1A	Mx	027	5.5
55	MP3A	X	47.403	.5
56	MP3A	Z	-82.105	.5
57	MP3A	Mx	072	.5
58	MP3A	X	47.403	5.5
59	MP3A	Z	-82,105	5.5
60	MP3A	Mx	072	5.5
61	MP3B	X	23.777	.5
62	MP3B	Z	-41.183	.5
63	MP3B	Mx	.024	.5
64	MP3B	X	23.777	5.5
65	MP3B	Z	-41.183	5.5
66	MP3B	Mx	.024	5.5
67	MP3C	X	31.652	.5
68	MP3C	Z	-54.823	.5
69 70	MP3C	Mx	009	.5
	MP3C	X	31.652	5.5
71 72	MP3C	Z	-54.823	5.5
73	MP3C MP3A	Mx	009	5.5
74	MP3A	X	47.403	.5
75			-82.105	.5
76	MP3A MP3A	Mx X	.024	.5
77	MP3A	Z	47.403	5.5
78	MP3A		-82.105	5.5
79	MP3B	Mx X	.024	5.5
80	MP3B	Z	23.777	.5
81	MP3B	Mx	-41.183	5
82	MP3B	X	.024	.5
83	MP3B	Z	23.777 -41.183	5.5
84	MP3B	Mx Mx	.024	5.5
85	MP3C	X	31.652	5.5
86	MP3C	Ž	-54.823	.5
87	MP3C	Mx	046	.5
88	MP3C	X	31.652	5.5
89	MP3C	Ž	-54.823	5.5
	IVII JO	- Lu	-04.023	0.0



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
90	MP3C	Mx	046	5.5
91	M99	X	16.513	1
92	M99	Z	-28.602	1
93	M99	Mx	0	1
94	M97	X	59.793	1
95	M97	Z	-103.565	1
96	M97	Mx	0	
97	M95	X	59.793	1
98	M95	Z	-103.565	
99	M95	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	34.623	2
2	MP4A	Z	-19.99	2
3	MP4A	Mx	017	2
4	MP4A	X	34.623	4
5	MP4A	Z	-19.99	4
6	MP4A	Mx	017	4
7	MP4B	X	34.623	2
8	MP4B	Z	-19.99	2
9	MP4B	Mx	.017	2
10	MP4B	X	34.623	4
11	MP4B	Z	-19.99	4
12	MP4B	Mx	.017	4
13	MP4C	X	56.952	2 2
14	MP4C	Z	-32.881	2
15	MP4C	Mx	016	2
16	MP4C	X	56.952	4
17	MP4C	Z	-32.881	4
18	MP4C	Mx	016	4
19	MP2A	X	40.575	1.5
20	MP2A	Z	-23.426	1.5
21	MP2A	Mx	.02	1.5
22	MP2B	X	40.575	1.5
23	MP2B	Z	-23.426	1.5
24	MP2B	Mx	02	1.5
25	MP2C	X	49.437	1.5
26	MP2C	Z	-28.542	1.5
27	MP2C	Mx	.014	1.5
28	MP3A	X	37.968	1.5
29	MP3A	Z	-21.921	1.5
30	MP3A	Mx	.019	1.5
31	MP3B	X	37.968	1.5
32	MP3B	Z	-21.921	1.5
33	MP3B	Mx	019	1.5
34	MP3C	X	48.568	1.5
35	MP3C	Z	-28.041	1.5
36	MP3C	Mx	.014	1.5
37	MP1B	X	84.125	.5
38	MP1B	Z	-48.57	.5
39	MP1B	Mx	.042	.5
40	MP1B	X	84.125	5.5
41	MP1B	Z	-48.57	5.5
42	MP1B	Mx	.042	5.5
43	MP1C	X	58.528	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
44	MP1C	Z	-33.791	1.5
45	MP1C	Mx	017	1.5
46	MP1C	X	58.528	4.5
47	MP1C	Z	-33.791	4.5
48	MP1C	Mx	017	4.5
49	MP1A	X	84.461	.5
50	MP1A	Z	-48.763	.5
51	MP1A	Mx	042	.5
52	MP1A	X	84.461	5.5
53	MP1A	Z	-48.763	5.5
54	MP1A	Mx	042	5.5
55	MP3A	X	54.823	.5
56	MP3A	Z	-31.652	.5
57	MP3A	Mx	046	.5
58	MP3A	X	54.823	5.5
59	MP3A	Z	-31.652	5.5
60	MP3A	Mx	046	5.5
61	MP3B	X	54.823	.5.
62	MP3B	Z	-31.652	.5
63	MP3B	Mx	.009	.5
64	MP3B	X	54.823	5.5
65	MP3B	Z	-31.652	5.5
66	MP3B	Mx	.009	5.5
67	MP3C	X	82.105	.5
68	MP3C	Z	-47.403	.5
69	MP3C	Mx	.024	.5
70	MP3C	X	82.105	5.5
71	MP3C	Z	-47.403	5.5
72	MP3C	Mx	.024	5.5
73	MP3A	X	54.823	.5
74	MP3A	Z	-31.652	.5
75	MP3A	Mx	009	.5
76	MP3A	X	54.823	5.5
77	MP3A	Z	-31.652	5.5
78	MP3A	Mx	009	5.5
79	MP3B	X	54.823	.5
80	MP3B	Z	-31.652	.5
81	MP3B	Mx	.046	.5
82	MP3B	X	54.823	5.5
83	MP3B	Z	-31.652	5.5
84	MP3B	Mx	.046	5.5
85	MP3C	X	82.105	.5
86	MP3C	Z	-47.403	.5
87	MP3C	Mx	072	.5
88	MP3C	X	82.105	5.5
89	MP3C	Z	-47.403	5.5
90	MP3C	Mx	072	5.5
91	M99	X	28.811	1
92	M99	Z	-16.634	
93	M99	Mx	0	1
94	M97	X	90.359	1
95	M97	Z	-52.169	1
96	M97	Mx	0	
97	M95	X	90.359	1
98	M95	Z	-52.169	
99	M95	Mx	0	1



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft.%]
1	MP4A	X	27.088	2
2	MP4A		0	2
3	MP4A	Mx	014	2
4	MP4A	X	27.088	4
5	MP4A	Z	0	4
6	MP4A	Mx	014	4
7	MP4B	X	65.763	2
8	MP4B	Z	0	2
9	MP4B	Mx	.016	2
10	MP4B	X	65.763	4
11	MP4B	Z	0	4
12	MP4B	Mx	.016	4
13	MP4C	X	78.654	2
14	MP4C	Z	0	2
15	MP4C	Mx	0	2
16	MP4C	X	78.654	4
17	MP4C	Z	0	4
18	MP4C	Mx	0 = 2 = 1	4
19	MP2A	X	41.735	1.5
20	MP2A	Z	0	1.5
21	MP2A	Mx	.021	1.5
22	MP2B	X	57.085	1.5
23	MP2B	Z	0	1.5
24	MP2B	Mx	014	1.5
25	MP2C	X	62.201	1.5
26	MP2C	Z	0	1.5
27	MP2C	Mx	0	1.5
28	MP3A	X	37.722	1.5
29	MP3A	Z	0	1.5
30	MP3A	Mx	.019	1.5
31	MP3B	X	56.081	1.5
32	MP3B	Z	0	1.5
33	MP3B	Mx	014	1.5
34	MP3C	X	62.201	1.5
35	MP3C	Z	0	1.5
36	MP3C	Mx	0	1.5
37	MP1B	X	129.494	.5
38	MP1B	Z	0	.5
39	MP1B	Mx	.032	.5
40	MP1B	X	129.494	5.5
41	MP1B	Z	0	5.5
42	MP1B	Mx	.032	5.5
43	MP1C	X	71.431	1.5
44	MP1C	Z	0	1.5
45	MP1C	Mx	0	1.5
46	MP1C	X	71.431	4.5
47	MP1C	Z	0	4.5
48	MP1C	Mx	0	4.5
49	MP1A	X	91.511	.5
50	MP1A	Z	0	.5
51	MP1A	Mx	046	.5
52	MP1A	X	91.511	5.5
53	MP1A	Z	0	5.5
54	MP1A	Mx	046	5.5
55	MP3A	X	47.554	.5
56	MP3A	Z	0	.5
57	MP3A	Mx	024	.5



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3A	X	47.554	5.5
59	MP3A	Z	0	5.5
60	MP3A	Mx	024	5.5
61	MP3B	X	94.807	.5
62	MP3B	Z	0	.5
63	MP3B	Mx	024	.5
64	MP3B	X	94.807	5.5
65	MP3B	Z	0	5.5
66	MP3B	Mx	024	5.5
67	MP3C	X	110.558	.5
68	MP3C	Z	0	.5
69	MP3C	Mx	.064	.5
70	MP3C	X	110.558	5.5
71	MP3C	Z	0	5.5
72	MP3C	Mx	.064	5.5
73	MP3A	X	47.554	.5
74	MP3A	Z	0	.5
75	MP3A	Mx	024	.5
76	MP3A	X	47.554	5.5
77	MP3A	Z	0	5.5
78	MP3A	Mx	024	5.5
79	MP3B	X	94.807	.5
80	MP3B	Z	0	.5
81	MP3B	Mx	.072	.5
82	MP3B	X	94.807	5.5
83	MP3B	Z	0	5.5
84	MP3B	Mx	.072	5.5
85	MP3C	X	110.558	.5
86	MP3C	Z	0	.5
87	MP3C	Mx	064	.5
88	MP3C	X	110.558	5.5
89	MP3C	Z	0	5.5
90	MP3C	Mx	064	5.5
91	M99	X	33.388	1
92	M99	Z	0	30 US
93	M99	Mx	0	1
94	M97	X	96.713	
95	M97	Z	0	
96	M97	Mx	Ö	
97	M95	X	96.713	1
98	M95	Z	0	A STATE OF THE STA
99	M95	Mx	0	

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	34.623	2
2	MP4A	Z	19.99	2
3	MP4A	Mx	017	2
4	MP4A	X	34.623	4
5	MP4A	Z	19.99	4
6	MP4A	Mx	017	4
7	MP4B	X	68.117	2
8	MP4B	Z	39.327	2
9	MP4B	Mx	0	2
10	MP4B	X	68.117	4
11	MP4B	Z	39.327	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
12	MP4B	Mx	0	4
13	MP4C	X	56.952	2
14	MP4C	Z	32.881	2
15	MP4C	Mx	.016	2
16	MP4C	X	56.952	4
17	MP4C	Z	32.881	4
18	MP4C	Mx	.016	4
19	MP2A	X	40.575	1.5
20	MP2A	Z	23.426	1.5
21	MP2A	Mx	.02	1.5
22	MP2B	X	53.868	1.5
23	MP2B	Z	31.101	1.5
24	MP2B	Mx	0	1.5
25	MP2C	X	49.437	1.5
26	MP2C	Z	28.542	1.5
27	MP2C	Mx	014	1.5
28	MP3A	X	37.968	1.5
29	MP3A	Z	21.921	1.5
30	MP3A	Mx	.019	1.5
31	MP3B	X	53.868	1.5
32	MP3B	Z	31.101	1.5
33	MP3B	Mx	0	1.5
34	MP3C	X	48.568	1.5
35	MP3C	Z	28.041	1.5
	MP3C	Mx	014	1.5
36		X	126.155	.5
37	MP1B	Ž	72.836	.5
38	MP1B	Mx	0	.5
39	MP1B		126.155	5.5
40	MP1B	X	72.836	5.5
41	MP1B			5.5
42	MP1B	Mx	58.528	1.5
43	MP1C	X		1.5
44	MP1C		33.791 .017	1.5
45	MP1C	Mx		4.5
46	MP1C	X	58.528	4.5
47	MP1C	Z	33.791	4.5
48	MP1C	Mx	.017	.5
49	MP1A	X	84.461	.5
50	MP1A	Z	48.763	.5
51	MP1A	Mx	042	
52	MP1A	X	84.461	5.5 5.5
53	MP1A	Z	48.763	
54	MP1A	Mx	042	5.5
55	MP3A	X	54.823	.5
56	MP3A	Z	31.652	.5
57	MP3A	Mx	009	.5
58	MP3A	X	54.823	5.5
59	MP3A	Z	31.652	5.5
60	MP3A	Mx	009	5.5
61	MP3B	X	95.746	.5
62	MP3B	Z	55.279	.5
63	MP3B	Mx	064	.5
64	MP3B	X	95.746	5.5
65	MP3B	Z	55.279	5.5
66	MP3B	Mx	064	5.5
67	MP3C	X	82.105	.5
68	MP3C	Z	47.403	.5



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
69	MP3C	Mx	.072	.5
70	MP3C	X	82.105	5.5
71	MP3C	Z	47.403	5.5
72	MP3C	Mx	.072	5.5
73	MP3A	X	54.823	.5
74	MP3A	7	31.652	.5
75	MP3A	Mx	046	.5
76	MP3A	X	54.823	5.5
77	MP3A	7	31.652	5.5
78	MP3A	Mx	046	5.5
79	MP3B	X	95.746	.5
80	MP3B	Z	55.279	.5
81	MP3B	Mx	.064	.5
82	MP3B	X	95.746	5.5
83	MP3B	Z	55.279	5.5
84	MP3B	Mx	.064	5.5
85	MP3C	X	82.105	.5
86	MP3C	Z	47,403	.5
87	MP3C	Mx	024	.5
88	MP3C	X	82.105	5.5
89	MP3C	Z	47.403	5.5
90	MP3C	Mx	024	5.5
91	M99	X	28.811	1
92	M99	Z	16.634	THE RESERVE AND ADDRESS OF THE PARTY OF THE
93	M99	Mx	0	1
94	M97	X	90.359	THE REAL PROPERTY.
95	M97	Z	52.169	1
96	M97	Mx	0	
97	M95	X	90.359	1
98	M95	Z	52.169	
99	M95	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	32.881	2
2	MP4A	Z	56.952	2
3	MP4A	Mx	016	2
4	MP4A	X	32.881	4
5	MP4A	Z	56.952	4
6	MP4A	Mx	016	4
7	MP4B	X	32.881	2
8	MP4B	Z	56.952	2
9	MP4B	Mx	016	2
10	MP4B	X	32.881	4
11	MP4B	Ž	56.952	4
12	MP4B	Mx	016	4
13	MP4C	X	19.99	2
14	MP4C	Ż	34.623	2
15	MP4C	Mx	.017	2
16	MP4C	X	19.99	4
17	MP4C	Ž	34.623	4
18	MP4C	Mx	.017	4
19	MP2A	X	28.542	1.5
20	MP2A	Z	49.437	1.5
21	MP2A	Mx	.014	1.5
22	MP2B	X	28.542	1.5



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

1	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
23	MP2B	Z	49.437	1.5
24	MP2B	Mx	.014	1.5
25	MP2C	X	23.426	1.5
26	MP2C	Z	40.575	1.5
27	MP2C	Mx	02	1.5
28	MP3A	X	28.041	1.5
29	MP3A	Z	48.568	1.5
30	MP3A	Mx	.014	1.5
31	MP3B	X	28.041	1.5
32	MP3B	Z	48.568	1.5
33	MP3B	Mx	.014	1.5
34	MP3C	X	21.921	1.5
35	MP3C	Z	37.968	1.5 1.5
36	MP3C	Mx	019	.5
37	MP1B	X	64.747	.5
38	MP1B	Z	112.145	.5
39	MP1B	Mx	032	5.5
40	MP1B	X	64.747	5.5
41	MP1B	Z	112.145	5.5
42	MP1B	Mx	032	1.5
43	MP1C	X	29.943 51.863	1.5
44	MP1C	Z		1.5
45	MP1C	Mx	.026	4.5
46	MP1C	X	29.943	4.5
47	MP1C		51.863 .026	4.5
48	MP1C	Mx		.5
49	MP1A	X	54.779 94.88	.5
50	MP1A		027	.5
51	MP1A	Mx	54.779	5.5
52	MP1A	X	94.88	5.5
53	MP1A		027	5.5
54	MP1A	Mx	47.403	.5
55	MP3A	X	82.105	.5
56	MP3A	Mx	.024	.5
57	MP3A	X	47.403	5.5
58	MP3A	Z	82.105	5.5
59	MP3A	Mx	.024	5.5
60	MP3A MP3B	X	47.403	.5
61 62	MP3B	Z	82.105	.5
63	MP3B	Mx	072	.5
64	MP3B	X	47.403	5.5
	MP3B	Z	82.105	5.5
65 66	MP3B	Mx	072	5.5
67	MP3C	X	31.652	.5
68	MP3C	Z	54.823	.5
69	MP3C	Mx	.046	.5
70	MP3C	X	31.652	5.5
71	MP3C	Z	54.823	5.5
72	MP3C	Mx	.046	5.5
73	MP3A	X	47.403	.5
74	MP3A	Ž	82.105	.5
75	MP3A	Mx	072	.5
76	MP3A	X	47.403	5.5
77	MP3A	Z	82.105	5,5
78	MP3A	Mx	072	5.5
79	MP3B	X	47.403	.5
10	IVII JU			



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
80	MP3B	Z	82.105	.5
81	MP3B	Mx	.024	.5
82	MP3B	X	47.403	5.5
83	MP3B	Z	82.105	5.5
84	MP3B	Mx	.024	5.5
85	MP3C	X	31.652	.5
86	MP3C	Z	54.823	.5
87	MP3C	Mx	.009	.5
88	MP3C	X	31.652	5.5
89	MP3C	Z	54.823	5.5
90	MP3C	Mx	.009	5.5
91	M99	X	16.513	1
92	M99	Z	28.602	
93	M99	Mx	0	1
94	M97	X	59.793	
95	M97	Z	103.565	1
96	M97	Mx	0	
97	M95	X	59.793	1
98	M95	Z	103.565	100
99	M95	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	0	2
2	MP4A	Z	78.654	2
3	MP4A	Mx	0	2
4	MP4A	X	0	4
5	MP4A	Z	78.654	4
6	MP4A	Mx	0	4
7	MP4B	X	0	2
8	MP4B	Z	39.979	2
9	MP4B	Mx	017	2
10	MP4B	X	0	4
11	MP4B	Z	39.979	4
12	MP4B	Mx	017	4
13	MP4C	X	0	2
14	MP4C	Z	27.088	2
15	MP4C	Mx	.014	2
16	MP4C	X	0	4
17	MP4C	Z	27.088	4
18	MP4C	Mx	.014	4
19	MP2A	X	0	1.5
20	MP2A	Z	62.201	1.5
21	MP2A	Mx	0	1.5
22	MP2B	X	0	1.5
23	MP2B	Z	46.852	1.5
24	MP2B	Mx	.02	1.5
25	MP2C	X	0	1.5
26	MP2C	Z	41.735	1.5
27	MP2C	Mx	021	1.5
28	MP3A	X	0	1.5
29	MP3A	Z	62.201	1.5
30	MP3A	Mx	0	1.5
31	MP3B	X	0	1.5
32	MP3B	Z	43.842	1.5
33	MP3B	Mx	.019	1.5



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
34	MP3C	X	0	1.5
35	MP3C	Z	37.722	1.5
36	MP3C	Mx	019	1.5
37	MP1B	X	0	.5
38	MP1B	Z	97.139	.5
39	MP1B	Mx	042	.5
40	MP1B	X	0	5.5
41	MP1B	Z	97.139	5.5
42	MP1B	Mx	042	5.5 1.5
43	MP1C	X	0	1.5
44	MP1C	Z	56.038 .028	1.5
45	MP1C	Mx	.028	4.5
46	MP1C	X Z	56.038	4.5
47	MP1C		.028	4.5
48	MP1C	Mx	0	.5
49	MP1A MP1A	X	115.574	.5
50		Mx	0	.5
51	MP1A MP1A	X	0	5.5
52	MP1A	Z	115.574	5.5
53	MP1A	Mx	0	5.5
54 55	MP3A	X	0	.5
56	MP3A	Z	110.558	.5
57	MP3A	Mx	.064	.5
58	MP3A	X	0	5.5
59	MP3A	Z	110.558	5.5
60	MP3A	Mx	.064	5.5
61	MP3B	X	0	.5
62	MP3B	Ž	63.305	.5
63	MP3B	Mx	046	.5
64	MP3B	X	0	5.5
65	MP3B	Z	63.305	5.5
66	MP3B	Mx	046	5.5
67	MP3C	X	0	.5
68	MP3C	Z	47.554	.5
69	MP3C	Mx	.024	.5
70	MP3C	X	0	5.5
71	MP3C	Z	47.554	5.5
72	MP3C	Mx	.024	5.5
73	MP3A	X	0	.5
74	МРЗА	Z	110.558	.5
75	МРЗА	Mx	064	.5
76	MP3A	X	0	5.5
77	MP3A	Z	110.558	5.5
78	MP3A	Mx	064	5.5
79	MP3B	X	0	.5
80	MP3B	Z	63.305	.5
81	MP3B	Mx	009	.5
82	MP3B	X	0	5.5
83	MP3B	Z	63.305	5.5
84	MP3B	Mx	009	5.5
85	MP3C	X	0	.5
86	MP3C	Z	47.554	.5
87	MP3C	Mx	.024	.5 5.5
88	MP3C	X	0	
89	MP3C	Z	47.554	5.5 5.5
90	MP3C	Mx	.024	ე,ე

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
91	M99	X	0	1
92	M99	Z	32.906	
93	M99	Mx	0	1
94	M97	X	0	
95	M97	Z	127.211	
96	M97	Mx	0	La San La
97	M95	X	0	
98	M95	Z	127.211	
99	M95	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	-32.881	2
2	MP4A	Z	56.952	2
3	MP4A	Mx	.016	2
4	MP4A	X	-32.881	4
5	MP4A	Z	56.952	4
6	MP4A	Mx	.016	4
7	MP4B	X	-13.544	2
8	MP4B	Z	23.459	2
9	MP4B	Mx	014	2
10	MP4B	X	-13.544	4
11	MP4B	Z	23.459	4
12	MP4B	Mx	014	4
13	MP4C	X	-19.99	2
14	MP4C	Z	34.623	2
15	MP4C	Mx	.017	2
16	MP4C	X	-19.99	4
17	MP4C	Z	34.623	4
18	MP4C	Mx	.017	4
19	MP2A	X	-28.542	1.5
20	MP2A	Z	49.437	1.5
21	MP2A	Mx	014	1.5
22	MP2B	X	-20.867	1.5
23	MP2B	Z	36.144	1.5
24	MP2B	Mx	.021	1.5
25	MP2C	X	-23.426	1.5
26	MP2C	Z	40.575	1.5
27	MP2C	Mx	02	1.5
28	MP3A	X	-28.041	1.5
29	MP3A	Z	48.568	1.5
30	MP3A	Mx	014	1.5
31	MP3B	X	-18.861	1.5
32	MP3B	Z	32.668	1.5
33	MP3B	Mx	.019	1.5
34	MP3C	X	-21.921	1.5
35	MP3C	Z	37.968	1.5
36	MP3C	Mx	019	1.5
37	MP1B	X	-40.481	.5
38	MP1B	Z	70.115	.5
39	MP1B	Mx	04	.5
40	MP1B	X	-40.481	5.5
41	MP1B	Z	70.115	5.5
42	MP1B	Mx	04	5.5
43	MP1C	X	-29.943	1.5
44	MP1C	Z	51.863	1.5



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
45	MP1C	Mx	.026	1.5
46	MP1C	X	-29.943	4.5
17	MP1C	Z	51.863	4.5
18	MP1C	Mx	.026	4.5
19	MP1A	X	-54.779	.5
50	MP1A	Z	94.88	.5
51	MP1A	Mx	.027	.5
52	MP1A	X	-54.779	5.5
3	MP1A	Z	94.88	5.5
4	MP1A	Mx	.027	5.5
55	MP3A	X	-47.403	.5
66	MP3A	Z	82.105	.5
57	MP3A	Mx	.072	,5
8	MP3A	X	-47.403	5.5
59	MP3A	Z	82.105	5.5
50	MP3A	Mx	.072	5.5
61	MP3B	X	-23.777	.5
52	MP3B	Ž	41.183	.5
33	MP3B	Mx	024	.5
	MP3B	X	-23.777	5.5
64	MP3B MP3B	Z	41.183	5.5
35		Mx	024	5.5
86	MP3B	X	-31.652	.5
67	MP3C	Z	54.823	.5
88	MP3C		.009	.5
9	MP3C	Mx		5.5
0	MP3C	. X	-31.652	5.5
1	MP3C	Z	54.823	5.5
72	MP3C	Mx	.009	
73	MP3A	X	-47.403	.5
74	MP3A	Z	82.105	.5
75	MP3A	Mx	024	.5
76	MP3A	X	-47.403	5.5
77	MP3A	Z	82.105	5.5
78	MP3A	Mx	024	5.5
79	MP3B	X	-23.777	.5
30	MP3B	Z	41.183	.5
31	MP3B	Mx	024	.5
32	MP3B	X	-23.777	5.5
33	MP3B	Z	41.183	5.5
34	MP3B	Mx	024	5.5
35	MP3C	X	-31.652	.5
36	MP3C	Z	54.823	.5
37	MP3C	Mx	.046	.5
38	MP3C	X	-31.652	5.5
39	MP3C	Z	54.823	5.5
90	MP3C	Mx	.046	5.5
91	M99	X	-16.513	1
92	M99	Z	28.602	
93	M99	Mx	0	1
94	M97	X	-59.793	1-
	M97	Z	103.565	1
95		Mx	0	1
96	M97	X	-59.793	1
97	M95		103.565	
9 8 99	M95 M95	Z Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	-34.623	2
2	MP4A		19.99	2
3	MP4A	Mx	.017	2
4	MP4A	X	-34.623	4
5	MP4A	Z	19.99	4
6	MP4A	Mx	.017	4
7 8	MP4B	X	-34.623	2
9	MP4B MP4B	Z	19.99	2
10	MP4B	Mx	017	2
11	MP4B	X	-34.623	4
12	MP4B	Mx	19.99 017	4
13	MP4C	X	-56.952	
14	MP4C	Z	32.881	2 2
15	MP4C	Mx	.016	2
16	MP4C	X	-56.952	4
17	MP4C	Z	32.881	4
18	MP4C	Mx	.016	4
19	MP2A	X	-40.575	1.5
20	MP2A	Z	23.426	1.5
21	MP2A	Mx	02	1.5
22	MP2B	X	-40.575	1.5
23	MP2B	Z	23.426	1.5
24	MP2B	Mx	.02	1.5
25	MP2C	X	-49.437	1.5
26	MP2C	Z	28.542	1.5
27	MP2C	Mx	014	1.5
28 29	MP3A	X	-37.968	1.5
30	MP3A MP3A	Z	21.921	1.5
31	MP3B	Mx X	019	1.5
32	MP3B	Ž	-37.968 21.921	1.5
33	MP3B	Mx	.019	1.5 1.5
34	MP3C	X	-48.568	1.5
35	MP3C	Z	28.041	1.5
36	MP3C	Mx	014	1.5
37	MP1B	X	-84.125	.5
38	MP1B	Z	48.57	.5
39	MP1B	Mx	042	.5
40	MP1B	X	-84.125	5.5
41	MP1B	Z	48.57	5.5
42	MP1B	Mx	042	5.5
43	MP1C	X	-58.528	1.5
44	MP1C		33.791	1.5
45	MP1C	Mx	.017	1.5
46	MP1C	X	-58.528	4.5
47	MP1C	Z	33.791	4.5
48	MP1C	Mx	.017	4.5
49 50	MP1A MP1A	X	-84.461	.5
51	MP1A	Mx	48.763	.5
52	MP1A	X	.042 -84.461	.5
53	MP1A	Z	48.763	5.5 5.5
54	MP1A	Mx	.042	
55	MP3A	X	-54.823	5.5 .5
56	MP3A	Z	31.652	.5
57	MP3A	Mx	.046	.5



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3A	X	-54.823	5.5
59	MP3A	Z	31.652	5.5
60	MP3A	Mx	.046	5.5
61	MP3B	X	-54.823	.5
62	MP3B	Z	31.652	.5
63	MP3B	Mx	009	.5
64	MP3B	X	-54.823	5.5
65	MP3B	Z	31.652	5.5
66	MP3B	Mx	009	5.5
67	MP3C	X	-82.105	.5
68	MP3C	Z	47.403	.5
69	MP3C	Mx	024	.5
70	MP3C	X	-82.105	5.5
71	MP3C	Z	47.403	5.5
72	MP3C	Mx	024	5.5
73	MP3A	X	-54.823	.5
74	MP3A	Z	31.652	.5
75	MP3A	Mx	.009	.5
76	MP3A	X	-54.823	5.5
77	MP3A	Z	31.652	5.5
78	MP3A	Mx	.009	5.5
79	MP3B	X	-54.823	.5
80	MP3B	Z	31.652	.5
81	MP3B	Mx	046	.5
82	MP3B	X	-54.823	5.5
83	MP3B	Z	31.652	5.5
84	MP3B	Mx	046	5.5
85	MP3C	X	-82.105	.5
86	MP3C	Z	47.403	.5
87	MP3C	Mx	.072	.5
88	MP3C	X	-82.105	5.5
89	MP3C	Z	47.403	5.5
90	MP3C	Mx	.072	5.5
91	M99	X	-28.811	1
92	M99	Z	16.634	8-8-11-4-AU1
93	M99	Mx	0	1
94	M97	X	-90.359	
95	M97	Z	52.169	11
96	M97	Mx	0	
97	M95	X	-90.359	1
98	M95	Z	52.169	1
99	M95	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	-27.088	2
2	MP4A	Z	0	2
3	MP4A	Mx	.014	.2
4	MP4A	X	-27.088	4
5	MP4A	Z	0	4
6	MP4A	Mx	.014	4
7	MP4B	X	-65.763	2
8	MP4B	Z	0	2
9	MP4B	Mx	016	2
10	MP4B	X	-65.763	4
11	MP4B	Z	0	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
12	MP4B	Mx	016	4
13	MP4C	X	-78.654	2
14	MP4C	Z	0	2
15	MP4C	Mx	0	2
16	MP4C	X	-78.654	4
17	MP4C	Z	0	4
18	MP4C	Mx	0	4
19	MP2A	X	-41.735	1,5
20	MP2A	Z	0	1.5
21	MP2A	Mx	021	1.5
22	MP2B	X	-57.085	1.5
23	MP2B	Z	0	1.5
24	MP2B	Mx	.014	1.5
25	MP2C	X	-62.201	1.5
26	MP2C	Z	0	1.5
27	MP2C	Mx	0	1.5
28	MP3A	X	-37.722	1.5
29	MP3A	Z	0	1.5
30	MP3A	Mx	019	1.5
31	MP3B	X	-56.081	1.5
32	MP3B	Z	0	1.5
33	MP3B	Mx	.014	1.5
34	MP3C	X	-62.201	1.5
35	MP3C	Z	0	1.5
36	MP3C	Mx	0	1.5
37	MP1B	X	-129.494	.5
38	MP1B	Z	0	.5
39	MP1B	Mx	032	.5
40	MP1B	X	-129.494	5.5
41	MP1B	Z	0	5.5
42	MP1B	Mx	032	5.5
43	MP1C	X	-71.431	1.5
44	MP1C	Z	0	1.5
45	MP1C	Mx	0	1.5
46	MP1C	X	-71.431	4.5
47	MP1C	Z	0	4.5
48	MP1C	Mx	0	4.5
49	MP1A	X	-91.511	.5
50	MP1A	Z	0	.5
51	MP1A	Mx	.046	.5
52	MP1A	X	-91.511	5.5
53	MP1A	Z	0	5.5
54	MP1A	Mx	.046	5.5
55	MP3A	X	-47.554	.5
56	MP3A	Z	0	.5
57	MP3A	Mx	.024	.5
58	MP3A	X	-47.554	5.5
59	MP3A	Z	0	5.5
60	MP3A	Mx	.024	5.5
61	MP3B	X	-94.807	.5
62	MP3B	Z	0	.5
63	MP3B	Mx	.024	.5
64	MP3B	X	-94.807	5.5
65	MP3B	Z	0	5.5
66	MP3B	Mx	.024	5.5
67	MP3C	X	-110.558	.5
68	MP3C	Z	0	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
69	MP3C	Mx	064	.5
70	MP3C	X	-110.558	5.5
71	MP3C	Z	0	5.5
72	MP3C	Mx	064	5.5
73	MP3A	X	-47.554	.5
74	MP3A	Z	0	.5
75	MP3A	Mx	.024	.5
76	MP3A	X	-47.554	5.5
77	MP3A	Z	0	5.5
78	MP3A	Mx	.024	5.5
79	MP3B	X	-94.807	.5
80	MP3B	Z	0	.5
81	MP3B	Mx	072	.5
82	MP3B	X	-94.807	5.5
83	MP3B	Z	0	5.5
84	MP3B	Mx	072	5.5
85	MP3C	X	-110.558	.5
86	MP3C	Z	0	.5
87	MP3C	Mx	.064	.5
88	MP3C	X	-110.558	5.5
89	MP3C	Z	0	5.5
90	MP3C	Mx	.064	5.5
91	M99	X	-33.388	1
92	M99	Z	0	1
93	M99	Mx	0	1
94	M97	X	-96.713	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
95	M97	Z	0	11
96	M97	Mx	0	1
97	M95	X	-96.713	1
98	M95	Z	0	1
99	M95	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	-34.623	2
2	MP4A	Z	-19.99	2
3	MP4A	Mx	.017	2
4	MP4A	X	-34.623	4
5	MP4A	Z	-19.99	4
6	MP4A	Mx	.017	4
7	MP4B	X	-68.117	2
8	MP4B	Z	-39.327	2
9	MP4B	Mx	0	2
10	MP4B	X	-68.117	4
11	MP4B	Z	-39.327	4
12	MP4B	Mx	0	4
13	MP4C	X	-56.952	2
14	MP4C	Z	-32.881	2
15	MP4C	Mx	016	2
16	MP4C	X	-56.952	4
17	MP4C	Z	-32.881	4
18	MP4C	Mx	016	4
19	MP2A	X	-40.575	1.5
20	MP2A	Z	-23.426	1.5
21	MP2A	Mx	02	1.5
22	MP2B	X	-53.868	1.5



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

40	Member Label	Direction	Wo (300 Deg)) (Continued Magnitude[lb,k-ft]	Location[ft,%]
23	MP2B	Z	-31,101	1.5
24	MP2B	Mx	0	1.5
25	MP2C	X	-49.437	1.5
26	MP2C	Z	-28.542	1.5
27	MP2C	Mx	.014	1.5
28	MP3A	X	-37.968	1.5
29	MP3A	Z	-21.921	1,5
30	MP3A	Mx	019	1.5
31	MP3B	X	-53.868	1.5
32	MP3B	Z	-31.101	1.5
33 34	MP3B MP3C	Mx	0	1.5
35	MP3C	X Z	-48.568	1.5
36	MP3C	Mx	-28.041 .014	1.5
37	MP1B	X	-126.155	1.5 .5
38	MP1B	Z	-72.836	.5
39	MP1B	Mx	0	.5
40	MP1B	X	-126.155	5.5
41	MP1B	Z	-72.836	5.5
42	MP1B	Mx	0	5.5
43	MP1C	X	-58.528	1.5
44	MP1C	Z	-33.791	1.5
45	MP1C	Mx	017	1.5
46	MP1C	X	-58.528	4.5
47	MP1C	Z	-33.791	4.5
48	MP1C	Mx	017	4.5
49	MP1A	X	-84,461	.5
50	MP1A		-48.763	.5
51	MP1A	Mx	.042	.5
52 53	MP1A	X	-84.461	5.5
54	MP1A MP1A	Z	-48.763	5.5
55	MP3A	Mx X	.042 -54.823	5.5
56	MP3A	Ž	-31.652	.5
57	MP3A	Mx	.009	.5
58	MP3A	X	-54.823	5.5
59	MP3A	Ž	-31.652	5.5
60	MP3A	Mx	.009	5.5
61	MP3B	X	-95.746	.5
62	MP3B	Z	-55.279	.5
63	MP3B	Mx	.064	.5
64	MP3B	X	-95.746	5.5
65	MP3B	Z	-55.279	5.5
66	MP3B	Mx	.064	5.5
67	MP3C	X	-82.105	.5
68	MP3C	Z	-47.403	.5
69	MP3C	Mx	072	.5
70	MP3C	X	-82.105	5.5
71 72	MP3C	Z	-47.403	5.5
73	MP3C MP3A	Mx	072	5.5
74	MP3A	X	-54.823	.5
75	MP3A	Mx	-31.652 .046	.5
76	MP3A	X	-54.823	.5 5.5
77	MP3A	7	-31.652	5.5
78	MP3A	Mx	.046	5.5
79	MP3B	X	-95.746	.5
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Member Point Loads (BLC 13: Antenna Wo (300 Deg.) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
80	MP3B	Z	-55.279	.5
81	MP3B	Mx	064	.5
82	MP3B	X	-95.746	5.5
83	MP3B	Z	-55.279	5.5
84	MP3B	Mx	064	5.5
85	MP3C	X	-82.105	.5
86	MP3C	Z	-47.403	.5
87	MP3C	Mx	.024	5
88	MP3C	X	-82.105	5.5
89	MP3C	Z	-47.403	5.5
90	MP3C	Mx	.024	5.5
91	M99	X	-28.811	1
92	M99	Z	-16.634	
93	M99	Mx	0	1
94	M97	X	-90.359	
95	M97	Z	-52.169	1
96	M97	Mx	0	
97	M95	X	-90.359	1
98	M95	Z	-52.169	
99	M95	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	-32.881	2
2	MP4A	Z	-56.952	2
3	MP4A	Mx	.016	2
4	MP4A	X	-32.881	4
5	MP4A	Z	-56.952	4
6	MP4A	Mx	.016	4
7	MP4B	X	-32.881	2
8	MP4B	Z	-56.952	2
9	MP4B	Mx	.016	2
10	MP4B	X	-32.881	4
11	MP4B	Z	-56.952	4
12	MP4B	Mx	.016	4
13	MP4C	X	-19.99	2
14	MP4C	Z	-34.623	2
15	MP4C	Mx	017	2
16	MP4C	X	-19.99	4
17	MP4C	Z	-34.623	4
18	MP4C	Mx	017	4
19	MP2A	X	-28.542	1.5
20	MP2A	Z	-49.437	1.5
21	MP2A	Mx	014	1.5
22	MP2B	X	-28.542	1.5
23	MP2B	Z	-49.437	1.5
24	MP2B	Mx	014	1.5
25	MP2C	X	-23.426	1.5
26	MP2C	Z	-40.575	1.5
27	MP2C	Mx	.02	1.5
28	MP3A	X	-28.041	1.5
29	MP3A	Z	-48.568	1.5
30	MP3A	Mx	014	1.5
31	MP3B	X	-28.041	1.5
32	MP3B	Z	-48.568	1.5
33	MP3B	Mx	014	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
34	MP3C	X	-21.921	1.5
35	MP3C	X Z	-37.968	1.5
36	MP3C	Mx	.019	1.5
37	MP1B	X	-64.747	.5
38	MP1B		-112.145	.5
39	MP1B	Mx	.032	.5
40	MP1B	X	-64.747	5.5
41	MP1B	Z	-112.145	5.5
42	MP1B	Mx	.032	5.5
43	MP1C	X	-29.943	1.5
45	MP1C MP1C		-51.863	1.5
46	MP1C	Mx X	026	1.5
47	MP1C	Z	-29.943	4.5
48	MP1C	Mx	-51.863 026	4.5 4.5
49	MP1A	X	-54.779	.5
50	MP1A	Z	-94.88	.5
51	MP1A	Mx	.027	.5
52	MP1A	X	-54,779	5.5
53	MP1A	Ž	-94.88	5.5
54	MP1A	Mx	.027	5.5
55	MP3A	X	-47.403	.5
56	MP3A	Z	-82.105	.5
57	MP3A	Mx	024	.5
58	MP3A	X	-47.403	5.5
59	MP3A	Z	-82.105	5.5
60	MP3A	Mx	024	5.5
61	MP3B	X	-47.403	.5
62	MP3B	Z	-82.105	.5
63	MP3B	Mx	.072	.5
64	MP3B	X	-47.403	5.5
65	MP3B	Z	-82.105	5.5
66	MP3B MP3C	Mx	.072	5.5
68	MP3C	X	-31.652	.5
69	MP3C	Mx	-54.823 046	.5
70	MP3C	X	-31.652	.5 5.5
71	MP3C	Z	-54.823	5.5
72	MP3C	Mx	046	5.5
73	MP3A	X	-47.403	.5
74	MP3A	Z	-82.105	.5
75	MP3A	Mx	.072	.5
76	MP3A	X	-47.403	5.5
77	MP3A	Z	-82.105	5.5
78	MP3A	Mx	.072	5.5
79	MP3B	X	-47.403	.5
80	MP3B	Z	-82.105	.5
81	MP3B	Mx	024	.5
82	MP3B	X	-47.403	5.5
83	MP3B	Z	-82.105	5.5
84	MP3B	Mx	024	5.5
85	MP3C	X	-31.652	.5
86	MP3C	Z	-54.823	.5
87 88	MP3C MP3C	Mx	009	.5
89		X Z	-31.652	5.5
90	MP3C MP3C	Mx	-54.823	5.5
30	IVIF JU	IVIX	009	5.5



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
91	M99	X	-16.513	1
92	M99	Z	-28.602	1
93	M99	Mx	0	1
94	M97	X	-59.793	
95	M97	Z	-103.565	1
96	M97	Mx	0	
97	M95	X	-59.793	11
98	M95	Z	-103.565	1
99	M95	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	0	2 2
2	MP4A	Z	-19.517	2
3	MP4A	Mx	0	2
4	MP4A	X	0	4
5	MP4A	Z	-19.517	4
6	MP4A	Mx	0	4
7	MP4B	X	0	2
8	MP4B	Z	-11.359	2
9	MP4B	Mx	.005	2
10	MP4B	X	0	4
11	MP4B	Z	-11.359	4
12	MP4B	Mx	.005	4
13	MP4C	X	0	2
14	MP4C	Z	-8.64	2
15	MP4C	Mx	004	2
16	MP4C	X	0	4
17	MP4C	Z	-8.64	4
18	MP4C	Mx	004	4
19	MP2A	X	0	1.5
20	MP2A	Z	-16.869	1.5
21	MP2A	Mx	0	1.5
22	MP2B	X	0	1.5
23	MP2B	Z	-13.176	1.5
24	MP2B	Mx	006	1.5
25	MP2C	X	0	1.5
26	MP2C	Z	-11.945	1.5
27	MP2C	Mx	.006	1.5
28	MP3A	X	0	1.5
29	MP3A	Z	-16.869	1.5
30	MP3A	Mx	0	1.5
31	MP3B	X	0	1.5
32	MP3B	Z	-12.511	1.5
33	MP3B	Mx	005	1.5
34	MP3C	X	0	1.5
35	MP3C	Z	-11.058	1.5
36	MP3C	Mx	.006	1.5
37	MP1B	X	0	.5
38	MP1B	Z	-20.793	.5
39	MP1B	Mx	.009	.5
40	MP1B	X	0	5.5
41	MP1B	Z	-20.793	5.5
42	MP1B	Mx	.009	5.5
43	MP1C	X	0	1.5
44	MP1C	Z	-12.581	1.5

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

	mber Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
	MP1C	Mx	006	1.5
	MP1C	X	0	4.5
	MP1C	Z	-12.581	4.5
	MP1C	Mx	006	4.5
49	MP1A	X	0	.5
50	MP1A	Z	-24.257	.5
51	MP1A	Mx	0	.5
	MP1A	X	0	5.5
	MP1A	Z	-24.257	5.5
	MP1A	Mx	0	5.5
	MP3A	X	0	.5
	MP3A	Ž	-32.784	.5
	MP3A	Mx	019	.5
	MP3A	X	0	5.5
	MP3A	Z	-32.784	5.5
	MP3A	Mx	019	
	MP3B	X	0	5.5
	MP3B			.5
	MP3B	Z	-25.459	,5
		Mx	.018	.5
	MP3B	X	0	5.5
65	MP3B	Z	-25.459	5.5
	MP3B	Mx	.018	5.5
	MP3C	X	0	.5
	MP3C	Z	-23.017	5
	MP3C	Mx	012	.5
	MP3C	X	0	5.5
	MP3C	Z	-23.017	5.5
	MP3C	Mx	012	5.5
73	MP3A	X	0	.5
74	MP3A	Z	-32.784	.5
75 I	MP3A	Mx	.019	.5
	МРЗА	X	0	5.5
	MP3A	Z	-32.784	5,5
	MP3A	Mx	.019	5.5
	MP3B	X	0	.5
	MP3B	Z	-25.459	.5
	MP3B	Mx	.004	
	MP3B	X	0	.5
	MP3B	Z	-25.459	5.5
	MP3B	Mx	-25.459	5,5
	MP3C			5.5
	MP3C	X Z	0	.5
			-23.017	.5
	MP3C	Mx	012	.5
	MP3C	X	0	5.5
	MP3C	Z	-23.017	5.5
	MP3C	Mx	012	5.5
	M99	X	0	1
	M99	Z	-8.881	Transaction and the
	M99	Mx	0	1
4	M97	X	0	1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -
	M97	Z	-33.891	1
	M97	Mx	0	1.00
7	M95	X	0	1
	M95	Z	-33.891	1
	M95	Mx	0	1



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

	Member Label	Direction	Magnitude[lb,k-ft] 8.399	Location[ft,%]
1	MP4A	X Z	-14.547	2
2	MP4A	Mx	004	2
3	MP4A MP4A	X	8.399	4
4	MP4A	Z	-14.547	4
5	MP4A	Mx	004	4
6	MP4B	X	4.32	2
8	MP4B	Z	-7.482	2
9	MP4B	Mx	.004	2
10	MP4B	X	4.32	4
11	MP4B	Z	-7.482	4
12	MP4B	Mx	.004	4
13	MP4C	X	5.679	2
14	MP4C	Z	-9.837	2
15	MP4C	Mx	005	2
16	MP4C	X	5.679	4
17	MP4C	Z	-9.837	4
18	MP4C	Mx	005	4
19	MP2A	X	7.819	1.5
20	MP2A	Z	-13.543	1.5
21	MP2A	Mx	.004	1.5
22	MP2B	X	5.972	1.5
23	MP2B	Z	-10.344	1.5
24	MP2B	Mx	006	1.5
25	MP2C	X	6.588	1.5
26	MP2C	Z	-11.411	1.5
27	MP2C	Mx	.006	1.5
28	MP3A	X	7.708	1.5
29	MP3A	Z	-13.351	1.5
30	MP3A	Mx	.004	1.5
31	MP3B	X	5.529	1.5
32	MP3B	Z	-9.577	1.5
33	MP3B	Mx	006	1.5
34	MP3C	X	6.255	1.5
35	MP3C	Z	-10.835	1.5
36	MP3C	Mx	.005	1.5
37	MP1B	X	8.957	.5
38	MP1B	Z	-15.514	.5
39	MP1B	Mx	.009	.5
40	MP1B	X	8.957	5.5
41	MP1B	Z	-15.514	5.5
42	MP1B	Mx	.009	5.5
43	MP1C	X	6.644	1.5
44	MP1C	Z	-11.507	1.5
45	MP1C	Mx	006	1.5
46	MP1C	X	6.644	4.5
47	MP1C	Z	-11.507	4.5
48	MP1C	Mx	006	4.5
49	MP1A	X	11.586	.5
50	MP1A	Z	-20.067	.5
51	MP1A	Mx	006	.5
52	MP1A	X	11.586	5.5
53	MP1A	Z	-20.067	5.5
54	MP1A	Mx	006	5.5
55	MP3A	X	15.171	.5
56	MP3A	Z	-26.277	.5 .5
57	MP3A	Mx	023	.5



