### Robinson+Cole

KENNETH C. BALDWIN

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Also admitted in Massachusetts and New York

September 16, 2021

#### Via Electronic Mail

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

Re: Notice of Exempt Modification – Facility Modification 10 Ashpohtag Road, Norfolk, Connecticut

Dear Attorney Bachman:

Cellco Partnership d/b/a Verizon Wireless ("Cellco") currently maintains an existing wireless telecommunications facility at the above-referenced property address (the "Property"). The facility consists of antennas and remote radio heads attached to a tower and related equipment on the ground, near the base of the tower. The tower was approved by the Siting Council ("Council") in July 2004 (Docket No. 287). Cellco's use of the tower was approved in July 2007 (EM-VER-098-070618). A copy of the Council's Docket No. 287 Decision and Order and EM-VER-098-070618 approval are included in <u>Attachment 1</u>.

Cellco now intends to modify its facility by replacing nine (9) existing antennas with three (3) Samsung MT6407-77A antennas and six (6) NHH-65C-R2B antennas on its existing mounting platform. Cellco also intends to replace six (6) existing remote radio heads ("RRHs") with six (6) new RRHs behind its antennas. A set of project plans showing Cellco's proposed facility modifications and new antennas and RRH specifications are included in Attachment 2.

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

Melanie A. Bachman, Esq. September 16, 2021 Page 2

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

- 1. The proposed modifications will not result in an increase in the height of the existing tower.
- 2. The proposed modifications will not involve any change to ground-mounted equipment and, therefore, will not require the extension of the site boundary.
- 3. The proposed modifications will not increase noise levels at the facility by six decibels or more, or to levels that exceed state and local criteria.
- 4. The installation of Cellco's new antennas will not increase radio frequency (RF) emissions at the facility to a level at or above the Federal Communications Commission (FCC) safety standard. A cumulative General Power Density table for Cellco's modified facility is included in <a href="https://example.com/Attachment3">Attachment 3</a>. The modified facility will be capable of providing Cellco's 5G wireless service.
- 5. The proposed modifications will not cause a change or alteration in the physical or environmental characteristics of the site.
- 6. According to the attached Structural Analysis ("SA") and Mount Analysis ("MA"), the existing tower, tower foundation and antenna platform, with certain modifications, can support Cellco's proposed modifications. Copies of the SA and MA are included in Attachment 4.

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

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

Melanie A. Bachman, Esq. September 16, 2021 Page 3

Sincerely,

Kenneth C. Baldwin

Kunig mu

Enclosures Copy to:

Matthew T. Riiska, First Selectman for the Town of Norfolk Michael Halloran, Norfolk Zoning Enforcement Officer Kevin C. Gundlach, Property Owner Karla Hanna

## **ATTACHMENT 1**

<b>DOCKET NO. 287</b> – Sprint Spectrum, L.P. d/b/a Sprint PCS application for a Certificate of Environmental Compatibility and Public Need for the	}	Connecticut
construction, maintenance and operation of a wireless telecommunications facility at 10 Ashpohtag Road, Norfolk, Connecticut.	}	Siting
Tacinty at 10 Ashpontag Road, Nortolk, Connecticut.	}	Council
		July 13, 2004

#### **Decision and Order**

Pursuant to the foregoing Findings of Fact and Opinion, the Connecticut Siting Council (Council) finds that the effects associated with the construction, operation, and maintenance of a telecommunications facility including effects on the natural environment; ecological integrity and balance; public health and safety; scenic, historic, and recreational values; forests and parks; air and water purity; and fish and wildlife are not disproportionate either alone or cumulatively with other effects when compared to need, are not in conflict with the policies of the State concerning such effects, and are not sufficient reason to deny the application and therefore directs that a Certificate of Environmental Compatibility and Public Need, as provided by General Statutes § 16-50k, be issued to Sprint Spectrum, L.P. d/b/a Sprint PCS for the construction, maintenance and operation of a wireless telecommunications facility at 10 Ashpohtag Road, Norfolk, Connecticut.

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

- The tower shall be designed as a monopole, no taller than necessary to provide the proposed telecommunications services, sufficient to accommodate the antennas of Sprint Spectrum, L.P. d/b/a Sprint PCS and other entities, both public and private, but such tower shall not exceed a total height of 150 feet above ground level, including antennas.
- 2. The Certificate Holder shall prepare a Development and Management (D&M) Plan for this site in compliance with Sections 16-50j-75 through 16-50j-77 of the Regulations of Connecticut State Agencies. The D&M Plan shall be served on the Town of Norfolk and all parties and intervenors as listed in the service list, and submitted to and approved by the Council prior to the commencement of facility construction and shall include:
- a final site plan(s) of site development to include specifications for the tower, tower foundation, antennas, equipment building, access road, utility line, and landscaping; and
  - b) construction plans for site clearing, water drainage, and erosion and sedimentation control consistent with the <u>2002 Connecticut</u> <u>Guidelines for Soil Erosion and Sediment Control</u>, as amended.

- 3. The Certificate Holder shall, prior to the commencement of operation, provide the Council worst-case modeling of electromagnetic radio frequency power density of all proposed entities' antennas at the closest point of uncontrolled access to the tower base.
- consistent with Federal Communications Commission, Office of Engineering and Technology, Bulletin No. 65, August 1997. The Certificate Holder shall ensure a recalculated report of electromagnetic radio frequency power density is submitted to the Council if and when circumstances in operation cause a change in power density above the levels calculated and provided pursuant to this Decision and Order.
- 4. Upon the establishment of any new State or federal radio frequency standards applicable to frequencies of this facility, the facility granted herein shall be brought into compliance with such standards.
- 5. An RF power density emissions report shall be provided to the Council and the Town of Norfolk after the facility is operational and annually thereafter.
- 6. The tower shall be designed with a pre-engineered fault to ensure that the entire setback radius lies within the boundaries of the Cammilletti property.
- 7. Initial site construction shall not take place during the February through July nesting season of the Cooper's Hawk.
- 8. The Certificate Holder shall permit public or private entities to share space on the proposed tower for fair consideration, or shall provide any requesting entity with specific legal, technical, environmental, or economic reasons precluding such tower sharing.
- 9. The Certificate Holder shall provide reasonable space on the tower for no compensation for any municipal antennas, provided such antennas are compatible with the structural integrity of the tower.
- 10. If the facility does not initially provide wireless services within one year of completion of construction or ceases to provide wireless services for a period of one year, this Decision and Order shall be void, and the Certificate Holder shall dismantle the tower and remove all associated equipment or reapply for any continued or new use to the Council before any such use is made.
- 11. Any antenna that becomes obsolete and ceases to function shall be removed within 60 days after such antennas become obsolete and cease to function.
- 12. Unless otherwise approved by the Council, this Decision and Order shall be void if the facility authorized herein is not operational within one year of the effective date of this Decision and Order or within one year after all appeals to this Decision and Order have been resolved. Any request for extensions of the period shall be filed with the Council not later than sixty days prior to expiration date of the Certificate and shall be served on the Town of Norfolk and all parties and intervenors as listed in the service list. Any proposed modifications to this Decision and Order shall likewise be so served.

Pursuant to General Statutes § 16-50p, we hereby direct that a copy of the Findings of Fact, Opinion, and Decision and Order be served on each person listed below, and notice of issuance shall be published in Norfolk Now, the Register Citizen, and the Waterbury Republican-American.

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

The parties and intervenors to this proceeding are:

<b>Applicant</b>	Its Representative
Sprint Spectrum L.P. d/b/a Sprint PCS	Thomas J. Regan, Esq. Brown Rudnick Berlack Israels, LLP City Place I, 38th Floor 185 Asylum Street Hartford, CT 06103-3402 (860) 509-6522



### Daniel F. Caruso Chairman

STATE OF CONNECTICUT CONNECTICUT SITING COUNCIL

> Ten Franklin Square, New Britain, CT 06051 Phone: (860) 827-2935 Fax: (860) 827-2950 E-Mail: siting.council@ct.gov

Internet: ct.gov/csc

July 11, 2007

Kenneth C. Baldwin, Esq. Robinson & Cole LLP 280 Trumbull Street Hartford, CT 06103-3597

RE: EM-VER-098-070618 - Cellco Partnership d/b/a Verizon Wireless notice of intent to modify an existing telecommunications facility located at 10 Ashpohtag Road, Norfolk, Connecticut.

Dear Attorney Baldwin:

At a public meeting held on July 3, 2007, the Connecticut Siting Council (Council) acknowledged your notice to modify this existing telecommunications facility, pursuant to Section 16-50j-73 of the Regulations of Connecticut State Agencies.

The proposed modifications are to be implemented as specified here and in your notice dated June 18, 2007, including the placement of all necessary equipment and shelters within the tower compound. The modifications are in compliance with the exception criteria in Section 16-50j-72 (b) of the Regulations of Connecticut State Agencies as changes to an existing facility site that would not increase tower height, extend the boundaries of the tower site, increase noise levels at the tower site boundary by six decibels, and increase the total radio frequencies electromagnetic radiation power density measured at the tower site boundary to or above the standard adopted by the State Department of Environmental Protection pursuant to General Statutes § 22a-162. This facility has also been carefully modeled to ensure that radio frequency emissions are conservatively below State and federal standards applicable to the frequencies now used on this tower.

This decision is under the exclusive jurisdiction of the Council. Please be advised that the validity of this action shall expire one year from the date of this letter. Any additional change to this facility will require explicit notice to this agency pursuant to Regulations of Connecticut State Agencies Section 16-50j-73. Such notice shall include all relevant information regarding the proposed change with cumulative worst-case modeling of radio frequency exposure at the closest point of uncontrolled access to the tower base, consistent with Federal Communications Commission, Office of Engineering and Technology, Bulletin 65. Any deviation from this format may result in the Council implementing enforcement proceedings pursuant to General Statutes § 16-50u including, without limitation, imposition of expenses resulting from such failure and of civil penalties in an amount not less than one thousand dollars per day for each day of construction or operation in material violation.

Thank you for your attention and cooperation.

Chairman

DFC/MP/laf

c: The Honorable Susan M. Dyer, First Selectman, Town of Norfolk Carl Gundlach, Planning & Zoning Official, Town of Norfolk Thomas J. Regan, Esq., Brown Rudnick Berlack Israels LLP Christopher B. Fisher, Esq., Cuddy & Feder LLP Michele G. Briggs, New Cingular Wireless PCS, LLC

( wre/4



## **ATTACHMENT 2**

# verizon NORFOLK WEST\_CT

10 ASHPOHTAG ROAD NORFOLK, CT 06058 SBA SITE I.D.#: CT46144

LOCATION CODE (PSLC): 467610 FUZE ID: 16275314 EQUIPMENT UPGRADE PROJECT RFDS DATE: 06/24/21

#### PROJECT SUMMARY EXISTING TELECOMMUNICATIONS FACILITY EQUIPMENT ALTERATION SCOPE OF WORK: NORFOLK\_WEST\_CT SITE NAME: LOCATION CODE (PSLC): 467610 FUZE PROJECT ID: SITE ADDRESS: ID ASHPOHTAG ROAD NORFOLK, CT 06058 LATITUDE: 42.002697 N (RFDS) LONGITUDE -73.221417 W (RFDS) FACILITY: SBA MONOPOLE SITE I.D.#: CT46144 CELLCO PARTNERSHIP APPLICANT. LESSEE/LICENSEE, PROJECT OWNER: dba VERIZON WIRELESS 118 FLANDERS ROAD THIRD FLOOR

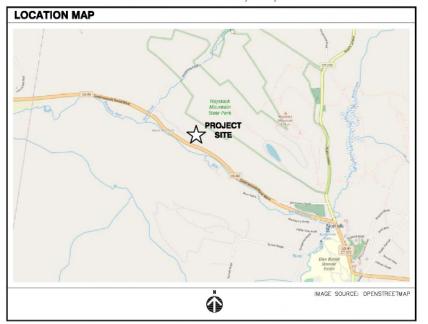
PROTERRA DESIGN GROUP, LLC ENGINEER:

WESTBOROUGH, MA 01581

4 BAY ROAD BUILDING A, SUITE 200 HADLEY, MA 01035

#### SHEET INDEX

SHT. NO.	DESCRIPTION	REV. NO.
T-1	TITLE SHEET	1
A-1	COMPOUND PLAN & ELEVATION	1
A-2	EXISTING AND PROPOSED ANTENNA PLAN	1
D-1	DETAIL	1
X-1	ANTENNA LAYOUT RENDERINGS (BY OTHERS)	1



#### **GENERAL NOTES**

- VERIFY COAX CONFIGURATION, ANTENNA CONFIGURATION, AND ANTENNA HEIGHT WITH LATEST RF DATA SHEET PRIOR TO INSTALLATION. THE CONTRACTOR SHALL SCHEDULE AND SEQUENCE ALL
- REQUIRED WORK WITH THE OWNER'S REPRESENTATIVE AND CONSTRUCTION MANAGER.
  REPAIR ANY DAMAGE DURING CONSTRUCTION TO MATCH
- EXISTING PRE-CONSTRUCTION CONDITIONS TO THE SATISFACTION OF THE CONSTRUCTION MANAGER THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE
- PROJECT DESCRIBED HEREIN, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES FOR THE WORK.
  ANTENNAS TO BE INSTALLED PER MANUFACTURER'S
- ANTENNAS DE NSTALLED PER MANDRACTORER'S RECOMMENDATIONS, GLOBAL STRUCTURAL ANALYSIS, AND LOCAL ANTENNA MOUNT ANALYSIS INCLUDING ANTENNA MOUNT MODIFICATIONS AND STRUCTURAL AUGMENTS AS APPLICABLE.
- APPLICABLE.

  REPLACE AND/OR REUSE (E) MOUNTING HARDWARE,
  INSPECT FOR DAMAE, AND REPLACE AS NECESSARY TO
  THE SATISFACTION OF THE ENGINEER.

  EQUIPMENT LOCATIONS AND CONDITIONS TO BE FIELD
  VERHIED PRIOR TO COMMENCEMENT OF CONSTRUCTION.

  ENGINEER SHALL BE NOTIFIED OF ANY DISCREPANCIES OR
  BE RESPONSIBLE FOR THE SAME.

  NORTH SHOWN IS APPROXIMATE. NOT ALL (E) OR (P)
  IMPROVEMENTS REQUIRED MAY BE SHOWN FOR CLARITY.

  ANTENNA ELEVATIONS SHALL BE PER ZONING OR AS

  HESSE CONSTRUCTION.
- THESE CONSTRUCTION DRAWINGS ARE CONTINGENT UPON A PASSING GLOBAL STRUCTURAL ANALYSIS INCLUDING THE INSTALLATION OF ANY REQUIRED MODIFICATIONS AND INSPECTION REPORTS AS A RESULT THEREIN.

#### STRUCTURAL NOTES

GLÖBAL TÖWER STRUCTURAL ANALYSIS REPORT:

NDING: A GLOBAL TOWER STRUCTURAL ANALYSIS SHALL BE COMPLETED BY OTHERS PRIOR TO CONSTRUCTION TO CONFIRM CAPACITY.

LOCAL ANTENNA MOUNT ANALYSIS REPORTS

BY MASER CONSULTING DATED 07/06/21 REV. 1 AND 08/29/21 REV. 1 RESPECTIVELY

#### CONTRACTOR MOUNT POST MODIFICATION INSPECTION (PMI) REPORT REQUIREMENTS

PMI ONLINE ACCESS:

https://pml.vzwsmart.com

SMART TOOL VENDOR PROJECT NUMBER:

10070846

VzW LOCATION CODE (PSLC):

\*\*\* PMI AND REQUIREMENTS ALSO EMBEDDED IN ANTENNA MOUNT ANALYSIS REPORT BY MASER CONSULTING DATED 07/08/21 REV. 1.

MOUNT MODIFICATIONS REQUIRED (Y/N):

YES

VZW APPROVED SMART KIT VENDORS

REFER TO MOUNT MODIFICATION DRAWINGS PAGE FOR VZW SMART KIT APPROVED VENDORS

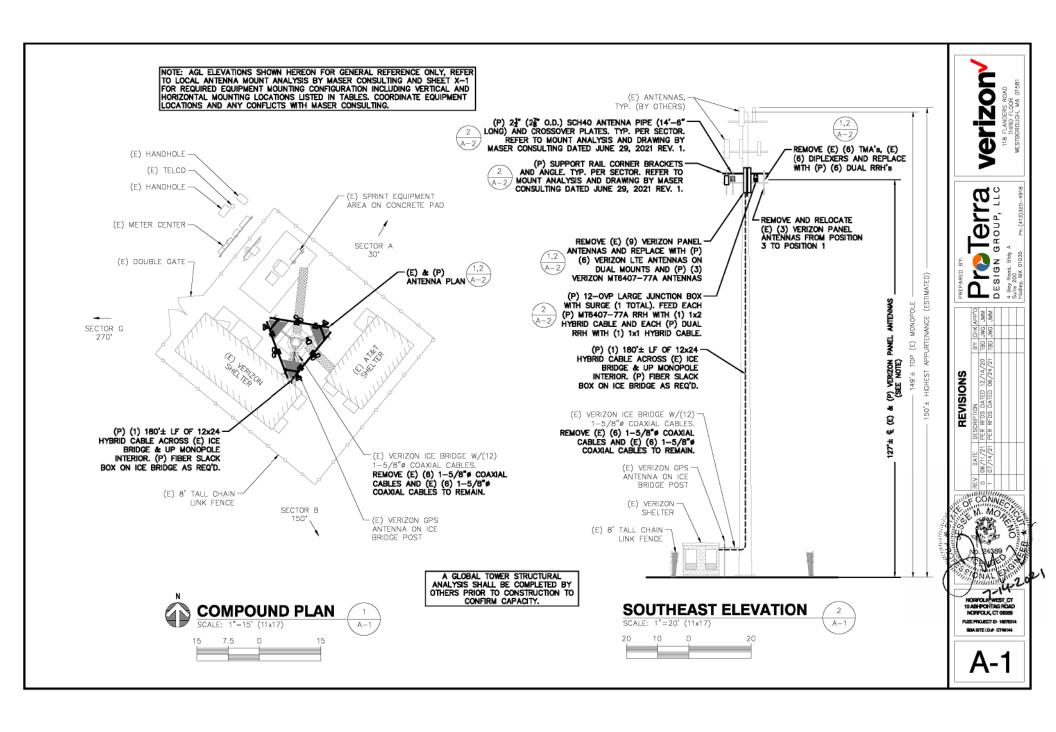
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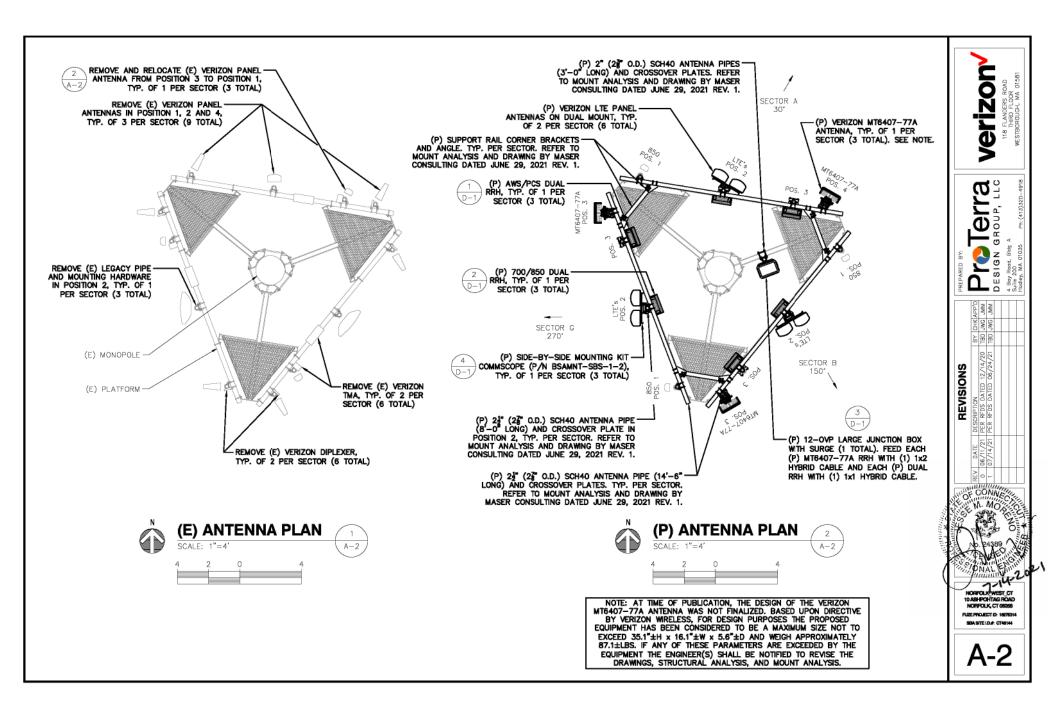
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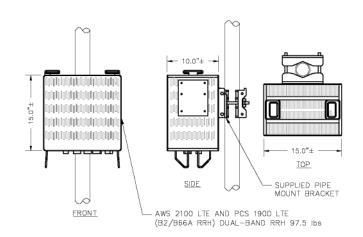
WW PP SWG > 유 REVISIONS RFDS -

10 ASHPOHTAG ROAD NORFOLK, CT 08058 UZE PROJECT D: 1627631 BASITE I.D.#: CT46144

**I** - 1



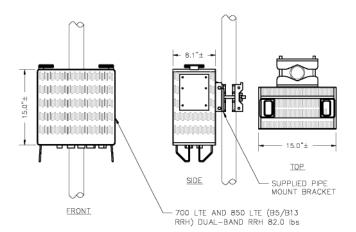




### (P) AWS/PCS RRH MOUNTING DETAIL

SCALE: NONE

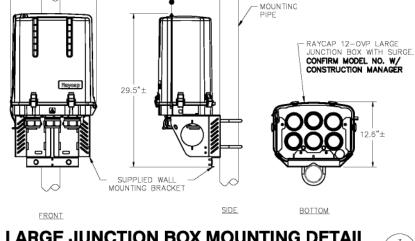




### (P) 700/850 RRH MOUNTING DETAIL

SCALE: NONE



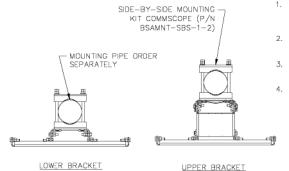


MAINTAIN 20" MIN. CLEARANCE ABOVE TO FACILITATE COVER REMOVAL

### (P) LARGE JUNCTION BOX MOUNTING DETAIL

SCALE: NONE

16.5"±



INSTALLATION NOTES:

INSTALL ALL EQUIPMENT, MOUNTING BRACKETS, AND HARDWARE IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.

D-1

- 2. GROUND DISTRIBUTION BOXES, MOUNTING PIPES, AND RRHs IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
- INSTALL EQUIPMENT AND MOUNTING BRACKETS TO PRESERVE CLIMBING ACCESS
- 4. EQUIPMENT TO BE INSTALLED AT VERIZON RAD. CENTER IN ACCORDANCE WITH GLOBAL TOWER STRUCTURAL ANALYSIS AND MOUNT ANALYSIS (BY OTHERS).



SCALE: NONE



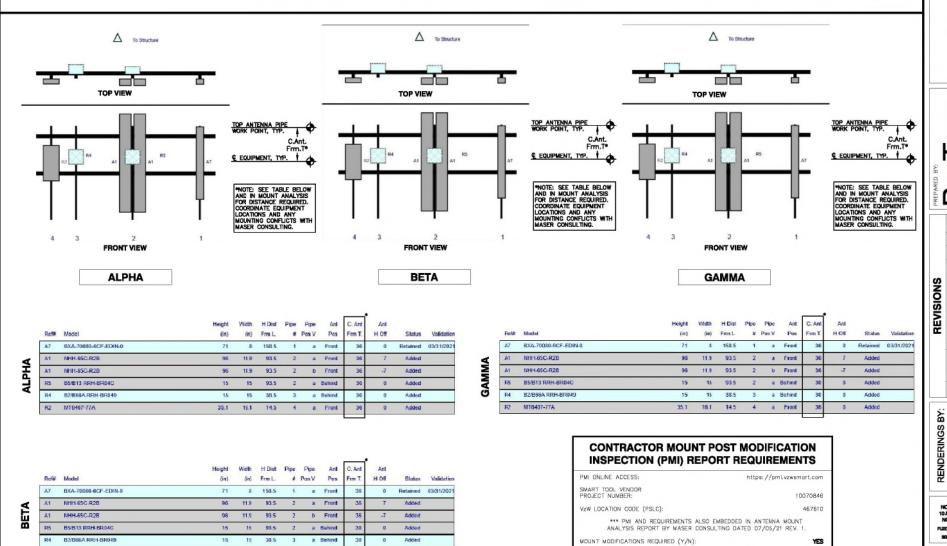


BASITE I.D.#: CT40144

NORFOLK WEST CT 10 ASHPOHTAG ROAD NORFOLK, CT 06058

### ANTENNA LAYOUT SCHEMATIC RENDERINGS SHOWN HEREON PROVIDED BY OTHERS

REFER TO ANTENNA MOUNT ANALYSIS REPORT BY MASER CONSULTING DATED 07/06/21 REV. 1 AND MODIFICATION DRAWINGS DATED 06/29/21 REV. 1 FOR ADDITIONAL DETAIL



MT6407-77A

35.1 16.1 14.5

Verizon

ProTerra
DESIGN GROUP, LLC

| DESCRIPTION | BY | CHK | APP'D | PER REDS DATED 12/14/20 | TED JANG JANA | TER REDS DATED 08/24/21 | TED JANG JANA |

MASER CONSULTING
AT LANSE. OFFICE
2000 MILLANTE DRIVE. SUITE 100
MOUNT LAUREL, NJ 06054
Phone: 886-797-0412

NORFOLK WEST CT 10 ASH-POHTAG ROAD NORFOLK, CT 05059 FUZE PROJECT D: 18276314 SBA SITE LD #: CT40144

X-1

VZW APPROVED SMART KIT VENDORS

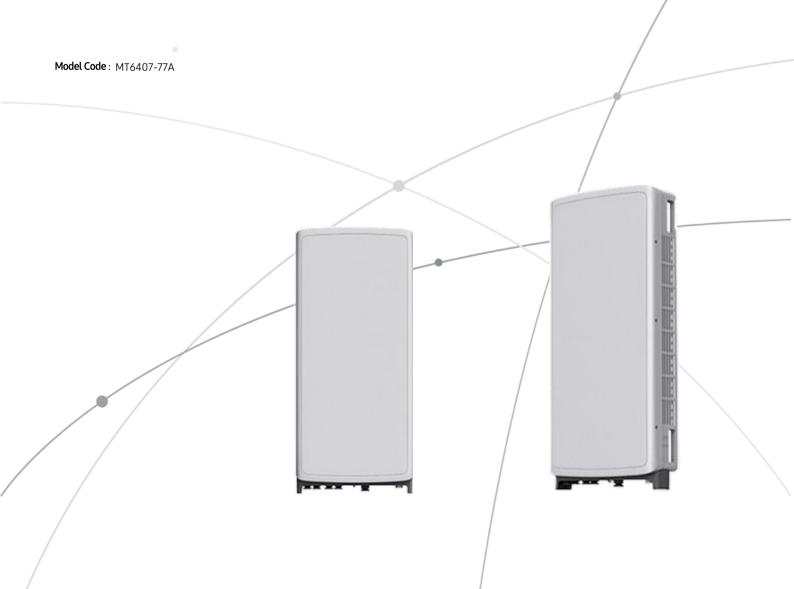
REFER TO MOUNT MODIFICATION DRAWINGS PAGE FOR VZW SMART KIT APPROVED VENDORS

### SAMSUNG

# SAMSUNG C-Band 64T64R Massive MIMO Radio

### for High Capacity and Wide Coverage

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



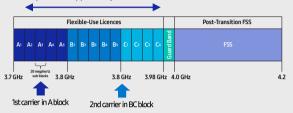
### Points of Differentiation

### Wide Bandwidth

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

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

C-Band spectrum supported by Massive MIMO Radio



### **Enhanced Performance**

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

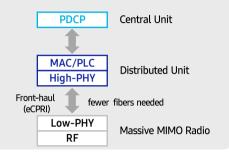
This helps operators reduce their CAPEX as they now need less products to cover the same area than before.

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



### **Future Proof Product**

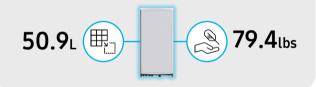
Samsung C-Band 64T64R Massive MIMO radio supports not only CPRI but also eCPRI as front-haul interface. It enables operators can cut down on OPEX/CAPEX by reducing front-haul bandwidth through low layer split and using ethernet based higher efficient line.



### Well Matched Design

Samsung C-Band Massive MIMO radio utilizes 64 antennas, supports up to 280MHz bandwidth, and delivers a 200W output power. despite the above advanced performance, the Radio has a compact size of 50.9L and 79.4lbs. This makes it easy to install the Radio.

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





### Technical Specifications

Item	Specification
Tech	NR
Band	n77
Frequency Band	3700 - 3980 MHz
EIRP	78.5dBm (53.0 dBm+25.5 dBi)
IBW/OBW	280 MHz / 200 MHz
Installation	Pole/Wall
Size/ Weight	16.06 x 35.06 x 5.51 inch (50.86L)/ 79.4 lbs



### About Samsung Electronics Co., Ltd.

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

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

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

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

### General Specifications

Antenna TypeSectorBandMultibandColorLight gray

Effective Projective Area (EPA), frontal  $0.37 \text{ m}^2 \mid 3.983 \text{ ft}^2$ Effective Projective Area (EPA), lateral  $0.31 \text{ m}^2 \mid 3.337 \text{ ft}^2$ 

**Grounding Type** RF connector body grounded to reflector and mounting bracket

Performance Note Outdoor usage | Wind loading figures are validated by wind tunnel

measurements described in white paper WP-112534-EN

**RF Connector Interface** 7-16 DIN Female

RF Connector Location

RF Connector Quantity, high band

RF Connector Quantity, low band

2

RF Connector Quantity, total

### Remote Electrical Tilt (RET) Information, General

RET Interface 8-pin DIN Female | 8-pin DIN Male

**RET Interface, quantity** 2 female | 2 male

### **Dimensions**

 Width
 301 mm | 11.85 in

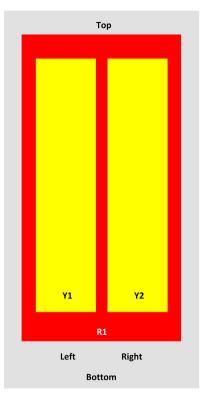
 Length
 2438 mm | 95.984 in

 Depth
 180 mm | 7.087 in

### Array Layout

COMMSCOPE®

<u>NHH</u>



Array	Freq (MHz)	Conns	RET (SRET)	AISG RET UID
R1	698-896	1-2	1	ANxxxxxxxxxxxxxxxx
Y1	1695-2360	3-4	2	ANxxxxxxxxxxxxxxxxxxx2
Y2	1695-2360	5-6	1	

View from the front of the antenna

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

### **Electrical Specifications**

**Impedance** 50 ohm

**Operating Frequency Band** 1695 – 2360 MHz | 698 – 896 MHz

**Total Input Power, maximum** 900 W @ 50 °C

### Remote Electrical Tilt (RET) Information, Electrical

**Protocol** 3GPP/AISG 2.0 (Single RET)

Power Consumption, idle state, maximum 2 W Power Consumption, normal conditions, maximum 13 W

**Input Voltage** 10–30 Vdc

Internal Bias Tee Port 1 | Port 3

Internal RET High band (1) | Low band (1)

**COMMSCOPE®** 

Floctrical	Specification	<b>-</b> -
Electrical	Specification	12

Frequency Band, MHz	698–806	806–896	1695–1880	1850–1990	1920–2200	2300–2360
Gain, dBi	16	16.1	17.3	17.7	18.3	18.2
Beamwidth, Horizontal, degrees	65	62	74	66	62	59
Beamwidth, Vertical, degrees	9	7.9	5.6	5.2	4.9	4.5
Beam Tilt, degrees	0–11	0–11	0–7	0–7	0–7	0–7
USLS (First Lobe), dB	21	18	19	20	22	18
Front-to-Back Ratio at 180°, dB	35	31	33	29	29	30
Isolation, Cross Polarization, dB	25	25	25	25	25	25
Isolation, Inter-band, dB	30	30	30	30	30	30
VSWR   Return loss, dB	1.5   14.0	1.5   14.0	1.5   14.0	1.5   14.0	1.5   14.0	1.5   14.0
PIM, 3rd Order, 2 x 20 W, dBc	-153	-153	-153	-153	-153	-153
Input Power per Port, maximum, watts	400	400	350	350	350	300

### Electrical Specifications, BASTA

Frequency Band, MHz	698–806	806–896	1695–1880	1850–1990	1920–2200	2300–2360
Gain by all Beam Tilts, average, dBi	15.8	15.9	16.9	17.5	18	17.9
Gain by all Beam Tilts Tolerance, dB	±0.4	±0.4	±0.4	±0.3	±0.6	±0.4
Gain by Beam Tilt, average, dBi	0 °   15.9 5 °   15.9 11 °   15.5	0 °   15.8 5 °   16.0 11 °   15.7	0 °   16.9 4 °   17.0 7 °   16.9	0 °   17.4 4 °   17.5 7 °   17.4	0 °   17.9 4 °   18.0 7 °   18.0	0 °   17.8 4 °   17.9 7 °   17.9
Beamwidth, Horizontal Tolerance, degrees	±1.2	±1.6	±5.3	±3.4	±6	±3.1
Beamwidth, Vertical Tolerance, degrees	±0.6	±0.4	±0.3	±0.2	±0.2	±0.2
USLS, beampeak to 20° above beampeak, dB	15	14	17	16	17	15
Front-to-Back Total Power at 180° ± 30°, dB	25.6	23.8	28	25	25	24
CPR at Boresight, dB	18	26	20	25	20	17
CPR at Sector, dB	15	9	11	10	8	2

Material Specifications

Radiator Material Copper | Low loss circuit board

COMMSCOPE®

Reflector Material Aluminum

Mechanical Specifications

 Wind Loading at Velocity, frontal
 393.0 N @ 150 km/h | 88.8 lbf @ 150 km/h

 Wind Loading at Velocity, lateral
 330.0 N @ 150 km/h | 74.2 lbf @ 150 km/h

 Wind Loading at Velocity, maximum
 170.2 lbf @ 150 km/h | 757.0 N @ 150 km/h

Wind Speed, maximum 241 km/h | 149.75 mph

Packaging and Weights

 Width, packed
 409 mm | 16.102 in

 Depth, packed
 299 mm | 11.772 in

 Length, packed
 2561 mm | 100.827 in

 Net Weight, without mounting kit
 23.4 kg | 51.588 lb

 Weight, gross
 36.1 kg | 79.587 lb

### Regulatory Compliance/Certifications

Agency Classification

CHINA-ROHS Above maximum concentration value

ISO 9001:2015 Designed, manufactured and/or distributed under this quality management system
REACH-SVHC Compliant as per SVHC revision on www.commscope.com/ProductCompliance

ROHS Compliant/Exempted





### Included Products

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

### \* Footnotes

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



### **SAMSUNG**

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

RFV01U-D1A

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



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

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

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

#### Features and Benefits

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

#### **Key Technical Specifications**

Duplex Type: FDD Operating Frequencies:

B66: DL(2,110-2,180MHz)/UL(1,710-1,780MHz) B2: DL(1,930-1,990MHz)/UL(1,850-1,910MHz)

Instantaneous Bandwidth:

70MHz(B66) + 60MHz(B2) RF Chain: 4T4R/2T4R/2T2R

Output Power: Total 320W DU-RU Interface: CPRI (10Gbps)

Dimensions: 380 x 380 x 255mm (36.8L)

Weight: 38.3kg

Input Power: -48V DC

Operating Temp.: -40 - 55°(w/o solar load)

Cooling: Natural convection

### **SAMSUNG**

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

RFV01U-D2A

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



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

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

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

#### Features and Benefits

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

**Key Technical Specifications** 

Duplex Type: FDD Operating Frequencies:

B13: DL(746-756MHz)/UL(777-787MHz) B5: DL(869-894MHz)/UL(824-849MHz) Instantaneous Bandwidth: 10MHz(B13) + 25MHz(B5)

RF Chain: 4T4R/2T4R/2T2R Output Power: Total 320W DU-RU Interface: CPRI (10Gbps) Dimensions: 380 x 380 x 207mm (29.9L)

Weight: 31.9kg Input Power: -48V DC

Operating Temp.: -40 - 55°(w/o solar load)

Cooling: Natural convection

## **ATTACHMENT 3**

General	Power	Density					
				CALC.	PERMISS.	FRACTION	
		_					Total
1							
2	695	145	700	0.0259	0.4667	0.55%	
2	2105	145	1900	0.0784	1.0000	0.78%	
1	19239	145	2500	0.3581	1.0000	3.58%	
1	19239	145	2500	0.3581	1.0000	3.58%	
1	1302	137	850	0.0273	0.5667	0.48%	
1	2951	137	700	0.0618	0.4667	1.33%	
1	3837	137	1900	0.0804	1.0000	0.80%	
1	1476	137	700	0.0309	0.4667	0.66%	
1	1000	137	850	0.0210	0.5667	0.37%	
1	3837	137	2100	0.0804	1.0000	0.80%	
1	1000	137	850	0.0210	0.5667	0.37%	
4	960	95	2100	0.1743	1.0000	1.74%	
2	460	95	850	0.0418	0.5667	0.74%	
2	627	95	700	0.0569	0.4667	1.22%	
4	1005	95	2300		1.0000		
4	697	127	751	0.0061	0.5007	1.21%	
2	473	127	878.49	0.0017	0.5857	0.29%	
4	825	127	874	0.0057	0.5827	0.98%	
4	1052	127	1975	0.0086	1.0000	0.86%	
4	2080	127	2120	0.0100	1.0000	1.00%	
4	6531	127	3730.08	0.0583	1.0000	5.83%	·
							32.69
	2 1 1 1 1 1 1 1 1 4 2 2 4 4 4 2 4 4	4 1028 2 2057 2 2308 2 592 1 1578 2 695 2 2105 1 19239 1 19239 1 1302 1 2951 1 3837 1 1476 1 1000 1 3837 1 1000 4 960 2 460 2 460 2 627 4 1005 4 697 2 473 4 825 4 1052 4 2080	4 1028 145 2 2057 145 2 2308 145 2 592 145 1 1578 145 2 695 145 2 145 1 19239 145 1 19239 145 1 19239 145 1 19239 145 1 1900 137 1 3837 137 1 1000 137 1 3837 137 1 1000 137 1 1	4         1028         145         1900           2         2057         145         1900           2         2308         145         2100           2         592         145         600           1         1578         145         600           2         695         145         700           2         2105         145         1900           1         19239         145         2500           1         19239         145         2500           1         1302         137         850           1         2951         137         700           1         3837         137         1900           1         1476         137         700           1         1476         137         700           1         1000         137         850           1         1000         137         850           4         960         95         2100           2         460         95         850           2         627         95         700           4         1005         95         2300	# OF CHAN.         WATTS ERP         HEIGHT         FREQ.         POWER DENS           4         1028         145         1900         0.0765           2         2057         145         1900         0.0766           2         2308         145         2100         0.0859           2         592         145         600         0.0220           1         1578         145         600         0.0294           2         695         145         700         0.0259           2         2105         145         1900         0.0784           1         19239         145         2500         0.3581           1         19239         145         2500         0.3581           1         19239         145         2500         0.3581           1         19239         145         2500         0.3581           1         19239         145         2500         0.3581           1         19239         145         2500         0.3581           1         1302         137         850         0.0273           1         137         700         0.0618	# OF CHAN.         WATTS ERP         HEIGHT         FREQ.         POWER DENS         EXP.           4         1028         145         1900         0.0765         1.0000           2         2057         145         1900         0.0766         1.0000           2         2308         145         2100         0.0859         1.0000           2         592         145         600         0.0220         0.4000           1         1578         145         600         0.0294         0.4000           2         695         145         700         0.0259         0.4667           2         2105         145         1900         0.0784         1.0000           1         19239         145         2500         0.3581         1.0000           1         19239         145         2500         0.3581         1.0000           1         19239         145         2500         0.3581         1.0000           1         19239         145         2500         0.3581         1.0000           1         1302         137         850         0.0273         0.5667           1         1302         1	#OF CHAN. WATTS ERP HEIGHT FREQ. POWER DENS EXP. MPE  4 1028 145 1900 0.0765 1.0000 0.77%  2 2057 145 1900 0.0766 1.0000 0.77%  2 2308 145 2100 0.0859 1.0000 0.86%  2 592 145 600 0.0220 0.4000 0.55%  1 1578 145 700 0.0259 0.4667 0.55%  2 695 145 700 0.0259 0.4667 0.55%  2 2105 145 1900 0.0784 1.0000 0.78%  1 19239 145 2500 0.3581 1.0000 0.78%  1 19239 145 2500 0.3581 1.0000 3.58%  1 19239 145 2500 0.3581 1.0000 3.58%  1 1302 137 850 0.0273 0.5667 0.48%  1 2951 137 700 0.0618 0.4667 1.33%  1 3837 137 1900 0.0804 1.0000 0.80%  1 1476 137 700 0.0309 0.4667 0.66%  1 1000 137 850 0.0210 0.5667 0.37%  1 3837 137 2100 0.0804 1.0000 0.80%  1 1000 137 850 0.0210 0.5667 0.37%  4 960 95 2100 0.1743 1.0000 1.74%  2 460 95 850 0.0418 0.5667 0.74%  4 960 95 2100 0.1743 1.0000 1.74%  2 460 95 850 0.0418 0.5667 0.74%  4 960 95 2300 0.1825 1.0000 1.83%  4 967 127 751 0.0061 0.5007 1.21%  2 473 127 878.49 0.0017 0.5857 0.98%  4 1052 127 878.49 0.0017 0.5857 0.98%  4 1052 127 1975 0.0086 1.0000 0.86%  4 2080 127 2120 0.0100 1.0000 1.00%

## **ATTACHMENT 4**



Phone (972) 483-0607, Fax (972) 975-9615 1320 Greenway Drive, Suite 600, Irving, Texas 75038

### **Structural Analysis Report**

Existing 148 ft EEI Monopole

**Customer Name: SBA Communications Corp** 

Customer Site Number: CT46144-A

**Customer Site Name: Cammilletti Property** 

Carrier Name: Verizon (App#: 152545, V4)

Carrier Site ID / Name: 467610 / NORFOLK WEST CT

Site Location: 10 Ashpohtag Rd

Norfolk, Connecticut

**Litchfield County** 

Latitude: 42.002694

Longitude: -73.221388

#### **Analysis Result:**

Max Structural Usage: 70.0% [Pass]

Max Foundation Usage: 44.0% [Pass]

Additional Usage Caused by Mount Modification: +2.0%

Report Prepared By: Younus Alkarawi



### **Tower Engineering Solutions**

Phone (972) 483-0607, Fax (972) 975-9615 1320 Greenway Drive, Suite 600, Irving, Texas 75038

### **Structural Analysis Report**

Existing 148 ft EEI Monopole

**Customer Name: SBA Communications Corp** 

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Carrier Name: Verizon (App#: 152545, V4)

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Site Location: 10 Ashpohtag Rd

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Latitude: 42.002694

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### **Analysis Result:**

Max Structural Usage: 70.0% [Pass]

Max Foundation Usage: 44.0% [Pass]

Additional Usage Caused by Mount Modification: +2.0%

Report Prepared By: Younus Alkarawi

### Introduction

The purpose of this report is to summarize the analysis results on the 148 ft EEI Monopole to support the proposed antennas and transmission lines in addition to those currently installed. Any modification listed under Sources of Information was assumed completed and was included in this analysis.

### **Sources of Information**

Tower Drawings	EEI Project #12865, dated 08/30/04		
Foundation Drawing	EEI Project #12865, dated 08/30/04		
Geotechnical Report Dr. Clarence Welti, PE Geotechnical Report for Proposed Sprint Site CT3			
	dated 08/17/04		
Modification Drawings	Vertical Solutions Project #121779, dated 10/02/12		
Mount Analysis	Verizon MA by Maser Consulting Connecticut Project #: 21777242A, Dated		
_	07/06/2021		

### **Analysis Criteria**

The rigorous analysis was performed in accordance with the requirements and stipulations of the TIA-222-G-2. In accordance with this standard, the structure was analyzed using **TESPoles**, a proprietary analysis software. The program considers the structure as an elastic 3-D model with second-order effects and temperature effects incorporated in the analysis. The analysis was performed using multiple wind directions.

Wind Speed Used in the Analysis: Ultimate Design Wind Speed Vult = 115.0 mph (3-Sec. Gust)/

Nominal Design Wind Speed V<sub>asd</sub> = 89.0 mph (3-Sec. Gust)

Wind Speed with Ice: 40 mph (3-Sec. Gust) with 3/4" radial ice concurrent

**Operational Wind Speed:** 60 mph + 0" Radial ice

Standard/Codes: TIA-222-G-2 / 2015 IBC / 2018 Connecticut State Building

Code

Exposure Category: B
Structure Class: II
Topographic Category: 1
Crest Height: 0 ft

**Seismic Parameters:**  $S_S = 0.175, S_1 = 0.065$ 

This structural analysis is based upon the tower being classified as a Structure Class II; however, if a different classification is required subsequent to the date hereof, the tower classification will be changed to meet such requirement and a new structural analysis will be run.

### **Existing Antennas, Mounts and Transmission Lines**

The table below summarizes the antennas, mounts and transmission lines that were considered in the analysis as existing on the tower.

Items	Elevation (ft)	Qty.	Antenna Descriptions	Mount Type & Qty.	Transmission Lines	Owner
1	147.0	2	Ericsson - AIR32 KRD901146- 1_B66A_B2A (Octo)- Panel			
2		2	RFS - APXVAALL24_43-U-NA20 - Panel	(4) 61 -1.6		
3		2	Ericsson - AIR6449 B41 - Panel	(1) Low Profile Platform		T 8 4 1 11
4		4	RFS ACU-A20-N RET	(SitePro1 RMQP-472)	(3) 2" Hybrid	T-Mobile
5	145.0	2	Ericsson 4415 B25	(1) Handrail Kit (SitePro HRK12)		Sprint
6		4	ALU 800 MHz RRH			
7		2	Ericsson 4449 B71 + B85			
8		2	ALU 800 MHz Filter			
9		3	HPA-65R-BU6AA - Panel		(12) 1 5/8" (2) 3" Conduit (4) 3/4" DC Power* (2) 7/16" Fiber*	AT&T
10		3	DMP65R-BU6DA - Panel	Low Profile Platform		
11		3	RRUS 4449 B5/B12			
12	137.0	3	Powerwave - 7770 - Panel			
13		2	Raycap - DC6-48-60-18-8F - SP			
14		3	RRUS 8843 B2 B66A			
15		6	Powerwave - LGP 21401 - TMA		Tibel	
-		3	Antel - BXA-171085-12BF - Panel			
-		6	Antel - LPA 80080/6CF - Panel			
-	127.0	2	Antel - BXA-70040-6CF - Panel	Low Profile Platform	(12) 1 5/8"	Verizon
-		1	Antel - BXA-70063-6CF - Panel			
-		6	RFS - FD9R6004/2C-3L - Diplexer			

### Proposed Carrier's Final Configuration of Antennas, Mounts and Transmission Lines

Information pertaining to the proposed carrier's final configuration of antennas and transmission lines was provided by SBA Communications Corp. The proposed antennas and lines are listed below.

Items	Elevation (ft)	Qty.	Antenna Descriptions	Mount Type & Qty.	Transmission Lines	Owner
16		3	Samsung MT6407-77A - Panel			
17		3	Antel BXA-70080-6CF-EDIN-0 - Panel	N A 1:5: 1	(6) 4 5 (0)	
18	127.0	6	Commscope NHH-65C-R2B - Panel	Modified Low Profile Platform W/	(6) 1 5/8" (1) 1 5/8"	Verizon
19		3	Samsung B2/B66A RRH-BR049	(1) Support rail kit	(1) 1 5/8 Hybrid	venzon
20		3	Samsung B5/B13 RRH-BR04C	(1) Support fall kit	Пурпи	
21		1	RFS DB-C1-12C-24AB-0Z-OVP			

See the attached coax layout for the line placement considered in the analysis.

### **Analysis Results**

The results of the structural analysis, performed for the wind and ice loading and antenna equipment as defined above, are summarized as the following:

	Pole shafts	Anchor Bolts	Base Plate	
Max. Usage:	61.9%	44.5%	70.0%	
Pass/Fail	Pass	Pass	Pass	

### **Foundations**

	Moment (Kip-Ft)	Shear (Kips)
Original Design Reactions	2300.4	22.0
Analysis Reactions	2085.0	18.3
Factored Reactions*	3105.5	29.7
% of Design Reactions	67.1%	61.7%

<sup>\*</sup> Per section 15.5.1 of the TIA-222-G standard, factored reactions were obtained by multiplying a 1.35 factor to the original design reactions.

The foundation has been investigated using the supplied documents and soils report and was found adequate. Therefore, no modification to the foundation will be required.

### **Operational Condition (Rigidity):**

Operational characteristics of the tower are found to be within the limits prescribed by TIA-222 for the installed antennas. The maximum twist/sway at the elevation of the proposed equipment is 1.5082 degrees under the operational wind speed as specified in the Analysis Criteria.

### **Conclusions**

Based on the analysis results, the existing structure and its foundation were found to be adequate to safely support the existing and proposed equipment and meet the minimum requirements per the TIA-222 Standard under the design basic wind speed as specified in the Analysis Criteria.

### **Standard Conditions**

- This analysis was performed based on the information supplied to (TES) Tower Engineering Solutions, LLC. Verification of the information provided was not included in the Scope of Work for TES. The accuracy of the analysis is dependent on the accuracy of the information provided.
- 2. The structural analysis was performance based upon the evidence available at the time of this report. All information provided by the client is considered to be accurate.
- 3. The analyses will be performed based on the codes as specified by the client or based on the best knowledge of the engineering staff of TES. In the absence of information to the contrary, all work will be performed in accordance with the latest relevant revision of ANSI/TIA-222. If wind speed and/or ice loads are different from the minimum values recommended by the ANSI/TIA-222 standard or other codes, TES should be notified in writing and the applicable minimum values provided by the client.
- 4. The configuration of the existing mounts, antennas, coax and other appurtenances were supplied by the customer for the current structural analysis. TES has not visited the tower site to verify the adequacy of the information provided. If there is any discrepancy found in the report regarding the existing conditions, TES should be notified immediately to evaluate the effect of the discrepancy on the analysis results.
- The client will assume responsibility for rework associated with the differences in initially provided information, including tower and foundation information, existing and/or proposed equipment and transmission lines.
- 6. If a feasibility analysis was performed, final acceptance of changed conditions shall be based upon a rigorous structural analysis.

### Usage Diagram - Max Ratio 61.86% at 110.0ft

Structure: CT46144-A-SBA Code: EIA/TIA-222-G

Site Name:Cammilletti PropertyExposure:BHeight:148.34 (ft)Gh:1.1

Base Elev: 0.000 (ft)

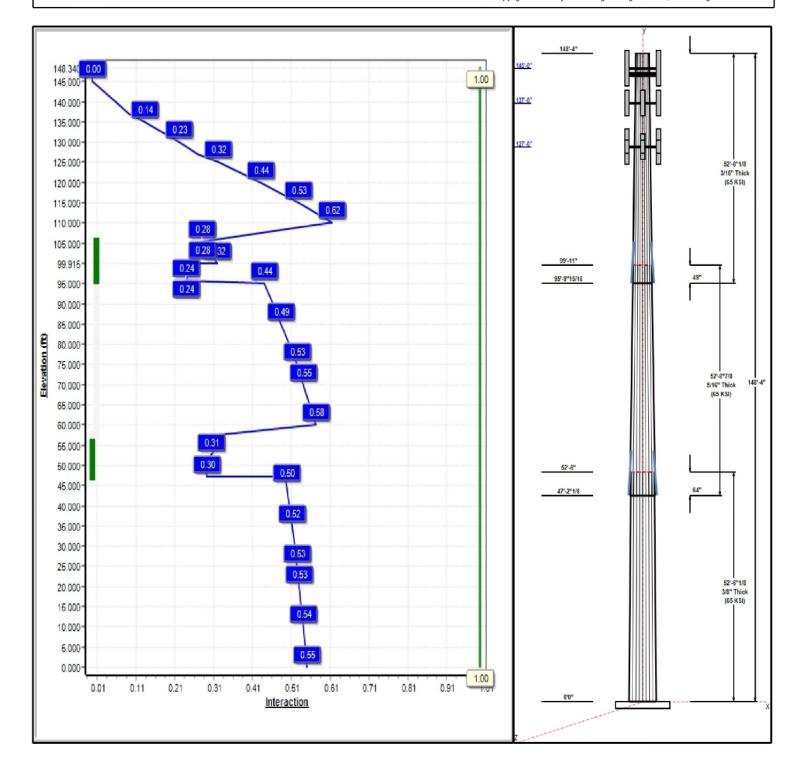
8/10/2021 ((1))

Page: 1

TES
Tower Engineering Solutions

Dead Load Factor: 1.20
Wind Load Factor: 1.60
Load Case: 1.2D + 1.6W 89 mph Wind

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### Structure: CT46144-A-SBA

Type: Tapered Base Shape: 18 Sided 8/10/2021

Site Name: Cammilletti Property

**Height:** 148.34 (ft) **Base Elev:** 0.00 (ft)

Base Shape: 18 Sided
Taper: 0.20898

Page: 2



		Shaft Properties										
	Length		Bottom	Thick	Joint	<u> </u>	Grade		148'-4"		пП	+
Seq	(ft)	(in)	(in)	(in)	Type	Taper	(ksi)	145"-0"				
1	52.51	37.03	48.00	0.375		0.20898	65			<u> </u>	∥ ⊔	
2	52.74	27.74	38.77	0.313	Slip	0.20898	65	137"-0"		Щ	ш	
3	52.51	18.00	28.97	0.188	Slip	0.20898	65			╙		
		Dis	crete /	Appurte	nance	s				0		
Attach	Force							127"-0"		LI-HILL	1111	
Elev (ft)	) Elev (ft		Descri	ption		Carrier		_			u	52'-6'
145.00	145.00	) 2	AIR32			T-Mobile Sprin	t					3/16" T
145.00	145.00	) 2	APXVA	ALL24_43	-U-NA20	T-Mobile Sprin	t					
145.00	145.00	) 2	AIR644	19 B41		T-Mobile Sprin	t					
145.00	145.00	4	RFS A	CU-A20-N	RET	T-Mobile Sprin	t					1
145.00	145.00	2	Ericsso	n 4415 B2	5	T-Mobile Sprin	t					
145.00	145.00	) 4	ALU 80	00 MHz RF	RH	T-Mobile Sprin	t				IN	, I
145.00	145.00	2	Ericsso	n 4449 B7	1 + B85	T-Mobile Sprin	t		99"-11"	Щ	111	₩.
145.00	145.00	2	ALU 80	00 MHz Fil	er	T-Mobile Sprin	t		95'-9"15/16			49"
145.00	145.00	1	RMQP	-472 (LPP)		T-Mobile Sprin	t		50-0 70110	1	Ħ	1
145.00	145.00	1		(Handrail		T-Mobile Sprin						1
137.00	137.00			R-BU6AA		AT&T						
137.00			DMP65	R-BU6DA		AT&T						
137.00				4449 B5/B		AT&T						
137.00			7770			AT&T						
137.00				3-60-18-8F		AT&T					Ш	
137.00				8843 B2 B		AT&T						52'-8"7/8 5/16" Thick
137.00						AT&T						(65 KSI)
137.00				ofile Platfo	rm	AT&T						
127.00				ofile Platfo		Verizon						
127.00				ng MT640		Verizon						
127.00				119 111 10 10		Verizon				. IIII		
127.00				scone		Verizon			52'-6"			
127.00				ng B2/B66	Α	Verizon		1 '	52-0	Art I I	TI.	1
127.00				ng B5/B13		Verizon		Ι.	47'-2"1/8	Ш	Ш	64"
127.00			RFS	119 00/010		Verizon					$\square$	1
127.00			Mount	mod		Verizon						
		Lir	near A	ppurter	nances			1				
Elev	Elev							1				
rom (ft				escription		Carrier		-				
0.00	145.00	Insid		Hybrid		T-Mobile Sprin	t					52'-6" 3/8" Ti
0.00	137.00	Insid		/8" Coax		AT&T		-1				(65 K
0.00	137.00	Insid		Conduit		AT&T						
0.00	127.00	Insid		/8" Coax		Verizon						
0.00	127.00	Insid		/8" Hybrid		Verizon						
95.80	105.30	Outsi		" Reinforci				1				
47.20	57.50	Outsi	ide 1.5	" Reinforci	ng plate							
				hor Bo	ts				0'0"			
Qty S	Specificatio		Grade (ksi)	Arrange	mont				-			
16	2.25" 18J	110	75.0	Rad				-	and the second s			
				se Plate								
		cification		Grade				_				

### Structure: CT46144-A-SBA

Type: Tapered Base Shape: 18 Sided 8/10/2021

Site Name: Cammilletti Property

148.34 (ft) Height: 0.00 (ft) Base Elev:

**Taper:** 0.20898

Page: 3

2.0000 63.0 60.0 Round

Reactions													
Moment Shear Axial													
Load Case	(FT-Kips)	(Kips)	(Kips)										
1.2D + 1.6W 89 mph Wind	2085.0	18.3	35.3										
0.9D + 1.6W 89 mph Wind	2056.1	18.3	26.4										
1.2D + 1.0Di + 1.0Wi 40 mph Wind	439.8	3.9	56.9										
1.2D + 1.0E	201.6	1.6	35.3										
0.9D + 1.0E	198.6	1.6	26.5										
1.0D + 1.0W 60 mph Wind	587.4	5.2	29.4										

### Structure: CT46144-A-SBA - Coax Line Placement

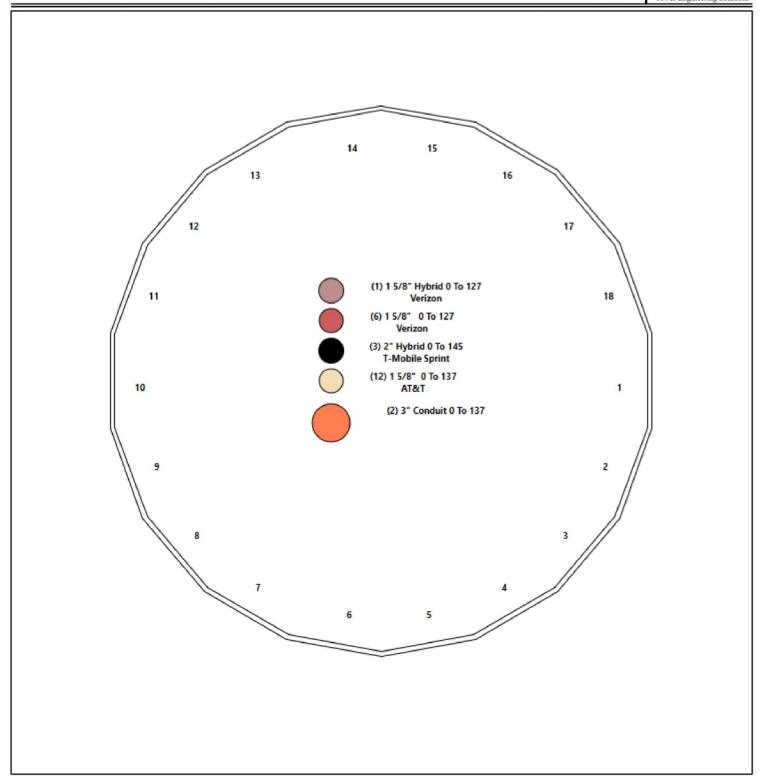
**Type:** Monopole 8/10/2021

Site Name: Cammilletti Property

Height: 148.34 (ft)

IES

Page: 4



### **Shaft Properties**

**Structure:** CT46144-A-SBA **Code:** EIA/TIA-222-G 8/10/2021

Site Name:Cammilletti PropertyExposure:BHeight:148.34 (ft)Crest Height:0.00

Base Elev: 0.000 (ft) Site Class: D - Stiff Soil

Gh: 1.1 Topography: 1 Struct Class: II Page: 5



Sec. No.	Shape	Length (ft)	Thick (in)	Fy (ksi)	Joint Type	Overlap (in)	Weight (lb)	
1	18	52.510	0.3750	65		0.00	8,961	
2	18	52.740	0.3125	65	Slip	64.02	5,864	
3	18	52.512	0.1875	65	Slip	49.05	2,478	
					Total Sha	aft Weight:	17.303	

			Вс	ttom			Тор						
Sec. No.	Dia (in)	Elev (ft)	Area (sqin)	lx (in^4)	W/t Ratio	D/t Ratio	Dia (in)	Elev (ft)	Area (sqin)	lx (in^4)	W/t Ratio	D/t Ratio	Taper
1	48.00	0.00	56.68	16243.54	21.16	128.00	37.03	52.51	43.62	7403.73	16.00	98.74	0.208979
2	38.77	47.18	38.14	7125.48	20.46	124.05	27.74	99.92	27.21	2586.91	14.24	88.78	0.208979
3	28.97	95.83	17.13	1793.54	25.84	154.53	18.00	148.34	10.60	424.93	15.52	96.00	0.208979

### **Additional Steel**

Elev	Elev						Intermediate C	onnectors —	¬r—— Termina	tion Conne	ctors -	
From	To			Fy	Fu	Offset		Spacing		Spacing	Lower	Upper
(ft)	(ft)	Qty	Description	(ksi)	(ksi)	(in)	Description	(in)	Description	(in)	Qty	Qty
47.20	57.50	3	PLT 6"x1.5"(31mm hole)	65	80	0.00	AJM20&sleeve	24.00	AJM20&sleeve	3.00	11	10
95.80	105.3	3	PLT 4.5x1.5(31mm Hole)	65	80	0.00	AJM20&sleeve	24.00	AJM20&sleeve	3.00	8	6

### **Load Summary**

**Structure:** CT46144-A-SBA **Code:** EIA/TIA-222-G 8/10/2021

Site Name:Cammilletti PropertyExposure:BHeight:148.34 (ft)Crest Height:0.00

Base Elev: 0.000 (ft) Site Class: D - Stiff Soil

Gh: 1.1 Topography: 1 Struct Class: II Page: 6



#### **Discrete Appurtenances**

				Qty         (lb)         (sf)         Factor           2         132.20         6.51         0.8				Ice			
No.	Elev (ft)	Description	Qty	•		CaAa Factor	Weight (lb)	CaAa (sf)	CaAa Factor	Hor. Ecc. (ft)	Vert Ecc (ft)
1	145.00	AIR32 KRD901146-1_B66A_B2A	2	132.20	6.51	0.87	315.84	7.686	0.87	0.00	0.00
2	145.00	APXVAALL24_43-U-NA20	2	122.80	20.24	0.73	548.87	22.134	0.73	0.00	0.00
3	145.00	AIR6449 B41	2	103.00	5.65	0.71	239.65	6.597	0.71	0.00	0.00
4	145.00	RFS ACU-A20-N RET	4	1.04	0.14	0.67	5.49	0.436	0.67	0.00	0.00
5	145.00	Ericsson 4415 B25	2	46.00	1.86	0.67	95.32	2.431	0.67	0.00	0.00
6	145.00	ALU 800 MHz RRH	4	53.00	2.49	0.67	126.71	3.630	0.67	0.00	0.00
7	145.00	Ericsson 4449 B71 + B85	2	75.00	1.97	0.67	133.96	2.537	0.67	0.00	0.00
8	145.00	ALU 800 MHz Filter	2	8.80	0.78	0.67	26.38	1.425	0.67	0.00	0.00
9	145.00	RMQP-472 (LPP)	1	1625.79	33.60	1.00	3096.22	54.639	1.00	0.00	0.00
10	145.00	HRK12 (Handrail Kit)	1	261.72	6.75	1.00	571.26	13.325	1.00	0.00	0.00
11	137.00	HPA-65R-BU6AA	3	51.00	9.66	0.85	296.50	11.013	0.85	0.00	0.00
12	137.00	DMP65R-BU6DA	3	79.40	12.71	0.72	371.29	14.161	0.72	0.00	0.00
13	137.00	RRUS 4449 B5/B12	3	71.00	1.97	0.67	123.90	2.512	0.67	0.00	0.00
14	137.00	7770	3	35.00	5.50	0.73	168.68	6.555	0.73	0.00	0.00
15	137.00	DC6-48-60-18-8F	2	31.80	0.92	1.00	93.07	1.354	1.00	0.00	0.00
16	137.00	RRUS 8843 B2 B66A	3	75.00	1.65	0.67	148.86	2.182	0.67	0.00	0.00
17	137.00	LGP 21401	6	14.10	1.29	1.00	38.88	2.118	1.00	0.00	0.00
18	137.00	Low Profile Platform	1	1500.00	22.00	1.00	2797.10	39.502	1.00	0.00	0.00
19	127.00	Low Profile Platform	1	1500.00	22.00	1.00	2787.31	39.370	1.00	0.00	0.00
20	127.00	Samsung MT6407-77A	3	79.40	4.69	0.70	196.56	5.621	0.70	0.00	0.00
21	127.00	Antel BXA-70080-6CF-EDIN-0	3	18.00	5.76	0.87	142.59	8.093	0.87	0.00	0.00
22	127.00	Commscope NHH-65C-R2B	6	51.60	11.39	0.84	309.15	13.018	0.84	0.00	0.00
23	127.00	Samsung B2/B66A RRH-BR049	3	84.40	1.87	0.67	159.39	2.433	0.67	0.00	0.00
24	127.00	Samsung B5/B13 RRH-BR04C	3	70.30	1.87	0.67	138.23	2.433	0.67	0.00	0.00
25	127.00	RFS DB-C1-12C-24AB-0Z-OVP	1	32.00	4.06	1.00	144.05	4.868	1.00	0.00	0.00
26	127.00	Mount mod	1	514.00	12.25	1.00	1113.92	24.025	1.00	0.00	0.00

Totals: 67 8,773.57 21,270.99

#### **Linear Appurtenances**

Bottom Elev. (ft)	Top Elev. (ft)	Description	Exposed Width	Exposed
0.00	145.00	(3) 2" Hybrid	0.00	Inside
0.00	137.00	(12) 1 5/8" Coax	0.00	Inside
0.00	137.00	(2) 3" Conduit	0.00	Inside
0.00	127.00	(6) 1 5/8" Coax	0.00	Inside
0.00	127.00	(1) 1 5/8" Hybrid	0.00	Inside
95.80	105.30	(3) 1.5" Reinforcing plate	1.50	Outside
47.20	57.50	(3) 1.5" Reinforcing plate	1.50	Outside

### **Shaft Section Properties**

**Structure:** CT46144-A-SBA **Code:** EIA/TIA-222-G 8/10/2021

Site Name:Cammilletti PropertyExposure:BHeight:148.34 (ft)Crest Height:0.00

Base Elev: 0.000 (ft) Site Class: D - Stiff Soil

Gh: 1.1 Topography: 1 Struct Class: II



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Increment Length: 5 (ft)

			Flat								Ac	Reinforci	ng	
Elev (ft)	Description	Thick (in)	Dia (in)	Area (in^2)	lx (in^4)	W/t Ratio	D/t Ratio	Fy (ksi)	Fb (ksi)	Weight (lb)	Area (in^2)	lxp (in^4)	lyp (in^4)	Weight (lb)
0.00		0.3750	48.000	56.684	16243.5	21.16	128.00	65	77	0.0				
5.00		0.3750	46.955	55.440	15197.7	20.67	125.21	65	77	953.8				
10.00		0.3750	45.910	54.196	14197.7	20.18	122.43	65	78	932.7				
15.00		0.3750	44.865	52.953	13242.6	19.69	119.64	65	78	911.5				
20.00		0.3750	43.820	51.709	12331.3	19.19	116.85	65	79	890.4				
25.00		0.3750	42.776	50.465	11462.8	18.70	114.07	65	79	869.2				
30.00		0.3750	41.731	49.222	10636.0	18.21	111.28	65	80	848.0				
35.00		0.3750	40.686	47.978	9850.0	17.72	108.50	65	81	826.9				
40.00		0.3750	39.641	46.734	9103.7	17.23	105.71	65	81	805.7				
45.00		0.3750	38.596	45.491	8396.1	16.74	102.92	65	82	784.6				
47.18	Bot - Section 2	0.3750	38.141	44.950	8100.1	16.52	101.71	65	82	334.7				
47.20	RB1	0.3750	38.136	44.944	8096.8	16.52	101.70	65	82	7.0	27.00	5513.8	5513.8	2.3
50.00		0.3750	37.551	44.247	7726.2	16.25	100.14	65	82	785.5	27.00	5355.9	5355.9	257.2
52.51	Top - Section 1	0.3125	37.651	37.034	6523.5	19.83	120.48	65	78	693.8	27.00	5216.4	5216.4	230.6
55.00		0.3125	37.131	36.518	6254.6	19.54	118.82	65	78	311.6	27.00	5079.8	5079.8	228.8
57.50	RT1	0.3125	36.609	36.000	5992.1	19.25	117.15	65	79	308.5	27.00	4944.4	4944.4	229.7
60.00		0.3125	36.086	35.482	5737.0	18.95	115.48	65	79	304.0				
65.00		0.3125	35.041	34.445	5248.9	18.36	112.13	65	80	594.9				
70.00		0.3125	33.996	33.409	4789.2	17.77	108.79	65	80	577.2				
75.00		0.3125	32.952	32.373	4357.2	17.18	105.44	65	81	559.6				
80.00		0.3125	31.907	31.336	3952.0	16.59	102.10	65	82	542.0				
85.00		0.3125	30.862	30.300	3572.7	16.00	98.76	65	83	524.3				
90.00		0.3125	29.817	29.264	3218.5	15.41	95.41	65	83	506.7				
95.00		0.3125	28.772	28.227	2888.5	14.82	92.07	65	83	489.1				
95.80	RB2	0.3125	28.605	28.061	2837.9	14.73	91.54	65	83	76.6	20.25	2313.1	2313.1	55.1
95.83	Bot - Section 3	0.3125	28.599	28.056	2836.2	14.73	91.52	65	83	2.6	20.25	2312.2	2312.2	1.9
99.92	Top - Section 2	0.1875	28.120	16.623	1638.6	25.03	149.97	65	72	619.1	20.25	2239.7	2239.7	281.7
100.00	•	0.1875	28.102	16.612	1635.5	25.02	149.88	65	72	4.8	20.25	2237.1	2237.1	5.8
105.00		0.1875	27.057	15.990	1458.6	24.03	144.30	65	73	277.3	20.25	2083.2	2083.2	344.5
105.30	RT2	0.1875	26.994	15.953	1448.4	23.98	143.97	65	73	16.3	20.25	2074.2	2074.2	20.7
110.00		0.1875	26.012	15.368	1295.0	23.05	138.73	65	74	250.5				
115.00		0.1875	24.967	14.747	1144.0	22.07	133.16	65	75	256.2				
120.00		0.1875	23.922	14.125	1005.3	21.09	127.59	65	77	245.6				
125.00		0.1875	22.878	13.503	878.3	20.10	122.01	65	78	235.0				
127.00		0.1875	22.460	13.254	830.7	19.71	119.78	65	78	91.0				
130.00		0.1875	21.833	12.881	762.5	19.12	116.44	65	79	133.4				
135.00		0.1875	20.788	12.259	657.3	18.14	110.87	65	80	213.9				
137.00		0.1875	20.370	12.011	618.1	17.75	108.64	65	81	82.6				
140.00		0.1875	19.743	11.637	562.3	17.16	105.30	65	81	120.7				
145.00		0.1875	18.698	11.016	476.9	16.17	99.72	65	82	192.7				
148.34		0.1875	18.000	10.600	424.9	15.52	96.00	65	83	122.8				

Total Weight 17302.8 1658.3

#### Wind Loading - Shaft

Site Name:Cammilletti PropertyExposure:BHeight:148.34 (ft)Crest Height:0.00

Base Elev: 0.000 (ft) Site Class: D - Stiff Soil

Gh: 1.1 Topography: 1 Struct Class: II



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Iterations

Load Case: 1.2D + 1.6W 89 mph Wind

Dead Load Factor 1.20 Wind Load Factor 1.60



Tot Ice Wind Dead Dead Elev C qz qzGh Thick Tributary Aa CfAa Force X Load Ice Load (ft) Description Kzt Κz (psf) (psf) (mph-ft) Cf (in) (ft) (sf) (sf) (lb) (lb) (lb) 0.650 0.00 0.0 0.00 1.00 0.70 13.485 14.83 302.45 0.000 0.00 0.000 0.0 0.0 5.00 1.00 0.70 13.485 14.83 295.86 0.650 0.000 5.00 20.087 13.06 309.9 0.0 1144.6 10.00 14.83 289.28 0.650 0.0 1.00 0.70 13 485 0.000 5.00 19.645 12.77 303.1 1119.2 14.83 282.69 0.650 0.000 12.48 296.2 0.0 1093.8 15.00 1.00 0.70 13.485 5.00 19.203 20.00 0.70 14.83 276.11 0.650 0.000 5.00 12.19 289.4 0.0 1068.4 1.00 13.485 18.761 0.650 5.00 25.00 1.00 0.70 13.485 14.83 269.53 0.000 18.319 11.91 282.6 0.0 1043.0 0.650 30.00 1.00 0.70 13.496 14.85 263.05 0.000 5.00 17.877 11.62 276.0 0.0 1017.6 0.650 35.00 1.00 0.73 14.104 15.51 262.18 0.000 5.00 17.435 11.33 281.3 0.0 992.2 40.00 1.00 0.76 14.652 16.12 260.36 0.650 0.000 5.00 16.993 11.05 284.8 0.0 966.9 1.00 15.154 16.67 257.80 0.650 0.000 5.00 16.551 10.76 286.9 0.0 941.5 45.00 0.79 15.360 16.90 256.49 0.650 4.59 124.1 0.0 401.6 47.18 Bot - Section 2 1.00 0.80 0.000 2.18 7.062 47.20 RB1 1.00 0.80 15.362 16.90 256.47 0.650 0.000 0.02 0.081 0.05 1.4 0.0 8.4 50.00 1.00 0.81 15.617 17.18 254.63 0.650 0.000 2.80 9.114 5.92 162.8 0.0 942.6 52.51 Top - Section 1 1.00 0.82 15.837 17.42 252.83 0.650 0.000 2.51 8.053 5.23 145.9 0.0 832.5 17.65 255.23 0.650 2.49 144.6 0.0 55.00 1.00 0.83 16 048 0.000 7.878 5.12 373.9 0.650 57.50 RT1 1.00 0.84 16.253 17.88 253.24 0.000 2.50 7.800 5.07 145.0 0.0 370.1 2.50 16.452 251.15 0.650 0.000 7.689 5.00 144.7 0.0 364.9 60.00 1.00 0.85 18.10 246.68 5.00 16.833 18.52 0.650 15.047 289.7 0.0 65.00 1.00 0.870.000 9.78 713.8 241.88 0.650 0.0 70.00 1.00 0.89 17.193 18.91 0.000 5.00 14.605 9.49 287.3 692.7 75.00 1.00 0.91 17.535 19.29 236.76 0.650 0.000 5.00 14.163 9.21 284.1 0.0 671.5 1.00 0.93 17.861 19.65 231.38 0.650 0.000 5.00 13.721 8.92 280.4 0.0 650.4 80.00 85.00 1.00 0.9418.173 19.99 225.75 0.650 0.0005.00 13.278 8.63 276.1 0.0 629.2 219.89 0.650 90.00 1.00 0.96 18.473 20.32 0.000 5.00 12.836 8.34 271.3 0.0 608.0 0.650 95.00 1.00 0.97 18.760 20.64 213.83 0.000 5.00 12.394 8.06 266.0 0.0 586.9 95.80 RB2 1.00 0.98 18.805 20.69 212.84 0.650 0.000 0.80 1.942 1.26 41.8 0.0 91.9 95.83 Bot - Section 3 1.00 0.98 18.807 20.69 212.81 0.650 0.000 0.03 0.067 0.04 0.0 3.2 1.4 0.99 19.033 20.94 207.69 0.650 0.000 4.09 9.874 6.42 215.0 0.0 742.9 99.92 Top - Section 2 1.00 100.00 0.99 19 037 20.94 210.39 0.650 0.000 0.08 0.202 0.13 0.0 5.8 1.00 44 0.650 105.00 1.00 1.00 19.304 21.23 203.98 0.000 5.00 11.669 7.58 257.7 0.0 332.8 105.30 RT2 21.25 203.59 0.650 1.00 1.00 19.320 0.000 0.30 0.686 0.45 15.2 0.0 19.6 0.650 21.52 197.41 4.70 110.00 1.00 1.02 19.563 0.000 10.541 6.85 235.9 0.0 300.6 190.69 0.650 115.00 1.00 1.03 19.813 21.79 0.000 5.00 10.785 7.01 244.4 0.0 307.4 0.650 120.00 1.00 1.04 20.055 22.06 183.82 0.000 5.00 10.343 6.72 237.3 0.0 294.7 1.00 1.05 20.290 22.32 176.82 0.650 0.000 5.00 9.900 6.44 229.8 0.0 282.0 125.00 20.383 22.42 173.99 0.650 0.000 2.00 3.836 2.49 0.0 127.00 Appurtenance(s) 1.00 1.06 89.5 109.3 130.00 1.00 1.07 20.519 22.57 169.70 0.650 0.000 3.00 5.622 3.65 132.0 0.0 160.1 135.00 1.00 1.08 20.742 22.82 162.45 0.650 0.000 5.00 9.016 5.86 213.9 0.0 256.6 137.00 Appurtenance(s) 1.00 1.08 20.829 22.91 159.52 0.650 0.000 2.00 3.483 2.26 83.0 0.0 99.1 140.00 1.00 1.09 20.958 23.05 155.09 0.650 0.000 3.00 5.091 3.31 122.1 0.0 144.8 0.650 0.000 145.00 Appurtenance(s) 1.00 1 10 21 169 23 29 147 62 5.00 8 132 5 29 196.9 0.0 2313 1.11 21.308 23.44 142.57 0.650 3.34 147.4 148.34 1.00 0.000 5.186 3.37 126.4 0.0

Totals: 148.34

7,880.4

20,763.3

### **Discrete Appurtenance Forces**

**Structure:** CT46144-A-SBA **Code:** EIA/TIA-222-G 8/10/2021

Site Name:Cammilletti PropertyExposure:BHeight:148.34 (ft)Crest Height:0.00

Base Elev: 0.000 (ft) Site Class: D - Stiff Soil

Gh: 1.1 Topography: 1 Struct Class: II



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Load Case: 1.2D + 1.6W 89 mph Wind

Dead Load Factor 1.20 Wind Load Factor 1.60



Iterations 25

No.	Elev (ft) Descripti	on Qty	qz (psf)	qzGh (psf)	Orient Factor x Ka	Ka	Total CaAa (sf)	Dead Load (lb)	Horiz Ecc (ft)	Vert Ecc (ft)	Wind FX (lb)	Mom Y (lb-ft)	Mom Z (lb-ft)
1	145.00 Ericsson 4415 B2	25 2	21.169	23.286	0.50	0.75	1.87	110.40	0.000	0.000	69.65	0.00	0.00
2	145.00 AIR32	2	21.169	23.286	0.65	0.75	8.50	317.28	0.000	0.000	316.53	0.00	0.00
3	145.00 APXVAALL24_43	3-U-NA20 2	21.169	23.286	0.55	0.75	22.16	294.72	0.000	0.000	825.74	0.00	0.00
4	145.00 AIR6449 B41	2	21.169	23.286	0.53	0.75	6.02	247.20	0.000	0.000	224.19	0.00	0.00
5	145.00 RFS ACU-A20-N	RET 4	21.169	23.286	0.50	0.75	0.28	4.99	0.000	0.000	10.48	0.00	0.00
6	145.00 HRK12 (Handrail	Kit) 1	21.169	23.286	1.00	1.00	6.75	314.06	0.000	0.000	251.49	0.00	0.00
7	145.00 ALU 800 MHz RF	RH 4	21.169	23.286	0.50	0.75	5.00	254.40	0.000	0.000	186.47	0.00	0.00
8	145.00 Ericsson 4449 B	71 + B85 2	21.169	23.286	0.50	0.75	1.98	180.00	0.000	0.000	73.77	0.00	0.00
9	145.00 ALU 800 MHz Fil	ter 2	21.169	23.286	0.50	0.75	0.78	21.12	0.000	0.000	29.21	0.00	0.00
10	145.00 RMQP-472 (LPP	) 1	21.169	23.286	1.00	1.00	33.60	1950.95	0.000	0.000	1251.87	0.00	0.00
11	137.00 Low Profile Platfo	orm 1	20.829	22.912	1.00	1.00	22.00	1800.00	0.000	0.000	806.49	0.00	0.00
12	137.00 LGP 21401	6	20.829	22.912	0.80	0.80	6.19	101.52	0.000	0.000	226.99	0.00	0.00
13	137.00 RRUS 8843 B2 E	366A 3	20.829	22.912	0.54	0.80	2.65	270.00	0.000	0.000	97.26	0.00	0.00
14	137.00 DC6-48-60-18-8F	2	20.829	22.912	0.80	0.80	1.47	76.32	0.000	0.000	53.96	0.00	0.00
15	137.00 RRUS 4449 B5/E	312 3	20.829	22.912	0.54	0.80	3.17	255.60	0.000	0.000	116.13	0.00	0.00
16	137.00 DMP65R-BU6DA	3	20.829	22.912	0.58	0.80	21.96	285.84	0.000	0.000	805.13	0.00	0.00
17	137.00 HPA-65R-BU6A	3	20.829	22.912	0.85	1.00	24.63	183.60	0.000	0.000	903.02	0.00	0.00
18	137.00 7770	3	20.829	22.912	0.58	0.80	9.64	126.00	0.000	0.000	353.24	0.00	0.00
19	127.00 Commscope	6	20.383	22.421	0.63	0.75	43.05	371.52	0.000	0.000	1544.50	0.00	0.00
20	127.00 Low Profile Platfo	orm 1	20.383	22.421	1.00	1.00	22.00	1800.00	0.000	0.000	789.22	0.00	0.00
21	127.00 Samsung MT640	7-77A 3	20.383	22.421	0.52	0.75	7.39	285.84	0.000	0.000	264.99	0.00	0.00
22	127.00 Antel	3	20.383	22.421	0.65	0.75	11.28	64.80	0.000	0.000	404.48	0.00	0.00
23	127.00 RFS	1	20.383	22.421	1.00	1.00	4.06	38.40	0.000	0.000	145.65	0.00	0.00
24	127.00 Samsung B2/B66	SA 3	20.383	22.421	0.50	0.75	2.82	303.84	0.000	0.000	101.13	0.00	0.00
25	127.00 Samsung B5/B13	3	20.383	22.421	0.50	0.75	2.82	253.08	0.000	0.000	101.13	0.00	0.00
26	127.00 Mount mod	1	20.383	22.421	1.00	1.00	12.25	616.80	0.000	0.000	439.45	0.00	0.00

Totals: 10,528.28 10,392.16

### **Total Applied Force Summary**

**Structure:** CT46144-A-SBA **Code:** EIA/TIA-222-G 8/10/2021

Site Name:Cammilletti PropertyExposure:BHeight:148.34 (ft)Crest Height:0.00

Base Elev: 0.000 (ft) Site Class: D - Stiff Soil

Gh: 1.1 Topography: 1 Struct Class: II Page: 10



Load Case: 1.2D + 1.6W 89 mph Wind

Dead Load Factor 1.20 Wind Load Factor 1.60



Iterations 25

Elev		Lateral FX (-)	Axial FY (-)	Torsion MY	Moment MZ
(ft)	Description	(lb)	(lb)	(lb-ft)	(lb-ft)
0.00		0.00	0.00	0.00	0.00
5.00		309.88	1293.17	0.00	0.00
10.00		303.06	1267.78	0.00	0.00
15.00		296.24	1242.38	0.00	0.00
20.00		289.42	1216.99	0.00	0.00
25.00		282.60	1191.60	0.00	0.00
30.00		276.01	1166.21	0.00	0.00
35.00		281.31	1140.82	0.00	0.00
40.00		284.84	1115.43	0.00	0.00
45.00		286.92	1090.04	0.00	0.00
47.18		124.09	466.28	0.00	0.00
47.10		1.43	9.16	0.00	0.00
50.00		162.84	1025.77	0.00	0.00
52.51		145.89	907.12	0.00	0.00
55.00		144.64	447.91	0.00	0.00
57.50		145.02	444.43	0.00	0.00
60.00		144.72	439.14	0.00	0.00
65.00		289.75	862.41	0.00	0.00
70.00		287.25	841.25	0.00	0.00
75.00		284.10	820.09	0.00	0.00
80.00		280.36	798.93	0.00	0.00
85.00		276.06	777.78	0.00	0.00
90.00		271.27	756.62	0.00	0.00
95.00		266.00	735.46	0.00	0.00
95.80		41.78	115.71	0.00	0.00
95.83		1.44	3.99	0.00	0.00
99.92		214.98	864.34	0.00	0.00
100.00		4.39	8.28	0.00	0.00
105.00		257.70	481.39	0.00	0.00
105.30		15.16	28.48	0.00	0.00
110.00		235.90	440.21	0.00	0.00
115.00		244.44	456.00	0.00	0.00
120.00		237.29	443.30	0.00	0.00
125.00		229.81	430.60	0.00	0.00
127.00	(21) attachments	3879.99	3902.97	0.00	0.00
130.00	(21) diadominonio	131.97	222.80	0.00	0.00
135.00		213.94	361.17	0.00	0.00
137.00	(24) attachments	3445.21	3239.79	0.00	0.00
140.00	(24) attacriments	122.07	155.15	0.00	0.00
145.00	(22) attachments	3436.34	3943.55	0.00	0.00
148.34	(22) attachments	126.41	147.40	0.00	0.00
140.34					
	Totals:	18,272.54	35,301.90	0.00	0.00

## Linear Appurtenance Segment Forces (Factored)

**Structure:** CT46144-A-SBA **Code:** EIA/TIA-222-G 8/10/2021

Site Name:Cammilletti PropertyExposure:BHeight:148.34 (ft)Crest Height:0.00

Base Elev: 0.000 (ft) Site Class: D - Stiff Soil

Gh: 1.1 Topography: 1 Struct Class: II Page: 11



Load Case: 1.2D + 1.6W 89 mph Wind

Dead Load Factor 1.20 Wind Load Factor 1.60



Iterations 25

Top Elev (ft)	Description	Wind Exposed	Length (ft)	Са	Exposed Width (in)	Area (sqft)	CaAa (sqft)	Ra	Cf Adjust Factor	qz (psf)	F X (lb)	Dead Load (lb)
50.00	1.5" Reinforcing plate	Yes	2.80	0.000	1.50	0.35	0.00	0.039	0.000	15.617	0.00	0.00
52.51	1.5" Reinforcing plate	Yes	2.51	0.000	1.50	0.31	0.00	0.040	0.000	15.837	0.00	0.00
55.00	1.5" Reinforcing plate	Yes	2.49	0.000	1.50	0.31	0.00	0.040	0.000	16.048	0.00	0.00
57.50	1.5" Reinforcing plate	Yes	2.50	0.000	1.50	0.31	0.00	0.040	0.000	16.253	0.00	0.00
95.83	1.5" Reinforcing plate	Yes	0.03	0.000	1.50	0.00	0.00	0.052	0.000	18.807	0.00	0.00
99.92	1.5" Reinforcing plate	Yes	4.09	0.000	1.50	0.51	0.00	0.052	0.000	19.033	0.00	0.00
100.00	1.5" Reinforcing plate	Yes	0.08	0.000	1.50	0.01	0.00	0.053	0.000	19.037	0.00	0.00
05.00	1.5" Reinforcing plate	Yes	5.00	0.000	1.50	0.63	0.00	0.054	0.000	19.304	0.00	0.00
05.30	1.5" Reinforcing plate	Yes	0.30	0.000	1.50	0.04	0.00	0.055	0.000	19.320	0.00	0.00
									_			