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3A	X	15.171	5.5
59	MP3A	Z	-26.277	5.5
60	MP3A	Mx	023	5.5
61	MP3B	X	11.509	.5
62	MP3B	Z	-19.934	.5
63	MP3B	Mx	.012	.5
64	MP3B	X	11.509	5.5
65	MP3B	Z	-19.934	5.5
66	MP3B	Mx	.012	5.5
67	MP3C	X	12.73	.5
68	MP3C	Z	-22.048	.5
69	MP3C	Mx	004	.5
70	MP3C	X	12.73	5.5
71	MP3C	Z	-22.048	5.5
72	MP3C	Mx	004	5.5
73	MP3A		15.171	.5
74	MP3A	X	-26.277	.5
75	MP3A	Mx	.008	.5
76	MP3A	X	15.171	5.5
77	MP3A	Z	-26.277	5.5
78	MP3A	Mx	.008	5.5
79	MP3B	X	11.509	.5
80	MP3B	Z	-19.934	.5
81	MP3B	Mx	.012	.5
82	MP3B	X	11.509	5.5
83	MP3B	Z	-19.934	5.5
84	MP3B	Mx	.012	5.5
85	MP3C	X	12.73	.5
86	MP3C	Z	-22.048	.5
87	MP3C	Mx	018	.5
88	MP3C	X	12.73	5.5
89	MP3C	Z	-22.048	5.5
90	MP3C	Mx	018	5.5
91	M99	X	4.451	1
92	M99	Z	-7.709	
93	M99	Mx	0	1
94	M97	X	16.055	1
95	M97	Z	-27.808	1
96	M97	Mx	0	
97	M95	X	16.055	1
98	M95	Z	-27.808	
99	M95	Mx	0	

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	9.837	2
2	MP4A	Z	-5.679	2
3	MP4A	Mx	005	2
4	MP4A	X	9.837	4
5	MP4A	Z	-5.679	4
6	MP4A	Mx	005	4
7	MP4B	X	9.837	2
8	MP4B	Z	-5.679	2
9	MP4B	Mx	.005	2
10	MP4B	X	9.837	4
11	MP4B	Z	-5.679	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
12	MP4B	Mx	.005	4
13	MP4C	X	14.547	2
14	MP4C		-8.399	2
15	MP4C	Mx	004	2
16	MP4C	X	14.547	4
17	MP4C	Z	-8.399	4
18	MP4C	Mx	004	4
19	MP2A	X	11.411	1.5
20	MP2A	Z	-6.588	1.5
21	MP2A	Mx	.006	1.5
22	MP2B	X	11.411	1.5
23	MP2B	Z	-6.588	1.5
24	MP2B	Mx	006	1.5
25	MP2C	X	13.543	1.5
26	MP2C	Z	-7.819	1.5
27	MP2C	Mx	.004	1.5
28	MP3A	X	10.835	1.5
29	MP3A	Z	-6.255	1.5
30	MP3A	Mx	.005	1.5
31	MP3B	X	10.835	1.5
32	MP3B	Z	-6.255	1.5
33	MP3B	Mx	005	1.5
34	MP3C	X	13.351	1.5
35	MP3C	Z	- 7.708	1.5
36	MP3C	Mx	.004	1.5
37	MP1B	X	18.007	.5
38	MP1B	Z	-10.397	5.5
39	MP1B	Mx	.009	.5
40	MP1B	X	18.007	5.5
41	MP1B	Z	-10.397	5.5
42	MP1B	Mx	.009	5.5
43	MP1C	X	12.73	1.5
44	MP1C	Z	-7.35	1.5
45	MP1C	Mx	004	1,5
46	MP1C	X	12.73	4.5
47	MP1C	Z	-7.35	4.5
48	MP1C	Mx	004	4.5
49	MP1A	X	18.186	.5
50	MP1A	Z	-10.5	.5
51	MP1A	Mx	009	.5
52	MP1A	X	18.186	5.5
53	MP1A	Z	-10.5	5.5
54	MP1A	Mx	009	5.5
55	MP3A	X	22.048	.5
56	MP3A	Z	-12.73	.5
57	MP3A	Mx	018	.5
58	MP3A	X	22.048	5.5
59	MP3A	Z	-12.73	5.5
60	MP3A	Mx	018	5.5
61	MP3B	X	22.048	.5
62	MP3B	Z	-12.73	.5
63	MP3B	Mx	.004	.5
64	MP3B	X	22.048	5.5
65	MP3B	Z	-12.73	5.5
66	MP3B	Mx	.004	5.5
67	MP3C	X	26.277	.5
68	MP3C	Z	-15.171	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
69	MP3C	Mx	.008	.5
70	MP3C	X	26.277	5.5
71	MP3C	Z	-15.171	5.5
72	MP3C	Mx	.008	5.5
73	MP3A	X	22.048	.5
74	MP3A	Z	-12.73	.5
75	MP3A	Mx	004	.5
76	MP3A	X	22.048	5.5
77	MP3A	Z	-12.73	5.5
78	MP3A	Mx	004	5.5
79	MP3B	X	22.048	.5
80	MP3B	Z	-12.73	.5
81	MP3B	Mx	.018	.5
82	MP3B	X	22.048	5.5
83	MP3B	Z	-12.73	5.5
84	MP3B	Mx	.018	5.5
85	MP3C	X	26.277	.5
86	MP3C	Z	-15.171	.5
87	MP3C	Mx	023	.5
88	MP3C	X	26.277	5.5
89	MP3C	Z	-15.171	5.5
90	MP3C	Mx	023	5.5
91	M99	X	7.745	1
92	M99	Z	-4.472	
93	M99	Mx	0	1
94	M97	X	24.723	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
95	M97	Z	-14.274	1
96	M97	Mx	0	
97	M95	X	24.723	1
98	M95	Z	-14.274	
99	M95	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	8.64	2
2	MP4A	Z	0	2
3	MP4A	Mx	004	2
4	MP4A	X	8.64	4
5	MP4A	Z	0	4
6	MP4A	Mx	004	4
7	MP4B	X	16.798	2
8	MP4B	Z	0	2
9	MP4B	Mx	.004	2
10	MP4B	X	16.798	4
11	MP4B	Z	0	4
12	MP4B	Mx	.004	4
13	MP4C	X	19.517	2
14	MP4C	Z	0	2
15	MP4C	Mx	0	2
16	MP4C	X	19.517	4
17	MP4C	Z	0	4
18	MP4C	Mx	0	4
19	MP2A	X	11.945	1.5
20	MP2A	Ž	0	1.5
21	MP2A	Mx	.006	1.5
22	MP2B	X	15.638	1.5

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

Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
23 MP2B	Z	0	1.5
24 MP2B	Mx	004	1.5
25 MP2C	X	16.869	1.5
26 MP2C	Z	0	1.5
27 MP2C	Mx	0	1.5
28 MP3A	X	11.058	1.5
29 MP3A	Z	0	1.5
30 MP3A	Mx	.006	1.5
31 MP3B	X	15.417	1.5
32 MP3B	Z	0	1.5
33 MP3B	Mx	004	1.5
34 MP3C	X	16.869	1.5
35 MP3C	Z	0	1.5
36 MP3C	Mx	0	1.5
37 MP1B	X	26.551	.5
38 MP1B	Z	0	.5
39 MP1B	Mx	.007	.5
40 MP1B	X	26.551	5.5
41 MP1B	Z	0	5.5
42 MP1B	Mx	.007	5.5
43 MP1C	X	15.406	1.5
44 MP1C	Z	0	1.5
45 MP1C	Mx	0	1.5
46 MP1C	X	15.406	4.5
47 MP1C	Z	0	4.5
48 MP1C	Mx	0	4.5
49 MP1A	X	19.914	.5
50 MP1A	Z	0	.5
51 MP1A	Mx	01	.5
52 MP1A	X	19.914	5.5
53 MP1A	Z	0	5.5
54 MP1A	Mx	01	5.5
55 MP3A	X	23.017	.5
56 MP3A	Z	0	.5
57 MP3A	Mx	012	.5
58 MP3A	X	23.017	5.5
59 MP3A	Ž	0	5.5
60 MP3A	Mx	012	5.5
61 MP3B	X	30.343	.5
62 MP3B	Ž	0	.5
63 MP3B	Mx	008	.5
64 MP3B	X	30.343	5.5
65 MP3B	Ž	0	5.5
66 MP3B	Mx	008	5.5
67 MP3C	X	32.784	.5
68 MP3C	Ž	0	.5
69 MP3C	Mx	.019	.5
70 MP3C	X	32.784	5.5
71 MP3C	Ž	0	5.5
72 MP3C	Mx	.019	5.5
73 MP3A	X	23.017	.5
	Ž	0	.5
74 MP3A	Mx	012	.5
75 MP3A	X	23.017	5.5
76 MP3A	Z	0	5.5
77 MP3A	Mx	012	5.5
78 MP3A		30.343	.5
79 MP3B	X	30.343	

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
80	MP3B	Z	0	.5
81	MP3B	Mx	.023	.5
82	MP3B	X	30.343	5.5
83	MP3B	Z	0	5.5
84	MP3B	Mx	.023	5.5
85	MP3C	X	32.784	.5
86	MP3C	Z	0	.5
87	MP3C	Mx	019	.5
88	MP3C	X	32.784	5.5
89	MP3C	Z	0	5.5
90	MP3C	Mx	019	5.5
91	M99	X	8.964	1
92	M99	Z	0	
93	M99	Mx	0	1
94	M97	X	26.767	
95	M97	Z	0	1
96	M97	Mx	0	THE PARTY OF THE P
97	M95	X	26.767	
98	M95	Z	0	
99	M95	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	9.837	2
2	MP4A	Z	5.679	2
3	MP4A	Mx	005	2
4	MP4A	X	9.837	4
5	MP4A	Z	5.679	4
6	MP4A	Mx	005	4
7	MP4B	X	16.902	2
8	MP4B	Z	9.758	2
9	MP4B	Mx	0	2
10	MP4B	X	16.902	4
11	MP4B	Z	9.758	4
12	MP4B	Mx	0	4
13	MP4C	X	14.547	2
14	MP4C	Z	8.399	2
15	MP4C	Mx	.004	2
16	MP4C	X	14.547	4
17	MP4C	Z	8.399	4
18	MP4C	Mx	.004	4
19	MP2A	X	11.411	1.5
20	MP2A	Z	6.588	1.5
21	MP2A	Mx	.006	1.5
22	MP2B	X	14.609	1.5
23	MP2B	Z	8.435	1.5
24	MP2B	Mx	0	1.5
25	MP2C	X	13.543	1.5
26	MP2C	Z	7.819	1.5
27	MP2C	Mx	004	1.5
28	MP3A	X	10.835	1.5
29	MP3A	Z	6,255	1.5
30	MP3A	Mx	.005	1.5
31	MP3B	X	14.609	1.5
32	MP3B	Z	8.435	1.5
33	MP3B	Mx	0	1.5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
34	MP3C	X	13.351	1.5
35	MP3C	Z	7.708	1.5
36	MP3C	Mx	004	1.5
37	MP1B	X	25.487	.5
38	MP1B	Z	14.715	.5
39	MP1B	Mx	0	.5
40	MP1B	X	25.487	5.5
41	MP1B	Z	14.715	5.5
42	MP1B	Mx	0	5.5
43	MP1C	X	12.73	1.5
44	MP1C	Z	7.35	1.5
45	MP1C	Mx	.004	1.5
46	MP1C	X	12.73	4.5
47	MP1C	Z	7.35	4.5
48	MP1C	Mx	.004	4.5
49	MP1A	X	18.186	.5
50	MP1A	Z	10.5	.5
51	MP1A	Mx	009	.5
52	MP1A	X	18.186	5.5
53	MP1A	Z	10.5	5.5
54	MP1A	Mx	009	5.5
55	МРЗА	X	22.048	5
56	MP3A	Z	12.73	.5
57	MP3A	Mx	004	.5
58	MP3A	X	22.048	5.5
59	MP3A	Z	12.73	5.5
60	MP3A	Mx	004	5.5
61	MP3B	X	28.392	.5
62	MP3B	Z	16.392	.5
63	MP3B	Mx	019	.5
64	MP3B	X	28.392	5.5
65	MP3B	Z	16.392	5.5
66	MP3B	Mx	019	5.5
67	MP3C	X	26.277	.5
68	MP3C	Z	15.171	.5
69	MP3C	Mx	.023	.5
70	MP3C	X	26.277	5.5
71	MP3C	Z	15.171	5.5
72	MP3C	Mx	.023	5.5
73	MP3A	X	22.048	.5
74	MP3A	Z	12.73	.5
75	MP3A	Mx	018	.5
76	MP3A	X	22.048	5.5
77	MP3A	Z	12.73	5.5
78	MP3A	Mx	018	5.5
79	MP3B	X	28.392	.5
80	MP3B	Z	16.392	.5
81	MP3B	Mx	.019	.5
82	MP3B	X	28.392	5.5
83	MP3B	Z	16.392	5.5
84	MP3B	Mx	.019	5.5
85	MP3C	X	26.277	.5
86	MP3C	Z	15.171	.5
87	MP3C	Mx	008	.5
88	MP3C	X	26.277	5.5
89	MP3C	Z	15.171	5.5
90	MP3C	Mx	008	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
91	M99	X	7.745	1
92	M99	Z	4.472	1
93	M99	Mx	0	1
94	M97	X	24.723	
95	M97	Z	14.274	1
96	M97	Mx	0	
97	M95	X	24.723	1
98	M95	Z	14.274	
99	M95	Mx	0.	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	8.399	2
2	MP4A	Z	14.547	2
3	MP4A	Mx	004	2
4	MP4A	X	8.399	4
5	MP4A	Z	14.547	4
6	MP4A	Mx	004	4
7	MP4B	X	8.399	2
8	MP4B	Z	14.547	2
9	MP4B	Mx	004	2
10	MP4B	X	8.399	4
11	MP4B	Z	14.547	4
12	MP4B	Mx	004	4
13	MP4C	X	5.679	2
14	MP4C	Z	9.837	2 2
15	MP4C	Mx	.005	2
16	MP4C	X	5.679	4
17	MP4C	Z	9.837	4
18	MP4C	Mx	.005	4
19	MP2A	X	7.819	1.5
20	MP2A	Z	13.543	1.5
21	MP2A	Mx	.004	1.5
22	MP2B	X	7.819	1.5
23	MP2B	Z	13.543	1.5
24	MP2B	Mx	.004	1.5
25	MP2C	X	6.588	1.5
26	MP2C	Z	11.411	1.5
27	MP2C	Mx	006	1.5
28	MP3A	X	7.708	1.5
29	MP3A	Z	13.351	1.5
30	MP3A	Mx	.004	1.5
31	MP3B	X	7.708	1.5
32	MP3B	Z	13.351	1.5
33	MP3B	Mx	.004	1.5
34	MP3C	X	6.255	1.5
35	MP3C	Z	10.835	1.5
36	MP3C	Mx	005	1.5
37	MP1B	X	13.276	.5
38	MP1B	Z	22.994	,5
39	MP1B	Mx	007	.5
40	MP1B	X	13.276	5.5
41	MP1B	Z	22.994	5.5
42	MP1B	Mx	007	5.5
43	MP1C	X	6.644	1.5
44	MP1C	Z	11.507	1.5



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
45	MP1C	Mx	.006	1.5
46	MP1C	X	6.644	4.5
47	MP1C	Z	11.507	4.5
48	MP1C	Mx	.006	4.5
49	MP1A	X	11.586	.5
50	MP1A	Z	20.067	.5
51	MP1A	Mx	006	.5
52	MP1A	X	11.586	5.5
53	MP1A	Z	20.067	5.5
54	MP1A	Mx	006	5.5
55	MP3A	X	15.171	.5
56	MP3A	Z	26.277	.5
57	MP3A	Mx	.008	.5
58	MP3A	X	15.171	5.5
59	MP3A	Z	26.277	5.5
50	MP3A	Mx	.008	5.5
51	MP3B	X	15.171	.5
52	MP3B	Z	26.277	.5
	MP3B	Mx	023	.5
33	MP3B	X	15.171	5.5
54 55	MP3B	Z	26.277	5.5
		Mx	023	5.5
36	MP3B	X	12.73	.5
67	MP3C	Z	22.048	.5
88	MP3C		.018	.5
39	MP3C	Mx		5.5
70	MP3C	X	12.73	5.5
71	MP3C	Z	22.048	5.5
72	MP3C	Mx	.018	
73	MP3A	X	15.171	.5
74	MP3A	Z	26.277	.5
75	MP3A	Mx	023	.5
76	MP3A	X	15.171	5.5
77	MP3A	Z	26.277	5.5
78	MP3A	Mx	023	5.5
79	MP3B	X	15.171	.5
30	MP3B	Z	26.277	.5
31	MP3B	Mx	.008	.5
32	MP3B	X	15.171	5.5
33	MP3B	Z	26.277	5.5
34	MP3B	Mx	.008	5.5
35	MP3C	X	12.73	.5
36	MP3C	Z	22.048	.5
37	MP3C	Mx	.004	.5
88	MP3C	X	12.73	5.5
39	MP3C	Z	22.048	5.5
90	MP3C	Mx	.004	5.5
91	M99	X	4.451	1
92	M99	Z	7.709	
93	M99	Mx	0	11
94	M97	X	16.055	1 2 2 2 2 2
95	M97	Z	27.808	1
96	M97	Mx	0	1
97	M95	X	16.055	1
98	M95	Ž	27.808	
98	M95	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	0	2
2	MP4A		19.517	2
3	MP4A	Mx	0	2
4	MP4A	X	0	4
5	MP4A	Z	19.517	4
6 7	MP4A	Mx	0	4
8	MP4B MP4B	X	0	2
9	MP4B	Mx	11.359 005	2
10	MP4B	X	005	2 4
11	MP4B	Z	11.359	4
12	MP4B	Mx	005	4
13	MP4C	X	0	2
14	MP4C	Ž	8.64	2
15	MP4C	Mx	.004	2
16	MP4C	X	0	4
17	MP4C	Z	8.64	4
18	MP4C	Mx	.004	4
19	MP2A	X	0	1.5
20	MP2A	Z	16.869	1.5
21	MP2A	Mx	0	1.5
22	MP2B	X	0	1.5
23	MP2B	Z	13.176	1.5
24	MP2B	Mx	.006	1.5
25	MP2C	X	0	1.5
26	MP2C	Z	11.945	1.5
27	MP2C	Mx	006	1.5
28	MP3A	X	0	1.5
29	MP3A	Z	16.869	1.5
30	MP3A	Mx	0	1.5
31	MP3B	X	0	1.5
32 33	MP3B MP3B		12.511	1.5
34	MP3C	Mx X	.005	1.5
35	MP3C	Z	11.058	1.5 1.5
36	MP3C	Mx	006	1.5
37	MP1B	X	0	.5
38	MP1B	Z	20.793	.5
39	MP1B	Mx	009	.5
40	MP1B	X	0	5.5
41	MP1B	Z	20.793	5.5
42	MP1B	Mx	009	5.5
43	MP1C	X	0	1.5
44	MP1C		12.581	1.5
45	MP1C	Mx	.006	1.5
46	MP1C	X	0	4.5
47	MP1C	Z	12.581	4.5
48	MP1C	Mx	.006	4.5
49	MP1A	X	0	.5
50	MP1A	Z	24.257	.5
51	MP1A	Mx	0	.5
52	MP1A	X	0	5.5
53	MP1A	Z	24.257	5.5
54 55	MP1A MP2A	Mx	0	5.5
56	MP3A MP3A	X	0	.5
57	MP3A	Mx	32.784	.5
UI	IVIT OA	IVIX	.019	.5



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3A	X	0	5.5
59	MP3A	Z	32.784	5.5
60	MP3A	Mx	.019	5.5
61	MP3B	X	0	.5
62	MP3B	Z	25.459	.5
63	MP3B	Mx	018	.5
64	MP3B	X	0	5.5
65	MP3B	Z	25.459	5.5
66	MP3B	Mx	018	5.5
67	MP3C	X	0	.5
68	MP3C	Z	23.017	.5
69	MP3C	Mx	.012	.5
70	MP3C	X	0	5.5
71	MP3C	Z	23.017	5.5
72	MP3C	Mx	.012	5.5
73	MP3A	X	0	.5
74	MP3A	Z	32.784	.5
75	MP3A	Mx	019	.5
76	MP3A	X	0	5.5
77	MP3A	Z	32.784	5.5
78	MP3A	Mx	019	5.5
79	MP3B	X	0	.5
80	MP3B	Z	25.459	.5
81	MP3B	Mx	004	.5
82	MP3B	X	0	5.5
83	MP3B	Z	25.459	5.5
84	MP3B	Mx	004	5.5
85	MP3C	X	0	.5
86	MP3C	Z	23.017	.5
87	MP3C	Mx	.012	.5
88	MP3C	X	0	5.5
89	MP3C	Z	23.017	5.5
90	MP3C	Mx	.012	5.5
91	M99	X	0	1
92	M99	Z	8.881	
93	M99	Mx	0	1
94	M97	X	0	
95	M97	Z	33.891	1
96	M97	Mx	0	
97	M95	X	0	1
98	M95	Z	33.891	
99	M95	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	-8.399	2
2	MP4A	Z	14.547	2
3	MP4A	Mx	.004	2
4	MP4A	X	-8.399	4
5	MP4A	Z	14.547	4
6	MP4A	Mx	.004	4
7	MP4B	X	-4.32	2
8	MP4B	Z	7.482	2
9	MP4B	Mx	004	2
10	MP4B	X	-4.32	4
11	MP4B	Z	7.482	4

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
12	MP4B	Mx	004	4
13	MP4C	X	-5.679	2
14	MP4C	Z	9.837	2
15	MP4C	Mx	.005	2
16	MP4C	X	-5.679	4
17	MP4C	Z	9.837	4
18	MP4C	Mx	.005	4
19	MP2A	X	-7.819	1.5
20	MP2A	Z	13.543	1.5
21	MP2A	Mx	004	1.5
22	MP2B	X	-5.972	1.5
23	MP2B	Z	10.344	1.5
24	MP2B	Mx	.006	1.5
25	MP2C	X	-6.588	1.5
26	MP2C	Z	11.411	1.5
27	MP2C	Mx	006	1.5
28	MP3A	X	-7.708	1.5
29	MP3A	Z	13.351	1.5
30	MP3A	Mx	004	1.5
31	MP3B	X	-5.529	1.5
	MP3B		9.577	1.5
33	MP3B	Mx	.006	1.5
34	MP3C	X	-6.255	1.5
35 36	MP3C MP3C	Z	10.835	1.5
37	MP1B	Mx	005	1.5
38	MP1B	X	-8.957	.5
39	MP1B	Mx	15.514 009	.5
40	MP1B	X	-8.957	.5 5.5
41	MP1B	Z	15.514	5.5
42	MP1B	Mx	009	5.5
43	MP1C	X	-6.644	1.5
44	MP1C	Ž	11.507	1.5
45	MP1C	Mx	.006	1.5
46	MP1C	X	-6.644	4.5
47	MP1C	Z	11.507	4.5
48	MP1C	Mx	.006	4.5
49	MP1A	X	-11.586	.5
50	MP1A	Z	20.067	.5
51	MP1A	Mx	.006	.5
52	MP1A	X	-11.586	5.5
53	MP1A	Z	20.067	5.5
54	MP1A	Mx	.006	5.5
55	MP3A	X	-15.171	.5
56	MP3A	Z	26.277	.5
57	MP3A	Mx	.023	5
58	MP3A	X	-15.171	5.5
59	MP3A	Z	26.277	5.5
60	MP3A	Mx	.023	5.5
61	MP3B	X	-11.509	.5
62	MP3B	Z	19.934	.5
63	MP3B	Mx	012	.5
64	MP3B	X	-11.509	5.5
65	MP3B	Z	19.934	5.5
66	MP3B	Mx	012	5.5
67	MP3C	X	-12.73	.5
68	MP3C	Z	22.048	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
69	MP3C	Mx	.004	.5
70	MP3C	X	-12.73	5.5
71	MP3C	Z	22.048	5.5
72	MP3C	Mx	.004	5.5
73	MP3A	X	-15.171	.5
74	MP3A	Z	26.277	.5
75	MP3A	Mx	008	.5
76	MP3A	X	-15.171	5.5
77	MP3A	Z	26,277	5.5
78	MP3A	Mx	008	5.5
79	MP3B	X	-11.509	.5
80	MP3B	Ž	19.934	.5
81	MP3B	Mx	012	.5
82	MP3B	X	-11.509	5.5
83	MP3B	Ž	19.934	5.5
84	MP3B	Mx	012	5.5
85	MP3C	X	-12.73	.5
86	MP3C	Ž	22.048	.5
87	MP3C	Mx	.018	.5
88	MP3C	X	-12.73	5.5
89	MP3C	Z	22.048	5.5
90	MP3C	Mx	.018	5.5
91	M99	X	-4.451	1
92	M99	Z	7.709	
93	M99	Mx	0	1
94	M97	X	-16.055	
95	M97	Z	27.808	1
	M97	Mx	0	
96 97	M95	X	-16.055	1
	M95	Z	27.808	
98	M95	Mx	0	1
99	IVIÐO	IVIA		

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	-9.837	2
2	MP4A	Z	5.679	2
3	MP4A	Mx	.005	2
4	MP4A	X	-9.837	4
5	MP4A	Z	5.679	4
6	MP4A	Mx	.005	4
7	MP4B	X	-9.837	2
8	MP4B	Z	5.679	2
9	MP4B	Mx	005	2
10	MP4B	X	-9.837	4
11	MP4B	Z	5.679	4
12	MP4B	Mx	005	4
13	MP4C	X	-14.547	2
14	MP4C	Z	8.399	2
15	MP4C	Mx	.004	2
16	MP4C	X	-14.547	4
17	MP4C	Z	8.399	4.
18	MP4C	Mx	.004	4
19	MP2A	X	-11.411	1.5
20	MP2A	Z	6.588	1.5
21	MP2A	Mx	006	1.5
22	MP2B	X	-11.411	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
23	MP2B	Z	6.588	1.5
24	MP2B	Mx	.006	1.5
25	MP2C	X	-13.543	1.5
26	MP2C	Z	7.819	1.5
27	MP2C	Mx	004	1.5
28	MP3A	X	-10.835	1.5
29	MP3A	Z	6.255	1.5
30	MP3A	Mx	005	1.5
31	MP3B	X	-10.835	1.5
33	MP3B	Z	6.255	1.5
34	MP3B MP3C	Mx	.005	1.5
35	MP3C	X	-13.351	1.5
36	MP3C	Mx	7.708	1.5
37	MP1B	X	004	1.5
38	MP1B	Ž	-18.007 10.397	.5 .5
39	MP1B	Mx	009	.5
40	MP1B	X	-18.007	5.5
41	MP1B	Ž	10.397	5.5
42	MP1B	Mx	009	5.5
43	MP1C	X	-12.73	1.5
44	MP1C	Z	7.35	1.5
45	MP1C	Mx	.004	1.5
46	MP1C	X	-12.73	4.5
47	MP1C	Z	7.35	4.5
48	MP1C	Mx	.004	4.5
49	MP1A	X	-18.186	.5
50	MP1A	Z	10.5	.5
51	MP1A	Mx	.009	.5
52	MP1A	X	-18.186	5.5
53	MP1A	Z	10.5	5.5
54 55	MP1A	Mx	.009	5.5
56	MP3A MP3A	X	-22.048	.5
57	MP3A	Mx	12.73	.5
58	MP3A	X	.018 -22.048	.5
59	MP3A	Z	12.73	5.5
60	MP3A	Mx	.018	5.5 5.5
61	MP3B	X	-22.048	.5
62	MP3B	Z	12.73	.5
63	MP3B	Mx	004	.5
64	MP3B	X	-22.048	5.5
65	MP3B	Z	12.73	5.5
66	MP3B	Mx	004	5.5
67	MP3C	X	-26.277	.5
68	MP3C	Z	15.171	.5
69	MP3C	Mx	008	.5
70	MP3C	X	-26.277	5.5
71	MP3C	Z	15.171	5.5
72	MP3C	Mx	008	5.5
73	MP3A	X	-22.048	.5
74 75	MP3A	Z	12.73	.5
76	MP3A	Mx	.004	.5
77	MP3A MP3A	X	-22.048	5.5
78	MP3A	Z	12.73	5.5
79	MP3B	Mx X	.004 -22.048	5.5
13	IVII JD	^	-ZZ.U4ŏ	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
80	MP3B	Z	12.73	.5
81	MP3B	Mx	018	.5
82	MP3B	X	-22.048	5.5
83	MP3B	Z	12.73	5.5
84	MP3B	Mx	018	5.5
85	MP3C	X	-26.277	.5
86	MP3C	Z	15.171	.5
87	MP3C	Mx	.023	.5
88	MP3C	X	-26.277	5.5
89	MP3C	Z	15.171	5.5
90	MP3C	Mx	.023	5.5
91	M99	X	-7.745	1
92	M99	Z	4.472	
93	M99	Mx	0	1
94	M97	X	-24.723	1
95	M97	Z	14.274	1
96	M97	Mx	0	
97	M95	X	-24.723	1
98	M95	Ž	14.274	
99	M95	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	-8.64	2
2	MP4A	Z	0	2
3	MP4A	Mx	.004	2
4	MP4A	X	-8.64	4
5	MP4A	Z	0	4
6	MP4A	Mx	.004	4
7	MP4B	X	-16.798	2
8	MP4B	Z	0	2
9	MP4B	Mx	004	2
10	MP4B	X	-16.798	4
11	MP4B	Z	0	4
12	MP4B	Mx	004	4
13	MP4C	X	-19.517	2
14	MP4C	Z	0	2
15	MP4C	Mx	0	2
16	MP4C	X	-19.517	4
17	MP4C	Z	0	4
18	MP4C	Mx	0	4
19	MP2A	X	-11.945	1.5
20	MP2A	Z	0	1.5
21	MP2A	Mx	006	1.5
22	MP2B	X	-15.638	1.5
23	MP2B	Z	0	1.5
24	MP2B	Mx	.004	1.5
25	MP2C	X	-16.869	1.5
26	MP2C	Z	0	1.5
27	MP2C	Mx	0	1.5
28	MP3A	X	-11.058	1.5
29	MP3A	Z	0	1.5
30	MP3A	Mx	006	1.5
31	MP3B	X	-15.417	1.5
32	MP3B	Z	0	1.5
33	MP3B	Mx	.004	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
34	MP3C	X	-16.869	1.5
35	MP3C	Z	0	1.5
36	MP3C	Mx	0	1.5
37	MP1B	X	-26.551	.5
38	MP1B	Z	0	.5
39	MP1B	Mx	007	.5
40	MP1B	X	-26.551	5.5
41	MP1B	Z	0	5.5
42	MP1B	Mx	007	5.5
44	MP1C MP1C	X	-15.406	1.5
45	MP1C	Mx	0	1.5
46	MP1C	X	-15.406	1.5
47	MP1C	Ž	-13.406	4.5
48	MP1C	Mx	0	4.5 4.5
49	MP1A	X	-19.914	.5
50	MP1A	Z	0	.5
51	MP1A	Mx	.01	.5
52	MP1A	X	-19.914	5.5
53	MP1A	Z	0	5.5
54	MP1A	Mx	.01	5.5
55	MP3A	X	-23.017	.5
56	MP3A	Z	0	.5
57	MP3A	Mx	.012	.5
58	MP3A	X	-23.017	5.5
59	MP3A	Z	0	5.5
60	MP3A	Mx	.012	5.5
61	MP3B	X	-30.343	.5
62 63	MP3B	Z	0	.5
64	MP3B MP3B	Mx	.008	.5
65	MP3B	X	-30.343	5.5
66	MP3B	Mx	.008	5.5
67	MP3C	X	-32.784	5.5
68	MP3C	Ž	0	.5 .5
69	MP3C	Mx	019	.5
70	MP3C	X	-32.784	5.5
71	MP3C	Z	0	5.5
72	MP3C	Mx	019	5.5
73	MP3A	X	-23.017	.5
74	MP3A	Z	0	.5
75	MP3A	Mx	.012	.5
76	MP3A	X	-23.017	5.5
77	MP3A	Z	0	5.5
78	MP3A	Mx	.012	5.5
79	MP3B	X	-30.343	.5
80	MP3B	Z	0	.5
81	MP3B	Mx	023	.5
82 83	MP3B	X	-30.343	5.5
84	MP3B MP3B	Z	0	5.5
85	MP3C	Mx X	023	5.5
86	MP3C	Z	-32.784 0	.5
87	MP3C	Mx	.019	.5
88	MP3C	X	-32.784	.5 5.5
89	MP3C	Z	0	5.5
90	MP3C	Mx	.019	5.5



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
91	M99	X	-8.964	1
92	M99	Z	0	
93	M99	Mx	0	1
94	M97	X	-26.767	
95	M97	Z	0	1
96	M97	Mx	0	
97	M95	X	-26.767	1
98	M95	Z	0	
99	M95	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	-9.837	2
2	MP4A	Z	-5.679	2
3	MP4A	Mx	.005	2
4	MP4A	X	-9.837	4
5	MP4A	Z	-5.679	4
6	MP4A	Mx	.005	4
7	MP4B	X	-16.902	2
8	MP4B	Z	-9.758	2
9	MP4B	Mx	0	2
10	MP4B	X	-16.902	4
11	MP4B	Z	-9.758	4
12	MP4B	Mx	0	4
13	MP4C	X	-14.547	2
14	MP4C	Z	-8.399	2
15	MP4C	Mx	004	2
16	MP4C	X	-14.547	4
17	MP4C	Z	-8.399	4
18	MP4C	Mx	004	4
19	MP2A	X	-11.411	1.5
20	MP2A	Z	-6.588	1.5
21	MP2A	Mx	006	1.5
22	MP2B	X	-14.609	1.5
23	MP2B	Z	-8.435	1.5
24	MP2B	Mx	0	1.5
25	MP2C	X	-13.543	1.5
26	MP2C	Z	-7.819	1.5
27	MP2C	Mx	.004	1.5
28	MP3A	X	-10.835	1.5
29	MP3A	Z	-6.255	1.5
30	MP3A	Mx	005	1.5
31	MP3B	X	-14.609	1.5
32	MP3B	Z	-8.435	1.5
33	MP3B	Mx	0	1.5
34	MP3C	X	-13.351	1.5
35	MP3C	Z	-7.708	1.5
36	MP3C	Mx	.004	1.5
37	MP1B	X	-25.487	.5
38	MP1B	Ž	-14.715	.5
39	MP1B	Mx	0	.5
40	MP1B	X	-25.487	5.5
41	MP1B	Z	-14.715	5.5
42	MP1B	Mx	0	5.5
43	MP1C	X	-12.73	1.5
44	MP1C	Z	-7.35	1.5

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

45	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
45	MP1C	Mx	004	1.5
46	MP1C	X	-12.73	4.5
47	MP1C	Z	-7.35	4.5
48	MP1C	Mx	004	4.5
49	MP1A	X	-18.186	.5
50	MP1A	Z	-10.5	.5
51	MP1A	Mx	.009	.5
52	MP1A	X	-18.186	5.5
53	MP1A	Z	-10.5	5.5
54	MP1A	Mx	.009	5.5
55	MP3A	X	-22.048	.5
56	MP3A	Z	-12.73	.5
57 58	MP3A	Mx	.004	.5
59	MP3A	X	-22.048	5.5
60	MP3A	Z	-12.73	5.5
61	MP3A	Mx	.004	5.5
62	MP3B MP3B	X	-28.392	.5
63	MP3B		-16.392	.5
64	MP3B	Mx	.019	.5
65	MP3B	X Z	-28.392	5.5
66	MP3B	Mx	-16.392	5.5
67	MP3C	X	.019	5.5
68	MP3C	Z	-26.277	.5
69	MP3C	Mx	-15.171 023	.5
70	MP3C	X	-26.277	.5
71	MP3C	Z	-20.277 -15.171	5.5
72	MP3C	Mx	023	5.5
73	MP3A	X	-22.048	5.5
74	MP3A	Z	-12.73	.5
75	MP3A	Mx	.018	.5 .5
76	MP3A	X	-22.048	5.5
77	MP3A	Z	-12.73	5.5
78	MP3A	Mx	.018	5.5
79	MP3B	X	-28.392	.5
30	MP3B	Z	-16.392	.5
31	MP3B	Mx	019	.5
32	MP3B	X	-28.392	5.5
33	MP3B	Z	-16.392	5.5
34	MP3B	Mx	019	5.5
35	MP3C	X	-26.277	.5
36	MP3C	Z	-15.171	.5
37	MP3C	Mx	.008	.5
38	MP3C	X	-26.277	5.5
39	MP3C	Z	-15.171	5.5
90	MP3C	Mx	.008	5.5
91	M99	X	-7.745	1
92	M99	Z	-4.472	
93	M99	Mx	0	1
94	M97	X	-24.723	
95	M97	Z	-14.274	1
96	M97	Mx	0	
97	M95	X	-24.723	1
98	M95		-14.274	
99	M95	Mx	0	1



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

Memb	er Label Direction	Magnitude[lb,k-ft]	Location[ft,%]
	P4A X	-8.399	2
2 MF		-14.547	2
	P4A Mx	.004	2
4 Mi	P4A X	-8.399	4
5 MF	P4A Z	-14.547	4
6 MF	P4A Mx	.004	4
	P4B X	-8.399	2
	P4B Z	-14.547	2
9 MF	P4B Mx	.004	2
	P4B X	-8.399	4
	P4B Z	-14.547	4
	P4B Mx	.004	4
	P4C X	-5.679	2
	P4C Z	-9.837	2
15 MF	P4C Mx	005	2
	P4C X	-5.679	4
	P4C Z	-9.837	4
	P4C Mx	005	4
	2A X	-7.819	1.5
	P2A Z	-13.543	1.5
	P2A Mx	004	1.5
	P2B X	-7.819	1.5
	P2B Z	-13.543	1.5
	P2B Mx	004	1.5
25 MF	P2C X	-6.588	1.5
	P2C Z	-11.411	1.5
	P2C Mx	.006	1.5
	P3A X	-7.708	1.5
	P3A Z	-13.351	1.5
	P3A Mx	004	1.5
	P3B X	-7.708	1.5
		-13.351	1.5
	P3B Z P3B Mx	004	1.5
		-6.255	1.5
		-10.835	1.5
		.005	1.5
		-13.276	.5
	P1B X	-22.994	.5
		.007	.5
	P1B Mx	-13.276	5.5
	P1B X	-22.994	5.5
	P1B Z	.007	5.5
	P1B Mx	-6.644	1.5
	P1C X	-0.644	1.5
		006	1.5
	P1C Mx	-6.644	4.5
	P1C X	-0.644	4.5
	P1C Z	006	4.5
	P1C Mx	-11.586	.5
	P1A X		.5
	P1A Z	-20.067	.5
	P1A Mx	.006	5,5
	P1A X	-11.586	
	P1A Z	-20.067	5.5
	P1A Mx	.006	5.5
	P3A X	-15.171	.5
	P3A Z	-26.277	.5
57 MI	P3A Mx	008	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3A	X	-15.171	5.5
59	MP3A	Z	-26.277	5.5
60	MP3A	Mx	008	5.5
61	MP3B	X	-15.171	.5
62	MP3B	Z	-26.277	.5
63	MP3B	Mx	.023	.5
64	MP3B	X	-15.171	5.5
65	MP3B	Z	-26.277	5.5
66	MP3B	Mx	.023	5.5
67	MP3C		-12.73	.5
68	MP3C	X	-22.048	.5
69	MP3C	Mx	018	.5
70	MP3C	X	-12.73	5.5
71	MP3C	Z	-22.048	5.5
72	MP3C	Mx	018	5.5
73	MP3A	X	-15.171	.5
74	MP3A	Z	-26.277	.5
75	MP3A	Mx	.023	.5
76	MP3A	X	-15.171	5.5
77	MP3A	Z	-26.277	5.5
78	MP3A	Mx	.023	5.5
79	MP3B	X	-15.171	.5
80	MP3B	Z	-26.277	.5
81	MP3B	Mx	008	.5
82	MP3B	X	-15.171	5.5
83	MP3B	Z	-26.277	5.5
84	MP3B	Mx	008	5.5
85	MP3C	X	-12.73	.5
86	MP3C	7	-22.048	.5
87	MP3C	Mx	004	.5
88	MP3C	X	-12.73	5.5
89	MP3C	Z	-22.048	5.5
90	MP3C	Mx	004	5.5
91	M99	X	-4.451	1
92	M99	Z	-7.709	Control of the last of the las
93	M99	Mx	0	1
94	M97	X	-16.055	
95	M97	Ž	-27.808	1
96	M97	Mx	0	
97	M95	X	-16.055	1
98	M95	Z	-27.808	
99	M95	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	0	2
2	MP4A	Z	-4.916	2
3	MP4A	Mx	0	2
4	MP4A	X	0	4
5	MP4A	Z	-4.916	4
6	MP4A	Mx	0	4 - 4
7	MP4B	X	0	2
8	MP4B	Z	-2.499	2
9	MP4B	Mx	.001	2
10	MP4B	X	0	4
11	MP4B	Z	-2.499	4

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

	Member Label	Direction	Wm (0 Deg)) (Continued) Magnitude[lb,k-ft]	Location[ft,%]
12	MP4B	Mx	.001	4
13	MP4C	X	0	2
14	MP4C	Ž	-1.693	2
15	MP4C	Mx	000847	2
16	MP4C	X	0	4
17	MP4C	Z	-1.693	4
18	MP4C	Mx	000847	4
19	MP2A	X	0	1.5
20	MP2A	Z	-3.888	1.5
21	MP2A	Mx	0	1.5
22	MP2B	X	0	1.5
23	MP2B	Z	-2.928	1.5
24	MP2B	Mx	001	1.5
25	MP2C	X	0	1.5
26	MP2C	Z	-2.608	1.5
27	MP2C	Mx	.001	1.5
28	MP3A	X	0	1.5
29	MP3A	Z	-3.888	1.5
30	MP3A	Mx	0	1.5
		X	0	1.5
31	MP3B MP3B	Ž	-2.74	1.5
32		Mx	001	1.5
33	MP3B	X	0	1.5
34	MP3C	Z	-2.358	1.5
35	MP3C		.001	1.5
36	MP3C	Mx	0	.5
37	MP1B	X	-6.071	.5
38	MP1B			.5
39	MP1B	Mx	.003	5.5
40	MP1B	X		5.5
41	MP1B	Z	-6.071	5.5
42	MP1B	Mx	.003	1.5
43	MP1C	X	0	1.5
44	MP1C	Z	-3.502	1.5
45	MP1C	Mx	002	4.5
46	MP1C	X	0	4.5
47	MP1C	Z	-3.502	
48	MP1C	Mx	002	4.5
49	MP1A	X	0	.5
50	MP1A	Z	-7.223	.5
51	MP1A	Mx	0	.5
52	MP1A	X	0	5.5
53	MP1A	Z	-7.223	5.5
54	MP1A	Mx	0	5.5
55	MP3A	X	0	.5
56	MP3A	Z	-6.91	.5
57	MP3A	Mx	004	.5
58	MP3A	X	0	5.5
59	MP3A	Z	-6.91	5.5
60	MP3A	Mx	004	5.5
61	MP3B	X Z	0	.5
62	MP3B		-3.957	.5
63	MP3B	Mx	.003	.5
64	MP3B	X	0	5.5
65	MP3B	Z	-3.957	5.5
66	MP3B	Mx	.003	5.5
67	MP3C	X	0	.5
68	MP3C	Z	-2.972	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
69	MP3C	Mx	001	.5
70	MP3C	X	0	5.5
71	MP3C	Z	-2.972	5.5
72	MP3C	Mx	001	5.5
73	MP3A	X	0	.5
74	MP3A	Z	-6.91	.5
75	MP3A	Mx	.004	.5
76	MP3A	X	0	5.5
77	MP3A	Z	-6.91	5.5
78	MP3A	Mx	.004	5.5
79	MP3B	X	0	.5
80	МРЗВ	Z	-3.957	.5
81	MP3B	Mx	.000559	.5
82	MP3B	X	0	5.5
83	MP3B	Z	-3.957	5.5
84	MP3B	Mx	.000559	5.5
85	MP3C	X	0	.5
86	MP3C	Z	-2.972	.5
87	MP3C	Mx	001	.5
88	MP3C	X	0	5.5
89	MP3C	Z	-2.972	5.5
90	MP3C	Mx	001	5.5
91	M99	X	0	1
92	M99	Z	-2.057	
93	M99	Mx	0	1
94	M97	X	0	1
95	M97	Z	-7.951	1
96	M97	Mx	0	
97	M95	X	0	1
98	M95	Z	-7.951	
99	M95	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	2.055	2
2	MP4A	Z	-3.56	2
3	MP4A	Mx	001	2
4	MP4A	X	2.055	4
5	MP4A	Z	-3.56	4
6	MP4A	Mx	001	4
7	MP4B	X	.846	2
8	MP4B	7	-1.466	2
9	MP4B	Mix	.000846	2
10	MP4B	X	.846	4
11	MP4B	Z	-1.466	4
12	MP4B	Mx	.000846	4
13	MP4C	X	1.249	2
14	MP4C	Z	-2.164	2
15	MP4C	Mx	001	2
16	MP4C	X	1.249	4
17	MP4C	Z	-2.164	4
18	MP4C	Mx	001	4
19	MP2A	X	1.784	1.5
20	MP2A	7	-3.09	1.5
21	MP2A	Mx	.000892	1.5
22	MP2B	X	1.304	1.5



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

23	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
	MP2B	Z	-2.259	1.5
24	MP2B	Mx	001	1.5
25	MP2C	X	1.464	1.5
26	MP2C		-2.536	1.5
27	MP2C	Mx	.001	1.5
28	MP3A	X	1,753	1.5
29	MP3A	Z	-3.035	1.5
30	MP3A	Mx	.000876	1.5
31	MP3B	X	1.179	1.5
32	MP3B	Z	-2.042	1.5
33	MP3B	Mx	001	1.5
34	MP3C	X	1.37	1.5
35	MP3C	Z	-2.373	1.5
36	MP3C	Mx	.001	1,5
37	MP1B	X	2.53	.5
38	MP1B	Z	-4.382	.5
39	MP1B	Mx	.003	.5
10	MP1B	X	2.53	5.5
11	MP1B	Z	-4.382	5.5
12	MP1B	Mx	.003	5.5
13	MP1C	X	1.871	1.5
14	MP1C	Z	-3.241	1.5
45	MP1C	Mx	002	1.5
16	MP1C	X	1.871	4.5
17	MP1C	Z	-3.241	4.5
18	MP1C	Mx	002	4.5
19	MP1A	X	3.424	.5
50	MP1A	Z	-5.93	.5
51	MP1A	Mx	002	.5
52	MP1A	X	3.424	5.5
53	MP1A	Z	-5.93	5.5
54	MP1A	Mx	002	5.5
55	MP3A	X	2.963	.5
56	MP3A	X	-5.132	.5
57	MP3A	Mx	004	.5
58	MP3A	X	2.963	5.5
59	MP3A	Z	-5.132	5.5
50	MP3A	Mx	004	5.5
61	MP3B	X	1.486	.5
62	MP3B	Z	-2.574	.5
63	MP3B	Mx	.001	.5
54	MP3B	X	1.486	5.5
35	MP3B	Z	-2.574	5.5
36 36	MP3B	Mx	.001	5.5
57	MP3C	X	1.978	.5
68	MP3C	Ž	-3.426	.5
	MP3C	Mx	000559	.5
69	MP3C	X	1.978	5.5
70	MP3C	Z	-3.426	5.5
71		Mx	000559	5.5
72	MP3C	X	2.963	.5
73	MP3A	Z	-5.132	.5
74	MP3A		.002	.5
75	MP3A	Mx	2.963	5.5
76	MP3A	Z	-5.132	5.5
77	MP3A		-5.132	5.5
78 79	MP3A MP3B	Mx X	1.486	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
80	MP3B	Z	-2.574	.5
81	MP3B	Mx	.001	.5
82	MP3B	X	1.486	5.5
83	MP3B	Z	-2.574	5.5
84	MP3B	Mx	.001	5.5
85	MP3C	X	1.978	.5
86	MP3C	Z	-3.426	.5
87	MP3C	Mx	003	.5
88	MP3C	X	1.978	5.5
89	MP3C	Z	-3.426	5.5
90	MP3C	Mx	-,003	5.5
91	M99	X	1.032	1
92	M99	Z	-1.788	1
93	M99	Mx	0	1
94	M97	X	3.737	1
95	M97	Z	-6.473	1
96	M97	Mx	0	and the state of t
97	M95	X	3.737	1
98	M95	Z	-6.473	1
99	M95	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft.%]
1	MP4A	X	2.164	2
2	MP4A	Z	-1.249	2
3	MP4A	Mx	001	2
4	MP4A	X	2.164	4
5	MP4A	Z	-1.249	4
6	MP4A	Mx	001	4
7	MP4B	X	2.164	2
8	MP4B	Z	-1.249	2
9	MP4B	Mx	.001	2
10	MP4B	X	2.164	4
11	MP4B	Z	-1.249	4
12	MP4B	Mx	.001	4
13	MP4C	X	3.56	2
14	MP4C	Z	-2.055	2
15	MP4C	Mx	001	2
16	MP4C	X	3,56	4
17	MP4C	Z	-2.055	4
18	MP4C	Mx	001	4
19	MP2A	X	2.536	1.5
20	MP2A	Z	-1.464	1.5
21	MP2A	Mx	.001	1.5
22	MP2B	X	2.536	1.5
23	MP2B	Z	-1.464	1.5
24	MP2B	Mx	001	1.5
25	MP2C	X	3.09	1.5
26	MP2C	Z	-1.784	1.5
27	MP2C	Mx	.000892	1.5
28	MP3A	X	2.373	1.5
29	MP3A	Z	-1.37	1.5
30	MP3A	Mx	.001	1.5
31	MP3B	X	2.373	1.5
32	MP3B	Z	-1.37	1.5
33	MP3B	Mx	001	1.5