Totals: 0.0 0.0

#### **Calculated Forces**

**Structure:** CT46144-A-SBA **Code:** EIA/TIA-222-G 8/10/2021

Site Name:Cammilletti PropertyExposure:BHeight:148.34 (ft)Crest Height:0.00

Base Elev: 0.000 (ft) Site Class: D - Stiff Soil

Gh: 1.1 Topography: 1 Struct Class: II



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**Iterations** 

25

Load Case: 1.2D + 1.6W 89 mph Wind

Dead Load Factor 1.20 Wind Load Factor 1.60

Seg Elev	Pu FY (-)	Vu FX (-)	Tu MY (-)	Mu MZ	Mu MX	Resultant Moment	phi Pn	phi Vn	phi Tn	phi Mn	Total Deflect	Rotation Sway	Twist	Stress
(ft)	(kips)	(kips)			(ft-kips)	(ft-kips)	(kips)	(kips)	(ft-kips)	(ft-kips)	(in)	(deg)	(deg)	Ratio
0.00	-35.27	-18.33	0.00	-2084.9	0.00	2084.97	3903.36	1951.68	7638.46 7360.85	3824.91 3685.90	0.00	0.000	0.000	0.554
5.00	-33.92 -32.60	-18.12 -17.92	0.00	-1993.3 -1902.7	0.00	1993.33 1902.72	3846.55 3788.45	1923.28 1894.23	7085.75	3548.14	0.10	-0.179 -0.361	0.000	0.550 0.545
15.00	-31.30	-17.72	0.00	-1813.1	0.00	1813.13	3729.06	1864.53	6813.30	3411.72	0.86	-0.547	0.000	0.545
20.00	-30.03	-17.51	0.00	-1724.5	0.00	1724.56	3668.37	1834.19	6543.69	3276.71	1.53	-0.737	0.000	0.535
25.00	-28.78	-17.31	0.00	-1637.0	0.00	1637.00	3606.39	1803.19	6277.08	3143.21	2.41	-0.737	0.000	0.535
30.00	-27.56	-17.11	0.00	-1550.4	0.00	1550.44	3543.11	1771.56	6013.64	3011.29	3.49	-1.129	0.000	0.523
35.00	-26.37	-16.90	0.00	-1464.8	0.00	1464.89	3478.55	1771.30	5753.54	2881.05	4.78	-1.129	0.000	0.525
40.00	-25.20	-16.68	0.00	-1380.4	0.00	1380.40	3412.68	1706.34	5496.94	2752.56	6.28	-1.536	0.000	0.509
45.00	-24.08	-16.42	0.00	-1297.0	0.00	1297.02	3345.53	1672.76	5244.01	2625.90	8.00	-1.745	0.000	0.503
47.18	-23.60	-16.30	0.00	-1261.2	0.00	1261.29	3315.91	1657.95	5135.17	2571.40	8.82	-1.839	0.000	0.498
47.10	-23.58	-16.32	0.00	-1260.8	0.00	1260.89	3315.57	1657.78	5133.93	2570.78	8.83	-1.840	0.000	0.496
50.00	-22.54	-16.15	0.00	-1215.2	0.00	1215.20	3277.08	1638.54	4994.93	2501.18	9.93	-1.913	0.000	0.291
52.51	-21.62	-16.00	0.00	-1174.6	0.00	1174.67	2602.21	1301.11	3990.47	1998.20	10.95	-1.978	0.000	0.308
55.00	-21.16	-15.86	0.00	-1134.8	0.00	1134.84	2577.30	1288.65	3896.73	1951.26	12.00	-2.043	0.000	0.326
57.50	-20.70	-15.72	0.00	-1095.1	0.00	1095.19	2551.96	1275.98	3803.21	1904.43	13.09	-2.113	0.000	0.320
57.50	-20.70	-15.72	0.00	-1095.1	0.00	1095.19	2551.96	1275.98	3803.21	1904.43	13.09	-2.113	0.000	0.320
60.00	-20.70	-15.62	0.00	-1055.8	0.00	1055.88	2526.30	1263.15	3710.31	1857.91	14.21	-2.113	0.000	0.576
65.00	-19.31	-15.38	0.00	-977.78	0.00	977.78	2474.01	1237.00	3526.46	1765.85	16.64	-2.435	0.000	0.562
70.00	-18.41	-15.14	0.00	-900.87	0.00	900.87	2420.42	1210.21	3345.35	1675.16	19.32	-2.490	0.000	0.546
75.00	-17.54	-14.89	0.00	-825.17	0.00	825.17	2365.54	1182.77	3167.14	1585.93	22.27	-2.946	0.000	0.528
80.00	-16.69	-14.65	0.00	-750.70	0.00	750.70	2309.37	1154.68	2992.01	1498.23	25.50	-3.203	0.000	0.508
85.00	-15.87	-14.40	0.00	-677.47	0.00	677.47	2251.13	1125.57	2819.16	1411.68	28.99	-3.460	0.000	0.487
90.00	-15.07	-14.15	0.00	-605.48	0.00	605.48	2174.14	1087.07	2628.67	1316.29	32.75	-3.716	0.000	0.467
95.00	-14.31	-13.87	0.00	-534.75	0.00	534.75	2097.14	1048.57	2444.84	1224.23	36.77	-3.968	0.000	0.444
95.80	-14.20	-13.82	0.00	-523.66	0.00	523.66	2084.82	1048.37	2416.04	1209.82	37.44	-4.009	0.000	0.444
95.83	-14.18	-13.84	0.00	-523.28	0.00	523.28	2084.39	1042.41	2415.05	1209.32	37.46	-4.010	0.000	0.242
99.92	-13.32	-13.57	0.00	-466.72	0.00	466.72	1076.50	538.25	1236.95	619.40	40.94	-4.122	0.000	0.261
100.00	-13.29	-13.59	0.00	-465.57	0.00	465.57	1076.30	538.05	1235.71	618.78	41.02	-4.124	0.000	0.324
105.00	-12.81	-13.31	0.00	-397.64	0.00	397.64	1052.46	526.23	1163.02	582.37	45.42	-4.283	0.000	0.324
105.30	-12.77	-13.31	0.00	-393.64	0.00	393.64	1051.00	525.50	1158.68	580.20	45.69	-4.292	0.000	0.285
105.30	-12.77	-13.31	0.00	-393.64	0.00	393.64	1051.00	525.50	1158.68	580.20	45.69	-4.292	0.000	0.285
110.00	-12.29	-13.10	0.00	-331.08	0.00	331.08	1027.52	513.76	1090.99	546.31	49.98	-4.430	0.000	0.619
115.00		-12.88	0.00	-265.60	0.00	265.60	1001.28	500.64	1019.81	510.66	54.79	-4.758	0.000	0.533
120.00	-11.31	-12.66	0.00	-201.21	0.00	201.21	973.75	486.88	949.64	475.53	59.93	-5.048	0.000	0.435
125.00	-10.87	-12.42	0.00	-137.92	0.00	137.92	944.93	472.47	880.64	440.98	65.35	-5.288	0.000	0.325
127.00	-7.33	-8.20	0.00	-113.08	0.00	113.08	933.04	466.52	853.41	427.34	67.58	-5.369	0.000	0.273
130.00	-7.10	-8.07	0.00	-88.47	0.00	88.47	914.81	457.41	812.99	407.10	70.98	-5.473	0.000	0.225
135.00	-6.75	-7.83	0.00	-48.13	0.00	48.13	883.40	441.70	746.85	373.98	76.78	-5.600	0.000	0.137
137.00	-3.86	-4.09	0.00	-32.48	0.00	32.48	870.48	435.24	720.86	360.97	79.13	-5.635	0.000	0.094
140.00	-3.72	-3.95	0.00	-20.22	0.00	20.22	850.70	425.35	682.40	341.71	82.68	-5.671	0.000	0.064
145.00	-0.13	-0.14	0.00	-0.47	0.00	0.47	816.70	408.35	619.79	310.35	88.63	-5.697	0.000	0.002
148.34	0.00	-0.13	0.00	0.00	0.00	0.00	787.55	393.77	574.90	287.88	92.61	-5.698	0.000	0.002
710.04	0.00	0.10	0.00	0.00	0.00	0.00	101.00	000.17	014.00	201.00	02.01	0.000	0.000	0.000

#### Wind Loading - Shaft

CT46144-A-SBA Code: EIA/TIA-222-G 8/10/2021 Structure:

Site Name: Cammilletti Property Exposure: В Height: 148.34 (ft) Crest Height: 0.00

Base Elev: 0.000 (ft) Site Class: D - Stiff Soil

Gh: 1.1 Struct Class: Topography:



Page: 13

Iterations

25

Load Case: 0.9D + 1.6W 89 mph Wind

**Dead Load Factor** 0.90Wind Load Factor 1.60



Tot Ice Wind Dead Dead Elev C qz qzGh Thick Tributary Aa CfAa Force X Load Ice Load (ft) Description Kzt Κz (psf) (psf) (mph-ft) Cf (in) (ft) (sf) (sf) (lb) (lb) (lb) 0.650 0.00 0.0 0.00 1.00 0.70 13.485 14.83 302.45 0.000 0.00 0.000 0.0 0.0 5.00 1.00 0.70 13.485 14.83 295.86 0.650 0.000 5.00 20.087 13.06 309.9 0.0 858.4 10.00 14.83 289.28 0.650 0.0 1.00 0.70 13 485 0.000 5.00 19.645 12.77 303.1 839.4 14.83 282.69 0.650 0.000 12.48 296.2 0.0 820.4 15.00 1.00 0.70 13.485 5.00 19.203 20.00 0.70 14.83 276.11 0.650 0.000 5.00 12.19 289.4 0.0 801.3 1.00 13.485 18.761 0.650 5.00 25.00 1.00 0.70 13.485 14.83 269.53 0.000 18.319 11.91 282.6 0.0 782.3 0.650 30.00 1.00 0.70 13.496 14.85 263.05 0.000 5.00 17.877 11.62 276.0 0.0 763.2 0.650 35.00 1.00 0.73 14.104 15.51 262.18 0.000 5.00 17.435 11.33 281.3 0.0 744.2 40.00 1.00 0.76 14.652 16.12 260.36 0.650 0.000 5.00 16.993 11.05 284.8 0.0 725.1 1.00 15.154 16.67 257.80 0.650 0.000 5.00 16.551 10.76 286.9 0.0 706.1 45.00 0.79 15.360 16.90 256.49 0.650 4.59 124.1 0.0 301.2 47.18 Bot - Section 2 1.00 0.80 0.000 2.18 7.062 47.20 RB1 1.00 0.80 15.362 16.90 256.47 0.650 0.000 0.02 0.081 0.05 1.4 0.0 6.3 50.00 1.00 0.81 15.617 17.18 254.63 0.650 0.000 2.80 9.114 5.92 162.8 0.0 706.9 52.51 Top - Section 1 1.00 0.82 15.837 17.42 252.83 0.650 0.000 2.51 8.053 5.23 145.9 0.0 624.4 17.65 255.23 0.650 2.49 144.6 0.0 55.00 1.00 0.83 16 048 0.000 7.878 5.12 280.4 0.650 57.50 RT1 1.00 0.84 16.253 17.88 253.24 0.000 2.50 7.800 5.07 145.0 0.0 277.6 2.50 16.452 251.15 0.650 0.000 7.689 5.00 144.7 0.0 60.00 1.00 0.85 18.10 273.6 246.68 5.00 16.833 18.52 0.650 15.047 289.7 0.0 65.00 1.00 0.870.000 9.78 535.4 241.88 0.650 0.0 70.00 1.00 0.89 17.193 18.91 0.000 5.00 14.605 9.49 287.3 519.5 75.00 1.00 0.91 17.535 19.29 236.76 0.650 0.000 5.00 14.163 9.21 284.1 0.0 503.6 1.00 0.93 17.861 19.65 231.38 0.650 0.000 5.00 13.721 8.92 280.4 0.0 487.8 80.00 85.00 1.00 0.9418.173 19.99 225.75 0.650 0.000 5.00 13.278 8.63 276.1 0.0 471.9 219.89 0.650 90.00 1.00 0.96 18.473 20.32 0.000 5.00 12.836 8.34 271.3 0.0 456.0 0.650 95.00 1.00 0.97 18.760 20.64 213.83 0.000 5.00 12.394 8.06 266.0 0.0 440.2 95.80 RB2 1.00 0.98 18.805 20.69 212.84 0.650 0.000 0.80 1.942 1.26 41.8 0.0 69.0 95.83 Bot - Section 3 1.00 0.98 18.807 20.69 212.81 0.650 0.000 0.03 0.067 0.04 0.0 2.4 1.4 0.99 19.033 20.94 207.69 0.650 0.000 4.09 9.874 6.42 215.0 0.0 557.2 99.92 Top - Section 2 1.00 100.00 0.99 19 037 20.94 210.39 0.650 0.000 0.08 0.202 0.13 0.0 1.00 44 4.3 0.650 105.00 1.00 1.00 19.304 21.23 203.98 0.000 5.00 11.669 7.58 257.7 0.0 249.6 105.30 RT2 21.25 203.59 0.650 1.00 1.00 19.320 0.000 0.30 0.686 0.45 15.2 0.0 14.7 0.650 21.52 197.41 4.70 225.4 110.00 1.00 1.02 19.563 0.000 10.541 6.85 235.9 0.0 190.69 0.650 115.00 1.00 1.03 19.813 21.79 0.000 5.00 10.785 7.01 244.4 0.0 230.6 0.650 120.00 1.00 1.04 20.055 22.06 183.82 0.000 5.00 10.343 6.72 237.3 0.0 221.0 1.05 20.290 22.32 176.82 0.650 0.000 5.00 9.900 6.44 229.8 0.0 211.5 125.00 1.00 20.383 22.42 173.99 0.650 0.000 2.00 3.836 2.49 0.0 81.9 127.00 Appurtenance(s) 1.00 1.06 89.5 130.00 1.00 1.07 20.519 22.57 169.70 0.650 0.000 3.00 5.622 3.65 132.0 0.0 120.1 135.00 1.00 1.08 20.742 22.82 162.45 0.650 0.000 5.00 9.016 5.86 213.9 0.0 192.5 137.00 Appurtenance(s) 1.00 1.08 20.829 22.91 159.52 0.650 0.000 2.00 3.483 2.26 83.0 0.0 74.3 140.00 1.00 1.09 20.958 23.05 155.09 0.650 0.000 3.00 5.091 3.31 122.1 0.0 108.6 0.650 0.000 145.00 Appurtenance(s) 1.00 1 10 21 169 23 29 147 62 5.00 8 132 5 29 196.9 0.0 1734 1.11 21.308 23.44 142.57 0.650 3.34 148.34 1.00 0.000 5.186 3.37 126.4 0.0 110.6 15,572.5

Totals: 148.34 7,880.4

### **Discrete Appurtenance Forces**

**Structure:** CT46144-A-SBA **Code:** EIA/TIA-222-G 8/10/2021

Site Name:Cammilletti PropertyExposure:BHeight:148.34 (ft)Crest Height:0.00

Base Elev: 0.000 (ft) Site Class: D - Stiff Soil

Gh: 1.1 Topography: 1 Struct Class: II Page: 14



Load Case: 0.9D + 1.6W 89 mph Wind

Dead Load Factor 0.90 Wind Load Factor 1.60



Iterations 25

No.	Elev (ft)	Description	Qty	qz (psf)	qzGh (psf)	Orient Factor x Ka	Ka	Total CaAa (sf)	Dead Load (lb)	Horiz Ecc (ft)	Vert Ecc (ft)	Wind FX (lb)	Mom Y (lb-ft)	Mom Z (lb-ft)
1	145.00	Ericsson 4415 B25	2	21.169	23.286	0.50	0.75	1.87	82.80	0.000	0.000	69.65	0.00	0.00
2	145.00	AIR32	2	21.169	23.286	0.65	0.75	8.50	237.96	0.000	0.000	316.53	0.00	0.00
3	145.00	APXVAALL24_43-U-NA20	2	21.169	23.286	0.55	0.75	22.16	221.04	0.000	0.000	825.74	0.00	0.00
4	145.00	AIR6449 B41	2	21.169	23.286	0.53	0.75	6.02	185.40	0.000	0.000	224.19	0.00	0.00
5	145.00	RFS ACU-A20-N RET	4	21.169	23.286	0.50	0.75	0.28	3.74	0.000	0.000	10.48	0.00	0.00
6	145.00	HRK12 (Handrail Kit)	1	21.169	23.286	1.00	1.00	6.75	235.55	0.000	0.000	251.49	0.00	0.00
7	145.00	ALU 800 MHz RRH	4	21.169	23.286	0.50	0.75	5.00	190.80	0.000	0.000	186.47	0.00	0.00
8	145.00	Ericsson 4449 B71 + B85	2	21.169	23,286	0.50	0.75	1.98	135.00	0.000	0.000	73.77	0.00	0.00
9	145.00	ALU 800 MHz Filter	2	21.169	23.286	0.50	0.75	0.78	15.84	0.000	0.000	29.21	0.00	0.00
10	145.00	RMQP-472 (LPP)	1	21.169	23.286	1.00	1.00	33.60	1463.21	0.000	0.000	1251.87	0.00	0.00
11	137.00	Low Profile Platform	1	20.829	22.912	1.00	1.00	22.00	1350.00	0.000	0.000	806.49	0.00	0.00
12	137.00	LGP 21401	6	20.829	22.912	0.80	0.80	6.19	76.14	0.000	0.000	226.99	0.00	0.00
13	137.00	RRUS 8843 B2 B66A	3	20.829	22.912	0.54	0.80	2.65	202.50	0.000	0.000	97.26	0.00	0.00
14	137.00	DC6-48-60-18-8F	2	20.829	22.912	0.80	0.80	1.47	57.24	0.000	0.000	53.96	0.00	0.00
15	137.00	RRUS 4449 B5/B12	3	20.829	22.912	0.54	0.80	3.17	191.70	0.000	0.000	116.13	0.00	0.00
16	137.00	DMP65R-BU6DA	3	20.829	22.912	0.58	0.80	21.96	214.38	0.000	0.000	805.13	0.00	0.00
17	137.00	HPA-65R-BU6AA	3	20.829	22.912	0.85	1.00	24.63	137.70	0.000	0.000	903.02	0.00	0.00
18	137.00	7770	3	20.829	22.912	0.58	0.80	9.64	94.50	0.000	0.000	353.24	0.00	0.00
19	127.00	Commscope	6	20.383	22.421	0.63	0.75	43.05	278.64	0.000	0.000	1544.50	0.00	0.00
20	127.00	Low Profile Platform	1	20.383	22.421	1.00	1.00	22.00	1350.00	0.000	0.000	789.22	0.00	0.00
21	127.00	Samsung MT6407-77A	3	20.383	22.421	0.52	0.75	7.39	214.38	0.000	0.000	264.99	0.00	0.00
22	127.00	Antel	3	20.383	22.421	0.65	0.75	11.28	48.60	0.000	0.000	404.48	0.00	0.00
23	127.00	RFS	1	20.383	22.421	1.00	1.00	4.06	28.80	0.000	0.000	145.65	0.00	0.00
24	127.00	Samsung B2/B66A	3	20.383	22.421	0.50	0.75	2.82	227.88	0.000	0.000	101.13	0.00	0.00
25	127.00	Samsung B5/B13	3	20.383	22.421	0.50	0.75	2.82	189.81	0.000	0.000	101.13	0.00	0.00
26	127.00	Mount mod	1	20.383	22.421	1.00	1.00	12.25	462.60	0.000	0.000	439.45	0.00	0.00

Totals: 7,896.21 10,392.16

# **Total Applied Force Summary**

**Structure:** CT46144-A-SBA **Code:** EIA/TIA-222-G 8/10/2021

Site Name:Cammilletti PropertyExposure:BHeight:148.34 (ft)Crest Height:0.00

Base Elev: 0.000 (ft) Site Class: D - Stiff Soil

Gh: 1.1 Topography: 1 Struct Class: II Page: 15



Load Case: 0.9D + 1.6W 89 mph Wind

Dead Load Factor 0.90 Wind Load Factor 1.60



Iterations

25

Elev		Lateral FX (-)	Axial FY (-)	Torsion MY	Moment MZ
(ft)	Description	(lb)	(lb)	(lb-ft)	(lb-ft)
0.00		0.00	0.00	0.00	0.00
5.00		309.88	969.88	0.00	0.00
10.00		303.06	950.83	0.00	0.00
15.00		296.24	931.79	0.00	0.00
20.00		289.42	912.75	0.00	0.00
25.00		282.60	893.70	0.00	0.00
30.00		276.01	874.66	0.00	0.00
35.00		281.31	855.62	0.00	0.00
40.00		284.84	836.57	0.00	0.00
45.00		286.92	817.53	0.00	0.00
47.18		124.09	349.71	0.00	0.00
47.20		1.43	6.87	0.00	0.00
50.00		162.84	769.32	0.00	0.00
52.51		145.89	680.34	0.00	0.00
55.00		144.64	335.93	0.00	0.00
57.50		145.02	333.32	0.00	0.00
60.00		144.72	329.36	0.00	0.00
65.00		289.75	646.81	0.00	0.00
70.00		287.25	630.94	0.00	0.00
75.00		284.10	615.07	0.00	0.00
80.00		280.36	599.20	0.00	0.00
85.00		276.06	583.33	0.00	0.00
90.00		271.27	567.46	0.00	0.00
95.00		266.00	551.59	0.00	0.00
95.80		41.78	86.78	0.00	0.00
95.83		1.44	2.99	0.00	0.00
99.92		214.98	648.25	0.00	0.00
100.00		4.39	6.21	0.00	0.00
105.00		257.70	361.04	0.00	0.00
105.30		15.16	21.36	0.00	0.00
110.00		235.90	330.16	0.00	0.00
115.00		244.44	342.00	0.00	0.00
120.00		237.29	332.48	0.00	0.00
125.00		229.81	322.95	0.00	0.00
127.00	(21) attachments	3879.99	2927.23	0.00	0.00
130.00	, ,	131.97	167.10	0.00	0.00
135.00		213.94	270.88	0.00	0.00
137.00	(24) attachments	3445.21	2429.85	0.00	0.00
140.00	(-1)	122.07	116.36	0.00	0.00
145.00	(22) attachments	3436.34	2957.66	0.00	0.00
148.34	( <b></b> ) 213011110110	126.41	110.55	0.00	0.00
	Totals:	18,272.54	26,476.43	0.00	0.00

# Linear Appurtenance Segment Forces (Factored)

Structure: CT46144-A-SBA Code: EIA/TIA-222-G 8/10/2021

Site Name: Cammilletti Property Exposure: Height: 148.34 (ft) Crest Height: 0.00

Base Elev: 0.000 (ft) Site Class: D - Stiff Soil

Gh: 1.1 Topography: 1 Struct Class: II Page: 16



Load Case: 0.9D + 1.6W 89 mph Wind

**Dead Load Factor** 0.90 Wind Load Factor 1.60



**Iterations** 

25

Top Elev (ft)	Description	Wind Exposed	Length (ft)	Ca	Exposed Width (in)	Area (sqft)	CaAa (sqft)	Ra	Cf Adjust Factor	qz (psf)	F X (lb)	Dead Load (Ib)
50.00	1.5" Reinforcing plate	Yes	2.80	0.000	1.50	0.35	0.00	0.039	0.000	15.617	0.00	0.00
52.51	1.5" Reinforcing plate	Yes	2.51	0.000	1.50	0.31	0.00	0.040	0.000	15.837	0.00	0.00
55.00	1.5" Reinforcing plate	Yes	2.49	0.000	1.50	0.31	0.00	0.040	0.000	16.048	0.00	0.00
57.50	1.5" Reinforcing plate	Yes	2.50	0.000	1.50	0.31	0.00	0.040	0.000	16.253	0.00	0.00
95.83	1.5" Reinforcing plate	Yes	0.03	0.000	1.50	0.00	0.00	0.052	0.000	18.807	0.00	0.00
99.92	1.5" Reinforcing plate	Yes	4.09	0.000	1.50	0.51	0.00	0.052	0.000	19.033	0.00	0.00
100.00	1.5" Reinforcing plate	Yes	0.08	0.000	1.50	0.01	0.00	0.053	0.000	19.037	0.00	0.00
105.00	1.5" Reinforcing plate	Yes	5.00	0.000	1.50	0.63	0.00	0.054	0.000	19.304	0.00	0.00
105.30	1.5" Reinforcing plate	Yes	0.30	0.000	1.50	0.04	0.00	0.055	0.000	19.320	0.00	0.00
									To	tale:		0.0

Totals: 0.0 0.0

#### **Calculated Forces**

**Structure:** CT46144-A-SBA **Code:** EIA/TIA-222-G 8/10/2021

Site Name:Cammilletti PropertyExposure:BHeight:148.34 (ft)Crest Height:0.00

Base Elev: 0.000 (ft) Site Class: D - Stiff Soil

Gh: 1.1 Topography: 1 Struct Class: II



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Iterations 25

Load Case: 0.9D + 1.6W 89 mph Wind

Dead Load Factor 0.90 Wind Load Factor 1.60

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (-) (ft-kips)	Mu MZ (ft-kips)	Mu MX (ft-kips)	Resultant Moment (ft-kips)	phi Pn (kips)	phi Vn (kips)	phi Tn (ft-kips)	phi Mn (ft-kips)	Total Deflect (in)	Rotation Sway (deg)	Rotation Twist (deg)	Stress Ratio
0.00	-26.45	-18.31	0.00	-2056.0	0.00	2056.07	3903.36	1951.68	7638.46	3824.91	0.00	0.000	0.000	0.544
5.00	-25.42	-18.08	0.00	-1964.5	0.00	1964.50	3846.55	1923,28	7360.85	3685.90	0.09	-0.176	0.000	0.540
10.00	-24.42	-17.85	0.00	-1874.1	0.00	1874.10	3788.45	1894.23	7085.75	3548.14	0.37	-0.356	0.000	0.535
15.00	-23.43	-17.62	0.00	-1784.8	0.00	1784.85	3729.06	1864.53	6813.30	3411.72	0.85	-0.539	0.000	0.530
20.00	-22.46	-17.40	0.00	-1696.7	0.00	1696.74	3668.37	1834.19	6543.69	3276.71	1.51	-0.726	0.000	0.524
25.00	-21.52	-17.17	0.00	-1609.7	0.00	1609.75	3606.39	1803.19	6277.08	3143.21	2.37	-0.917	0.000	0.518
30.00	-20.59	-16.95	0.00	-1523.8	0.00	1523.88	3543.11	1771.56	6013.64	3011.29	3.44	-1.111	0.000	0.512
35.00	-19.68	-16.72	0.00	-1439.1	0.00	1439.12	3478.55	1739.27	5753.54	2881.05	4.71	-1.309	0.000	0.505
40.00	-18.79	-16.48	0.00	-1355.5	0.00	1355.50	3412.68	1706.34	5496.94	2752.56	6.18	-1.511	0.000	0.498
45.00	-17.94	-16.22	0.00	-1273.0	0.00	1273.08	3345.53	1672.76	5244.01	2625.90	7.88	-1.716	0.000	0.490
47.18	-17.58	-16.10	0.00	-1237.8	0.00	1237.80	3315.91	1657.95	5135.17	2571.40	8.68	-1.809	0.000	0.487
47.20	-17.57	-16.11	0.00	-1237.4	0.00	1237.40	3315.57	1657.78	5133.93	2570.78	8.69	-1.810	0.000	0.290
50.00	-16.78	-15.94	0.00	-1192.2	0.00	1192.29	3277.08	1638.54	4994.93	2501.18	9.77	-1.881	0.000	0.285
52.51	-16.09	-15.79	0.00	-1152.2	0.00	1152.28	2602.21	1301.11	3990.47	1998.20	10.78	-1.945	0.000	0.301
55.00	-15.74	-15.65	0.00	-1112.9	0.00	1112.95	2577.30	1288.65	3896.73	1951.26	11.81	-2.009	0.000	0.318
57.50	-15.40	-15.52	0.00	-1073.8	0.00	1073.82	2551.96	1275.98	3803.21	1904.43	12.88	-2.077	0.000	0.313
57.50	-15.40	-15.52	0.00	-1073.8	0.00	1073.82	2551.96	1275.98	3803.21	1904.43	12.88	-2.077	0.000	0.313
60.00	-15.03	-15.40	0.00	-1035.0	0.00	1035.03	2526.30	1263.15	3710.31	1857.91	13.99	-2.146	0.000	0.563
65.00	-14.33	-15.15	0.00	-958.03	0.00	958.03	2474.01	1237.00	3526.46	1765.85	16.37	-2.393	0.000	0.548
70.00	-13.65	-14.89	0.00	-882.29	0.00	882.29	2420.42	1210.21	3345.35	1675.16	19.01	-2.642	0.000	0.532
75.00	-12.98	-14.64	0.00	-807.83	0.00	807.83	2365.54	1182.77	3167.14	1585.93	21.91	-2.893	0.000	0.515
80.00	-12.33	-14.38	0.00	-734.65	0.00	734.65	2309.37	1154.68	2992.01	1498.23	25.07	-3.145	0.000	0.496
85.00	-11.71	-14.12	0.00	-662.75	0.00	662.75	2251.13	1125.57	2819.16	1411.68	28.50	-3.397	0.000	0.475
90.00	-11.10	-13.86	0.00	-592.15	0.00	592.15	2174.14	1087.07	2628.67	1316.29	32.19	-3.647	0.000	0.455
95.00	-10.53	-13.59	0.00	-522.82	0.00	522.82	2097.14	1048.57	2444.84	1224.23	36.14	-3.893	0.000	0.432
95.80	-10.44	-13.54	0.00	-511.95	0.00	511.95	2084.82	1042.41	2416.04	1209.82	36.79	-3.934	0.000	0.236
95.83	-10.43	-13.55	0.00	-511.58	0.00	511.58	2084.39	1042.20	2415.05	1209.32	36.82	-3.934	0.000	0.236
99.92	-9.78	-13.30	0.00	-456.18	0.00	456.18	1076.50	538.25	1236.95	619.40	40.23	-4.044	0.000	0.254
100.00	-9.76	-13.31	0.00	-455.05	0.00	455.05	1076.11	538.05	1235.71	618.78	40.30	-4.046	0.000	0.315
105.00	-9.40	-13.04	0.00	-388.49	0.00	388.49	1052.46	526.23	1163.02	582.37	44.62	-4.201	0.000	0.279
105.30	-9.36	-13.04	0.00	-384.58	0.00	384.58	1051.00	525.50	1158.68	580.20	44.88	-4.210	0.000	0.277
105.30	-9.36	-13.04	0.00	-384.58	0.00	384.58	1051.00	525.50	1158.68	580.20	44.88	-4.210	0.000	0.277
110.00	-9.00	-12.81	0.00	-323.30	0.00	323.30	1027.52	513.76	1090.99	546.31	49.09	-4.345	0.000	0.601
115.00	-8.61	-12.59	0.00	-259.23	0.00	259.23	1001.28	500.64	1019.81	510.66	53.82	-4.665	0.000	0.517
120.00	-8.24	-12.36	0.00	-196.28	0.00	196.28	973.75	486.88	949.64	475.53	58.85	-4.948	0.000	0.422
125.00	-7.91	-12.13	0.00	-134.47	0.00	134.47	944.93	472.47	880.64	440.98	64.16	-5.182	0.000	0.314
127.00	-5.33	-8.00	0.00	-110.22	0.00	110.22	933.04	466.52	853.41	427.34	66.35	-5.261	0.000	0.264
130.00	-5.16	-7.87	0.00	-86.21	0.00	86.21	914.81	457.41	812.99	407.10	69.68	-5.362	0.000	0.218
135.00	-4.90	-7.64	0.00	-46.87	0.00	46.87	883.40	441.70	746.85	373.98	75.36	-5.486	0.000	0.131
137.00	-2.81	-3.97	0.00	-31.60	0.00	31.60	870.48	435.24	720.86	360.97	77.67	-5.520	0.000	0.091
140.00	-2.71	-3.84	0.00	-19.67	0.00	19.67	850.70	425.35	682.40	341.71	81.14	-5.555	0.000	0.061
145.00	-0.10	-0.14	0.00	-0.46	0.00	0.46	816.70	408.35	619.79	310.35	86.97	-5.581	0.000	0.002
148.34	0.00	-0.13	0.00	0.00	0.00	0.00	787.55	393.77	574.90	287.88	90.87	-5.581	0.000	0.000

### Wind Loading - Shaft

**Structure:** CT46144-A-SBA **Code:** EIA/TIA-222-G 8/10/2021

Site Name:Cammilletti PropertyExposure:BHeight:148.34 (ft)Crest Height:0.00

Base Elev: 0.000 (ft) Site Class: D - Stiff Soil

Gh: 1.1 Topography: 1 Struct Class: II



Load Case: 1.2D + 1.0Di + 1.0Wi 40 mph Wind

Dead Load Factor 1.20 Wind Load Factor 1.00



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Iterations

25

Elev (ft)	Description	Kzt	Kz	qz (psf)	qzGh (psf)	C (mph-ft)	Cf	Ice Thick (in)	Tributary (ft)	Aa (sf)	CfAa (sf)	Wind Force X (lb)	Dead Load Ice (Ib)	Tot Dead Load (lb)
0.00		1.00	0.70	2.724	3.00	0.00	1.200	0.000	0.00	0.000	0.00	0.0	0.0	0.0
5.00		1.00	0.70	2.724	3.00	0.00	1.200	1.242	5.00	21.123	25.35	75.9	375.0	1519.6
10.00		1.00	0.70	2.724	3.00	0.00	1.200	1.331	5.00	20.755	24.91	74.6	393.9	1513.1
15.00		1.00	0.70	2.724	3.00	0.00	1.200	1.386	5.00	20.359	24.43	73.2	401.6	1495.4
20.00		1.00	0.70	2.724	3.00	0.00	1.200	1.427	5.00	19.950	23.94	71.7	404.4	1472.8
25.00		1.00	0.70	2.724	3.00	0.00	1.200	1.459	5.00	19.535	23.44	70.2	404.2	1447.2
30.00		1.00	0.70	2.726	3.00	0.00	1.200	1.486	5.00	19.115	22.94	68.8	402.2	1419.8
35.00		1.00	0.73	2.849	3.13	0.00	1.200	1.509	5.00	18.692	22.43	70.3	398.8	1391.0
40.00		1.00	0.76	2.960	3.26	0.00	1.200	1.529	5.00	18.267	21.92	71.4	394.3	1361.1
45.00		1.00	0.79	3.061	3.37	0.00	1.200	1.547	5.00	17.840	21.41	72.1	389.0	1330.5
47.18 Bot -	Section 2	1.00	0.80	3.103	3.41	0.00	1.200	1.555	2.18	7.626	9.15	31.2	168.1	569.8
47.20 RB1		1.00	0.80	3.103	3.41	0.00	1.200	1.555	0.02	0.088	0.11	0.4	1.9	10.4
50.00		1.00	0.81	3.155	3.47	0.00	1.200	1.564	2.80	9.844	11.81	41.0	217.9	1160.5
52.51 Top -	Section 1	1.00	0.82	3.199	3.52	0.00	1.200	1.571	2.51	8.710	10.45	36.8	193.8	1026.3
55.00		1.00	0.83	3.242	3.57	0.00	1.200	1.579	2.49	8.534	10.24	36.5	190.6	564.5
57.50 RT1		1.00	0.84	3.283	3.61	0.00	1.200	1.586	2.50	8.460	10.15	36.7	189.6	559.8
60.00		1.00	0.85	3.323	3.66	0.00	1.200	1.592	2.50	8.353	10.02	36.6	187.9	552.7
65.00		1.00	0.87	3.400	3.74	0.00	1.200	1.605	5.00	16.385	19.66	73.5	368.4	1082.2
70.00		1.00	0.89	3.473	3.82	0.00	1.200	1.617	5.00	15.952	19.14	73.1	360.7	1053.3
75.00		1.00	0.91	3.542	3.90	0.00	1.200	1.628	5.00	15.520	18.62	72.6	352.6	1024.1
80.00		1.00	0.93	3.608	3.97	0.00	1.200	1.639	5.00	15.086	18.10	71.8	344.3	994.6
85.00		1.00	0.94	3.671	4.04	0.00	1.200	1.649	5.00	14.653	17.58	71.0	335.7	964.9
90.00		1.00	0.96	3.731	4.10	0.00	1.200	1.658		14.218	17.06	70.0	326.8	934.9
95.00		1.00	0.97	3.789	4.17	0.00	1.200	1.667	5.00	13.784	16.54	68.9	317.8	904.7
95.80 RB2		1.00	0.98	3.799	4.18	0.00	1.200	1.669	0.80	2.165	2.60	10.9	50.6	142.5
95.83 Bot -	Section 3	1.00	0.98	3.799	4.18	0.00	1.200	1.669	0.03	0.075	0.09	0.4	1.7	4.9
99.92 Top -	Section 2	1.00	0.99	3.844	4.23	0.00	1.200	1.676	4.09	11.015	13.22	55.9	255.6	998.4
00.00		1.00	0.99	3.845	4.23	0.00	1.200	1.676	0.08	0.225	0.27	1.1	5.3	11.1
05.00		1.00	1.00	3.899	4.29	0.00	1.200	1.684	5.00	13.072	15.69	67.3	303.0	635.9
05.30 RT2		1.00	1.00	3.903	4.29	0.00	1.200	1.685	0.30	0.770	0.92	4.0	18.1	37.7
10.00		1.00	1.02	3.952	4.35	0.00	1.200	1.692	4.70	11.866	14.24	61.9	275.9	576.4
15.00		1.00	1.03	4.002	4.40	0.00	1.200	1.699	5.00	12.201	14.64	64.5	283.7	591.1
20.00		1.00	1.04	4.051	4.46	0.00	1.200	1.707		11.765	14.12	62.9	273.8	568.6
25.00		1.00	1.05	4.099	4.51	0.00	1.200	1.714		11.328	13.59	61.3	263.8	545.8
27.00 Appui	rtenance(s)	1.00	1.06	4.117	4.53	0.00	1.200	1.716	2.00	4.409	5.29	24.0	103.9	213.2
30.00	. ,	1.00	1.07	4.145	4.56	0.00	1.200	1.720	3.00	6.482	7.78	35.5	152.2	312.3
35.00		1.00	1.08	4.190	4.61	0.00	1.200	1.727		10.455	12.55	57.8	243.4	500.0
37.00 Appui	rtenance(s)	1.00	1.08	4.207	4.63	0.00	1.200	1.729	2.00	4.059	4.87	22.5	95.7	194.8
40.00	` '	1.00	1.09	4.233	4.66	0.00	1.200	1.733	3.00	5.958	7.15	33.3	139.8	284.6
45.00 Appui	rtenance(s)	1.00	1.10	4.276	4.70	0.00	1.200	1.739	5.00	9.581	11.50	54.1	222.5	453.7
48.34	. ,	1.00	1.11	4.304	4.73	0.00	1.200	1.743	3.34	6.156	7.39	35.0	143.9	291.3
								Totals:	148.34			2,020.7		30,715.7

### **Discrete Appurtenance Forces**

**Structure:** CT46144-A-SBA **Code:** EIA/TIA-222-G 8/10/2021

Site Name:Cammilletti PropertyExposure:BHeight:148.34 (ft)Crest Height:0.00

Base Elev: 0.000 (ft) Site Class: D - Stiff Soil

Gh: 1.1 Topography: 1 Struct Class: II Page: 19



Load Case: 1.2D + 1.0Di + 1.0Wi 40 mph Wind

Dead Load Factor 1.20 Wind Load Factor 1.00



Iterations 25

No.	Elev (ft)	Description	Qty	qz (psf)	qzGh (psf)	Orient Factor x Ka	Ka	Total CaAa (sf)	Dead Load (lb)	Horiz Ecc (ft)	Vert Ecc (ft)	Wind FX (lb)	Mom Y (lb-ft)	Mom Z (lb-ft)
1	145.00	Ericsson 4415 B25	2	4.276	4.704	0.50	0.75	2.44	192.43	0.000	0.000	11.49	0.00	0.00
2	145.00	AIR32	2	4.276	4.704	0.65	0.75	10.03	684.55	0.000	0.000	47.18	0.00	0.00
3	145.00	APXVAALL24_43-U-NA20	2	4.276	4.704	0.55	0.75	24.24	1146.87	0.000	0.000	114.00	0.00	0.00
4	145.00	AIR6449 B41	2	4.276	4.704	0.53	0.75	7.03	457.11	0.000	0.000	33.05	0.00	0.00
5	145.00	RFS ACU-A20-N RET	4	4.276	4.704	0.50	0.75	0.88	17.76	0.000	0.000	4.12	0.00	0.00
6	145.00	HRK12 (Handrail Kit)	1	4.276	4.704	1.00	1.00	13.32	885.33	0.000	0.000	62.67	0.00	0.00
7	145.00	ALU 800 MHz RRH	4	4.276	4.704	0.50	0.75	7.30	464.84	0.000	0.000	34.32	0.00	0.00
8	145.00	Ericsson 4449 B71 + B85	2	4.276	4.704	0.50	0.75	2.55	184.73	0.000	0.000	11.99	0.00	0.00
9	145.00	ALU 800 MHz Filter	2	4.276	4.704	0.50	0.75	1.43	46.29	0.000	0.000	6.73	0.00	0.00
10	145.00	RMQP-472 (LPP)	1	4.276	4.704	1.00	1.00	54.64	2972.17	0.000	0.000	257.00	0.00	0.00
11	137.00	Low Profile Platform	1	4.207	4.628	1.00	1.00	39.50	2797.10	0.000	0.000	182.82	0.00	0.00
12	137.00	LGP 21401	6	4.207	4.628	0.80	0.80	10.17	207.57	0.000	0.000	47.05	0.00	0.00
13	137.00	RRUS 8843 B2 B66A	3	4.207	4.628	0.54	0.80	3.51	491.58	0.000	0.000	16.24	0.00	0.00
14	137.00	DC6-48-60-18-8F	2	4.207	4.628	0.80	0.80	2.17	163.45	0.000	0.000	10.03	0.00	0.00
15	137.00	RRUS 4449 B5/B12	3	4.207	4.628	0.54	0.80	4.04	373.50	0.000	0.000	18.70	0.00	0.00
16	137.00	DMP65R-BU6DA	3	4.207	4.628	0.58	0.80	24.47	959.60	0.000	0.000	113.25	0.00	0.00
17	137.00	HPA-65R-BU6AA	3	4.207	4.628	0.85	1.00	28.08	920.11	0.000	0.000	129.97	0.00	0.00
18	137.00	7770	3	4.207	4.628	0.58	0.80	11.48	527.04	0.000	0.000	53.15	0.00	0.00
19	127.00	Commscope	6	4.117	4.529	0.63	0.75	49.21	1916.79	0.000	0.000	222.86	0.00	0.00
20	127.00	Low Profile Platform	1	4.117	4.529	1.00	1.00	39.37	2787.31	0.000	0.000	178.30	0.00	0.00
21	127.00	Samsung MT6407-77A	3	4.117	4.529	0.52	0.75	8.85	637.32	0.000	0.000	40.09	0.00	0.00
22	127.00	Antel	3	4.117	4.529	0.65	0.75	15.84	329.68	0.000	0.000	71.75	0.00	0.00
23	127.00	RFS	1	4.117	4.529	1.00	1.00	4.87	121.85	0.000	0.000	22.05	0.00	0.00
24	127.00	Samsung B2/B66A	3	4.117	4.529	0.50	0.75	3.67	528.82	0.000	0.000	16.61	0.00	0.00
25	127.00	Samsung B5/B13	3	4.117	4.529	0.50	0.75	3.67	456.86	0.000	0.000	16.61	0.00	0.00
26	127.00	Mount mod	1	4.117	4.529	1.00	1.00	24.02	1730.72	0.000	0.000	108.80	0.00	0.00
		·			-		T-4-1-		22 224 27			4 000 05		·

Totals: 22,001.37 1,830.85

### **Total Applied Force Summary**

Site Name:Cammilletti PropertyExposure:BHeight:148.34 (ft)Crest Height:0.00

Base Elev: 0.000 (ft) Site Class: D - Stiff Soil

Gh: 1.1 Topography: 1 Struct Class: II Page: 20



**Load Case:** 1.2D + 1.0Di + 1.0Wi 40 mph Wind

Dead Load Factor 1.20 Wind Load Factor 1.00



Iterations 25

Elev	Parada Mara	Lateral FX (-)	Axial FY (-)	Torsion MY	Moment MZ
(ft)	Description	(lb)	(lb)	(lb-ft)	(lb-ft)
0.00		0.00	0.00	0.00	0.00
5.00		75.95	1668.16	0.00	0.00
10.00		74.62	1661.70	0.00	0.00
15.00		73.20	1644.00	0.00	0.00
20.00		71.73	1621.35	0.00	0.00
25.00		70.24	1595.82	0.00	0.00
30.00		68.79	1568.38	0.00	0.00
35.00		70.29	1539.57	0.00	0.00
40.00		71.37	1509.72	0.00	0.00
45.00		72.08	1479.04	0.00	0.00
47.18		31.23	634.41	0.00	0.00
47.20		0.36	11.11	0.00	0.00
50.00		40.99	1268.96	0.00	0.00
52.51		36.78	1123.67	0.00	0.00
55.00		36.51	661.24	0.00	0.00
57.50		36.66	657.04	0.00	0.00
60.00		36.64	627.02	0.00	0.00
65.00		73.54	1230.80	0.00	0.00
70.00		73.54	1201.92	0.00	0.00
75.00		72.56	1172.70	0.00	0.00
80.00		71.85	1143.20	0.00	0.00
85.00		71.00	1113.44	0.00	0.00
90.00		70.03	1083.44	0.00	0.00
95.00		68.95	1053.23	0.00	0.00
95.80		10.85	166.32	0.00	0.00
95.83		0.37	6.01	0.00	0.00
99.92		55.90	1160.20	0.00	0.00
100.00		1.14	14.41	0.00	0.00
105.00		67.28	834.05	0.00	0.00
105.30		3.97	49.61	0.00	0.00
110.00		61.89	716.07	0.00	0.00
115.00		64.45	739.72	0.00	0.00
120.00		62.91	717.14	0.00	0.00
125.00		61.29	694.41	0.00	0.00
127.00	(21) attachments	701.04	8781.93	0.00	0.00
130.00	. ,	35.46	374.99	0.00	0.00
135.00		57.82	604.54	0.00	0.00
137.00	(24) attachments	593.75	6676.56	0.00	0.00
140.00	· · /	33.29	294.93	0.00	0.00
145.00	(22) attachments	636.65	7522.97	0.00	0.00
148.34	,,	34.98	291.29	0.00	0.00
	Totals:	3,851.55	56,915.10	0.00	0.00
	iotais:	3,001.00	50,915.10	0.00	0.00