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
34	MP3C	X	3,035	1.5
35	MP3C		-1.753	1.5
36	MP3C	Mx	.000876	1.5
37	MP1B	X	5.258	.5 . 5
38	MP1B	Z	-3.036	
39	MP1B	Mx	.003	. <u>5</u> 5.5
40	MP1B	X	5.258	5.5
41	MP1B		-3.036 .003	5.5
42	MP1B	Mx	3.658	1.5
43	MP1C	X	-2.112	1.5
44	MP1C	Mx	001	1.5
45	MP1C MP1C	X	3.658	4.5
46		Z	-2.112	4.5
47	MP1C MP1C	Mx	001	4.5
48 49	MP1A	X	5.279	.5
50	MP1A	Ž	-3.048	.5
51	MP1A	Mx	003	.5
52	MP1A	X	5.279	5.5
53	MP1A	Z	-3.048	5.5
54	MP1A	Mx	003	5.5
55	MP3A	X	3.426	.5
56	MP3A	Z	-1.978	.5
57	MP3A	Mx	003	.5
58	MP3A	X	3.426	5.5
59	MP3A	Z	-1.978	5.5
60	MP3A	Mx	003	5.5
61	MP3B	X	3.426	.5
62	MP3B	Z	-1.978	.5
63	MP3B	Mx	.000559	.5
64	MP3B	X	3.426	5.5
65	MP3B	Z	-1.978	5.5
66	MP3B	Mx	.000559	5.5
67	MP3C	X	5.132	.5
68	MP3C	Z	-2.963	.5
69	MP3C	Mx	.002	.5
70	MP3C	X	5.132	5.5
71	MP3C	Z	-2.963	5.5
72	MP3C	Mx	.002	5.5
73	MP3A	X	3.426	.5
74	MP3A	Z	-1.978	.5
75	MP3A	Mx	000559	.5
76	MP3A	X	3.426	5.5
77	MP3A	Z	-1.978	5.5
78	MP3A	Mx	000559	5.5
79	MP3B	X	3.426	.5
80	MP3B	Z	-1.978	.5
81	MP3B	Mx	.003	.5
82	MP3B	X	3.426	5.5
83	MP3B	Z	-1.978	5.5
84	MP3B	Mx	.003	5.5
85	MP3C	X	5.132	.5
86	MP3C	Z	-2.963	.5
87	MP3C	Mx	004	.5 5.5
88	MP3C	X	5.132	5.5 5.5
89	MP3C	Z	-2.963	5.5
90	MP3C	Mx	004	0.0

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
91	M99	X	1.801	1
92	M99	Z	-1.04	
93	M99	Mx	0	1
94	M97	X	5.647	
95	M97	Z	-3.261	1
96	M97	Mx	0	
97	M95	X	5.647	1
98	M95	Z	-3.261	
99	M95	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	1.693	
2	MP4A	Z	0	2 2
3	MP4A	Mx	000847	2
4	MP4A	X	1.693	4
5	MP4A	Z	0	4
6	MP4A	Mx	000847	4
7	MP4B	X	4.11	2
8	MP4B	Z	0	2
9	MP4B	Mx	.001	2
10	MP4B	X	4.11	4
11	MP4B	Z	0	4
12	MP4B	Mx	.001	4
13	MP4C	X	4.916	2
14	MP4C	Z	0	2
15	MP4C	Mx	0	2
16	MP4C	X	4.916	4
17	MP4C	Z	0	4
18	MP4C	Mx	0	4
19	MP2A	X	2.608	1.5
20	MP2A	Z	0	1.5
21	MP2A	Mx	.001	1.5
22	MP2B	X	3.568	1.5
23	MP2B	Z	0	1.5
24	MP2B	Mx	000892	1.5
25	MP2C	X	3.888	1.5
26	MP2C	Z	0	1.5
27	MP2C	Mx	0	1.5
28	MP3A	X	2.358	1.5
29	МРЗА	Z	0	1.5
30	MP3A	Mx	.001	1.5
31	MP3B	X	3.505	1.5
32	MP3B	Z	0	1.5
33	MP3B	Mx	000876	1.5
34	MP3C	X	3.888	1.5
35	MP3C	Z	0	1.5
36	MP3C	Mx	0	1.5
37	MP1B	X	8.093	.5
38	MP1B	Z	0	.5
39	MP1B	Mx	.002	5
40	MP1B	X	8.093	5.5
41	MP1B	Z	0	5.5
42	MP1B	Mx	.002	5.5
43	MP1C	X	4.464	1.5
44	MP1C	Z	0	1.5



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

	Member Label	Direction	Magnitude[ib,k-ft]	Location[ft,%]
45	MP1C	Mx	0	1.5
46	MP1C	X	4.464	4.5
47	MP1C	Z	0	4.5
48	MP1C	Mx	0	4.5
49	MP1A	X	5.719	.5
50	MP1A	Z	0	.5
51	MP1A	Mx	003	.5
52	MP1A	X	5.719	5.5
53	MP1A	Z	0	5.5
54	MP1A	Mx	003	5.5
55	MP3A	X	2.972	.5
56	MP3A	Z	0	.5
57	MP3A	Mx	001	.5
58	MP3A	X	2.972	5.5
59	MP3A	Z	0	5.5
60	MP3A	Mx	001	5.5
61	MP3B	X	5.925	.5
62	MP3B	Z	0	.5
63	MP3B	Mx	002	.5
64	MP3B	X	5.925	5.5
65	MP3B	Z	0	5.5
66	MP3B	Mx	002	5.5
67	MP3C	X	6.91	.5
68	MP3C	Z	0	.5
69	MP3C	Mx	.004	.5
70	MP3C	X	6.91	5.5
71	MP3C	Z	0	5.5
72	MP3C	Mx	.004	5.5
73	MP3A	X	2.972	.5
74	MP3A	Z	0	.5
75	MP3A	Mx	001	.5
76	MP3A	X	2.972	5.5
77	MP3A	Z	0	5.5
78	MP3A	Mx	001	5.5
79	MP3B	X	5.925	.5
80	MP3B	Z	0	.5
81	MP3B	Mx	.004	.5
82	MP3B	X	5.925	5.5
83	MP3B	Z	0	5.5
84	MP3B	Mx	.004	5.5
85	MP3C	X	6.91	.5
86	MP3C	Z	0	.5
87	MP3C	Mx	004	.5
88	MP3C	X	6.91	5.5
89	MP3C	Z	0	5.5
90	MP3C	Mx	004	5.5
91	M99	X	2.087	1
92	M99	Z	0	
93	M99	Mx	0	1
94	M97	X	6.045	
95	M97	Z	0	1
96	M97	Mx	0	
97	M95	X	6.045	1
98	M95	Z	0	1
99	M95	Mx	0	

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	2.164	
2	MP4A		1.249	2
3	MP4A	Mx	001	2
4	MP4A	X	2.164	4
5	MP4A	Z	1.249	4
6	MP4A	Mx	001	4
7 8	MP4B	X	4.257	2
9	MP4B	Z	2.458	2
10	MP4B MP4B	Mx	0	2
11	MP4B	X Z	4.257	4
12	MP4B	Mx	2.458	4
13	MP4C	X	3.56	2
14	MP4C	Z	2.055	2
15	MP4C	Mx	.001	2
16	MP4C	X	3.56	4
17	MP4C	Z	2.055	4
18	MP4C	Mx	.001	4
19	MP2A	X	2.536	1.5
20	MP2A	Z	1.464	1.5
21	MP2A	Mx	.001	1.5
22	MP2B	X	3.367	1.5
23	MP2B	Z	1.944	1.5
24	MP2B	Mx	0	1.5
25	MP2C	X	3.09	1.5
26	MP2C	Z	1.784	1.5
27	MP2C	Mx	000892	1.5
28	MP3A	X	2.373	1.5
29	MP3A	Z	1.37	1.5
30	MP3A	Mx	.001	1.5
31 32	MP3B MP3B	X	3.367	1.5
33	MP3B	Mx	1.944	1.5
34	MP3C	X	0 3.035	1.5
35	MP3C	Z	1.753	1.5 1.5
36	MP3C	Mx	000876	1.5
37	MP1B	X	7.885	.5
38	MP1B	Z	4.552	.5
39	MP1B	Mx	0	.5
40	MP1B	X	7.885	5.5
41	MP1B	Z	4.552	5.5
42	MP1B	Mx	0	5.5
43	MP1C	X	3.658	1.5
44	MP1C		2.112	1.5
45	MP1C	Mx	.001	1.5
46	MP1C	X	3.658	4.5
47	MP1C	Z	2.112	4.5
48	MP1C	Mx	.001	4.5
49	MP1A	X	5.279	.5
50	MP1A	Z	3.048	.5
51	MP1A	Mx	003	.5
52	MP1A	X	5.279	5.5
53 54	MP1A MP1A	Z	3.048	5.5
55	MP3A	Mx	003	5.5
56	MP3A	X	3.426 1.978	.5
57	MP3A	Mx	000559	.5
Ji	IVIT JA	IVIX	000009	.5



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3A	X	3.426	5.5
59	MP3A	Z	1.978	5.5
60	MP3A	Mx	000559	5.5
61	MP3B	X	5.984	.5
62	MP3B	Z	3,455	.5
63	MP3B	Mx	004	.5
64	MP3B	X	5.984	5.5
65	MP3B	Z	3.455	5.5
66	MP3B	Mx	004	5.5
67	MP3C	X	5.132	.5
68	MP3C	Z	2.963	.5
69	MP3C	Mx	.004	.5
70	MP3C	X	5.132	5.5
71	MP3C	Z	2.963	5.5
72	MP3C	Mx	.004	5.5
73	MP3A	X	3.426	.5
74	MP3A	Z	1.978	.5
75	MP3A	Mx	003	4.5
76	MP3A	X	3.426	5.5
77	MP3A	Z	1.978	5.5
78	MP3A	Mx	003	5.5
79	MP3B	X	5.984	.5
80	MP3B	Z	3.455	.5
81	MP3B	Mx	.004	.5
82	MP3B	X	5.984	5.5
83	MP3B	Z	3.455	5.5
84	MP3B	Mx	.004	5.5
85	MP3C	X	5.132	.5
86	MP3C	Z	2.963	.5
87	MP3C	Mx	002	.5
88	MP3C	X	5.132	5.5
89	MP3C	Z	2.963	5.5
90	MP3C	Mx	002	5.5
91	M99	X	1.801	4
92	M99	Z	1.04	
93	M99	Mx	0	1
94	M97	X	5.647	
95	M97	Z	3.261	1
96	M97	Mx	0	
97	M95	X	5.647	M
98	M95	Z	3.261	
99	M95	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	2.055	2
2	MP4A	Z	3.56	2
3	MP4A	Mx	001	2
4	MP4A	X	2.055	4
5	MP4A	Z	3.56	4
6	MP4A	Mx	001	4
7	MP4B	X	2.055	2
8	MP4B	Z	3.56	2
9	MP4B	Mx	001	2
10	MP4B	X	2.055	4 14
11	MP4B	Z	3.56	4

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

12 MP4B Mx 001 4 13 MP4C X 1.249 2 14 MP4C Z 2.164 2 15 MP4C Mx .001 2 16 MP4C X 1.249 4 17 MP4C Z 2.164 4 18 MP4C Mx .001 4 19 MP2A X 1.784 1.5 20 MP2A Z 3.09 1.5 21 MP2A Mx .000892 1.5 22 MP2B X 1.784 1.5 23 MP2B X 1.584 1.5 24 MP2B Mx .000892 1.5 25 MP2C X 1.464 1.5 26 MP2C X 1.464 1.5 27 MP2C Mx 001 1.5 28 MP3A X 1.753 1.5	
14 MP4C Z 2.164 2 15 MP4C Mx .001 2 16 MP4C X 1.249 4 17 MP4C Z 2.164 4 18 MP4C Mx .001 4 19 MP2A X 1.784 1.5 20 MP2A Z 3.09 1.5 21 MP2A Mx .000892 1.5 22 MP2B X 1.784 1.5 23 MP2B X 1.784 1.5 24 MP2B Mx .000892 1.5 24 MP2B Mx .000892 1.5 25 MP2C X 1.464 1.5 26 MP2C X 1.464 1.5 27 MP2C Mx 001 1.5	
15 MP4C Mx .001 2 16 MP4C X 1.249 4 17 MP4C Z 2.164 4 18 MP4C Mx .001 4 19 MP2A X 1.784 1.5 20 MP2A Z 3.09 1.5 21 MP2A Mx .000892 1.5 22 MP2B X 1.784 1.5 23 MP2B X 1.784 1.5 24 MP2B Mx .000892 1.5 24 MP2B Mx .000892 1.5 25 MP2C X 1.464 1.5 26 MP2C X 1.464 1.5 27 MP2C Mx 001 1.5	
16 MP4C X 1,249 4 17 MP4C Z 2,164 4 18 MP4C Mx .001 4 19 MP2A X 1,784 1.5 20 MP2A Z 3.09 1.5 21 MP2A Mx .000892 1.5 22 MP2B X 1.784 1.5 23 MP2B Z 3.09 1.5 24 MP2B Mx .000892 1.5 25 MP2C X 1.464 1.5 26 MP2C Z 2.536 1.5 27 MP2C Mx 001 1.5	
17 MP4C Z 2.164 4 18 MP4C Mx .001 4 19 MP2A X 1.784 1.5 20 MP2A Z 3.09 1.5 21 MP2A Mx .000892 1.5 22 MP2B X 1.784 1.5 23 MP2B Z 3.09 1.5 24 MP2B Mx .000892 1.5 25 MP2C X 1.464 1.5 26 MP2C Z 2.536 1.5 27 MP2C Mx 001 1.5	
18 MP4C Mx .001 4 19 MP2A X 1.784 1.5 20 MP2A Z 3.09 1.5 21 MP2A Mx .000892 1.5 22 MP2B X 1.784 1.5 23 MP2B Z 3.09 1.5 24 MP2B Mx .000892 1.5 25 MP2C X 1.464 1.5 26 MP2C Z 2.536 1.5 27 MP2C Mx 001 1.5	
19 MP2A X 1,784 1.5 20 MP2A Z 3.09 1.5 21 MP2A Mx .000892 1.5 22 MP2B X 1.784 1.5 23 MP2B Z 3.09 1.5 24 MP2B Mx .000892 1.5 25 MP2C X 1.464 1.5 26 MP2C Z 2.536 1.5 27 MP2C Mx 001 1.5	
20 MP2A Z 3.09 1.5 21 MP2A Mx .000892 1.5 22 MP2B X 1.784 1.5 23 MP2B Z 3.09 1.5 24 MP2B Mx .000892 1.5 25 MP2C X 1.464 1.5 26 MP2C Z 2.536 1.5 27 MP2C Mx 001 1.5	
21 MP2A Mx .000892 1.5 22 MP2B X 1.784 1.5 23 MP2B Z 3.09 1.5 24 MP2B Mx .000892 1.5 25 MP2C X 1.464 1.5 26 MP2C Z 2.536 1.5 27 MP2C Mx 001 1.5	
22 MP2B X 1.784 1.5 23 MP2B Z 3.09 1.5 24 MP2B Mx .000892 1.5 25 MP2C X 1.464 1.5 26 MP2C Z 2.536 1.5 27 MP2C Mx 001 1.5	
23 MP2B Z 3.09 1.5 24 MP2B Mx .000892 1.5 25 MP2C X 1.464 1.5 26 MP2C Z 2.536 1.5 27 MP2C Mx 001 1.5	
24 MP2B Mx .000892 1.5 25 MP2C X 1.464 1.5 26 MP2C Z 2.536 1.5 27 MP2C Mx 001 1.5	
25 MP2C X 1.464 1.5 26 MP2C Z 2.536 1.5 27 MP2C Mx 001 1.5	
26 MP2C Z 2.536 1.5 27 MP2C Mx 001 1.5	
27 MP2C Mx001 1.5	
28 MP3A X 1.753 1.5	
29 MP3A Z 3.035 1.5	
30 MP3A Mx .000876 1.5	
31 MP3B X 1.753 1.5	
32 MP3B Z 3.035 1.5	ar while
33 MP3B Mx .000876 1.5	
34 MP3C X 1.37 1.5	
35 MP3C Z 2.373 1.5	
36 MP3C Mx001 1.5	
37 MP1B X 4.047 .5	
38 MP1B Z 7.009 .5	
39 MP1B Mx002 .5	
40 MP1B X 4.047 5.5	
41 MP1B Z 7.009 5.5	
42 MP1B Mx002 5.5	
43 MP1C X 1.871 1.5	
44 MP1C Z 3.241 1.5	
45 MP1C Mx .002 1.5	
46 MP1C X 1.871 4.5	
47 MP1C Z 3.241 4.5	
48 MP1C Mx .002 4.5	
49 MP1A X 3.424 .5	
50 MP1A Z 5.93 .5	
51 MP1A Mx002 .5	
52 MP1A X 3.424 5.5	
53 MP1A Z 5.93 5.5	
54 MP1A Mx002 5.5	
55 MP3A X 2.963 .5	
56 MP3A Z 5.132 .5	DIE SIE
57 MP3A Mx .002 .5	
58 MP3A X 2.963 5.5	
59 MP3A Z 5.132 5.5	
60 MP3A Mx .002 5.5	
61 MP3B X 2.963 .5	
62 MP3B Z 5.132 .5	ENGLISHED AND
63 MP3B Mx004 .5	
64 MP3B X 2.963 5.5	
65 MP3B Z 5.132 5.5	
66 MP3B Mx004 5.5	
67 MP3C X 1.978 .5	
68 MP3C Z 3.426 .5	



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft.%]
69	MP3C	Mx	.003	.5
70	MP3C	X	1.978	5.5
71	MP3C	Z	3.426	5.5
72	MP3C	Mx	.003	5.5
73	MP3A	X	2.963	.5
74	MP3A	Z	5.132	.5
75	MP3A	Mx	004	.5
76	MP3A	X	2.963	5.5
77	MP3A	Z	5.132	5.5
78	MP3A	Mx	004	5.5
79	MP3B	X	2.963	.5
80	MP3B	Z	5.132	.5
81	MP3B	Mx	.002	.5
82	MP3B	X	2.963	5.5
83	MP3B	Z	5.132	5.5
84	MP3B	Mx	.002	5.5
85	MP3C	X	1.978	.5
86	MP3C	Z	3.426	.5
87	MP3C	Mx	.000559	.5
88	MP3C	X	1.978	5.5
89	MP3C	Z	3.426	5.5
90	MP3C	Mx	.000559	5.5
91	M99	X	1.032	1
92	M99	Z	1.788	
93	M99	Mx	0	TA CONTRACTOR OF THE CONTRACTO
94	M97	X	3.737	
95	M97	Z	6.473	1
96	M97	Mx	0	
97	M95	X	3.737	1
98	M95	Z	6.473	
99	M95	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	0	2
2	MP4A	Z	4.916	2
3	MP4A	Mx	0	2
4	MP4A	X	0	4
5	MP4A	Z	4.916	4
6	MP4A	Mx	0	4
7	MP4B	X	0	2
8	MP4B	Z	2,499	2
9	MP4B	Mx	001	2
10	MP4B	X	0	4
11	MP4B	Z	2.499	4
12	MP4B	Mx	001	4
13	MP4C	X	0	2
14	MP4C	Z	1.693	2
15	MP4C	Mx	.000847	2
16	MP4C	X	0	4
17	MP4C	Z	1.693	4
18	MP4C	Mx	.000847	4
19	MP2A	X	0	1.5
20	MP2A	Z	3.888	1.5
21	MP2A	Mx	0	1.5
22	MP2B	X	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
23	MP2B	Z	2.928	1.5
24	MP2B	Mx	.001	1.5
25	MP2C	X	0	1.5
26	MP2C	Z	2.608	1.5
27 28	MP2C	Mx	001	1.5
29	MP3A MP3A	X	0	1.5
30	MP3A	Z Mx	3.888	1.5
31	MP3B	X	0	1.5 1.5
32	MP3B	Z	2.74	1.5
33	MP3B	Mx	.001	1.5
34	MP3C	X	0	1.5
35	MP3C	Z	2.358	1.5
36	MP3C	Mx	001	1,5
37	MP1B	X	0	.5
38	MP1B	Z	6.071	.5
39	MP1B	Mx	003	.5
40	MP1B	X	0	5.5
41	MP1B	Z	6.071	5.5
42	MP1B	Mx	003	5.5
43	MP1C	X	0	1.5
44	MP1C	Z	3.502	1.5
45	MP1C	Mx	.002	1.5
46	MP1C	X	0	4.5
47	MP1C	Z	3.502	4.5
48	MP1C	Mx	.002	4.5
49	MP1A	X	0	.5
50	MP1A	Z	7.223	.5
51 52	MP1A MP1A	Mx X	0	.5
53	MP1A	Z	7.223	5.5
54	MP1A	Mx	0	5.5 5.5
55	MP3A	X	0	.5
56	MP3A	Z	6.91	.5
57	MP3A	Mx	.004	.5
58	MP3A	X	0	5.5
59	MP3A	Ž	6.91	5.5
60	MP3A	Mx	.004	5.5
61	MP3B	X	0	.5
62	MP3B	Z	3.957	.5
63	MP3B	Mx	003	.5
64	MP3B	X	0	5.5
65	MP3B	Z	3.957	5.5
66	MP3B	Mx	003	5.5
67	MP3C	X	0	.5
68	MP3C	Z	2.972	.5
69	MP3C	Mx	.001	.5
70	MP3C	X	0	5.5
71 72	MP3C	Z	2.972	5.5
	MP3C	Mx	.001	5.5
73 74	MP3A MP3A	X	0	.5 .5
75	MP3A	Mx	6.91	.5
76	MP3A	X	004 0	.5
77	MP3A	Z	6.91	5.5 5.5
78	MP3A	Mx	004	5.5 5.5
79	MP3B	X	-:004 0	.5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
80	MP3B	Z	3.957	.5
81	MP3B	Mx	000559	.5
82	MP3B	X	0	5.5
83	MP3B	Z	3.957	5.5
84	MP3B	Mx	000559	5.5
85	MP3C	X	0	.5
86	MP3C	Z	2.972	.5
87	MP3C	Mx	.001	.5
88	MP3C	X	0	5.5
89	MP3C	Z	2.972	5.5
90	MP3C	Mx	.001	5.5
91	M99	X	0	1
92	M99	Z	2.057	
93	M99	Mx	0	1
94	M97	X	0	1
95	M97	Z	7.951	1
96	M97	Mx	0	
97	M95	X	0	1
98	M95	Z	7.951	
99	M95	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	-2.055	2
2	MP4A	Z	3.56	2
3	MP4A	Mx	.001	2
4	MP4A	X	-2.055	4
5	MP4A	Z	3.56	4
6	MP4A	Mx	.001	4
7	MP4B	X	846	2
8	MP4B	. Z	1.466	2
9	MP4B	Mx	000846	2
10	MP4B	X	846	4
11	MP4B	Z	1.466	4
12	MP4B	Mx	000846	4
13	MP4C	X	-1.249	2
14	MP4C	Z	2.164	2
15	MP4C	Mx	.001	2
16	MP4C	X	-1.249	4
17	MP4C	Z	2.164	4
18	MP4C	Mx	.001	4
19	MP2A	X	-1.784	1.5
20	MP2A	Z	3.09	1.5
21	MP2A	Mx	000892	1.5
22	MP2B	X	-1.304	1.5
23	MP2B	Z	2.259	1.5
24	MP2B	Mx	.001	1.5
25	MP2C	X	-1.464	1.5
26	MP2C	Z	2.536	1.5
27	MP2C	Mx	001	1.5
28	MP3A	X	-1.753	1.5
29	MP3A	Z	3.035	1.5
30	MP3A	Mx	000876	1.5
31	MP3B	X	-1.179	1.5
32	MP3B	Z	2.042	1.5
33	MP3B	Mx	.001	1.5

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

.,	Member Label	Direction	Wm (210 Deg)) (Continued Magnitude[lb,k-ft]	Location[ft,%]
34	MP3C	X	-1.37	1.5
35	MP3C	X	2.373	1.5
36	MP3C	Mx	001	1,5
37	MP1B	X	-2.53	.5
38	MP1B	Z	4.382	.5
39	MP1B	Mx	003	.5
40	MP1B	X	-2.53	5.5
41	MP1B	Z	4.382	5.5
42	MP1B	Mx	003	5.5
43	MP1C	X	-1.871	1.5
44	MP1C	Z	3.241	1.5
45	MP1C	Mx	.002	1.5
46	MP1C	X	-1.871	4.5
47	MP1C	Z	3.241	4.5
48	MP1C	Mx	.002	4.5
49	MP1A	X	-3.424	.5
50	MP1A	Z	5.93	.5
51	MP1A	Mx	.002	.5
52	MP1A	X	-3.424	5.5
53	MP1A	Z	5.93	5.5
54	MP1A	Mx	.002	5.5
55	MP3A	X	-2.963	.5
56	MP3A	Z	5.132	.5
57	MP3A	Mx	.004	.5
58	MP3A	X	-2.963	5.5
59	MP3A	Z	5.132	5.5
60	MP3A	Mx	.004	5.5
61	MP3B	X	-1.486	.5
62	MP3B	Z	2.574	.5
63	MP3B	Mx	001	.5
64	MP3B	X	-1.486	5.5
65	MP3B	Z	2.574	5.5
66	MP3B	Mx	001	5.5
67	MP3C	X	-1.978	.5
68	MP3C	Z	3.426	.5
69	MP3C	Mx	.000559	.5
70	MP3C	X	-1.978	5.5
71	MP3C	Z	3.426	5.5
72	MP3C	Mx	.000559	5.5
73 74	MP3A	X	-2.963	.5
75	MP3A	Z	5.132	.5
76	MP3A MP3A	Mx	002	.5
77	MP3A	X	-2.963	5.5
78	MP3A		5.132	5.5
79	MP3B	Mx X	002	5.5
80	MP3B	Z	-1.486	.5
81	MP3B		2.574 001	.5
82	MP3B	Mx X	-1.486	.5
83	MP3B	Z	2.574	5.5
84	MP3B	Mx	001	5.5
85	MP3C	X	-1.978	5.5
86	MP3C	Z	3.426	.5 .5
87	MP3C	Mx	.003	.5 .5
88	MP3C	X	-1.978	5.5
89	MP3C	Z	3.426	5.5
90	MP3C	Mx	.003	5.5
	WI 30	IVIA	.003	ე.ე



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
91	M99	X	-1.032	
92	M99	Z	1.788	
93	M99	Mx	0	1
94	M97	X	-3.737	The second secon
95	M97	Z	6.473	1
96	M97	Mx	0	1
97	M95	X	-3.737	1
98	M95	Z	6.473	
99	M95	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft.%]
1	MP4A	X	-2.164	2
2	MP4A	Z	1.249	2
3	MP4A	Mx	.001	2
4	MP4A	X	-2.164	4
5	MP4A	Z	1.249	4
6	MP4A	Mx	.001	4
7	MP4B	X	-2.164	2
8	MP4B	Z	1.249	2
9	MP4B	Mx	001	2
10	MP4B	X	-2.164	4
11	MP4B	Z	1.249	4
12	MP4B	Mx	001	4
13	MP4C	X	-3.56	2
14	MP4C	Z	2.055	2
15	MP4C	Mx	.001	2
16	MP4C	X	-3.56	4
17	MP4C	Z	2.055	4
18	MP4C	Mx	.001	4
19	MP2A	X	-2.536	1.5
20	MP2A	Z	1.464	1.5
21	MP2A	Mx	001	1.5
22	MP2B	X	-2.536	1.5
23	MP2B	Z	1.464	1.5
24	MP2B	Mx	.001	1.5
25	MP2C	X	-3.09	1.5
26	MP2C	Z	1.784	1.5
27	MP2C	Mx	000892	1.5
28	MP3A	X	-2.373	1.5
29	MP3A	Z	1.37	1.5
30	MP3A	Mx	001	1.5
31	MP3B	X	-2.373	1.5
32	MP3B	Z	1.37	1.5
33	MP3B	Mx	.001	1.5
34	MP3C	X	-3.035	1.5
35	MP3C	Z	1.753	1.5
36	MP3C	Mx	000876	1.5
37	MP1B	X	-5.258	5
38	MP1B	Z	3.036	.5
39	MP1B	Mx	003	.5
40	MP1B	X	-5.258	5.5
41	MP1B	Z	3.036	5.5
42	MP1B	Mx	003	5.5
43	MP1C	X	-3.658	1.5
44	MP1C	Z	2.112	1.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
45	MP1C	Mx	.001	1.5
46	MP1C	X	-3.658	4.5
47	MP1C	Z	2.112	4.5
48	MP1C	Mx	.001	4.5
49	MP1A	X	-5.279	.5
50	MP1A	Z	3.048	.5
51	MP1A	Mx	.003	.5
52	MP1A	X	-5.279	5.5
53	MP1A	Z	3.048	5.5
54	MP1A	Mx	.003	5.5
55	MP3A	X	-3.426	.5
56	MP3A	Z	1.978	5
57	MP3A	Mx	.003	.5
58	MP3A	X	-3.426	5.5
59	MP3A	Z	1.978	5.5
60	MP3A	Mx	.003	5.5
61	MP3B	X	-3.426	.5
62	MP3B	Z	1.978	.5
63	MP3B	Mx	000559	.5
64	MP3B	X	-3.426	5.5
65	MP3B	Z	1.978	5.5
66	MP3B	Mx	000559	5.5
67	MP3C	X	-5.132	.5
68	MP3C	Z	2.963	.5
69	MP3C	Mx	002	.5
70	MP3C	X	-5.132	5.5
71	MP3C	Z	2.963	5.5
72	MP3C	Mx	002	5.5
73	MP3A	X	-3.426	.5
74	MP3A	Z	1.978	.5
75	MP3A	Mx	.000559	.5
76	MP3A	X	-3.426	5.5
77	MP3A	Z	1.978	5.5
78	MP3A	Mx	.000559	5.5
79	MP3B	X	-3.426	.5
80	MP3B	Z	1.978	.5
81	MP3B	Mx	003	.5
82	MP3B	X	-3.426	5.5
83	MP3B	Z	1.978	5.5
84	MP3B	Mx	003	5.5
85	MP3C	X	-5.132	.5
86	MP3C	Z	2.963	.5
87	MP3C	Mx	.004	.5
88	MP3C	X	-5.132	5.5
89	MP3C	Z	2.963	5.5
90	MP3C	Mx	.004	5.5
91	M99	X	-1.801	11
92	M99	Z	1.04	14 14 14 14 14 14 14 14 14 14 14 14 14 1
93	M99	Mx	00	1
94	M97	X	-5.647	
95	M97	Z	3.261	1
96	M97	Mx	0	
97	M95	X	-5.647	
98	M95	Z	3.261	
99	M95	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	-1.693 0	2
2	MP4A		.000847	2
3	MP4A	Mx	-1.693	4
4	MP4A	X Z	0	4
5	MP4A	Mx	.000847	4
6	MP4A		-4.11	2
7	MP4B	X	0	2
8	MP4B	Mx	001	2
9	MP4B		-4.11	4
10	MP4B	Z	0	4
11 12	MP4B MP4B	Mx	001	4
	MP4B MP4C	X	-4.916	2
13	MP4C MP4C	Z	0	2
14	MP4C MP4C	Mx	0	2
15 16	MP4C	X	-4.916	4
	MP4C	Z	0	4
17	MP4C MP4C	Mx	0	4
19	MP2A	X	-2.608	1.5
20	MP2A	Ž	0	1.5
21	MP2A	Mx	001	1.5
22	MP2B	X	-3.568	1.5
23	MP2B	Z	0	1.5
24	MP2B	Mx	.000892	1.5
25	MP2C	X	-3.888	1.5
26	MP2C	Ž	0	1.5
27	MP2C	Mx	0	1.5
28	MP3A	X	-2.358	1.5
29	MP3A	Z	0	1.5
30	MP3A	Mx	001	1.5
31	MP3B	X	-3.505	1.5
32	MP3B	Z	0	1.5
33	MP3B	Mx	.000876	1.5
34	MP3C	X	-3.888	1.5
35	MP3C	Z	0	1.5
36	MP3C	Mx	0	1.5
37	MP1B	X	-8.093	.5
38	MP1B	Z	0	.5
39	MP1B	Mx	002	.5
40	MP1B	X	-8.093	5.5
41	MP1B	Z	0	5.5
42	MP1B	Mx	002	5.5
43	MP1C	X	-4.464	1.5
44	MP1C	Z	A DECEMBER ON THE PROPERTY OF	1.5
45	MP1C	Mx	0	1.5
46	MP1C	X	-4.464	4.5
47	MP1C	Z	0	4.5
48	MP1C	Mx	0	4.5
49	MP1A	X	-5.719	.5
50	MP1A	Z	0	.5
51	MP1A	Mx	.003	.5
52	MP1A	X	-5.719	5.5
53	MP1A	Z	0	5.5
54	MP1A	Mx	.003	5.5
55	MP3A	X	-2.972	.5
56	MP3A	Z	0	.5
57	MP3A	Mx	.001	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3A	X	-2.972	5.5
59	MP3A	Z	0	5.5
60	MP3A	Mx	.001	5.5
61	MP3B	X	-5.925	.5
62	MP3B	Z	0	.5
63	MP3B	Mx	.002	.5
64	MP3B	X	-5.925	5.5
65	MP3B	Z	0	5.5
66	MP3B	Mx	.002	5.5
67	MP3C	X	-6.91	.5
68	MP3C	Z	0	.5
69	MP3C	Mx	004	.5
70	MP3C	X	-6.91	5.5
71	MP3C	Z	0	5.5
72	MP3C	Mx	004	5.5
73	MP3A	X	-2.972	.5
74	MP3A	Z	0	.5
75	MP3A	Mx	.001	.5
76	MP3A	X	-2.972	5.5
77	MP3A	Z	0	5.5
78	MP3A	Mx	.001	5.5
79	MP3B	X	-5.925	.5
80	MP3B	Z	0	.5
81	MP3B	Mx	004	.5
82	MP3B	X	-5.925	5.5
83	MP3B	Z	0	5.5
84	MP3B	Mx	004	5.5
85	MP3C	X	-6.91	.5
86	MP3C	Z	0	.5
87	MP3C	Mx	.004	.5
88	MP3C	X	-6.91	5.5
89	MP3C	Z	0	5.5
90	MP3C	Mx	.004	5.5
91	M99	X	-2.087	1
92	M99	Z	0	
93	M99	Mx	0	1
94	M97	X	-6.045	
95	M97	Z	0	1
96	M97	Mx	0	
97	M95	X	-6.045	1
98	M95	Z	0	
99	M95	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	-2.164	2
2	MP4A	Z	-1.249	2
3	MP4A	Mx	.001	2
4	MP4A	X	-2.164	4
5	MP4A	Z	-1.249	4
6	MP4A	Mx	.001	4
7	MP4B	X	-4.257	2
8	MP4B	Z	-2.458	2
9	MP4B	Mx	0	2
10	MP4B	X	-4.257	4
11	MP4B	Z	-2.458	4

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

			Wm (300 Deg)) (Continued Magnitude[lb,k-ft]	Location[ft,%]
40	Member Label	Direction	0	4
12	MP4B	Mx	-3.56	2
13	MP4C	X		2
14	MP4C	Z	-2.055	2
15	MP4C	Mx	001	4
16	MP4C	X	-3.56	
17	MP4C	Z	-2.055	4
18	MP4C	Mx	001	4
19	MP2A	X	-2.536	1.5
20	MP2A	Z	-1.464	1.5
21	MP2A	Mx	001	1.5
22	MP2B	X	-3.367	1.5
23	MP2B	Z	-1.944	1.5
24	MP2B	Mx	0	1.5
25	MP2C	X	-3.09	1.5
26	MP2C	Z	-1.784	1.5
27	MP2C	Mx	.000892	1.5
28	MP3A	X	-2.373	1.5
29	MP3A	Z	-1.37	1.5
30	MP3A	Mx	001	1.5
31	MP3B		-3.367	1.5
32	MP3B	X Z	-1.944	1.5
		Mx	0	1.5
33	MP3B MP3C	X	-3.035	1.5
34		Z	-1.753	1.5
35	MP3C	Mx	.000876	1.5
36	MP3C			.5
37	MP1B	X	-7.885	.5
38	MP1B	Z	-4.552	
39	MP1B	Mx	0	.5 5.5
40	MP1B	X	-7.885	
41	MP1B	Z	-4.552	5.5
42	MP1B	Mx	0	5.5
43	MP1C	X	-3.658	1.5
44	MP1C	Z	-2.112	1.5
45	MP1C	Mx	-,001	1.5
46	MP1C	X	-3.658	4.5
47	MP1C	Z	-2.112	4.5
48	MP1C	Mx	001	4.5
49	MP1A	X	-5.279	.5
50	MP1A	Z	-3.048	.5
51	MP1A	Mx	.003	5
52	MP1A	X	-5.279	5.5
53	MP1A	Z	-3.048	5.5
54	MP1A	Mx	.003	5.5
55	MP3A	X	-3.426	.5
56	MP3A	Z	-1.978	.5
57	MP3A	Mx	.000559	.5
58	MP3A	X	-3.426	5.5
50	MP3A	Z	-1.978	5.5
59		Mx	.000559	5.5
60	MP3A	IVIX	-5.984	.5
61	MP3B	X	-3.455	.5
62	MP3B		.004	.5
63	MP3B	Mx		5.5
64	MP3B	X	-5.984	
65	MP3B	Z	-3.455	5.5
66	MP3B	Mx	.004	5.5
67	MP3C	X	-5.132	.5
68	MP3C	2	-2.963	.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
69	MP3C	Mx	004	.5
70	MP3C	X	-5.132	5.5
71	MP3C	Z	-2.963	5.5
72	MP3C	Mx	004	5.5
73	MP3A	X	-3.426	.5
74	MP3A	Z	-1.978	.5
75	MP3A	Mx	.003	.5
76	MP3A	X	-3.426	5.5
77	MP3A	Z	-1.978	5.5
78	MP3A	Mx	.003	5.5
79	MP3B	X	-5.984	.5
80	MP3B	Z	-3.455	.5
81	MP3B	Mx	004	.5
82	MP3B	X	-5.984	5.5
83	MP3B	Z	-3.455	5.5
84	MP3B	Mx	004	5.5
85	MP3C	X	-5.132	.5
86	MP3C	Z	-2.963	.5
87	MP3C	Mx	.002	.5
88	MP3C	X	-5.132	5.5
89	MP3C	Z	-2.963	5.5
90	MP3C	Mx	.002	5.5
91	M99	X	-1.801	1
92	M99	Z	-1.04	
93	M99	Mx	0	1
94	M97	X	-5.647	
95	M97	Z	-3.261	1
96	M97	Mx	0	
97	M95	X	-5.647	1
98	M95	Z	-3.261	
99	M95	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	-2.055	2
2	MP4A	Z	-3.56	2
3	MP4A	Mx	.001	2
4	MP4A	X	-2.055	4
5	MP4A	Z	-3.56	4
6	MP4A	Mx	.001	4
7	MP4B	X	-2.055	2
8	MP4B	Z	-3.56	2
9	MP4B	Mx	.001	2
10	MP4B	X	-2.055	4
11	MP4B	Z	-3.56	4
12	MP4B	Mx	.001	4
13	MP4C	X	-1.249	2
14	MP4C	Z	-2.164	2
15	MP4C	Mx	001	2
16	MP4C	X	-1,249	4
17	MP4C	Z	-2.164	4
18	MP4C	Mx	001	4
19	MP2A	X	-1.784	1.5
20	MP2A	7	-3.09	1.5
21	MP2A	Mx	000892	1.5
22	MP2B	X	-1.784	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
23	MP2B	Z	-3.09	1.5
24	MP2B	Mx	000892	1.5
25	MP2C		-1.464	1.5
26	MP2C	X Z	-2.536	1.5
27	MP2C	Mx	.001	1.5
28	MP3A	X	-1.753	1.5
29	MP3A	Z	-3.035	1.5
30	MP3A	Mx	000876	1.5
31	MP3B	X	-1.753	1.5
32	MP3B	Z	-3.035	1.5
33	MP3B	Mx	000876	1.5
34	MP3C	X	-1.37	1.5
35	MP3C	Z	-2.373	1.5
36	MP3C	Mx	.001	1.5
37	MP1B	X	-4.047	.5
38	MP1B	Z	-7.009	.5
39	MP1B	Mx	.002	.5
40	MP1B	X	-4.047	5.5
41	MP1B	Z	-7.009	5.5
42	MP1B	Mx	.002	5.5
43	MP1C	X	-1.871	1.5
44	MP1C	Z	-3.241	1.5
45	MP1C	Mx	002	1.5
46	MP1C	X	-1.871	4.5
47	MP1C	Z	-3.241	4.5
48	MP1C	Mx	002	4.5
49	MP1A	X	-3.424	.5
50	MP1A	Z	-5.93	.5
51	MP1A	Mx	.002	.5
52	MP1A	X	-3.424	5.5
53	MP1A	Z	-5.93	5.5
54	MP1A	Mx	.002	5.5
55	MP3A	X	-2.963	.5
56	MP3A	Z	-5.132	.5
57	MP3A	Mx	002	.5
58	MP3A	X	-2.963	5.5
59	MP3A	Z	-5.132	5.5
60	MP3A	Mx	002	5.5
61	MP3B	X	-2.963	.5
62	MP3B	Z	-5.132	.5
63	MP3B	Mx	.004	.5
64	MP3B	X	-2.963	5.5
65	MP3B	Z	-5.132	5.5
66	MP3B	Mx	.004	5.5
67	MP3C	X	-1.978	.5
68	MP3C	Ž	-3.426	.5
69	MP3C	Mx	003	.5
70	MP3C	X	-1.978	5.5
71	MP3C	Z	-3.426	5.5
72	MP3C	Mx	003	5.5
73	MP3A	X	-2.963	.5
74	MP3A	Z	-5.132	.5
75	MP3A	Mx	.004	.5
76	MP3A	X	-2.963	5.5
77	MP3A	Z	-5.132	5.5
78	MP3A	Mx	.004	5.5
79	MP3B	X	-2.963	.5



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
80	MP3B	Z	-5.132	.5
81	MP3B	Mx	002	.5
82	MP3B	X	-2.963	5.5
83	MP3B	Z	-5.132	5.5
84	MP3B	Mx	002	5.5
85	MP3C	X	-1.978	.5
86	MP3C	Z	-3.426	.5
87	MP3C	Mx	000559	.5
88	MP3C	X	-1.978	5.5
89	MP3C	Z	-3.426	5.5
90	MP3C	Mx	000559	5.5
91	M99	X	-1.032	1
92	M99	Z	-1.788	
93	M99	Mx	0	1
94	M97	X	-3.737	
95	M97	Z	-6.473	1
96	M97	Mx	0	
97	M95	X	-3.737	1
98	M95	Z	-6.473	
99	M95	Mx	0	1

Member Point Loads (BLC 77 : Lm1)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]	
1	M1	Y	-500	%47	

Member Point Loads (BLC 78 : Lm2)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	M1	Υ	-500	%20

Member Point Loads (BLC 79 : Lv1)

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

Member Point Loads (BLC 80 : Lv2)

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

Member Point Loads (BLC 81 : Antenna Ev)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	Y	-1.682	2
2	MP4A	My	000841	2
3	MP4A	Mz	0	2
4	MP4A	Y	-1.682	4
5	MP4A	My	000841	4
6	MP4A	Mz	0	4
7	MP4B	Y	-1.682	2
8	MP4B	My	.00042	2
9	MP4B	Mz	000728	2
10	MP4B	Y	-1.682	4
11	MP4B	Mv	.00042	4
12	MP4B	Mz	000728	4
13	MP4C	Y	-1.682	2
14	MP4C	My	0	2
15	MP4C	Mz	.000841	2

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

×	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
16	MP4C	Υ	-1.682	4
17	MP4C	My	0	4
18	MP4C	Mz	.000841	4
19	MP2A	Y	-2.884	1.5
20	MP2A	My	.001	1.5
21	MP2A	Mz	0	1.5
22	MP2B	Y	-2.884	1.5
23	MP2B	My	000721	1.5
24	MP2B	Mz	.001	1.5
25	MP2C	Y	-2.884	1.5
26	MP2C	My	0	1.5
27	MP2C	Mz	001	1.5
28	MP3A	Y	-2.715	1.5
29	MP3A	My	.001	1.5
30	MP3A	Mz	0	1.5
31	MP3B	Y	-2.715	1.5
32	MP3B	My	000679	1.5
33	MP3B	Mz	.001	1.5
34	MP3C	Y	-2.715	1.5
35	MP3C	My	0	1.5
36	MP3C	Mz	001	1.5
37	MP1B	Y	371	.5
38	MP1B	My	9.3e-5	.5
39	MP1B	Mz	000161	.5
40	MP1B	Y	371	5.5
41	MP1B	My	9.3e-5	5.5
42	MP1B	Mz	000161	5.5
	MP1C	Y	232	1.5
43		My	0	1.5
44	MP1C	Mz	.000116	1.5
45	MP1C	Y	232	4.5
46	MP1C		0	4.5
47	MP1C	My Mz	.000116	4.5
48	MP1C	Y	348	.5
49	MP1A		000174	.5
50	MP1A	My	000174	.5
51	MP1A	Mz Y	348	5.5
52	MP1A		000174	5.5
53	MP1A	My	-:000174	5.5
54	MP1A	Mz Y	772	.5
55	MP3A			.5
56	MP3A	My	000386 .00045	.5
57	MP3A	Mz Y	-,772	5.5
58	MP3A		000386	5.5
59	MP3A	My		5.5
60	MP3A	Mz	.00045	.5
61	MP3B	Y	772	.5
62	MP3B	My	000197	.5 .5
63	MP3B	Mz	00056	5.5
64	MP3B	Y	772	
65	MP3B	My	000197	5.5 5.5
66	MP3B	Mz	00056	
67	MP3C	Y	772	.5
68	MP3C	My	.00045	.5
69	MP3C	Mz	.000386	.5
70	MP3C	Y	772	5.5
71	MP3C	My	.00045	5.5
72	MP3C	Mz	.000386	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
73	MP3A	Υ	-,772	.5
74	MP3A	My	000386	5
75	MP3A	Mz	00045	.5
76	MP3A	Υ	772	5.5
77	MP3A	My	000386	5.5
78	MP3A	Mz	00045	5.5
79	MP3B	Y	772	.5
80	MP3B	My	.000583	.5
81	MP3B	Mz	000109	.5
82	MP3B	Y	772	5.5
83	MP3B	My	.000583	5.5
84	MP3B	Mz	000109	5.5
85	MP3C	Υ	772	.5
86	MP3C	My	00045	.5
87	MP3C	Mz	.000386	.5
88	MP3C	Y	772	5.5
89	MP3C	My	00045	5.5
90	MP3C	Mz	.000386	5.5
91	M99	Y	853	1
92	M99	My	0	1
93	M99	Mz	0	1
94	M97	Y	-1.236	
95	M97	My	0	1
96	M97	Mz	0	
97	M95	Y	-1.236	1
98	M95	My	0	12-1-1-1-1
99	M95	Mz	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	Z	-4.204	2
2	MP4A	Mx	0	2
3	MP4A	Z	-4.204	4
4	MP4A	Mx	0	4
5	MP4B	Z	-4.204	2
6	MP4B	Mx	.002	2
7	MP4B	Z	-4.204	4
8	MP4B	Mx	.002	4
9	MP4C	Z	-4.204	2
10	MP4C	Mx	002	2
11	MP4C	Z	-4.204	4
12	MP4C	Mx	002	4
13	MP2A	Z	-7.211	1.5
14	MP2A	Mx	0	1.5
15	MP2B	Z	-7.211	1.5
16	MP2B	Mx	003	1.5
17	MP2C	Z	-7.211	1.5
18	MP2C	Mx	.004	1.5
19	MP3A	Z	-6.786	1.5
20	MP3A	Mx	0	1.5
21	MP3B	Z	-6.786	1.5
22	MP3B	Mx	003	1.5
23	MP3C	Z	-6.786	1.5
24	MP3C	Mx	.003	1.5
25	MP1B	Z	927	.5
26	MP1B	Mx	.000401	.5