# Linear Appurtenance Segment Forces (Factored)

**Structure:** CT46144-A-SBA **Code:** EIA/TIA-222-G 8/10/2021

Site Name:Cammilletti PropertyExposure:BHeight:148.34 (ft)Crest Height:0.00

Base Elev: 0.000 (ft) Site Class: D - Stiff Soil

Gh: 1.1 Topography: 1 Struct Class: II Page: 21



Load Case: 1.2D + 1.0Di + 1.0Wi 40 mph Wind

Dead Load Factor 1.20 Wind Load Factor 1.00



Iterations 25

Top Elev (ft)	Description	Wind Exposed	Length (ft)	Са	Exposed Width (in)	Area (sqft)	CaAa (sqft)	Ra	Cf Adjust Factor	qz (psf)	F X (lb)	Dead Load (lb)
50.00	1.5" Reinforcing plate	Yes	2.80	0.000	1.50	1.08	0.00	0.039	0.000	3.155	0.00	25.26
52.51	1.5" Reinforcing plate	Yes	2.51	0.000	1.50	0.97	0.00	0.040	0.000	3.199	0.00	22.79
55.00	1.5" Reinforcing plate	Yes	2.49	0.000	1.50	0.97	0.00	0.040	0.000	3.242	0.00	22.74
57.50	1.5" Reinforcing plate	Yes	2.50	0.000	1.50	0.97	0.00	0.040	0.000	3.283	0.00	22.96
95.83	1.5" Reinforcing plate	Yes	0.03	0.000	1.50	0.01	0.00	0.052	0.000	3.799	0.00	0.27
99.92	1.5" Reinforcing plate	Yes	4.09	0.000	1.50	1.65	0.00	0.052	0.000	3.844	0.00	40.30
100.00	1.5" Reinforcing plate	Yes	0.08	0.000	1.50	0.03	0.00	0.053	0.000	3.845	0.00	0.84
105.00	1.5" Reinforcing plate	Yes	5.00	0.000	1.50	2.03	0.00	0.054	0.000	3.899	0.00	49.61
105.30	1.5" Reinforcing plate	Yes	0.30	0.000	1.50	0.12	0.00	0.055	0.000	3.903	0.00	2.98
									To	tals:	0.0	187.8

#### **Calculated Forces**

**Structure:** CT46144-A-SBA **Code:** EIA/TIA-222-G 8/10/2021

Site Name:Cammilletti PropertyExposure:BHeight:148.34 (ft)Crest Height:0.00

Base Elev: 0.000 (ft) Site Class: D - Stiff Soil

Gh: 1.1 Topography: 1 Struct Class: II



Iterations 25

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**Load Case:** 1.2D + 1.0Di + 1.0Wi 40 mph Wind

Dead Load Factor 1.20 Wind Load Factor 1.00

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (-) (ft-kips)	Mu MZ (ft-kips)	Mu MX (ft-kips)	Resultant Moment (ft-kips)	phi Pn (kips)	phi Vn (kips)	phi Tn (ft-kips)	phi Mn (ft-kips)	Total Deflect (in)	Rotation Sway (deg)	Rotation Twist (deg)	Stress Ratio
0.00	-56.91	-3.87	0.00	-439.78	0.00	439.78	3903.36	1951.68	7638.46	3824.91	0.00	0.000	0.000	0.130
5.00	-55.24	-3.83	0.00	-420.43	0.00	420.43	3846.55	1923.28	7360.85	3685.90	0.02	-0.038	0.000	0.128
10.00	-53.58	-3.79	0.00	-401.28	0.00	401.28	3788.45	1894.23	7085.75	3548.14	0.08	-0.076	0.000	0.127
15.00	-51.93	-3.75	0.00	-382.32	0.00	382.32	3729.06	1864.53	6813.30	3411.72	0.18	-0.115	0.000	0.126
20.00	-50.31	-3.71	0.00	-363.57	0.00	363.57	3668.37	1834.19	6543.69	3276.71	0.32	-0.155	0.000	0.125
25.00	-48.71	-3.67	0.00	-345.02	0.00	345.02	3606.39	1803.19	6277.08	3143.21	0.51	-0.196	0.000	0.123
30.00	-47.14	-3.63	0.00	-326.67	0.00	326.67	3543.11	1771.56	6013.64	3011.29	0.74	-0.238	0.000	0.122
35.00	-45.60	-3.59	0.00	-308.52	0.00	308.52	3478.55	1739.27	5753.54	2881.05	1.01	-0.280	0.000	0.120
40.00	-44.09	-3.54	0.00	-290.58	0.00	290.58	3412.68	1706.34	5496.94	2752.56	1.32	-0.324	0.000	0.118
45.00	-42.61	-3.48	0.00	-272.88	0.00	272.88	3345.53	1672.76	5244.01	2625.90	1.69	-0.368	0.000	0.117
47.18	-41.97	-3.46	0.00	-265.30	0.00	265.30	3315.91	1657.95	5135.17	2571.40	1.86	-0.388	0.000	0.116
47.20	-41.96	-3.46	0.00	-265.21	0.00	265.21	3315.57	1657.78	5133.93	2570.78	1.86	-0.388	0.000	0.069
50.00	-40.69	-3.42	0.00	-255.52	0.00	255.52	3277.08	1638.54	4994.93	2501.18	2.09	-0.403	0.000	0.068
52.51	-39.57	-3.39	0.00	-246.93	0.00	246.93	2602.21	1301.11	3990.47	1998.20	2.31	-0.417	0.000	0.072
55.00	-38.90	-3.35	0.00	-238.50	0.00	238.50	2577.30	1288.65	3896.73	1951.26	2.53	-0.430	0.000	0.076
57.50	-38.25	-3.32	0.00	-230.12	0.00	230.12	2551.96	1275.98	3803.21	1904.43	2.76	-0.445	0.000	0.075
57.50	-38.25	-3.32	0.00	-230.12	0.00	230.12	2551.96	1275.98	3803.21	1904.43	2.76	-0.445	0.000	0.075
60.00	-37.62	-3.30	0.00	-221.81	0.00	221.81	2526.30	1263.15	3710.31	1857.91	3.00	-0.460	0.000	0.134
65.00	-36.38	-3.25	0.00	-205.29	0.00	205.29	2474.01	1237.00	3526.46	1765.85	3.51	-0.513	0.000	0.131
70.00	-35.18	-3.20	0.00	-189.03	0.00	189.03	2420.42	1210.21	3345.35	1675.16	4.07	-0.566	0.000	0.127
75.00	-34.01	-3.15	0.00	-173.02	0.00	173.02	2365.54	1182.77	3167.14	1585.93	4.69	-0.620	0.000	0.123
80.00	-32.86	-3.10	0.00	-157.27	0.00	157.27	2309.37	1154.68	2992.01	1498.23	5.37	-0.674	0.000	0.119
85.00	-31.74	-3.04	0.00	-141.80	0.00	141.80	2251.13	1125.57	2819.16	1411.68	6.11	-0.728	0.000	0.115
90.00	-30.66	-2.98	0.00	-126.59	0.00	126.59	2174.14	1087.07	2628.67	1316.29	6.90	-0.781	0.000	0.110
95.00	-29.61	-2.92	0.00	-111.67	0.00	111.67	2097.14	1048.57	2444.84	1224.23	7.74	-0.834	0.000	0.105
95.80	-29.44	-2.91	0.00	-109.34	0.00	109.34	2084.82	1042.41	2416.04	1209.82	7.88	-0.842	0.000	0.058
95.83	-29.43	-2.91	0.00	-109.26	0.00	109.26	2084.39	1042.20	2415.05	1209.32	7.89	-0.843	0.000	0.058
99.92	-28.27	-2.84	0.00	-97.36	0.00	97.36	1076.50	538.25	1236.95	619.40	8.62	-0.866	0.000	0.063
100.00	-28.26	-2.85	0.00	-97.12	0.00	97.12	1076.11	538.05	1235.71	618.78	8.64	-0.866	0.000	0.078
105.00	-27.42	-2.78	0.00	-82.87	0.00	82.87	1052.46	526.23	1163.02	582.37	9.56	-0.900	0.000	0.070
105.30	-27.37	-2.78	0.00	-82.03	0.00	82.03	1051.00	525.50	1158.68	580.20	9.62	-0.902	0.000	0.070
105.30	-27.37	-2.78	0.00	-82.03	0.00	82.03	1051.00	525.50	1158.68	580.20	9.62	-0.902	0.000	0.070
110.00	-26.66	-2.73	0.00	-68.96	0.00	68.96	1027.52	513.76	1090.99	546.31	10.52	-0.930	0.000	0.152
115.00	-25.91	-2.68	0.00	-55.30	0.00	55.30	1001.28	500.64	1019.81	510.66	11.53	-0.998	0.000	0.134
120.00	-25.20	-2.63	0.00	-41.89	0.00	41.89	973.75	486.88	949.64	475.53	12.61	-1.059	0.000	0.114
125.00	-24.50	-2.57	0.00	-28.73	0.00	28.73	944.93	472.47	880.64	440.98	13.75	-1.109	0.000	0.091
127.00	-15.73	-1.70	0.00	-23.58	0.00	23.58	933.04	466.52	853.41	427.34	14.22	-1.126	0.000	0.072
130.00	-15.36	-1.67	0.00	-18.47	0.00	18.47	914.81	457.41	812.99	407.10	14.93	-1.147	0.000	0.062
135.00	-14.76	-1.60	0.00	-10.13	0.00	10.13	883.40	441.70	746.85	373.98	16.15	-1.174	0.000	0.044
137.00	-8.09	-0.87	0.00	-6.93	0.00	6.93	870.48	435.24	720.86	360.97	16.64	-1.181	0.000	0.028
140.00	-7.80	-0.83	0.00	-4.31	0.00	4.31	850.70	425.35	682.40	341.71	17.39	-1.189	0.000	0.022
145.00	-0.29	-0.04	0.00	-0.14	0.00	0.14	816.70	408.35	619.79	310.35	18.64	-1.195	0.000	0.001
148.34	0.00	-0.03	0.00	0.00	0.00	0.00	787.55	393.77	574.90	287.88	19.47	-1.195	0.000	0.000

#### **Seismic Segment Forces (Factored)**

Site Name:Cammilletti PropertyExposure:BHeight:148.34 (ft)Crest Height:0.00

Base Elev: 0.000 (ft) Site Class: D - Stiff Soil

Gh: 1.1 Topography: 1 Struct Class: II



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Load Case: 1.2D + 1.0E **Iterations** 23 **Gust Response Factor** 1.10 Sds 0.19 Ss 0.17 **Dead Load Factor** 1.20 Seismic Load Factor 1.00 Sd1 0.10 **S1** 0.07 Wind Load Factor 0.00 Structure Frequency (f1) 0.31 0.03 Seismic Importance Factor 1.00

Top Elev			Wz				Lateral Fs		
(ft)	Description		(lb)	а	b	С	(lb)		R: 1.50
0.00			0.00	0.00	0.00	0.00	0.00		
5.00			953.83	0.00	0.03	0.02	17.77		
10.00			932.67	0.01	0.05	0.03	24.97		
15.00			911.51	0.02	0.06	0.04	27.99		
20.00			890.35	0.03	0.07	0.04	29.13		
25.00			869.19	0.05	0.07	0.04	29.45		
30.00			848.03	0.08	0.07	0.04	29.49		
35.00			826.87	0.11	0.07	0.04	29.46		
40.00			805.71	0.14	0.07	0.03	29.37		
45.00			784.56	0.17	0.07	0.03	29.05		
47.18	Bot - Section 2		334.70	0.19	0.06	0.02	12.42		
47.20	RB1		7.02	0.19	0.06	0.02	0.26		
50.00			785.47	0.21	0.06	0.02	29.00		
52.51	Top - Section 1		693.78	0.24	0.06	0.02	25.27		
55.00			311.60	0.26	0.05	0.02	11.07		
57.50	RT1		308.45	0.28	0.05	0.01	10.51		
60.00			304.05	0.31	0.04	0.01	9.73		
65.00			594.87	0.36	0.03	0.01	15.22		
70.00			577.23	0.42	0.01	0.01	9.09		
75.00			559.60	0.48	-0.01	0.01	1.65		
80.00			541.97	0.55	-0.03	0.01	-6.01		
85.00			524.34	0.62	-0.06	0.02	-12.50		
90.00			506.70	0.70	-0.09	0.03	-16.73		
95.00			489.07	0.78	-0.11	0.05	-18.29		
95.80	RB2		76.62	0.79	-0.11	0.05	-2.88		
95.83	Bot - Section 3		2.64	0.79	-0.11	0.05	-0.10		
99.92	Top - Section 2		619.07	0.86	-0.12	0.07	-22.66		
100.00			4.80	0.86	-0.12	0.07	-0.18		
105.00			277.35	0.95	-0.12	0.11	-8.46		
105.30	RT2		16.30	0.95	-0.12	0.11	-0.49		
110.00			250.46	1.04	-0.10	0.15	-4.86		
115.00			256.19	1.14	-0.05	0.21	-0.86		
120.00			245.61	1.24	0.04	0.28	4.34		
125.00			235.03	1.34	0.18	0.37	10.28		
127.00	Appurtenance(s)		3202.9	1.39	0.26	0.42	177.95		
130.00			133.40	1.45	0.39	0.49	9.98		
135.00			213.87	1.57	0.68	0.62	23.77		
137.00	Appurtenance(s)		2664.9	1.61	0.82	0.69	338.86		
140.00	., , , , ,		120.70	1.68	1.06	0.79	18.44		
145.00	Appurtenance(s)		3271.9	1.81	1.57	0.99	653.80		
148.34			122.84	1.89	1.98	1.14	28.79		
		Totals:	26,076.4				1,543.1	Total Wind:	18,272.5

Seismic Base Shear is Less Than 50% of Wind Force - An Analysis is NOT Required

#### **Calculated Forces**

**Structure:** CT46144-A-SBA **Code:** EIA/TIA-222-G 8/10/2021

Site Name:Cammilletti PropertyExposure:BHeight:148.34 (ft)Crest Height:0.00

Base Elev: 0.000 (ft) Site Class: D - Stiff Soil

Gh: 1.1 Topography: 1 Struct Class: II



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<b>Load Case:</b> 1.2D + 1.0E					Y <sub>4</sub>	Iterations	23
<b>Gust Response Factor</b>	1.10		Sds	0.19	×	Ss	0.17
Dead Load Factor	1.20 Seismic Load Factor	1.00	Sd1	0.10	2	S1	0.07
Wind Load Factor	0.00 Structure Frequency (f1)	0.31	SA	0.03	Seismic Importa	ance Factor	1.00

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (-) (ft-kips)	Mu MZ (ft-kips)	Mu MX (ft-kips)	Resultant Moment (ft-kips)	phi Pn (kips)	phi Vn (kips)	phi Tn (ft-kips)	phi Mn (ft-kips)	Total Deflect (in)		Rotation Twist (deg)	Stress Ratio
0.00	-35.30	-1.64	0.00	-201.58	0.00	201.58	3903.36	1951.68	7638.46	3824.91		0.00	0.00	0.062
5.00	-34.01	-1.63	0.00	-193.38	0.00	193.38	3846.55	1923.28	7360.85	3685.90		0.01	-0.02	0.061
10.00	-32.74	-1.62	0.00	-185.21	0.00	185.21	3788.45	1894.23	7085.75	3548.14		0.04	-0.04	0.061
15.00	-31.50	-1.60	0.00	-177.12	0.00	177.12	3729.06	1864.53	6813.30	3411.72		80.0	-0.05	0.060
20.00	-30.28	-1.58	0.00	-169.12	0.00	169.12	3668.37	1834.19	6543.69	3276.71		0.15	-0.07	0.060
25.00	-29.09	-1.56	0.00	-161.23	0.00	161.23	3606.39	1803.19	6277.08	3143.21		0.23	-0.09	0.059
30.00	-27.92	-1.54	0.00	-153.44	0.00	153.44	3543.11	1771.56	6013.64	3011.29		0.34	-0.11	0.059
35.00	-26.78	-1.51	0.00	-145.76	0.00	145.76	3478.55	1739.27	5753.54	2881.05		0.47	-0.13	0.058
40.00	-25.66	-1.49	0.00	-138.19	0.00	138.19	3412.68	1706.34	5496.94	2752.56		0.61	-0.15	0.058
45.00	-24.57	-1.47	0.00	-130.74	0.00	130.74	3345.53	1672.76	5244.01	2625.90		0.78	-0.17	0.057
47.18	-24.11	-1.45	0.00	-127.55	0.00	127.55	3315.91	1657.95	5135.17	2571.40		0.86	-0.18	0.057
47.20	-24.10	-1.45	0.00	-127.52	0.00	127.52	3315.57	1657.78	5133.93	2570.78		0.86	-0.18	0.034
50.00	-23.07	-1.43	0.00	-123.44	0.00	123.44	3277.08	1638.54	4994.93	2501.18		0.97	-0.19	0.034
52.51	-22.16	-1.40	0.00	-119.87	0.00	119.87	2602.21	1301.11	3990.47	1998.20		1.07	-0.20	0.035
55.00	-21.72	-1.39	0.00	-116.38	0.00	116.38	2577.30	1288.65	3896.73	1951.26		1.18	-0.20	0.038
57.50	-21.27	-1.38	0.00	-112.91	0.00	112.91	2551.96	1275.98	3803.21	1904.43		1.29	-0.21	0.037
57.50	-21.27	-1.38	0.00	-112.91	0.00	112.91	2551.96	1275.98	3803.21	1904.43		1.29	-0.21	0.037
60.00	-20.83	-1.37	0.00	-109.46	0.00	109.46	2526.30	1263.15	3710.31	1857.91		1.40	-0.22	0.067
65.00	-19.97	-1.37	0.00	-102.59	0.00	102.59	2474.01	1237.00	3526.46	1765.85		1.64	-0.24	0.066
70.00	-19.13	-1.36	0.00	-95.76	0.00	95.76	2420.42	1210.21	3345.35	1675.16		1.91	-0.27	0.065
75.00	-18.31	-1.36	0.00	-88.95	0.00	88.95	2365.54	1182.77	3167.14	1585.93		2.20	-0.30	0.064
80.00	-17.51	-1.37	0.00	-82.13	0.00	82.13	2309.37	1154.68	2992.01	1498.23		2.53	-0.33	0.062
85.00	-16.73	-1.37	0.00	-75.29	0.00	75.29	2251.13	1125.57	2819.16	1411.68		2.89	-0.35	0.061
90.00	-15.97	-1.38	0.00	-68.42	0.00	68.42	2174.14	1087.07	2628.67	1316.29		3.27	-0.38	0.059
95.00	-15.24	-1.38	0.00	-61.54	0.00	61.54	2097.14	1048.57	2444.84	1224.23		3.69	-0.41	0.058
95.80	-15.12	-1.38	0.00	-60.44	0.00	60.44	2084.82	1042.41	2416.04	1209.82		3.76	-0.42	0.032
95.83	-15.12	-1.38	0.00	-60.41	0.00	60.41	2084.39	1042.20	2415.05	1209.32		3.76	-0.42	0.032
99.92	-14.25	-1.37	0.00	-54.78	0.00	54.78	1076.50	538.25	1236.95	619.40		4.12	-0.43	0.035
100.00	-14.24	-1.37	0.00	-54.66	0.00	54.66	1076.11	538.05	1235.71	618.78		4.13	-0.43	0.043
105.00	-13.76	-1.37	0.00	-47.79	0.00	47.79	1052.46	526.23	1163.02	582.37		4.59	-0.45	0.040
105.30	-13.73	-1.38	0.00	-47.38	0.00	47.38	1051.00	525.50	1158.68	580.20		4.61	-0.45	0.039
105.30	-13.73	-1.38	0.00	-47.38	0.00	47.38	1051.00	525.50	1158.68	580.20		4.61	-0.45	0.039
110.00	-13.29	-1.38	0.00	-40.91	0.00	40.91	1027.52	513.76	1090.99	546.31		5.06	-0.47	0.088
115.00	-12.83	-1.38	0.00	-34.02	0.00	34.02	1001.28	500.64	1019.81	510.66		5.58	-0.51	0.079
120.00	-12.39	-1.38	0.00	-27.10	0.00	27.10	973.75	486.88	949.64	475.53		6.13	-0.54	0.070
125.00	-11.96	-1.37	0.00	-20.19	0.00	20.19	944.93	472.47	880.64	440.98		6.72	-0.58	0.058
127.00	-8.06	-1.16	0.00	-17.44	0.00	17.44	933.04	466.52	853.41	427.34		6.96	-0.59	0.049
130.00	-7.84	-1.15	0.00	-13.97	0.00	13.97	914.81	457.41	812.99	407.10		7.34	-0.61	0.043
135.00	-7.47	-1.12	0.00	-8.23	0.00	8.23	883.40	441.70	746.85	373.98		7.98	-0.63	0.030
137.00	-4.24	-0.75	0.00	-5.99	0.00	5.99	870.48	435.24	720.86	360.97		8.25	-0.63	0.021
140.00	-4.08	-0.73	0.00	-3.74	0.00	3.74	850.70	425.35	682.40	341.71		8.65	-0.64	0.016
145.00	-0.15	-0.03	0.00	-0.10	0.00	0.10	816.70	408.35	619.79	310.35		9.32	-0.65	0.001
148.34	0.00	-0.03	0.00	0.00	0.00	0.00	787.55	393.77	574.90	287.88		9.77	-0.65	0.000

### **Seismic Segment Forces (Factored)**

Site Name:Cammilletti PropertyExposure:BHeight:148.34 (ft)Crest Height:0.00

Base Elev: 0.000 (ft) Site Class: D - Stiff Soil

Gh: 1.1 Topography: 1 Struct Class: II



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Load Case: 0.9D + 1.0E					Y	Iterations	23
Gust Response Factor	1.10		Sds	0.19	×	Ss	0.17
Dead Load Factor	0.90 Seismic Load Factor	1.00	Sd1	0.10	Z	<b>S1</b>	0.07
Wind Load Factor	0.00 Structure Frequency (f1)	0.31	SA	0.03	Seismic Importa	ance Factor	1.00

Тор			Wz				Lateral		
Elev (ft)	Description		(lb)	а	b	С	Fs (lb)		R: 1.50
0.00			0.00	0.00	0.00	0.00	0.00		
5.00			953.83	0.00	0.03	0.02	17.77		
10.00			932.67	0.01	0.05	0.03	24.97		
15.00			911.51	0.02	0.06	0.04	27.99		
20.00			890.35	0.03	0.07	0.04	29.13		
25.00			869.19	0.05	0.07	0.04	29.45		
30.00			848.03	0.08	0.07	0.04	29.49		
35.00			826.87	0.11	0.07	0.04	29.46		
40.00			805.71	0.14	0.07	0.03	29.37		
45.00			784.56	0.17	0.07	0.03	29.05		
47.18	Bot - Section 2		334.70	0.19	0.06	0.02	12.42		
47.20	RB1		7.02	0.19	0.06	0.02	0.26		
50.00			785.47	0.21	0.06	0.02	29.00		
52.51	Top - Section 1		693.78	0.24	0.06	0.02	25.27		
55.00			311.60	0.26	0.05	0.02	11.07		
57.50	RT1		308.45	0.28	0.05	0.01	10.51		
60.00			304.05	0.31	0.04	0.01	9.73		
65.00			594.87	0.36	0.03	0.01	15.22		
70.00			577.23	0.42	0.01	0.01	9.09		
75.00			559.60	0.48	-0.01	0.01	1.65		
80.00			541.97	0.55	-0.03	0.01	-6.01		
85.00			524.34	0.62	-0.06	0.02	-12.50		
90.00			506.70	0.70	-0.09	0.03	-16.73		
95.00			489.07	0.78	-0.11	0.05	-18.29		
95.80	RB2		76.62	0.79	-0.11	0.05	-2.88		
95.83	Bot - Section 3		2.64	0.79	-0.11	0.05	-0.10		
99.92	Top - Section 2		619.07	0.86	-0.12	0.07	-22.66		
100.00			4.80	0.86	-0.12	0.07	-0.18		
105.00			277.35	0.95	-0.12	0.11	-8.46		
105.30	RT2		16.30	0.95	-0.12	0.11	-0.49		
110.00			250.46	1.04	-0.10	0.15	-4.86		
115.00			256.19	1.14	-0.05	0.21	-0.86		
120.00			245.61	1.24	0.04	0.28	4.34		
125.00			235.03	1.34	0.18	0.37	10.28		
127.00	Appurtenance(s)		3202.9	1.39	0.26	0.42	177.95		
130.00			133.40	1.45	0.39	0.49	9.98		
135.00	A		213.87	1.57	0.68	0.62	23.77		
137.00	Appurtenance(s)		2664.9	1.61	0.82	0.69	338.86		
140.00	Appurtopopos(s)		120.70	1.68	1.06	0.79	18.44		
145.00	Appurtenance(s)		3271.9	1.81	1.57	0.99	653.80		
148.34			122.84	1.69	1.98	1.14	28.79		40.075.7
		Totals:	26,076.4				1,543.1	Total Wind:	18,272.5

Seismic Base Shear is Less Than 50% of Wind Force - An Analysis is NOT Required

#### **Calculated Forces**

8/10/2021 Structure: CT46144-A-SBA Code: EIA/TIA-222-G

Site Name: Cammilletti Property Exposure: В Height: 148.34 (ft) Crest Height: 0.00

Site Class: Base Elev: 0.000 (ft) D - Stiff Soil

Gh: 1.1 Struct Class: II Topography: 1



Load Case: 0.9D + 1.0E **Iterations** 23 0.17 **Gust Response Factor** 0.19 1.10 Sds Ss **Dead Load Factor** 0.10 **S1** 0.90 Seismic Load Factor 1.00 Sd1 0.07 Wind Load Factor 0.00 Structure Frequency (f1) 0.31 SA 0.03 Seismic Importance Factor 1.00

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (-) (ft-kips)	Mu MZ (ft-kips)	Mu MX (ft-kips)	Resultant Moment (ft-kips)	phi Pn (kips)	phi Vn (kips)	phi Tn (ft-kips)	phi Mn (ft-kips)	Total Deflect (in)	Rotation Sway (deg)	Rotation Twist (deg)	Stress Ratio
0.00	-26.48	-1.64	0.00	-198.61	0.00	198.61	3903.36	1951.68	7638.46	3824.91	,	0.00	0.00	0.059
5.00	-25.51	-1.63	0.00	-190.41	0.00	190.41	3846.55	1923.28	7360.85	3685.90		0.01	-0.02	0.058
10.00	-24.55	-1.61	0.00	-182.26	0.00	182.26	3788.45	1894.23	7085.75	3548.14		0.04	-0.03	0.058
15.00	-23.62	-1.59	0.00	-174.20	0.00	174.20	3729.06	1864.53	6813.30	3411.72		0.08	-0.05	0.057
20.00	-22.71	-1.57	0.00	-166.24	0.00	166.24	3668.37	1834.19	6543.69	3276.71		0.15	-0.07	0.057
25.00	-21.81	-1.54	0.00	-158.40	0.00	158.40	3606.39	1803.19	6277.08	3143.21		0.23	-0.09	0.056
30.00	-20.94	-1.52	0.00	-150.68	0.00	150.68	3543.11	1771.56	6013.64	3011.29		0.33	-0.11	0.056
35.00	-20.08	-1.50	0.00	-143.08	0.00	143.08	3478.55	1739.27	5753.54	2881.05		0.46	-0.13	0.055
40.00	-19.25	-1.47	0.00	-135.60	0.00	135.60	3412.68	1706.34	5496.94	2752.56		0.60	-0.15	0.055
45.00	-18.43	-1.45	0.00	-128.24	0.00	128.24	3345.53	1672.76	5244.01	2625.90		0.77	-0.17	0.054
47.18	-18.08	-1.43	0.00	-125.10	0.00	125.10	3315.91	1657.95	5135.17	2571.40		0.85	-0.18	0.054
47.20	-18.07	-1.43	0.00	-125.06	0.00	125.06	3315.57	1657.78	5133.93	2570.78		0.85	-0.18	0.032
50.00	-17.30	-1.40	0.00	-121.05	0.00	121.05	3277.08	1638.54	4994.93	2501.18		0.96	-0.19	0.032
52.51	-16.62	-1.38	0.00	-117.52	0.00	117.52	2602.21	1301.11	3990.47	1998.20		1.06	-0.19	0.034
55.00	-16.29	-1.37	0.00	-114.09	0.00	114.09	2577.30	1288.65	3896.73	1951.26		1.16	-0.20	0.036
57.50	-15.95	-1.36	0.00	-110.66	0.00	110.66	2551.96	1275.98	3803.21	1904.43		1.26	-0.21	0.035
57.50	-15.95	-1.36	0.00	-110.66	0.00	110.66	2551.96	1275.98	3803.21	1904.43		1.26	-0.21	0.035
60.00	-15.62	-1.35	0.00	-107.27	0.00	107.27	2526.30	1263.15	3710.31	1857.91		1.37	-0.21	0.064
65.00	-14.98	-1.34	0.00	-100.50	0.00	100.50	2474.01	1237.00	3526.46	1765.85		1.61	-0.24	0.063
70.00	-14.34	-1.34	0.00	-93.79	0.00	93.79	2420.42	1210.21	3345.35	1675.16		1.87	-0.26	0.062
75.00	-13.73	-1.34	0.00	-87.11	0.00	87.11	2365.54	1182.77	3167.14	1585.93		2.17	-0.29	0.061
80.00	-13.13	-1.34	0.00	-80.42	0.00	80.42	2309.37	1154.68	2992.01	1498.23		2.49	-0.32	0.059
85.00	-12.54	-1.34	0.00	-73.71	0.00	73.71	2251.13	1125.57	2819.16	1411.68		2.83	-0.35	0.058
90.00	-11.98	-1.35	0.00	-66.99	0.00	66.99	2174.14	1087.07	2628.67	1316.29		3.21	-0.37	0.056
95.00	-11.42	-1.35	0.00	-60.26	0.00	60.26	2097.14	1048.57	2444.84	1224.23		3.62	-0.40	0.055
95.80	-11.34	-1.35	0.00	-59.18	0.00	59.18	2084.82	1042.41	2416.04	1209.82		3.69	-0.41	0.030
95.83	-11.33	-1.35	0.00	-59.14	0.00	59.14	2084.39	1042.20	2415.05	1209.32		3.69	-0.41	0.030
99.92	-10.69	-1.34	0.00	-53.64	0.00	53.64	1076.50	538.25	1236.95	619.40		4.04	-0.42	0.033
100.00	-10.68	-1.35	0.00	-53.52	0.00	53.52	1076.11	538.05	1235.71	618.78		4.05	-0.42	0.041
105.00	-10.32	-1.34	0.00	-46.79	0.00	46.79	1052.46	526.23	1163.02	582.37		4.50	-0.44	0.037
105.30	-10.30	-1.35	0.00	-46.39	0.00	46.39	1051.00	525.50	1158.68	580.20		4.53	-0.44	0.037
105.30	-10.30	-1.35	0.00	-46.39	0.00	46.39	1051.00	525.50	1158.68	580.20		4.53	-0.44	0.037
110.00	-9.97	-1.35	0.00	-40.06	0.00	40.06	1027.52	513.76	1090.99	546.31		4.97	-0.46	0.083
115.00	-9.62	-1.35	0.00	-33.32	0.00	33.32	1001.28	500.64	1019.81	510.66		5.47	-0.50	0.075
120.00	-9.29	-1.35	0.00	-26.56	0.00	26.56	973.75	486.88	949.64	475.53		6.01	-0.53	0.065
125.00	-8.97	-1.34	0.00	-19.80	0.00	19.80	944.93	472.47	880.64	440.98		6.59	-0.57	0.054
127.00	-6.04	-1.14	0.00	-17.12	0.00	17.12	933.04	466.52	853.41	427.34		6.83	-0.58	0.047
130.00	-5.87	-1.13	0.00	-13.72	0.00	13.72	914.81	457.41	812.99	407.10		7.20	-0.59	0.040
135.00	-5.60	-1.10	0.00	-8.09	0.00	8.09	883.40	441.70	746.85	373.98		7.84	-0.62	0.028
137.00	-3.18	-0.74	0.00	-5.89	0.00	5.89	870.48	435.24	720.86	360.97		8.09	-0.62	0.020
140.00	-3.06	-0.72	0.00	-3.68	0.00	3.68	850.70	425.35	682.40	341.71		8.49	-0.63	0.014
145.00	-0.11	-0.03	0.00	-0.10	0.00	0.10	816.70	408.35	619.79	310.35		9.15	-0.63	0.000
148.34	0.00	-0.03	0.00	0.00	0.00	0.00	787.55	393.77	574.90	287.88		9.59	-0.63	0.000

### Wind Loading - Shaft

**Structure:** CT46144-A-SBA **Code:** EIA/TIA-222-G 8/10/2021

Site Name:Cammilletti PropertyExposure:BHeight:148.34 (ft)Crest Height:0.00

Base Elev: 0.000 (ft) Site Class: D - Stiff Soil

Gh: 1.1 Topography: 1 Struct Class: II



Load Case: 1.0D + 1.0W 60 mph Wind

Dead Load Factor 1.00 Wind Load Factor 1.00



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Iterations

s 24

Elev (ft)	Description	Kzt	Kz	qz (psf)	qzGh (psf)	C (mph-ft)	Cf	lce Thick (in)	Tributary (ft)	Aa (sf)	CfAa (sf)	Wind Force X (lb)	Dead Load Ice (Ib)	Tot Dead Load (lb)
0.00		1.00	0.70	6.129	6.74	203.90	0.650	0.000	0.00	0.000	0.00	0.0	0.0	0.0
5.00		1.00	0.70	6.129	6.74	199.46	0.650	0.000	5.00	20.087	13.06	88.0	0.0	953.8
10.00		1.00	0.70	6.129	6.74	195.02	0.650	0.000	5.00	19.645	12.77	86.1	0.0	932.7
15.00		1.00	0.70	6.129	6.74	190.58	0.650	0.000	5.00	19.203	12.48	84.1	0.0	911.5
20.00		1.00	0.70	6.129	6.74	186.14	0.650	0.000	5.00	18.761	12.19	82.2	0.0	890.4
25.00		1.00	0.70	6.129	6.74	181.70	0.650	0.000	5.00	18.319	11.91	80.3	0.0	869.2
30.00		1.00	0.70	6.134	6.75	177.34	0.650	0.000	5.00	17.877	11.62	78.4	0.0	848.0
35.00		1.00	0.73	6.410	7.05	176.75	0.650	0.000	5.00	17.435	11.33	79.9	0.0	826.9
40.00		1.00	0.76	6.659	7.33	175.53	0.650	0.000	5.00	16.993	11.05	80.9	0.0	805.7
45.00		1.00	0.79	6.887	7.58	173.80	0.650	0.000	5.00	16.551	10.76	81.5	0.0	784.6
47.18 Bot	t - Section 2	1.00	0.80	6.981	7.68	172.91	0.650	0.000	2.18	7.062	4.59	35.2	0.0	334.7
47.20 RE	31	1.00	0.80	6.982	7.68	172.90	0.650	0.000	0.02	0.081	0.05	0.4	0.0	7.0
50.00		1.00	0.81	7.098	7.81	171.66	0.650	0.000	2.80	9.114	5.92	46.3	0.0	785.5
52.51 Top	p - Section 1	1.00	0.82	7.198	7.92	170.45	0.650	0.000	2.51	8.053	5.23	41.4	0.0	693.8
55.00		1.00	0.83	7.294	8.02	172.07	0.650	0.000	2.49	7.878	5.12	41.1	0.0	311.6
57.50 RT	Γ1	1.00	0.84	7.387	8.13	170.73	0.650	0.000	2.50	7.800	5.07	41.2	0.0	308.5
60.00		1.00	0.85	7.477	8.22	169.32	0.650	0.000	2.50	7.689	5.00	41.1	0.0	304.0
65.00		1.00	0.87	7.650	8.42	166.30	0.650	0.000	5.00	15.047	9.78	82.3	0.0	594.9
70.00		1.00	0.89	7.814	8.60	163.06	0.650	0.000	5.00	14.605	9.49	81.6	0.0	577.2
75.00		1.00	0.91	7.969	8.77	159.62	0.650	0.000	5.00	14.163	9.21	80.7	0.0	559.6
80.00		1.00	0.93	8.118	8.93	155.99	0.650	0.000	5.00	13.721	8.92	79.6	0.0	542.0
85.00		1.00	0.94	8.260	9.09	152.19	0.650	0.000	5.00	13.278	8.63	78.4	0.0	524.3
90.00		1.00	0.96	8.396	9.24	148.24	0.650	0.000	5.00	12.836	8.34	77.1	0.0	506.7
95.00		1.00	0.97	8.526	9.38	144.16	0.650	0.000	5.00	12.394	8.06	75.6	0.0	489.1
95.80 RE	32	1.00	0.98	8.547	9.40	143.49	0.650	0.000	0.80	1.942	1.26	11.9	0.0	76.6
95.83 Bot	t - Section 3	1.00	0.98	8.547	9.40	143.47	0.650	0.000	0.03	0.067	0.04	0.4	0.0	2.6
99.92 Top	p - Section 2	1.00	0.99	8.650	9.52	140.02	0.650	0.000	4.09	9.874	6.42	61.1	0.0	619.1
00.00		1.00	0.99	8.652	9.52	141.84	0.650	0.000	0.08	0.202	0.13	1.2	0.0	4.8
05.00		1.00	1.00	8.774	9.65	137.52	0.650	0.000	5.00	11.669	7.58	73.2	0.0	277.3
05.30 RT	Γ2	1.00	1.00	8.781	9.66	137.25	0.650	0.000	0.30	0.686	0.45	4.3	0.0	16.3
10.00		1.00	1.02	8.891	9.78	133.09	0.650	0.000	4.70	10.541	6.85	67.0	0.0	250.5
15.00		1.00	1.03	9.005	9.91	128.56	0.650	0.000	5.00	10.785	7.01	69.4	0.0	256.2
20.00		1.00	1.04	9.115	10.03	123.93	0.650	0.000	5.00	10.343	6.72	67.4	0.0	245.6
25.00		1.00	1.05	9.222	10.14	119.21	0.650	0.000	5.00	9.900	6.44	65.3	0.0	235.0
27.00 App	purtenance(s)	1.00	1.06	9.264	10.19	117.29	0.650	0.000	2.00	3.836	2.49	25.4	0.0	91.0
30.00		1.00	1.07	9.326	10.26	114.40	0.650	0.000	3.00	5.622	3.65	37.5	0.0	133.4
35.00		1.00	1.08	9.427	10.37	109.52	0.650	0.000	5.00	9.016	5.86	60.8	0.0	213.9
37.00 App	purtenance(s)	1.00	1.08	9.466	10.41	107.54	0.650	0.000	2.00	3.483	2.26	23.6	0.0	82.6
40.00		1.00	1.09	9.525	10.48	104.55	0.650	0.000	3.00	5.091	3.31	34.7	0.0	120.7
45.00 App	purtenance(s)	1.00	1.10	9.621	10.58	99.52	0.650	0.000	5.00	8.132	5.29	55.9	0.0	192.7
48.34		1.00	1.11	9.684	10.65	96.11	0.650	0.000	3.34	5.186	3.37	35.9	0.0	122.8

Totals: 148.34 2,238.5 17,302.8

### **Discrete Appurtenance Forces**

**Structure:** CT46144-A-SBA **Code:** EIA/TIA-222-G 8/10/2021

Site Name:Cammilletti PropertyExposure:BHeight:148.34 (ft)Crest Height:0.00

Base Elev: 0.000 (ft) Site Class: D - Stiff Soil

Gh: 1.1 Topography: 1 Struct Class: II Page: 28



Load Case: 1.0D + 1.0W 60 mph Wind

Dead Load Factor 1.00 Wind Load Factor 1.00



Iterations 24

No.	Elev (ft)	Description	Qty	qz (psf)	qzGh (psf)	Orient Factor x Ka	Ka	Total CaAa (sf)	Dead Load (lb)	Horiz Ecc (ft)	Vert Ecc (ft)	Wind FX (lb)	Mom Y (lb-ft)	Mom Z (lb-ft)
1	145.00	Ericsson 4415 B25	2	9.621	10.583	0.50	0.75	1.87	92.00	0.000	0.000	19.78	0.00	0.00
2	145.00	AIR32	2	9.621	10.583	0.65	0.75	8.50	264.40	0.000	0.000	89.91	0.00	0.00
3	145.00	APXVAALL24_43-U-NA20	2	9.621	10.583	0.55	0.75	22.16	245.60	0.000	0.000	234.56	0.00	0.00
4	145.00	AIR6449 B41	2	9.621	10.583	0.53	0.75	6.02	206.00	0.000	0.000	63.68	0.00	0.00
5	145.00	RFS ACU-A20-N RET	4	9.621	10.583	0.50	0.75	0.28	4.16	0.000	0.000	2.98	0.00	0.00
6	145.00	HRK12 (Handrail Kit)	1	9.621	10.583	1.00	1.00	6.75	261.72	0.000	0.000	71.44	0.00	0.00
7	145.00	ALU 800 MHz RRH	4	9.621	10.583	0.50	0.75	5.00	212.00	0.000	0.000	52.97	0.00	0.00
8	145.00	Ericsson 4449 B71 + B85	2	9.621	10.583	0.50	0.75	1.98	150.00	0.000	0.000	20.95	0.00	0.00
9	145.00	ALU 800 MHz Filter	2	9.621	10.583	0.50	0.75	0.78	17.60	0.000	0.000	8.30	0.00	0.00
10	145.00	RMQP-472 (LPP)	1	9.621	10.583	1.00	1.00	33.60	1625.79	0.000	0.000	355.60	0.00	0.00
11	137.00	Low Profile Platform	1	9.466	10.413	1.00	1.00	22.00	1500.00	0.000	0.000	229.09	0.00	0.00
12	137.00	LGP 21401	6	9.466	10.413	0.80	0.80	6.19	84.60	0.000	0.000	64.48	0.00	0.00
13	137.00	RRUS 8843 B2 B66A	3	9.466	10.413	0.54	0.80	2.65	225.00	0.000	0.000	27.63	0.00	0.00
14	137.00	DC6-48-60-18-8F	2	9.466	10.413	0.80	0.80	1.47	63.60	0.000	0.000	15.33	0.00	0.00
15	137.00	RRUS 4449 B5/B12	3	9.466	10.413	0.54	0.80	3.17	213.00	0.000	0.000	32.99	0.00	0.00
16	137.00	DMP65R-BU6DA	3	9.466	10.413	0.58	0.80	21.96	238.20	0.000	0.000	228.70	0.00	0.00
17	137.00	HPA-65R-BU6AA	3	9.466	10.413	0.85	1.00	24.63	153.00	0.000	0.000	256.51	0.00	0.00
18	137.00	7770	3	9.466	10.413	0.58	0.80	9.64	105.00	0.000	0.000	100.34	0.00	0.00
19	127.00	Commscope	6	9.264	10.190	0.63	0.75	43.05	309.60	0.000	0.000	438.72	0.00	0.00
20	127.00	Low Profile Platform	1	9.264	10.190	1.00	1.00	22.00	1500.00	0.000	0.000	224.18	0.00	0.00
21	127.00	Samsung MT6407-77A	3	9.264	10.190	0.52	0.75	7.39	238.20	0.000	0.000	75.27	0.00	0.00
22	127.00	Antel	3	9.264	10.190	0.65	0.75	11.28	54.00	0.000	0.000	114.89	0.00	0.00
23	127.00	RFS	1	9.264	10.190	1.00	1.00	4.06	32.00	0.000	0.000	41.37	0.00	0.00
24	127.00	Samsung B2/B66A	3	9.264	10.190	0.50	0.75	2.82	253.20	0.000	0.000	28.73	0.00	0.00
25		Samsung B5/B13	3	9.264	10.190	0.50	0.75	2.82	210.90	0.000	0.000	28.73	0.00	0.00
26	127.00	Mount mod	1	9.264	10.190	1.00	1.00	12.25	514.00	0.000	0.000	124.83	0.00	0.00