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
27	MP1B	Z	927	5.5
28	MP1B	Mx	.000401	5.5
29	MP1C	Z	579	1.5
30	MP1C	Mx	00029	1.5
31	MP1C	Z	579	4.5
32	MP1C	Mx	00029	4.5
33	MP1A	Z	869	.5
34	MP1A	Mx	0	.5
35	MP1A	Z	869	5.5
36	MP1A	Mx	0	5.5
37	MP3A	Z	-1.931	.5
38	MP3A	Mx	001	.5
39	MP3A	Z	-1.931	5.5
40	MP3A	Mx	001	5.5
41	MP3B	Z	-1.931	.5
42	MP3B	Mx	.001	.5
43	MP3B	Z	-1.931	5.5
44	MP3B	Mx	.001	5.5
45	MP3C	Z	-1.931	.5
46	MP3C	Mx	000965	.5
47	MP3C	Z	-1.931	5.5
48	MP3C	Mx	000965	5.5
49	MP3A	Z	-1.931	.5
50	MP3A	Mx	.001	.5
51	MP3A	Z	-1.931	5.5
52	MP3A	Mx	.001	5.5
53	MP3B	Z	-1.931	.5
54	MP3B	Mx	.000273	.5
55	MP3B	Z	-1.931	5.5
56	MP3B	Mx	.000273	5.5
57	MP3C	Z	-1.931	.5
58	MP3C	Mx	000965	.5
59	MP3C	Z	-1.931	5.5
60	MP3C	Mx	000965	5.5
61	M99	Z	-2.133	1
62	M99	Mx	0	
63	M97	Z	-3.089	1
64	M97	Mx	0	No. of the second second
65	M95	Z	-3.089	1
66	M95	Mx	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP4A	X	4.204	2
2	MP4A	Mx	002	2
3	MP4A	X	4.204	4
4	MP4A	Mx	002	4
5	MP4B	X	4.204	2
6	MP4B	Mx	.001	2
7	MP4B	X	4.204	4
8	MP4B	Mx	.001	4
9	MP4C	X	4.204	2
10	MP4C	Mx	0	2
11	MP4C	X	4.204	4
12	MP4C	Mx	0	4
13	MP2A	X	7.211	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
14	MP2A	Mx	.004	1.5
15	MP2B	X	7.211	1.5
16	MP2B	Mx	002	1.5
17	MP2C	X	7.211	1.5
18	MP2C	Mx	0	1.5
19	MP3A	X	6.786	1.5
20	MP3A	Mx	.003	1.5
21	MP3B	X	6.786	1.5
22	MP3B	Mx	002	1.5
23	MP3C	X	6.786	1.5
24	MP3C	Mx	0	1.5
25	MP1B	X	.927	.5
26	MP1B	Mx	.000232	.5
27	MP1B	X	.927	5.5
28	MP1B	Mx	.000232	5.5
29	MP1C	X	.579	1.5
30	MP1C	Mx	0	1.5
31	MP1C	X	.579	4.5
32	MP1C	Mx	0	4.5
33	MP1A	X	.869	.5
34	MP1A	Mx	000434	.5
35	MP1A	X	.869	5.5
36	MP1A	Mx	000434	5.5
37	MP3A	X	1.931	.5
38	MP3A	Mx	000965	.5
39	MP3A	X	1.931	5.5
40	MP3A	Mx	000965	5.5
41	MP3B	X	1.931	.5
42	MP3B	Mx	000493	.5
43	MP3B	X	1.931	5.5
44	MP3B	Mx	000493	5.5
45	MP3C	X	1.931	.5
46	MP3C	Mx	.001	.5
47	MP3C	X	1.931	5.5
48	MP3C	Mx	.001	5.5
49	MP3A	X	1.931	
50	MP3A	Mx	000965	.5
51	MP3A	X	1.931	.5
52	MP3A	Mx	000965	5.5
53	MP3B	X	1.931	5.5
54	MP3B	Mx	.001	.5
55	MP3B	X		.5
56	MP3B		1.931	5.5
57	MP3C	Mx X	.001	5.5
58	MP3C		1.931	.5
59	MP3C MP3C	Mx	001	,5
60	MP3C	X	1.931	5.5
		Mx	001	5.5
61	M99	X	2.133	1
62	M99	Mx	0	
63	M97	X	3.089	1
64	M97	Mx	0	
65	M95	X	3.089	1
66	M95	Mx	0	



Joint Loads and Enforced Displacements

Joint Label	L,D,M	Direction	Magnitude[(lb,k-ft), (in,rad), (lb*s^2/ft, lb*s^2*ft)]
		No Data to	Print

Member Distributed Loads (BLC 40 : Structure Di)

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f.	
1	M1	Y	-12.194	-12.194	00	%100
2	M2	Y	-12.194	-12.194	0	%100
3	M3	Y	-12.194	-12.194	0	%100
4	M4	Y	-12.194	-12.194	0	%100
5	M5	Y	- 15.104	-15.104	0	%100
6	M8	Y	-16.559	-16.559	0	%100
7	M9	Y	-12.194	-12.194	0	%100
8	M10	Y	-12.194	-12.194	0	%100
9	M11	Y	-12.194	-12.194	0	%100
10	M12	Y	-12.194	-12.194	0	%100
11	M13	Y	-15.104	-15.104	0	%100
12	M16	Y	-16.559	-16.559	0	%100
13	M17	Y	-12.194	-12.194	0	%100
14	M18	Y	-12.194	-12.194	0	%100
15	M19	Y	-12.194	-12.194	0	%100
16	M20	Y	-12.194	-12.194	0	%100
17	M21	Y	-15.104	-15.104	0	%100
18	M24	Y	-16.559	-16.559	0	%100
19	MP1A	Y	-8.351	-8.351	0	%100
20	MP2A	Y	-8.351	-8.351	0	%100
21	MP3A	Y	-8.351	-8.351	0	%100
22	MP4A	Y	-8.351	-8.351	0	%100
23	MP1C	Ý	-8.351	-8.351	0	%100
24	MP2C	Ÿ	-8.351	-8.351	0	%100
25	MP3CA	Y	-8.351	-8.351	0	%100
26	MP4CA	Y	-8.351	-8.351	0	%100
27	MP1B	Ÿ	-8.351	-8.351	0	%100
28	MP2B	Ý	-8.351	-8.351	0	%100
29	MP3B	Y	-8.351	-8.351	0	%100
30	MP4B	Ý	-8.351	-8.351	0	%100
31	MP3C	Ý	-8.351	-8.351	0	%100
32	M61	Y	-9.38	-9.38	0	%100
33	M66	Ÿ	-9.38	-9.38	0	%100
34	M71	Y	-9.38	-9.38	0	%100
35	M82	Ý	-12.194	-12.194	0	%100
36	M83	Y	-12.194	-12.194	0	%100
37	M84	Y	-12.194	-12.194	0	%100
38	M86	Y	-17.353	-17.353	Ö	%100
39	M88	Y	-17.353	-17.353	0	%100
40	M90	Y	-17.353	-17.353	Ŏ	%100
41	MP4C	Y	-8.351	-8.351	0	%100
42	M95	Y	-8.351	-8.351	Ö	%100
42	M97	Y	-8.351	-8.351	0	%100
43	M99	Y	-8.351	-8.351	0	%100
	MAA		-0.001	0.001		70.00

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f.	.End Location[ft
1	M1	X	0	0	0	%100
2	M1	7	-20.065	-20.065	0	%100
3	M2	X	0	0	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f.	.End Location[ft.
4	M2	Z	-12.662	-12.662	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	-20.065	-20.065	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	-12.662	-12.662	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	0	0	0	%100
11	M8	X	0	0	0	%100
12	M8	Z	0	0	0	%100
13	M9	X	0	0	0	%100
14	M9	Z	-5.016	-5.016	0	%100
15	M10	X	0	0	0	%100
16	M10	Z	-5.2e-5	-5.2e-5	0	%100
17	M11	X	0	0	0	%100
18	M11	Z	-5.016	-5.016	0	%100
19	M12	X	0	0	0	%100
20	M12	Z	-12.61	-12.61	0	%100
21	M13	X	0	0	0	%100
22	M13	Z	-8.576	-8.576	0	%100
23	M16	X	0	0	0	%100
24	M16	Z	-11.154	-11.154	Ö	%100
25	M17	X	0	0	0	%100
26	M17	Z	-5.016	-5.016	0	%100
27	M18	X	0	0	0	%100
28	M18	Z	-12.61	-12.61	Ŏ	%100
29	M19	X	0	0	0	%100
30	M19	Z	-5.016	-5.016	o o	%100
31	M20	X	0	0	0	%100
32	M20	Z	-5.2e-5	-5.2e-5	Ö	%100
33	M21	X	0	0	Ö	%100
34	M21	Z	-8.576	-8.576	Ö	%100
35	M24	X	0	0	0	%100
36	M24	Z	-11.154	-11.154	Ö	%100
37	MP1A	X	0	0	0	%100
38	MP1A	Z	-9.531	-9.531	Ö	%100
39	MP2A	X	0	0	Ö	%100
40	MP2A	Z	-9.531	-9.531	Ŏ	%100
41	MP3A	X	0	0	0	%100
42	MP3A	Z	-9.531	-9.531	ő	%100
43	MP4A	X	0	0	0	%100 %100
44	MP4A	Z	-9.531	-9.531	0	%100
45	MP1C	X	0	0	0	%100
46	MP1C	Z	-9.531	-9.531	0	%100
47	MP2C	X	0	0	0	%100
48	MP2C	Z	-9.531	-9.531	0	%100
49	MP3CA	X	0	0	0	%100
50	MP3CA	Z	-9.531	-9.531	0	%100
51	MP4CA	X	0	0	0	%100
52	MP4CA	Z	-9.531	-9.531	Ö	%100
53	MP1B	X	0	0	0	%100
54	MP1B	Z	-9.531	-9.531	0	%100
55	MP2B	X	0	0	0	%100
56	MP2B	Z	-9.531	-9.531	0	%100
57	MP3B	X	0	0	0	%100
58	MP3B	Z	-9.531	-9.531	0	%100 %100
59	MP4B	X	0	0	0	%100
60	MP4B	Z	-9.531	-9.531	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f	End Location[ft
61	MP3C	X	0	0	0	%100
62	MP3C	Z	-9.531	-9.531	0	%100
63	M61	X	0	0	0	%100
64	M61	Z	-11.537	-11.537	0	%100
65	M66	X	0	0	0	%100
66	M66	Z	-2.884	-2.884	0	%100
67	M71	X	0	0	0	%100
68	M71	Z	-2.884	-2.884	0	%100
69	M82	X	0	0	0	%100
70	M82	Z	-3.655	-3.655	0	%100
71	M83	X	0	0	0	%100
72	M83	Z	-3.655	-3.655	0	%100
73	M84	X	0	0	0	%100
74	M84	Z	-14.618	-14.618	0	%100
75	M86	X	0	0	0	%100
76	M86	Z	-4.133	-4.133	0	%100
77	M88	X	0	0	0	%100
78	M88	Z	-16.082	-16.082	0	%100
79	M90	X	0	0	0	%100
80	M90	Z	-16.082	-16.082	0	%100
81	MP4C	X	0	0	0	%100
82	MP4C	Z	-9.531	-9.531	0	%100
83	M95	X	0	0	0	%100
84	M95	Z	-8.685	-8.685	0	%100
85	M97	X	0	0	0	%100
86	M97	Z	-8.685	-8.685	0	%100
87	M99	X	0	0	0	%100
88	M99	Z	-8.685	-8.685	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f	.End Location[ft.
1	M1	X	7.524	7.524	0	%100
2	M1	Z	-13.033	-13.033	0	%100
3	M2	X	8.424	8.424	0	%100
4	M2	Z	-14.591	-14.591	0	%100
5	M3	X	7.524	7.524	0	%100
6	M3	Z	-13.033	-13.033	0	%100
7	M4	X	2.119	2.119	0	%100
8	M4	Z	-3.67	-3.67	0	%100
9	M5	X	1.429	1.429	0	%100
10	M5	Z	-2.476	-2.476	0	%100
11	M8	X	1.859	1.859	0	%100
12	M8	Z	-3.22	-3.22	0	%100
13	M9	X	7.524	7.524	0	%100
14	M9	Z	-13.033	-13.033	0	%100
15	M10	X	2.119	2.119	0	%100
16	M10	Z	-3.67	-3.67	0	%100
17	M11	X	7.524	7.524	0	%100
18	M11	Z	-13.033	-13.033	0	%100
19	M12	X	8.424	8.424	0	%100
20	M12	Z	-14.591	-14.591	0	%100
21	M13	X	1.429	1.429	0	%100
22	M13	Z	-2.476	-2.476	0	%100
23	M16	X	1.859	1.859	0	%100
24	M16	Z	-3.22	-3.22	0	%100
25	M17	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]		.End Location[ft
26	M17	Z	0	0	0	%100
27	M18	X	2.093	2.093	0	%100
28	M18	Z	-3.625	-3.625	0	%100
29	M19	X	0	0	0	%100
30	M19	Z	0	0	0	%100
31	M20	X	2.093	2.093	0	%100
32	M20	Z	-3.625	-3.625	0	%100
33	M21	X	5.718	5.718	0	%100
34	M21	Z	-9.903	-9.903	0	%100
35	M24	X	7.436	7.436	0	%100
36	M24	Z	-12.88	-12.88	0	%100
37	MP1A	X	4.765	4.765	0	%100
38	MP1A	Z	-8.254	-8.254	0	%100
39	MP2A	X	4.765	4.765	0	%100
40	MP2A	Z	-8.254	-8.254	0	%100
41	MP3A	X	4.765	4.765	0	%100
42	MP3A	Z	-8.254	-8.254	Ö	%100
43	MP4A	X	4.765	4.765	0	%100
44	MP4A	Z	-8.254	-8.254	Ö	%100
45	MP1C	X	4.765	4.765	0	%100
46	MP1C	Z	-8.254	-8.254	0	%100
47	MP2C	X	4.765	4.765	0	%100
48	MP2C	Z	-8.254	-8.254	0	%100
49	MP3CA	X	4.765	4.765	0	%100
50	MP3CA	Z	-8.254	-8.254	0	%100
51	MP4CA	X	4.765	4.765	0	%100
52	MP4CA	Z	-8.254	-8.254	0	%100
53	MP1B	X	4.765	4.765	0	%100
54	MP1B	Z	-8.254	-8.254	0	%100
55	MP2B	X	4.765	4.765	0	%100
56	MP2B	Z	-8.254	-8.254	0	%100
57	MP3B	X	4.765	4.765	0	%100
58	MP3B	Ž	-8.254	-8.254	0	%100 %100
59	MP4B	X	4.765	4.765	0	%100
60	MP4B	Z	-8.254	-8.254	0	%100
61	MP3C	X	4.765	4.765	0	%100
62	MP3C	Z	-8.254	-8.254	0	%100
63	M61	X	4.326	4.326	0	%100
64	M61	Z	-7.494	-7.494	0	%100
65	M66	X	4.326	4.326	0	%100
66	M66	Z	-7.494	-7 .494	0	%100
67	M71	X	0	-7.494	0	%100
68	M71	Z	0	0	0	%100
69	M82	X	5.482	5.482	0	%100
70	M82	Z	-9.495	-9.495	0	%100
71	M83	X	0	-9.495 0	0	%100
72	M83	Z	0	0	0	%100
73	M84	X	5.482	5.482	0	%100
74	M84	Z	-9.495	-9.495	0	%100
75	M86	X	4.058	4.058	0	%100 %100
76	M86	Z	-7.029	-7.029	0	%100 %100
77	M88	X	4.058	4.058	0	%100
78	M88	Z	-7.029	-7.029	0	%100 %100
79	M90	X	10.032	10.032		%100 %100
80	M90	Z	-17.377	-17.377	0	
81	MP4C	X	4.765	4.765		%100 %100
82	MP4C	Z	-8.254	-8.254	0	%100 %100
- UZ	IVII TO	-	-0.234	-0.204	U	76 TUU



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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f	End Location[ft
83	M95	X	4.343	4.343	0	%100
84	M95	Z	-7.522	-7.522	0	%100
85	M97	X	4.343	4.343	0	%100
86	M97	7	-7.522	-7.522	0	%100
87	M99	X	4.343	4.343	0	%100
88	M99	7	-7.522	-7.522	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f.	.End Location[ft.
1	M1	X	4.344	4.344	0	%100
2	M1	Z	-2.508	-2.508	0	%100
3	M2	X	10.921	10.921	0	%100
4	M2	Z	-6.305	-6.305	0	%100
5	M3	X	4.344	4.344	0	%100
6	M3	Z	-2.508	-2.508	0	%100
7	M4	X	4.5e-5	4.5e-5	0	%100
8	M4	Z	-2.6e-5	-2.6e-5	0	%100
9	M5	X	7.427	7.427	0	%100
10	M5	Z	-4.288	-4.288	0	%100
11	M8	X	9.66	9.66	0	%100
12	M8	Z	-5.577	-5.577	0	%100
13	M9	X	17.377	17.377	0	%100
14	M9	Z	-10.032	-10.032	0	%100
15	M10	X	10.965	10.965	0	%100
16	M10	Z	-6.331	-6.331	0	%100
17	M11		17.377	17.377	0	%100
18	M11	X	-10.032	-10.032	0	%100
19	M12	X	10.965	10.965	0	%100
20	M12	Z	-6.331	-6.331	0	%100
21	M13	X	0	0	0	%100
22	M13	Z	0	0	0	%100
23	M16	X	0	0	0	%100
24	M16	Z	0	0	0	%100
25	M17	X	4.344	4.344	0	%100
26	M17	Z	-2.508	-2.508	0	%100
27	M18	X	4.5e-5	4.5e-5	0	%100
28	M18	Z	-2.6e-5	-2.6e-5	0	%100
29	M19	X	4.344	4.344	0	%100
30	M19	Z	-2.508	-2.508	0	%100
31	M20	X	10.921	10.921	0	%100
32	M20	Z	-6.305	-6.305	0	%100
33	M21	X	7.427	7.427	0	%100
34	M21	Z	-4.288	-4.288	0	%100
35	M24	X	9.66	9.66	0	%100
36	M24	Z	-5.577	-5.577	0	%100
37	MP1A	X	8.254	8.254	0	%100
38	MP1A	Z	-4.765	-4.765	0	%100
39	MP2A	X	8.254	8.254	0	%100
40	MP2A	Z	-4.765	-4.765	0	%100
41	MP3A	X	8.254	8.254	0	%100
42	MP3A	Z	-4.765	-4.765	0	%100
43	MP4A	X	8.254	8.254	0	%100
44	MP4A	Z	-4.765	-4.765	0	%100
45	MP1C	X	8.254	8.254	0	%100
46	MP1C	Z	-4.765	-4.765	0	%100
47	MP2C	X	8.254	8.254	0	%100

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

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40	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]		fEnd Location[ft
48	MP2C	Z	-4.765	-4.765	0	%100
49	MP3CA	X	8.254	8.254	0	%100
50	MP3CA	Z	-4.765	-4.765	0	%100
51	MP4CA	X	8.254	8.254	0	%100
52	MP4CA	Z	-4.765	-4.765	0	%100
53	MP1B	X	8.254	8.254	0	%100
54	MP1B	Z	-4.765	-4.765	0	%100
55	MP2B	X	8.254	8.254	0	%100
56	MP2B	Z	-4.765	-4.765	0	%100
57	MP3B	X	8.254	8.254	0	%100
58	MP3B	Z	-4.765	-4.765	0	%100
59	MP4B	X	8.254	8.254	0	%100
60	MP4B	Z	-4.765	-4.765	0	%100
61	MP3C	X	8.254	8.254	0	%100
62	MP3C	Z	-4.765	-4.765	0	%100
63	M61	X	2.498	2.498	0	%100
64	M61	Z	-1.442	-1.442	0	%100
65	M66	X	9.992	9.992	0	%100
66	M66	Z	-5.769	-5.769	0	%100
67	M71	X	2.498	2.498	0	%100
68	M71	Z	-1.442	-1.442	0	%100
69	M82	X	12.66	12,66	0	%100
70	M82	Z	-7.309	-7.309	0	%100
71	M83	X	3.165	3.165	0	%100
72	M83	Z	-1.827	-1.827	0	%100
73	M84	X	3.165	3.165	0	%100
74	M84	Z	-1.827	-1.827	0	%100
75	M86	X	13.927	13.927	0	%100
76	M86	Z	-8.041	-8.041	0	%100
77	M88	X	3.58	3.58	0	%100
78	M88	Z	-2.067	-2.067	0	%100
79	M90	X	13.927	13.927	0	%100
80	M90	Z	-8.041	-8.041	0	%100
81	MP4C	X	8.254	8.254	0	%100
82	MP4C	Z	-4.765	-4.765	0	%100
83	M95	X	7.522	7.522	0	%100
84	M95	Z	-4.343	-4.343	O O	%100
85	M97	X	7.522	7.522	Ō	%100
86	M97	Z	-4.343	-4.343	0	%100
87	M99	X	7.522	7.522	0	%100
88	M99	Z	-4.343	-4.343	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f.	.End Location[ft.
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	4.186	4.186	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	4.186	4.186	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	11.435	11.435	0	%100
10	M5	Z	0	0	0	%100
11	M8	X	14.872	14.872	0	%100
12	M8	Z	0	0	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]		End Location[ft
13	M9	X	15.049	15.049	0	%100
14	M9	Z	0	0	0	%100
15	M10	X	16.848	16.848	0	%100
16	M10	Z	0	0	0	%100 %100
17	M11	X	15.049	15.049	0	
18	M11	Z	0	0	0	%100
19	M12	X	4.238	4.238	0	%100
20	M12	Z	0	0	0	%100
21	M13	X	2.859	2.859	0	%100
22	M13	Z	0	0	0	%100
23	M16	X	3.718	3.718	0	%100
24	M16	Z	0	0	0	%100
25	M17	X	15.049	15.049	0	%100
26	M17	Z	0	0	0	%100
27	M18	X	4.238	4.238	0	%100
28	M18	Z	0	0	0	%100
29	M19	X	15.049	15.049	0	%100
30	M19	Z	0	0	0	%100
31	M20	X	16.848	16.848	0	%100
32	M20	Z	0	0	0	%100
33	M21	X	2.859	2.859	0	%100
34	M21	Z	0	0	0	%100
35	M24	X	3.718	3.718	0	%100
36	M24	Z	0	0	0	%100
37	MP1A	X	9.531	9.531	0	%100
38	MP1A	Z	0	0	0	%100
39	MP2A	X	9.531	9.531	0	%100
40	MP2A	Z	0	0	0	%100
41	MP3A	X	9.531	9.531	0	%100
42	MP3A	Z	0	0	0	%100
43	MP4A	X	9.531	9,531	0	%100
44	MP4A	Z	0	0	0	%100
45	MP1C	X	9.531	9.531	0	%100
46	MP1C	Z	0	0	0	%100
47	MP2C	X	9.531	9.531	0	%100
48	MP2C	Z	0	0	0	%100
49	MP3CA	X	9.531	9.531	0	%100
50	MP3CA	Z	0	0	0	%100
51	MP4CA	X	9.531	9.531	0	%100
52	MP4CA	Z	0	0	0	%100
53	MP1B	X	9.531	9.531	0	%100
54	MP1B	Z	0	0	0	%100
55	MP2B	X	9.531	9.531	0	%100
56	MP2B	Z	0	0	0	%100
57	MP3B	X	9.531	9.531	0	%100
58	MP3B	Z	0	0	0	%100
59	MP4B	X	9.531	9.531	0	%100
60	MP4B	Z	0	0	0	%100
61	MP3C	X	9.531	9.531	0	%100
62	MP3C	Z	0	0	0	%100
63	M61	X	0	0	0	%100
64	M61	Z	0	0	0	%100
65	M66	X	8.653	8.653	0	%100
66	M66	Z	0	0	0	%100
67	M71	X	8.653	8.653	0	%100
68	M71	Z	0	0	0	%100
69	M82	X	10.964	10.964	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Locationif	End Location[ft
70	M82	Z	0	0	0	%100
71	M83	X	10.964	10.964	0	%100
72	M83	Z	0	0	0	%100
73	M84	X	0	0	0	%100
74	M84	Z	0	0	0	%100
75	M86	X	20.065	20.065	0	%100
76	M86	Z	0	0	0	%100
77	M88	X	8.116	8.116	0	%100
78	M88	Z	0	0	0	%100
79	M90	X	8.116	8.116	0	%100
80	M90	Z	0	0	0	%100
81	MP4C	X	9.531	9.531	0	%100
82	MP4C	Z	0	0	0	%100
83	M95	X	8.685	8.685	0	%100
84	M95	Z	0	0	0	%100
85	M97	X	8.685	8.685	0	%100
86	M97	Z	0	0	0	%100
87	M99	X	8.685	8.685	0	%100
88	M99	Z	0	0	0	%100

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

,	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f	End Location[ft
1	M1	X	4.344	4.344	0	%100
2	M1	Z	2.508	2.508	0	%100
3	M2	X	4.5e-5	4.5e-5	0	%100
4	M2	Z	2.6e-5	2.6e-5	0	%100
5	M3	X	4.344	4.344	0	%100
6	M3	Z	2.508	2.508	0	%100
7	M4	X	10.921	10.921	0	%100
8	M4	Z	6.305	6.305	0	%100
9	M5	X	7.427	7.427	0	%100
10	M5	Z	4.288	4.288	0	%100
11	M8	X	9.66	9.66	0	%100
12	M8	Z	5.577	5.577	0	%100
13	M9	X	4.344	4.344	0	%100
14	M9	Z	2.508	2.508	0	%100
15	M10	X	10.921	10.921	0	%100
16	M10	Z	6.305	6.305	0	%100
17	M11	X	4.344	4.344	0	%100
18	M11	Z	2.508	2.508	0	%100
19	M12	X	4.5e-5	4.5e-5	0	%100
20	M12	Z	2.6e-5	2.6e-5	0	%100
21	M13	X	7.427	7.427	0	%100
22	M13	Z	4.288	4.288	0	%100
23	M16	X	9.66	9.66	0	%100
24	M16	Z	5.577	5.577	0	%100
25	M17	X	17.377	17.377	0	%100
26	M17	Z	10.032	10.032	0	%100
27	M18	X	10.965	10.965	0	%100
28	M18	Z	6.331	6.331	0	%100
29	M19	X	17.377	17.377	0	%100
30	M19	Z	10.032	10.032	0	%100
31	M20	X	10.965	10.965	0	%100
32	M20	Z	6.331	6.331	Ö	%100
33	M21		0	0	0	%100
34	M21	X Z	0	0	Ŏ	%100



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

35	Member Label M24	Direction	Start Magnitude[lb/ft,F,ksf] 0	End Magnitude[lb/ft,F,ksf] 0	Start Location[f.	.End Location[ft %100
36	M24	Ž	0	0	0	%100
			8.254	8.254	0	%100
37 38	MP1A MP1A	X	4.765	4.765	0	%100
39	MP2A	X	8.254	8.254	0	%100
40	MP2A	Z	4.765	4.765	0	%100
			8.254	8.254	0	%100
41	MP3A MP3A	X	4.765	4.765	0	%100
			8.254	8.254	0	%100
43	MP4A	X	4.765	4.765	0	%100
44	MP4A MP1C	X	8.254	8.254	0	%100
46	MP1C	Z	4.765	4.765	0	%100
			8.254	8.254	0	%100
47	MP2C	X	4.765	4.765	0	%100
48	MP2C	X	8.254	8.254	0	%100
49	MP3CA MP3CA	Ž	4.765	4.765	0	%100
50	MP4CA	X	8.254	8.254	0	%100
51 52	MP4CA	Ž	4.765	4.765	0	%100
	MP1B	X	8.254	8.254	0	%100
53		Ž	4.765	4.765	Ö	%100
54	MP1B MP2B	X	8.254	8.254	0	%100
55	MP2B	Ž	4.765	4.765	0	%100
56			8.254	8.254	0	%100
57	MP3B MP3B	X	4.765	4.765	0	%100
58	MP4B	X	8.254	8.254	0	%100
59	MP4B	Z	4.765	4.765	0	%100
60		X	8.254	8.254	0	%100
62	MP3C MP3C	Z	4.765	4.765	0	%100
63	M61	X	2.498	2.498	0	%100
64	M61	Z	1.442	1.442	0	%100
65	M66	X	2.498	2.498	0	%100
66	M66	Z	1.442	1.442	0	%100
67	M71	X	9.992	9.992	0	%100
68	M71	Z	5.769	5.769	0	%100
69	M82	X	3.165	3.165	0	%100
70	M82	Z	1.827	1.827	0	%100
71	M83	X	12.66	12.66	0	%100
72	M83	Z	7.309	7.309	Ö	%100
73	M84	X	3.165	3.165	0	%100
74	M84	Z	1.827	1.827	0	%100
75	M86	X	13.927	13.927	0	%100
76	M86	Z	8.041	8.041	0	%100
77	M88	X	13.927	13.927	0	%100
78	M88	Z	8.041	8.041	0	%100
79	M90	X	3.58	3.58	0	%100
80	M90	Z	2.067	2.067	0	%100
81	MP4C	X	8.254	8.254	0	%100
82	MP4C	Z	4.765	4.765	0	%100
83	M95	X	7.522	7.522	0	%100
84	M95	Z	4.343	4.343	0	%100
85	M97	X	7.522	7.522	0	%100
86	M97	Z	4.343	4.343	0	%100
87	M99	X	7.522	7.522	0	%100
88	M99	Z	4.343	4.343	0	%100

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

Member Label Direction Start Magnitude III biff E keft 5nd Magnitude III biff E keft Start Location If End Location II

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start LocationIf	End Location[ft
1	M1	X	7.524	7.524	0	%100
2	M1		13.033	13.033	0	%100
3	M2	X	2.119	2.119	0	%100
4	M2	Z	3.67	3.67	0	%100
5	M3	X	7.524	7.524	0	%100
6	M3	Z	13.033	13.033	0	%100
7	M4	X	8.424	8.424	0	%100
8	M4	Z	14.591	14.591	0	%100
9	M5	X	1.429	1.429	0	%100
10	M5	Z	2.476	2.476	0	%100
11	M8	X	1.859	1.859	0	%100
12	M8	Z	3.22	3.22	0	%100
13	M9	X	0	0	0	%100
14	M9	Z	0	0	0	%100
15	M10	X	2.093	2.093	0	%100
16	M10	Z	3.625	3.625	0	%100
17	M11	X	0	0	0	%100
18	M11	Z	0	0	0	%100
19	M12	X	2.093	2.093	0	%100
20	M12	Z	3.625	3.625	0	%100
21	M13	X	5.718	5.718	0	%100
22	M13	Z	9.903	9.903	0	%100
23	M16	X	7.436	7,436	0	%100
24	M16	Z	12.88	12.88	0	%100
25	M17	X	7.524	7.524	0	%100
26	M17	Z	13.033	13.033	Ö	%100
27	M18	X	8.424	8.424	Ö	%100
28	M18	Z	14.591	14.591	0	%100
29	M19	X	7.524	7.524	0	%100
30	M19	Z	13.033	13.033	O O	%100
31	M20	X	2.119	2.119	0	%100
32	M20	Z	3.67	3.67	O	%100
33	M21	X	1.429	1.429	0	%100
34	M21	Z	2.476	2.476	0	%100 %100
35	M24	X	1.859	1.859	0	%100 %100
36	M24	Z	3.22	3.22	0	%100 %100
37	MP1A	X	4.765	4.765	0	%100 %100
38	MP1A	Z	8.254	8.254	0	%100 %100
39	MP2A	X	4.765	4.765	0	%100
40	MP2A	Z	8.254	8.254	0	%100
41	MP3A	X	4.765	4.765	0	%100
42	MP3A	Z	8.254	8.254	0	%100 %100
43	MP4A	X	4.765	4.765	0	%100
44	MP4A	Z	8.254	8.254	0	%100
45	MP1C	X	4.765	4.765	0	%100 %100
46	MP1C	Z	8.254	8.254	0	%100
47	MP2C	X	4.765	4.765	0	%100 %100
48	MP2C	Z	8.254	8.254	0	%100 %100
49	MP3CA	X	4.765	4.765	0	%100
50	MP3CA	Ž	8.254	8.254		
51	MP4CA	X	4.765		0	%100 %100
52	MP4CA	Z		4.765	0	%100
53			8.254	8.254	0	%100
	MP1B	X	4.765	4.765	0	%100
54	MP1B	Z	8.254	8.254	0	%100
55	MP2B	X	4.765	4.765	0	%100
56	MP2B	Z	8.254	8.254	0	%100
57	MP3B	X	4.765	4.765	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f.	.End Location[ft
58	MP3B	Z	8.254	8.254	0	%100
59	MP4B	X	4.765	4.765	0	%100
60	MP4B	Z	8.254	8.254	0	%100
61	MP3C	X	4.765	4.765	0	%100
62	MP3C	Z	8.254	8.254	0	%100
63	M61	X	4.326	4.326	0	%100
64	M61	Z	7.494	7.494	0	%100
65	M66	X	0	0	0	%100
66	M66	Z	0	0	0	%100
67	M71	X	4.326	4.326	0	%100
68	M71	Z	7.494	7.494	0	%100
69	M82	X	0	0	0	%100
70	M82	Z	0	0	0	%100
71	M83	X	5.482	5.482	0	%100
72	M83	Z	9.495	9.495	0	%100
73	M84	X	5.482	5.482	0	%100
74	M84	Z	9.495	9.495	0	%100
75	M86	X	4.058	4.058	0	%100
76	M86	Z	7.029	7.029	0	%100
77	M88	X	10.032	10.032	0	%100
78	M88	Z	17.377	17.377	0	%100
79	M90	X	4.058	4.058	0	%100
80	M90	Z	7.029	7.029	0	%100
81	MP4C	X	4.765	4.765	0	%100
82	MP4C	Z	8.254	8.254	0	%100
83	M95	X	4.343	4.343	0	%100
84	M95	Z	7.522	7.522	0	%100
85	M97	X	4.343	4.343	0	%100
86	M97	Z	7.522	7.522	0	%100
87	M99	X	4.343	4.343	0	%100
88	M99	Z	7.522	7.522	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f.	.End Location[ft.
1	M1	X	0	0	0	%100
2	M1	Z	20.065	20.065	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	12.662	12.662	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	20.065	20.065	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	12.662	12.662	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	0	0	0	%100
11	M8	X	0	0	0	%100
12	M8	Z	0	0	0	%100
13	M9	X	0	0	0	%100
14	M9	Z	5.016	5.016	0	%100
15	M10	X	0	0	0	%100
16	M10	Z	5.2e-5	5.2e-5	0	%100
17	M11	X	0	0	0	%100
18	M11	Z	5.016	5.016	0	%100
19	M12	X	0	0	0	%100
20	M12	Z	12.61	12.61	0	%100
21	M13	X	0	0	0	%100
22	M13	Z	8.576	8.576	0	%100

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

- III OIII			IDEC 47 . Structure WC	Company of the Compan		E CHOWO CA PERCOSE
23	Member Label M16	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]		End Location[ft
24	M16	X	0 11,154	0	0	%100
25	M17			11.154	0	%100
26	M17	X	0 5.016	5.016	0	%100
27	M18	X	0		0	%100
28	M18	Z	12.61	0	0	%100
29	M19			12.61	0	%100
30	M19	X	0 5.016	0	0	%100
31	M20	X	0	5.016	0	%100
32	M20	Z	5.2e-5	0	0	%100 %100
33	M21	X	5.2e-5 0	5.2e-5	0	
34	M21	Z	8.576	0 8.576	0	%100
35	M24	X	0.370	0.376	0	%100
36	M24	Z	11.154	11.154	0	%100 %100
37	MP1A	X	0	0	0	%100 %100
38	MP1A	Z	9.531	9.531	0	%100 %100
39	MP2A	X	0	0	0	%100
40	MP2A	Z	9.531	9.531	0	%100
41	MP3A	X	0	0	0	%100
42	MP3A	Ž	9.531	9.531	0	%100
43	MP4A	X	0	0	0	%100
44	MP4A	Z	9.531	9.531	0	%100 %100
45	MP1C	X	0	0	0	%100
46	MP1C	Z	9.531	9.531	0	%100
47	MP2C	X	0	0	0	%100
48	MP2C	Z	9.531	9.531	0	%100
49	MP3CA	X	0	0	0	%100
50	MP3CA	Z	9.531	9.531	0	%100
51	MP4CA	X	0	9.551	0	%100
52	MP4CA	Z	9.531	9.531	0	%100 %100
53	MP1B	X	0	0	0	%100
54	MP1B	Z	9.531	9.531	0	%100 %100
55	MP2B	X	0	0	0	%100
56	MP2B	Z	9.531	9.531	0	%100 %100
57	MP3B	X	0	0	0	%100 %100
58	MP3B	Z	9.531	9.531	O O	%100
59	MP4B	X	0	0	0	%100
60	MP4B	Z	9.531	9.531	Ö	%100
61	MP3C	X	0	0	0	%100
62	MP3C	Z	9.531	9.531	Ö	%100
63	M61	X	0	0	0	%100
64	M61	Z	11.537	11.537	Ö	%100
65	M66	X	0	0	0	%100
66	M66	Z	2.884	2.884	Ö	%100
67	M71	X	0	0	0	%100
68	M71	Z	2.884	2.884	0	%100
69	M82	X	0	0	Ö	%100
70	M82	Z	3.655	3.655	Ö	%100
71	M83	X	0	0	Ö	%100
72	M83	Z	3.655	3.655	Ö	%100
73	M84	X	0	0	0	%100
74	M84	Z	14.618	14.618	Ö	%100
75	M86	X	0	0	0	%100
76	M86	Z	4.133	4.133	0	%100
77	M88	X	0	0	0	%100
78	M88	Z	16.082	16.082	0	%100
79	M90	X	0	0	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f.	.End Location[ft
80	M90	Z	16.082	16.082	0	%100
81	MP4C	X	0	0	0	%100
81	MP4C	Z	9.531	9.531	0	%100
83	M95	X	0	0	0	%100
84	M95	Z	8.685	8.685	0	%100
85	M97	X	0	0	0	%100
86	M97	Z	8.685	8.685	0	%100
87	M99	X	0	0	0	%100
88	M99	Z	8.685	8.685	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f	
1	M1	X	-7.524	-7.524	0	%100
2	M1	Z	13.033	13.033	0	%100
3	M2	X	-8.424	-8.424	0	%100
4	M2	Z	14.591	14.591	0	%100
5	M3	X	-7.524	-7.524	0	%100
6	M3	Z	13.033	13.033	0	%100
7	M4	X	-2.119	-2.119	0	%100
8	M4	Z	3.67	3.67	0	%100
9	M5	X	-1.429	-1.429	0	%100
10	M5	Z	2.476	2.476	0	%100
11	M8	X	-1.859	-1.859	0	%100
12	M8	Z	3.22	3.22	0	%100
13	M9	X	-7.524	-7.524	0	%100
14	M9	Z	13.033	13.033	0	%100
15	M10	X	-2.119	-2.119	0	%100
16	M10	Z	3.67	3.67	0	%100
17	M11	Х	-7.524	-7.524	0	%100
18	M11	Z	13.033	13.033	0	%100
19	M12	X	-8.424	-8.424	0	%100
20	M12	Z	14.591	14.591	0	%100
21	M13	X	-1.429	-1.429	0	%100
22	M13	Z	2.476	2.476	0	%100
23	M16	X	-1.859	-1.859	0	%100
24	M16	Z	3.22	3.22	0	%100
25	M17	X	0	0	0	%100
26	M17	Ž	0	0	0	%100
27	M18	X	-2.093	-2.093	0	%100
28	M18	Z	3.625	3.625	0	%100
29	M19	X	- 0	0	0	%100
30	M19	Z	0	0	0	%100
31	M20	X	-2.093	-2.093	0	%100
32	M20	Z	3.625	3.625	0	%100
33	M21	X	-5.718	-5.718	0	%100
34	M21	Z	9.903	9.903	0	%100
35	M24	X	-7.436	-7.436	0	%100
36	M24	Ž	12.88	12.88	0	%100
37	MP1A	X	-4.765	-4.765	0	%100
38	MP1A	Ž	8.254	8.254	0	%100
39	MP2A	X	-4.765	-4.765	0	%100
40	MP2A	Z	8.254	8.254	0	%100
41	MP3A	X	-4.765	-4.765	0	%100
42	MP3A	Z	8.254	8.254	0	%100
43	MP4A	X	-4.765	-4.765	0	%100
44	MP4A	7	8.254	8.254	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start LocationIf	End Location[ft
45	MP1C	X	-4.765	-4.765	0	%100
46	MP1C	Z	8.254	8.254	0	%100
47	MP2C	X	-4.765	-4.765	0	%100
48	MP2C	Z	8.254	8.254	0	%100
49	MP3CA	X	-4.765	-4.765	0	%100
50	MP3CA	Z	8.254	8.254	0	%100
51	MP4CA	X	-4.765	-4.765	0	%100
52	MP4CA	Z	8.254	8.254	0	%100
53	MP1B	X	-4.765	-4.765	0	%100
54	MP1B	Z	8.254	8.254	0	%100
55	MP2B	X	-4.765	-4.765	0	%100
56	MP2B	Z	8.254	8.254	0	%100
57	MP3B	X	-4.765	-4.765	0	%100
58	MP3B	Z	8.254	8.254	0	%100
59	MP4B	X	-4.765	-4.765	0	%100
60	MP4B	Z	8.254	8.254	0	%100
61	MP3C	X	-4.765	-4.765	0	%100
62	MP3C	Z	8.254	8.254	0	%100
63	M61	X	-4.326	-4.326	0	%100
64	M61	Z	7.494	7.494	0	%100
65	M66	X	-4.326	-4.326	0	%100
66	M66	Z	7.494	7.494	0	%100
67	M71	X	0	0	0	%100
68	M71	Z	0	0	0	%100
69	M82	X	-5.482	-5.482	0	%100
70	M82	Z	9.495	9.495	0	%100
71	M83	X	0	0	0	%100
72	M83	Z	0	0	0	%100
73	M84	X	-5.482	-5.482	0	%100
74	M84	Z	9,495	9.495	0	%100
75	M86	X	-4.058	-4.058	0	%100
76	M86	Z	7.029	7.029	0	%100
77	M88	X	-4.058	-4.058	0	%100
78	M88	Z	7.029	7.029	0	%100
79	M90	X	-10.032	-10.032	0	%100
80	M90	Z	17.377	17.377	0	%100
81	MP4C	X	-4.765	-4.765	0	%100
82	MP4C	Z	8.254	8.254	0	%100
83	M95	X	-4.343	-4.343	0	%100
84	M95	Z	7.522	7.522	0	%100
85	M97	X	-4.343	-4.343	0	%100
86	M97	Z	7.522	7.522	0	%100
87	M99	X	-4.343	-4.343	0	%100
88	M99	Z	7.522	7.522	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location(f.	.End Location[ft
1	M1	X	-4.344	-4.344	0	%100
2	M1	Z	2.508	2.508	0	%100
3	M2	X	-10.921	-10.921	0	%100
4	M2	Z	6.305	6.305	0	%100
5	M3	X	-4.344	-4.344	0	%100
6	M3	Z	2.508	2.508	0	%100
7	M4	X	-4.5e-5	-4.5e-5	0	%100
8	M4	Z	2.6e-5	2.6e-5	0	%100
9	M5	X	-7.427	-7.427	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]		End Location[ft.
10	M5	Z	4.288	4.288	0	%100 %100
11	M8	X	-9.66	-9.66	0	
12	M8	Z	5.577	5.577	0	%100
13	M9	X	-17.377	-17.377	0	%100
14	M9	Z	10.032	10.032	0	%100
15	M10	X	-10.965	-10.965	0	%100
16	M10	Z	6.331	6.331	0	%100
17	M11	X	-17.377	-17.377	0	%100
18	M11	Z	10.032	10.032	0	%100
19	M12	X	-10.965	-10.965	0	%100
20	M12	Z	6.331	6.331	0	%100
21	M13	X	0	0	0	%100
22	M13	Z	0	0	0	%100
23	M16	X	0	0	0	%100
24	M16	Z	0	0	0	%100
25	M17	X	-4.344	-4.344	0	%100
26	M17	Z	2.508	2.508	0	%100
27	M18	X	-4.5e-5	-4.5e-5	0	%100
28	M18	Z	2.6e-5	2.6e-5	0	%100
			-4.344	-4.344	0	%100
29	M19	X	2.508	2.508	0	%100
30	M19			-10.921	0	%100
31	M20	X	-10.921	6.305	0	%100
32	M20	Z	6.305		0	%100
33	M21	X	-7.427	-7.427 4.288	0	%100 %100
34	M21	Z	4.288			%100
35	M24	X	-9.66	-9.66	0	
36	M24	Z	5.577	5.577	0	%100
37	MP1A	X	-8.254	-8.254	0	%100
38	MP1A	Z	4.765	4.765	0	%100
39	MP2A	X	-8.254	-8.254	0	%100
40	MP2A	Z	4.765	4.765	0	%100
41	MP3A	X	-8.254	-8.254	0	%100
42	MP3A	Z	4.765	4.765	0	%100
43	MP4A	X	-8.254	-8.254	0	%100
44	MP4A	Z	4.765	4.765	0	%100
45	MP1C	X	-8.254	-8.254	0	%100
46	MP1C	Z	4.765	4.765	0	%100
47	MP2C	X	-8.254	-8.254	0	%100
48	MP2C	Z	4.765	4.765	0	%100
49	MP3CA	X	-8.254	-8.254	0	%100
50	MP3CA	Z	4.765	4.765	0	%100
51	MP4CA	X	-8.254	-8.254	0	%100
52	MP4CA	Z	4.765	4.765	0	%100
53	MP1B	X	-8.254	-8.254	0	%100
54	MP1B	Z	4.765	4.765	0	%100
55	MP2B	X	-8.254	-8.254	0	%100
		Ž	4.765	4.765	0	%100
56	MP2B		-8.254	-8.254	Ö	%100
57	MP3B	X	4.765	4.765	Ö	%100
58	MP3B			-8.254	0	%100
59	MP4B	X	-8.254 4.765	4.765	0	%100
60	MP4B	Z	4.765		0	%100
61	MP3C	X	-8.254	-8.254	0	%100
62	MP3C	Z	4.765	4.765		
63	M61	X	-2.498	-2.498	0	%100
64	M61	Z	1.442	1.442	0	%100
65	M66	X	-9.992	-9.992	0	%100 %100
	M66	Z	5.769	5.769	0	W/ 7/11/1