Totals: 8,773.57 2,951.95

# **Total Applied Force Summary**

Site Name:Cammilletti PropertyExposure:BHeight:148.34 (ft)Crest Height:0.00

Base Elev: 0.000 (ft) Site Class: D - Stiff Soil

Gh: 1.1 Topography: 1 Struct Class: II Page: 29



Load Case: 1.0D + 1.0W 60 mph Wind

Dead Load Factor 1.00 Wind Load Factor 1.00



Iterations 24

Elev (ft)	Description	Lateral FX (-) (lb)	Axial FY (-) (lb)	Torsion MY (lb-ft)	Moment MZ (lb-ft)	
0.00		0.00	0.00	0.00	0.00	
5.00		88.02	1077.64	0.00	0.00	
10.00		86.09	1056.48	0.00	0.00	
15.00		84.15	1035.32	0.00	0.00	
20.00		82.21	1014.16	0.00	0.00	
25.00		80.27	993.00	0.00	0.00	
30.00		78.40	971.84	0.00	0.00	
35.00		79.91	950.68	0.00	0.00	
40.00		80.91	929.52	0.00	0.00	
45.00		81.50	908.37	0.00	0.00	
47.18		35.25	388.56	0.00	0.00	
47.20		0.41	7.64	0.00	0.00	
50.00		46.25	854.80	0.00	0.00	
52.51		41.44	755.93	0.00	0.00	
55.00		41.09	373.26	0.00	0.00	
57.50		41.19	370.36	0.00	0.00	
60.00		41.11	365.95	0.00	0.00	
65.00		82.30	718.68	0.00	0.00	
70.00		81.60	701.04	0.00	0.00	
75.00		80.70	683.41	0.00	0.00	
80.00		79.64	665.78	0.00	0.00	
85.00		78.42	648.15	0.00	0.00	
90.00		77.05	630.51	0.00	0.00	
95.00		75.56	612.88	0.00	0.00	
95.80		11.87	96.42	0.00	0.00	
95.83		0.41	3.33	0.00	0.00	
99.92		61.07	720.28	0.00	0.00	
00.00		1.25	6.90	0.00	0.00	
05.00		73.20	401.16	0.00	0.00	
05.30		4.31	23.73	0.00	0.00	
110.00		67.01	366.84	0.00	0.00	
115.00		69.43	380.00	0.00	0.00	
20.00		67.40	369.42	0.00	0.00	
25.00		65.28	358.84	0.00	0.00	
27.00	(21) attachments	1102.13	3252.47	0.00	0.00	
30.00	, ,	37.49	185.67	0.00	0.00	
35.00		60.77	300.98	0.00	0.00	
37.00	(24) attachments	978.63	2699.83	0.00	0.00	
40.00	, ,	34.68	129.29	0.00	0.00	
145.00	(22) attachments	976.11	3286.29	0.00	0.00	
148.34	, ,	35.91	122.84	0.00	0.00	
	Totals:	5,190.41	29,418.25	0.00	0.00	

# Linear Appurtenance Segment Forces (Factored)

Structure: CT46144-A-SBA Code: EIA/TIA-222-G 8/10/2021

Site Name: Cammilletti Property Exposure: Height: 148.34 (ft) Crest Height: 0.00

Base Elev: 0.000 (ft) Site Class: D - Stiff Soil

Gh: 1.1 Topography: 1 Struct Class: II Page: 30



Load Case: 1.0D + 1.0W 60 mph Wind

**Dead Load Factor** 1.00 Wind Load Factor 1.00



**Iterations** 

24

Top Elev (ft)	Description	Wind Exposed	Length (ft)	Ca	Exposed Width (in)	Area (sqft)	CaAa (sqft)	Ra	Cf Adjust Factor	qz (psf)	F X (lb)	Dead Load (lb)
50.00	1.5" Reinforcing plate	Yes	2.80	0.000	1.50	0.35	0.00	0.039	0.000	7.098	0.00	0.00
52.51	1.5" Reinforcing plate	Yes	2.51	0.000	1.50	0.31	0.00	0.040	0.000	7.198	0.00	0.00
55.00	1.5" Reinforcing plate	Yes	2.49	0.000	1.50	0.31	0.00	0.040	0.000	7.294	0.00	0.00
57.50	1.5" Reinforcing plate	Yes	2.50	0.000	1.50	0.31	0.00	0.040	0.000	7.387	0.00	0.00
95.83	1.5" Reinforcing plate	Yes	0.03	0.000	1.50	0.00	0.00	0.052	0.000	8.547	0.00	0.00
99.92	1.5" Reinforcing plate	Yes	4.09	0.000	1.50	0.51	0.00	0.052	0.000	8.650	0.00	0.00
100.00	1.5" Reinforcing plate	Yes	0.08	0.000	1.50	0.01	0.00	0.053	0.000	8.652	0.00	0.00
105.00	1.5" Reinforcing plate	Yes	5.00	0.000	1.50	0.63	0.00	0.054	0.000	8.774	0.00	0.00
105.30	1.5" Reinforcing plate	Yes	0.30	0.000	1.50	0.04	0.00	0.055	0.000	8.781	0.00	0.00
									To	tale:		0.0

Totals: 0.0 0.0

#### **Calculated Forces**

**Structure:** CT46144-A-SBA **Code:** EIA/TIA-222-G 8/10/2021

Site Name:Cammilletti PropertyExposure:BHeight:148.34 (ft)Crest Height:0.00

Base Elev: 0.000 (ft) Site Class: D - Stiff Soil

Gh: 1.1 Topography: 1 Struct Class: II Page: 31



Load Case: 1.0D + 1.0W 60 mph Wind

Dead Load Factor 1.00 Wind Load Factor 1.00



Iterations 24

0.00	Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (-) (ft-kips)	Mu MZ (ft-kips)	Mu MX (ft-kips)	Resultant Moment (ft-kips)	phi Pn (kips)	phi Vn (kips)	phi Tn (ft-kips)	phi Mn (ft-kips)	Total Deflect (in)	Rotation Sway (deg)	Rotation Twist (deg)	Stress Ratio
10.00	0.00	-29.42	-5.20	0.00	-587.41	0.00	587.41	3903.36	1951.68	7638.46	3824.91	0.00	0.000	0.000	0.161
15.00	5.00	-28.33	-5.14	0.00	-561.40	0.00	561.40	3846.55	1923,28	7360.85	3685.90	0.03	-0.050	0.000	0.160
20.00   -25.21   -4.89   0.00   -485.25   0.00   486.25   3668.37   1834.19   6643.69   3276.71   0.43   -0.208   0.00    -25.00   -24.22   -4.89   0.00   -466.49   0.00   460.49   3606.39   1803.19   6277.08   3143.21   0.68   -0.262   0.00    -25.24   -4.83   0.00   -441.88   0.00   411.88   3478.55   1739.27   5753.54   2881.05   1.35   0.374   0.00    -25.25   -4.77   0.00   -411.88   0.00   411.88   3478.55   1739.27   5753.54   2881.05   1.35   0.374   0.00    -25.25   -4.77   0.00   -384.68   0.00   364.53   3345.53   1672.76   5244.01   2625.90   2.25   -0.491   0.00    -27.35   -4.70   0.00   -364.53   0.00   364.46   3315.91   1657.96   5135.17   2571.00   2.48   -0.517   0.00    -20.04   -4.60   0.00   -354.35   0.00   364.46   3315.91   1657.96   5135.17   2571.00   2.48   -0.518   0.00    -20.04   -4.60   0.00   -354.35   0.00   341.48   3277.08   1638.54   494.93   2501.18   2.79   -0.538   0.00    -20.04   -4.60   0.00   -341.48   0.00   341.48   3277.08   1638.54   494.93   2501.18   2.79   -0.538   0.00    -20.05   -18.43   -4.51   0.00   -330.06   0.00   330.06   2602.21   1301.11   3990.47   1992.0   3.08   -0.556   0.00    -20.05   -17.68   -4.43   0.00   -307.67   0.00   307.67   2551.96   1275.98   3803.21   1904.3   3.68   -0.594   0.00    -20.05   -17.68   -4.43   0.00   -307.67   0.00   307.67   2551.96   1275.98   3803.21   1904.3   3.68   -0.594   0.00    -20.05   -17.68   -4.43   0.00   -274.60   0.00   274.60   2474.01   1237.00   3526.46   1765.85   4.68   0.685   0.00    -20.05   -17.68   -4.43   0.00   -225.96   0.00   225.96   2420.42   1210.21   3345.35   1675.16   5.44   0.06   0.06    -20.05   -16.59   -4.33   0.00   -274.60   0.00   2274.60   2474.01   1237.00   3526.46   1765.85   4.68   0.685   0.00    -20.05   -16.59   -4.33   0.00   -210.74   0.00   210.74   2309.37   1146.88   2992.01   1488.23   7.17   0.00   0.00    -20.05   -13.88   -4.00   -16.995   0.00   0.00   160.995   2174.14   1087.07   2256.50   1128.6   0.00   146.86   0.00   146.86   0.00   146.86   0.00	10.00	-27.27	-5.08	0.00	-535.70	0.00	535.70	3788.45	1894.23	7085.75	3548.14	0.11	-0.102	0.000	0.158
25.00   -24.22   -4.89   0.00   -460.49   0.00   460.49   3606.39   1803.19   6277.08   3143.21   0.68   -0.262   0.00   30.00   -23.24   -4.83   0.00   -436.03   0.00   436.03   3543.11   1771.56   6013.64   3011.29   0.98   -0.318   0.00   0.318   0.00   411.88   3478.55   1793.27   5755.54   2881.05   1.35   -0.374   0.00   45.00   -20.44   -4.63   0.00   388.04   0.00   388.04   3412.68   1706.34   5496.94   2752.56   1.77   -0.432   0.00   45.00   -20.44   -4.63   0.00   354.35   0.00   354.46   0.315.75   1657.75   572.76   524.01   2625.90   2.25   -0.491   0.00   47.20   -20.04   -4.60   0.00   -354.35   0.00   354.35   3315.57   1657.75   571.40   2.48   -0.517   0.00   -0.0	15.00	-26.23	-5.01	0.00	-510.32	0.00	510.32	3729.06	1864.53	6813.30	3411.72	0.24	-0.154	0.000	0.157
3000         -23.24         4.88         0.00         -436.03         3543.11         1771.56         6013.64         3011.29         0.98         -0.318         0.00           35.00         -22.29         -4.77         0.00         -411.88         0.00         388.04         0.00         388.04         0.00         386.04         1766.35         5753.54         2881.05         1.35         -0.374         0.00           45.00         -20.44         4.63         0.00         -364.63         0.00         345.45         1672.76         5244.01         262.59         2.25         -0.491         0.00           47.18         -20.04         -4.60         0.00         -354.45         0.00         354.46         3315.57         1657.78         5133.71         2571.40         2.48         -0.517         0.018           50.00         -19.19         -4.55         0.00         -344.48         0.00         341.48         3277.08         1638.54         4994.93         2501.18         2.79         -0.538         0.00           55.50         -18.06         -4.47         0.00         -330.60         2602.21         1301.11         3990.47         1992.20         3.08         -0.556         0.00 <td>20.00</td> <td>-25.21</td> <td>-4.95</td> <td>0.00</td> <td>-485.25</td> <td>0.00</td> <td>485.25</td> <td>3668.37</td> <td>1834.19</td> <td>6543.69</td> <td>3276.71</td> <td>0.43</td> <td>-0.208</td> <td>0.000</td> <td>0.155</td>	20.00	-25.21	-4.95	0.00	-485.25	0.00	485.25	3668.37	1834.19	6543.69	3276.71	0.43	-0.208	0.000	0.155
35.00         -22.29         -4.77         0.00         -411.88         0.00         411.88         3478.55         1739.27         5753.54         2881.05         1.35         -0.34         0.00           40.00         -21.35         -4.70         0.00         -388.04         0.00         386.43         3345.53         1672.76         5244.01         2625.90         2.25         -0.491         0.00           47.18         -20.05         -4.59         0.00         -354.46         0.00         354.46         3315.91         1657.95         5135.17         2571.40         2.48         -0.517         0.00           47.20         -20.04         -4.60         0.00         -354.35         0.00         331.55         1657.78         5133.93         2570.78         2.49         -0.518         0.00           50.00         -19.19         -4.55         0.00         -330.06         0.00         331.48         3277.08         1638.64         4994.93         2501.18         2.79         -0.538         0.00           55.00         -18.66         -4.47         0.00         -376.76         2551.96         1275.98         380.21         194.24         3.38         -0.575         0.00           <	25.00	-24.22	-4.89	0.00	-460.49	0.00	460.49	3606.39	1803.19	6277.08	3143.21	0.68	-0.262	0.000	0.153
40.00   -21.35   -4.70   0.00   -388.04   0.00   388.04   3412.68   1766.34   5496.94   2752.56   1.77   -0.432   0.00   4500   -20.44   -4.63   0.00   -364.53   0.00   364.53   3345.53   1672.76   5244.01   2625.90   2.25   -0.491   0.00   47.20   -20.04   -4.60   0.00   -354.35   0.00   354.35   3315.57   1657.78   5133.17   2571.40   2.48   -0.518   0.00   -20.04   -4.60   0.00   -341.48   0.00   341.48   3277.08   1638.54   4994.93   2501.18   2.79   -0.538   0.00   -52.51   -184.3   -4.51   0.00   -330.06   0.00   330.06   2602.21   1301.11   3990.47   1998.20   3.08   -0.556   0.00   55.00   -18.06   -4.47   0.00   -318.84   0.00   318.84   2577.30   1288.65   3896.73   1951.26   3.38   -0.575   0.00   57.50   -17.68   -4.43   0.00   -307.67   0.00   307.67   2551.96   1275.98   3803.21   1904.43   3.68   -0.594   0.00   65.00   -16.59   -4.33   0.00   -274.60   0.00   274.60   0.00   274.60   2470.01   1237.00   3526.66   1768.85   4.68   -0.685   0.00   0.00   252.96   0.00   252.96   0.00   252.96   2420.42   210.21   335.55   1675.16   5.44   -0.0756   0.00   0.00   0.14.58   -4.26   0.00   -250.96   0.00   231.68   2365.54   182.77   3167.14   1585.93   6.27   -0.828   0.00   0.00   0.00   0.14.58   -4.26   0.00   -274.60   0.00   274.60   2747.01   1237.00   3526.66   1768.85   4.68   -0.685   0.00   0.0	30.00	-23.24	-4.83	0.00	-436.03	0.00	436.03	3543.11	1771.56	6013.64	3011.29	0.98	-0.318	0.000	0.151
45.00   -20.44   -4.63   -4.63   -4.63   -4.65   -4.59   -4.55   -4.59   -4.55   -4.55   -4.59   -4.55   -4.	35.00	-22.29	-4.77	0.00	-411.88	0.00	411.88	3478.55	1739.27	5753.54	2881.05	1.35	-0.374	0.000	0.149
47.18         -20.05         -4.59         0.00         -354.46         0.00         354.46         3315.91         1657.95         5135.17         2571.40         2.48         -0.517         0.00           47.20         -20.04         -4.60         0.00         -354.35         0.00         354.35         3315.57         1657.78         5133.93         2570.78         2.49         -0.518         0.00           50.00         -19.19         -4.55         0.00         -341.48         0.00         341.48         3277.08         1638.54         4994.93         2501.18         2.79         -0.538         0.0           55.00         -18.66         -4.47         0.00         -318.84         0.00         318.84         2577.30         1288.65         3896.73         1951.26         3.38         -0.575         0.00           57.50         -17.68         -4.43         0.00         -307.67         0.00         307.67         2551.96         1275.98         3803.21         1904.43         3.68         -0.594         0.00           60.00         -17.32         -4.40         0.00         -229.69         0.00         2256.50         126.59         330.30         190.43         3.68         -0.594	40.00	-21.35	-4.70	0.00	-388.04	0.00	388.04	3412.68	1706.34	5496.94	2752.56	1.77	-0.432	0.000	0.147
47.20         -20.04         -4.60         0.00         -354.35         0.00         354.35         3315.57         1657.78         513.93         2570.78         2.49         -0.518         0.00           50.00         -19.19         -4.55         0.00         -341.48         0.00         330.06         0.00         330.06         260.221         131.11         3990.47         1998.20         3.08         -0.556         0.00           55.00         -18.06         -4.47         0.00         -338.84         0.00         307.67         0.00         307.67         2551.96         1275.98         3803.21         1904.43         3.68         -0.594         0.00           65.00         -17.68         -4.43         0.00         -307.67         0.00         307.67         2551.96         1275.98         3803.21         1904.43         3.68         -0.594         0.00           65.00         -17.32         -4.40         0.00         -2274.60         0.00         2274.60         2474.01         1237.00         3826.46         1765.96         4.68         -0.68         0.00           75.00         -15.29         -4.19         0.00         -2216.86         0.00         224.042         1210.21	45.00	-20.44	-4.63	0.00	-364.53	0.00	364.53	3345.53	1672.76	5244.01	2625.90	2.25	-0.491	0.000	0.145
50.00         -19.19         -4.55         0.00         -341.48         0.00         341.48         3277.08         1638.54         4994.93         2501.18         2.79         -0.538         0.00           52.51         -18.43         -4.51         0.00         -330.06         0.00         330.06         2602.21         1301.11         3990.47         1998.20         3.08         -0.566         0.00           55.00         -18.06         -4.47         0.00         -318.84         0.00         318.84         2577.30         1288.65         3896.73         1951.26         3.38         -0.575         0.00           57.50         -17.68         -4.43         0.00         -307.67         0.00         307.67         2561.96         1275.98         3803.21         1904.43         3.68         -0.594         0.00           60.00         -16.59         -4.40         0.00         -296.59         0.00         226.59         2526.30         1263.15         3710.31         1857.91         4.00         -0.614         0.00           70.00         -16.59         -4.26         0.00         -224.60         2420.42         120.21         334.535         1675.16         5.44         -0.766         0.00	47.18	-20.05	-4.59	0.00	-354.46	0.00	354.46	3315.91	1657.95	5135.17	2571.40	2.48	-0.517	0.000	0.144
52.51         -18.43         -4.51         0.00         -330.06         0.00         330.06         2602.21         1301.11         3990.47         1998.20         3.08         -0.556         0.00           55.00         -18.66         -4.47         0.00         -318.84         0.00         307.67         0.00         307.67         0.00         307.67         2551.96         1275.98         3803.21         1904.43         3.68         -0.594         0.00           67.50         -17.68         -4.43         0.00         -307.67         0.00         307.67         2551.96         1275.98         3803.21         1904.43         3.68         -0.594         0.00           60.00         -17.32         -4.40         0.00         -296.59         0.00         296.59         2526.30         1263.15         3710.31         1857.91         4.00         -0.614         0.00           65.00         -16.59         -4.26         0.00         -252.96         0.00         252.96         2420.42         1210.21         3345.35         1675.16         5.44         -0.756         0.00           75.00         -15.29         -4.26         0.00         -217.74         0.00         217.74         2309.37	47.20	-20.04	-4.60	0.00	-354.35	0.00	354.35	3315.57	1657.78	5133.93	2570.78	2.49	-0.518	0.000	0.086
55.00         -18.06         -4.47         0.00         -318.84         0.00         318.84         2577.30         1288.65         3896.73         1951.26         3.38         -0.575         0.00           57.50         -17.68         -4.43         0.00         -307.67         0.00         307.67         2551.96         1275.98         3803.21         1904.43         3.68         -0.594         0.00           60.00         -17.32         -4.40         0.00         -296.59         0.00         296.59         2526.30         1263.15         3710.31         1857.91         4.00         -0.614         0.00           65.00         -16.59         -4.33         0.00         -274.60         0.00         252.96         2420.42         1210.21         3345.35         1675.16         5.44         -0.756         0.00           70.00         -15.20         -4.19         0.00         -231.68         0.00         231.68         2365.54         1182.77         3167.14         1898.23         7.17         -0.900         0.00           80.00         -13.88         -4.04         0.00         -190.17         0.00         190.17         2251.13         1125.68         299.20         1 41498.23         7.17 <td>50.00</td> <td>-19.19</td> <td>-4.55</td> <td>0.00</td> <td>-341.48</td> <td>0.00</td> <td>341.48</td> <td>3277.08</td> <td>1638.54</td> <td>4994.93</td> <td>2501.18</td> <td>2.79</td> <td>-0.538</td> <td>0.000</td> <td>0.084</td>	50.00	-19.19	-4.55	0.00	-341.48	0.00	341.48	3277.08	1638.54	4994.93	2501.18	2.79	-0.538	0.000	0.084
57.50         -17.68         -4.43         0.00         -307.67         0.00         307.67         2551.96         1275.98         3803.21         1904.43         3.68         -0.594         0.00           57.50         -17.68         -4.43         0.00         -307.67         0.00         307.67         2551.96         1275.98         3803.21         1904.43         3.68         -0.594         0.00           60.00         -17.32         -4.40         0.00         -296.59         0.00         296.59         2526.30         1263.15         3710.31         1857.91         4.00         -0.614         0.00           66.00         -16.59         -4.33         0.00         -274.60         0.00         2274.60         1275.96         2420.42         1210.21         3345.35         1675.16         5.44         -0.756         0.00           75.00         -15.29         -4.19         0.00         -231.68         0.00         231.68         2365.54         1182.77         3167.14         1585.93         6.27         -0.828         0.00           80.00         -13.24         -3.38         -4.04         0.00         -190.17         0.00         217.74         2309.37         1154.58         2992.11 <td>52.51</td> <td>-18.43</td> <td>-4.51</td> <td>0.00</td> <td>-330.06</td> <td>0.00</td> <td>330.06</td> <td>2602.21</td> <td>1301.11</td> <td>3990.47</td> <td>1998.20</td> <td>3.08</td> <td>-0.556</td> <td>0.000</td> <td>0.089</td>	52.51	-18.43	-4.51	0.00	-330.06	0.00	330.06	2602.21	1301.11	3990.47	1998.20	3.08	-0.556	0.000	0.089
57.50         -17.68         -4.43         0.00         -307.67         0.00         307.67         2551.96         1275.98         3803.21         1904.43         3.68         -0.594         0.00           60.00         -17.32         -4.40         0.00         -296.59         0.00         296.59         2526.30         1263.15         3710.31         1857.91         4.00         -0.614         0.00           70.00         -16.59         -4.26         0.00         -252.96         0.00         252.96         2420.42         1210.21         3345.35         1675.16         5.44         -0.756         0.00           75.00         -15.20         -4.19         0.00         -231.68         0.00         231.68         2365.54         1182.77         3167.14         1585.93         6.27         -0.828         0.00           85.00         -13.83         -4.04         0.00         -190.17         0.00         210.74         2309.37         1154.68         2992.01         1498.23         7.17         -0.900         0.00           85.00         -13.24         -3.97         0.00         -169.95         0.00         169.95         2174.14         1087.07         2628.67         1316.29         9.21	55.00	-18.06	-4.47	0.00	-318.84	0.00	318.84	2577.30	1288.65	3896.73	1951.26	3.38	-0.575	0.000	0.094
60.00         -17.32         -4.40         0.00         -296.59         0.00         296.59         2526.30         1263.15         3710.31         1857.91         4.00         -0.614         0.00           65.00         -16.59         -4.33         0.00         -274.60         0.00         274.60         2474.01         1237.00         3526.46         1765.85         4.68         -0.685         0.00           70.00         -15.89         -4.26         0.00         -252.96         0.00         2252.96         2420.42         1210.21         3345.35         1675.16         5.44         -0.756         0.00           75.00         -15.20         -4.19         0.00         -231.68         0.00         231.68         2365.54         1182.77         3167.14         1585.93         6.27         -0.828         0.00           85.00         -13.88         -4.04         0.00         -190.17         0.00         190.17         2251.13         1125.57         2819.16         1411.68         8.16         -0.973         0.00           95.00         -13.24         -3.97         0.00         150.09         2097.14         1087.57         2444.84         1224.23         10.34         -1.1127         0.00 <td>57.50</td> <td>-17.68</td> <td>-4.43</td> <td>0.00</td> <td>-307.67</td> <td>0.00</td> <td>307.67</td> <td>2551.96</td> <td>1275.98</td> <td>3803.21</td> <td>1904.43</td> <td>3.68</td> <td>-0.594</td> <td>0.000</td> <td>0.092</td>	57.50	-17.68	-4.43	0.00	-307.67	0.00	307.67	2551.96	1275.98	3803.21	1904.43	3.68	-0.594	0.000	0.092
65.00 -16.59	57.50	-17.68	-4.43	0.00	-307.67	0.00	307.67	2551.96	1275.98	3803.21	1904.43	3.68	-0.594	0.000	0.092
70.00         -15.89         -4.26         0.00         -252.96         0.00         252.96         2420.42         1210.21         3345.35         1675.16         5.44         -0.756         0.00           75.00         -15.20         -4.19         0.00         -231.68         0.00         231.68         2365.54         1182.77         3167.14         1585.93         6.27         -0.828         0.00           80.00         -14.53         -4.12         0.00         -210.74         0.00         210.74         2309.37         1154.68         2992.01         1498.23         7.17         -0.900         0.00           90.00         -13.88         -4.04         0.00         -169.95         0.00         169.95         2174.14         1087.07         2628.67         1316.29         9.21         -1.044         0.00           95.00         -12.63         -3.89         0.00         -150.09         0.00         150.09         2097.14         1048.57         2444.84         1224.23         10.34         -1.115         0.00           95.80         -12.53         -3.88         0.00         -146.87         0.00         146.86         2084.39         10422.0         2415.05         1209.32         10.54 <td>60.00</td> <td>-17.32</td> <td>-4.40</td> <td>0.00</td> <td>-296.59</td> <td>0.00</td> <td>296.59</td> <td>2526.30</td> <td>1263.15</td> <td>3710.31</td> <td>1857.91</td> <td>4.00</td> <td>-0.614</td> <td>0.000</td> <td>0.167</td>	60.00	-17.32	-4.40	0.00	-296.59	0.00	296.59	2526.30	1263.15	3710.31	1857.91	4.00	-0.614	0.000	0.167
75.00         -15.20         -4.19         0.00         -231.68         0.00         231.68         2365.54         1182.77         3167.14         1585.93         6.27         -0.828         0.00           80.00         -14.53         -4.12         0.00         -210.74         0.00         210.74         2309.37         1154.68         2992.01         1498.23         7.17         -0.900         0.00           85.00         -13.88         -4.04         0.00         -190.17         0.00         190.17         2251.13         1125.57         2819.16         1411.68         8.16         -0.973         0.00           95.00         -13.24         -3.97         0.00         -169.95         0.00         169.95         2174.14         1087.07         2628.67         1316.29         9.21         -1.044         0.00           95.80         -12.63         -3.88         0.00         -146.97         0.00         146.97         2097.14         1042.41         2416.04         1209.82         10.53         -1.127         0.00           95.83         -12.53         -3.88         0.00         -146.86         0.00         146.86         2084.39         1042.20         2416.05         1299.32         10.54 <td>65.00</td> <td>-16.59</td> <td>-4.33</td> <td>0.00</td> <td>-274.60</td> <td>0.00</td> <td>274.60</td> <td>2474.01</td> <td>1237.00</td> <td>3526.46</td> <td>1765.85</td> <td>4.68</td> <td>-0.685</td> <td>0.000</td> <td>0.162</td>	65.00	-16.59	-4.33	0.00	-274.60	0.00	274.60	2474.01	1237.00	3526.46	1765.85	4.68	-0.685	0.000	0.162
80.00         -14.53         -4.12         0.00         -210.74         0.00         210.74         2309.37         1154.68         2992.01         1498.23         7.17         -0.900         0.00           85.00         -13.88         -4.04         0.00         -190.17         0.00         190.17         2251.13         1125.57         2819.16         1411.68         8.16         -0.973         0.00           90.00         -13.24         -3.97         0.00         -169.95         0.00         169.95         2174.14         1087.07         2628.67         1316.29         9.21         -1.044         0.00           95.00         -12.63         -3.89         0.00         -150.09         0.00         150.09         2097.14         1048.57         2444.84         1224.23         10.34         -1.115         0.00           95.80         -12.53         -3.88         0.00         -146.86         0.00         146.87         2084.82         1042.41         2416.04         1209.82         10.53         -1.127         0.00           99.92         -11.81         -3.81         0.00         -130.66         0.00         130.66         1076.11         538.05         1235.71         618.78         11.54	70.00	-15.89	-4.26	0.00	-252.96	0.00	252.96	2420.42	1210.21	3345.35	1675.16	5.44	-0.756	0.000	0.158
85.00       -13.88       -4.04       0.00       -190.17       0.00       190.17       2251.13       1125.57       2819.16       1411.68       8.16       -0.973       0.00         90.00       -13.24       -3.97       0.00       -169.95       0.00       169.95       2174.14       1087.07       2628.67       1316.29       9.21       -1.044       0.00         95.00       -12.63       -3.89       0.00       -150.09       0.00       150.09       2097.14       1048.57       2444.84       1224.23       10.34       -1.115       0.00         95.80       -12.53       -3.88       0.00       -146.97       0.00       146.97       2084.82       1042.41       2416.04       1209.82       10.53       -1.127       0.00         95.83       -12.53       -3.88       0.00       -146.86       0.00       146.86       2084.39       1042.20       2415.05       1209.32       10.54       -1.127       0.00         99.92       -11.81       -3.81       0.00       -130.66       0.00       130.96       1076.11       538.25       1236.95       619.40       11.52       -1.158       0.00         105.00       -11.80       -3.74       0.00	75.00	-15.20	-4.19	0.00	-231.68	0.00	231.68	2365.54	1182.77	3167.14	1585.93	6.27	-0.828	0.000	0.153
90.00         -13.24         -3.97         0.00         -169.95         0.00         169.95         2174.14         1087.07         2628.67         1316.29         9.21         -1.044         0.00           95.00         -12.63         -3.89         0.00         -150.09         2097.14         1048.57         2444.84         1224.23         10.34         -1.115         0.00           95.80         -12.53         -3.88         0.00         -146.97         0.00         146.87         2084.82         1042.41         2416.04         1209.82         10.53         -1.127         0.00           95.83         -12.53         -3.88         0.00         -146.86         0.00         146.86         2084.39         1042.20         2415.05         1209.32         10.54         -1.127         0.00           99.92         -11.81         -3.81         0.00         -130.66         0.00         130.66         1076.11         538.25         1236.95         619.40         11.52         -1.158         0.00           105.00         -11.40         -3.74         0.00         -111.58         0.00         111.58         1052.46         526.23         1163.02         582.37         12.78         -1.204         0.00 <td>80.00</td> <td>-14.53</td> <td>-4.12</td> <td>0.00</td> <td>-210.74</td> <td>0.00</td> <td>210.74</td> <td>2309.37</td> <td>1154.68</td> <td>2992.01</td> <td>1498.23</td> <td>7.17</td> <td>-0.900</td> <td>0.000</td> <td>0.147</td>	80.00	-14.53	-4.12	0.00	-210.74	0.00	210.74	2309.37	1154.68	2992.01	1498.23	7.17	-0.900	0.000	0.147
95.00         -12.63         -3.89         0.00         -150.09         0.00         150.09         2097.14         1048.57         2444.84         1224.23         10.34         -1.115         0.00           95.80         -12.53         -3.88         0.00         -146.97         0.00         146.97         2084.82         1042.41         2416.04         1209.82         10.53         -1.127         0.00           95.83         -12.53         -3.88         0.00         -146.86         0.00         146.86         2084.39         1042.20         2415.05         1209.32         10.54         -1.127         0.00           99.92         -11.81         -3.81         0.00         -130.99         0.00         130.99         1076.50         538.25         1236.95         619.40         11.52         -1.158         0.00           105.00         -11.80         -3.82         0.00         -130.66         0.00         111.58         1052.46         526.23         1163.02         582.37         12.78         -1.204         0.00           105.30         -11.38         -3.74         0.00         -110.46         0.00         110.46         1051.00         525.50         1158.68         580.20         12.85 <td>85.00</td> <td>-13.88</td> <td>-4.04</td> <td>0.00</td> <td>-190.17</td> <td>0.00</td> <td>190.17</td> <td>2251.13</td> <td>1125.57</td> <td>2819.16</td> <td>1411.68</td> <td>8.16</td> <td>-0.973</td> <td>0.000</td> <td>0.141</td>	85.00	-13.88	-4.04	0.00	-190.17	0.00	190.17	2251.13	1125.57	2819.16	1411.68	8.16	-0.973	0.000	0.141
95.80         -12.53         -3.88         0.00         -146.97         0.00         146.97         2084.82         1042.41         2416.04         1209.82         10.53         -1.127         0.00           95.83         -12.53         -3.88         0.00         -146.86         0.00         146.86         2084.39         1042.20         2415.05         1209.32         10.54         -1.127         0.00           99.92         -11.81         -3.81         0.00         -130.99         0.00         130.99         1076.50         538.25         1236.95         619.40         11.52         -1.158         0.00           100.00         -11.80         -3.82         0.00         -130.66         0.00         130.66         1076.11         538.05         1235.71         618.78         11.54         -1.159         0.00           105.00         -11.40         -3.74         0.00         -111.58         0.00         110.46         1051.00         525.50         1158.68         580.20         12.85         -1.206         0.00           105.30         -11.33         -3.74         0.00         -110.46         0.00         110.46         1051.00         525.50         1158.68         580.20         12.85	90.00	-13.24	-3.97	0.00	-169.95	0.00	169.95	2174.14	1087.07	2628.67	1316.29	9.21	-1.044	0.000	0.135
95.83         -12.53         -3.88         0.00         -146.86         0.00         146.86         2084.39         1042.20         2415.05         1209.32         10.54         -1.127         0.00           99.92         -11.81         -3.81         0.00         -130.99         0.00         130.99         1076.50         538.25         1236.95         619.40         11.52         -1.158         0.00           100.00         -11.80         -3.82         0.00         -130.66         0.00         130.66         1076.11         538.05         1235.71         618.78         11.54         -1.159         0.00           105.00         -11.40         -3.74         0.00         -110.46         0.00         110.46         1051.00         525.50         1158.68         580.20         12.85         -1.206         0.00           105.30         -11.38         -3.74         0.00         -110.46         0.00         110.46         1051.00         525.50         1158.68         580.20         12.85         -1.206         0.00           110.00         -11.01         -3.68         0.00         -92.89         0.00         92.89         1027.52         513.76         1090.99         546.31         14.06	95.00	-12.63	-3.89	0.00	-150.09	0.00	150.09	2097.14	1048.57	2444.84	1224.23	10.34	-1.115	0.000	0.129
99.92         -11.81         -3.81         0.00         -130.99         0.00         130.99         1076.50         538.25         1236.95         619.40         11.52         -1.158         0.00           100.00         -11.80         -3.82         0.00         -130.66         0.00         130.66         1076.11         538.05         1235.71         618.78         11.54         -1.159         0.00           105.00         -11.40         -3.74         0.00         -111.58         0.00         111.58         1052.46         526.23         1163.02         582.37         12.78         -1.204         0.00           105.30         -11.38         -3.74         0.00         -110.46         0.00         110.46         1051.00         525.50         1158.68         580.20         12.85         -1.206         0.00           105.30         -11.38         -3.74         0.00         -110.46         0.00         110.46         1051.00         525.50         1158.68         580.20         12.85         -1.206         0.00           110.00         -11.01         -3.68         0.00         -92.89         0.00         74.51         1001.28         500.64         1019.81         510.66         15.41	95.80	-12.53	-3.88	0.00	-146.97	0.00	146.97	2084.82	1042.41	2416.04	1209.82	10.53	-1.127	0.000	0.070
100.00       -11.80       -3.82       0.00       -130.66       0.00       130.66       1076.11       538.05       1235.71       618.78       11.54       -1.159       0.00         105.00       -11.40       -3.74       0.00       -111.58       0.00       111.58       1052.46       526.23       1163.02       582.37       12.78       -1.204       0.00         105.30       -11.38       -3.74       0.00       -110.46       0.00       110.46       1051.00       525.50       1158.68       580.20       12.85       -1.206       0.00         105.30       -11.38       -3.74       0.00       -110.46       0.00       110.46       1051.00       525.50       1158.68       580.20       12.85       -1.206       0.00         105.30       -11.38       -3.74       0.00       -110.46       0.00       110.46       1051.00       525.50       1158.68       580.20       12.85       -1.206       0.00         110.00       -11.01       -3.68       0.00       -92.89       0.00       92.89       1027.52       513.76       1090.99       546.31       14.06       -1.245       0.00         115.00       -10.62       -3.61       0.00	95.83	-12.53	-3.88	0.00	-146.86	0.00	146.86	2084.39	1042.20	2415.05	1209.32	10.54	-1.127	0.000	0.070
105.00       -11.40       -3.74       0.00       -111.58       0.00       111.58       1052.46       526.23       1163.02       582.37       12.78       -1.204       0.00         105.30       -11.38       -3.74       0.00       -110.46       0.00       110.46       1051.00       525.50       1158.68       580.20       12.85       -1.206       0.00         105.30       -11.38       -3.74       0.00       -110.46       0.00       110.46       1051.00       525.50       1158.68       580.20       12.85       -1.206       0.00         110.00       -11.01       -3.68       0.00       -92.89       0.00       92.89       1027.52       513.76       1090.99       546.31       14.06       -1.245       0.00         115.00       -10.62       -3.61       0.00       -74.51       0.00       74.51       1001.28       500.64       1019.81       510.66       15.41       -1.337       0.00         125.00       -9.89       -3.49       0.00       -56.43       0.00       38.68       944.93       472.47       880.64       440.98       18.38       -1.485       0.00         127.00       -6.67       -2.30       0.00       -31.71 </td <td>99.92</td> <td>-11.81</td> <td>-3.81</td> <td>0.00</td> <td>-130.99</td> <td>0.00</td> <td>130.99</td> <td>1076.50</td> <td>538.25</td> <td>1236.95</td> <td>619.40</td> <td>11.52</td> <td>-1.158</td> <td>0.000</td> <td>0.076</td>	99.92	-11.81	-3.81	0.00	-130.99	0.00	130.99	1076.50	538.25	1236.95	619.40	11.52	-1.158	0.000	0.076
105.30         -11.38         -3.74         0.00         -110.46         0.00         110.46         1051.00         525.50         1158.68         580.20         12.85         -1.206         0.00           105.30         -11.38         -3.74         0.00         -110.46         0.00         110.46         1051.00         525.50         1158.68         580.20         12.85         -1.206         0.00           110.00         -11.01         -3.68         0.00         -92.89         0.00         92.89         1027.52         513.76         1090.99         546.31         14.06         -1.245         0.00           115.00         -10.62         -3.61         0.00         -74.51         0.00         74.51         1001.28         500.64         1019.81         510.66         15.41         -1.337         0.00           120.00         -10.25         -3.55         0.00         -56.43         0.00         56.43         973.75         486.88         949.64         475.53         16.86         -1.418         0.00           125.00         -9.89         -3.49         0.00         -38.68         0.00         38.68         944.93         472.47         880.64         440.98         18.38         -	100.00	-11.80	-3.82	0.00	-130.66	0.00	130.66	1076.11	538.05	1235.71	618.78	11.54	-1.159	0.000	0.094
105.30         -11.38         -3.74         0.00         -110.46         0.00         110.46         1051.00         525.50         1158.68         580.20         12.85         -1.206         0.00           110.00         -11.01         -3.68         0.00         -92.89         0.00         92.89         1027.52         513.76         1090.99         546.31         14.06         -1.245         0.00           115.00         -10.62         -3.61         0.00         -74.51         0.00         74.51         1001.28         500.64         1019.81         510.66         15.41         -1.337         0.00           120.00         -10.25         -3.55         0.00         -56.43         0.00         56.43         973.75         486.88         949.64         475.53         16.86         -1.418         0.00           125.00         -9.89         -3.49         0.00         -38.68         0.00         38.68         944.93         472.47         880.64         440.98         18.38         -1.485         0.00           127.00         -6.67         -2.30         0.00         -31.71         0.00         31.71         933.04         466.52         853.41         427.34         19.01         -1.508	105.00	-11.40		0.00	-111.58	0.00	111.58	1052.46	526.23	1163.02	582.37	12.78	-1.204	0.000	0.084
110.00       -11.01       -3.68       0.00       -92.89       0.00       92.89       1027.52       513.76       1090.99       546.31       14.06       -1.245       0.00         115.00       -10.62       -3.61       0.00       -74.51       0.00       74.51       1001.28       500.64       1019.81       510.66       15.41       -1.337       0.00         120.00       -10.25       -3.55       0.00       -56.43       0.00       56.43       973.75       486.88       949.64       475.53       16.86       -1.418       0.00         125.00       -9.89       -3.49       0.00       -38.68       0.00       38.68       944.93       472.47       880.64       440.98       18.38       -1.485       0.00         127.00       -6.67       -2.30       0.00       -31.71       0.00       31.71       933.04       466.52       853.41       427.34       19.01       -1.508       0.00         130.00       -6.48       -2.26       0.00       -24.80       0.00       24.80       914.81       457.41       812.99       407.10       19.97       -1.537       0.00         137.00       -3.51       -1.14       0.00       -9.10       0	105.30	-11.38	-3.74	0.00	-110.46	0.00	110.46	1051.00	525.50	1158.68	580.20	12.85	-1.206	0.000	0.083
115.00       -10.62       -3.61       0.00       -74.51       0.00       74.51       1001.28       500.64       1019.81       510.66       15.41       -1.337       0.00         120.00       -10.25       -3.55       0.00       -56.43       0.00       56.43       973.75       486.88       949.64       475.53       16.86       -1.418       0.00         125.00       -9.89       -3.49       0.00       -38.68       0.00       38.68       944.93       472.47       880.64       440.98       18.38       -1.485       0.00         127.00       -6.67       -2.30       0.00       -31.71       0.00       31.71       933.04       466.52       853.41       427.34       19.01       -1.508       0.00         130.00       -6.48       -2.26       0.00       -24.80       0.00       24.80       914.81       457.41       812.99       407.10       19.97       -1.537       0.00         135.00       -6.18       -2.20       0.00       -13.49       0.00       13.49       883.40       441.70       746.85       373.98       21.60       -1.573       0.00         137.00       -3.51       -1.14       0.00       -9.10       0.00	105.30	-11.38	-3.74	0.00	-110.46	0.00	110.46	1051.00	525.50	1158.68	580.20	12.85	-1.206	0.000	0.083
120.00       -10.25       -3.55       0.00       -56.43       0.00       56.43       973.75       486.88       949.64       475.53       16.86       -1.418       0.00         125.00       -9.89       -3.49       0.00       -38.68       0.00       38.68       944.93       472.47       880.64       440.98       18.38       -1.485       0.00         127.00       -6.67       -2.30       0.00       -31.71       0.00       31.71       933.04       466.52       853.41       427.34       19.01       -1.508       0.00         130.00       -6.48       -2.26       0.00       -24.80       0.00       24.80       914.81       457.41       812.99       407.10       19.97       -1.537       0.00         135.00       -6.18       -2.20       0.00       -13.49       0.00       13.49       883.40       441.70       746.85       373.98       21.60       -1.573       0.00         137.00       -3.51       -1.14       0.00       -9.10       0.00       9.10       870.48       435.24       720.86       360.97       22.26       -1.583       0.00         140.00       -3.38       -1.11       0.00       -5.66       0.00	110.00	-11.01	-3.68	0.00	-92.89	0.00	92.89	1027.52	513.76	1090.99	546.31	14.06	-1.245	0.000	0.181
125.00       -9.89       -3.49       0.00       -38.68       0.00       38.68       944.93       472.47       880.64       440.98       18.38       -1.485       0.00         127.00       -6.67       -2.30       0.00       -31.71       0.00       31.71       933.04       466.52       853.41       427.34       19.01       -1.508       0.00         130.00       -6.48       -2.26       0.00       -24.80       0.00       24.80       914.81       457.41       812.99       407.10       19.97       -1.537       0.00         135.00       -6.18       -2.20       0.00       -13.49       0.00       13.49       883.40       441.70       746.85       373.98       21.60       -1.573       0.00         137.00       -3.51       -1.14       0.00       -9.10       0.00       9.10       870.48       435.24       720.86       360.97       22.26       -1.583       0.00         140.00       -3.38       -1.11       0.00       -5.66       0.00       5.66       850.70       425.35       682.40       341.71       23.26       -1.593       0.00	115.00	-10.62	-3.61	0.00	-74.51	0.00	74.51	1001.28	500.64	1019.81	510.66	15.41	-1.337	0.000	0.157
127.00     -6.67     -2.30     0.00     -31.71     0.00     31.71     933.04     466.52     853.41     427.34     19.01     -1.508     0.00       130.00     -6.48     -2.26     0.00     -24.80     0.00     24.80     914.81     457.41     812.99     407.10     19.97     -1.537     0.00       135.00     -6.18     -2.20     0.00     -13.49     0.00     13.49     883.40     441.70     746.85     373.98     21.60     -1.573     0.00       137.00     -3.51     -1.14     0.00     -9.10     0.00     9.10     870.48     435.24     720.86     360.97     22.26     -1.583     0.00       140.00     -3.38     -1.11     0.00     -5.66     0.00     5.66     850.70     425.35     682.40     341.71     23.26     -1.593     0.00	120.00	-10.25	-3.55	0.00	-56.43	0.00	56.43	973.75	486.88	949.64	475.53	16.86	-1.418	0.000	0.129
130.00     -6.48     -2.26     0.00     -24.80     0.00     24.80     914.81     457.41     812.99     407.10     19.97     -1.537     0.00       135.00     -6.18     -2.20     0.00     -13.49     0.00     13.49     883.40     441.70     746.85     373.98     21.60     -1.573     0.00       137.00     -3.51     -1.14     0.00     -9.10     0.00     9.10     870.48     435.24     720.86     360.97     22.26     -1.583     0.00       140.00     -3.38     -1.11     0.00     -5.66     0.00     5.66     850.70     425.35     682.40     341.71     23.26     -1.593     0.00	125.00	-9.89	-3.49	0.00	-38.68	0.00	38.68	944.93	472.47	880.64	440.98	18.38	-1.485	0.000	0.098
135.00     -6.18     -2.20     0.00     -13.49     0.00     13.49     883.40     441.70     746.85     373.98     21.60     -1.573     0.00       137.00     -3.51     -1.14     0.00     -9.10     0.00     9.10     870.48     435.24     720.86     360.97     22.26     -1.583     0.00       140.00     -3.38     -1.11     0.00     -5.66     0.00     5.66     850.70     425.35     682.40     341.71     23.26     -1.593     0.00	127.00	-6.67		0.00	-31.71	0.00	31.71	933.04	466.52	853.41	427.34	19.01	-1.508	0.000	0.081
137.00     -3.51     -1.14     0.00     -9.10     0.00     9.10     870.48     435.24     720.86     360.97     22.26     -1.583     0.00       140.00     -3.38     -1.11     0.00     -5.66     0.00     5.66     850.70     425.35     682.40     341.71     23.26     -1.593     0.00	130.00	-6.48	-2.26	0.00	-24.80	0.00	24.80	914.81	457.41	812.99	407.10	19.97	-1.537	0.000	0.068
140.00 -3.38 -1.11 0.00 -5.66 0.00 5.66 850.70 425.35 682.40 341.71 23.26 -1.593 0.00	135.00	-6.18	-2.20	0.00	-13.49	0.00	13.49	883.40	441.70	746.85	373.98	21.60	-1.573	0.000	0.043
	137.00	-3.51	-1.14	0.00	-9.10	0.00	9.10	870.48	435.24	720.86	360.97	22.26	-1.583	0.000	0.029
		-3.38	-1.11	0.00	-5.66	0.00	5.66	850.70	425.35	682.40	341.71	23.26	-1.593	0.000	0.021
145.00 -0.12 -0.04 0.00 -0.13 0.00 0.13 816.70 408.35 619.79 310.35 24.93 -1.600 0.00	145.00	-0.12	-0.04	0.00	-0.13	0.00	0.13	816.70	408.35	619.79	310.35	24.93	-1.600	0.000	0.001
148.34 0.00 -0.04 0.00 0.00 0.00 0.00 787.55 393.77 574.90 287.88 26.05 -1.600 0.00	148.34	0.00	-0.04	0.00	0.00	0.00	0.00	787.55	393.77	574.90	287.88	26.05	-1.600	0.000	0.000

### **Final Analysis Summary**

**Structure:** CT46144-A-SBA **Code:** EIA/TIA-222-G 8/10/2021

Site Name:Cammilletti PropertyExposure:BHeight:148.34 (ft)Crest Height:0.00

Base Elev: 0.000 (ft) Site Class: D - Stiff Soil

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#### Reactions

	Shear FX	Shear FZ	Axial FY	Moment MX	Moment MY	Moment MZ
Load Case	(kips)	(kips)	(kips)	(ft-kips)	(ft-kips)	(ft-kips)
1.2D + 1.6W 89 mph Wind	18.3	0.00	35.27	0.00	0.00	2084.97
0.9D + 1.6W 89 mph Wind	18.3	0.00	26.45	0.00	0.00	2056.07
1.2D + 1.0Di + 1.0Wi 40 mph Wind	3.9	0.00	56.91	0.00	0.00	439.78
1.2D + 1.0E	1.6	0.00	35.30	0.00	0.00	201.58
0.9D + 1.0E	1.6	0.00	26.48	0.00	0.00	198.61
1.0D + 1.0W 60 mph Wind	5.2	0.00	29.42	0.00	0.00	587.41

#### **Max Stresses**

	Pu	Vu FX (-)	Tu MY (-)	Mu MZ	Mu MX	Resultant Moment		phi Vn	phi Tn	phi Mn	Elev	Stress
Load Case	FY (-) (kips)	(kips)	(ft-kips)	(ft-kips)	(ft-kips)	(ft-kips)	(kips)	(kips)			(ft)	Ratio
1.2D + 1.6W 89 mph Wind	-12.29	-13.10	0.00	-331.08	0.00	-331.08	1027.52	513.76	1090.99	546.31	110.00	0.619
0.9D + 1.6W 89 mph Wind	-9.00	-12.81	0.00	-323.30	0.00	-323.30	1027.52	513.76	1090.99	546.31	110.00	0.601
1.2D + 1.0Di + 1.0Wi 40 mph Wind	-26.66	-2.73	0.00	-68.96	0.00	-68.96	1027.52	513.76	1090.99	546.31	110.00	0.152
1.2D + 1.0E	-13.29	-1.38	0.00	-40.91	0.00	-40.91	1027.52	513.76	1090.99	546.31	110.00	0.088
0.9D + 1.0E	-9.97	-1.35	0.00	-40.06	0.00	-40.06	1027.52	513.76	1090.99	546.31	110.00	0.083
1.0D + 1.0W 60 mph Wind	-11.01	-3.68	0.00	-92.89	0.00	-92.89	1027.52	513.76	1090.99	546.31	110.00	0.181

#### Additional Steel Summary

		<del>,</del>		Intermediate Connectors			wer Te	rminat	ion	Up	per Te	rminat	ion	N	Лах Ме	mber	
Elev From (ft)	Elev To (ft)	Member	VQ/I (lb/in)	Vu (kips)	phi Vn (kips)	MQ/I	phi Vn (kins)	Num Read	Num Actual	MQ/I (kips)	phi Vn (kips)	Num Read	Num Actual	Pu (kips)	phi Pn (kips)	phi Tn (kips)	Ratio
47.2	. ,	(3) PLT-6"x1.5"(31mm hole)	246.6	5.92	37.1	201.4	37.1	6	11		37.1	6			489.4 4	• • •	0.492
95.8	105.3	(3) PLT-4.5x1.5(31mm Hole)	-363.4	-8.72	37.1	124.0	37.1	4	8	129.0	37.1	4	6	144.14	367.1 2	89.53	0.498

### **Base Plate Summary**

**Structure:** CT46144-A-SB **Code:** EIA/TIA-222-G 8/10/2021

Site Name:Cammilletti PropertyExposure:BHeight:148.34 (ft)Crest Height:0.00

Base Elev: 0.000 (ft) Site Class: D - Stiff Soil

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260.00 0.42

Allowable (kip):

Ratio:

Reaction	ıs	Base Pla	ite	Anchor B	olts	
Original De	sign	Yield (ksi):	60.00	Bolt Circle:	57.00	
Moment (kip-ft):	2300.40	Width (in):	63.00	Number Bolts:	16.00	
Axial (kip):	21.20	Style:	Round	Bolt Type:	2.25" 18J	
Shear (kip):	22.00	Polygon Sides:	0.00	Bolt Diameter (in):	2.25	
Analysis (1.2D	+ 1 6W)	Clip Length (in):	0.00	Yield (ksi):	75.00	
Moment (kip-ft):	2084.97	Effective Len (in):	13.49	Ultimate (ksi):	100.00	
Axial (kip):	35.27	Moment (kip-in):	509.81	Arrangement:	Radial	
Shear (kip):	18.33	Allow Stress (ksi):	81.00	Cluster Dist (in):	0.00	
(		Applied Stress (ksi):	56.70	Start Angle (deg):	0.00	
		Stress Ratio:	0.70	Compress	sion	
				Force (kip):	113.29	
				Allowable (kip):	260.00	
				Ratio:	0.44	
				Tension		
				Force (kip): 10		



Monor	solo Mat Foundation I	Docian	Date							
Monor	Monopole Mat Foundation Design									
Customer Name:	Verizon	EIA/TIA Standard:	EIA-222-G							
Site Name:		Structure Height (Ft.):	148.34							
Site Number:	CT46144-A-SBA	Engineer Name:	T. Alajaj							
Engr. Number:	110368	Engineer Login ID:								

Foundation Info Obtained from:	Mapping Operation			
Structure Type:	Monopole			
Analysis or Design?		Analysis		0.00
Base Reactions (Factored):		radiyala		1.00
		a		
Axial Load (Kips):	35.3	Shear Force (Kips):	18.3	8 # 4
Uplift Force (Kips):	0.0	Moment (Kips-ft):	2085.0	99.0
Allowable overstress %: 5.0%				32 # 8
Foundation Geometries:				6.5
		Mods required -Yes/No ?:	No	32 # 8
Diameter of Pier (ft.):	6.5	Depth of Base BG (ft.):	6.5	
Pier Height A. G. (ft.):	1.00	Thickness of Pad (ft):	3.00	3.00
Length of Pad (ft.):	22.5	Width of Pad (ft.):	22.5	
				22.5
Final Length of pad (ft)	22.5	Final width of pad (ft):	22.5	0.0
Material Properties and Reabr Info	<u>:</u>			6.5
Concrete Strength (psi):	4000	Steel Elastic Modulus:	29000	ksi
Vertical bar yield (ksi)	60	Tie steel yield (ksi):	60	22.5
Vertical Rebar Size #:	8	Tie / Stirrup Size #:	4	22.5 W
Qty. of Vertical Rebars:	40	Tie Spacing (in):	12.0	
Pad Rebar Yield (Ksi):	60	Pad Steel Rebar Size (#):	8	40 # 8
Concrete Cover (in.):	3	Unit Weight of Concrete:	150.0	pcf
Rebar at the bottom of the concrete	pad:			0.0
Qty. of Rebar in Pad (L):	32	Qty. of Rebar in Pad (W):	32	0.0
Rebar at the top of the concrete page	d:			22.5 L
Qty. of Rebar in Pad (L):	32	Qty. of Rebar in Pad (W):	32	
Soil Design Parameters:				
Soil Unit Weight (pcf):	135.0	Soil Buoyant Weight:	50.0	Pcf
Water Table B.G.S. (ft):	99.0	Unit Weight of Water:	62.4	pcf Angle from Top of Pad: 30
Ultimate Bearing Pressure (psf):	12000	Ultimate Skin Friction:	0	Psf Angle from Bottm of Pad: 25
Consider Friction for O.T.M. (Y/N):	No	Consider Friction for bearing	ng (Y/N):	No Angle from Bottm of Pad: 25
Consider soil hor. resist. for OTM.:	No	Reduction factor on the ma	aximum soil l	bearing pressure: 1.00
Foundation Analysis and Design:	Unlife Ce	ength Reduction Factor:	0.75	Compression Strength Reduction Factor: 0.75
•	Opint 3ti	ength reduction ractor.	1655.73	Total Dry Soil Weight (Kips): 223.52
Total Dry Soil Volume (cu. Ft.): Total Buoyant Soil Volume (cu. Ft.):			0.00	Total Buoyant Soil Weight (Kips): 225.32  Total Buoyant Soil Weight (Kips): 0.00
Total Effective Soil Weight (Kips):		223.52	Weight from the Concrete Block at Top (K): 0.00	
Total Dry Concrete Volume (cu. Ft.):		1668.07	Total Dry Concrete Weight (Kips): 250.21	
Total Buoyant Concrete Volume (cu. Ft.):			0.00	Total Buoyant Concrete Weight (Kips): 0.00
Total Effective Concrete Weight (Kips):		250.21	Total Vertical Load on Base (Kips): 509.04	
Check Soil Capacities:				Load/ Capacity Ratio
Calculated Maxium Net Soil Pressure		., .	2122	< Allowable Factored Soil Bearing (psf): 9000 0.24 OK!
Allowable Foundation Overturning Resistance (kips-ft.):			5193.7	> Design Factored Momont (kips-ft): 2222 0.43 OK!
Factor of Safety Against Overturning	(O. R. M	oment/Design Moment):	2.34	OK!

**TES Engr. Number:** 110368 Page 2/2 Date: 8/10/2021

Check the capacities of Reinforceing Concrete:						
Strength reduction factor (Flexure and axial tension):		Strength reduction factor (Shear):		0.75		
Strength reduction factor (Axial compresion):		Wind	Load Factor on Concrete Design:	1.00		
					Load/ Capacity	
(1) Concrete Pier:					Ratio	
Vertical Steel Rebar Area (sq. in./each):	0.79		Tie / Stirrup Area (sq. in./each):	0.20		
Calculated Moment Capacity (Mn,Kips-Ft):	4910.3	>	Design Factored Moment (Mu, Kips-F	2167.4	0.44	OK!
Calculated Shear Capacity (Kips):	578.1	>	Design Factored Shear (Kips):	18.3	0.03	OK!
Calculated Tension Capacity (Tn, Kips):	1706.4	>	Design Factored Tension (Tu Kips):	0.0	0.00	OK!
Calculated Compression Capacity (Pn, Kips):	8392.3	>	Design Factored Axial Load (Pu Kips):	35.3	0.00	OK!
Moment & Axial Strength Combination:	0.44	OK!	Check Tie Spacing (Design/Required):		1	OK!
Pier Reinforcement Ratio:	0.007		Reinforcement Ratio is satisfied per AC	CI .		
(2).Concrete Pad:						
One-Way Design Shear Capacity (L-Direction, Kips):	832.5	>	One-Way Factored Shear (L-D. Kips):	149.5	0.18	OK!
One-Way Design Shear Capacity (W-Direction, Kips):	832.5	>	One-Way Factored Shear (W-D., Kips)	149.5	0.18	OK!
One-Way Design Shear Capacity (Corner-Corner. Kips):	736.4	>	One-Way Factored Shear (C-C, Kips):	142.5	0.19	OK!
Lower Steel Pad Reinforcement Ratio (L-Direct. ):	0.0029	OK!	Lower Steel Pad Reinf. Ratio (W-Direc	0.0029		
Lower Steel Pad Moment Capacity (L-Direction. Kips-ft):	3603.2	>	Moment at Bottom ( L-Dir. K-Ft):	769.5	0.21	OK!
Lower Steel Pad Moment Capacity (W-Direction. Kips-ft):	3603.2	>	Moment at Bottom ( W-Dir. K-Ft):	769.5	0.21	OK!
Lower Steel Pad Moment Capacity (Corner-Corner,K-ft):	5061.6	>	Moment at Bottom ( C-C Dir. K-Ft):	1088.2	0.21	OK!
Upper Steel Pad Reinforcement Ratio (L-Direct. ):	0.0029	OK!	Upper Steel Reinf. Ratio (W-Dir. ):	0.0029		
Upper Steel Pad Moment Capacity (L-Direc. Kips-ft):	3603.2	>	Moment at the top (L-Dir K-Ft):	341.0	0.09	OK!
Upper Steel Pad Moment Capacity (W-Direc. Kips-ft):	3603.2	>	Moment at the top (W-Dir K-Ft):	341.0	0.09	OK!
Upper Steel Pad Moment Capacity (Corner-Corner. K-ft):	5061.6	>	Moment at the top (C-C Dir. K-Ft):	320.4	0.06	OK!
(3).Check Punching Shear Capacity due to Moment in the Pier:						
Moment transferred by punching shear:	834.0	k-ft.	Max. factored shear stress $v_{u\_CD}$ :		2.3	Psi
Max. factored shear stress v <sub>u_AB</sub> :	7.1	Psi	Factored shear Strength φν <sub>n</sub> :		189.7	Psi
Max. factored shear stress v <sub>u</sub> :	7.1	Psi	Check Usage of Punching Shear Cap	acity:	0.04	OK!





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

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

Mount Fix

SMART Tool Project #: 10070846

Maser Consulting Connecticut Project #: 21777242A Rev. 1

July 6, 2021

<u>Site Information</u> Site ID: 467610-VZW / NORFOLK WEST CT

Site Name: NORFOLK WEST CT
Carrier Name: Verizon Wireless
Address: 10 Ashpohtag Road

Norfolk, Connecticut 06058

Litchfield County

Latitude: 42.002697° Longitude: -73.221417°

<u>Structure Information</u> Tower Type: Monopole

Mount Type: 14.50-Ft Platform

**FUZE ID # 16275314** 

### Analysis Results

Platform: 52.5% Pass

#### \*\*\*Contractor PMI Requirements:

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

Report Prepared By: Abigail Enriquez



500 lbs.

### **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: 674993, dated June 24, 2021			
Mount Mapping Report	Roaming Networks Inc., Site ID: PSLC:467610, dated March 31, 2021			
Mount Analysis Report	Maser Consulting Connecticut, Project #: 21777242A Rev. 1, dated July 6, 2021			
Mount Modification Drawings	Maser Consulting Connecticut, Project #: 21777242A Rev. 1, dated June 29, 2021			

#### **Analysis Criteria:**

Codes and	Standards:	ANSI/TIA-222-H

Wind Parameters:	Basic Wind Speed (Ultimate 3-sec. Gust), Vult: Ice Wind Speed (3-sec. Gust): Design Ice Thickness: Risk Category: Exposure Category: Topographic Category: Topographic Feature Considered: Topographic Method: Ground Elevation Factor, Ke:	114 mph 40 mph 1.00 in II B 1 N/A N/A 0.964
Seismic Parameters:	Ss: S <sub>1</sub> :	0.165 0.054
Maintenance Parameters:	Wind Speed (3-sec. Gust): Maintenance Live Load, Lv:	30 mph 250 lbs.

Maintenance Live Load, Lm:

Analysis Software: RISA-3D (V17)

#### Final Loading Configuration:

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

Mount Elevation (ft)	Equipment Elevation (ft)	Quantity	Manufacturer	Model	Status		
	6	Commscope	NHH-65C-R2B				
	136.00	127.00	127.00	3	Samsung	MT6407-77A	
126.00				1	RFS	DB-C1-12C-24AB-0Z	Added
126.00 127.0	127.00	3	Samsung	B2/B66A RRH-BR049			
		3	Samsung	B5/B13 RRH-BR04C			
		3	Amphenol Antel	BXA-70080-6CF-EDIN-0	Retained		

The recent mount mapping did not report existing OVP units. However, 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.

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 Maser Consulting Connecticut and used in this analysis is current and correct. The existing equipment loading has been applied at locations determined from the supplied documentation. Any deviation from the loading locations specified in this report shall be communicated to Maser Consulting Connecticut to verify deviation will not adversely impact the analysis.
- 2. Mounts are assumed to have been properly fabricated, installed and maintained in good condition, twist free and plumb in accordance with its original design and manufacturer's specifications.

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

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

- 3. For mount analyses completed from other data sources (including new replacement mounts) and not specifically mapped by Maser Consulting Connecticut, the mounts are assumed to have been properly fabricated, installed and maintained in good condition, twist free and plumb in accordance with its original design and manufacturer's specifications.
- All member connections are assumed to have been designed to meet or exceed the load carrying capacity
  of the connected member unless otherwise specified in this report.
- 5. The mount was checked up to, and including, the bolts that fasten it to the mount collar/attachment and threaded rod connections in collar members if applicable. Local deformation and interaction between the mount collar/attachment and the supporting tower structure are outside the scope of this analysis.

- 6. All services are performed, results obtained, and recommendations made in accordance with generally accepted engineering principles and practices. Maser Consulting Connecticut is not responsible for the conclusion, opinions, and recommendations made by others based on the information supplied.
- 7. Structural Steel Grades have been assumed as follows, if applicable, unless otherwise noted in this analysis:

Channel, Solid Round, Angle, Plate
 HSS (Rectangular)
 Pipe
 Threaded Rod
 Bolts
 ASTM A36 (Gr. 36)
 ASTM 500 (Gr. B-46)
 ASTM A53 (Gr. B-35)
 F1554 (Gr. 36)
 ASTM A325

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

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

#### Analysis Results:

Component	Utilization %	Pass/Fail
Support Rail Angle	25.2%	Pass
Support Rail	16.8%	Pass
Mount Pipe	33.8%	Pass
Dual Antenna Mount Pipe	22.6%	Pass
Face Horizontal	20.3%	Pass
Corner Plate	14.4%	Pass
Cross Arm Plate	51.4%	Pass
Grating Support	21.5%	Pass
Platform Crossmember	19.0%	Pass
Standoff Horizontal	39.7%	Pass
Connection Check	52.5%	Pass

Structure Rating – (Controlling Utilization of all Components)	52.5%
--	-------

#### **Recommendation:**

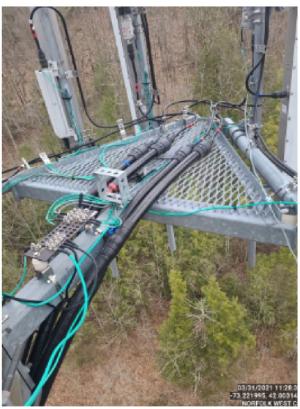
The existing mount will be **SUFFICIENT** for the final loading after the proposed modifications are successfully completed.

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

#### Attachments:

- 1. Mount Photos
- 2. Mount Mapping Report (for reference only)
- 3. Analysis Calculations
- 4. Contractor Required PMI Report Deliverables
- 5. Antenna Placement Diagrams
- 6. TIA Adoption and Wind Speed Usage Letter





Offset

Horizontal



Antenna Mount Mapping Form (PATENT PENDING)  FCC 1274								
Tower Owner:	SBA	Mapping Date:	03/31	/2021				
Site Name:	VZW: NORFOLK WEST CT	Tower Type:	Mone	opole				
Site Number or ID:	PSLC: 467610	Tower Height (Ft.):	N/A					
Mapping Contractor:	Roaming Networks Inc.	Mount Elevation (Ft.):	127	7.08				

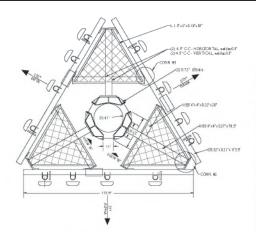
Offset

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Mount Pipe Size & Length

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

Sector /



Position	Mount Pipe Size & Length	Dimension "u"	Offset "C1, C2, C3, etc."	Position	Mount Pipe Size & Length	Dimension "u"	Offset "C1, C2, C3, etc.
A1	PIPE Ø 2.35"x0.21"x91"	45.00	15.00	C1	PIPE Ø 2.35"x0.21"x91"	45.00	15.00
A2	PIPE Ø 2.35"x0.21"x91"	48.50	80.00	C2	PIPE Ø 2.35"x0.21"x91"	48.50	80.00
A3	PIPE Ø 2.35"x0.21"x91"	47.00	135.00	C3	PIPE Ø 2.35"x0.21"x91"	47.00	135.00
A4	PIPE Ø 2.35"x0.21"x91"	44.00	159.00	C4	PIPE Ø 2.35"x0.21"x91"	44.00	159.00
A5				C5			
A6				C6			
B1	PIPE Ø 2.35"x0.21"x91"	45.00	15.00	D1			
B2	PIPE Ø 2,35"x0.21"x91"	48.50	80,00	D2			
B3	PIPE Ø 2,35"x0.21"x91"	47.00	135.00	D3			
B4	PIPE Ø 2.35"x0.21"x91"	44.00	159.00	D4			
B5				D5			
B6				D6			
	Distance between bottom rai	l and moun	t CL elevati	on (dim d	. Unit is inches. See 'Mount Elev Ref' tab	for details. :	0.00
	Distance from to	op of botto	n support r	ail to lowe	est tip of ant./eqpt. of Carrier above. (N/A	if > 10 ft.):	5.5

Mount Pipe Configuration and Geometries [Unit = Inches]

Sector /

Horizontal

Distance from top of bottom support rail to lowest tip of ant./eqpt. of Carrier above. (N/A if > 10 ft.): Distance from top of bottom support rail to highest tip of ant,/eqpt. of Carrier below. (N/A if > 10 ft.) :

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

Mount Pipe Size & Length

Please enter additional infomation or comments below.

OVERALL MOUNT SCHEMATIC

SECTOR E	//	1	-SECTOR C	
LEC B	FAC	EB	LEC C	
/	[FREEE]		1	
_	SECTOR A	LEG A		-
				Horizontal Offset "h"

	Enter antenna	model.	If not labe	led, enter '	'Unknown'	٠.	Mountin [Units are incl	g Location hes and de		Photos of antennas
Ants. Items	Antenna Models if Known	Width (in.)	Depth (in.)	Height (in.)	Coax Size and Qty		Vertical Distances"b <sub>1a</sub> , b <sub>2a</sub> , b <sub>3a</sub> , b <sub>1b</sub> " (Inches)	Horiz. Offset "h" (Use "-" if Ant. is behind)	Antenna Azimuth (Degrees)	Photo Numbers
					Sector A					
Ant <sub>1a</sub>										
Ant <sub>1b</sub>	LPA80080/6CF-E-DIN	5.50	13.20	70.90		127.705	37.50	13.00	21.00	16
Antir	RFS	6.75	1.00	4.75		129.122	20.50	3.00		17,18,19
Ant <sub>2a</sub>										
Ant <sub>2b</sub>	BXA-70063-6CF-EDIN	11.30	6.00	71.00		127.955	38.00	9.00	21.00	20,21
Ant <sub>2c</sub>	Unknown	16.00	7.00	3.00		127.372	45.00			23,24,25
Ant <sub>3a</sub>										
Ant <sub>3b</sub>	Unknown	6.00	4.00	72.00		127.872	37.50	7.00	21.00	4,5,6
Ant₃ <sub>r</sub>	Unknown	7.00	3.00	16.00		128.33	32.00	3.50		7,8,9
Ant <sub>4e</sub>										
Ant <sub>4b</sub>	Unknown	6.00	13.50	72.00		128.122	31.50	14.00	21.00	10,11,12
Ant <sub>4</sub>	RFS	6.75	1.00	4.75		129.226	18.25	2.50		13,14,15
Ant <sub>5e</sub>										
Ant <sub>5b</sub>										
Ant <sub>5c</sub>										
Ant on										
Standoff										
Ant on Standoff										
Ant on										
Tower										
Ant on										
Tower										

pid	Antia 1	8 Antzo	Ants.	Anti-	Antso		
æ 0	Antii, A	Antza 🧸	Antxe ∉	Anta g	Antsı		
<u>.</u>	ğ			<u>ä</u>	_		
		-	-	-	-#-		
				ļ			
<u>C1</u>	Antie -l c2	Ant2c	Antse	Ant4c	Antse		
	UZ.	C3					
_		C4	C5				
	Antenna Layout (Looking Out From Tower)						

Mou	nt Azimuth	(Degre	e)	Tower Leg Azim	nuth (Degree)	Sector B										
	for Each Se		•	for Each		Ant <sub>1a</sub>										
Sector A:	21.00	Deg	Leg A:		Deg	Ant <sub>1b</sub>	LPA80080/6CF-E-DIN	5.50	13.20	70.90		127.705	37.50	13.00	132.00	16
Sector B:	132.00	Deg	Leg B:		Deg	Ant <sub>1c</sub>	RFS	6.75	1.00	4.75		129.122	20.50	3.00		17,18,19
Sector C:	275.00	Deg	Leg C:		Deg	Ant <sub>2a</sub>										
Sector D:		Deg	Leg D:		Deg	Ant <sub>2b</sub>	BXA-70040/6CFEDIN2	24.00	8.00	71.00		127.913	38.50	10.00	132.00	162
		Clim	bing Fac	ility Information		Ant <sub>2</sub>	Unknown	16.00	7.00	3.00		127.372	45.00			23,24,25
Location:	132.00	Deg		Sector B		Ant <sub>3a</sub>										
Climbing	Corro	sion Typ	oe:	Good condition.		Ant₃ <sub>b</sub>	Unknown	6.00	4.00	72.00		127.872	37.50	7.00	132.00	4,5,6
Facility	A	ccess:		Climbing path was un	obstructed.	Ant <sub>3∈</sub>	Unknown	7.00	3.00	16.00		128.33	32.00	3.50		7,8,9
,	Cor	ndition:		Good condition.		Ant <sub>4e</sub>										
		. IT	m.			Ant <sub>4b</sub>	Unknown	6.00	13.50	72.00		128.122	31.50	14.00	132.00	10,11,12
	т г	4///	1111/-	1 🖺		Ant <sub>4c</sub>	RFS	6.75	1.00	4.75		129.226	18.25	2.50		13,14,15
						Antsa										
		1	-			Ant <sub>5b</sub>										
	4	5		TIP OF EQUIPMENT		Antsc										
		- 111			DETENDED FROM THE OF MAIN	Ant on Standoff										
	ПГ				DISTRIBLE FROM TOP OF MAIN PLATFORM MEMBER TO LOWEST TIP OF ANT./ESPT. OF CAPRIER ABOVE. (N/A P > 10 PT.)	Ant on										
_					.,	Standoff										
		J###	<del></del> -	<b> </b>	DESTRUCE FROM TOP OF MAIN	Ant on										
EXENC PLAIRCHN-	٠ '		"		DESTRUCE FROM TOP OF MAIN PLANTING MANUEL IN HEREST BY OF MIT, EXPT. OF CARRER BELOW. (N/A $P'>80$ PT.)	Tower Ant on										
	д т	.	مر ( ا	I P CF ESCHMENIA		Tower										
											Sector C					
						Ant <sub>1a</sub>										
						Ant <sub>1b</sub>	LPA80080/6CF-E-DIN	5.50	13.20	70.90		127.705	37.50	13.00	275.00	16
		"W	U),			Ant <sub>1c</sub>	RFS	6.75	1.00	4.75		129.122	20.50	3.00		17,18,19
-	n r	5 ~~ ~		r n		Ant <sub>2a</sub>										
		F		1		Ant <sub>2b</sub>	BXA70040/6CFEDIN2	24.00	8.00	71.00		127.913	38.50	10.00	275.00	179
1	_					Ant <sub>2</sub>	Unknown	16.00	7.00	3.00		127.372	45.00			23,24,25
4				<del>  </del>		Ant <sub>3a</sub>										
П		'	"	U ne or equevent		Ant <sub>3b</sub>	Unknown	6.00	4.00	72.00		127.872	37.50	7.00	275.00	4,5,6
						Ant₃ <sub>c</sub>	Unknown	7.00	3.00	16.00		128.33	32.00	3.50		7,8,9
	7 [	7			DISTANCE FROM TOP OF BOTTOM SUPPORT RAIL TO LOWEST TIP OF ANT / EOPT. OF CARRIER ABOVE. (N/A F > 10 FT.)	Ant <sub>4a</sub>										
4			<b>=</b>	<del>                                     </del>	(N/A F > 10 Ft.)	Ant <sub>4b</sub>	Unknown	6.00	13.50	72.00		128.122	31.50	14.00	275.00	10,11,12
		-				Ant <sub>4c</sub>	RFS	6.75	1.00	4.75		129.226	18.25	2.50		13,14,15
		1			DISTANCE FROM TOP OF BOTTOM	Antsa										
EXISTING SECTOR FIX	UNT	E			DISTANCE FROM TOP OF BOTTOM SUPPORT HAL TO HIGHEST TIP OF ANT_/EQPT. OF CAMBER BELOW. (N/A P > 10 PT.)	Ant <sub>5b</sub>										
الم ا		ւ [		TP OF EQUEVEOR		Ant <sub>Sc</sub> Ant on										
						Standoff										
1			$\neg$			Ant on										
4				<u> </u>		Standoff										
<u>_</u>		- [	<u> </u>	1 -		Ant on Tower										
						Ant on										
						Tower										
											Sector D					
						Ant <sub>1a</sub>										
						Ant <sub>1b</sub>										
						Ant <sub>1:</sub>										
						Ant <sub>2a</sub>										
						Ant <sub>2b</sub>										
						Ant <sub>3a</sub>										
						Ant <sub>3b</sub>										
						Ant <sub>3c</sub>										
						Ant <sub>4a</sub>										
						Ant <sub>4b</sub>										
						Ant <sub>4c</sub>										
						Ant <sub>5e</sub>										
						Ant <sub>Sb</sub>										
						Ant <sub>5c</sub>										
						Ant on										
						Standoff										
						Ant on Standoff										
						Ant on										
						Tower										
						Ant on										
						Tower										
							atu and Structural Iccu									

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

1	
2	
3	
4	
5	
6	
7	
8	

#### **Mapping Notes**

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

#### Standard Conditions

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

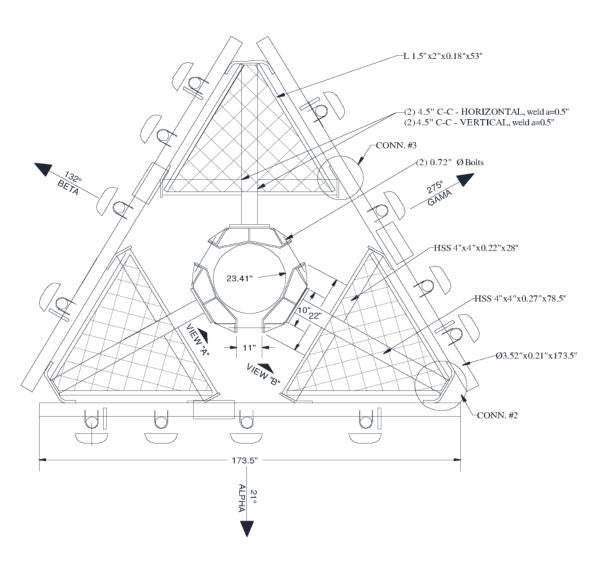
V3.0 Updated on 8-31-2020



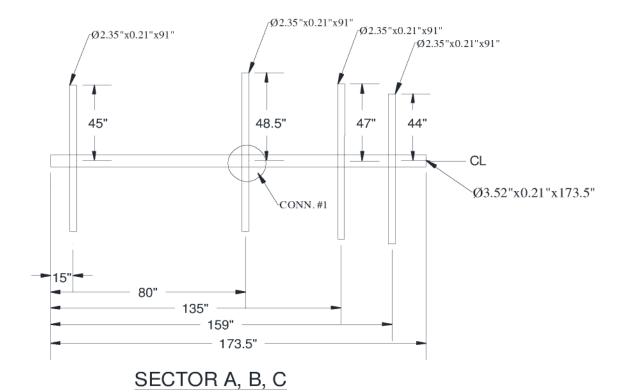
	Antenna Mount Mapping Form (PATENT PENDING)  12744							
Tower Owner:	Tower Owner:         SBA         Mapping Date:         03/31/							
Site Name:	ite Name: VZW: NORFOLK WEST CT Tower Type: Monop							
Site Number or ID:	e Number or ID: PSLC: 467610 Tower Height (Ft.):		N/A					
7 7 7	Roaming Networks Inc.	Mount Elevation (Ft.):		7.08				

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#### Please Insert Sketches of the Antenna Mount

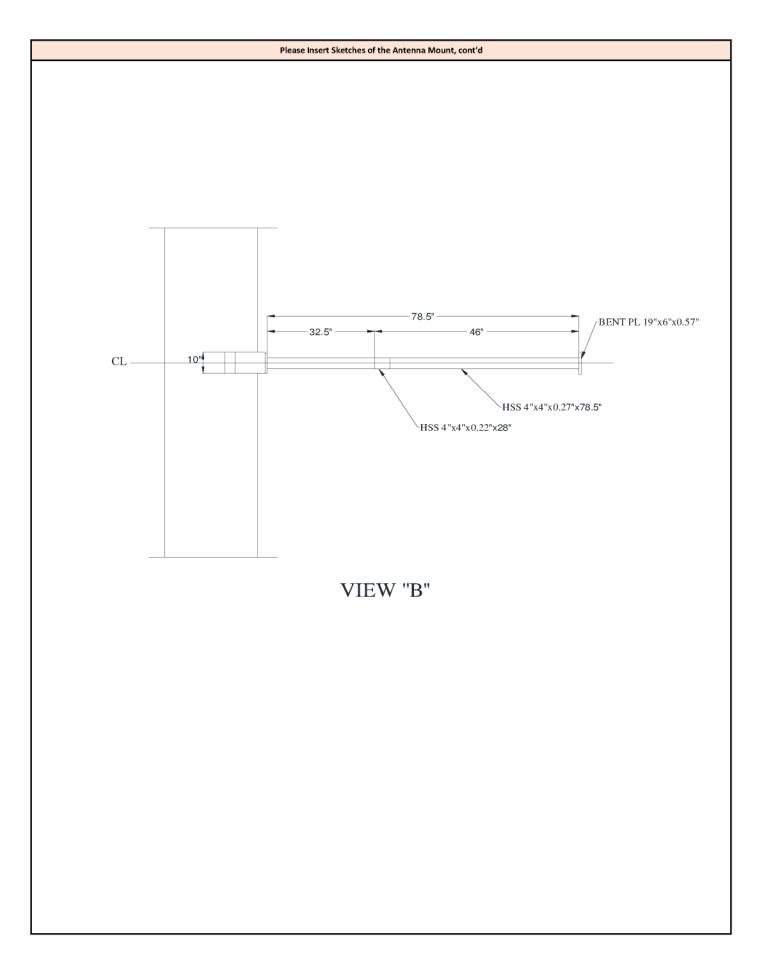


OVERALL MOUNT SCHEMATIC

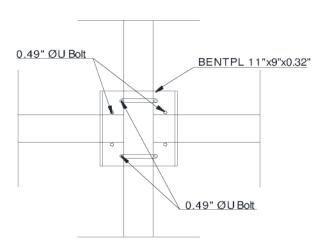


(1) BENT PL 16"x10"
(1) BENT PL 22"x10"
(1) PL 6"x10"x0.38"
(2) 0.72" Ø Bolts

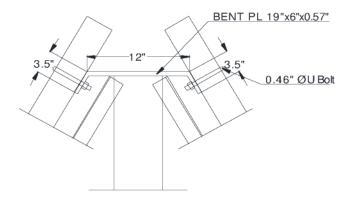
TOWER ATTACHMENT



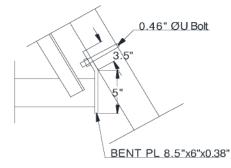
# **CONNECTION "1"**



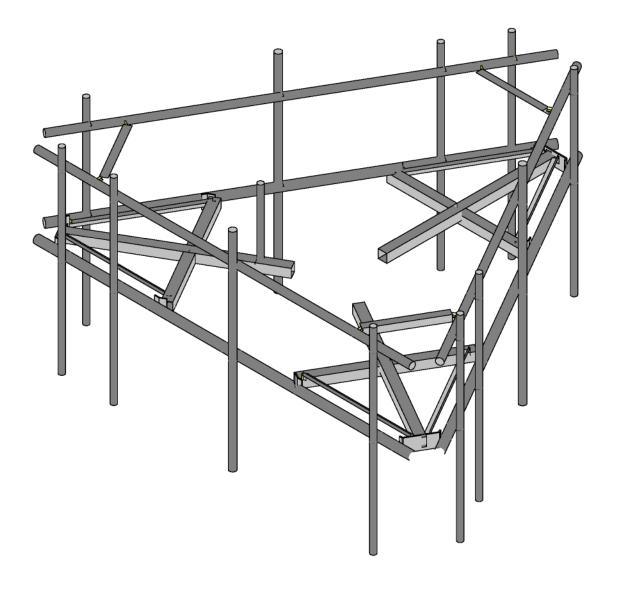
## CONNECTION "2"



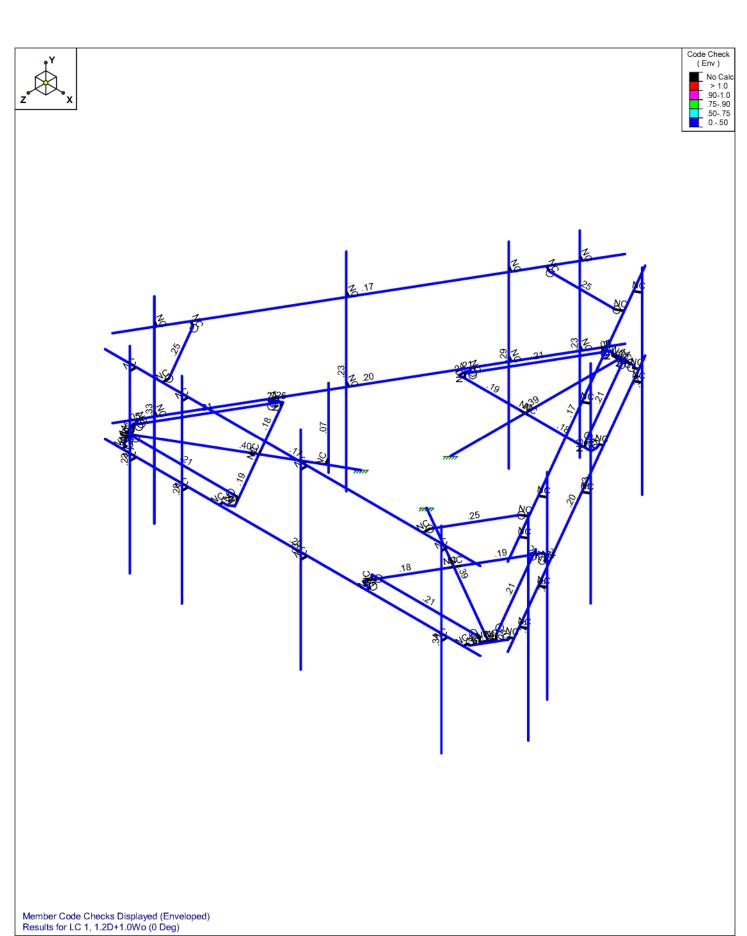
# **CONNECTION "3"**



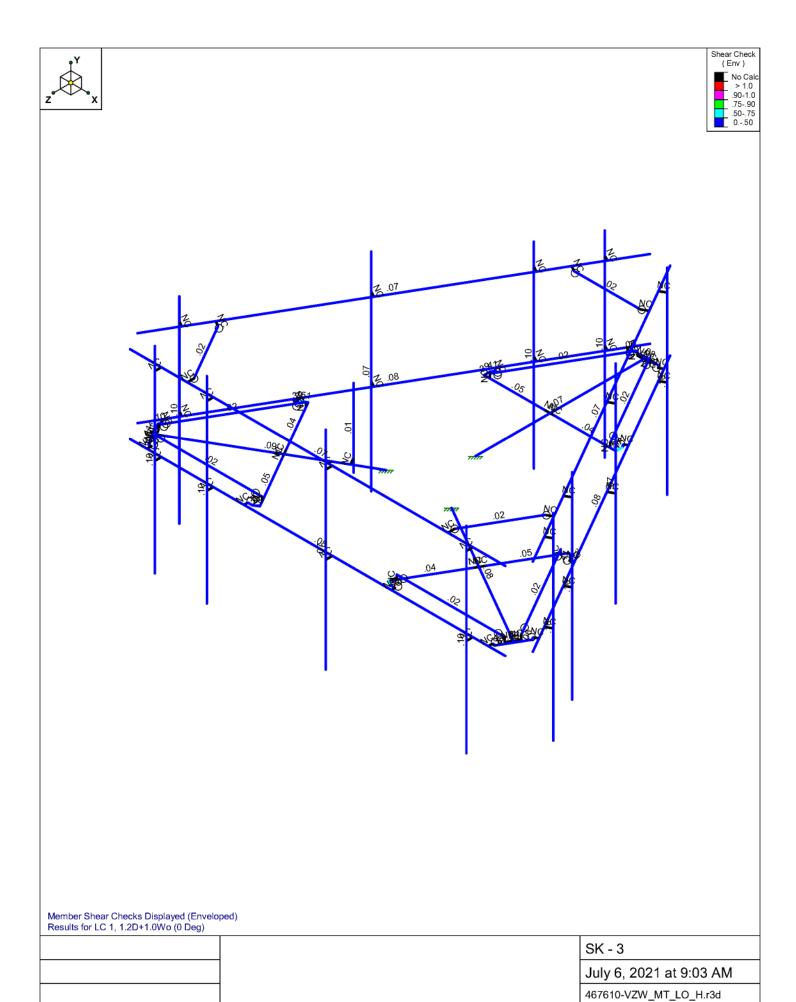




	SK - 1
	July 6, 2021 at 9:03 AM
	467610-VZW_MT_LO_H.r3d



SK - 2
July 6, 2021 at 9:03 AM
467610-VZW\_MT\_LO\_H.r3d



# **Basic Load Cases**

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed	Area(Me	Surface(P
1	Antenna D	None					93			
2	Antenna Di	None					93			
3	Antenna Wo (0 Deg)	None					93			
4	Antenna Wo (30 Deg)	None					93			
5	Antenna Wo (60 Deg)	None					93			
6	Antenna Wo (90 Deg)	None					93			
7	Antenna Wo (120 Deg)	None					93			
8	Antenna Wo (150 Deg)	None					93			
9	Antenna Wo (180 Deg)	None					93			
10	Antenna Wo (210 Deg)	None					93			
11	Antenna Wo (240 Deg)	None					93			
	Antenna Wo (270 Deg)	None					93			
	Antenna Wo (300 Deg)	None					93			
	Antenna Wo (330 Deg)	None					93			
15	Antenna Wi (0 Deg)	None	1				93			
16	Antenna Wi (30 Deg)	None					93			
17	Antenna Wi (60 Deg)	None					93			
18	Antenna Wi (90 Deg)	None					93			
19	Antenna Wi (120 Deg)	None					93			
20	Antenna Wi (150 Deg)	None					93			
21	Antenna Wi (180 Deg)	None					93			
22	Antenna Wi (210 Deg)	None					93			
	Antenna Wi (240 Deg)									
23	Antenna Wi (270 Deg)	None					93			
24	Antenna Wi (300 Deg)	None	_				93			
25	, ,,,	None					93			
26	Antenna Wi (330 Deg)	None					93			
27	Antenna Wm (0 Deg)	None					93			$\vdash$
28	Antenna Wm (30 Deg)	None					93			
	Antenna Wm (60 Deg)	None					93			
	Antenna Wm (90 Deg)	None					93			
	Antenna Wm (120 Deg)	None					93			$\perp$
	Antenna Wm (150 Deg)	None					93			
	Antenna Wm (180 Deg)	None					93			
	Antenna Wm (210 Deg)	None					93			
	Antenna Wm (240 Deg)	None					93			
36	Antenna Wm (270 Deg)	None					93			
37	Antenna Wm (300 Deg)	None					93			
38	Antenna Wm (330 Deg)	None					93			
39	Structure D	None		-1					3	
40	Structure Di	None						58	3	
41	Structure Wo (0 Deg)	None						116		
	Structure Wo (30 Deg)	None						116		
	Structure Wo (60 Deg)	None						116		
	Structure Wo (90 Deg)	None						116		
	Structure Wo (120 D	None						116		
	Structure Wo (150 D	None						116		
	Structure Wo (180 D	None						116		
	Structure Wo (210 D	None						116		
	Structure Wo (240 D	None						116		
	Structure Wo (270 D	None						116		
51	Structure Wo (300 D	None						116		
52	Structure Wo (330 D									
53	Structure Wi (0 Deg)	None						116		
	Structure Wi (30 Deg)	None						116		
	Structure Wi (60 Deg)	None						116		
		None	_					116		
56	Structure Wi (90 Deg)	None						116		