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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Locationff	End Location[ft.
67	M71	X	-2.498	-2.498	0	%100
68	M71	Z	1.442	1.442	0	%100
69	M82	X	-12.66	-12.66	0	%100
70	M82	Z	7.309	7.309	0	%100
71	M83	X	-3.165	-3.165	0	%100
72	M83	Z	1.827	1.827	0	%100
73	M84	X	-3.165	-3.165	0	%100
74	M84	Z	1.827	1.827	0	%100
75	M86	X	-13.927	-13.927	0	%100
76	M86	Z	8.041	8.041	0	%100
77	M88	X	-3.58	-3.58	0	%100
78	M88	Z	2.067	2.067	0	%100
79	M90	X	-13.927	-13.927	0	%100
80	M90	Z	8.041	8.041	0	%100
81	MP4C	X	-8.254	-8.254	0	%100
82	MP4C	Z	4.765	4.765	0	%100
83	M95	X	-7.522	-7.522	0	%100
84	M95	Z	4.343	4.343	0	%100
85	M97	X	-7.522	-7.522	0	%100
86	M97	Z	4.343	4.343	0	%100
87	M99	X	-7.522	-7.522	0	%100
88	M99	Z	4.343	4.343	Ō	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start LocationIf	.End Location[ft.
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	-4.186	-4.186	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	-4.186	-4.186	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	-11.435	-11.435	0	%100
10	M5	Z	0	0	0	%100
11	M8	X	-14.872	-14.872	0	%100
12	M8	Z	0	0	0	%100
13	M9	X	-15.049	-15.049	0	%100
14	M9	Z	0	0	0	%100
15	M10	X	-16.848	-16.848	0	%100
16	M10	Z	0	0	0	%100
17	M11	X	-15.049	-15.049	0	%100
18	M11	Z	0	0	0	%100
19	M12	X	-4.238	-4.238	0	%100
20	M12	Z	0	0	0	%100
21	M13	X	-2.859	-2.859	0	%100
22	M13	Z	0	0	0	%100
23	M16	X	-3.718	-3.718	0	%100
24	M16	Z	0	0	0	%100
25	M17	X	-15.049	-15.049	0	%100
26	M17	Z	0	0	0	%100
27	M18	X	-4.238	-4.238	0	%100
28	M18	Z	0	0	Ö	%100
29	M19	X	-15.049	-15.049	0	%100
30	M19	Z	0	0	0	%100
31	M20	Х	-16.848	-16.848	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	The state of the s	.End Location[ft
32	M20		0	0	0	%100 %100
33	M21	X	-2.859	-2.859	0	%100
34	M21	Z	0	0 710	0	%100
35	M24	X	-3.718	-3.718	0	%100
36	M24	Z	0	0 504		%100 %100
37	MP1A	X	-9.531	-9.531	0	%100
38	MP1A	Z	0	0	0	%100 %100
39	MP2A	X	-9.531	-9.531	0	
40	MP2A	Z	0	0	0	%100
41	MP3A	X	-9.531	-9.531	0	%100
42	MP3A	Z	0	0	0	%100
43	MP4A	X	-9.531	-9.531	0	%100
44	MP4A	Z	0	0	0	%100
45	MP1C	X	-9.531	-9.531	0	%100
46	MP1C	Z	0	0	0	%100
47	MP2C	X	-9.531	-9.531	0	%100
48	MP2C	Z	0	0	0	%100
49	MP3CA	X	-9.531	-9.531	0	%100
50	MP3CA	Z	0	0	0	%100
51	MP4CA	X	-9.531	-9.531	0	%100
52	MP4CA	Z	0	0	0	%100
53	MP1B	X	-9.531	-9.531	0	%100
54	MP1B	Z	0	0	0	%100
55	MP2B	X	-9.531	-9.531	0	%100
56	MP2B	Z	0	0	0	%100
57	MP3B	X	-9.531	-9.531	0	%100
58	MP3B	Z	0	0	0	%100
59	MP4B	X	-9.531	-9.531	0	%100
60	MP4B	Z	0	0	0	%100
61	MP3C	X	-9.531	-9.531	0	%100
62	MP3C	Z	0	0	0	%100
63	M61	X	0	0	0	%100
64	M61	Z	0	0	0	%100
65	M66	X	-8.653	-8.653	0	%100
66	M66	Z	0	0	0	%100
67	M71	X	-8.653	-8.653	0	%100
68	M71	Z	0	0	0	%100
69	M82	X	-10.964	-10.964	0	%100
70	M82	Z	0	0	0	%100
71	M83	X	-10.964	-10.964	0	%100
72	M83	Z	-10.504	0	0	%100
73	M84	X	0	0	0	%100
	M84	Z	0	0	0	%100
74		X	-20.065	-20.065	0	%100
75	M86	Z	-20.065	-20.003	Ö	%100
76	M86		-8.116	-8.116	0	%100
77	M88	X	-0.116	-8.110	O O	%100
78	M88	Z		-8.116	0	%100
79	M90	X	-8.116	-0.110	0	%100 %100
80	M90	Z	0 524	-9.531	0	%100 %100
81	MP4C	X	-9.531		0	%100
82	MP4C	Z	0	0 005	0	%100 %100
83	M95	X	-8.685	-8.685		
84	M95	Z	0	0	0	%100
85	M97	X	-8.685	-8.685	0	%100
86	M97	Z	0	0	0	%100
87	M99	X	-8.685	-8.685	0	%100
88	M99	Z	0	0	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f	End Location[ft
1	M1	X	-4.344	-4.344	0	%100
2	M1	Z	-2.508	-2.508	0	%100
3	M2	X	-4.5e-5	-4.5e - 5	0	%100
4	M2	Z	-2.6e-5	-2.6e-5	0	%100
5	M3	X	-4.344	-4.344	0	%100
6	M3	Z	-2.508	-2.508	0	%100
7	M4	X	-10.921	-10.921	0	%100
8	M4	Z	-6.305	-6.305	0	%100
9	M5	Х	-7.427	-7.427	0	%100
10	M5	Z	-4.288	-4.288	0	%100
11	M8	X	-9.66	-9.66	0	%100
12	M8	Z	-5.577	-5.577	Ŏ	%100
13	M9	X	-4.344	-4.344	0	%100
14	M9	Z	-2.508	-2.508	Ö	%100
15	M10	X	-10.921	-10.921	0	%100
16	M10	Z	-6.305	-6.305	Ö	%100
17	M11	X	-4.344	-4.344	0	%100 %100
18	M11	Z	-2.508	-2.508	0	%100
19	M12	X	-4.5e-5	-4.5e-5	0	%100
20	M12	Z	-2.6e-5	-2.6e-5	0	%100
21	M13	X	-7.427	- 7.427	0	%100
22	M13	Z	-4.288	-4.288	0	%100
23	M16	X	-9.66	-9.66	0	%100
24	M16	Z	-5.577	-5.577	0	%100 %100
25	M17	X	-17.377	-17.377	0	%100
26	M17	Z	-10.032	-10.032	0	%100 %100
27	M18	X	-10.965	-10.965	0	%100 %100
28	M18	Z	-6.331	-6.331	0	%100 %100
29	M19	X	-17.377	-17.377	0	%100
30	M19	Z	-10.032	-10.032	0	%100 %100
31	M20	X	-10.965	-10.965	0	%100 %100
32	M20	Z	-6.331	-6.331	0	
33	M21	X	0	-0.551	0	%100 %100
34	M21	Z	0	0	0	%100
35	M24	X	0	0		
36	M24	Z	0	0	0	%100
37	MP1A	X	-8.254			%100
38	MP1A	Z	-4.765	-8.254 -4.765	0	%100
39	MP2A	X	-8.254		0	%100
40	MP2A	Z	-4.765	-8.254	0	%100
41	MP3A	X	-8.254	-4.765	0	%100
42	MP3A	Z		-8.254	0	%100
43	MP4A	X	-4.765	-4.765	0	%100
43	MP4A	Ž	-8.254 4.765	-8.254	0	%100
45	MP1C		-4.765	-4.765	0	%100
46	MP1C	Z	-8.254	-8.254	0	%100
46	MP2C		-4.765	-4.765	0	%100
		X	-8.254	-8.254	0	%100
48	MP2C	Z	-4.765	-4.765	0	%100
49	MP3CA	X	-8.254	-8.254	0	%100
50	MP3CA	Z	-4.765	-4.765	0	%100
51	MP4CA	X	-8.254	-8.254	0	%100
52	MP4CA	Z	-4.765	-4.765	0	%100
53	MP1B	X	-8.254	-8.254	0	%100
54	MP1B	Z	-4.765	-4.765	0	%100
55	MP2B	X	-8.254	-8.254	0	%100
56	MP2B	Z	-4.765	-4.765	0	%100
57	MP3B	X	-8.254	-8.254	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f	End Location[ft
58	MP3B	Z	-4.765	-4.765	0	%100
59	MP4B	X	-8.254	-8.254	0	%100
60	MP4B	Z	-4.765	-4.765	0	%100
61	MP3C	X	-8.254	-8.254	0	%100
62	MP3C	Z	-4.765	-4.765	0	%100
63	M61	X	-2.498	-2.498	0	%100
64	M61	Z	-1.442	-1.442	0	%100
65	M66	X	-2.498	-2.498	0	%100
66	M66	Z	-1.442	-1.442	0	%100
67	M71	X	-9.992	-9.992	0	%100
68	M71	Z	-5.769	-5.769	0	<u>%100</u>
69	M82	X	-3.165	-3.165	0	%100
70	M82	Z	-1.827	-1.827	0	%100
71	M83	X	-12.66	-12.66	0	%100
72	M83	Z	-7.309	-7.309	0	%100
73	M84	X	-3.165	-3.165	0	%100
74	M84	Z	-1.827	-1.827	0	%100
75	M86	X	-13.927	-13.927	0	%100
76	M86	Z	-8.041	-8.041	0	%100
77	M88	X	-13.927	-13.927	0	%100
78	M88	Z	-8.041	-8.041	0	%100
79	M90	X	-3.58	-3.58	0	%100
80	M90	Z	-2.067	-2.067	0	%100
81	MP4C	X	-8.254	-8.254	0	%100
82	MP4C	Z	-4.765	-4.765	0	%100
83	M95	X	-7.522	-7.522	0	%100
84	M95	Z	-4.343	-4.343	0	%100
85	M97	X	-7.522	-7.522	0	%100
86	M97	Z	-4.343	-4.343	0	%100
87	M99	X	-7.522	-7.522	0	%100
88	M99	Z	-4.343	-4.343	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f.	.End Location[ft.
1	M1	X	-7.524	-7.524	0	%100
2	M1	Z	-13.033	-13.033	0	%100
3	M2	X	-2.119	-2.119	0	%100
4	M2	Z	-3.67	-3.67	0	%100
5	M3	X	-7.524	-7.524	0	%100
6	M3	Z	-13.033	-13.033	0	%100
7	M4	X	-8.424	-8.424	0	%100
8	M4	Z	-14.591	-14.591	0	%100
9	M5	X	-1.429	-1.429	0	%100
10	M5	Ž	-2.476	-2.476	0	%100
11	M8	X	-1.859	-1.859	0	%100
12	M8	Z	-3.22	-3.22	0	%100
13	M9	X	0	0	0	%100
14	M9	Z	0	0	0	%100
15	M10	X	-2.093	-2.093	0	%100
16	M10	Z	-3.625	-3.625	0	%100
17	M11	X	0	0	0	%100
18	M11	Z	O E	0	0	%100
19	M12	X	-2.093	-2.093	0	%100
20	M12	Z	-3.625	-3.625	0	%100
21	M13	X	-5.718	-5.718	0	%100
22	M13	Z	-9.903	-9.903	Ö	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f	End Location(#
23	M16	X	-7.436	-7.436	0	%100
24	M16	Z	-12.88	-12.88	0	%100
25	M17	X	-7.524	-7.524	0	%100
26	M17	Z	-13.033	-13.033	Ö	%100
27	M18	X	-8.424	-8.424	0	%100
28	M18	Z	-14.591	-14.591	0	%100
29	M19	X	-7.524	-7.524	0	%100
30	M19	Z	-13.033	-13.033	0	%100
31	M20	X	-2.119	-2.119	0	%100
32	M20	Z	-3.67	-3.67	0	%100
33	M21	X	-1.429	-1.429	0	%100
34	M21	Ž	-2.476	-2.476	0	%100
35	M24	X	-1.859	-1.859	0	%100 %100
36	M24	Ż	-3.22	-3.22	0	%100 %100
37	MP1A	X	-4.765	-3.22 -4.765	0	%100 %100
38	MP1A	Z	-8.254	-4.765 -8.254		
39	MP2A	X	-4.765		0	%100
40	MP2A	Ž	-4.765 -8.254	-4.765	0	%100
41	MP3A	X		-8.254	0	%100
42	MP3A	Z	-4.765 -8.254	-4.765	0	%100
43	MP4A	X		-8.254	0	%100
44	MP4A		-4.765	-4.765	0	%100
45	MP1C	Z	-8.254	-8.254	0	%100
		X	-4.765	-4.765	0	%100
46	MP1C	Z	-8.254	-8.254	0	%100
47	MP2C	X	-4.765	-4.765	0	%100
48	MP2C	Z	-8.254	-8.254	0	%100
49	MP3CA	X	-4.765	-4.765	0	%100
50	MP3CA	Z	-8.254	-8.254	0	%100
51	MP4CA	X	-4.765	-4.765	0	%100
52	MP4CA	Z	-8.254	-8.254	0	%100
53	MP1B	X	-4.765	-4.765	0	%100
54	MP1B	Z	-8.254	-8.254	0	%100
55	MP2B	X	-4.765	-4.765	0	%100
56	MP2B	Z	-8.254	-8.254	0	%100
57	MP3B	X	-4.765	-4.765	0	%100
58	MP3B	Z	-8.254	-8.254	0	%100
59	MP4B	X	-4.765	-4.765	0	%100
60	MP4B	Z	-8.254	-8.254	0	%100
61	MP3C	X	-4.765	-4.765	0	%100
62	MP3C	Z	-8.254	-8.254	0	%100
63	M61	X	-4.326	-4.326	0	%100
64	M61	Z	-7.494	-7.494	0	%100
65	M66	X	0	0	0	%100
66	M66	Z	0	0	0	%100
67	M71	X	-4.326	-4.326	0	%100
68	M71	Z	-7.494	-7.494	0	%100
69	M82	Х	00	0	0	%100
70	M82	Z	0	0	0	%100
71	M83	X	-5.482	-5.482	0	%100
72	M83	Z	-9.495	-9.495	0	%100
73	M84	X	-5.482	-5.482	0	%100
74	M84	Z	-9.495	-9.495	0	%100
75	M86	X	-4.058	-4.058	0	%100
76	M86	Z	-7.029	-7.029	Ö	%100
77	M88	X	-10.032	-10.032	0	%100
78	M88	Z	-17.377	-17.377	ŏ	%100
79	M90	X	-4.058	-4.058	O	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f.	.End Location[ft
80	M90	7	-7.029	-7.029	0	%100
81	MP4C	X	-4.765	-4.765	0	%100
82	MP4C	7	-8.254	-8.254	0	%100
83	M95	X	-4.343	-4.343	0	%100
84	M95	7	-7.522	-7.522	0	%100
85	M97	X	-4.343	-4.343	0	%100
86	M97	7	-7.522	-7.522	0	%100
87	M99	X	-4.343	-4.343	0	%100
88	M99	Z	-7.522	-7.522	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]		End Location[ft
1	M1	X	0	0	0	%100
2	M1	Z	-5.83	-5.83	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	-3.593	-3.593	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	-5.83	-5.83	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	-3.593	-3.593	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	0	0	0	%100
11	M8	X	0	0	0	%100
12	M8	Z	0	0	0	%100
13	M9	X	0	0	0	%100
14	M9	Z	-1.458	-1.458	0	%100
15	M10	X	0	0	0	%100
16	M10	Z	-1.5e-5	-1.5e-5	0	%100
17	M11	X	0	0	0	%100
18	M11	Z	-1.458	-1.458	0	%100
19	M12	X	0	0	0	%100
20	M12	Z	-3.578	-3.578	0	%100
21	M13	X	0	0	0	%100
22	M13	Z	-2.548	-2.548	0	%100
23	M16	X	0	0	0	%100
24	M16	Z	-3.104	-3.104	0	%100
25	M17	X	0	0	0	%100
26	M17	Z	-1.458	-1.458	0	%100
27	M18	X	0	0	0	%100
28	M18	Z	-3.578	-3.578	0	%100
29	M19	X	0	0	0	%100
30	M19	Z	-1.458	-1.458	0	%100
31	M20	X	0	0	0	%100
32	M20	Z	-1.5e-5	-1.5e-5	0	%100
33	M21	X	0	0	0	%100
34	M21	Z	-2.548	-2.548	0	%100
35	M24	X	0	0	0	%100
36	M24	Z	-3.104	-3.104	0	%100
37	MP1A	X	0	0	0	%100
38	MP1A	Z	-3.844	-3.844	0	%100
39	MP2A	X	0	0	0	%100
40	MP2A	Z	-3.844	-3.844	0	%100
41	MP3A	X	0	0	0	%100
42	MP3A	Z	-3.844	-3.844	0	%100
43	MP4A	X	0	0	0	%100
44	MP4A	Z	-3.844	-3.844	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksfl	Start Location(End Location[ft.
45	MP1C	X	0	0	0	%100
46	MP1C	Z	-3.844	-3.844	Ö	%100
47	MP2C	X	0	0	0	%100
48	MP2C	Z	-3.844	-3.844	Ö	%100
49	MP3CA	X	0	0	0	%100
50	MP3CA	Z	-3.844	-3.844	0	%100
51	MP4CA	X	0	0	0	%100
52	MP4CA	Z	-3.844	-3.844	0	%100
53	MP1B	X	0	0	0	%100
54	MP1B	Z	-3.844	-3.844	0	%100
55	MP2B	X	0	0	0	%100
56	MP2B	Z	-3.844	-3.844	0	%100
57	MP3B	X	0	0	0	%100
58	MP3B	Z	-3.844	-3.844	0	%100
59	MP4B	X	0	0	0	%100
60	MP4B	Z	-3.844	-3.844	0	%100
61	MP3C	X	0	0	0	%100
62	MP3C	Z	-3.844	-3.844	0	%100
63	M61	X	0	0	0	%100
64	M61	Z	-4.35	-4.35	0	%100
65	M66	X	0	0	0	%100
66	M66	Z	-1.087	-1.087	0	%100
67	M71	X	0	0	0	%100
68	M71	Z	-1.087	-1.087	0	%100
69	M82	X	0	0	0	%100
70	M82	Z	-1.034	-1.034	0	%100
71	M83	X	0	0	0	%100
72	M83	Z	-1.034	-1.034	0	%100
73	M84	X	0	0	0	%100
74	M84	Z	-4.135	-4.135	0	%100
75	M86	X	0	0	0	%100
76	M86	Z	983	983	0	%100
77	M88	X	0	0	0	%100
78	M88	Z	-4.533	-4.533	0	1 %100
79	M90	X	0	0	0	%100
80	M90	Z	-4.533	-4.533	0	%100
81	MP4C	X	0	0	0	%100
82	MP4C	Z	-3.844	-3.844	0	%100
83	M95	X	0	0	0	%100
84	M95	Z	-3.387	-3.387	0	%100
85	M97	X	0	0	0	%100
86	M97	Z	-3.387	-3.387	0	%100
87	M99	X	0	0	0	%100
88	M99	Z	-3.387	-3.387	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Locationif.	.End Location[ft.
1	M1	X	2.186	2.186	0	%100
2	M1	Z	-3.787	-3.787	0	%100
3	M2	X	2.39	2.39	0	%100
4	M2	Z	-4.14	-4.14	0	%100
5	M3	X	2.186	2.186	0	%100
6	M3	Z	-3.787	-3.787	0	%100
7	M4	X	.601	.601	0	%100
8	M4	Z	-1.041	-1.041	0	%100
9	M5	Х	.425	.425	0	%100

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

Mem	ber Distribute	d Loads	<u>(BLC 54 : Structure Wi</u>	(30 Deg)) (Continued)		
0	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f.	.End Location[ft
10	M5	Z	735	735	0	%100
11	M8	X	.517	.517	0	%100
12	M8	Z	896	896	0	%100
13	M9	X	2.186	2.186	0	%100
14	M9	Z	-3.787	-3.787	0	%100
15	M10	X	.601	.601	0	%100
16	M10	Z	-1.041	-1.041	0	%100
17	M11	X	2.186	2.186	0	%100
18	M11	Z	-3.787	-3.787	0	%100
19	M12	X	2.39	2.39	0	%100
20	M12	Z	-4.14	-4.14	Ö	%100
		X	.425	.425	o o	%100
21	M13	Z	735	735	0	%100
22	M13	Z		.517	0	%100
23	M16	X	.517	896	0	%100
24	M16	Z	896		0	%100
25	M17	X	0	0	0	%100
26	M17	Z	0			%100
27	M18	X	.594	.594	0	
28	M18	Z	-1.029	-1.029	0	%100
29	M19	X	0	0	0	%100
30	M19	Z	0	0	0	%100
31	M20	X	.594	.594	0	%100
32	M20	Z	-1.029	-1.029	. 0	%100
33	M21	X	1.699	1.699	0	%100
34	M21	Z	-2.942	-2.942	0	%100
35	M24	X	2.069	2.069	0	%100
36	M24	Z	-3.584	-3.584	0	%100
37	MP1A	X	1.922	1.922	0	%100
38	MP1A	Z	-3.329	-3.329	0	%100
39	MP2A	X	1.922	1.922	0	%100
40	MP2A	Z	-3.329	-3.329	0	%100
41	МРЗА	X	1.922	1.922	0	%100
42	MP3A	Z	-3.329	-3.329	0	%100
43	MP4A	X	1.922	1.922	0	%100
44	MP4A	Z	-3.329	-3.329	0	%100
45	MP1C	X	1.922	1.922	0	%100
46	MP1C	Z	-3.329	-3.329	0	%100
47	MP2C	X	1.922	1.922	0	%100
48	MP2C	Z	-3.329	-3.329	0	%100
49	MP3CA	X	1.922	1.922	0	%100
50	MP3CA	Z	-3.329	-3.329	0	%100
		X	1.922	1.922	0	%100
51	MP4CA	Z	-3.329	-3.329	o o	%100
52	MP4CA		1.922	1.922	0	%100
53	MP1B	X	-3.329	-3.329	0	%100
54	MP1B			1.922	0	%100
55	MP2B	X	1.922	-3.329	0	%100 %100
56	MP2B	Z	-3.329	1.922	0	%100 %100
57	MP3B	X	1.922		0	%100 %100
58	MP3B	Z	-3.329	-3.329	0	%100
59	MP4B	X	1.922	1.922		%100 %100
60	MP4B		-3.329	-3.329	0	
61	MP3C	X	1.922	1.922	0	%100
62	MP3C		-3.329	-3.329	0	%100
63	M61	X	1.631	1.631	0	%100
64	M61	Z	-2.825	-2.825	0	%100
65	M66	X	1.631	1.631	0	%100
66	M66	Z	-2.825	-2.825	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F.ksf]	End Magnitude[lb/ft,F,ksf]	Start Location(f.	.End Location[ft
67	M71	X	0	0	0	%100
68	M71	Z	0	0	0	%100
69	M82	X	1.551	1.551	0	%100
70	M82	Z	-2.686	-2.686	0	%100
71	M83	X	0	0	0	%100
72	M83	Z	0	0	0	%100
73	M84	X	1.551	1.551	0	%100
74	M84	Z	-2.686	-2.686	0	%100
75	M86	X	1.083	1.083	0	%100
76	M86	Z	-1.876	-1.876	0	%100
77	M88	X	1.083	1.083	0	%100
78	M88	Z	-1.876	-1.876	0	%100
79	M90	X	2.858	2.858	0	%100
80	M90	Z	-4.95	-4.95	0	%100
81	MP4C	X	1.922	1.922	0	%100
82	MP4C	Z	-3.329	-3.329	0	%100
83	M95	X	1.694	1.694	0	%100
84	M95	Z	-2.934	-2.934	0	%100
85	M97	X	1.694	1.694	0	%100
86	M97	Z	-2.934	-2.934	0	%100
87	M99	X	1.694	1.694	0	%100
88	M99	Z	-2.934	-2.934	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location(f	.End Location[ft.
1	M1	X	1.262	1.262	O O	%100
2	M1	Z	729	729	Ö	%100
3	M2	X	3.099	3.099	0	%100
4	M2	Z	-1.789	-1,789	0	%100
5	M3	X	1.262	1.262	0	%100
6	M3	Z	729	729	Ŏ	%100
7	M4	X	1.3e-5	1.3e-5	0	%100
8	M4	Z	-7e-6	-7e-6	Ö	%100
9	M5	X	2.206	2.206	0	%100
10	M5	Z	-1.274	-1.274	0	%100
11	M8	X	2.688	2.688	0	%100
12	M8	Z	-1.552	-1.552	0	%100
13	M9	X	5.049	5.049	0	%100
14	M9	Z	-2.915	-2.915	0	%100
15	M10	X	3.111	3.111	0	%100
16	M10	Z	-1.796	-1.796	0	%100
17	M11	X	5.049	5.049	0	%100
18	M11	Z	-2.915	-2.915	0	%100
19	M12	X	3.111	3,111	0	%100
20	M12	Z	-1.796	-1.796	0	%100
21	M13	X	0	0	0	%100
22	M13	Z	0	0	0	%100
23	M16	X	0	0	0	%100
24	M16	Z	0	0	0	%100
25	M17	X	1.262	1.262	0	%100
26	M17	Z	729	729	0	%100
27	M18	X	1.3e-5	1.3e-5	0	%100
28	M18	Z	-7e-6	-7e-6	0	%100
29	M19	X	1.262	1.262	Ö	%100
30	M19	Z	729	729	0	%100
31	M20	X	3.099	3.099	0	%100



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

32 33	M420		Start Magnitude[lb/ft,F,ksf]		The second secon	End Location[ft
33	M20	Z	-1.789	-1.789	0	%100
OO	M21	X	2.206	2.206	0	%100
34	M21	Z	-1.274	-1.274	0	%100
35	M24	X	2.688	2.688	0	%100
36	M24	Z	-1.552	-1.552	0	%100
37	MP1A	X	3.329	3.329	0	%100
38	MP1A	Z	-1.922	-1.922	0	%100
39	MP2A	X	3.329	3.329	0	%100
40	MP2A	Z	-1.922	-1.922	0	%100
41	MP3A	X	3.329	3.329	0	%100
42	MP3A	Z	-1.922	-1.922	0	%100
43	MP4A	X	3.329	3.329	0	%100
44	MP4A	Z	-1.922	-1.922	0	%100
45	MP1C	X	3.329	3.329	0	%100
46	MP1C	Z	-1.922	-1.922	0	%100
47	MP2C	X	3.329	3.329	0	%100
48	MP2C	Z	-1.922	-1.922	0	%100
49	MP3CA	X	3.329	3.329	0	%100
50	MP3CA	Z	-1.922	-1.922	0	%100
51	MP4CA	X	3.329	3.329	0	%100
52	MP4CA	Z	-1.922	-1.922	0	%100
53	MP1B	X	3.329	3.329	0	%100
54	MP1B	Z	-1.922	-1.922	0	%100
	MP2B	X	3.329	3.329	0	%100
55		Z	-1.922	-1.922	Ŏ	%100
56	MP2B	X	3.329	3.329	0	%100
57	MP3B		-1.922	-1.922	0	%100
58	MP3B	Z	3.329	3.329	0	%100
59	MP4B	X		-1.922	0	%100
60	MP4B		-1.922	3.329	0	%100
61	MP3C	X	3.329	-1.922	0	%100
62	MP3C	Z	-1.922	.942	0	%100
63	M61	X	.942		0	%100
64	M61	Z	544	544 3.767	0	%100
65	M66	X	3.767	-2.175	0	%100
66	M66	Z	-2.175		0	%100
67	M71	X	.942	.942	0	%100
68	M71	Z	544	544	0	%100
69	M82	X	3.581	3.581		%100
70	M82	Z	-2.068	-2.068	0	
71	M83	X	.895	.895	0	%100 %100
72	M83	Z	517	517		
73	M84	X	.895	.895	0	%100
74	M84	Z	517	517	0	%100
75	M86	X	3.926	3.926	0	%100
76	M86	Z	-2.266	-2.266	0	%100
77	M88	X	.852	.852	0	%100
78	M88	Z	492	492	0	%100
79	M90	X	3.926	3.926	0	%100
80	M90	Z	-2.266	-2.266	0	%100
81	MP4C	X	3.329	3.329	0	%100
82	MP4C	Z	-1.922	-1.922	0	%100
83	M95	X	2.934	2.934	0	%100
84	M95	Z	-1.694	-1.694	0	%100
85	M97	X	2.934	2.934	0	%100
86	M97	Z	-1.694	-1.694	0	%100
87	M99	X	2.934	2.934	0	%100
88	M99	Z	-1.694	-1.694	0	%100



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

	Member Label M1	Direction X	Start Magnitude[lb/ft,F,ksf] 0	End Magnitude[lb/ft,F,ksf] 0	Start Location[f	End Location[ft. %100
2	M1	Z	Ŏ	0	0	%100
3	M2	X	1.188	1.188	0	%100 %100
4	M2	Z	0	0	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	1.188	1.188	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	3.397	3.397	0	%100
10	M5	Z	0.591	0		
11	M8	X	4.139	4.139	0	%100
12	M8	Z	4.139	4.139	0	%100
13	M9	X	4.373	4.373	0	%100
14	M9	Ž	4.573		0	%100
15	M10	X		0	0	%100
16	M10	Z	4.78	4.78	0	%100
17	M11	X	4 272	4 272	0	%100
18	M11	Z	4.373	4.373	0	%100
19	M12	X	1 202	1,000	0	%100
20	M12	Z	1.202	1.202	0	%100
21			0	0	0	%100
22	M13	X	.849	.849	0	%100
	M13	Z	0	0	0	%100
23	M16	X	1.035	1.035	0	%100
24	M16	Z	0	0	0	%100
25	M17	X	4.373	4.373	0	%100
26	M17	Z	0	0	0	%100
27	M18	X	1,202	1.202	0	%100
28	M18	Z	0	0	0	%100
29	M19	X	4.373	4.373	0	%100
30	M19	Z	0	0	0	%100
31	M20	X	4.78	4.78	0	%100
32	M20	Z	0	0	0	%100
33	M21	X	.849	.849	0	%100
34	M21	Z	0	0	0	%100
35	M24	X	1.035	1.035	0	%100
36	M24	Z	0		0	%100
37	MP1A	X	3.844	3.844	0	%100
38	MP1A	Z	0	0	0	%100
39	MP2A	X	3.844	3.844	0	%100
40	MP2A	Z	0	0	0	%100
41	MP3A	X	3.844	3.844	0	%100
42	MP3A	Z	0	0	0	%100
43	MP4A	X	3.844	3.844	0	%100
44	MP4A	Z	0	0	0	%100
45	MP1C	X	3.844	3.844	0	%100
46	MP1C	Z	0	0	0	%100
47	MP2C	X	3.844	3.844	0	%100
48	MP2C	Z	0	0	0	%100
49	MP3CA	X	3.844	3.844	0	%100
50	MP3CA	Z	0	0	Ö	%100
51	MP4CA	X	3.844	3.844	Ö	%100
52	MP4CA	Z	0	0	Ö	%100
53	MP1B	X	3.844	3.844	0	%100
54	MP1B	Ž	0	0	Ŏ	%100
55	MP2B	X	3.844	3.844	0	%100 %100
56	MP2B	Z	0	0	Ö	%100



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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f.	.End Location[ft
58	MP3B	Z	0	0	0	%100
59	MP4B	X	3.844	3.844	0	%100
60	MP4B	Z	0	0	0	%100
61	MP3C	X	3.844	3.844	0	%100
62	MP3C	Z	0	0	0	%100
63	M61	X	0	0	0	%100
64	M61	Z	0	0	0	%100
65	M66	X	3.262	3.262	0	%100
66	M66	Z	0	0	0	%100
67	M71	X	3.262	3.262	0	%100
68	M71	Z	0	0	0	%100
69	M82	X	3.101	3.101	0	%100
70	M82	Z	0	0	0	%100
71	M83	X	3.101	3.101	0	%100
72	M83	Z	0	0	0	%100
73	M84	X	0	0	0	%100
74	M84	Z	0	0	0	%100
75	M86	X	5.716	5.716	0	%100
76	M86	Z	0	0	0	%100
77	M88	X	2.166	2.166	0	%100
78	M88	Z	0	0	0	%100
79	M90	X	2.166	2.166	0	%100
80	M90	Z	0	0	0	%100
81	MP4C	X	3.844	3.844	0	%100
82	MP4C	Z	0	0	0	%100
83	M95	X	3.387	3.387	0	%100
84	M95	Z	0	0	0	%100
85	M97	X	3.387	3.387	0	%100
86	M97	Z	0	0	0	%100
87	M99	X	3.387	3.387	0	%100
88	M99	7	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f	.End Location[ft.
1	M1	X	1.262	1.262	0	%100
2	M1	Z	.729	.729	0	%100
3	M2	X	1.3e-5	1.3e-5	0	%100
4	M2	Z	7e-6	7e-6	0	%100
5	M3	X	1.262	1.262	0	%100
6	M3	Z	.729	.729	0	%100
7	M4	X	3.099	3.099	0	%100
8	M4	Ž	1.789	1.789	0	%100
9	M5	X	2.206	2.206	0	%100
10	M5	Ž	1.274	1.274	0	%100
11	M8	X	2.688	2.688	0	%100
12	M8	Z	1.552	1.552	0	%100
13	M9	X	1.262	1.262	0	%100
14	M9	Z	.729	.729	0	%100
15	M10	X	3.099	3.099	0	%100
16	M10	Z	1.789	1.789	0	%100
17	M11	X	1.262	1.262	0	%100
18	M11	Z	.729	.729	0	%100
19	M12	X	1.3e-5	1.3e-5	0	%100
20	M12	Z	7e-6	7e-6	0	%100
21	M13	X	2.206	2.206	0	%100
22	M13	Z	1.274	1.274	Ö	%100



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

	Member Label	Direction	Start Magnitude[lb/ft,F.ksf]	End Magnitude[lb/ft,F,ksf]	Ctart Lagation[6	Cod Location (6)
23	M16	X	2.688	2.688	O Start Location[End Location[ft. %100
24	M16	Z	1.552	1.552	0	%100
25	M17	X	5.049	5.049	0	%100
26	M17	Ž	2.915	2.915	0	%100
27	M18	X	3.111	3.111	0	%100
28	M18	Z	1.796	1.796	0	
29	M19	X	5.049	5.049		%100
30	M19	Z	2.915		0	%100
31	M20	X		2.915	0	%100
32	M20		3.111	3.111	0	%100
33	M21	Z	1.796	1.796	0	%100
34	M21	X	0	0	0	%100
35			0	0	0	%100
	M24	X	0	0	0	%100
36	M24	Z	0	0	0	%100
37	MP1A	X	3.329	3.329	0	%100
38	MP1A	Z	1.922	1.922	0	%100
39	MP2A	X	3.329	3.329	0	%100
40	MP2A	Z	1.922	1.922	0	%100
41	MP3A	X	3.329	3.329	0	%100
42	MP3A	Z	1.922	1.922	0	%100
43	MP4A	X	3.329	3.329	0	%100
44	MP4A	Z	1.922	1.922	0	%100
45	MP1C	X	3.329	3.329	0	%100
46	MP1C	Z	1.922	1.922	0	%100
47	MP2C	X	3.329	3.329	0	%100
48	MP2C	Z	1.922	1.922	0	%100
49	MP3CA	X	3.329	3.329	0	%100
50	MP3CA	Z	1.922	1.922	0	%100
51	MP4CA	X	3.329	3.329	0	%100
52	MP4CA	Z	1.922	1.922	0	%100
53	MP1B	X	3.329	3.329	0	%100
54	MP1B	Z	1.922	1.922	0	%100
55	MP2B	X	3.329	3.329	0	%100
56	MP2B	Z	1.922	1.922	0	%100
57	MP3B	X	3.329	3.329	0	%100
58	MP3B	Z	1.922	1.922	0	%100
59	MP4B	X	3.329	3.329	0	%100
60	MP4B	Z	1.922	1.922	0	%100
61	MP3C	X	3.329	3.329	0	%100
62	MP3C	Z	1.922	1.922	0	%100
63	M61	X	.942	.942	0	%100
64	M61	Z	.544	.544	0	%100
65	M66	X	.942	.942	0	%100
66	M66		.544	.544	0	%100
67	M71	X	3.767	3.767	0	%100
68	M71	Z	2.175	2.175	0	%100
69	M82	X	.895	.895	0	%100
70	M82	Z	.517	.517	0	%100
71	M83	X	3.581	3.581	- 0	%100
72	M83	Z	2.068	2.068	0	%100
73	M84	X	.895	.895	0	%100
74	M84	Z	.517	.517	0	%100
75	M86	X	3.926	3.926	0	%100
76	M86	Z	2.266	2.266	0	%100
77	M88	X	3.926	3.926	0	%100
78	M88	Z	2.266	2.266	0	%100
79	M90	X	.852	.852	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f.	.End Location[ft
80	M90	Z	.492	.492	0	%100
81	MP4C	X	3.329	3.329	0	%100
82	MP4C	Z	1.922	1.922	0	%100
83	M95	X	2.934	2.934	0	%100
84	M95	7	1.694	1.694	0	%100
85	M97	X	2.934	2.934	0	%100
86	M97	7	1.694	1.694	0	%100
87	M99	X	2.934	2.934	0	%100
88	M99	Z	1.694	1.694	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f	End Location[f
1	M1	X	2.186	2.186	0	%100
2	M1	Z	3.787	3.787	0	%100
3	M2	X	.601	.601	0	%100
4	M2	Z	1.041	1.041	0	%100
5	M3	X	2.186	2.186	0	%100
6	M3	Z	3.787	3.787	0	%100
7	M4	X	2.39	2.39	0	%100
8	M4	Z	4.14	4.14	0	%100
9	M5	X	.425	.425	0	%100
10	M5	Z	.735	.735	0	%100
11	M8	X	.517	.517	0	%100
12	M8	Z	.896	.896	0	%100
13	M9	X	0	0	0	%100
14	M9	Z	0	0	0	%100
15	M10	X	.594	.594	0	%100
16	M10	Z	1.029	1.029	0	%100
17	M11	X	0	0	0	%100
18	M11	Z	0	0	0	%100
19	M12	X	.594	.594	0	%100
20	M12	Z	1.029	1.029	0	%100
21	M13	X	1.699	1.699	0	%100
22	M13	Z	2.942	2.942	0	%100
23	M16	X	2.069	2.069	0	%100
24	M16	Z	3.584	3.584	0	%100
25	M17	X	2.186	2.186	0	%100
26	M17	Z	3.787	3.787	0	%100
27	M18	X	2.39	2.39	0	%100
28	M18	Z	4.14	4.14	0	%100
29	M19	X	2.186	2.186	0	%100
30	M19	Z	3.787	3.787	0	%100
31	M20	X	.601	.601	0	%100
32	M20	Z	1.041	1.041	0	%100
33	M21	X	.425	.425	0	%100
34	M21	Z	.735	.735	0	%100
35	M24	X	.517	.517	0	%100
36	M24	Z	.896	.896	0	%100
37	MP1A	X	1.922	1.922	Ö	%100
38	MP1A	Ž	3.329	3.329	Ö	%100
39	MP2A	X	1.922	1.922	0	%100
40	MP2A	Z	3.329	3.329	0	%100
41	MP3A	X	1.922	1.922	0	%100
42	MP3A	Ž	3.329	3.329	Ö	%100
42	MP4A	X	1.922	1.922	0	%100
44	MP4A	Z	3.329	3.329	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start LocationIf.	.End Location[ft.
45	MP1C	X	1.922	1.922	0	%100
46	MP1C	Z	3.329	3.329	0	%100
47	MP2C	X	1.922	1.922	0	%100
48	MP2C	Z	3.329	3.329	0	%100
49	MP3CA	X	1.922	1.922	0	%100
50	MP3CA	Z	3.329	3.329	0	%100
51	MP4CA	X	1.922	1.922	0	%100
52	MP4CA	Z	3.329	3.329	0	%100
53	MP1B	X	1.922	1.922	0	%100
54	MP1B	Z	3.329	3.329	0	%100
55	MP2B	X	1.922	1.922	0	%100
56	MP2B	Z	3.329	3.329	0	%100
57	MP3B	X	1.922	1.922	0	%100
58	MP3B	Z	3.329	3.329	0	%100
59	MP4B	X	1.922	1.922	0	%100
60	MP4B	Z	3.329	3.329	0	%100
61	MP3C	X	1.922	1.922	0	%100
62	MP3C	Z	3.329	3.329	0	%100
63	M61	X	1.631	1.631	0	%100
64	M61	Z	2.825	2.825	0	%100
65	M66	X	0	0	0	%100
66	M66	Z	0	0	0	%100
67	M71	X	1.631	1.631	0	%100
68	M71	Z	2.825	2.825	0	%100
69	M82	X	0	0	0	%100
70	M82	Z	0	0	0	%100
71	M83	X	1.551	1.551	0	%100
72	M83	Z	2.686	2.686	0	%100
73	M84	X	1.551	1.551	0	%100
74	M84	Z	2.686	2.686	0	%100
75	M86	X	1.083	1.083	0	%100
76	M86	Z	1.876	1.876	0	%100
77	M88	X	2.858	2.858	0	%100
78	M88	Z	4.95	4.95	0	%100
79	M90	X	1.083	1.083	0	%100
80	M90	Z	1.876	1.876	0	%100
81	MP4C	X	1.922	1.922	0	%100
82	MP4C	Z	3.329	3.329	0	%100
83	M95	X	1.694	1.694	0	%100
84	M95	Z	2.934	2.934	0	%100
85	M97	X	1.694	1.694	0	%100
86	M97	Z	2.934	2.934	Ö	%100
87	M99	X	1.694	1.694	0	%100
88	M99	Z	2.934	2.934	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f.	.End Location[ft.
1	M1	X	0	0	0	%100
2	M1	Z	5.83	5.83	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	3.593	3.593	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	5.83	5.83	0	%100
7	M4	- X	0	0	0	%100
8	M4	Z	3.593	3.593	0	%100
9	M5	X	0	0	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]		End Location[ft.
10	M5	Z	0	0	0	%100 %100
11	M8	X	0	0	0	%100 %100
12	M8	Z	0	0	0	%100
13	M9	X	0	0	0	%100 %100
14	M9	Z	1.458	1,458	0	%100 %100
15	M10	X	0	0	0	%100
16	M10	Z	1.5e-5	1.5e-5	0	%100 %100
17	M11	X	0	0	0	
18	M11	Z	1.458	1.458	0	%100
19	M12	X	0	0	0	%100
20	M12	Z	3.578	3.578	0	%100 %100
21	M13	X	0	0	0	
22	M13	Z	2.548	2.548	0	%100
23	M16	X	0	0	0	%100
24	M16	Z	3.104	3.104	0	%100
25	M17	X	0	0	0	%100
26	M17	Z	1.458	1.458	0	%100
27	M18	X	0	0	0	%100
28	M18	Z	3.578	3.578	0	%100
29	M19	X	0	0	0	%100
30	M19	Z	1.458	1.458	0	%100
31	M20	X	0	0	0	%100
32	M20	Z	1.5e-5	1.5e-5	0	%100
33	M21	X	0	0	0	%100
34	M21	Z	2.548	2.548	0	%100
35	M24	X	0	0	0	%100
36	M24	Z	3.104	3.104	0	%100
37	MP1A	X	0	0	0	%100
38	MP1A	Z	3.844	3.844	0	%100
39	MP2A	X	0	0	0	%100
40	MP2A	Z	3.844	3.844	0	%100
41	MP3A	X	0	0	0	%100
42	MP3A	Z	3.844	3.844	0	%100
43	MP4A	X	0	0	0	%100
44	MP4A	Z	3.844	3.844	0	%100
45	MP1C	X	0	0	0	%100
46	MP1C	Z	3.844	3.844	0	%100
47	MP2C	X	0	0	0	%100
48	MP2C	Z	3.844	3.844	0	%100
49	MP3CA	X	0	0	0	%100
50	MP3CA	Z	3.844	3.844	0	%100
51	MP4CA	X	0	0	0	%100
52	MP4CA	Z	3.844	3.844	0	%100
53	MP1B	X	0	0	0	%100
54	MP1B	Z	3.844	3.844	0	%100
55	MP2B	X	0	0	0	%100
56	MP2B	Z	3.844	3.844	0	%100
57	MP3B	X	0	0	0	%100
58	MP3B	Z	3.844	3.844	0	%100
59	MP4B	X	0	0	0	%100
60	MP4B	Z	3.844	3.844	0	%100
61	MP3C	X	0	0	0	%100
62	MP3C	Z	3.844	3.844	0	%100
63	M61	X	0	0	0	%100
64	M61	Z	4.35	4.35	0	%100
65	M66	X	0	0	0	%100
66	M66	Z	1.087	1.087	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location(f.	.End Location[ft
67	M71	X	0	0	0	%100
68	M71	Z	1.087	1.087	0	%100
69	M82	X	0	0	0	%100
70	M82	Z	1.034	1.034	0	%100
71	M83	X	0	0	0	%100
72	M83	Z	1.034	1.034	0	%100
73	M84	X	0	0	0	%100
74	M84	Z	4.135	4.135	0	%100
75	M86	X	0	0	0	%100
76	M86	Z	.983	.983	0	%100
77	M88	X	0	0	0	%100
78	M88	Z	4.533	4.533	0	%100
79	M90	X	0	0	0	%100
80	M90	Z	4.533	4.533	0	%100
81	MP4C	X	0	0	0	%100
82	MP4C	Z	3.844	3.844	0	%100
83	M95	X	0	0	0	%100
84	M95	Z	3.387	3.387	0	%100
85	M97	X	0	0	0	%100
86	M97	Z	3.387	3.387	0	%100
87	M99	X	0	0	0	%100
88	M99	Z	3.387	3.387	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f.	.End Location[ft
1	M1	X	-2.186	-2.186	0	%100
2	M1	Z	3.787	3.787	0	%100
3	M2	X	-2.39	-2.39	0	%100
4	M2	Z	4.14	4.14	0	%100
5	M3	X	-2.186	-2.186	0	%100
6	M3	Z	3.787	3.787	0	%100
7	M4	X	601	601	0	%100
8	M4	Z	1.041	1.041	0	%100
9	M5	X	425	425	0	%100
10	M5	Z	.735	.735	0	%100
11	M8	X	517	517	0	%100
12	M8	Z	.896	.896	0	%100
13	M9	X	-2.186	-2.186	0	%100
14	M9	Z	3.787	3.787	0	%100
15	M10	X	601	601	0	%100
16	M10	Z	1.041	1.041	0	%100
17	M11	X	-2.186	-2.186	0	%100
18	M11	Z	3.787	3.787	0	%100
19	M12	X	-2.39	-2.39	0	%100
20	M12	Z	4.14	4.14	0	%100
21	M13	X	425	425	0	%100
22	M13	Z	.735	.735	0	%100
23	M16	X	517	517	0	%100
24	M16	Z	.896	.896	0	%100
25	M17	X	0	0	0	%100
26	M17	Z	0	0	0	%100
27	M18	X	594	594	0	%100
28	M18	Z	1.029	1.029	0	%100
29	M19	X	0	0	0	%100
30	M19	Z	0	0	0	%100
31	M20	X	594	594	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f.	End Location[ft
32	M20	Z	1.029	1.029	0	%100
33	M21	X	-1.699	-1.699	0	%100
34	M21	Z	2.942	2.942	0	%100
35	M24	Х	-2.069	-2.069	0	%100
36	M24	Z	3.584	3.584	0	%100
37	MP1A	X	-1.922	-1.922	0	%100
38	MP1A	Z	3.329	3.329	0	%100
39	MP2A	X	-1.922	-1.922	0	%100
40	MP2A	Z	3.329	3.329	0	%100
41	MP3A	X	-1.922	-1.922	0	%100
42	MP3A	Z	3.329	3.329	0	%100
43	MP4A	X	-1.922	-1.922	0	%100
44	MP4A	Z	3.329	3.329	0	%100
45	MP1C	X	-1.922	-1.922	0	%100
46	MP1C	Z	3.329	3.329	0	%100
47	MP2C	X	-1.922	-1.922	0	%100
48	MP2C	Z	3.329	3.329	0	%100
49	MP3CA	X	-1.922	-1.922	0	%100
50	MP3CA	Z	3.329	3.329	0	%100
51	MP4CA	X	-1.922	-1.922	0	%100
52	MP4CA	Z	3.329	3.329	0	%100
53	MP1B	X	-1.922	-1.922	0	%100
54	MP1B	Z	3.329	3.329	0	%100
55	MP2B	X	-1.922	-1.922	0	%100
56	MP2B	Z	3.329	3.329	0	%100
57	MP3B	X	-1.922	-1.922	Ö	%100
58	MP3B	Z	3.329	3.329	Ö	%100
59	MP4B	X	-1.922	-1.922	0	%100
60	MP4B	Z	3.329	3.329	0	%100
61	MP3C	X	-1.922	-1.922	0	%100
62	MP3C	Z	3.329	3.329	0	%100
63	M61	X	-1.631	-1.631	0	%100
64	M61	Z	2.825	2.825	0	%100
65	M66	X	-1.631	-1.631	0	%100
66	M66	Z	2.825	2.825	0	%100
67	M71	X	0	0	Ö	%100
68	M71	Z	Ö	0	0	%100
69	M82	X	-1.551	-1.551	Ö	%100
	M82	Z	2.686	2.686	0	%100
70 71	M83	X	0	0	0	%100
72	M83	Z	0	0	0	%100
73	M84	X	-1.551	-1.551	0	%100
	1.10.1	Z	2.686	2.686	0	%100
74 75	M84 M86	X	-1.083	-1.083	0	%100
	M86	Z	1.876	1.876	Ö	%100
76 77	M88	X	-1.083	-1.083	0	%100
	M88	Z	1.876	1.876	o o	%100
78		X	-2.858	-2.858	0	%100
79	M90	Z	4.95	4.95	Ö	%100
80	M90		-1.922	-1.922	0	%100
81	MP4C	X	3.329	3.329	0	%100
82	MP4C			-1.694	0	%100
83	M95	X	-1.694	2.934	0	%100 %100
84	M95	Z	2.934	-1.694	0	%100 %100
85	M97	X	-1.694	2.934	0	%100 %100
86	M97	Z	2.934	-1.694	0	%100 %100
87	M99	X	-1.694	2.934	0	%100
88	M99		2.934	4.534		/6100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]		End Location[ft
1	M1	X	-1.262	-1.262	0	%100
2	M1	Z	.729	.729	0	%100
3	M2	X	-3.099	-3.099	0	%100
4	M2	Z	1.789	1.789	0	%100
5	M3	X	-1.262	-1.262	0	%100
6	M3	Z	.729	.729	0	%100
7	M4	X	-1.3e-5	-1.3e-5	0	%100
8	M4	Z	7e-6	7e-6	0	%100
9	M5	X	-2.206	-2.206	0	%100
10	M5	Z	1,274	1.274	0	%100
11	M8	X	-2.688	-2.688	0	%100
12	M8	Z	1.552	1.552	0	%100
13	M9	X	-5.049	-5.049	0	%100
14	M9	Z	2.915	2.915	0	%100
15	M10	X	-3.111	-3.111	0	%100
16	M10	Z	1.796	1.796	0	%100
17	M11	X	-5.049	-5.049	0	%100
18	M11	Z	2.915	2.915	0	%100
19	M12	X	-3.111	-3.111	0	%100
20	M12	Z	1.796	1.796	0	%100
21	M13	X	0	0	0	%100
22	M13	Z	0	0	0	%100
23	M16	X	0	0	0	%100
24	M16	Z	0	0 -	0	%100
25	M17	X	-1.262	-1.262	0	%100
26	M17	Z	.729	.729	0	%100
27	M18	X	-1.3e-5	-1.3e-5	0	%100
28	M18	Z	7e-6	7e-6	0	%100
29	M19	X	-1.262	-1.262	00	%100
30	M19	Z	.729	.729	0	%100
31	M20	X	-3.099	-3.099	0	%100
32	M20	Z	1.789	1.789	0	%100
33	M21	X	-2.206	-2.206	0	%100
34	M21	Z	1.274	1.274	0	%100
35	M24	X	-2.688	-2.688	0	%100
36	M24	Z	1.552	1.552	0	%100
37	MP1A	X	-3.329	-3.329	0	%100
38	MP1A	Z	1.922	1.922	0	%100
39 40	MP2A	X	-3.329	-3.329	0	%100
	MP2A	Z	1.922	1.922	0	%100
41	MP3A	X	-3.329	-3.329	0	%100
42	MP3A	Z	1.922	1.922	0	%100
43	MP4A	X	-3.329	-3.329	0	%100
45	MP4A MP1C		1.922	1.922	0	%100
46	MP1C	X	-3.329 1.922	-3.329	0	%100
47				1.922	0	%100
48	MP2C MP2C	X	-3.329	-3.329	0	%100
48	MP3CA		1.922	1.922	0	%100
50	MP3CA	X	-3.329 1.922	-3.329	0	%100
51	MP4CA	X		1.922	0	%100
52	MP4CA	Z	-3.329	-3.329	0	%100
53	MP1B	X	1.922 -3.329	1.922 -3.329	0	%100
54	MP1B	Z	-3.329 1.922		0	%100
55				1.922		%100
56	MP2B MP2B	Z	-3.329	-3.329	0	%100
57			1.922	1.922	0	%100
3/	MP3B	X	-3.329	-3.329	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f	End Location[ft
58	MP3B	Z	1.922	1.922	0	%100
59	MP4B	X	-3.329	-3.329	0	%100
60	MP4B	Z	1.922	1.922	0	%100
61	MP3C	X	-3.329	-3.329	0	%100
62	MP3C	Z	1.922	1.922	0	%100
63	M61	X	942	942	0	%100
64	M61	Z	.544	.544	0	%100
65	M66	X	-3.767	-3.767	0	%100
66	M66	Z	2.175	2.175	0	%100
67	M71	X	942	942	0	%100
68	M71	Z	.544	.544	0	%100
69	M82	X	-3.581	-3.581	0	%100
70	M82	Z	2.068	2.068	0	%100
71	M83	X	895	895	0	%100
72	M83	Z	.517	.517	0	%100
73	M84	X	895	895	0	%100
74	M84	Z	.517	.517	0	%100
75	M86	X	-3.926	-3.926	0	%100
76	M86	Z	2.266	2.266	0	%100
77	M88	X	852	852	0	%100
78	M88	Z	.492	.492	0	%100
79	M90	X	-3.926	-3.926	0	%100
80	M90	Z	2.266	2.266	0	%100
81	MP4C	X	-3.329	-3.329	0	%100
82	MP4C	Z	1.922	1.922	0	%100
83	M95	X	-2.934	-2.934	0	%100
84	M95	Z	1.694	1.694	0	%100
85	M97	X	-2.934	-2.934	0	%100
86	M97	Z	1.694	1.694	0	%100
87	M99	X	-2.934	-2.934	0	%100
88	M99	Z	1.694	1.694	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f	.End Location[ft.
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	-1.188	-1.188	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	-1.188	-1.188	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	-3.397	-3.397	0	%100
10	M5	Z	0	0	0	%100
11	M8	X	-4.139	-4.139	0	%100
12	M8	Z	0	0	0	%100
13	M9	X	-4.373	-4.373	0	%100
14	M9	Z	0	0	0	%100
15	M10	X	-4.78	-4.78	0	%100
16	M10	Z	0	0	0	%100
17	M11	X	-4.373	-4.373	0	%100
18	M11	Z	0	0	0	%100
19	M12	X	-1,202	-1.202	0	%100
20	M12	Z	0	0	0	%100
21	M13	X	849	849	0	%100
22	M13	7	0	0	0	%100