## Basic Load Cases (Continued)

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed	Area(Me	Surface(P
57	Structure Wi (120 De	None						116		·
58	Structure Wi (150 De	None						116		
59	Structure Wi (180 De	None						116		
60	Structure Wi (210 De	None	71			T =		116		
61	Structure Wi (240 De	None						116		
62	Structure Wi (270 De	None						116		
63	Structure Wi (300 De	None						116		
64	Structure Wi (330 De	None						116		
65	Structure Wm (0 Deg)	None						116		
66	Structure Wm (30 De	None						116		
67	Structure Wm (60 De	None						116		
68	Structure Wm (90 De	None						116		
69	Structure Wm (120 D	None						116		
70	Structure Wm (150 D	None						116		
71	Structure Wm (180 D	None						116		
72	Structure Wm (210 D	None						116		
73	Structure Wm (240 D	None						116		
74	Structure Wm (270 D	None						116		
75	Structure Wm (300 D	None						116		
76	Structure Wm (330 D	None						116		
77	Lm1	None					1			
78	Lm2	None					1			
79	Lv1	None					1			
80	Lv2	None					1			
81	BLC 39 Transient Are	None						30		
82	BLC 40 Transient Are	None						30		

## **Load Combinations**

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

## Load Combinations (Continued)

	Description	Solve	P S	B.	Fa	B	Fa	aE	3 F	-a	В	Fa	В	Fa	В	Fa	В	Fa	.В	Fa	В	Fa	В	Fa
27	1.2D + 1.5Lm1 + 1.0Wm (60	Yes	Y	1	1.3	2 3	9 1.	.2 7	77	1.5	29	1	67	1										
28	1.2D + 1.5Lm1 + 1.0Wm (90	Yes	Y	1	1.	2 3	9 1.	.2 7	77	1.5	30	1	68	1										
29	1.2D + 1.5Lm1 + 1.0Wm (12	Yes	Y	1	1.	2 3	9 1.	.2 7	77	1.5	31	1	69	1										
30	1.2D + 1.5Lm1 + 1.0Wm (15	Yes	Υ	1	1.	2 3	9 1.	.2 7	77	1.5	32	1	70	1										
31	1.2D + 1.5Lm1 + 1.0Wm (18	Yes	Υ	1	1.	2 3	9 1.	.2	77	1.5	33	1	71	1										
32	1.2D + 1.5Lm1 + 1.0Wm (21	Yes	Υ	1	1.:	2 3	9 1.	.2 7	77	1.5	34	1	72	1										
33	1.2D + 1.5Lm1 + 1.0Wm (24	Yes	Υ	1	1.:	2 3	9 1.	.2	77	1.5	35	1	73	1										
34	1.2D + 1.5Lm1 + 1.0Wm (27	Yes	Υ	1	1.3	2 3	9 1.	.2	77 '	1.5	36	1	74	1										
35	1.2D + 1.5Lm1 + 1.0Wm (30	Yes	Υ	1	1.:	2 3	9 1.	.2	77 ·	1.5	37	1	75	1										
36	1.2D + 1.5Lm1 + 1.0Wm (33	Yes	Υ	1	1.3	2 3	9 1.	.2 7	77	1.5	38	1	76	1										
37	1.2D + 1.5Lm2 + 1.0Wm (0	Yes	Υ	1	1.:	2 3	9 1.	.2	78 ·	1.5	27	1	65	1										
38	1.2D + 1.5Lm2 + 1.0Wm (30	Yes	Υ	1	1.3	2 3	9 1.	.2 7	78 °	1.5	28	1	66	1										
39	1.2D + 1.5Lm2 + 1.0Wm (60	Yes	Υ	1			9 1.					1	67	1										
40	1.2D + 1.5Lm2 + 1.0Wm (90	Yes	Υ	1	1.3	2 3	9 1.	.2 7	78 °	1.5	30	1	68	1										
41	1.2D + 1.5Lm2 + 1.0Wm (12	Yes	Υ	1	1.:	2 3	9 1.	.2	78 °	1.5	31	1	69	1										
42	1.2D + 1.5Lm2 + 1.0Wm (15	Yes	Υ	1	1.:	2 3	9 1.	.2 7	78 °	1.5	32	1	70	1										
43	1.2D + 1.5Lm2 + 1.0Wm (18	Yes	Υ	1	1.:		9 1.					1	71	1										
44	1.2D + 1.5Lm2 + 1.0Wm (21	Yes	Υ	1	1.3	2 3	9 1.	.2 7	78 °	1.5	34	1	72	1										
45	1.2D + 1.5Lm2 + 1.0Wm (24	Yes	Υ	1	1.3	2 3	9 1.	.2	78 ·	1.5	35	1	73	1										
46	1.2D + 1.5Lm2 + 1.0Wm (27	Yes	Υ	1	1.:		9 1.					1	74	1										
47	1.2D + 1.5Lm2 + 1.0Wm (30	Yes	Υ	1	1.3	2 3	9 1.	.2	78 °	1.5	37	1	75	1										
48	1.2D + 1.5Lm2 + 1.0Wm (33	Yes	Υ	1	1.:	2 3	9 1.	.2	78 °	1.5	38	1	76	1										
49	1.2D + 1.5Lv1	Yes	Υ	1	1.3	2 3	9 1.	.2	79 ·	1.5														
50	1.2D + 1.5Lv2	Yes	Υ	1	1.:	2 3	9 1.	.2 8	80	1.5														
51	1.4D	Yes	Υ	1	_		9 1.	.4					П											
52	Seismic Mass		Y	1	1		9 ′	1																
53	1.2D + 1.0Ev + 1.0Eh (0 Deg)		Y	1	1.:	2 3	9 1.	.2	SX		SY	1	SZ	-1										
54	1.2D + 1.0Ev + 1.0Eh (30 D		Υ	1	1.:	2 3	9 1.	.2	SX	.5	SY	1	SZ	8										
55	1.2D + 1.0Ev + 1.0Eh (60 D		Υ	1		2 3	9 1.	.2	SX .	866	SY	1	SZ	5										
56	1.2D + 1.0Ev + 1.0Eh (90 D		Υ	1	1.:		9 1.				SY	1	SZ											
57	1.2D + 1.0Ev + 1.0Eh (120		Υ	1	1.	2 3	9 1	.2 5	SX .	866	SY	1	SZ	.5										
58	1.2D + 1.0Ev + 1.0Eh (150		Υ	1			9 1.					1		.866										
59	1.2D + 1.0Ev + 1.0Eh (180		Υ	1			9 1.				SY	1	SZ	1										
60	1.2D + 1.0Ev + 1.0Eh (210		Υ	1			9 1.		SX .	5	SY	1	SZ	.866										
61	1.2D + 1.0Ev + 1.0Eh (240		Υ	1	1.		9 1					1	SZ	.5										
62	1.2D + 1.0Ev + 1.0Eh (270		Υ	1			9 1					1	SZ											
63	1.2D + 1.0Ev + 1.0Eh (300		Y	1	_		9 1.					1		5										
64	1.2D + 1.0Ev + 1.0Eh (330		Υ	1			9 1.					1		8										

## Joint Coordinates and Temperatures

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap
1	N3	-0.	0	-1.458333	0	·
2	N5	-2.541667	0	-4.333333	0	
3	N6	2.315104	0.166667	-4.333333	0	
4	N7	-2.315104	0.166667	-4.333333	0	
5	N24	-0.	0	-4.333333	0	
6	N27	-0.	0	-8.020833	0	
7	CP	0	0	0	0	
8	N29	2.315104	0	-4.333333	0	
9	N30	-2.315104	0	-4.333333	0	
10	N101	2.541667	0	-4.333333	0	
11	N102	-0.166667	0	-4.333333	0	
12	N103A	0.166667	0	-4.333333	0	
13	N104A	-2.541667	0	-4.552083	0	
14	N105	2.541667	0	-4.552083	0	

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap
15	N131	2.458333	0	-4.696421	0	
16	N135	0.571615	0	-7.923857	0	
17	N144	-2.458333	0	-4.696421	0	
18	N148	-0.571615	0	-7.923857	0	
19	N86A	2.584629	0	-4.769338	0	
20	N86B	-2.584629	0	-4.769338	0	
21	N86C	-0.515625	0	-8.020833	0	
22	N87A	0.515625	0	-8.020833	0	
23	N86D	0.715429	0	-8.006888	0	
24	N86E	-0.715429	0	-8.006888	0	
25	N88A	-0.	0	-7.9375	0	
26	N87C	0.234238	0.166667	-7.9375	0	
27	N86G	0.234238	0	-7.9375	0	
28	N87B	-0.234238	0.166667	-7.9375	0	
29	N88C	-0.234238	0	-7.9375	0	
30	N30A	-1.262954	0	0.729167	0	
31	N31	-2.481943	0	4.367815	0	
32	N32	-4.910329	0.166667	0.161728	0	
33	N33	-2.595225	0.166667	4.171606	0	
34	N34	-3.752777	0	2.166667	0	
35	N35	-6.946245	0	4.010417	0	
36	N37	-4.910329	0	0.161728	0	
37	N38	-2.595225	0	4.171606	0	
38	N39	-5.02361	0	-0.034481	0	
39	N40 N41	-3.669443	0	2.311004	0	
40		-3.83611		2.022329		
41	N42	-2.671386	0	4.47719	0	
42	N43	-5.213053	0	0.074894	0	
43	N44	-5.296386	0	0.219231	0	
44 45	N45 N46	-7.148068 -2.838053	0	3.466896 4.47719	0	
46 47	N47 N48	-6.576454 -5.422682	0	4.456961	0	
48	N49	-2.838053	0	0.146315 4.623023	0	
49	N50	-6.688433	0	4.456961	0	
50	N51	-7.204058	0	3.563872	0	
51	N52	-7.291882	0	3.383864	0	
52	N53	-6.576454	0	4.623023	0	
53	N54	-6.874077	0	3.96875	0	
54	N55	-6.991195	0.166667	3.765894	0	
55	N56	-6.991195	0.100007	3.765894	0	
56	N57	-6.756958	0.166667	4.171606	0	
57	N58	-6.756958	0.100007	4.171606	0	
58	N59	1.262954	0	0.729167	0	
59	N60	5.02361	0	-0.034481	0	
60	N61	2.595225	0.166667	4.171606	0	
61	N62	4.910329	0.166667	0.161728	0	
62	N63	3.752777	0	2.166667	0	
63	N64	6.946245	0	4.010417	0	
64	N66	2.595225	0	4.171606	0	
65	N67	4.910329	0	0.161728	0	
66	N68	2.481943	0	4.367815	0	
67	N69	3.83611	0	2.022329	0	
68	N70	3.669443	0	2.311004	0	
69	N71	5.213053	0	0.074894	0	
70	N72	2.671386	0	4.47719	0	
71	N73	2.838053	0	4.47719	0	

	Coordinates and Ten					
	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap
72	N74	6.576454	0	4.456961	0	
73	N75	5.296386	0	0.219231	0	
74	N76	7.148068	0	3.466896	0	
75	N77	2.838053	0	4.623023	0	
76	N78	5.422682	0	0.146314	0	
77	N79	7.204058	0	3.563872	0	
78	N80	6.688433	0	4.456961	0	
79	N81	6.576454	0	4.623023	0	
80	N82	7.291882	0	3.383864	0	
81	N83	6.874077	0	3.96875	0	
82		6.756958	0.166667			
	N84			4.171606	0	
83	N85	6.756958	0	4.171606	0	
84	N86	6.991195	0.166667	3.765894	0	
85	N87	6.991195	0	3.765894	0	
86	N86F	0.	0	4.623023	0	
87	N87D	7.229167	0	4.623023	0	
88	N88	-7.229167	0	4.623023	0	
89	N90	0.389072	0	-8.572154	0	
90	N91	7.618239	0	3.94913	0	
91	N93	-7.618239	0	3.94913	0	
92	N94	-0.389072	0	-8.572154	0	
93	N93A	5.979167	0	4.623023	0	
94	N94A	5.979167	Ö	4.873023	0	
95	N95	5.979167	3.833333	4.873023	0	
96	N96	5.979167	-3.75	4.873023	0	
97	N97	0.5625	0	4.623023	0	
98	N98	0.5625	0	4.873023	0	
99	N99	0.5625	4.333333	4.873023	0	
100	N100	0.5625	-3.666667	4.873023	0	
101	N101A	-4.020833	0	4.623023	0	
102	N102A	-4.020833	0	4.873023	0	
103	N103	-4.020833	3.833333	4.873023	0	
104	N104	-4.020833	-3.75	4.873023	0	
105	N105A	-6.020833	0	4.623023	0	
106	N106	-6.020833	0	4.873023	0	
107	N107	-6.020833	3.833333	4.873023	0	
108	N108	-6.020833	-3.75	4.873023	0	
109	N109	-2.128979	0	1.229167	0	
110	N110	-2.295646	0	0.940492	0	
111	N111	-2.295646	5	0.940492	0	
112	N112	-2.295646	2.5	0.940492	0	
113	N114	1.014072	0	-7.489622	0	
114	N115	1.230579	0	-7.614622	0	
115	N116	1.230579	3.833333	-7.614622 -7.614622	0	
116	N117		-3.75		0	
		1.230579		-7.614622		
117	N118	3.722406	0	-2.798651	0	
118	N119	3.938912	0	-2.923651	0	
119	N120	3.938912	4.333333	-2.923651	0	
120	N121	3.938912	-3.666667	-2.923651	0	
121	N122	6.014072	0	1.170632	0	
122	N123	6.230579	0	1.045632	0	
123	N124	6.230579	3.833333	1.045632	0	
124	N125	6.230579	-3.75	1.045632	0	
125	N126	7.014072	0	2.902683	0	
126	N127	7.230579	0	2.777683	0	
127	N128	7.230579	3.833333	2.777683	0	
128	N129	7.230579	-3.75	2.777683	0	
0	11.20		0.10			

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap
129	N131A	-6.993239	0	2.866599	0	
130	N132	-7.209745	0	2.741599	0	
131	N133	-7.209745	3.833333	2.741599	0	
132	N134	-7.209745	-3.75	2.741599	0	
133	N135A	-4.284906	0	-1.824372	0	
134	N136	-4.501412	0	-1.949372	0	
135	N137	-4.501412	4.333333	-1.949372	0	
136	N138	-4.501412	-3.666667	-1.949372	0	
137	N139	-1.993239	0	-5.793655	0	
138	N140	-2.209745	0	-5.918655	0	
139	N141	-2.209745	3.833333	-5.918655	0	
140	N142	-2.209745	-3.75	-5.918655	0	
141	N143	-0.993239	0	-7.525706	0	
142	N144A	-1.209745	0	-7.650706	0	
143	N145	-1.209745	3.833333	-7.650706	0	
144	N146	-1.209745	-3.75	-7.650706	0	
145	N145A	-7.618239	3	3.94913	0	
146	N146A	-0.389072	3	-8.572154	0	
147	N147	-7.209745	3	2.741599	0	
148	N148A	-4.284906	3	-1.824372	0	
149	N149	-4.501412	3	-1.949372	0	
150	N150	-1.993239	3	-5.793655	0	
151	N151	-2.209745	3	-5.918655	0	
152	N152	-0.993239	3	-7.525706	0	
153	N153	-1.209745	3	-7.650706	0	
154	N154	-6.993239	3	2.866599	0	
155	N158	7.229167	3	4.623023	0	
156	N159	-7.229167	3	4.623023	0	
157	N160	5.979167	3	4.873023	0	
158	N161	0.5625	3	4.623023	0	
159	N162	0.5625	3	4.873023	0	
160	N163	-4.020833	3	4.623023	0	
161	N164	-4.020833	3	4.873023	0	
162	N165	-6.020833	3	4.623023	0	
163 164	N166 N167	-6.020833 5.979167	3	4.873023 4.623023	0	
165	N171	0.389072		-8.572154	0	
166	N172		3 3		0	
167	N173	7.618239 1.230579	3	3.94913 -7.614622	0	
168	N174	3.722406	3	-2.798651	0	
169	N175	3.938912	3	-2.923651	0	
170	N176	6.014072	3	1.170632	0	
171	N177	6.230579	3	1.045632	0	
172	N178	7.014072	3	2.902683	0	
173	N179	7.230579	3	2.777683	0	
174	N180	1.014072	3	-7.489622	0	
175	N175A	-5.020833	3	4.373023	0	
176	N176A	-5.020833	3	4.623023	0	
177	N177A	5.020833	3	4.373023	0	
178	N177A N178A	5.020833	3	4.623023	0	
179	N180A	6.297566	3	2.161658	0	
180	N181	6.514072	3	2.036658	0	
181	N182	1.276733	3	-6.534681	0	
182	N183	1.493239	3	-6.659681	0	
183	N185	-1.276733	3	-6.534681	0	
184	N186	-1.493239	3	-6.659681	0	
185	N187	-6.297566	3	2.161658	0	
100	INTOI	-0.231300	<u> </u>	2.101000		



	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap
186	N188	-6.514072	3	2.036658	0	

#### Hot Rolled Steel Section Sets

	Label	Shape	Type	Design List	Material	Design	A [in2]	lyy [in4]	Izz [in4]	J [in4]
1	Face Horizontal	PIPE 3.0	Beam	Pipe	A53 Gr.B	Typical	2.07	2.85	2.85	5.69
2	Standoff Horizontal	HSS4X4X4	Beam	SquareTube	A500 Gr.B Re	Typical	3.37	7.8	7.8	12.8
3	Corner Plate	PL1/2x6	Beam	BAR	A36 Gr.36	Typical	3	.063	9	.237
4	Platform Crossmem	HSS4X4X4	Beam	SquareTube	A500 Gr.B Re	Typical	3.37	7.8	7.8	12.8
5	Grating Support	L2x1.5x3	Beam	Single Angle	A36 Gr.36	Typical	.621	.12	.248	.007
6	Mount Pipe	PIPE 2.0	Column	Pipe	A53 Gr.B	Typical	1.02	.627	.627	1.25
7	Cross Arm Plate	PL3/8x6	Column	RECT	A36 Gr.36	Typical	2.25	.026	6.75	.101
8	Dual Antenna Moun	PIPE 2.5	Column	Pipe	A53 Gr.B	Typical	1.61	1.45	1.45	2.89
9	Support Rail	PIPE 2.5	Column	Pipe	A53 Gr.B	Typical	1.61	1.45	1.45	2.89
10	Support Rail Angle	L3X3X4	Column	Pipe	A36 Gr.36	Typical	1.44	1.23	1.23	.031

#### **Hot Rolled Steel Properties**

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

#### Member Primary Data

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
1	M4	N3	N27			Standoff Horiz	Beam	SquareTube		Typical
2	M10	N101	N103A			Platform Cross	Beam	SquareTube	A500 Gr.B	Typical
3	M43	N102	N5			Platform Cross	Beam	SquareTube	A500 Gr.B	Typical
4	M46	N86C	N87A			Corner Plate	Beam	BAR	A36 Gr.36	Typical
5	M35A	N7	N30			RIGID	None	None	RIGID	Typical
6	M36A	N6	N29			RIGID	None	None	RIGID	Typical
7	M51B	N6	N87C		270	<b>Grating Support</b>	Beam	Single Angle	A36 Gr.36	Typical
8	M52B	N87B	N7		270	<b>Grating Support</b>	Beam	Single Angle	A36 Gr.36	Typical
9	M52	N87B	N88C			RIGID	None	None	RIGID	Typical
10	M58	N102	N24			RIGID	None	None	RIGID	Typical
11	M59	N24	N103A			RIGID	None	None	RIGID	Typical
12	M76	N101	N105			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
13	M77	N105	N131			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
14	M79	N131	N86A			RIGID	None	None	RIGID	Typical
15	M80	N87A	N135			Corner Plate	Beam	BAR	A36 Gr.36	Typical
16	M83	N135	N86D			RIGID	None	None	RIGID	Typical
17	M84	N5	N104A			Cross Arm Plate			A36 Gr.36	Typical
18	M85	N104A	N144			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
19	M88	N144	N86B			RIGID	None	None	RIGID	Typical
20	M91	N86C	N148			Corner Plate	Beam	BAR	A36 Gr.36	Typical
21	M92	N148	N86E			RIGID	None	None	RIGID	Typical
22	M50	N88C	N88A			RIGID	None	None	RIGID	Typical
23	M51	N88A	N86G			RIGID	None	None	RIGID	Typical
24	M51A	N87C	N86G			RIGID	None	None	RIGID	Typical

## Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
25	M25	N30A	N35			Standoff Horiz	Beam	SquareTube		Typical
26	M26	N39	N41			Platform Cross	Beam	SquareTube		Typical
27	M27	N40	N31			Platform Cross	Beam	SquareTube	A500 Gr.B	Typical
28	M28	N50	N51			Corner Plate	Beam	BAR	A36 Gr.36	Typical
29	M29	N33	N38			RIGID	None	None	RIGID	Typical
30	M30	N32	N37			RIGID	None	None	RIGID	Typical
31	M31	N32	N55		270	Grating Support	Beam	Single Angle		Typical
32	M32	N57	N33		270	Grating Support	Beam	Single Angle		Typical
33	M33	N57	N58			RIGID	None	None	RIGID	Typical
34	M34	N40	N34			RIGID	None	None	RIGID	Typical
35	M35	N34	N41			RIGID	None	None	RIGID	Typical
36	M36	N39	N43			Cross Arm Plate		RECT	A36 Gr.36	Typical
37	M37	N43	N44			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
38	M38	N44	N48			RIGID	None	None	RIGID	Typical
39	M39	N51	N45			Corner Plate	Beam	BAR	A36 Gr.36	Typical
40	M40	N45	N52			RIGID	None	None	RIGID	Typical
41	M41	N31	N42			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
42	M42	N42	N46			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
43	M43A	N46	N49			RIGID	None	None	RIGID	Typical
44	M44	N50	N47			Corner Plate	Beam	BAR	A36 Gr.36	Typical
45	M45	N47	N53			RIGID	None	None	RIGID	Typical
46	M46A	N58	N54			RIGID	None	None	RIGID	Typical
47	M47	N54	N56			RIGID	None	None	RIGID	Typical
48	M48	N55	N56			RIGID	None	None	RIGID	Typical
49	M49	N59	N64			Standoff Horiz	Beam	SquareTube	A500 Gr.B	Typical
50	M50A	N68	N70			Platform Cross	Beam	SquareTube	A500 Gr.B	Typical
51	M51C	N69	N60			Platform Cross	Beam	SquareTube		Typical
52	M52A	N79	N80			Corner Plate	Beam	BAR	A36 Gr.36	Typical
53	M53	N62	N67			RIGID	None	None	RIGID	Typical
54	M54	N61	N66			RIGID	None	None	RIGID	Typical
55	M55	N61	N84		270	Grating Support	Beam	Single Angle	A36 Gr.36	Typical
56	M56	N86	N62		270	<b>Grating Support</b>	Beam	Single Angle		Typical
57	M57	N86	N87			RIGID	None	None	RIGID	Typical
58	M58A	N69	N63			RIGID	None	None	RIGID	Typical
59	M59A	N63	N70			RIGID	None	None	RIGID	Typical
60	M60	N68	N72			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
61	M61	N72	N73			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
62	M62	N73	N77			RIGID	None	None	RIGID	Typical
63	M63	N80	N74			Corner Plate	Beam	BAR	A36 Gr.36	Typical
64	M64	N74	N81			RIGID	None	None	RIGID	Typical
65	M65	N60	N71			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
66	M66	N71	N75			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
67	M67	N75	N78			RIGID	None	None	RIGID	Typical
68	M68	N79	N76			Corner Plate	Beam	BAR	A36 Gr.36	Typical
69	M69	N76	N82			RIGID	None	None	RIGID	Typical
70	M70	N87	N83			RIGID	None	None	RIGID	Typical
71	M71	N83	N85			RIGID	None	None	RIGID	Typical
72	M72	N84	N85			RIGID	None	None	RIGID	Typical
73	M73	N88	N87D			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
74	M74	N91	N90			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
75	M75	N94	N93			Face Horizontal	Beam	Pipe	A53 Gr.B	
76	M76A	N93A	N94A			RIGID	None	None	RIGID	Typical
77	MP1A	N95	N96			Mount Pipe	Column		A53 Gr.B	
78	M78	N97	N98			RIGID	None	None	RIGID	Typical
79	MP2A	N99	N100			Dual Antenna	Column		A53 Gr.B	Typical
80	M80A	N101A	N102A			RIGID	None	None	RIGID	Typical
81	MP3A	N103	N104				Column		A53 Gr.B	

## Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
82	M82	N105A	N106			RIGID	None	None	RIGID	Typical
83	MP4A	N107	N108			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
84	M84A	N109	N110			RIGID	None	None	RIGID	Typical
85	M85A	N112	N111			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
86	M86	N114	N115			RIGID	None	None	RIGID	Typical
87	MP1C	N116	N117			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
88	M88A	N118	N119			RIGID	None	None	RIGID	Typical
89	MP2C	N120	N121			Dual Antenna	Column	Pipe	A53 Gr.B	Typical
90	M90	N122	N123			RIGID	None	None	RIGID	Typical
91	MP3C	N124	N125			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
92	M92A	N126	N127			RIGID	None	None	RIGID	Typical
93	MP4C	N128	N129			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
94	M94	N131A	N132			RIGID	None	None	RIGID	Typical
95	MP1B	N133	N134			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
96	M96	N135A	N136			RIGID	None	None	RIGID	Typical
97	MP2B	N137	N138			Dual Antenna	Column	Pipe	A53 Gr.B	Typical
98	M98	N139	N140			RIGID	None	None	RIGID	Typical
99	MP3B	N141	N142			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
100	M100	N143	N144A			RIGID	None	None	RIGID	Typical
101	MP4B	N145	N146			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
102	M102	N146A	N145A			Support Rail		Pipe	A53 Gr.B	
103	M103	N148A	N149			RIGID	None	None	RIGID	Typical
104	M104	N150	N151			RIGID	None	None	RIGID	Typical
105	M105	N152	N153			RIGID	None	None	RIGID	Typical
106	M106	N154	N147			RIGID	None	None	RIGID	Typical
107	M107	N93A	N94A			RIGID	None	None	RIGID	Typical
108	M108	N159	N158			Support Rail		Pipe	A53 Gr.B	Typical
109	M109	N161	N162			RIGID	None	None	RIGID	Typical
110	M110	N163	N164			RIGID	None	None	RIGID	Typical
111	M111	N165	N166			RIGID	None	None	RIGID	Typical
112	M112	N167	N160			RIGID	None	None	RIGID	Typical
113	M113	N114	N115			RIGID	None	None	RIGID	Typical
114	M114	N172	N171			Support Rail		Pipe	A53 Gr.B	Typical
115	M115	N174	N175			RIGID	None	None	RIGID	Typical
116	M116	N176	N177			RIGID	None	None	RIGID	Typical
117	M117	N178	N179			RIGID	None	None	RIGID	Typical
118	M118	N180	N173			RIGID	None	None	RIGID	Typical
119	M119	N175A	N176A			RIGID	None	None	RIGID	Typical
120	M120	N177A	N178A			RIGID	None	None	RIGID	Typical
121	M121	N180A	N181			RIGID	None	None	RIGID	Typical
122	M122	N182	N183			RIGID	None	None	RIGID	Typical
123	M123	N185	N186			RIGID	None	None	RIGID	Typical
124	M124	N187	N188			RIGID	None	None	RIGID	Typical
125	M125	N187	N175A		180	Support Rail A	Column	Pipe	A36 Gr.36	Typical
126	M126	N177A	N180A		180	Support Rail A	Column	Pipe	A36 Gr.36	Typical
127	M127	N182	N185		180	Support Rail A	Column	Pipe	A36 Gr.36	Typical

#### Hot Rolled Steel Design Parameters

	Label	Shape	Length[ft]	Lbyy[ft]	Lbzz[ft]	Lcomp top[ft]	Lcomp bot[ft]	L-torqu	Kyy	Kzz	Cb	Function
1	M4	Standoff Ho	6.563			Lbyy		,				Lateral
2	M10	Platform Cr	2.375			Lbyy						Lateral
3	M43	Platform Cr	2.375			Lbvv						Lateral
4	M46	Corner Plate	1.031			Lbyy						Lateral
5	M51B	Grating Sup	4.162			Lbyy						Lateral
6	M52B	Grating Sup	4.162			Lbyy						Lateral

## Hot Rolled Steel Design Parameters (Continued)

	Label	Shape	Length[ft]	Lbyy[ft]	Lbzz[ft]	Lcomp top[ft]	Lcomp bot[ft]	L-torqu	. Куу	Kzz	Cb	Function
7	M76	Cross Arm	.219									Lateral
8	M77	Cross Arm	.167									Lateral
9	M80	Corner Plate	.112			Lbyy						Lateral
10	M84	Cross Arm	.219									Lateral
11	<u>M85</u>	Cross Arm	.167									Lateral
12	M91	Corner Plate	.112			Lbyy						Lateral
13	M25	Standoff Ho	6.563			Lbyy						Lateral
14	M26	Platform Cr	2.375			Lbyy						Lateral
15	M27	Platform Cr	2.375			Lbyy						Lateral
16	M28	Corner Plate	1.031			Lbyy						Lateral
17	<u>M31</u>	Grating Sup	4.162			Lbyy						Lateral
18	M32	Grating Sup				Lbyy						Lateral
19	<u>M36</u>	Cross Arm	.219									Lateral
20	M37	Cross Arm	.167									Lateral
21	M39	Corner Plate	.112			Lbyy						Lateral
22	M41	Cross Arm	.219									Lateral
23	M42	Cross Arm	.167									Lateral
24	M44	Corner Plate	.112			Lbyy						Lateral
25	M49	Standoff Ho	6.563			Lbyy						Lateral
26	M50A	Platform Cr	2.375			Lbyy						Lateral
27	M51C	Platform Cr	2.375			Lbyy						Lateral
28	M52A	Corner Plate	1.031			Lbyy						Lateral
29	M55	Grating Sup	4.162			Lbyy						Lateral
30	M56	Grating Sup	4.162			Lbyy						Lateral
31	M60	Cross Arm	.219									Lateral
32	M61	Cross Arm	.167									Lateral
33	M63	Corner Plate	.112			Lbyy						Lateral
34	M65	Cross Arm	.219									Lateral
35	M66	Cross Arm	.167									Lateral
36	M68	Corner Plate	.112			Lbyy						Lateral
37	M73	Face Horizo	14.458			Lbyy						Lateral
38	M74	Face Horizo	14.458			Lbyy						Lateral
39	M75	Face Horizo	14.458			Lbyy						Lateral
40	MP1A	Mount Pipe	7.583									Lateral
41	MP2A	Dual Antenn	. 8									Lateral
42	MP3A	Mount Pipe	7.583									Lateral
43	MP4A	Mount Pipe	7.583									Lateral
44	M85A	Mount Pipe	3									Lateral
45	MP1C	Mount Pipe	7.583									Lateral
46	MP2C	Dual Antenn	. 8									Lateral
47	MP3C	Mount Pipe	7.583									Lateral
48	MP4C	Mount Pipe	7.583									Lateral
49	MP1B	Mount Pipe	7.583									Lateral
50	MP2B	Dual Antenn	. 8									Lateral
51	MP3B	Mount Pipe	7.583									Lateral
52	MP4B	Mount Pipe	7.583									Lateral
53	M102	Support Rail				Lbyy						Lateral
54	M108	Support Rail				Lbyy						Lateral
55	M114	Support Rail				Lbyy						Lateral
56	M125	Support Rail										Lateral
57	M126	Support Rail	2.553									Lateral
58	M127	Support Rail	2.553									Lateral