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

			(BLC 02 . Structure Wi	TET O D OG// TO OTHER CO	41	
	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f.	.End Location[ft
23	M16	X	-1.035	-1.035	0	%100
24	M16	Z	0	0	0	%100
25	M17	X	-4.373	-4.373	0	%100
26	M17	Z	0	0	0	%100
27	M18	X.	-1.202	-1.202	0	%100
28	M18	Z	0	0	0	%100
29	M19	X	-4.373	-4.373	0	%100
30	M19	Z	-4.573	-4.573	0	%100
31	M20	X	-4.78	-4.78		
32	M20				0	%100
		Z	0	0	0	%100
33	M21	X	849	849	0	%100
34	M21	Z	0	0	0	%100
35	M24	X	-1.035	-1.035	0	%100
36	M24	Z	0	0	0	%100
37	MP1A	X	-3.844	-3.844	0	%100
38	MP1A	Z	0	0	0	%100
39	MP2A	X	-3.844	-3.844	0	%100
40	MP2A	Z	0	0	0	%100
41	MP3A	X	-3.844	-3.844	0	%100
42	MP3A	Z	0	0	0	%100
43	MP4A	X	-3.844	-3.844	0	%100
44	MP4A	Z	0	-5:644	0	%100
45	MP1C	X	-3.844	-3.844	0	%100
46	MP1C	Ž	-3.044	-3.044		
47	MP2C	X			0	%100
			-3.844	-3.844	0	%100
48	MP2C	Z	0	0	0	%100
49	MP3CA	X	-3.844	-3.844	0	%100
50	MP3CA	Z	0	0	0	%100
51	MP4CA	X	-3.844	-3.844	0	%100
52	MP4CA	Z	0	0	0	%100
53	MP1B	X	-3.844	-3.844	0	%100
54	MP1B	Z	0	0	0	%100
55	MP2B	X	-3.844	-3.844	0	%100
56	MP2B	Z	0	0	0	%100
57	MP3B	X	-3.844	-3.844	0	%100
58	MP3B	Z	0	0	Ŏ	%100
59	MP4B	X	-3.844	-3.844	0	%100
60	MP4B	Z	0	-5.844	0	%100
61	MP3C	X				
62	MP3C	Z	-3.844	-3.844	0	%100
			0	0	0	%100
63	M61	X	0	0	0	%100
64	M61	Z	0	0	0	%100
65	M66	X	-3.262	-3.262	0	%100
66	M66	Z	0	0	0	%100
67	M71	X	-3.262	-3.262	0	%100
68	M71	Z	0	0	0	%100
69	M82	X	-3.101	-3.101	0	%100
70	M82	Z	0	0	0	%100
71	M83	X	-3.101	-3.101	Ŏ	%100
72	M83	Z	0	0	o o	%100
73	M84	X	0	0	0	%100
74	M84	Ž	0	0	0	
75	M86	X	-5.716			%100
		Ž		-5.716	0	%100
76	M86		0 100	0	0	%100
77	M88	X	-2.166	-2.166	0	%100
78	M88	Z	0	0	0	%100
79	M90	X	-2.166	-2.166	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f.	.End Location[ft.
80	M90	Z	0	0	0	%100
81	MP4C	X	-3.844	-3.844	0	%100
82	MP4C	Z	0	0	0	%100
83	M95	X	-3.387	-3.387	0	%100
84	M95	Z	0	0	0	%100
85	M97	X	-3.387	-3.387	0	%100
86	M97	Z	0	0	0	%100
87	M99	X	-3.387	-3.387	0	%100
88	M99	7	0	0	0	%100

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

- 1	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f.	
1	M1	X	-1.262	-1.262	0	%100
2	M1	Z	729	729	0	%100
3	M2	X	-1.3e-5	-1.3e-5	0	%100
4	M2	Z	-7e-6	-7e-6	0	%100
5	M3	X	-1.262	-1.262	0	%100
6	M3	Z	729	729	0	%100
7	M4	X	-3.099	-3.099	0	%100
8	M4	Z	-1.789	-1.789	0	%100
9	M5	X	-2.206	-2.206	0	%100
10	M5	Z	-1.274	-1.274	0	%100
11	M8	X	-2.688	-2.688	0	%100
12	M8	Z	-1.552	-1.552	0	%100
13	M9	X	-1.262	-1.262	0	%100
14	M9	Z	729	729	0	%100
15	M10	X	-3.099	-3.099	0	%100
16	M10	Z	-1.789	-1.789	0	%100
17	M11	X	-1.262	-1.262	0	%100
18	M11	Z	729	729	0	%100
19	M12	X	-1.3e-5	-1.3e-5	0	%100
20	M12	Z	-7e-6	-7e-6	0	%100
21	M13	X	-2.206	- 2.206	0	%100
22	M13	Z	-1.274	-1.274	0	%100
23	M16	X	-2.688	-2.688	0	%100
24	M16	Z	-1.552	-1.552	0	%100
25	M17	X	-5.049	-5.049	0	%100
26	M17	Z	-2.915	-2.915	0	%100
27	M18	X	-3.111	-3.111	0	%100
28	M18	Z	-1.796	-1.796	0	%100
29	M19	X	-5.049	-5.049	0	%100
30	M19	Z	-2.915	-2.915	0	%100
31	M20	X	-3.111	-3.111	0	%100
32	M20	Z	-1.796	-1.796	0	%100
33	M21	X	0	0	0	%100
34	M21	Z	0	0	0	%100
35	M24	X	0	0	0	%100
36	M24	Z	0	0	0	%100
37	MP1A	X	-3.329	-3.329	0	%100
38	MP1A	Z	-1.922	-1.922	0	%100
39	MP2A	X	-3.329	-3.329	0	%100
40	MP2A	Z	-1.922	-1.922	0	%100
41	MP3A	X	-3.329	-3.329	0	%100
42	МРЗА	Ž	-1.922	-1.922	0	%100
43	MP4A	X	-3.329	-3.329	0	%100
44	MP4A	Z	-1.922	-1.922	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location(f	End Location[ft
45	MP1C	X	-3.329	-3.329	0	%100
46	MP1C	Z	-1.922	-1.922	0	%100
47	MP2C	X	-3.329	-3.329	0	%100
48	MP2C	Z	-1.922	-1.922	0	%100
49	MP3CA	X	-3.329	-3.329	0	%100
50	MP3CA	Z	-1.922	-1.922	0	%100
51	MP4CA	X	-3.329	-3.329	0	%100
52	MP4CA	Z	-1.922	-1.922	0	%100
53	MP1B	X	-3.329	-3.329	0	%100
54	MP1B	Z	-1.922	-1.922	0	%100
55	MP2B	X	-3.329	-3.329	0	%100
56	MP2B	Z	-1.922	-1.922	0	%100
57	MP3B	X	-3.329	-3.329	0	%100
58	MP3B	Z	-1.922	-1.922	0	%100
59	MP4B	X	-3.329	-3.329	0	%100
60	MP4B	Z	-1.922	-1.922	0	%100
61	MP3C	X	-3.329	-3.329	0	%100
62	MP3C	Z	-1.922	-1.922	0	%100
63	M61	X	942	942	0	%100
64	M61	Z	544	544	0	%100
65	M66	X	942	942	0	%100
66	M66	Z	544	544	Ö	%100
67	M71	X	-3.767	-3.767	0	%100
68	M71	Z	-2.175	-2.175	0	%100
69	M82	X	895	895	0	%100
70	M82	Z	-,517	517	0	%100
71	M83	X	-3.581	-3.581	0	%100
72	M83	Z	-2.068	-2.068	0	%100
73	M84	X	895	895	0	%100
74	M84	Z	517	517	0	%100
75	M86	X	-3.926	-3.926	0	%100
76	M86	Z	-2.266	-2.266	0	%100
77	M88	X	-3.926	-3.926	0	%100
78	M88	Z	-2.266	-2.266	0	%100
79	M90	X	852	852	0	%100
80	M90	Z	492	492	Ö	%100
81	MP4C	X	-3.329	-3.329	0	%100
82	MP4C	Z	-1.922	-1.922	0	%100
83	M95	X	-2.934	-2.934	0	%100
84	M95	Z	-1.694	-1.694	0	%100
85	M97	X	-2.934	-2.934	0	%100
86	M97	Z	-1.694	-1.694	0	%100
87	M99	X	-2.934	-2.934	0	%100
88	M99	Z	-1.694	-1.694	Ö	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f.	.End Location[ft
1	M1	X	-2.186	-2.186	0	%100
2	M1	Z	-3.787	-3.787	0	%100
3	M2	X	601	601	0	%100
4	M2	Z	-1.041	-1.041	0	%100
5	M3	X	-2.186	-2.186	0	%100
6	M3	Z	-3.787	-3.787	0	%100
7	M4	X	-2.39	-2.39	0	%100
8	M4	Z	-4.14	-4.14	0	%100
9	M5	X	425	425	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]		End Location[ft
10	M5	Z	735	735	0	%100 %100
11	M8	X	517	517	0	%100 %100
12	M8	Z	896	896	0	%100
13	M9	X	0	0	0	%100 %100
14	M9	Z	0	0	0	
15	M10	X	594	594	0	%100
16	M10	Z	-1.029	-1.029	0	%100
17	M11	X	0	0	0	%100
18	M11	Z	0	0	0	%100
19	M12	X	594	594	0	%100
20	M12	Z	-1.029	-1.029	0	%100
21	M13	X	-1.699	-1.699	0	%100
22	M13	Z	-2.942	-2.942	0	%100
23	M16	X	-2.069	-2.069	0	%100
24	M16	Z	-3.584	-3.584	0	%100
25	M17	X	-2.186	-2.186	0	%100
26	M17	Z	-3.787	-3.787	0	%100
27	M18	X	-2.39	-2.39	0	%100
28	M18	Z	-4.14	-4.14	0	%100
29	M19	X	-2.186	-2.186	0	%100
30	M19	Z	-3.787	-3.787	0	%100
31	M20	X	601	601	0	%100
32	M20	Z	-1.041	-1.041	0	%100
33	M21	X	425	425	0	%100
34	M21	Z	735	735	0	%100
35	M24	X	517	517	0	%100
36	M24	Z	896	896	0	%100
37	MP1A	X	-1.922	-1.922	0	%100
38	MP1A	Z	-3.329	-3.329	0	%100
39	MP2A	X	-1.922	-1.922	0	%100
40	MP2A	Z	-3.329	-3.329	0	%100
41	MP3A	X	-1.922	-1.922	0	%100
42	MP3A	Ž	-3.329	-3.329	0	%100
43	MP4A	X	-1.922	-1.922	0	%100
44	MP4A	Z	-3.329	-3.329	0	%100
45	MP1C	X	-1.922	-1.922	0	%100
46	MP1C	Z	-3.329	-3.329	0	%100
47	MP2C	X	-1.922	-1.922	0	%100
48	MP2C	Z	-3.329	-3.329	0	%100
49	MP3CA	X	-1.922	-1.922	0	%100
	MP3CA	Ž	-3.329	-3.329	0	%100
50	MP4CA	X	-1.922	-1.922	0	%100
	MP4CA	Ž	-3.329	-3.329	Ö	%100
52		X	-1.922	-1.922	0	%100
53	MP1B	Z	-3.329	-3.329	Ö	%100
54	MP1B	X	-1.922	-1.922	Ö	%100
55	MP2B		-3.329	-3.329	Ö	%100
56	MP2B	Z	-3.32 9 -1.922	-1.922	0	%100
57	MP3B	X	-3.329	-3.329	ő	%100
58	MP3B			-1.922	0	%100
59	MP4B	X	-1.922	-3.329	0	%100
60	MP4B	Z	-3.329		0	%100
61	MP3C	X	-1.922	-1.922	0	%100 %100
62	MP3C	Z	-3.329	-3.329		%100 %100
63	M61	X	-1.631	-1.631	0	%100
64	M61		-2.825	-2.825		%100 %100
65	M66	<u>X</u>	0	0	0	%100 %100
66	M66	Z	0	0	U	76 100



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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Locationif	.End Location[ft
67	M71	X	-1.631	-1.631	0	%100
68	M71	Z	-2.825	-2.825	0	%100
69	M82	X	0	0	0	%100
70	M82	Z	0	0	0	%100
71	M83	X	-1.551	-1.551	0	%100
72	M83	Z	-2.686	-2.686	0	%100
73	M84	X	-1.551	-1.551	0	%100
74	M84	Z	-2.686	-2.686	0	%100
75	M86	X	-1.083	-1.083	0	%100
76	M86	Z	-1.876	-1.876	0	%100
77	M88	X	-2.858	-2.858	0	%100
78	M88	Z	-4.95	-4.95	0	%100
79	M90	X	-1.083	-1.083	0	%100
80	M90	Z	-1.876	-1.876	0	%100
81	MP4C	X	-1.922	-1.922	0	%100
82	MP4C	Z	-3.329	-3.329	0	%100
83	M95	X	-1.694	-1.694	0	%100
84	M95	Z	-2.934	-2.934	0	%100
85	M97	X	-1.694	-1.694	0	%100
86	M97	Z	-2.934	-2.934	0	%100
87	M99	X	-1.694	-1.694	0	%100
88	M99	Z	-2.934	-2.934	0	%100

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

,	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f.	.End Location[ft
1	M1	X	0	0	0	%100
2	M1	Z	-1.254	-1.254	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	791	791	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	-1.254	-1.254	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	791	791	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	0	0	0	%100
11	M8	X	0	0	0	%100
12	M8	Z	0	0	0	%100
13	M9	X	0	0	0	%100
14	M9	Z	314	314	0	%100
15	M10	X	0	0	0	%100
16	M10	Z	-3e-6	-3e-6	0	%100
17	M11	X	0	0	0	%100
18	M11	Z	314	314	0	%100
19	M12	X	0	0	0	%100
20	M12	Z	788	788	0	%100
21	M13	X	0	0	0	%100
22	M13	Z	536	536	0	%100
23	M16	X	0	0	0	%100
24	M16	Z	697	697	0	%100
25	M17	X	0	0	0	%100
26	M17	Z	314	314	0	%100
27	M18	X	0	0	0	%100
28	M18	Z	788	788	0	%100
29	M19	Х	0	0	0	%100
30	M19	Z	314	314	Ö	%100
31	M20	X	0	0	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]		End Location[ft
32	M20	Z	-3e-6	-3e-6	0	%100
33	M21	X	0	0	0	%100
34	M21	Z	536	536	0	
35	M24	X	0	0	0	%100
36	M24	Z	697	697	0	%100
37	MP1A	X	0	0	0	%100
38	MP1A	Z	596	596	0	%100
39	MP2A	X	0	0	0	%100
40	MP2A	Z	596	596	0	%100
41	MP3A	X	0	0	0	%100
42	MP3A	Ž	596	596	0	%100
			0	0	0	%100
43	MP4A	X	596	596	Ö	%100
44	MP4A		0	0	Ö	%100
45	MP1C	X		596	0	%100
46	MP1C	Z	596	590	0	%100
47	MP2C	X	0		0	%100
48	MP2C	Z	- 596	596	0	%100
49	MP3CA	X	0	0	0	%100
50	MP3CA	Z	596	596		%100
51	MP4CA	X	0	0	0	
52	MP4CA	Z	596	596	0	%100
53	MP1B	X	0	0	0	%100
54	MP1B	Z	596	596	0	%100
55	MP2B	X	0	0	0	%100
56	MP2B	Z	596	596	0	%100
57	MP3B	X	0	0	0	%100
58	MP3B	Z	596	596	0	%100
59	MP4B	X	0	0	0	%100
60	MP4B	Z	596	596	0	%100
61	MP3C	X	0	0	0	%100
62	MP3C	Z	596	596	0	%100
63	M61	X	0	0	0	%100
64	M61	Ž	721	721	0	%100
65	M66	X	0	0	0	%100
66	M66	Z	18	18	0	%100
67	M71	X	0	0	0	%100
68	M71	Z	- 18	18	0	%100
	M82	X	0	0	0	%100
69		Z	228	228	0	%100
70	M82	X	0	0	0	%100
71	M83	Z	228	228	0	%100
72	M83		220	0	0	%100
73	M84	X		914	0	%100
74	M84	Z	914	914	0	%100
75	M86	X	0	258	0	%100
76	M86	Z	258		0	%100 %100
77	M88	X	0	0	0	%100
78	M88	Z	-1,005	-1.005		%100
79	M90	X	0	0	0	
80	M90	Z	-1.005	-1.005	0	%100
81	MP4C	X	0	0	0	%100
82	MP4C	Z	596	596	0	%100
83	M95	X	0	0	0	%100
84	M95	Z	543	543	0	%100
85	M97	X	0	0	0	%100
86	M97	Z	543	543	0	%100
87	M99	X	0	0	0	%100
88	M99	Z	543	543	0	%100
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Member Distributed Loads (BLC 66 : Structure Wm (30 Deg))

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Locationff.	.End Location[ft
1	M1	X	.47	.47	0	%100
2	M1	Z	815	815	0	%100
3	M2	X	.526	.526	0	%100
4	M2	Z	912	912	0	%100
5	M3	X	.47	.47	0	%100
6	M3	Z	815	815	0	%100
7	M4	X	.132	.132	0	%100
8	M4	Z	229	229	0	%100
9	M5	X	.089	.089	0	%100
10	M5	Z	155	-,155	Ō	%100
11	M8	X	.116	.116	0	%100
12	M8	Z	201	201	ŏ	%100
13	M9	X	.47	.47	0	%100
14	M9	Z	815	815	0	%100
15	M10	X	.132	.132	0	%100
16	M10	Z	229	229	Ö	%100
17	M11	X	.47	.47	0	%100
18	M11	Z	815	815	0	%100 %100
19	M12	X	.526	.526	0	%100
20	M12	Z	912	912	Ö	%100
21	M13	X	.089	.089	0	%100 %100
22	M13	Z	155	-,155	0	%100 %100
23	M16	X	.116	.116	0	%100
24	M16	Z	201	201	0	%100
25	M17	X	0	201	0	%100
26	M17	Z	0	0	0	
27	M18	X	.131	.131		%100
28	M18	Z	227	227	0	%100
29	M19	X	0		0	%100
30	M19	Z	0	0	0	%100
31	M20	X	.131	.131	0	%100
32	M20	Z	227	227	0	%100
33	M21	X	.357	.357	0	%100
34	M21	Ž	619		0	%100
35	M24	X	.465	619	0	%100
36	M24	Ž	805	.465	0	%100
37	MP1A	X		805	0	%100
38	MP1A	Ž	.298	.298	0	%100
39	MP2A	X	516	516	0	%100
40	MP2A	Z	.298	.298	0	%100
41	MP3A		516	516	0	%100
42	MP3A	Z	.298	.298	0	%100
43	MP4A	X	516	516	0	%100
44	MP4A	Z	.298	.298	0	%100
45	MP1C	X	516	516	0	%100
46	MP1C	Z	.298	.298	0	%100
47	MP2C		516	516	0	%100
48	MP2C	X	.298	.298	0	%100
49	MP3CA	X	516	516	0	%100
50	MP3CA	Z	.298	.298	0	%100
51	MP4CA		516	516	0	%100
52	MP4CA	X Z	.298	.298	0	%100
53	MP1B	X	516	-,516	0	%100
54	MP1B		.298	.298	0	%100
55	MP2B	Z X	516	516	0	%100
56	MP2B	Z	.298	.298	0	%100
57	MP3B	X	516 .298	516	0	%100
	IVII JU		.200	.298	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]		.End Location[ft.
58	MP3B	Z	516	516	0	%100
59	MP4B	X	.298	.298	0	%100
60	MP4B	Z	516	516	0	%100
61	MP3C	X	.298	.298	0	%100
62	MP3C	Z	516	516	0	%100
63	M61	X	.27	.27	0	%100
64	M61	Z	468	468	0	%100
65	M66	X	.27	.27	0	%100
66	M66	Z	468	468	0	%100
67	M71	X	0	0	0	%100
68	M71	Z	0	0	0	%100
69	M82	X	.343	.343	0	%100
70	M82	Z	593	-,593	0	%100
71	M83	X	0	0	0	%100
72	M83	Z	0	0	0	%100
73	M84	X	.343	.343	0	%100
74	M84	Z	593	593	0	%100
75	M86	X	.254	.254	0	%100
76	M86	Z	439	439	0	%100
77	M88	X	.254	.254	0	%100
78	M88	Z	439	439	0	%100
79	M90	X	.627	.627	0	%100
80	M90	Z	-1.086	-1.086	0	%100
81	MP4C	X	.298	.298	0	%100
82	MP4C	Z	516	516	0	%100
83	M95	X	.271	.271	0	%100
84	M95	Z	47	47	0	%100
85	M97	X	.271	.271	0	%100
86	M97	Z	47	47	0	%100
87	M99	X	.271	.271	0	%100
88	M99	Z	47	47	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f	.End Location[ft
1	M1	X	.272	.272	0	%100
2	M1	Z	157	157	0	%100
3	M2	X	.683	.683	0	%100
4	M2	Z	394	394	0	%100
5	M3	X	.272	.272	0	%100
6	M3	Z	-,157	157	0	%100
7	M4	X	3e-6	3e-6	0	%100
8	M4	Z	-2e-6	-2e-6	0	%100
9	M5	X	.464	.464	0	%100
10	M5	Z	268	268	0	%100
11	M8	X	.604	.604	0	%100
12	M8	Ž	349	349	0	%100
13	M9	X	1.086	1.086	0	%100
14	M9	Z	627	627	0	%100
15	M10	X	.685	.685	0	%100
16	M10	Ž	396	396	0	%100
17	M11	X	1.086	1.086	0	%100
		7	627	627	0	%100
18	M11	X	.685	.685	0	%100
19	M12	Z	396	396	Ö	%100
20	M12		390	0	0	%100
21	M13	X 7	0	0	0	%100
22	M13		U	U-		70100



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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f.	.End Location[ft
23	M16	X	0	0	0	%100
24	M16	Z	0	0	0	%100
25	M17	X	.272	.272	0	%100
26	M17	Z	157	157	0	%100
27	M18	X	3e-6	3e-6	0	%100
28	M18	Z	-2e-6	-2e-6	0	%100
29	M19	X	.272	.272	0	%100
30	M19	Z	157	157	0	%100
31	M20	X	.683	.683	0	%100
32	M20	Z	394	394	0	%100
33	M21	X	.464	.464	0	%100
34	M21	Z	268	268	0	%100
35	M24	X	.604	.604	0	%100
36	M24	Z	349	-,349	0	%100
37	MP1A	X	.516	.516	0	%100
38	MP1A	Z	298	298	0	%100
39	MP2A	X	.516	.516	0	%100
40	MP2A	Z	298	298	0	%100
41	MP3A	X	.516	.516	0	%100
42	MP3A	Z	298	298	0	%100
43	MP4A	X	.516	.516	0	%100
44	MP4A	Z	298	298	Ö	%100
45	MP1C	X	.516	.516	Ō	%100
46	MP1C	Z	298	298	Ö	%100
47	MP2C	X	.516	.516	0	%100
48	MP2C	Z	298	298	Ö	%100
49	MP3CA	X	.516	.516	0	%100
50	MP3CA	Z	298	298	Ŏ	%100
51	MP4CA	X	.516	.516	0	%100
52	MP4CA	Z	298	298	0	%100 %100
53	MP1B	X	.516	.516	0	%100
54	MP1B	Z	298	298	0	%100
55	MP2B	X	.516	.516	0	%100
56	MP2B	Z	298	298	0	%100 %100
57	MP3B	X	.516	.516	0	%100
58	MP3B	Z	298	298	0	%100
59	MP4B	X	.516	.516	0	%100
60	MP4B	Z	298	298	0	%100 %100
61	MP3C	X	.516	.516	0	%100
62	MP3C	Z	298	298	Ö	%100 %100
63	M61	X	.156	.156	0	%100 %100
64	M61	Z	09	09	Ö	%100
65	M66	X	.624	.624	0	%100
66	M66	Z	361	361	0	%100 %100
67	M71	X	.156	.156	0	%100 %100
68	M71	Ž	09	09	0	%100
69	M82	X	.791	.791	0	%100
70	M82	Z	457	457	0	%100 %100
71	M83	X	.198	.198	0	%100 %100
72	M83	Ž	114	114	0	%100 %100
73	M84	X	.198	.198	0	%100 %100
74	M84	Z	114	114	0	%100 %100
75	M86	X	.87	.87	0	
76	M86	Z	503	503		%100 %100
77	M88	X	.224	.224	0	%100
78	M88	Z	129	129	0	%100
79	M90	X	.87			%100
_10	IVIOU		.01	.87	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f.	.End Location[ft
80	M90	Z	503	503	0	%100
81	MP4C	X	.516	.516	0	%100
82	MP4C	7	298	298	0	%100
83	M95	X	.47	.47	0	%100
84	M95	7	271	271	0	%100
85	M97	X	.47	.47	0	%100
86	M97	7	271	271	0	%100
87	M99	X	.47	.47	0	%100
88	M99	Z	271	271	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f	End Location[ft
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	.262	.262	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	.262	.262	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	.715	.715	0	%100
10	M5	Z	0	0	0	%100
11	M8	X	.93	.93	0	%100
12	M8	Z	0	0	0	%100
13	M9	X	.941	.941	0	%100
14	M9	Z	0	0	0	%100
15	M10	X	1.053	1.053	0	%100
16	M10	Z	0	0	0	%100
17	M11	X	.941	.941	0	%100
18	M11	Z	0	0	0	%100
19	M12	X	.265	.265	0	%100
20	M12	Z	0	0	0	%100
21	M13	X	.179	.179	0	%100
22	M13	Z	0	0	0	%100
23	M16	X	.232	.232	0	%100
24	M16	Z	0	0	0	%100
25	M17	X	.941	.941	0	%100
26	M17	Z	0	0	0	%100
27	M18	X	.265	.265	0	%100
28	M18	Z	0	0	0	%100
29	M19	X	.941	.941	0	%100
30	M19	Z	0	0	0	%100
31	M20	X	1.053	1.053	0	%100
32	M20	Z	0	0	0	%100
33	M21	X	.179	.179	0	%100
34	M21	Z	0	0	0	%100
35	M24	X	.232	.232	0	%100
36	M24	Z	0	0	0	%100
37	MP1A	X	.596	.596	0	%100
38	MP1A	Z	0	0	0	%100
39	MP2A	X	.596	.596	0	%100
40	MP2A	Z	0	0	0	%100
41	MP3A	X	.596	.596	0	%100
42	MP3A	Z	0	0	0	%100
43	MP4A	X	.596	.596	0	%100
44	MP4A	Z		0	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location	fEnd Location[ft
45	MP1C	X	.596	.596	0	%100
46	MP1C	Z	0	0	0	%100
47	MP2C	X	.596	.596	0	%100
48	MP2C	Z	0	0	0	%100
49	MP3CA	X	.596	.596	0	%100
50	MP3CA	Z	0	0	0	%100
51	MP4CA	X	.596	.596	0	%100
52	MP4CA	Z	0	0	0	%100
53	MP1B	X	.596	.596	0	%100
54	MP1B	Z	0	0	0	%100
55	MP2B	X	.596	.596	0	%100
56	MP2B	Z	0	0	0	%100
57	MP3B	X	.596	.596	0	%100
58	MP3B	Z	0	0	0	%100
59	MP4B	X	.596	.596	0	%100
60	MP4B	Z	0	0	0	%100
61	MP3C	X	.596	.596	0	%100
62	MP3C	Z	0	0	0	%100
63	M61	X	0	0	0	%100
64	M61	Z	0	0	0	%100
65	M66	X	.541	.541	0	%100
66	M66	Z	0	0	0	%100
67	M71	X	.541	.541	0	%100
68	M71	Z	0	0	0	%100
69	M82	X	.685	.685	Ů 0	%100
70	M82	Z	0	0	Ů Ů	%100
71	M83	X	.685	.685	0	%100
72	M83	Z	0	0	Ö	%100
73	M84	X	0	Ō	0	%100
74	M84	Z	0	0	0	%100
75	M86	X	1.254	1.254	0	%100
76	M86	Z	0	0	Ö	%100
77	M88	X	.507	.507	0	%100
78	M88	Z	0	0	Ö	%100
79	M90	X	.507	.507	0	%100
80	M90	Z	0	0	0	%100
81	MP4C	X	.596	.596	0	%100
82	MP4C	Z	0	0	0	%100
83	M95	X	.543	.543	0	%100 %100
84	M95	Z	0	0	0	%100
85	M97	X	.543	.543	0	%100 %100
86	M97	Z	0	0	0	%100 %100
87	M99	X	.543	.543	0	%100
88	M99	Ž	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Locationif	.End Location[ft.
1	M1	X	.272	.272	0	%100
2	M1	Z	.157	.157	0	%100
3	M2	X	3e-6	3e-6	0	%100
4	M2	Z	2e-6	2e-6	0	%100
5	M3	X	.272	.272	0	%100
6	M3	Z	.157	.157	Ŏ	%100
7	M4	X	.683	.683	0	%100
8	M4	Z	.394	.394	Ŏ	%100
9	M5	X	.464	.464	0	%100

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

11			irection	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]		.End Location[ft
12				.268	.268	0	%100
13							%100
14					.349		%100
16			_X				%100
16							%100
17							%100
18							%100
19	17 M	11	X				%100
No.	18 M	11	Z				%100
20	19 M	12	X				%100
21 M13 X .464 0 9 22 M13 Z .268 .98 0 9 23 M16 X .604 .604 0 9 24 M16 Z .349 .349 0 9 25 M17 X 1.086 1.086 0 9 26 M17 Z .627 .627 0 9 26 M17 Z .627 .627 0 9 28 M18 X .685 .685 .0 9 29 M19 X 1.086 1.086 0 9 30 M19 Z .627 0 9 9 31 M20 X .685 .685 0 9 31 M20 X .685 .685 0 9 32 M20 X .685 .685 0		12	Z	2e-6			%100
22 M13 Z 268 .268 0 9 23 M16 X 604 604 0 9 24 M16 Z .349 .349 0 9 25 M17 X 1.086 1.086 0 9 26 M17 Z .627 .627 0 9 27 M18 X .685 .685 0 9 28 M18 Z .396 .396 0 9 29 M19 X 1.086 1.086 0 9 30 M19 Z .627 .627 .627 0 9 31 M20 X .685 .685 .685 .0 9 32 M20 Z .396 .396 .0 9 .0 3 3 M21 X 0 0 0 0 .0 .0 .0		13	X	.464			%100
23 M16 X 504 904 0 % 24 M16 Z .349 .349 .0 % 25 M17 X 1.086 1.086 0 % 26 M17 Z .627 .627 0 % 27 M18 X .685 .685 .0 % 28 M18 Z .396 .396 0 % 29 M19 X 1.086 1.086 0 % 30 M19 Z .627 627 0 % 31 M20 X .685 .685 .685 0 % 31 M20 X .685 .685 .685 0 % 32 M20 X .685 .685 .685 0 % 33 M21 X 0 0 0 0 % 34			Z	.268	.268	0	%100
24 M16 Z .349 .349 0 % 25 M17 X 1.086 1.086 0 % 26 M17 Z .627 627 0 % 27 M18 X .685 .685 0 % 28 M18 Z .396 .396 0 % 29 M19 X 1.086 1.086 0 % 30 M19 Z .627 .627 0 % 31 M20 X .685 .685 0 % 32 M20 Z .396 .396 0 % 34 M21 Z 0 0 0 0 % 34 M21 Z 0 0 0 0 % 35 M24 X 0 0 0 0 % 36 M24 Z					.604		%100
25 M17 X 1.086 1.086 0 % 26 M17 Z 627 627 0 % 27 M18 X 685 685 0 % 28 M18 Z .396 .396 0 % 29 M19 X 1.086 1.086 0 % 30 M19 Z .627 .627 0 % 30 M19 Z .627 .627 0 % 31 M20 X .685 .685 .685 .0 % 32 M20 Z .396 .396 .0 % .33 M21 X 0 0 0 .0			Z		.349	0	%100
Text					1.086	0	%100
27 M18 X 685 685 0 % 28 M18 Z 396 396 0 % 29 M19 X 1.086 1.086 0 % 30 M19 Z .627 .627 0 % 31 M20 X .685 .685 0 % 32 M20 Z .396 .396 .0 0 % 32 M20 Z .396 .396 .0 0 0 0 .9 3 34 M21 X 0 0 0 0 .9 3 34 M21 X 0 0 0 0 .9 3 34 M24 X 0 0 0 0 .9 3 36 M24 X 0 0 0 0 .9 3 36 M24 X 516 .516 .0			7			0	%100
28 M18 Z 396 396 0 % 29 M19 X 1.086 1.086 0 % 30 M19 X 6827 627 0 % 31 M20 X 685 685 0 % 32 M20 Z 396 396 0 0 % 32 M20 Z 396 396 0						0	%100
M19			7				%100
30 M19 Z 627 627 627 0 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9							%100
31 M20 X 685			7				%100
32 M20 Z 396 .396 .0 98 33 M21 X 0 0 0 0 0 0 98 34 M21 Z 0 0 0 0 0 0 98 35 M24 X 0 0 0 0 0 0 98 36 M24 Z 0 0 0 0 0 0 98 37 MP1A X .516 .516 0 98 38 MP1A Z 298 .298 0 98 39 MP2A X .516 .516 0 98 40 MP2A Z 298 .298 0 98 41 MP3A X .516 .516 0 98 42 MP3A Z 298 .298 0 98 43 MP4A X .516 .516 0 98 44 MP4A Z 298 .298 0 98 45 MP1C X .516 .516 0 98 46 MP1C Z 298 .298 0 98 47 MP2C X .516 .516 .516 0 98 48 MP2C Z 298 .298 0 98 49 MP3CA X .516 .516 .516 0 98 49 MP3CA X .516 .516 .516 0 98 50 MP3CA Z .298 .298 0 98 51 MP4CA X .516 .516 .516 0 98 52 MP4CA X .516 .516 .516 0 98 53 MP1B X .516 .516 .516 0 98 54 MP1C X .516 .516 .516 0 98 55 MP4CA X .516 .516 .516 0 98 56 MP3CA Z .298 .298 0 98 57 MP3CA Z .298 .298 0 98 58 MP4CA X .516 .516 .516 0 98 59 MP4CA X .516 .516 .516 0 98 50 MP3CA Z .298 .298 0 98 51 MP4CA X .516 .516 .516 0 98 52 MP4CA Z .298 .298 0 98 53 MP1B X .516 .516 .516 0 98 54 MP1B Z .298 .298 0 98 55 MP4CA Z .298 .298 0 98 56 MP2C Z .298 .298 0 98 57 MP3CA Z .298 .298 0 98 58 MP4CA Z .298 .298 0 98 59 MP4CA Z .298 .298 0 98 50 MP4CA Z .298 .298 0 98 51 MP4CA X .516 .516 0 98 52 MP4CA Z .298 .298 0 0 98 53 MP1B X .516 .516 0 0 98 54 MP1B Z .298 .298 0 0 98 55 MP4CA Z .298 .298 0 0 98 56 MP2C Z .298 .298 0 0 98 57 MP3C X .516 .516 0 0 98 58 MP3C X .516 .516 0 0 98 59 MP4CA Z .298 .298 0 0 98 50 MP4							%100
33 M21 X 0 0 0 0 0 9 9 9 9 9 9 9 9 9 9 9 9 9 9			7				%100
34 M21 Z 0 0 0 0 0 0 9/355 M24 X 0 0 0 0 0 0 9/366 M24 Z 0 0 0 0 0 0 9/37 MP1A X 516 516 516 0 9/38 MP1A Z 298 298 0 9/39 MP2A X 516 516 516 0 9/39 MP2A Z 298 298 0 9/39 MP2A Z 298 298 0 9/39 MP2A Z 298 298 0 9/341 MP3A X 516 516 0 9/34 MP3A Z 298 298 0 9/341 MP3A Z 298 298 0 9/341 MP3A Z 298 298 0 9/341 MP3A Z 298 298 0 9/343 MP4A X 516 516 0 9/344 MP4A Z 298 298 0 9/344 MP4A Z 298 298 0 9/34 MP4A X 516 516 516 516 0 9/34 MP4B X 516 516 516 0 9/35 MP4B X 516 516 516 0 9/35 MP4B X 516 516 516 0 9/35 MP4B X 51							%100
35 M24 X 0 0 0 0 0 9/36 M24 Z 0 0 0 0 0 9/37 MP1A X 516 516 0 9/38 MP1A Z 298 298 0 9/39 MP2A X 516 516 0 9/39 MP2A X 516 516 0 9/39 MP2A Z 298 298 0 9/39 MP2A Z 298 298 0 9/39 MP2A Z 298 298 0 9/34 MP3A Z 298 298 0 9/34 MP4A X 516 516 0 9/34 MP4A X 516 516 0 9/34 MP4A Z 298 298 0 9/34 MP4B Z 298 298 0 9/34	33 IVI		7				%100
36 M24 Z O O O 9/8 37 MP1A X .516 .516 O % 38 MP1A Z .298 .298 O % 39 MP2A X .516 .516 O % 40 MP2A Z .298 .298 O % 41 MP3A X .516 .516 O % 42 MP3A Z .298 .298 O % 42 MP3A Z .298 .298 O % 44 MP4A X .516 .516 O % 44 MP4A Z .298 .298 O % 45 MP1C X .516 .516 O % 46 MP1C Z .298 .298 O % 47 MP2C X .516 .							%100
37 MP1A X .516 .516 .0 % 38 MP1A Z .298 .298 .0 % 39 MP2A X .516 .516 .0 .9% 40 MP2A Z .298 .298 .0 % 41 MP3A X .516 .516 .0 .9% 42 MP3A Z .298 .298 .0 .9% 43 MP4A X .516 .516 .0 .9% 44 MP4A Z .298 .298 .0 .9% 45 MP1C X .516 .516 .0 .9% 46 MP1C Z .298 .298 .0 .9% 47 MP2C X .516 .516 .516 .0 .9% 48 MP2C Z .298 .298 .0 .9% 49 MP3CA X .516 .516 .516 .0 .9% 50 MP3CA Z .298 .298 .0 .9% 51 MP4CA X .516 .516 .516 .0 .9% 52 MP4CA Z .298 .298 .0 .9% 53 MP1B X .516 .516 .516 .0 .9% 54 MP1B Z .298 .298 .0 .9% 55 MP2B X .516 .516 .516 .0 .9% 56 MP3B Z .298 .298 .0 .9% 57 MP3B X .516 .516 .516 .0 .9% 58 MP3B Z .298 .298 .0 .9% 59 MP4B X .516 .516 .516 .0 .9% 59 MP4B X .516 .516 .516 .0 .0 .9% 59 MP4B X .51							%100
38 MP1A Z .298 .298 0 % 39 MP2A X .516 .516 0 % 40 MP2A Z .298 .298 0 % 41 MP3A X .516 .516 0 % 42 MP3A Z .298 .298 0 % 43 MP4A X .516 .516 0 % 44 MP4A X .516 .516 0 % 44 MP4A X .516 .516 0 % 45 MP1C X .516 .516 0 % 46 MP1C Z .298 .298 0 % 47 MP2C X .516 .516 0 % 48 MP2C Z .298 .298 0 % 50 MP3CA X .516							%100
39 MP2A X .516 .516 0 9/4 40 MP2A Z .298 .298 0 9/8 41 MP3A X .516 .516 0 9/4 42 MP3A Z .298 .298 0 9/8 43 MP4A X .516 .516 0 9/4 44 MP4A Z .298 .298 0 9/8 45 MP1C X .516 .516 0 9/8 46 MP1C Z .298 .298 0 9/8 47 MP2C X .516 .516 0 9/8 48 MP2C Z .298 .298 0 9/8 49 MP3CA X .516 .516 0 9/8 50 MP3CA Z .298 .298 0 9/8 51 MP4CA X .516 .516 0 9/8 52 MP4CA X .516 .516 0 9/8 53 MP1B X .516 .516 0 9/8 54 MP1B Z .298 .298 0 9/8 55 MP2B X .516 .516 0 9/8 56 MP2B Z .298 .298 0 9/8 57 MP3B X .516 .516 0 9/8 58 MP3B Z .298 .298 0 9/8 59 MP4B X .516 .516 .516 0 9/8 59 MP4B X .516 .516 .516 0 9/8 59 MP4B X .516 .516 0 9/8							%100
40 MP2A Z .298 .298 0 % 41 MP3A X .516 .516 0 % 42 MP3A Z .298 .298 0 % 43 MP4A X .516 .516 0 % 44 MP4A Z .298 .298 0 % 44 MP4A Z .298 .298 0 % 45 MP1C X .516 .516 0 % 46 MP1C Z .298 .298 0 % 47 MP2C X .516 .516 0 % 48 MP2C Z .298 .298 0 % 49 MP3CA X .516 .516 .516 0 % 50 MP3CA X .516 .516 0 % 51 MP4CA X							%100
41 MP3A X 516 .516 0 % 42 MP3A Z .298 .298 0 % 43 MP4A X .516 .516 0 % 44 MP4A Z .298 .298 0 % 44 MP4A Z .298 .298 0 % 45 MP1C X .516 .516 0 % 46 MP1C Z .298 .298 0 % 46 MP1C Z .298 .298 0 % 48 MP2C X .516 .516 0 % 49 MP3CA X .516 .516 0 % 50 MP3GA X .516 .516 0 % 51 MP4CA X .516 .516 0 % 52 MP4CA X .516			^				%100
42 MP3A Z 298 .298 0 % 43 MP4A X .516 .516 0 % 44 MP4A Z .298 .298 0 % 45 MP1C X .516 .516 0 % 46 MP1C Z .298 .298 0 % 47 MP2C X .516 .516 0 % 48 MP2C Z .298 .298 0 % 49 MP3CA X .516 .516 0 % 49 MP3CA Z .298 .298 0 % 50 MP3CA Z .298 .298 0 % 51 MP4CA X .516 .516 0 % 52 MP4CA Z .298 .298 0 % 53 MP1B X .516							%100
42 MP4A X .516 .516 0 % 44 MP4A Z .298 .298 0 % 45 MP1C X .516 .516 0 % 46 MP1C Z .298 .298 0 % 46 MP1C Z .298 .298 0 % 47 MP2C X .516 .516 0 % 48 MP2C Z .298 .298 0 % 49 MP3CA X .516 .516 0 % 50 MP3CA Z .298 .298 0 % 51 MP4CA X .516 .516 0 % 52 MP4CA Z .298 .298 0 % 53 MP1B X .516 .516 0 % 54 MP1B Z .298							%100
44 MP4A Z .298 .298 0 % 45 MP1C X .516 .516 0 % 46 MP1C Z .298 .298 0 % 47 MP2C X .516 .516 0 % 48 MP2C Z .298 .298 0 % 49 MP3CA X .516 .516 0 % 50 MP3CA X .516 .516 0 % 51 MP4CA X .516 .516 0 % 52 MP4CA X .516 .516 0 % 53 MP1B X .516							%100 %100
45 MP1C X .516 .516 0 % 46 MP1C Z .298 .298 0 % 47 MP2C X .516 .516 0 % 48 MP2C Z .298 .298 0 % 49 MP3CA X .516 .516 0 % 50 MP3CA Z .298 .298 0 % 51 MP4CA X .516 .516 0 % 51 MP4CA X .516 .516 0 % 52 MP4CA X .516 .516 0 % 53 MP1B X .516 .516 0 % 54 MP1B X .516 .516 0 % 55 MP2B X .516 .516 0 % 56 MP2B Z .298			^				%100
46 MP1C Z .298 .298 0 % 47 MP2C X .516 .516 0 % 48 MP2C Z .298 .298 0 % 49 MP3CA X .516 .516 0 % 50 MP3CA Z .298 .298 0 % 51 MP4CA X .516 .516 0 % 52 MP4CA X .516 .516 0 % 52 MP4CA Z .298 .298 0 % 53 MP1B X .516 .516 0 % 53 MP1B X .516 .516 0 % 54 MP1B X .516 .516 0 % 55 MP2B X .516 .516 0 % 56 MP2B X .516							%100
47 MP2C X .516 .516 0 % 48 MP2C Z .298 .298 0 % 49 MP3CA X .516 .516 .0 % 50 MP3CA Z .298 .298 0 % 51 MP4CA X .516 .516 .0 % 52 MP4CA Z .298 .298 .0 % 53 MP1B X .516 .516 .0 % 53 MP1B X .516 .516 .0 % 54 MP1B Z .298 .298 .0 % 55 MP2B X .516 .516 .0 % 56 MP2B Z .298 .298 .0 % 57 MP3B X .516 .516 .0 % 58 MP3B Z .298<							%100
48 MP2C Z 298 .298 0 % 49 MP3CA X .516 .516 0 % 50 MP3CA Z .298 .298 0 % 51 MP4CA X .516 .516 0 % 52 MP4CA Z .298 .298 0 % 53 MP1B X .516 .516 0 % 54 MP1B Z .298 .298 0 % 54 MP1B Z .298 .298 0 % 55 MP2B X .516 .516 0 % 56 MP2B Z .298 .298 0 % 57 MP3B X .516 .516 0 % 58 MP3B Z .298 .298 0 % 59 MP4B X .516				.298			%100
49 MP3CA X .516 .516 0 % 50 MP3CA Z .298 .298 0 % 51 MP4CA X .516 .516 0 % 52 MP4CA Z .298 .298 0 % 53 MP1B X .516 .516 0 % 54 MP1B Z .298 .298 0 % 54 MP1B Z .298 .298 0 % 55 MP2B X .516 .516 0 % 56 MP2B X .516 .516 0 % 57 MP3B X .516 .516 0 % 58 MP3B Z .298 .298 0 % 59 MP4B X .516 .516 0 % 60 MP4B Z .298			<u> </u>				%100
50 MP3CA Z .298 .298 0 % 51 MP4CA X .516 .516 0 % 52 MP4CA Z .298 .298 0 % 53 MP1B X .516 .516 0 % 54 MP1B Z .298 .298 0 % 55 MP2B X .516 .516 0 % 56 MP2B Z .298 .298 0 % 56 MP2B Z .298 .298 0 % 57 MP3B X .516 .516 0 % 58 MP3B Z .298 .298 0 % 59 MP4B X .516 .516 0 % 60 MP4B Z .298 .298 0 % 61 MP3C X .516							%100
51 MP4CA X .516 .516 0 % 52 MP4CA Z .298 .298 0 % 53 MP1B X .516 .516 0 % 54 MP1B Z .298 .298 0 % 55 MP2B X .516 .516 0 % 56 MP2B Z .298 .298 0 % 56 MP2B Z .298 .298 0 % 57 MP3B X .516 .516 0 % 58 MP3B Z .298 .298 0 % 59 MP4B X .516 .516 0 % 60 MP4B Z .298 .298 0 % 61 MP3C X .516 .516 0 % 62 MP3C Z .298							%100
52 MP4CA Z .298 .298 0 % 53 MP1B X .516 .516 0 % 54 MP1B Z .298 .298 0 % 55 MP2B X .516 .516 0 % 56 MP2B Z .298 .298 0 % 56 MP2B Z .298 .298 0 % 57 MP3B X .516 .516 0 % 58 MP3B Z .298 .298 0 % 59 MP4B X .516 .516 0 % 60 MP4B Z .298 .298 0 % 61 MP3C X .516 .516 0 % 62 MP3C Z .298 .298 0 % 63 M61 X .156							%100
53 MP1B X .516 0 % 54 MP1B Z .298 .298 0 % 55 MP2B X .516 .516 0 % 56 MP2B Z .298 .298 0 % 56 MP3B X .516 .516 0 % 57 MP3B X .516 .516 0 % 58 MP3B Z .298 .298 0 % 59 MP4B X .516 .516 0 % 60 MP4B Z .298 .298 0 % 61 MP3C X .516 .516 0 % 62 MP3C Z .298 .298 0 % 63 M61 X .156 .156 0 % 64 M61 Z .09 .09							%100
54 MP1B Z .298 .298 0 % 55 MP2B X .516 .516 0 % 56 MP2B Z .298 .298 0 % 57 MP3B X .516 .516 0 % 58 MP3B Z .298 .298 0 % 59 MP4B X .516 .516 0 % 60 MP4B Z .298 .298 0 % 61 MP3C X .516 .516 0 % 62 MP3C Z .298 .298 0 % 63 M61 X .156 .156 0 % 64 M61 Z .09 .09 0 % 65 M66 X .156 .156 0 %							%100 %100
55 MP2B X .516 .516 0 % 56 MP2B Z .298 .298 0 % 57 MP3B X .516 .516 0 % 58 MP3B Z .298 .298 0 % 59 MP4B X .516 .516 0 % 60 MP4B Z .298 .298 0 % 61 MP3C X .516 .516 0 % 62 MP3C Z .298 .298 0 % 63 M61 X .156 .156 0 % 64 M61 Z .09 .09 0 % 65 M66 X .156 .156 0 %							%100
56 MP2B Z .298 .298 0 % 57 MP3B X .516 .516 0 % 58 MP3B Z .298 .298 0 % 59 MP4B X .516 .516 0 % 60 MP4B Z .298 .298 0 % 61 MP3C X .516 .516 0 % 62 MP3C Z .298 .298 0 % 63 M61 X .156 .156 0 % 64 M61 Z .09 .09 0 % 65 M66 X .156 .156 0 %							%100 %100
57 MP3B X .516 .516 0 % 58 MP3B Z .298 .298 0 % 59 MP4B X .516 .516 0 % 60 MP4B Z .298 .298 0 % 61 MP3C X .516 .516 0 % 62 MP3C Z .298 .298 0 % 63 M61 X .156 .156 0 % 64 M61 Z .09 .09 0 % 65 M66 X .156 .156 0 %			X				%100
58 MP3B Z .298 .298 0 % 59 MP4B X .516 .516 0 % 60 MP4B Z .298 .298 0 % 61 MP3C X .516 .516 0 % 62 MP3C Z .298 .298 0 % 63 M61 X .156 .156 0 % 64 M61 Z .09 .09 0 % 65 M66 X .156 .156 0 %							%100 %100
59 MP4B X .516 .516 0 % 60 MP4B Z .298 .298 0 % 61 MP3C X .516 .516 0 % 62 MP3C Z .298 .298 0 % 63 M61 X .156 .156 0 % 64 M61 Z .09 .09 0 % 65 M66 X .156 .156 0 %			X				
60 MP4B Z .298 .298 0 % 61 MP3C X .516 .516 0 % 62 MP3C Z .298 .298 0 % 63 M61 X .156 .156 0 % 64 M61 Z .09 .09 0 % 65 M66 X .156 .156 0 %							%100
61 MP3C X .516 .516 0 % 62 MP3C Z .298 .298 0 % 63 M61 X .156 .156 0 % 64 M61 Z .09 .09 0 % 65 M66 X .156 .156 0 %			X				%100
62 MP3C Z .298 .298 0 % 63 M61 X .156 .156 0 % 64 M61 Z .09 .09 0 % 65 M66 X .156 .156 0 %							%100
63 M61 X .156 .156 0 % 64 M61 Z .09 .09 0 % 65 M66 X .156 .156 0 %			X			0	%100
64 M61 Z .09 .09 0 % 65 M66 X .156 .156 0 %							%100
65 M66 X .156 .156 0 %			X				%100
00 1000 70	64 M		Z				%100
	65 M	66	X				%100
66 M66 Z .09 .09 0 %		66	Z	.09	.09	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Locationif	End Location[ft
67	M71	X	.624	.624	0	%100
68	M71	Z	.361	.361	0	%100
69	M82	X	.198	.198	0	%100
70	M82	Z	.114	.114	0	%100
71	M83	X	.791	.791	0	%100
72	M83	Z	.457	.457	0	%100
73	M84	X	.198	.198	0	%100
74	M84	Z	.114	.114	0	%100
75	M86	X	.87	.87	0	%100
76	M86	Z	.503	.503	0	%100
77	M88	X	.87	.87	0	%100
78	M88	Z	.503	.503	0	%100
79	M90	X	.224	.224	0	%100
80	M90	Z	.129	.129	0	%100
81	MP4C	X	.516	.516	0	%100
82	MP4C	Z	.298	.298	0	%100
83	M95	X	.47	.47	0	%100
84	M95	Z	.271	.271	0	%100
85	M97	X	.47	.47	0	%100
86	M97	Z	.271	.271	0	%100
87	M99	X	.47	.47	0	%100
88	M99	Z	.271	.271	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location(f.	.End Location[ft.
1	M1	X	.47	.47	0	%100
2	M1	Z	.815	.815	0	%100
3	M2	X	.132	.132	0	%100
4	M2	Z	.229	.229	0	%100
5	M3	X	.47	.47	0	%100
6	M3	Z	.815	.815	0	%100
7	M4	X	.526	.526	0	%100
8	M4	Z	.912	.912	0	%100
9	M5	X	.089	.089	0	%100
10	M5	Z	.155	.155	0	%100
11	M8	X	.116	.116	0	%100
12	M8	Z	.201	.201	0	%100
13	M9	X	0	0	0	%100
14	M9	Z	0	0	0	%100
15	M10	X	.131	.131	0	%100
16	M10	Z	.227	.227	0	%100
17	M11	X	0	0	0	%100
18	M11	Z	0	0	0	%100
19	M12	X	.131	.131	0	%100
20	M12	Z	.227	.227	0	%100
21	M13	X	.357	.357	0	%100
22	M13	Z	.619	.619	0	%100
23	M16	X	.465	.465	0	%100
24	M16	Z	.805	.805	0	%100
25	M17	X	.47	.47	0	%100
26	M17	Z	.815	.815	0	%100
27	M18	X	.526	.526	0	%100
28	M18	Z	.912	.912	0	%100
29	M19	X	.47	.47	0	%100
30	M19	Z	.815	.815	0	%100
31	M20	X	.132	.132	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]		.End Location[ft
32	M20	Z	.229	.229	0	%100
33	M21	X	.089	.089	0	%100
34	M21	Z	.155	.155	0	%100
35	M24	X	,116	.116	0	%100
36	M24	Z	.201	.201	0	%100
37	MP1A	X	.298	.298	0	%100
38	MP1A	Z	.516	.516	0	%100
39	MP2A	X	.298	.298	0	%100
40	MP2A	Z	.516	.516	0	%100
41	MP3A	X	.298	.298	0	%100
42	MP3A	Z	.516	.516	0	%100
43	MP4A	X	.298	.298	0	%100
44	MP4A	Z	.516	.516	0	%100
45	MP1C	X	.298	.298	00	%100
46	MP1C	Z	.516	.516	0	%100
47	MP2C	X	.298	.298	0	%100
48	MP2C	Z	.516	.516	0	%100
49	MP3CA	X	.298	.298	0	%100
50	MP3CA	Z	.516	.516	0	%100
51	MP4CA	X	.298	.298	0	%100
52	MP4CA	Z	.516	.516	0	%100
53	MP1B	X	.298	.298	0	%100
54	MP1B	Z	.516	.516	0	%100
55	MP2B	X	.298	.298	0	%100
56	MP2B	Z	.516	.516	0	%100
57	MP3B	X	.298	.298	0	%100
58	MP3B	Z	.516	.516	0	%100
59	MP4B	X	.298	.298	0	%100
60	MP4B	Z	.516	.516	0	%100
61	MP3C	X	.298	.298	0	%100
62	MP3C	Z	.516	.516	0	%100
63	M61	X	.27	.27	0	%100
64	M61	Z	.468	.468	0	%100
65	M66	X	0	0	0	%100
66	M66	Z	0	0	0	%100
67	M71	X	.27	.27	0	%100
68	M71	Z	.468	.468	0	%100
69	M82	X	0	0	0	%100
70	M82	Z	0	0	0	%100
71	M83	X	.343	.343	0	%100
72	M83	Z	.593	.593	0	%100
73	M84	X	.343	.343	0	%100
74	M84	Z	.593	.593	0	%100
75	M86	X	.254	.254	0	%100
76	M86	Z	.439	.439	0	%100
77	M88	X	.627	.627	0	%100
78	M88	Z	1.086	1.086	0	%100
79	M90	X	.254	.254	0	%100
80	M90	Z	.439	.439	0	%100
81	MP4C	X	.298	.298	0	%100
82	MP4C	Z	.516	.516	0	%100
83	M95	X	.271	.271	0	%100
84	M95	Z	.47	.47	0	%100
85	M97	X	.271	.271	0	%100
86	M97	Z	.47	.47	0	%100
87	M99	X	.271	.271	0	%100
88	M99	Z	.47	.47	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f.	.End Location[ft
1	<u>M1</u>	X	0	0	0	%100
2	M1	Z	1.254	1.254	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	.791	.791	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	1.254	1.254	0	%100
7	M4	X	0	0	0	%100
8	M4	Z	.791	.791	0	%100
9	M5	X	0	0	0	%100
10	M5	Z	0	0	0	%100
11	M8	X	0	Ō	0	%100
12	M8	Z	0	Ö	0	%100
13	M9	X	0	Ō	0	%100
14	M9	Z	.314	.314	Ö	%100
15	M10	X	0	0	Ö	%100
16	M10	Z	3e-6	3e-6	0	%100
17	M11	X	0	0	0	%100
18	M11	Z	.314	.314	0	%100 %100
19	M12	X	0	0	0	%100 %100
20	M12	Z	.788	.788	0	%100
21	M13	X	0	0	0	%100 %100
22	M13	Z	.536	.536	0	%100
23	M16	X	0	0	0	%100
24	M16	Z	.697	.697	0	%100 %100
25	M17	X	0	0	0	%100
26	M17	Z	.314	.314	0	%100
27	M18	X	0	0	0	%100 %100
28	M18	Z	.788	.788	0	
29	M19	X	0	0	0	%100
30	M19	Z	.314	.314	0	%100
31	M20	X	.514	.314		%100
32	M20	Z	3e-6	3e-6	0	%100
33	M21	X	0		0	%100
34	M21	Z	.536	0	0	%100
35	M24	X		.536	0	%100
36	M24	Z	.697	0	0	%100
37	MP1A	X		.697	0	%100
38	MP1A	Z	0	0	0	%100
39	MP2A	X	.596	.596	0	%100
40	MP2A		0	0	0	%100
41	MP3A	Z	.596	.596	0	%100
41	MP3A	Z	0	0	0	%100
42			.596	.596	0	%100
	MP4A	X	0	0	0	%100
44	MP4A	Z	.596	.596	0	%100
	MP1C	X	0	0	0	%100
46	MP1C	Z	.596	.596	0	%100
47	MP2C	X	0	0	0	%100
48	MP2C	Z	.596	.596	0	%100
49	MP3CA	X	0	0	0	%100
50	MP3CA	Z	.596	.596	0	%100
51	MP4CA	X	0	0	0	%100
52	MP4CA	Z	.596	.596	0	%100
53	MP1B	X	0	0	0	%100
54	MP1B	Z	.596	.596	0	%100
55	MP2B	X	0	0	0	%100
56	MP2B	Z	.596	.596	0	%100
57	MP3B	X	0	0	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f.	.End Location[ft.
58	MP3B	Z	.596	.596	0	%100
59	MP4B	X	0	0	0	%100
60	MP4B	Z	.596	.596	0	%100
61	MP3C	X	0	0	0	%100
62	MP3C	Z	.596	.596	0	%100
63	M61	X	0	0	0	%100
64	M61	Z	.721	.721	0	%100
65	M66	X	0	0	0	%100
66	M66	Z	.18	.18	0	%100
67	M71	X	0	0	0	%100
68	M71	Z	.18	.18	0	%100
69	M82	X	0	0	0	%100
70	M82	Z	.228	.228	0	%100
71	M83	X	0	0	0	%100
72	M83	Z	.228	.228	0	%100
73	M84	X	0	0	0	%100
74	M84	Z	.914	.914	0	%100
75	M86	X	0	0	0	%100
76	M86	Z	.258	.258	0	%100
77	M88	X	0	0	0	%100
78	M88	Z	1.005	1.005	0	%100
79	M90	X	0	0	0	%100
80	M90	Z	1.005	1.005	0	%100
81	MP4C	X	0	0	0	%100
82	MP4C	Z	.596	.596	0	%100
83	M95	X	0	0	0	%100
84	M95	Z	.543	.543	0	%100
85	M97	X	0	0	0	%100
86	M97	Z	.543	.543	0	%100
87	M99	X	0	0	0	%100
88	M99	Z	.543	.543	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f	End Location[ft.
1	M1	X	47	47	0	%100
2	M1	Z	.815	.815	0	%100
3	M2	X	526	526	0	%100
4	M2	Z	.912	.912	0	%100
5	M3	X	47	47	0	%100
6	M3	Z	.815	.815	0	%100
7	M4	X	132	132	0	%100
8	M4	Z	.229	.229	0	%100
9	M5	X	089	089	0	%100
10	M5	Z	.155	.155	0	%100
11	M8	X	116	116	0	%100
12	M8	Z	.201	.201	0	%100
13	M9	X	47	47	0	%100
14	M9	Z	.815	.815	0	%100
15	M10	X	-,132	132	0	%100
16	M10	Z	.229	.229	0	%100
17	M11	X	47	47	0	%100
18	M11	Z	.815	.815	0	%100
19	M12	X	526	526	0	%100
20	M12	Ž	.912	.912	0	%100
21	M13	X	089	089	0	%100
22	M13	7	.155	.155	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location	End Location[ft
23	M16	X	116	116	O O	%100
24	M16	Z	.201	.201	Ö	%100
25	M17	X	0	0	0	%100 %100
26	M17	Z	0	Ö	0	%100
27	M18	X	131	131	0	%100
28	M18	Z	.227	.227	0	%100
29	M19	X	0	0	0	%100
30	M19	Z	0	0	0	%100
31	M20	X	131	131	0	%100 %100
32	M20	Z	.227	.227	0	%100
33	M21	X	357	357	0	%100
34	M21	Z	.619	.619	ŏ	%100
35	M24	X	465	465	0	%100
36	M24	Z	.805	.805	0	%100
37	MP1A	X	298	298	0	%100 %100
38	MP1A	Z	.516	.516	Ö	%100 %100
39	MP2A	X	298	298	0	%100
40	MP2A	Z	.516	.516	0	%100
41	MP3A	X	298	298	0	%100
42	MP3A	Z	.516	.516	Ö	%100
43	MP4A	X	298	298	0	%100
44	MP4A	Z	.516	.516	0	%100
45	MP1C	X	298	298	0	%100
46	MP1C	Z	.516	.516	0	%100
47	MP2C	X	298	298	0	%100
48	MP2C	Z	.516	.516	0	
49	MP3CA	X	298	298		%100
50	MP3CA	Z	.516	.516	0	%100 %100
51	MP4CA	X	298	298	0	
52	MP4CA	Z	.516	.516	0	%100
53	MP1B	X	298	298	0	%100 %100
54	MP1B	Z	.516	.516	0	
55	MP2B	X	298	298	0	%100
56	MP2B	Z	.516	.516	0	%100 %100
57	MP3B	X	- 298	298		
58	MP3B	Z	.516	.516	0	%100 %100
59	MP4B	X	298	298	0	
60	MP4B	Z	.516	.516	0	%100
61	MP3C	X	298	298	0	%100 %100
62	MP3C	Z	.516	.516	0	%100
63	M61	X	27	27	0	%100 %100
64	M61	Z	.468	.468	0	
65	M66	X	27	27	0	%100 %100
66	M66	Z	.468	.468	0	%100
67	M71	X	0	.400	0	%100 %100
68	M71	Z	0	0	0	%100
69	M82	X	343	343		
70	M82	Z	.593	.593	0	%100 %100
71	M83	X	.393	.595		
72	M83	Ž	0	0	0	%100 %100
73	M84	X	343	343		
74	M84	Z	.593	543	0	%100
75	M86	X	254	254		%100
76	M86	Z	.439	254	0	%100
77	M88	X	254		0	%100
78	M88	Z	.439	254 .439	0	%100
79	M90	X	627		0	%100
13	IVIJU	^	021	627	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f.,	End Location[ft
80	M90	Z	1.086	1.086	0	%100
81	MP4C	X	298	298	0	%100
82	MP4C	Z	.516	.516	0	%100
83	M95	X	271	271	0	%100
84	M95	Z	.47	.47	0	%100
85	M97	X	271	271	0	%100
86	M97	Z	.47	.47	0	%100
87	M99	X	271	271	0	%100
88	M99	Z	.47	.47	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start LocationIf	.End Location[ft
	M1	X	-,272	272	0	%100
2	M1	Z	.157	.157	Ö	%100
3	M2	X	683	683	0	%100
4	M2	Z	.394	.394	0	%100
5	M3	X	272	272	0	%100
6	M3	Z	.157	.157	0	%100
7	M4	X	-3e-6	-3e-6	0	%100
8	M4	Z	2e-6	2e-6	0	%100
9	M5	X	464	464	0	%100
10	M5	Z	.268	.268	0	%100
11	M8	X	604	604	0	%100
12	M8	Z	.349	.349	0	%100
13	M9	X	-1.086	-1.086	0	%100
14	M9	Z	.627	.627	0	%100
15	M10	X	685	685	0	%100
16	M10	Z	.396	.396	0	%100
17	M11	X	-1.086	-1.086	0	%100
18	M11	Z	.627	.627	0	%100
19	M12	X	685	685	0	%100
20	M12	Z	.396	.396	0	%100
21	M13	X	0	0	0	%100
22	M13	Z	0	0	0	%100
23	M16	X	0	0	0	%100
24	M16	Z	0	0	0	%100
25	M17	X	272	272	0	%100
26	M17	Z	.157	.157	0	%100
27	M18	X	-3e-6	-3e-6	0	%100
28	M18	Z	2e-6	2e-6	0	%100
29	M19	X	272	272	0	%100
30	M19	Z	.157	.157	0	%100
31	M20	X	683	683	0	%100
32	M20	Z	.394	.394	0	%100
33	M21	X	464	464	0	%100
34	M21	Z	.268	.268	0	%100
35	M24	X	604	604	0	%100
36	M24	Z	.349	.349	0	%100
37	MP1A	X	516	516	0	%100
38	MP1A	Z	.298	.298	0	%100
39	MP2A	X	516	516	0	%100 %100
40	MP2A	Z	.298	.298	0	%100 %100
41	MP3A	X	516	516	0	%100
42	MP3A	Z	.298	.298	0	%100 %100
43	MP4A	X	516	516	0	%100
44	MP4A	Z	.298	.298	U	%100

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

	TRUBE CAROTA INTERNA	Marchines	1920 10 10 10 10 10 10 10 10 10 10 10 10 10	II (E40 Deg/) (Continu		3 E72 WW SE 000
AF	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]		fEnd Location[ft.
45 46	MP1C	X	516	516	0	%100
	MP1C	Z	.298	.298	0	%100
47	MP2C	X	516	516	.0	%100
48	MP2C	Z	.298	.298	0	%100
49	MP3CA	X	516	516	0	%100
50	MP3CA	Z	.298	.298	0	%100
51	MP4CA	X	516	516	0	%100
52	MP4CA	Z	.298	.298	0	%100
53	MP1B	X	516	516	0	%100
54	MP1B	Z	.298	.298	0	%100
55	MP2B	X	516	516	0	%100
56	MP2B	Z	.298	.298	0	%100
57	MP3B	X	516	516	0	%100
58	MP3B	Z	.298	.298	0	%100
59	MP4B	X	516	516	0	%100
60	MP4B	Z	.298	.298	0	%100
61	MP3C	X	516	- .516	0	%100
62	MP3C	Z	.298	.298	0	%100
63	M61	X	156	156	0	%100
64	M61	Z	.09	.09	0	%100
65	M66	X	624	624	0	%100
66	M66	Z	.361	.361	0	%100
67	M71	X	156	156	0	%100
68	M71	Z	.09	.09	0	%100
69	M82	X	791	791	0	%100
70	M82	Z	.457	.457	0	%100
71	M83	X	198	198	0	%100
72	M83	Z	.114	.114	0	%100
73	M84	X	198	198	0	%100
74	M84	Z	.114	.114	0	%100
75	M86	X	87	87	0	%100
76	M86	Z	.503	.503	0	%100
77	M88	X	- 224	224	0	%100
78	M88	Z	.129	.129	0	%100
79	M90	X	87	87	0	%100
80	M90	Z	.503	.503	0	%100
81	MP4C	X	516	516	0	%100
82	MP4C	Z	.298	.298	0	%100
83	M95	X	47	47	0	%100
84	M95	Z	.271	.271	0	%100
85	M97	X	47	47	0	%100
86	M97	Z	.271	.271	0	%100
87	M99	X	47	47	0	%100
88	M99	Z	.271	.271	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F.ksf]	Start Location[f.	.End Location[ft.
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	262	262	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	0	0	0	%100
7	M4	X	262	262	0	%100
8	M4	Z	0	0	0	%100
9	M5	X	715	715	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f	End Location[ft
10	M5	Z	0	0	0	%100
11	M8	X	93	93	0	%100
12	M8	Z	0	0	0	%100
13	M9	X	941	941	0	%100
14	M9	Z	0	0	0	%100
15	M10	X	-1.053	-1.053	0	%100
16	M10	Z	0	0	0	%100
17	M11	X	941	941	0	%100
18	M11	Z	0	0	0	%100
19	M12	X	265	265	0	%100
20	M12	Z	0	0	0	%100
21	M13	X	179	179	0	%100
22	M13	Z	0	0	0	%100
23	M16	X	232	232	0	%100
24	M16	Z	0	0	0	%100
25	M17	X	941	941	0	%100
26	M17	Z	0	0	0	%100
27	M18	X	265	265	0	%100
28	M18	Z	0	0	0	%100
29	M19	X	941	941	0	%100
30	M19	Z	0	0	0	%100
31	M20	X	-1.053	-1.053	0	%100
32	M20	Z	0	0	0	%100
33	M21	X	179	179	0	%100
34	M21	Z	0	0	0	%100
35	M24	X	232	232	0	%100
36	M24	Z	0	0	0	%100
37	MP1A	X	596	596	0	%100
38	MP1A	Z	0	0	0	%100
39	MP2A	X	596	596	0	%100
40	MP2A	Z	0	0	0	%100
41	MP3A	X	596	596	0	%100
42	MP3A	Z	0	0	0	%100
43	MP4A	X	596	596	0	%100
44	MP4A	Z	0	0	0	%100
45	MP1C	X	596	596	0	%100
46	MP1C	Z	0	0	0	%100
47	MP2C	X	596	596	0	%100
48	MP2C	Z	0	0	0	%100
49	MP3CA	X	596	596	0	%100
50	MP3CA	Z	0	0	0	%100
51	MP4CA	X	596	596	0	%100
52	MP4CA	Z	0	0	0	%100
53	MP1B	X	596	596	0	%100
54	MP1B	Z	0	0	0	%100
55	MP2B	X	596	596	0	%100
56	MP2B	Z	0	0	0	%100
57	MP3B	X	596	596	0	%100
58	MP3B	Z	0	0	0	%100
59	MP4B	X	596	596	0	%100
60	MP4B	Z	0	0	0	%100
61	MP3C	X	596	596	00	%100
62	MP3C	Z	0	0	0	%100
63	M61	X	0	0	0	%100
64	M61	Z	0	0	0	%100
65	M66	X	541	541	0	%100
66	M66	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Locationif	.End Location[ft
67	M71	X	541	541	0	%100
68	M71	Z	0	0	0	%100
69	M82	X	685	685	0	%100
70	M82	Z	0	0	0	%100
71	M83	X	685	685	0	%100
72	M83	Z	0	0	0	%100
73	M84	X	0	0	0	%100
74	M84	Z	0	0	0	%100
75	M86	X	-1.254	-1.254	0	%100
76	M86	Z	0	0	0	%100
77	M88	X	507	507	0	%100
78	M88	Z	0	0	0	%100
79	M90	X	507	507	0	%100
80	M90	Z	0	0	0	%100
81	MP4C	X	596	596	0	%100
82	MP4C	Z	0	0	0	%100
83	M95	X	543	543	0	%100
84	M95	Z	0	0	0	%100
85	M97	X	543	543	0	%100
86	M97	Z	0	0	0	%100
87	M99	X	543	543	0	%100
88	M99	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F.ksf]	Start Location[f	End Location[ft.
1	M1	X	272	272	0	%100
2	M1	Z	-,157	157	0	%100
3	M2	X	-3e-6	-3e-6	0	%100
4	M2	Z	-2e-6	-2e-6	0	%100
5	M3	X	272	272	0	%100
6	M3	Z	157	157	0	%100
7	M4	X	683	683	0	%100
8	M4	Z	394	394	0	%100
9	M5	X	464	464	0	%100
10	M5	Z	268	-,268	0	%100
11	M8	X	604	604	0	%100
12	M8	Z	349	349	0	%100
13	M9	X	272	272	0	%100
14	M9	Z	157	157	0	%100
15	M10	X	683	683	0	%100
16	M10	Z	394	394	0	%100
17	M11	X	272	272	0	%100
18	M11	Z	157	157	0	%100
19	M12	X	-3e-6	-3e-6	0	%100
20	M12	Z	-2e-6	-2e-6	0	%100
21	M13	X	464	- 464	0	%100
22	M13	Z	268	268	0	%100
23	M16	X	604	604	0	%100
24	M16	Z	349	349	0	%100
25	M17	X	-1.086	-1.086	0	%100
26	M17	Z	627	627	0	%100
27	M18	X	685	685	0	%100
28	M18	Z	396	396	0	%100
29	M19	X	-1.086	-1.086	0	%100
30	M19	Z	627	627	0	%100
31	M20	X	685	685	0	%100

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

7/	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f	End Location[ft
32	M20	Z	396	396	0	%100
33	M21	X	0	0	00	<u>%100</u>
34	M21	Z	0	0	0	%100
35	M24	X	0	0	0	%100
36	M24	Z	0	0	0	%100
37	MP1A	X	516	516	0	%100
38	MP1A	Z	298	298	0	%100
39	MP2A	X	516	516	0	%100
40	MP2A	Z	298	298	0	%100
41	MP3A	X	516	516	0	%100
42	MP3A	Z	298	298	0	%100
43	MP4A	X	516	516	0	%100
44	MP4A	Z	298	298	0	%100
45	MP1C	X	516	516	0	%100
46	MP1C	Z	298	298	0	%100
47	MP2C	X	516	516	0	%100
48	MP2C	Z	298	298	0	%100
49	MP3CA	X	516	516	0	%100
50	MP3CA	Z	298	298	0	%100
51	MP4CA	X	516	516	0	%100
52	MP4CA	Z	298	298	0	%100
53	MP1B	X	516	516	0	%100
54	MP1B	Z	298	298	0	%100
55	MP2B	X	516	516	0	%100
56	MP2B	Z	298	298	0	%100
57	MP3B	X	516	516	0	%100
58	MP3B	Z	298	298	0	%100
59	MP4B	X	516	516	0	%100
60	MP4B	Z	298	298	0	%100
61	MP3C	X	516	516	0	%100
62	MP3C	Z	298	298	0	%100
63	M61	X	156	156	0	%100
64	M61	Z	09	09	0	%100
65	M66	X	156	156	0	%100
66	M66	Z	09	09	0	%100
67	M71	X	624	624	0	%100
68	M71	Z	361	361	0	%100
69	M82	X	198	198	0	%100
70	M82	Z	114	114	0	%100
71	M83	X	791	791	0	%100
72	M83	Z	457	457	0	%100
73	M84	X	198	198	0	%100
74	M84	Z	114	114	0	%100
75	M86	X	87	87	0	%100
76	M86	Z	503	503	0	%100
77	M88	X	87	87	0	%100
78	M88	Z	503	503	0	%100
79	M90	X	224	224	0	%100
80	M90	Z	129	129	0	%100
81	MP4C	X	516	516	0	%100
82	MP4C	Z	298	298	0	%100
83	M95	X	47	47	0	%100
84	M95	Z	271	271	0	%100
85	M97	X	47	47	0	%100
86	M97	Z	271	271	0	%100
87	M99	X	47	47	0	%100
88	M99	Z	271	271	0	%100
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Member Distributed Loads (BLC 76 : Structure Wm (330 Deg))

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start LocationIf	End Location[ft
1	M1		47	47	0	%100
2	M1	X	815	815	0	%100
3	M2	X	132	132	0	%100
4	M2	Z	229	229	0	%100
5	M3	X	47	47	0	%100
6	M3	Z	815	815	0	%100
7	M4	X	526	526	0	%100
8	M4	Z	912	912	0	%100
9	M5	X	089	089	0	%100
10	M5	Z	155	155	0	%100
11	M8	X	116	116	0	%100
12	M8	Z	201	201	0	%100
13	M9	X	0	0	0	%100
14	M9	Z	0	0	0	%100
15	M10	X	131	131	0	%100
16	M10	Z	227	227	0	%100
17	M11	X	0	0	0	%100
18	M11	Z	0	0	0	%100
19	M12	X	131	131	0	%100
20	M12	Z	227	227	0	%100
21	M13	X	357	357	0	%100
22	M13	Z	619	619	0	%100
23	M16	X	465	465	0	%100
24	M16	Z	805	805	0	%100
25	M17	X	47	47	0	%100
26	M17	Z	815	815	0	%100
27	M18	X	526	526	0	%100
28	M18	Z	912	912	0	%100
29	M19	X	47	47	0	%100
30	M19	Z	815	815	0	%100
31	M20	X	-,132	132	.0	%100
32	M20	Z	229	229	0	%100
33	M21	X	089	089	0	%100
34	M21	Z	155	155	0	%100
35	M24	X	116	116	0	%100
36	M24	Z	201	201	0	%100
37	MP1A	X	298	298	0	%100
38	MP1A	Z	516	516	0	%100
39	MP2A	X	298	298	0	%100
40	MP2A	Z	516	516	0	%100
41	MP3A	X	298	298	0	%100
42	MP3A	Z	516	516	0	%100
43	MP4A	X	298	298	0	%100
44	MP4A	Z	516	516	0	%100
45	MP1C	X	298	298	0	%100
46	MP1C	Z	516	516	0	%100
47	MP2C	X	298	298	0	%100
48	MP2C	Z	-,516	516	0	%100
49	MP3CA	X	298	298	0	%100
50	MP3CA	Z	516	516	0	%100
51	MP4CA	X	298	298	0	%100
52	MP4CA	Z	516	516	0	%100
53	MP1B	X	298	298	0	%100
54	MP1B	Z	516	516	0	%100
55	MP2B	X	298	298	0	%100
56 57	MP2B MP3B		516	516	0	%100
JI I	IVIFOD	X	298	298	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f.	.End Location[ft
.58	MP3B	Z	-,516	516	0	%100
59	MP4B	X	298	298	0	%100
60	MP4B	Z	516	516	0	%100
61	MP3C	X	298	298	0	%100
62	MP3C	Z	516	516	0	%100
63	M61	X	27	27	0	%100
64	M61	Z	-,468	468	0	%100
65	M66	X	0	0	0	%100
66	M66	Z	0	0	0	%100
67	M71	X	27	27	0	%100
68	M71	Z	468	468	0	%100
69	M82	X	0	0	0	%100
70	M82	Z	0	0	0	%100
71	M83	X	-,343	343	0	%100
72	M83	Z	593	593	0	%100
73	M84	X	343	343	0	%100
74	M84	Z	593	593	0	%100
75	M86	X	254	254	0	%100
76	M86	Z	-,439	439	0	%100
77	M88	X	627	627	0	%100
78	M88	Z	-1.086	-1.086	0	%100
79	M90	X	254	254	0	%100
80	M90	Z	439	439	0	%100
81	MP4C	X	298	298	0	%100
82	MP4C	Z	516	516	0	%100
83	M95	X	271	271	0	%100
84	M95	Z	47	47	0	%100
85	M97	X	271	271	0	%100
86	M97	Z	47	47	0	%100
87	M99	X	271	271	0	%100
88	M99	Z	47	47	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f	End Location[ft.
1	M1	Y	102	-3.017	0	2
2	M1	Y	-3.017	-4.935	2	4
3	M1	Y	-4.935	-4.659	4	6
4	M1	Y	-4.659	-4.659	6	8
5	M1	Y	-4.659	-4.935	8	10
6	M1	Y	-4.935	-3.017	10	12
7	M1	Y	-3.017	102	12	14
8	M2	Y	5	-2.435	0	1.923
9	M2	Y	-2.435	-4.37	1.923	3.845
10	M3	Y	-5.056	-5.056	.013	7.32
11	M4	Ý	-4.37	-2.435	0	1.923
12	M4	Ý	-2.435	5	1.923	3.845
13	M9	Ý	-1.029	-2.633	0	2.333
14	M9	Y	-2.633	-4.712	2,333	4.667
15	M9	Y	-4.712	-5.988	4.667	7
16	M9	Y	-5.988	-4.712	7	9.333
17	M9	Ÿ	-4.712	-2.633	9,333	11.667
18	M9	Y	-2.633	-1.029	11.667	14
19	M10	V	5	-2.435	0	1.923
20	M10	Y	-2.435	-4.37	1.923	3.845
21	M11	Y	-5.056	-5.056	.013	7.32
22	M12	V	-4.37	-2.435	0	1.923



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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f.	.End Location[ft
23	M12	Y	-2.435	5	1.923	3.845
24	M17	Υ	-1.029	-2.633	0	2.333
25	M17	Y	-2.633	-4.712	2.333	4.667
26	M17	Y	-4.712	-5.988	4.667	7
27	M17	Y	-5.988	-4.712	7	9.333
28	M17	Υ	-4.712	-2.633	9.333	11.667
29	M17	Υ	-2.633	-1.029	11.667	14
30	M18	Y	5	-2.435	0	1.923
31	M18	Y	-2.435	-4.37	1.923	3.845
32	M19	Y	-5.056	-5.056	.013	7.32
33	M20	Υ	-4.37	-2.435	0	1.923
34	M20	Y	-2.435	5	1.923	3.845

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f	End Location[ft
1	M1	Y	307	-9.109	0	2
2	M1	Y	-9.109	-14.899	2	4
3	M1	Y	-14.899	-14.066	4	6
4	M1	Y	-14.066	-14.066	6	8
5	M1	Y	-14.066	-14.899	8	10
6	M1	Y	-14.899	-9.109	10	12
7	M1	Υ	-9.109	307	12	14
8	M2	Y	-1.508	-7.351	0	1.923
9	M2	Y	-7.351	-13.193	1.923	3.845
10	M3	Y	-15.265	-15.265	.013	7.32
11	M4	Y	-13.193	-7.351	0	1.923
12	M4	Y	-7.351	-1.508	1.923	3.845
13	M9	Y	-3.106	-7.949	0	2.333
14	M9	Y	-7.949	-14.225	2.333	4.667
15	M9	Y	-14.225	-18.08	4.667	7
16	M9	Y	-18.08	-14.225	7	9.333
17	M9	Υ	-14.225	-7.949	9.333	11.667
18	M9	Y	-7.949	-3.106	11.667	14
19	M10	Υ	-1.508	-7.351	0	1.923
20	M10	Υ	-7.351	-13.193	1.923	3.845
21	M11	Υ	-15.265	-15.265	.013	7.32
22	M12	Y	-13.193	-7.351	0	1.923
23	M12	Y	-7.351	-1.508	1.923	3.845
24	M17	Y	-3.106	-7.949	0	2.333
25	M17	Υ	-7.949	-14.225	2.333	4.667
26	M17	Y	-14.225	-18.08	4.667	7
27	M17	Y	-18.08	-14.225	7	9.333
28	M17	Υ	-14.225	-7.949	9.333	11.667
29	M17	Υ	-7.949	-3.106	11.667	14
30	M18	Y	-1.508	-7.351	0	1.923
31	M18	Y	-7.351	-13.193	1.923	3.845
32	M19	Υ	-15.265	-15.265	.013	7.32
33	M20	Υ	-13.193	-7.351	0	1.923
34	M20	Y	-7.351	-1.508	1.923	3.845

Member Distributed Loads (BLC 89 : BLC 84 Transient Area Loads)

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start LocationIf.	.End Location[ft
1	M1	Υ	004	117	0	2
2	M1	Y	117	191	2	4
3	M1	Υ	191	18	4	6
4	M1	Y	18	18	6	8

Member Distributed Loads (BLC 89 : BLC 84 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f.	
5	M1	Y	18	191	8	10
6	M1	Y	191	117	10	12
7	M1	Y	117	004	12	14
8	M2	Y	019	094	0	1.923
9	M2	Y	094	169	1.923	3.845
10	M3	Y	195	195	.013	7.32
11	M4	Ý	169	094	0	1.923
12	M4	Y	094	019	1.923	3.845
13	M9	Y	04	102	0	2.333
14	M9	Y	102	182	2.333	4.667
15	M9	Y	182	231	4.667	7
16	M9	Y	-,231	182	7	9.333
17	M9	Y	182	-,102	9.333	11.667
18	M9	Y	102	04	11.667	14
19	M10	Y	019	094	0	1.923
20	M10	Y	094	169	1.923	3.845
21	M11	Y	195	195	.013	7.32
22	M12	Y	169	094	0	1.923
23	M12	Y	094	019	1.923	3.845
24	M17	Y	04	102	0	2.333
25	M17	Y	102	182	2.333	4.667
26	M17	Y	-,182	231	4.667	7
27	M17	Y	231	182	7	9.333
28	M17	Y	182	102	9.333	11.667
29	M17	Y	-,102	04	11,667	14
30	M18	Y	019	094	0	1.923
31	M18	Y	094	169	1,923	3.845
32	M19	Y	195	195	.013	7.32
33	M20	Ý	169	094	0	1.923
34	M20	Y	094	019	1.923	3.845

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f.	.End Location[ft.
1	M1	Z	01	291	0	2
2	M1	Z	-,291	476	2	4
3	M1	Z	-,476	45	4	6
4	M1	Z	45	45	6	8
5	M1	Z	45	476	8	10
6	M1	Z	476	291	10	12
7	M1	Z	291	01	12	14
8	M2	Z	048	235	0	1.923
9	M2	Z	235	422	1.923	3.845
10	M3	Z	488	488	.013	7.32
11	M4	Z	422	235	0	1.923
12	M4	Z	235	048	1.923	3.845
13	M9	Z	099	254	0	2.333
14	M9	Z	254	455	2.333	4.667
15	M9	Z	455	578	4.667	7
16	M9	Z	578	455	7	9.333
17	M9	Z	455	254	9.333	11.667
18	M9	Z	254	099	11.667	14
19	M10	Z	048	235	0	1.923
20	M10	Z	235	422	1.923	3.845
21	M11	Z	488	488	.013	7.32
22	M12	Z	-,422	235	0	1.923
23	M12	Z	235	048	1.923	3.845



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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[f.	.End Location[ft
24	M17	Z	099	254	0	2.333
25	M17	Z	254	455	2.333	4.667
26	M17	Z	455	578	4.667	7
27	M17	Z	578	455	7	9.333
28	M17	Z	455	254	9.333	11.667
29	M17	Z	254	099	11.667	14
30	M18	Z	048	235	0	1.923
31	M18	Z	235	422	1.923	3.845
32	M19	Z	488	488	.013	7.32
33	M20	Z	422	235	0	1.923
34	M20	Z	235	048	1.923	3.845

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start LocationIf	.End Location[ft
1	M1	X	.01	.291	0	2
2	M1	X	.291	.476	2	4
3	M1	X	.476	.45	4	6
4	M1	X	.45	.45	6	8
5	M1	X	.45	.476	8	10
6	M1	X	.476	.291	10	12
7	M1	X	.291	.01	12	14
8	M2	X	.048	.235	0	1.923
9	M2	X	.235	.422	1.923	3.845
10	M3	X	.488	.488	.013	7.32
11	M4	X	.422	.235	0	1.923
12	M4	X	.235	.048	1.923	3.845
13	M9	X	.099	.254	0	2.333
14	M9	X	.254	.455	2.333	4.667
15	M9	X	.455	.578	4.667	7
16	M9	X	.578	.455	7	9.333
17	M9	X	.455	.254	9.333	11.667
18	M9	X	.254	.099	11.667	14
19	M10	X	.048	.235	0	1.923
20	M10	X	.235	.422	1.923	3.845
21	M11	X	.488	.488	.013	7.32
22	M12	X	.422	.235	0	1.923
23	M12	X	.235	.048	1.923	3.845
24	M17	X	.099	.254	0	2.333
25	M17	X	.254	.455	2.333	4.667
26	M17	X	.455	.578	4.667	7
27	M17	Х	.578	.455	7	9.333
28	M17	X	.455	.254	9.333	11.667
29	M17	X	.254	.099	11.667	14
30	M18	X	.048	.235	0	1.923
31	M18	X	.235	.422	1.923	3.845
32	M19	X	.488	.488	.013	7.32
33	M20	X	.422	.235	0	1.923
34	M20	X	.235	.048	1.923	3.845

Member Area Loads (BLC 39 : Structure D)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N3	N6	N5	N2	Y	Two Way	005
2	N13	N16	N15	N12	Y	Two Way	005
3	N23	N26A	N25	N22	Y	Two Way	005



Member Area Loads (BLC 40 : Structure Di)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N3	N6	N5	N2	Y	Two Way	016
2	N13	N16	N15	N12	Υ	Two Way	016
3	N23	N26A	N25	N22	Υ	Two Way	016

Member Area Loads (BLC 84 : Structure Ev)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N3	N6	N5	N2	Y	Two Way	000201
2	N13	N16	N15	N12	Y	Two Way	000201
3	N23	N26A	N25	N22	Y	Two Way	000201

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

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N3	N6	N5	N2	Z	Two Way	000502
2	N13	N16	N15	N12	Z	Two Way	000502
3	N23	N26A	N25	N22	Z	Two Way	000502

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

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N3	N6	N5	N2	X	Two Way	.000502
2	N13	N16	N15	N12	X	Two Way	.000502
3	N23	N26A	N25	N22	X	Two Way	.000502

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	N7	max	1930.53	9	1787.985	21	1205.517	1	883	1	1.513	8	.455	3
2			-2107.163	3	426.345	68	-1199.954	7	-3.991	19	-1.635	2	518	9
3	N17	max	1697.43	10	1863.908	17	1800.669	1	2.026	13	1.692	5	3.799	16
4			-1693.188	4	444.235	64	-1902.273	7	.145	7	-1.63	11	.741	10
5	N27		1460.612	10	1743.777	24	1827.094	12	2.205	13	1.467	12	799	67
6			-1508.602	4	422.73	72	-1758.874	6	.343	7	-1.4	6	-3.394	22
7	N134	max		10	1407.609	13	-876.242	70	0	75	0	4	0	10
8		min		4	341.217	70	-3606.879	13	0	1	0	10	0	4
9	N136		-727.854	66	1402.559	21	1796.322	21	0	6	0	48	0	48
10			-3111.684	21	328.075	66	420.22	66	001	48	0	6	0	6
11	N137		3407.455	17	1527.632	17	1967.57	17	0	8	0	8	0	8
12			807.217	74	361.73	74	465.927	73	0	2	0	2	0	2
13	Totals:		4793.568	10	9632.752	18	4606.664	1						
14			-4793.568	4	2362.849	75	-4606.658	7						

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

	Member	Shape	Code Check	L	LC	Shear Check			phi*Pn					
1	M1	L3X3X5	.457	2	47	.128			5 19170					
2	M2	L3X3X5	.239	0	14	.034	.961	Z 18	41471	57672	2.015	4.572	3 H2	2-1
3	M3	L3X3X5	.137	3	18	.016			17649					
4	M4	L3X3X5	.240	3	24	.039			341471					
5	M5	HSS4X4X5	.233	0	18	.074			169034.					
6	M8	HSS4.5X4	.151	0	16	.054	0	y 17	119907.	.121302	16.25	16.25		
7	M9	L3X3X5	.382	0	15	.118			19170			-	1 H2	_
8	M10	L3X3X5	.216	0	22	.031	.961	Z 14	41471	57672	2.015	4.572	3 H2	2-1
9	M11	L3X3X5	.138	3	17	.017	3.667	z 18	17649	57672	2.015	4.317	1 H2	2-1
10	M12	L3X3X5	.264	3	20	.037			41471					
11	M13	HSS4X4X5	.251	0	17	.083	0	z 5	169034.	169740	19.285	19.285	1H1	i-1b



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

	Member	Shape	Code Check	L	LC	Shear Check	Loc[ft]DirLC phi*Pn phi*Pntphi*Mnphi*MnCb Equ
12	M16	HSS4.5X4	.164	0	18	.059	0 y 24 119907 121302 16.25 16.25 1 H1-
13	M17	L3X3X5	.349	0	23	.081	7 z 15 19170 57672 2.015 2.99 1 H2-
14	M18	L3X3X5	.216	0	18	.034	.961 z 4241471 57672 2.015 4.572 3 H2-
15	M19	L3X3X5	.129	3	13	.016	3.667 z 14 17649 57672 2.015 4.321 1 H2-
16	M20	L3X3X5	.238	3	16	.034	2.884 z 15.41471 57672 2.015 4.572 3 H2-
17	M21	HSS4X4X5	.231	0	24	.068	0 z 1 169034169740 19.285 19.285 1 H1-
18	M24	HSS4.5X4	.157	0	14	.055	0 y 21 119907 121302 16.25 16.25 1 H1-
19	MP1A	PIPE 2.0	.212	2	2	.065	.438 16 20866 32130 1.872 1.872 1 H1-
20	MP2A	PIPE 2.0	.084	2	3	.045	1.438 6 20866 32130 1.872 1.872 2 H1-1
21	MP3A	PIPE 2.0	.372	2	1	.065	2.875 1 20866 32130 1.872 1.872 4H1-
22	MP4A	PIPE 2.0	.182	2	23	.035	2.875 8 20866 32130 1.872 1.872 3 H1-1
23	MP1C	PIPE 2.0	.187	2	23	.038	1.438 12 20866 32130 1.872 1.872 3H1-1
24	MP2C	PIPE 2.0	.086	2	11	.052	1.438 14 20866 32130 1.872 1.872 2H1-1
25	MP3CA	PIPE 2.0	.254	2	11	.106	2.875 11 20866 32130 1.872 1.872 1H1-1
26	MP4CA	PIPE 2.0	.237	2	18	.093	.375 14 20866 32130 1.872 1.872 1H1-1
27	MP1B	PIPE 2.0	.247	2	5	.056	.438 7 20866 32130 1.872 1.872 1 H1-1
28	MP2B	PIPE 2.0	.072	2	1	.046	.375 4 20866 32130 1.872 1.872 3H1-1
29	MP3B	PIPE 2.0	.372	2	5	.063	2.875 4 20866 32130 1.872 1.872 1H1-1
30	MP4B	PIPE 2.0	.216	2	15	.044	2.875 24 20866 32130 1.872 1.872 2 H1-1
31	MP3C	PIPE 2.0	.099	5	11	.049	1 3 20866 32130 1.872 1.872 1H1-1
32	M61	PIPE 2.5	.081	1	15	.040	10.1 6 12481 50715 3.596 3.596 1 H1-1
33	M66	PIPE 2.5	.101	6	14	.057	11.9 14 12481 50715 3.596 3.596 1 H1-1
34	M71	PIPE 2.5	.062	1	12	.040	2.672 24 12481 50715 3.596 3.596 1 H1-1
35	M82	L3X3X4	.090	0	5	.059	2.178 y 44 42001 46656 1.688 3.756 2 H2-
36	M83	L3X3X4	.157	2	15	.034	2.178 y 16 42001 46656 1.688 3.756 1 H2-
37	M84	L3X3X4	.091	0	15	.029	0 y 16 42001 46656 1.688 3.756 1 H2-
38	M86	LL3x3x3x6	.084	6	13	.004	0 y 16 46017 70632 6.362 3.751 1 H1-1
39	M88	LL3x3x3x6	.084	6	21	.007	0 y 48 46017 70632 6.362 3.751 1 H1-1
40	M90	LL3x3x3x6	.092	6	17	.005	0 y 20 46017 70632 6.362 3.751 1 H1-1
41	MP4C	PIPE 2.0	.075	1	5	.035	1 3 20866 32130 1.872 1.872 2H1-1
42	M95	PIPE 2.0	.158	3	7	.016	3 7 26521 32130 1.872 1.872 1 H1-1
43	M97	PIPE 2.0	.158	3	1	.016	3 1 26521 32130 1.872 1.872 1H1-1
44	M99	PIPE_2.0	.057	3	10	.006	3 10 26521 32130 1.872 1.872 1 H1-1



Client:	Verizon Wireless	Date:	6/9/2023
Site Name:	Bloomfield 3 CT		
MDG #:	5000383112		
Fuze ID #:	16272375	Page:	1

Version 1.01

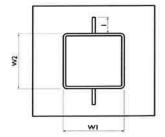
I. Mount-to-Tower Connection Check

Custom Orientation Required	No
Tower Connection Bolt Checks	No
Tower Connection Baseplate Checks	No
Tower Connection Weld Checks	Yes
Weld Shape:	Rectangle

TOWER COMMERCION FRENCH
Weld Shape:
Weld Stiffener Configuration:
Stiffener Notch Present?
Stiffener Length, I (in):
Stiffener Spacing/Width, s (in):
Stiffener Notch Length, n (in):
Weld Size (1/16 in):
W1 (in):
W2 (in):
Weld Total Length (in):
$Z_x (in^3/in)$:
Z _y (in³/in):
J _p (in⁴/in):
c _x (in)
c _y (in)
Required combined strength (kip/in):
Weld Capacity (kip/in):

Weld Utilization:

	Rectangle
	(1) Stiffener on top/bottom
	Yes
L	3
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	28.00
	59.62
	21.33
	286.33
	5.25
	5.25
	1.01
	6.96
	14.5%





MOUNT MODIFICATION DRAWINGS EXISTING 14.00' PLATFORM

verizon

Doing Buaness as MASER

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TOWER OWNER SITE NUMBER: N/A TOWER OWNER: N/A

CARRIER SITE NAME: BLOOMFIELD 3 CT CARRIER SITE NUMBER: 5000383112 FUZE ID: 16272375

BLOOMFIELD, CT 06002 HARTFORD COUNTY 785 NEW PARK AVE

LONGITUDE: 72.733233° W LATITUDE: 41.828486° N

DESIGN CRITERIA

BASIC WIND SPEED (3 SECOND GUST), V = 120 MPH EXPOSURE CATEGORY C TOPOGRAPHIC CATEGORY I MEAN BASE ELEVATION (AMSL) = 11867

SESMIC DESIGN CATEGORY B SHORT TERM MCER GROUND MOTION, $S_{\rm S}=0.181$ LONG TERM MCER GROUND MOTION, $S_{\rm S}=0.055$

SEISMIC LOADS

ICE WIND SPEED (3 SECOND GUST), Y = 50 MPH ICE THICKNESS = 1.50 IN

ICE LOADS

SHEET INDEX 51-1 ITILESHEET
SOON | BLLO FATEBALLS
SSON | GENERAL NOTES
SCF-| CLIMBING FACULTY DETAIL
SS-| HOODERATON DETAIL
SS-| HOODERATON STANL
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PETER ALBANO
856 797.0412
PETER ALBANO@COLLIENSENGINEERING COM PROJECT INFORMATION CONTRACTOR PMI REQUIREMENTS CLIENT REPRESENTATIVE PROJECT MANAGER APPLICANT/LESSEE COMPANY: CONTACT: PHONE E-MAIL:

STAMFORD 1005 WASHINGTON BOLLEWAY

Collect Supplements Contigu

TITLE SHEET 감

PMI LOCATION: HTTPS://PMI VZWSPART.COM PINART TOOL PROJECT # 10203517 10203517 SWA LOCATION CODE (PSLQ): 5000383112 ANALYSE DATE 6970023

785 NEW PARK AVE BLOOMFIELD, CT 06002 HARTFORD COUNTY BLOOMFIELD 3 CT 5000383112

SITE NAME:

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THIS DRAWING AAAD ALL REIGHGWANDOL COMTAINED HERBIN IS AUTHORITED ON THE PARTY TOWN WHOM THE CHIRD THE WORK WAY NOT SECONED, BRISED, DRICKINGED, DRIVING THE CHIRD THE WORK WAY NOT SECONED, BRISED, DRICKINGED, DRIVENIEN HOUT THE SERVEN WHILD THE

			SEC	SECTION I - VZWSMART KITS		
MANUFACTURER	CTURER	PART NUMBER	DESCRIPTION	NOTES	UNIT WEIGHT (LBS.)	WEIGHT (LBS
		VZWSMART-RLK3	SUPPORT RAIL CORNER BRACKET		30	8
		VZWSMART-PLKS	XICKER KIT	CONTRACTOR TO VERIFY THE LENGTH REQUIRED AND TRIM AS NECESSARY IN ACCORDANCE WITH THE STRUCTURAL STEEL NOTES ON SHEET SGIN-I.	291	162
		VZWSMART-PLK7	MONOPOLE COLLAR MOUNT ASSEMBLY		150	150
		VZWSMART-MSK3D	PIRE TO PIRE CLAMPS		42	94
VZWSMART	4ART	VZWSMART-P40-238X072	72" LONG, PIPE 2 STD (2.375"OD X 0.154" THK)		22	44
1		VZWSMART-MSKI	CROSSOVER PLATE		4-	891
_		VZWSMART-MSK6	BACK TO BACK CROSSOVER PLATE		34	102
		VZWSMART-P40-238X048	48" LONG, RPE 2 SCH40 (2375"OD X 0.154" THK)		15	\$
			SECTIO	SECTION 2 - OTHER REQUIRED PARTS		
MANUFACTURER	CTURER	PART NUMBER	DESCRIPTION	NOTES	UNIT WEIGHT (LBS.)	WEIGHT (LBS
*1		•	62" LONG, P2 1/2 STD PIPE	GALYANIZED.	P.	752
1000		(30)	30" LONG, L3x3x1/4 ANGLE	GALVANIZED. CONTRACTOR TO VERIEY THE LENGTH REQUIRED AND TRIM AS NECESSARY IN ACCORDANCE WITH THE STRUCTURAL STEEL NOTES ON SHEET SGN-1,	13	39
×		×	6" LONG, HSS3x3x1/4 SHIM	GALVANIZED.	5	30
				_		

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NOTES

THE MANUFACTURERS LISTED ARE THE APPROVED VENDORS FOR THE VZW MOUNT KITS. EACH MANUFACTURER WILL BE ANAME OF WHICH KITS IAVE BEEN INROUGH THE VZW APPROVAL PROCESS AND THEY ARE IN TURN APPROVED TO SELL PLEASE NOTE THAT THE MATRIAL UTILIZED ON THE MOUNT MODIFICATIONS WILL BE REVIEWED AS A PART OF THE DEKYTOP PHI COMPLETED BY THE KARAT TOOL VENDOR. IT WILL BE REQUIRED THAT THE VZW KITS SPECIFIED ARE UTILIZED IN THE MODIFICATIONS.

2. ALL MATERIALS REQUIRED FOR THE DESIGNED MODIFICATIONS BUT NOT LISTED IN THIS SHEET ARE ASSUMED TO BE PROVIDED BY THE CONTRACTOR.

VZWSMART KITS - APPROVED VENDORS SALVADOR ANGUIANO@COMMSCOPECOM PERFECTVISION PRESTECTVISION WHELESSALES (H4) 887-873 WWATESSALEEGERETANDHOOH WHELESSALEEGERETANDHOOH SABRE INDUSTRIES, INC. WWW.COMP.SCOPE.COM METROSITE FABRICATORS, LLC KBNT RAMET (706) 335-70-6 (O), (706) 982-9788 (M) (86) 428-975 (86) KBNT@METROSITELLCCOM COMMSCOPE SALVADOR ANGUIANO (BI7) 304-7492 CONTACT PHONE EMAIL WEBSITE CONTACT PHONE BMAIL WEBSTE CONTACT PHONE BMAIL WEBSITE CONTACT PHONE EMAIL WEBSITE WEBSITE PHONE EMAIL

CONNECTION OF THE PRINCE OF TH

- SEE MODIFICATION NOTES
- THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE CODES, ORDINANCES, LAWS AND REGULATIONS OF ALL MUNICIPALITIES, UTILITY COMPANIES OR OTHER FUBLIC/GOVERNING AUTHORITIES.
- THE CONTRACTOR SHALL BE REPONSIBLE FOR OBTAINING ALL PERMITS AND INSPECTIONS THAT MAY BE REQUIRED BY ANY FEDERAL, STATE, COUNTY OR MUNICIPAL AUTHORITIES
- THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION MANAGER, IN WRITING, OF ANY CONFLICTS, ERRORS OR OMISSIONS PRIOR TO THE SUBMISSION OF BIDS OR PERFORMANCE OF WORK.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL EXISTING STELL PROTECTING ALL EXISTING CONTRACTOR SHALL BEAR BUT ON TO COMPACTOR SHALL BEAR BUT OR WAS AN EXISTED TO CONSTRUCTOR SHALL BEAR BUT OF MAN EXISTED TO THE AMERICAN TO AN EXIST OF THE CONTRACTOR'S EXPENSE TO THE AMERICAN OF THE OWNER.
- THE SCOPE OF WORK FOR THIS PROJECT SHALL INCLIDE PROVIDING ALL MATTRALLS COUNTERT AND LABOR REQUIRED TO COMPLETE THIS PROJECT. ALL EQUIPMENT SHALL BE INSTALED IN ACCORDANCE WITH HANDLACTURESS RECOMPINES.
- THE CONTRACTOR SHALL VISIT THE PROJECT SITE PRIOR TO SUBMITTING THEBID TO VERFY THAT THE PROJECT CAN BE CONSTRUCTED IN ACCORDANCE WITH THE CONTRACT DOCUMENTS AND CONSTRUCTION PANNINGS.
- TAKEN WHEN YORKHUS AGOOD HEN THE SECTION OF ABID BY SECTION OF ABID BY ANY WORK THAT COULD HAVE LEVEL OF ELECTRONAGNETIC ANY WORK THAT COULD BY SECTION TO THE THE OF THE SECTION OF ANY WORK THAT COULD BY SECTION TO THE WORKEST TO DANCEST BY RECOVEN. BY SECULIAR POWERS AS THE COULD BY SECTION TO BE WORK TO A LETT OF ANY FORTH THE SECULIAR SECULIAR SECTION OF A SECTION TO BE WORK TO A LETT OF ANY FORTH ANY SECULIAR SECULIAR SECTION TO SECULIAR SECTION TO SECTION TO A LETT OF ANY FORTH AND A SECULIAR SECULIAR SECTION TO SECTION TO A LETT OF ANY FORTH AND A SECULIAR SECULIAR SECTION TO SECULIAR SECTION TO SECTION TO SECULIAR SECTION TO SECULIAR SECTION TO SECULIAR SECTION TO SECULIAR SECTION TO SECT
- NO NOISE, SMOKE, DUST OR ODOR WILL RESULT FROM THIS FACILITY AS TO CAUSE A NUISANCE.
- THE FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION (NO HANDICAP ACCESS IS REQUIRED)

GENERAL NOTES

- THEE MODIFICATIONS HAVE BEBY DESIGNED IN ACCORDANCE WITH THE GOVERNING PROVISIONS OF THE TRECOMMUNICATIONS INDUSTRY STANDARD THAZLAL MATERIAL AND SERVICE PROVIDED BY THE CONTRACTOR SHALL CONFORM TO THE ABOVE MENTONED CODE
 - TO THE CONTRACTOR STATE TARK ALL PRECUITORS NESSARY TO REPENT DAMAGE TO SUSTING TRUCTURES ANY DAMAGE TO SUSTING TRUCTURES ANY DAMAGE TO SUSTING TRUCTURES ANY DAMAGE TO SUSTING TO THE CONTRACTORS WORK ON HOW THE CONTRACTORS WORK ON HOW THE CONTRACTORS OF SUSTING TO THE CONTRACTOR OF THE CONTRACTOR OF
- TOTAL TOTAL ACTION ALTERNATION ALL DIRECTIONS OF THE BECOME SECURIOR CONDITIONS AND WAS ALL AND PREPARENT OF CONDITIONS AND THE CONTINUOUS AND THE CONTINUOUS AND THE CONTINUOUS AND THE SECURIOR AND THE CONTINUOUS AND THE SECURIOR OF THE CONTINUOUS AND THE CONTINUOUS AND THE SECURIOR AND THE SEC
 - IT IS ASSUMED THAT ANY STRUCTURAL MODIFICATION WORK SPECIFED ON THES PRANK WILL BE ACCOMPILISHED BY KNOWLEDGEABLE WORKHEN WITH TOWNE CONSTRUCTION EXPREINCE.
- THE CONTRACTOR SHALL SUPENVIS AND DIRECT THE WORK AND SHALL BE SOLEY TRESPASSIBLE FOR ALL CONTRACTOR METHODS, MEANS. TECHNIQUES, SEQUENCES, AND PROCEDURES.
- - THE CONTRACTOR IS SOLB Y REPONSIBLE FOR INITIATING, MAINTAINING, AND SUPRIVISING ALL SAFFTY PROGRAMS IN ACCORDANCE WITH APPLICABLE SAFFTY CODES
- WORK SHALL ONLY BE PERFORMED DURING CALM DRY DAYS (WINDS LESS THAN 30-MPH). THE STRUCTURE SHOWN ON THE DRAWINGS IS STRUCTURALLY SOUND ONLY IN THE COMPLETED FORM THE

OF THE STRUCTURE DUBING RECTORED FOR THE STRUCTURE OF THE STRUCTURE DUBING RECTOR CONTINGCTOR SHALL RESONDE STRUCTURE DUBING RECTOR CONTINGCTOR SHALL RESONDE STRUCTURE, STRUCTU

ALL PROPOSED AND/OR REPLACED BOLTS SHALL BE OF SUFFICIENT LENGTH SUCH THATT THE BLO OF THE BOLL'S FALLSKY FLUSH WITH THE FACE OF THE BULL IT SO FOR FRENDET DE TO TO BE BELOW THE FACE OF THE BULL ATTER TRAFFENING IS COPPLETED.

ALL INSTALLATIONS FERFORMED ON THIS STRUCTURE SHALL BE COMPLETED IN ACCORDANCE WITH THE COVENING REOVISIONS OF THE STRUDARD FOR INSTALLATION A LITERATION AND MAINTENANCE OF ANTIBNIA SUPPORTING STRUCTURES AND ANTENINAS, ANSILITA-332.

1S, ALL HOLES IN STEEL MEMBERS SHALL BE SIZED 1/16" LARGER THAN THE BOLT DIAMETER. STANDARD HOLES SHALL BE USED UNLESS NOTED OTHERWISE

WELDING NOTES

ALL EXISTING PAINTEDICALVANIZED SURFACES DAWAGED DURING REHAB INCLUDION PARÉS UDIDES STREARER HATS SHALLE WHE BRUSHED CLEAN REPAIRED BY COLD GALVANIZING (ZINGA OR ZINC COTE). AND REPAINTED TO MATCH THE EXISTING FINSH (IF APPLICABLE).

13. GALVANIZED ASTM A325 BOLTS SHALL NOT BE REUSED.

ALL WELDING SHALL BE DONE IN ACCORDANCE WITH AWS DI 0 (LATE)T BEDFINGN, THIS SHALL INCLUDE A CERTIFIED WELD INSPECTION (CWI) FOR ACCETANCE OR REJECTION OF ALL WELDING OFBRATIONS, REE DURING, AND POST INSTALLTION, USING THE ACCEPTANCE CRITISEN OF AWS DILL.

CONTRACTOR IS RESPONSIBLE FOR COMMISSIONING A THRID PARTY CERTIFIED WARD INSECTION, (CWN THROUGHOUT THE BYTIRETY OF THE PROJECT. A PASSING COM REPORT SLALL BE RROYIDED TO THE ENGINER UPON COMPLETION OF THE PROJECT.

- SUFFRINGENCE AND STATES TO STATE OF THE STATES OF STATES
- II. CONVECTIONS ENTREPLITESS, LESSONETE BY THE STRUCTURE AND THE REPONSITION TO THE CONTINUATION STATE THE REPONSITION TO THE CONTINUATION STRUCTURE DY A PROPERSIONAL STRUCTURAL PROMERIES LUGBERS IN THE STRUCTURE DRY AND THE STRUCTURE OF THE PROPERSIONAL SIGNED AND THE STRUCTURE OF THE PROPERSION STRUCTURE AND THE STRUCTURE OF THE PROPERSION STRUCTURE STRUCTURE OF THE OF THE STRUCTURE STRUCTURE OF THE STRUCTURE OF THE
- 12. DO NOT SCALE DRAWINGS,
- 13 DO NOTUSE THESE DAAWNINGS FOR ANY OTHER SITE
 14 ALE WHETBALL UTISED FOR THE REQUEST MASS FOR THE OWN AND REE OF ANY
 DEFECTS, ANY MATERIAL SUBSTITUTIONALS, INCLUDING BLT NOT UNITED TO
 ALTIBED SITE AND OSS TREMCHENS, MAST BE APPROVED BY THE OWNER
 NATIONAL SITE AND WITHING.

REPORT THA ALL WELDING CREATIONS REE DURING, AND POST INSTALLATION WELDING CREATIONS REE DURING, AND POST INSTALLATION WELDING CREATIONS REE DURING, AND POST IN THE PHOTOGRAPHS AND DOCUMENTATION SUPCRITION THE ACCORDANCE OF RESTORMANDE ON RESTORMAND OF AUTHORITY AND SUPCRITION AND DIRECTION AND

THE MOUNT UNDER NO CIRCUMSTANCES SHOULD BE USED AS A TIE OFF POINT.

STRUCTURAL STEEL

OXY PUEL GAS WELDING OR BRAZING IS STRICTLY PROHIBITED.
SPECIFICALLY, NO TORCH CUTTING IS PRIMITTED ON SITE ALL HOLES SHALL
BECIFICALLY, AND ROBINDER. CONTRACTOR SHALL EXERCISE CAUTION WHEN WELDING A GALVANIZED SURFACE.

CONTRACTOR SHALL HAVE A FRE PROTECTION PLAN IN PLACE THAT CONFORMS WITH ALL OSHA, ANSI/ASSP A 10.48, ANSI/249, I, AND LOCAL JURISDICTIONAL REQUIREMENTS

IN CASE WHERE A WILLD IS SECTIOD BY TWO BY BENUEN IN WHICH THERE IS A GAP IN BETWEEN THE WILLD IS TO BE BUILT LIJN SUCH THAT THE STEED WILLD ON THE HENERS IS EQUAL TO THAT SHOWN IN THE THE DEMANNINGS.

- DEKIN, DETAILING, FABRICATION AND ERECTION OF STRUCTURAL STER. SHALL CONFORM TO THE FOLLOWING PUBLICATIONS EXCEPT AS SPECIFICALLY INDICATED IN THE CONTRACT DOCUMENTS
 - a. AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC) MANUAL OF STEEL CONSTRUCTION (1STH EDITION)

 - b. SPECIFICATION FOR STRUCTURAL JOINTS USING ASTM A325 OR A490 BOLTS
 - c, AISC CODE OF STANDARD PRACTICE
- STRUCTURAL STEEL SHALL CONFORM TO THE FOLLOWING UNLESS OTHERWISE SHOWN:

CHANNELS ANGLES PLATES, ETC. ASTM A36 (GR 36) STEEL PIPE. ASTM A53 (GR 35)

- ASTM A325 ASTM A563
- IN MATINICATIONS AND COLOR TO THE CONTRACTOR SHALL RE AMMOND
 IN WANTINIOR BY THE BEGINERS CONTRACTOR SHALL REPONDE
 DOCUMENTATION TO RECIVERE ROW VERTIFIENCH THE SUBTRIBUTION IS
 SUTTABLE FOR USE MAD PEETS ORIGINAL DESIGN CENTERAL DEFREINCE
 FROM THE ORIGINAL DESIGN MICHIDAN MANTENANCE, PERRIA AND
 REPLACEMENT, SHALL BE NOTED, STITMATES OF COSTYCRED IT ASSOCIATED
 WITH THE SUBSTITUTION IN CIRCLIDANS RESIGNED COST MAD COSTS TO
 SUB-CONTRACTORS SHALL BE REVOIDED TO THE BRAINERS CONTRACTORS
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 TO THE BRAINERS AND SHALL BE REVOIDED TO THE BRAINERS CONTRACTORS
 TO THE BRAINERS AND SHALL BRAINERS AND SHA LOCKING STRUCTURAL GRADE LOCK WASHERS
 - PROVIDE STRUCTURAL STEEL SHOP DRAWINGS TO ENGINEER FOR APPROVAL PRIOR TO FABRICATION

2. SUBMIT SHOP DRAWINGS TO

PETER ALBANO@COLLIERSENGINEERING COM

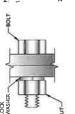
- 6, PROVIDE MASER CONSULTING PROJECT # AND MASER CONSULTING PROJECT ENGINEER CONTACT IN THE BODY OF THE EMAIL
 - DRIL NO HOLES IN ANY NEW OR EXISTING STRUCTURAL STER. MEMBERS OTHER THAN THOSE SHOWN ON STRUCTURAL DRAWINGS WITHOUT THE APPROVAL OF THE ENGINER OF RECORD. ALL NEW STEEL SHALL BE HOT BE DIPPED CALVANIZED FOR PULL WEATHER PROTECTION IN ADDITIONAL NEW STEEL SHALL BE MANTED TO MATCH EXISTING STEEL CONTRACTOR SHALL OBTAIN WRITTEN PERMISSION TO PROTECTISTE. BY ANY OTHER PIBANS GALVANIZED ASTM A325 BOLTS SHALL NOT BE REUSED.
 - CONTRACTOR SHALL PROTECT CUT ENDS OF ALL RELD-CUT STEEL WITH TWO (2) COATS OF COLD GALVANIZATION (ZINGA OR ZINC COTE)
- ALL BOLT ASSEMBLIES FOR STRUCTURAL MEMBERS REPRESENTED IN THIS DRAWNIG REQUIRE LOCKING DEPICES TO BE INSTALLED IN ACCORDANCE WITH TIA.22.4 RECTION 4 9.5 REQUIREMENTS.
- 10 WHERE CONNECTIONS ARE NOT FOLLY DETAILED ON THERE DRAWRINGS.
 FABRICATOR SHALL DESIGN CONNECTIONS TO RESIST LOADS AND FORCES.
 WHERE SHOWN ON DRAWINGS AND AS OUTLINED IN SPECIFICATIONS.
- 11., FOR MEMBERS BEING REPLACED. PROVIDE NEW BOLTS AND MATCH EXISTING STEAD GRADE MANTAIN AISC REQUIREMENTS FOR MINIMUM BOLT DETAMCE AND SPACING.

SPACING 2 1/4 1 7/8 2 5/8 MIN. EDGE DISTANCE 1/4 1.1/8 7/1 7/8 1 3/4 BOLT SCHEDULE (IN.) 91/11×91/6 1 1/16 x 1 5/16 STANDARD SHORT HOLE SLOT 13/16 × 1 15/16 × 1 1/8 11/16 × 7/8 11/116 1 1/16 91/6 13/16 91/51 BOLT DIAMETER 3/4 1/2

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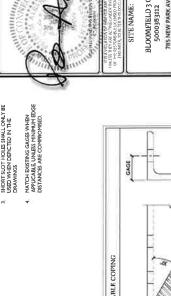
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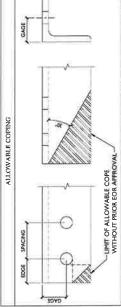
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CAGES (IIV.)	GAGE	2112	2	1 3/4	1 3/8	1 1/8	
WURNABLE GAGES (IIV.)	LEG	4	3172	m	2/12	2	



ALL DIMENSIONS REPRESENTED IN THE ABOVE THABELS ARE REFOR THINMUM REQUIREMENTS CONTRACTORS IS HALL VIRID PER STRING CONDITIONS IN IRELD AND NOTIFY BROCHER IF DISTANCES ARE LESS THAN THOSE PROVIDED.

- THE DIMENSIONS PROVIDED ARE MINIMAL REQUIREMENTS ACTUAL, DIMENSIONS OF PROPOSED MENERS, WOTHIN THESE DAWNINGS MAY VARY FROM THE ASC MINIMALM REQUIREMENTS.
 - SHORT SLOT HOLES SHALL ONLY BE USED WHEN DEPICTED IN THE DRAWINGS







Colliers Engineering

MORKABLE GAGES (IN.) LEG GAGE 4 21/2 31/2 2	3/8	18/
NRKABLI LEG 4 31/2 3	2/12	2

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TYP. BOLT ASSEMBLY

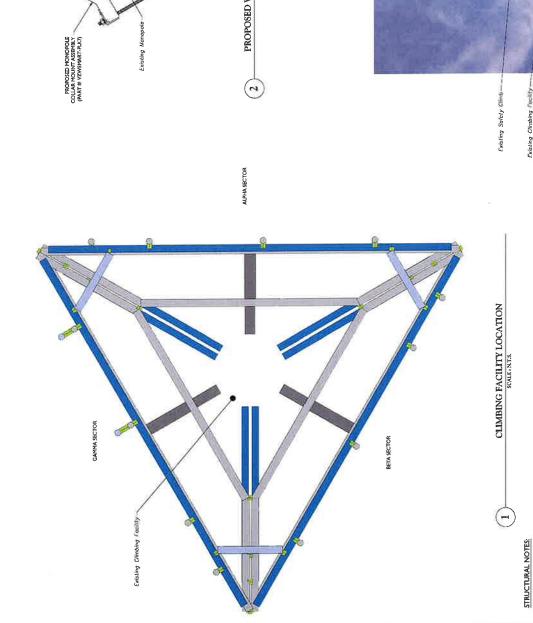
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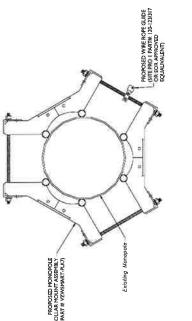
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College Constitution

MODIFICATION NOTES

SGN-I





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PROPOSED WIRE ROPE GUIDE ATTACHMENT - PLAN VIEW



Existing Climbing Facility-

CLIMBING FACILITY PHOTO

INSTALL SHALL NOT CAUSE HARM TO THE STRUCTURE, CLIMBING FACILITY, SAFFY CLIMB, OR ANY SYSTEM INSTALLED ON THE STRUCTURE, TIMELY NOTICE AND DOCUMENTATION SHALL BE PROMDED BY CONTRACTORS TO THE EOR (OF STRUCTURAL DESIGN) IF AN OBSTRUCTION WAS REQUIRED TO MEET THE RF SYSTEM DESIGN REQUIREMENTS AND PERFORMANCES.

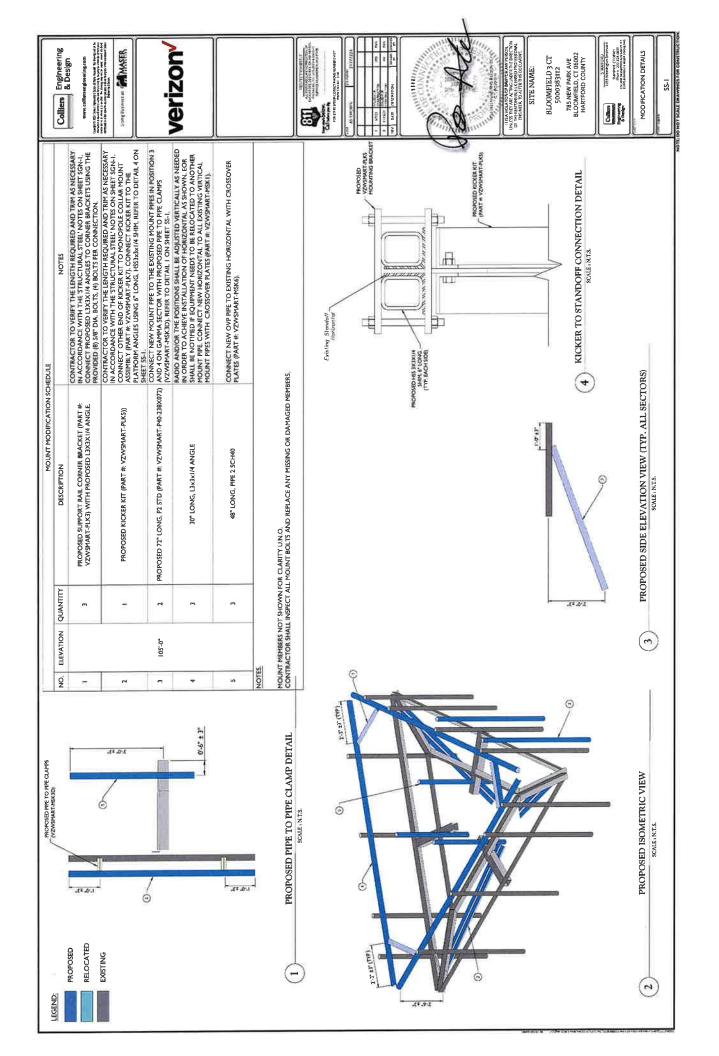
PER THE MOUNT MAPPING COMPLETED BY RKS DESIGN & ENGINEERING, LLC ON 1079-1201, THE VERIZON MOUNT ELEVATION (104-4) ARE IN GOOD CONDITION. MASER CONSULTING DOES NOT WARRANT THIS INFORMATION.

CLIMBING FACILITY DETAIL

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BLOOMFIELD 3 CT 5000383112 785 NEW PARK AVE BLOOMFIELD, CT 06602 HARTFORD COUNTY HISANDARIONO ENFORMENTE DESCRIPTIONS THE DESCRIPTION OF THE RESPONSIBLE LICENSED PRODUSES TO ALTER THIS DOCUMENT.

SITE NAME: Collection





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COMPROMISE COMPRETE

Collicas Engineering & Design



MOUNT PHOTO 1



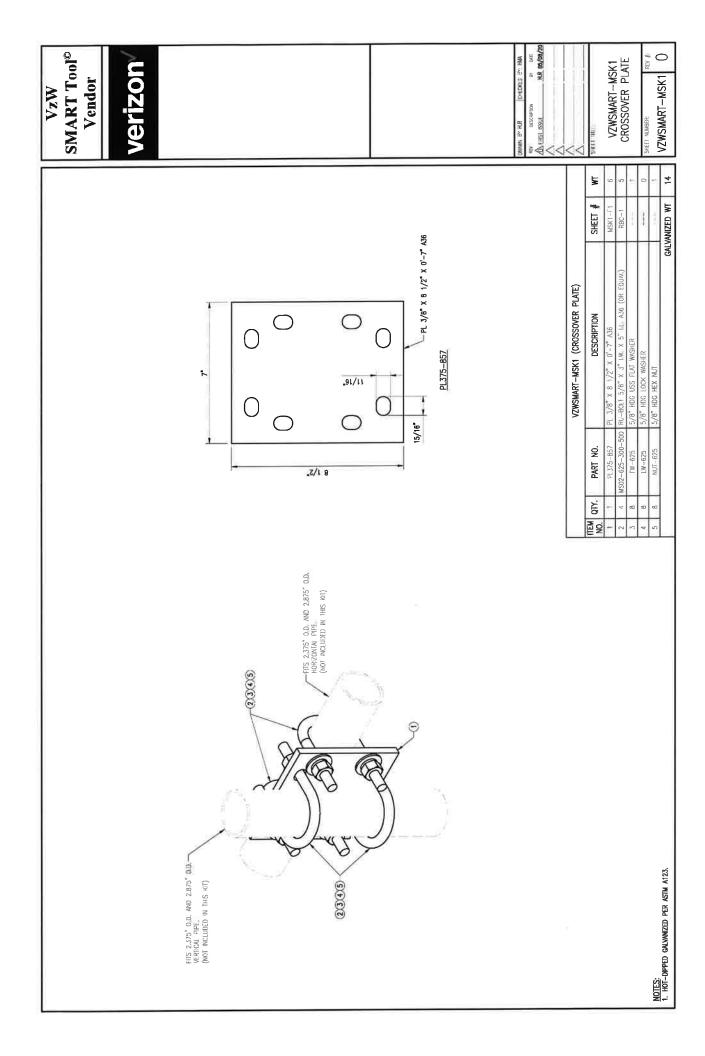
MOUNT PHOTO 3

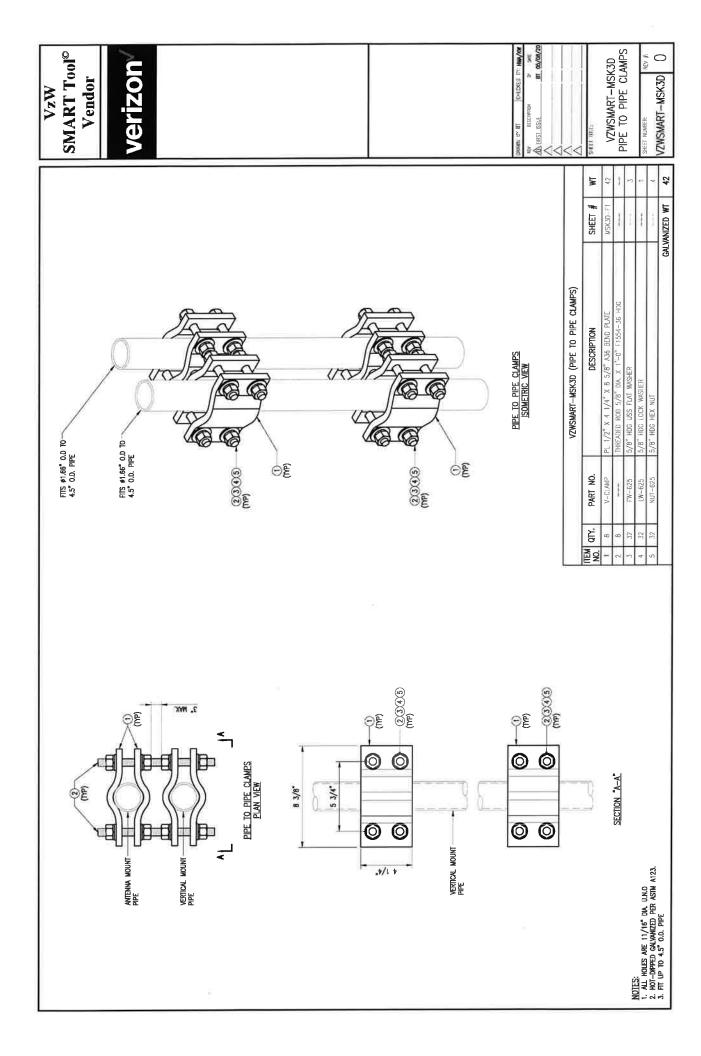


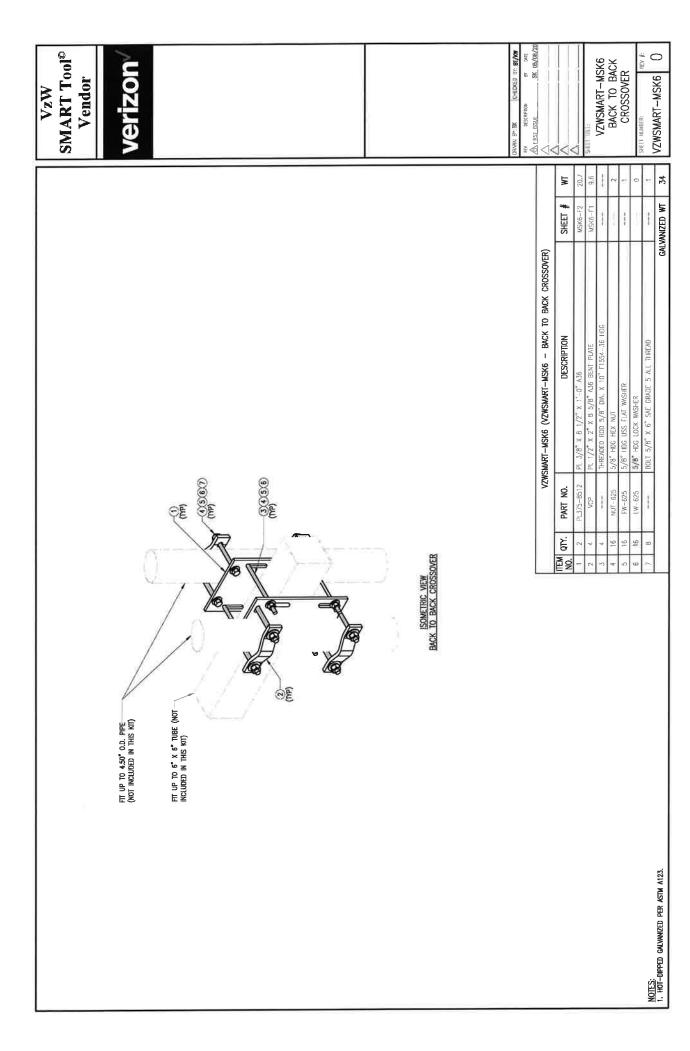
BLOOMFIELD 3 CT 5000383112 785 NEW PARK AVE BLOOMFIELD, CT 06002 HARTFORD COUNTY

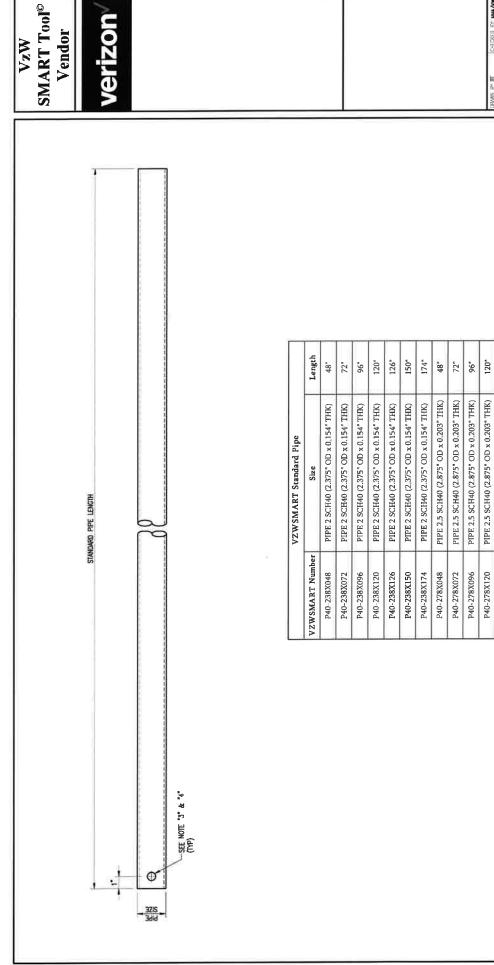
MOUNT PHOTO 4

MOUNT PHOTOS









Vendor

VzW

BT 08/04/2 0 VZWSMART STANDARD PIPE VZWSMART-PIPE FRST ISSUE

126" 150 174"

PIPE 2.5 SCH40 (2.875" OD x 0.203" THK) PIPE 2.5 SCH40 (2.875" OD x 0.203" THK) PIPE 2.5 SCH40 (2.875" OD x 0.203" THK)

P40-278X126 P40-278X150 P40-278X174 P40-312X048 P40-312X072 P40-312X126

126" 150" 174*

PIPE 3 SCH40 (3.5" OD x 0.216" THK)

P40-312X150 P40-312X174

48" 72"

PIPE 3 SCH40 (3.5" OD x 0.216" THK) PIPE 3 SCH40 (3.5" OD x 0.216" THK) PIPE 3 SCH40 (3.5" OD x 0.216" THK) PIPE 3 SCH40 (3.5" OD x 0.216" THK)

MOTE:
APPROVED SAMET KIT VENDORS ARE ALLOWED TO SUBSTITUTE AT THERR DISCRETION
PRES LISTED ON THIS PAGE FOR CUSTOM LENGTH COMPONENTS OF MATCHING SIZE.
SUBSTITUTIONS SHALL MEET THE ORGANIL STRUCTURAL MITDAT

NOTES:

1. ALT PER CRADE AS3—B OR BETTER.

2. HOT—DIPPED CALVANIZED PER ASTM A123.

3. ALI HOLES ARE 11/16" DIA. U.N.O.

4. HOLES MAY OR MAY NOTE DEPRESTIS, IDEPRID UPON MANUFACTURE DISCRETION.

5. ALL FIELD CLIT AND DRILLED SURFACES SHALL BE REPARED WITH A MINIMUM OF TWO COATIS.

6. ALL FIELD CLIT AND DRILLED SURFACES SHALL BE REPARED WITH A MINIMUM OF TWO COATIS.

6. ALL RELD CLIT AND DRILLED SURFACES SHALL BE REPARED WITH A MINIMUM OF TWO COATIS.