# Member Point Loads (BLC 1 : Antenna D)

1         MP2A         Y         -258         1           2         MP2A         My         .015         1           4         MP2A         Mz         .015         1           4         MP2A         Y         .258         5           5         MP2A         My         .013         5           6         MP2A         My         .013         5           6         MP2A         My         .007         5           7         MP2B         Y         .258         1           8         MP2B         Y         .258         1           9         MP2B         My         .007         1           9         MP2B         My         .007         5           11         MP2B         My         .007         5           12         MP2B         My         .007         5           12         MP2B         My         .007         5           12         MP2B         My         .001         5           13         MP2C         Y         .258         1           14         MP2C         My         .019         5 </th <th></th> <th>Member Label</th> <th>Direction</th> <th>Magnitude[lb,k-ft]</th> <th>Location[ft,%]</th>		Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
3					1
4         MP2A         Y         -25.8         5           5         MP2A         My         -013         5           6         MP2A         Mz         -015         5           7         MP2B         Y         -25.8         1           8         MP2B         My         -007         1           9         MP2B         My         -007         1           10         MP2B         My         -007         5           11         MP2B         My         -009         5           12         MP2B         My         -009         5           13         MP2C         Y         -25.8         1           13         MP2C         My         -019         5           13         MP2C         My         -019         5           14         MP2C         My         -019         5           15         MP2C         My         -019         5           16         MP2C         My         -019         5           17         MP2C         My         -019         5           18         MP2C         My         -019					1
5         MPZA         My        013         5           7         MPZB         Y        25.8         1           8         MPZB         Y        25.8         1           9         MPZB         My        007         1           10         MPZB         Y        25.8         5           11         MPZB         My        007         5           12         MPZB         MY        007         5           11         MPZB         MY        007         5           12         MPZB         MY        009         5           13         MPZC         MY        019         5           14         MPZC         MY        019         1           15         MPZC         MY					
6         MP2B         Y         258.8         1           8         MP2B         MY         -258.8         1           9         MP2B         My         -007         1           10         MP2B         My         -007         1           11         MP2B         My         -25.8         5           111         MP2B         My         -007         5           112         MP2B         My         -009         5           111         MP2B         My         -009         5           12         MP2B         My         -009         5           13         MP2C         My         .019         1           14         MP2C         My         .019         1           15         MP2C         Mz         .004         1           16         MP2C         Mz         .004         1           17         MP2C         My         .019         5           18         MP2C         My         .019         5           19         MP2A         Y         .25.8         1           20         MP2A         My         .013 </td <td></td> <td></td> <td></td> <td></td> <td></td>					
T					
8         MP2B         My        007         1           10         MP2B         My        019         1           10         MP2B         Y        25.8         5           11         MP2B         My        019         5           12         MP2B         My        019         5           13         MP2C         Y        25.8         1           14         MP2C         My         .019         1           15         MP2C         My         .019         1           16         MP2C         My         .019         5           17         MP2C         My         .019         5           18         MP2C         My         .019         5           19         MP2A         Y         .25.8         5           19         MP2A         Y         .25.8         1           20         MP2A         My         .013         1           21         MP2A         My         .013         1           22         MP2A         My         .013         5           23         MP2A         My         .013	6				5
9					1
10					
11					
12	10		<u> </u>		
13		MP2B	My		
14         MP2C         My         0.09         1           16         MP2C         Y         -25.8         5           17         MP2C         Y         -25.8         5           18         MP2C         My         .019         5           19         MP2A         Y         -25.8         1           20         MP2A         My         .013         1           21         MP2A         Y         -25.8         5           23         MP2A         Y         -25.8         5           23         MP2A         My         -015         5           24         MP2A         My         -015         5           25         MP2B         My         -019         1           26         MP2B         My         019         1           27         MP2B         My         -019         1           28         MP2B         My         -019					5
15         MP2C         Mz         .004         1           16         MP2C         Y         -25.8         5           17         MP2C         My         .019         5           18         MP2C         My         .004         5           19         MP2A         Y         -25.8         1           20         MP2A         Y         -25.8         1           20         MP2A         My         .013         1           21         MP2A         Mz         .015         1           22         MP2A         My         .013         5           24         MP2A         My         .013         5           24         MP2A         My         .013         5           24         MP2B         Y         .25.8         1           26         MP2B         My         .019         1           27         MP2B         My         .019         1           27         MP2B         My         .019         5           30         MP2B         My         .019         5           30         MP2B         My         .019					
16         MP2C         Y         -25.8         5           17         MP2C         MV         .019         5           18         MP2C         MZ         .004         5           19         MP2A         Y         .25.8         1           20         MP2A         MY         .015         1           21         MP2A         MY         .015         1           21         MP2A         MZ         .015         1           21         MP2A         MZ         .015         1           22         MP2A         MY         .25.8         5           23         MP2A         MY         .013         5           24         MP2A         MZ         .015         5           25         MP2B         Y         .25.8         1           26         MP2B         MY         .019         1           27         MP2B         MZ         .004         1           28         MP2B         MY         .25.8         5           30         MP2B         MY         .019         5           31         MP2C         Y         .25.8 <td></td> <td></td> <td>My</td> <td></td> <td>1</td>			My		1
17         MP2C         My         0.019         5           18         MP2C         Mz         .004         5           19         MP2A         Y         -25.8         1           20         MP2A         My         -013         1           21         MP2A         My         -015         1           22         MP2A         My         -013         5           23         MP2A         My         -013         5           24         MP2A         My         -015         5           24         MP2B         My         -019         1           25         MP2B         Y         -25.8         1           26         MP2B         My         .019         1           27         MP2B         My         .019         1           28         MP2B         My         .019         5           29         MP2B         My         .019         5           30         MP2B         My         .019         5           31         MP2C         Y         -25.8         1           32         MP2C         My         .007 <td>15</td> <td>MP2C</td> <td></td> <td>.004</td> <td></td>	15	MP2C		.004	
18         MP2C         Mz         .004         5           19         MP2A         Y         -25.8         1           20         MP2A         My         -013         1           21         MP2A         My         -016         1           22         MP2A         My         -015         1           22         MP2A         My         -013         5           24         MP2A         Mz         -015         5           24         MP2A         Mz         -015         5           25         MP2B         Y         -25.8         1           26         MP2B         My         .019         1           27         MP2B         Mz        004         1           28         MP2B         My         .019         5           30         MP2B         My         .019         5           31         MP2C         Y         -25.8         5           31         MP2C         Y         -25.8         1           32         MP2C         My         -007         1           33         MP2C         Mz         .019 <td>16</td> <td>MP2C</td> <td>Υ</td> <td>-25.8</td> <td></td>	16	MP2C	Υ	-25.8	
19         MP2A         Y         -25.8         1           20         MP2A         My         -013         1           21         MP2A         Mz         -015         1           22         MP2A         My         -013         5           23         MP2A         My         -015         5           24         MP2A         Mz         -015         5           24         MP2B         Mz         -015         5           25         MP2B         Y         -25.8         1           26         MP2B         My         .019         1           27         MP2B         My         .019         1           27         MP2B         Mz         -004         1           28         MP2B         Y         -25.8         5           30         MP2B         My         .019         5           30         MP2B         My         .019         5           30         MP2B         My         .004         5           31         MP2C         Y         -25.8         1           32         MP2C         My         .007			My		
20         MP2A         My        013         1           21         MP2A         Mz        015         1           22         MP2A         Y        25.8         5           23         MP2A         MV        013         5           24         MP2A         Mz        015         5           25         MP2B         Mz        015         5           26         MP2B         My         .019         1           27         MP2B         My         .019         1           27         MP2B         My         .019         1           28         MP2B         My         .019         1           29         MP2B         My         .019         5           30         MP2B         My         .019         5           31         MP2C         Y         -25.8         1           32         MP2C         My         .007         1           33         MP2C         My         .007         5           36         MP2C         My         .007         5           36         MP2C         My         .00		MP2C	Mz		5
21         MP2A         Y         -25.8         5           23         MP2A         Y         -25.8         5           24         MP2A         Mz         -,015         5           25         MP2B         Y         -25.8         1           26         MP2B         My         .019         1           26         MP2B         My         .019         1           27         MP2B         Mz         -,004         1           28         MP2B         Mz         -,004         1           28         MP2B         My         .019         5           30         MP2B         My         .019         5           30         MP2B         My         .0019         5           31         MP2C         Y         -25.8         1           32         MP2C         My         -,007         1         1           33         MP2C         My         -,007         1         1           34         MP2C         Y         -25.8         5         5           35         MP2C         My         -,007         5         3		MP2A	Υ	-25.8	1
22         MP2A         Y         -25.8         5           23         MP2A         My        013         5           24         MP2B         Mz        015         5           25         MP2B         Y        25.8         1           26         MP2B         My         .019         1           27         MP2B         My         .019         1           28         MP2B         Y        25.8         5           29         MP2B         My         .019         5           30         MP2B         My         .019         5           30         MP2B         Mz         .004         5           31         MP2C         Y        25.8         1         3           31         MP2C         My         .007         1         1           33         MP2C         Mz         .019         1         1           34         MP2C         Y        25.8         5         5           35         MP2C         Mz         .019         1         1           36         MP2C         Mz         .019         5	20	MP2A	My	013	1
23         MP2A         My        013         5           24         MP2B         Y        25.8         1           26         MP2B         My         .019         1           27         MP2B         My         .019         1           28         MP2B         My         .019         5           29         MP2B         My         .019         5           30         MP2B         Mz         .004         5           31         MP2C         Y         -25.8         5           31         MP2C         Y         -25.8         1           32         MP2C         My        007         1           33         MP2C         My        007         1           34         MP2C         My        007         5           35         MP2C         My        007         5           36         MP2C         My        007         5           36         MP2C         My        007         5           38         MP4A         Y         -43.55         2           39         MP4A         My	21	MP2A	Mz	015	1
24         MP2A         Mz        015         5           25         MP2B         Y         -25.8         1           26         MP2B         My         .019         1           27         MP2B         Mz         .004         1           28         MP2B         My         .019         5           30         MP2B         My         .019         5           30         MP2B         Mz         .004         5           31         MP2C         Y         -25.8         1           32         MP2C         My         .007         1           33         MP2C         My         .007         1           34         MP2C         My         .007         1           34         MP2C         My         .007         5           36         MP2C         My         .007         5           36         MP2C         My         .007         5           36         MP2C         My         .007         5           38         MP4A         Y         .43.55         2           39         MP4A         My         .022 <td>22</td> <td>MP2A</td> <td>Υ</td> <td>-25.8</td> <td></td>	22	MP2A	Υ	-25.8	
24         MP2A         Mz        015         5           25         MP2B         Y         -25.8         1           26         MP2B         My         .019         1           27         MP2B         Mz         .004         1           28         MP2B         My         .019         5           30         MP2B         My         .019         5           30         MP2B         Mz         .004         5           31         MP2C         Y         -25.8         1           32         MP2C         My         .007         1           33         MP2C         My         .007         1           34         MP2C         My         .007         1           34         MP2C         My         .007         5           36         MP2C         My         .007         5           36         MP2C         My         .007         5           36         MP2C         My         .007         5           38         MP4A         Y         .43.55         2           39         MP4A         My         .022 <td>23</td> <td>MP2A</td> <td>My</td> <td>013</td> <td>5</td>	23	MP2A	My	013	5
26         MP2B         My         .019         1           27         MP2B         Mz        004         1           28         MP2B         Y         -25.8         5           29         MP2B         My         .019         5           30         MP2B         Mz        004         5           31         MP2C         Y         -25.8         1           32         MP2C         My        007         1           33         MP2C         Mz         .019         1           34         MP2C         Y         -25.8         5           35         MP2C         My        007         5           36         MP2C         My        007         5           36         MP2C         Mz         .019         5           37         MP4A         Y         -43.55         2           38         MP4A         My         -022         2           39         MP4A         My         -022         2           40         MP4A         My         -022         4           41         MP4A         My         -02	24	MP2A		015	5
27         MP2B         Mz        004         1           28         MP2B         Y         -25.8         5           29         MP2B         My         .019         5           30         MP2B         Mz        004         5           31         MP2C         Y         -25.8         1           32         MP2C         My        007         1           33         MP2C         Mz         .019         1           34         MP2C         Y         -25.8         5           35         MP2C         My        007         5           36         MP2C         My        007         5           36         MP2C         Mz         .019         5           37         MP4A         Y         -43.55         2           38         MP4A         My        022         2           40         MP4A         Mz         0         2           40         MP4A         My        022         4           41         MP4A         My        022         4           42         MP4A         My         .01	25	MP2B	Υ	-25.8	1
28         MP2B         Y         -25.8         5           29         MP2B         My         .019         5           30         MP2B         Mz        004         5           31         MP2C         Y         -25.8         1           32         MP2C         My        007         1           34         MP2C         Mz         .019         1           34         MP2C         My        007         5           35         MP2C         My        007         5           36         MP2C         Mz         .019         5           37         MP4A         Y         -43.55         2           38         MP4A         My        022         2           39         MP4A         My        022         2           40         MP4A         Mz         0         2           40         MP4A         My        022         4           41         MP4A         My        022         4           42         MP4A         My        022         4           44         MP4B         Y         -43	26	MP2B	My	.019	1
28         MP2B         Y         -25.8         5           29         MP2B         My         .019         5           30         MP2B         Mz        004         5           31         MP2C         Y         -25.8         1           32         MP2C         My        007         1           34         MP2C         Mz         .019         1           34         MP2C         My        007         5           35         MP2C         My        007         5           36         MP2C         Mz         .019         5           37         MP4A         Y         -43.55         2           38         MP4A         My        022         2           39         MP4A         My        022         2           40         MP4A         Mz         0         2           40         MP4A         My        022         4           41         MP4A         My        022         4           42         MP4A         My        022         4           44         MP4B         Y         -43	27	MP2B	Mz	004	1
29         MP2B         My         .019         5           30         MP2B         Mz        004         5           31         MP2C         Y         -25.8         1           32         MP2C         My        007         1           33         MP2C         Mz         .019         1           34         MP2C         Y         -25.8         5           35         MP2C         My        007         5           36         MP2C         My        007         5           36         MP2C         Mz         .019         5           37         MP4A         Y         -43.55         2           38         MP4A         My        022         2           39         MP4A         Mz         0         2           40         MP4A         My        022         2           40         MP4A         My        022         4           41         MP4A         My        022         4           42         MP4A         Mz         0         4           43         MP4B         Y         -43.55<	28	MP2B	Υ		5
30         MP2B         Mz        004         5           31         MP2C         Y         -25.8         1           32         MP2C         My        007         1           33         MP2C         Mz         .019         1           34         MP2C         Y         -25.8         5           35         MP2C         My        007         5           36         MP2C         Mz         .019         5           37         MP4A         Y         -43.55         2           38         MP4A         Y         -43.55         2           39         MP4A         Mz         0         2           40         MP4A         Mz         0         2           40         MP4A         My        022         4           41         MP4A         My        022         4           42         MP4A         My        022         4           42         MP4A         Mz         0         4           43         MP4B         Y         -43.55         2           44         MP4B         My         .011			My		
32         MP2C         My        007         1           33         MP2C         Mz         .019         1           34         MP2C         Y         -25.8         5           35         MP2C         My        007         5           36         MP2C         Mz         .019         5           37         MP4A         Y         -43.55         2           38         MP4A         My        022         2           39         MP4A         Mz         0         2           40         MP4A         Mz         0         2           41         MP4A         My        022         4           41         MP4A         Mz         0         4           42         MP4A         Mz         0         4           43         MP4B         Y         -43.55         2           44         MP4B         My         .011         2           45         MP4B         My         .011         2           46         MP4B         My         .011         4           48         MP4B         My         .011	30	MP2B	Mz	004	5
33         MP2C         Mz         .019         1           34         MP2C         Y         -25.8         5           35         MP2C         My        007         5           36         MP2C         Mz         .019         5           37         MP4A         Y         -43.55         2           38         MP4A         My        022         2           39         MP4A         My        022         2           40         MP4A         Mz         0         2           40         MP4A         My        022         4           41         MP4A         My        022         4           42         MP4A         My        022         4           42         MP4A         Mz         0         4           43         MP4B         Y         -43.55         2           44         MP4B         My         .011         2           45         MP4B         My         .011         2           46         MP4B         My         .011         4           48         MP4B         My         .011 <td>31</td> <td>MP2C</td> <td>Υ</td> <td>-25.8</td> <td>1</td>	31	MP2C	Υ	-25.8	1
34         MP2C         Y         -25.8         5           35         MP2C         My        007         5           36         MP2C         Mz         .019         5           37         MP4A         Y         -43.55         2           38         MP4A         My        022         2           39         MP4A         Mz         0         2           40         MP4A         Mz         0         2           40         MP4A         My        022         4           41         MP4A         My        022         4           41         MP4A         My        022         4           42         MP4A         Mz         0         4           43         MP4B         Y         -43.55         2           44         MP4B         My         .011         2           45         MP4B         My         .011         4           45         MP4B         My         .011         4           48         MP4B         My         .011         4           48         MP4B         My         .011	32	MP2C	My	007	1
34         MP2C         Y         -25.8         5           35         MP2C         My        007         5           36         MP2C         Mz         .019         5           37         MP4A         Y         -43.55         2           38         MP4A         My        022         2           39         MP4A         Mz         0         2           40         MP4A         Mz         0         2           40         MP4A         My        022         4           41         MP4A         My        022         4           41         MP4A         My        022         4           42         MP4A         Mz         0         4           43         MP4B         Y         -43.55         2           44         MP4B         My         .011         2           45         MP4B         My         .011         4           45         MP4B         My         .011         4           48         MP4B         My         .011         4           48         MP4B         My         .011	33	MP2C	Mz	.019	1
36         MP2C         Mz         .019         5           37         MP4A         Y         -43.55         2           38         MP4A         My        022         2           39         MP4A         Mz         0         2           40         MP4A         Y         -43.55         4           41         MP4A         My        022         4           42         MP4A         Mz         0         4           43         MP4B         Y         -43.55         2           44         MP4B         My         .011         2           45         MP4B         Mz        019         2           46         MP4B         Y         -43.55         4           47         MP4B         My         .011         4           48         MP4B         Mz        019         4           49         MP4C         Y         -43.55         2           50         MP4C         My         .011         2           51         MP4C         Mz         .019         2           52         MP4C         Y         -43.55<			Υ	-25.8	5
37         MP4A         Y         -43.55         2           38         MP4A         My        022         2           39         MP4A         Mz         0         2           40         MP4A         Y         -43.55         4           41         MP4A         My        022         4           41         MP4A         Mz         0         4           42         MP4A         Mz         0         4           43         MP4B         Y         -43.55         2           44         MP4B         My         .011         2           45         MP4B         My         .011         2           46         MP4B         Y         -43.55         4           47         MP4B         My         .011         4           48         MP4B         Mz        019         4           49         MP4C         Y         -43.55         2           50         MP4C         My         .011         2           51         MP4C         Mz         .019         2           52         MP4C         My         .011	35	MP2C	My	007	5
38         MP4A         My        022         2           39         MP4A         Mz         0         2           40         MP4A         Y         -43.55         4           41         MP4A         My        022         4           42         MP4A         Mz         0         4           43         MP4B         Y         -43.55         2           44         MP4B         My         .011         2           45         MP4B         My         .011         2           46         MP4B         Y         -43.55         4           47         MP4B         My         .011         4           48         MP4B         Mz        019         4           49         MP4C         Y         -43.55         2           50         MP4C         My         .011         2           51         MP4C         Mz         .019         2           52         MP4C         Y         -43.55         4           53         MP4C         My         .011         4           54         MP4C         My         .011 <td>36</td> <td>MP2C</td> <td>Mz</td> <td>.019</td> <td></td>	36	MP2C	Mz	.019	
39         MP4A         Mz         0         2           40         MP4A         Y         -43.55         4           41         MP4A         My        022         4           42         MP4A         Mz         0         4           43         MP4B         Y         -43.55         2           44         MP4B         My         .011         2           45         MP4B         Mz        019         2           46         MP4B         Y         -43.55         4           47         MP4B         My         .011         4           48         MP4B         Mz        019         4           49         MP4C         Y         -43.55         2           50         MP4C         My         .011         2           51         MP4C         Mz         .019         2           52         MP4C         Y         -43.55         4           53         MP4C         My         .011         4           54         MP4C         Mz         .019         4           55         M85A         Y         -32	37	MP4A	Υ	-43.55	2
40       MP4A       Y       -43.55       4         41       MP4A       My      022       4         42       MP4A       Mz       0       4         43       MP4B       Y       -43.55       2         44       MP4B       My       .011       2         45       MP4B       Mz      019       2         46       MP4B       Y       -43.55       4         47       MP4B       My       .011       4         48       MP4B       Mz      019       4         49       MP4C       Y       -43.55       2         50       MP4C       My       .011       2         51       MP4C       My       .011       2         52       MP4C       Y       -43.55       4         53       MP4C       My       .011       4         54       MP4C       My       .011       4         55       M85A       Y       -32       1.5	38	MP4A	My	022	2
41         MP4A         My        022         4           42         MP4A         Mz         0         4           43         MP4B         Y         -43.55         2           44         MP4B         My         .011         2           45         MP4B         Mz        019         2           46         MP4B         Y         -43.55         4           47         MP4B         My         .011         4           48         MP4B         Mz        019         4           49         MP4C         Y         -43.55         2           50         MP4C         My         .011         2           51         MP4C         Mz         .019         2           52         MP4C         Y         -43.55         4           53         MP4C         My         .011         4           54         MP4C         Mz         .019         4           55         M85A         Y         -32         1.5	39	MP4A	Mz	0	2
42       MP4A       Mz       0       4         43       MP4B       Y       -43.55       2         44       MP4B       My       .011       2         45       MP4B       Mz      019       2         46       MP4B       Y       -43.55       4         47       MP4B       My       .011       4         48       MP4B       Mz      019       4         49       MP4C       Y       -43.55       2         50       MP4C       My       .011       2         51       MP4C       Mz       .019       2         52       MP4C       Y       -43.55       4         53       MP4C       My       .011       4         54       MP4C       Mz       .019       4         55       M85A       Y       -32       1.5	40				4
43       MP4B       Y       -43.55       2         44       MP4B       My       .011       2         45       MP4B       Mz      019       2         46       MP4B       Y       -43.55       4         47       MP4B       My       .011       4         48       MP4B       Mz      019       4         49       MP4C       Y       -43.55       2         50       MP4C       My       .011       2         51       MP4C       Mz       .019       2         52       MP4C       Y       -43.55       4         53       MP4C       My       .011       4         54       MP4C       Mz       .019       4         55       M85A       Y       -32       1.5		MP4A	My	022	4
44       MP4B       My       .011       2         45       MP4B       Mz      019       2         46       MP4B       Y       -43.55       4         47       MP4B       My       .011       4         48       MP4B       Mz      019       4         49       MP4C       Y       -43.55       2         50       MP4C       My       .011       2         51       MP4C       Mz       .019       2         52       MP4C       Y       -43.55       4         53       MP4C       My       .011       4         54       MP4C       Mz       .019       4         55       M85A       Y       -32       1.5	42		Mz	0	4
44       MP4B       My       .011       2         45       MP4B       Mz      019       2         46       MP4B       Y       -43.55       4         47       MP4B       My       .011       4         48       MP4B       Mz      019       4         49       MP4C       Y       -43.55       2         50       MP4C       My       .011       2         51       MP4C       Mz       .019       2         52       MP4C       Y       -43.55       4         53       MP4C       My       .011       4         54       MP4C       Mz       .019       4         55       M85A       Y       -32       1.5					2
45       MP4B       Mz      019       2         46       MP4B       Y       -43.55       4         47       MP4B       My       .011       4         48       MP4B       Mz      019       4         49       MP4C       Y       -43.55       2         50       MP4C       My       .011       2         51       MP4C       Mz       .019       2         52       MP4C       Y       -43.55       4         53       MP4C       My       .011       4         54       MP4C       Mz       .019       4         55       M85A       Y       -32       1.5	44				2
46       MP4B       Y       -43.55       4         47       MP4B       My       .011       4         48       MP4B       Mz      019       4         49       MP4C       Y       -43.55       2         50       MP4C       My       .011       2         51       MP4C       Mz       .019       2         52       MP4C       Y       -43.55       4         53       MP4C       My       .011       4         54       MP4C       Mz       .019       4         55       M85A       Y       -32       1.5			Mz		2
47       MP4B       My       .011       4         48       MP4B       Mz      019       4         49       MP4C       Y       -43.55       2         50       MP4C       My       .011       2         51       MP4C       Mz       .019       2         52       MP4C       Y       -43.55       4         53       MP4C       My       .011       4         54       MP4C       Mz       .019       4         55       M85A       Y       -32       1.5					
49       MP4C       Y       -43.55       2         50       MP4C       My       .011       2         51       MP4C       Mz       .019       2         52       MP4C       Y       -43.55       4         53       MP4C       My       .011       4         54       MP4C       Mz       .019       4         55       M85A       Y       -32       1.5	47				
49       MP4C       Y       -43.55       2         50       MP4C       My       .011       2         51       MP4C       Mz       .019       2         52       MP4C       Y       -43.55       4         53       MP4C       My       .011       4         54       MP4C       Mz       .019       4         55       M85A       Y       -32       1.5			Mz	019	4
50         MP4C         My         .011         2           51         MP4C         Mz         .019         2           52         MP4C         Y         -43.55         4           53         MP4C         My         .011         4           54         MP4C         Mz         .019         4           55         M85A         Y         -32         1.5	49		Υ		2
52     MP4C     Y     -43.55     4       53     MP4C     My     .011     4       54     MP4C     Mz     .019     4       55     M85A     Y     -32     1.5					
52     MP4C     Y     -43.55     4       53     MP4C     My     .011     4       54     MP4C     Mz     .019     4       55     M85A     Y     -32     1.5	51		Mz		
53         MP4C         My         .011         4           54         MP4C         Mz         .019         4           55         M85A         Y         -32         1.5	52		Υ	-43.55	4
54         MP4C         Mz         .019         4           55         M85A         Y         -32         1.5	53				
55 M85A Y -32 1.5	54		Mz	.019	4
			Y		1.5
110	56	M85A	My	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
57	M85A	Mz	0	1.5
58	MP3A	Υ	-84.4	2.5
59	MP3A	My	.042	2.5
60	MP3A	Mz	0	2.5
61	MP3B	Υ	-84.4	2.5
62	MP3B	My	021	2.5
63	MP3B	Mz	.037	2.5
64	MP3C	Υ	-84.4	2.5
65	MP3C	My	021	2.5
66	MP3C	Mz	037	2.5
67	MP2A	Υ	-70.3	2.5
68	MP2A	My	.035	2.5
69	MP2A	Mz	0	2.5
70	MP2B	Υ	-70.3	2.5
71	MP2B	My	018	2.5
72	MP2B	Mz	.03	2.5
73	MP2C	Υ	-70.3	2.5
74	MP2C	My	018	2.5
75	MP2C	Mz	03	2.5
76	MP1A	Υ	-9	.5
77	MP1A	My	004	.5
78	MP1A	Mz	0	.5
79	MP1A	Υ	-9	5.5
80	MP1A	My	004	5.5
81	MP1A	Mz	0	5.5
82	MP1B	Υ	-9	.5
83	MP1B	My	.002	.5
84	MP1B	Mz	004	.5
85	MP1B	Υ	-9	5.5
86	MP1B	My	.002	5.5
87	MP1B	Mz	004	5.5
88	MP1C	Υ	-9	.5
89	MP1C	My	.002	.5
90	MP1C	Mz	.004	.5
91	MP1C	Υ	-9	5.5
92	MP1C	My	.002	5.5
93	MP1C	Mz	.004	5.5

# Member Point Loads (BLC 2 : Antenna Di)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	Υ	-78.471	1
2	MP2A	My	039	1
3	MP2A	Mz	.046	1
4	MP2A	Υ	-78.471	5
5	MP2A	My	039	5
6	MP2A	Mz	.046	5
7	MP2B	Υ	-78.471	1
8	MP2B	My	02	1
9	MP2B	Mz	057	1
10	MP2B	Υ	-78.471	5
11	MP2B	My	02	5
12	MP2B	Mz	057	5
13	MP2C	Υ	-78.471	1
14	MP2C	My	.059	1
15	MP2C	Mz	.011	1
16	MP2C	Υ	-78.471	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
17	MP2C	My	.059	<u>Location[it,%]</u>
18	MP2C	Mz	.011	5
19	MP2A	Y	-78.471	1
20	MP2A	My	039	1
21	MP2A	Mz	046	1
22	MP2A	Y	-78.471	5
23	MP2A	My	039	5
24	MP2A	Mz	046	5
25	MP2B	Y	-78.471	1
26	MP2B	My	.059	1
27	MP2B	Mz	011	1
28	MP2B	Y	-78.471	5
29	MP2B	My	.059	5
30	MP2B	Mz	011	5
31	MP2C	Y	-78.471	1
32	MP2C	My	02	1
33	MP2C	Mz	.057	1
34	MP2C	Y	-78.471	5
35	MP2C	My	02	5
36	MP2C	Mz	.057	5
37	MP4A	Y	-35.248	2
38	MP4A	My	018	2
39	MP4A	Mz	0	2
40	MP4A	Y	-35.248	4
41	MP4A	My	018	4
42	MP4A	Mz	0	4
43	MP4B	Y	-35.248	2
44	MP4B	My	.009	2
45	MP4B	Mz	015	2
46	MP4B	Y	-35.248	4
47	MP4B	My	.009	4
48	MP4B	Mz	015	4
49	MP4C	Y	-35.248	2
50	MP4C	My	.009	2
51	MP4C	Mz	.015	2
52	MP4C	Y	-35.248	4
53	MP4C	My	.009	4
54	MP4C	Mz	.015	4
55	M85A	Y	-87.026	1.5
56	M85A	My	0	1.5
57	M85A	Mz	0	1.5
58	MP3A	Υ	-44.433	2.5
59	MP3A	My	.022	2.5
60	MP3A	Mz	0	2.5
61	MP3B	Y	-44.433	2.5
62	MP3B	My	011	2.5
63	MP3B	Mz	.019	2.5
64	MP3C	Υ	-44.433	2.5
65	MP3C	My	011	2.5
66	MP3C	Mz	019	2.5
67	MP2A	Y	-39.956	2.5
68	MP2A	My	.02	2.5
69	MP2A	Mz	0	2.5
70	MP2B	Y	-39.956	2.5
71	MP2B	My	01	2.5
72	MP2B	Mz	.017	2.5
73	MP2C	Y	-39.956	2.5



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
74	MP2C	My	01	2.5
75	MP2C	Mz	017	2.5
76	MP1A	Υ	-44.068	.5
77	MP1A	My	022	.5
78	MP1A	Mz	0	.5
79	MP1A	Υ	-44.068	5.5
80	MP1A	My	022	5.5
81	MP1A	Mz	0	5.5
82	MP1B	Υ	-44.068	.5
83	MP1B	My	.011	.5
84	MP1B	Mz	019	.5
85	MP1B	Υ	-44.068	5.5
86	MP1B	My	.011	5.5
87	MP1B	Mz	019	5.5
88	MP1C	Υ	-44.068	.5
89	MP1C	My	.011	.5
90	MP1C	Mz	.019	.5
91	MP1C	Υ	-44.068	5.5
92	MP1C	My	.011	5.5
93	MP1C	Mz	.019	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	1
2	MP2A	Z	-164.928	1
3	MP2A	Mx	096	1
4	MP2A	Χ	0	5
5	MP2A	Z	-164.928	5
6	MP2A	Mx	096	5
7	MP2B	X	0	1
8	MP2B	Z	-124.371	1
9	MP2B	Mx	.09	1
10	MP2B	Χ	0	5
11	MP2B	Z	-124.371	5
12	MP2B	Mx	.09	5
13	MP2C	Χ	0	1
14	MP2C	Z	-124.371	1
15	MP2C	Mx	018	1
16	MP2C	X	0	5
17	MP2C	Z	-124.371	5
18	MP2C	Mx	018	5
19	MP2A	X	0	1
20	MP2A	Z	-164.928	1
21	MP2A	Mx	.096	1
22	MP2A	Χ	0	5
23	MP2A	Z	-164.928	5
24	MP2A	Mx	.096	5
25	MP2B	Χ	0	1
26	MP2B	Z	-124.371	1
27	MP2B	Mx	.018	1
28	MP2B	X	0	5
29	MP2B	Z	-124.371	5
30	MP2B	Mx	.018	5
31	MP2C	Χ	0	1
32	MP2C	Z	-124.371	1
33	MP2C	Mx	09	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
34	MP2C	X	0	5
35	MP2C	Z	-124.371	5
36	MP2C	Mx	09	5
37	MP4A	X	0	2
38	MP4A	Z	-68.056	2
39	MP4A	Mx	0	2
40	MP4A	X	0	4
41	MP4A	Z	-68.056	4
42	MP4A	Mx	0	4
43	MP4B	X	0	2
44	MP4B	Z	-36.997	2
45	MP4B	Mx	.016	2
46	MP4B	X	0	4
47	MP4B	Z	-36.997	4
48	MP4B	Mx	.016	4
49	MP4C	X	0	2
50	MP4C	Z	-36.997	2
51	MP4C	Mx	016	2
52	MP4C	X	0	4
53	MP4C	Z	-36.997	4
54	MP4C	Mx	016	4
55	M85A	X	0	1.5
56	M85A	Z	-110.609	1.5
57	M85A	Mx	0	1.5
58	MP3A	X	0	2.5
59	MP3A	Z	-54.155	2.5
60	MP3A	Mx	0	2.5
61	MP3B	X	0	2.5
62	MP3B	Z	-40.689	2.5
63	MP3B	Mx	018	2.5
64	MP3C	X	0	2.5
65	MP3C	Z	-40.689	2.5
66	MP3C	Mx	.018	2.5
67	MP2A	X	0	2.5
68	MP2A	Z	-54.155	2.5
69	MP2A	Mx	0	2.5
70	MP2B	X	0	2.5
71	MP2B	Z	-35.53	2.5
72	MP2B	Mx	015	2.5
73	MP2C MP2C	X Z	0	2.5
74 75	MP2C MP2C	Mx	-35.53	2.5 2.5
			.015	
76 77	MP1A	X Z	-83.405	.5 .5
78	MP1A MP1A	Mx	-83.405	.5 .5
78	MP1A MP1A	X	0	5.5
80	MP1A	Z	-83.405	5.5
81	MP1A	Mx	-63.405	5.5
82	MP1B	X	0	.5
83	MP1B	Z	-70.381	.5
84	MP1B	Mx	.03	.5
85	MP1B	X	0	5.5
86	MP1B	Z	-70.381	5.5
87	MP1B	Mx	.03	5.5
88	MP1C	X	0	.5
89	MP1C MP1C	Z	-70.381	.5
90	MP1C	Mx	03	.5
30	IVII TO	IVIA	00	



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
91	MP1C	X	0	5.5
92	MP1C	Z	-70.381	5.5
93	MP1C	Mx	03	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X Z	75.704	1
2	MP2A		-131.124	1
3	MP2A	Mx	114	1
4	MP2A	X	75.704	5
5	MP2A	Z	-131.124	5
6	MP2A	Mx	114	5
7	MP2B	X	55.426	1
8	MP2B	Z	-96.001	1
9	MP2B	Mx	.055	1
10	MP2B	X	55.426	5
11	MP2B	Z	-96.001	5
12	MP2B	Mx	.055	5
13	MP2C	X	75.704	1
14	MP2C	Ž	-131.124	1
15	MP2C	Mx	.039	1
16	MP2C	X	75.704	5
17	MP2C	Z	-131.124	5
18	MP2C	Mx	.039	5
19	MP2A	X	75.704	1
20	MP2A	Z	-131.124	1
21	MP2A	Mx	.039	1
22	MP2A	X	75.704	5
23	MP2A MP2A	Z	-131.124	5
			.039	5
24	MP2A	Mx		
25	MP2B	X Z	55.426	1
26	MP2B		-96.001	
27	MP2B	Mx	.055	1
28	MP2B	X	55.426	5
29	MP2B	Z	-96.001	5
30	MP2B	Mx	.055	5
31	MP2C	X	75.704	1
32	MP2C	Z	-131.124	1
33	MP2C	Mx	114	1
34	MP2C	X	75.704	5
35	MP2C	Z	-131.124	5
36	MP2C	Mx	114	5
37	MP4A	X	28.852	2
38	MP4A	Z	-49.972	2
39	MP4A	Mx	014	2
40	MP4A	X	28.852	4
41	MP4A	Z	-49.972	4
42	MP4A	Mx	014	4
43	MP4B	X	13.322	2
44	MP4B	Z	-23.074	2
45	MP4B	Mx	.013	2
46	MP4B	X	13.322	4
47	MP4B	X Z	-23.074	4
48	MP4B	Mx	.013	4
49	MP4C	X	28.852	2
50	MP4C	Ž	-49.972	2
	IIII TO	_	10.072	_

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
51	MP4C	Mx	014	2
52	MP4C	X	28.852	4
53	MP4C	Z	-49.972	4
54	MP4C	Mx	014	4
55	M85A	Χ	48.336	1.5
56	M85A	Z	-83.721	1.5
57	M85A	Mx	0	1.5
58	MP3A	X	24.833	2.5
59	MP3A	Z	-43.012	2.5
60	MP3A	Mx	.012	2.5
61	MP3B	Χ	18.1	2.5
62	MP3B	Z	-31.35	2.5
63	MP3B	Mx	018	2.5
64	MP3C	X	24.833	2.5
65	MP3C	Z	-43.012	2.5
66	MP3C	Mx	.012	2.5
67	MP2A	Χ	23.973	2.5
68	MP2A	Z	-41.523	2.5
69	MP2A	Mx	.012	2.5
70	MP2B	Χ	14.661	2.5
71	MP2B	Z	-25.394	2.5
72	MP2B	Mx	015	2.5
73	MP2C	X	23.973	2.5
74	MP2C	Z	-41.523	2.5
75	MP2C	Mx	.012	2.5
76	MP1A	X	39.532	.5
77	MP1A	Z	-68.471	.5
78	MP1A	Mx	02	.5
79	MP1A	Χ	39.532	5.5
80	MP1A	Z	-68.471	5.5
81	MP1A	Mx	02	5.5
82	MP1B	Χ	33.02	.5
83	MP1B	Z	-57.192	.5
84	MP1B	Mx	.033	.5
85	MP1B	X	33.02	5.5
86	MP1B	Z	-57.192	5.5
87	MP1B	Mx	.033	5.5
88	MP1C	Χ	39.532	.5
89	MP1C	Z	-68.471	.5
90	MP1C	Mx	02	.5
91	MP1C	X	39.532	5.5
92	MP1C	Z	-68.471	5.5
93	MP1C	Mx	02	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	107.709	1
2	MP2A	Z	-62.186	1
3	MP2A	Mx	09	1
4	MP2A	X	107.709	5
5	MP2A	Z	-62.186	5
6	MP2A	Mx	09	5
7	MP2B	X	107.709	1
8	MP2B	Z	-62.186	1
9	MP2B	Mx	.018	1
10	MP2B	X	107.709	5

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

	Del Tomit Loads (BLO 0 : A			
	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
11	MP2B	Z	-62.186	5
12	MP2B	Mx	.018	5
13	MP2C	X	142.831	1
14	MP2C	Z	-82.464	1
15	MP2C	Mx	.096	1
16	MP2C	X	142.831	5
17	MP2C	Z	-82.464	5
18	MP2C	Mx	.096	5
19	MP2A	X	107.709	1
20	MP2A		-62.186	1
21	MP2A	Mx	018	1
22	MP2A	X	107.709	5
23	MP2A	Z	-62.186	5
24	MP2A	Mx	018	5
25	MP2B	X	107.709	1
26	MP2B	Z	-62.186	1
27	MP2B	Mx	.09	1
28	MP2B	X	107.709	5
29	MP2B	Z	-62.186	5
30	MP2B	Mx	.09	5
31	MP2C	X	142.831	1
32	MP2C	Ž	-82.464	1
33	MP2C	Mx	096	1
34	MP2C	X	142.831	5
35	MP2C	Z	-82.464	5
36	MP2C	Mx	096	5
37	MP4A	X	32.04	2
38	MP4A	Z	-18.498	2
39	MP4A	Mx	016	2
40	MP4A	X	32.04	4
41	MP4A	Z	-18.498	4
42	MP4A	Mx	016	4
43		X	32.04	2
	MP4B	Z		
44	MP4B		-18.498	2 2
45 46	MP4B MP4B	Mx V	.016 32.04	4
	MP4B	X Z		
47			-18.498	4
48	MP4B	Mx	.016	4
49	MP4C	X	58.938	2
50	MP4C	Z	-34.028	2
51	MP4C	Mx	0	2
52	MP4C	X	58.938	4
53	MP4C	Z	-34.028	4
54	MP4C	Mx	0	4
55	M85A	<u> </u>	77.686	1.5
56	M85A	Z	-44.852	1.5
57	M85A	Mx	0	1.5
58	MP3A	<u>X</u>	35.238	2.5
59	MP3A	Z	-20.344	2.5
60	MP3A	Mx	.018	2.5
61	MP3B	X	35.238	2.5
62	MP3B	Z	-20.344	2.5
63	MP3B	Mx	018	2.5
64	MP3C	X	46.9	2.5
65	MP3C	Z	-27.078	2.5
66	MP3C	Mx	0	2.5
67	MP2A	X	30.77	2.5



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
68	MP2A	Z	-17.765	2.5
69	MP2A	Mx	.015	2.5
70	MP2B	X	30.77	2.5
71	MP2B	Z	-17.765	2.5
72	MP2B	Mx	015	2.5
73	MP2C	X	46.9	2.5
74	MP2C	Z	-27.078	2.5
75	MP2C	Mx	0	2.5
76	MP1A	X	60.952	.5
77	MP1A	Z	-35.191	.5
78	MP1A	Mx	03	.5
79	MP1A	X	60.952	5.5
80	MP1A	Z	-35.191	5.5
81	MP1A	Mx	03	5.5
82	MP1B	X	60.952	.5
83	MP1B	Z	-35.191	.5
84	MP1B	Mx	.03	.5
85	MP1B	X	60.952	5.5
86	MP1B	Z	-35.191	5.5
87	MP1B	Mx	.03	5.5
88	MP1C	X	72.231	.5
89	MP1C	Z	-41.702	.5
90	MP1C	Mx	0	.5
91	MP1C	X	72.231	5.5
92	MP1C	Z	-41.702	5.5
93	MP1C	Mx	0	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	110.853	1
2	MP2A	Z	0	1
3	MP2A	Mx	055	1
4	MP2A	Χ	110.853	5
5	MP2A	Ζ	0	5
6	MP2A	Mx	055	5
7	MP2B	Χ	151.409	1
8	MP2B	Z	0	1
9	MP2B	Mx	039	1
10	MP2B	X	151.409	5
11	MP2B	Z	0	5
12	MP2B	Mx	039	5
13	MP2C	X	151.409	1
14	MP2C	Z	0	1
15	MP2C	Mx	.114	1
16	MP2C	Χ	151.409	5
17	MP2C	Z	0	5
18	MP2C	Mx	.114	5
19	MP2A	Χ	110.853	1
20	MP2A	Z	0	1
21	MP2A	Mx	055	1
22	MP2A	Χ	110.853	5
23	MP2A	Z	0	5
24	MP2A	Mx	055	5
25	MP2B	X	151.409	1
26	MP2B	Z	0	1
27	MP2B	Mx	.114	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
28	MP2B	X	151.409	5
29	MP2B	Z	0	5
30	MP2B	Mx	.114	5
31	MP2C	X	151.409	1
32	MP2C	Z	0	1
33	MP2C	Mx	039	1
34	MP2C	X	151.409	5
35	MP2C	Z	0	5
36	MP2C	Mx	039	5
37	MP4A	X	26.644	2
38	MP4A	Z	0	2
39	MP4A	Mx	013	2
40	MP4A	X	26.644	4
41	MP4A	Z	0	4
42	MP4A	Mx	013	4
43	MP4B	X	57.703	2
44	MP4B	Z	0	2
45	MP4B	Mx	.014	2
46	MP4B	X	57.703	4
47	MP4B	Z	0	4
48	MP4B	Mx	.014	4
49	MP4C	X	57.703	2
50	MP4C	Z	0	2
51	MP4C	Mx	.014	2
52	MP4C	X	57.703	4
53	MP4C	Z	0	4
54	MP4C	Mx	.014	4
55	M85A	<u>X</u>	96.672	1.5
56	M85A	Z	0	1.5
57	M85A	Mx X	0	1.5
58	MP3A	X	36.2	2.5
59	MP3A	Z	0	2.5
60	MP3A	Mx V	.018	2.5
61 62	MP3B	X Z	49.666	2.5 2.5
63	MP3B MP3B	Mx	012	2.5
64	MP3C	X	49.666	2.5
65	MP3C MP3C	Z	0	2.5
66	MP3C MP3C	Mx	012	2.5
67	MP2A	X	29.322	2.5
68	MP2A	Z	0	2.5
69	MP2A	Mx	.015	2.5
70	MP2B	X	47.947	2.5
71	MP2B	Z	0	2.5
72	MP2B	Mx	012	2.5
73	MP2C	X	47.947	2.5
74	MP2C	Z	0	2.5
75	MP2C	Mx	012	2.5
76	MP1A	X	66.04	.5
77	MP1A	Z	0	.5
78	MP1A	Mx	033	.5
79	MP1A	X	66.04	5.5
80	MP1A	Z	0	5.5
81	MP1A	Mx	033	5.5
82	MP1B	X	79.064	.5
83	MP1B	Z	0	.5
84	MP1B	Mx	.02	.5



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
85	MP1B	X	79.064	5.5
86	MP1B	Z	0	5.5
87	MP1B	Mx	.02	5.5
88	MP1C	X	79.064	.5
89	MP1C	Z	0	.5
90	MP1C	Mx	.02	.5
91	MP1C	X	79.064	5.5
92	MP1C	Z	0	5.5
93	MP1C	Mx	.02	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	107.709	1
2	MP2A	Z	62.186	1
3	MP2A	Mx	018	1
4	MP2A	X	107.709	5
5	MP2A	Z	62.186	5
6	MP2A	Mx	018	5
7	MP2B	X	142.831	1
8	MP2B	Z	82.464	1
9	MP2B	Mx	096	1
10	MP2B	X	142.831	5
11	MP2B	Z	82.464	5
12	MP2B	Mx	096	5
13	MP2C	X	107.709	1
14	MP2C	Z	62.186	1
15	MP2C	Mx	.09	1
16	MP2C	X	107.709	5
17	MP2C	Z	62.186	5
18	MP2C	Mx	.09	5
19	MP2A	X	107.709	1
20	MP2A	Z	62.186	1
21	MP2A	Mx	09	1
22	MP2A	X	107.709	5
23	MP2A	Z	62.186	5
24	MP2A	Mx	09	5
25	MP2B	X Z	142.831	1
26	MP2B		82.464	1
27	MP2B	Mx	.096	1
28	MP2B	X	142.831	5
29	MP2B	Z	82.464	5
30	MP2B	Mx	.096	5
31	MP2C	X	107.709	1
32	MP2C	Z	62.186	1
33	MP2C	Mx	.018	1
34	MP2C	X	107.709	5
35	MP2C	Z	62.186	5
36	MP2C	Mx	.018	5
37	MP4A	X	32.04	2
38	MP4A	Z	18.498	2
39	MP4A	Mx	016	2
40	MP4A	X	32.04	4
41	MP4A	Z	18.498	4
42	MP4A	Mx	016	4
43	MP4B	X	58.938	2
44	MP4B	Z	34.028	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
45	MP4B	Mx	0	2
46	MP4B	X	58.938	4
47	MP4B	Z	34.028	4
48	MP4B	Mx	0	4
49	MP4C	X	32.04	2
50	MP4C	Z	18.498	2
51	MP4C	Mx	.016	2
52	MP4C	X	32.04	4
53	MP4C	Z	18.498	4
54	MP4C	Mx	.016	4
55	M85A	X	95.79	1.5
56	M85A	Z	55.305	1.5
57	M85A	Mx	0	1.5
58	MP3A	X	35.238	2.5
59	MP3A	Z	20.344	2.5
60	MP3A	Mx	.018	2.5
61	MP3B		46.9	2.5
62	MP3B	X	27.078	2.5
63	MP3B	Mx	0	2.5
64	MP3C	X	35.238	2.5
65	MP3C	Z	20.344	2.5
66	MP3C	Mx	018	2.5
67	MP2A	X	30.77	2.5
68	MP2A	Z	17.765	2.5
69	MP2A	Mx	.015	2.5
70	MP2B	X	46.9	2.5
71	MP2B	Z	27.078	2.5
72	MP2B	Mx	0	2.5
73	MP2C	X	30.77	2.5
74	MP2C	Z	17.765	2.5
75	MP2C	Mx	015	2.5
76	MP1A	X	60.952	.5
77	MP1A	Z	35.191	.5
78	MP1A	Mx	03	.5
79	MP1A	X	60.952	5.5
80	MP1A	Z	35.191	5.5
81	MP1A	Mx	03	5.5
82	MP1B	X	72.231	.5
83	MP1B	Z	41.702	.5
84	MP1B	Mx	0	.5
85	MP1B	X	72.231	5.5
86	MP1B	Z	41.702	5.5
87	MP1B	Mx	0	5.5
88	MP1C	X	60.952	.5
89	MP1C	Z	35.191	.5
90	MP1C	Mx	.03	.5
91	MP1C		60.952	5.5
92	MP1C	X	35.191	5.5
93	MP1C	Mx	.03	5.5
33	IVIETO	IVIA	.03	J.Ü

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	75.704	1
2	MP2A	Z	131.124	1
3	MP2A	Mx	.039	1
4	MP2A	X	75.704	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
5	MP2A	Z	131.124	5
6	MP2A	Mx	.039	5
7	MP2B	X	75.704	1
8	MP2B	Z	131.124	1
9	MP2B	Mx	114	1
10	MP2B	X	75.704	5
11	MP2B	Z	131.124	5
12	MP2B	Mx	114	5
13	MP2C		55.426	1
14	MP2C	X	96.001	1
15	MP2C	Mx	.055	1
16	MP2C	X	55.426	5
17	MP2C	Z	96.001	5
18	MP2C	Mx	.055	5
19	MP2A	X	75.704	1
20	MP2A	Z	131.124	1
21	MP2A	Mx	114	1
22	MP2A	X	75.704	5
23	MP2A	Z	131.124	5
24	MP2A	Mx	114	5
25	MP2B	X	75.704	1
26	MP2B	Z	131.124	1
27	MP2B	Mx	.039	1
28	MP2B	X	75.704	5
29	MP2B	Z	131.124	5
30	MP2B	Mx	.039	5
31	MP2C	X	55.426	1
32	MP2C	Z	96.001	1
33	MP2C	Mx	.055	1
34	MP2C	X	55.426	5
35	MP2C	Z	96.001	5
36	MP2C	Mx	.055	5
37	MP4A	X	28.852	2
38	MP4A	Z	49.972	2
39	MP4A	Mx	014	2
40	MP4A	X	28.852	4
41	MP4A	Z	49.972	4
42	MP4A	Mx	014	4
43	MP4B	X	28.852	2
44	MP4B	Z	49.972	2
45	MP4B	Mx	014	2
46	MP4B	X	28.852	4
47	MP4B	Z	49.972	4
48	MP4B	Mx	014	4
49	MP4C	X	13.322	2
50	MP4C	Z	23.074	2
51	MP4C	Mx	.013	2
52	MP4C	X	13.322	4
53	MP4C	Z	23.074	4
54 55	MP4C	Mx	.013 58.789	4 1.5
	M85A	X		
56	M85A		101.825	1.5
57	M85A	Mx V	0	1.5
58	MP3A	X Z	24.833	2.5
59 60	MP3A	Mx	43.012 .012	2.5 2.5
	MP3A MP3P	X		
61	MP3B		24.833	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
62	MP3B	Z	43.012	2.5
63	MP3B	Mx	.012	2.5
64	MP3C	X	18.1	2.5
65	MP3C	Z	31.35	2.5
66	MP3C	Mx	018	2.5
67	MP2A	X	23.973	2.5
68	MP2A	Z	41.523	2.5
69	MP2A	Mx	.012	2.5
70	MP2B	Χ	23.973	2.5
71	MP2B	Z	41.523	2.5
72	MP2B	Mx	.012	2.5
73	MP2C	X	14.661	2.5
74	MP2C	Z	25.394	2.5
75	MP2C	Mx	015	2.5
76	MP1A	Χ	39.532	.5
77	MP1A	Z	68.471	.5
78	MP1A	Mx	02	.5
79	MP1A	X	39.532	5.5
80	MP1A	Z	68.471	5.5
81	MP1A	Mx	02	5.5
82	MP1B	X	39.532	.5
83	MP1B	Z	68.471	.5
84	MP1B	Mx	02	.5
85	MP1B	Χ	39.532	5.5
86	MP1B	Z	68.471	5.5
87	MP1B	Mx	02	5.5
88	MP1C	X	33.02	.5
89	MP1C	Z	57.192	.5
90	MP1C	Mx	.033	.5
91	MP1C	X	33.02	5.5
92	MP1C	Z	57.192	5.5
93	MP1C	Mx	.033	5.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	X	0	1
2	MP2A	Z	164.928	1
3	MP2A	Mx	.096	1
4	MP2A	X	0	5
5	MP2A	Z	164.928	5
6	MP2A	Mx	.096	5
7	MP2B	X	0	1
8	MP2B	Z	124.371	1
9	MP2B	Mx	09	1
10	MP2B	X	0	5
11	MP2B	Z	124.371	5
12	MP2B	Mx	09	5
13	MP2C	X	0	1
14	MP2C	Z	124.371	1
15	MP2C	Mx	.018	1
16	MP2C	X	0	5
17	MP2C	Z	124.371	5
18	MP2C	Mx	.018	5
19	MP2A	X	0	1
20	MP2A	Z	164.928	1
21	MP2A	Mx	096	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
22	MP2A	X	0	5
23	MP2A	Z	164.928	5
24	MP2A	Mx	096	5
25	MP2B	X	0	1
26	MP2B	Z	124.371	1
27	MP2B	Mx	018	1
28	MP2B	X	0	5
29	MP2B	Z	124.371	5
30	MP2B	Mx	018	5
31	MP2C	X	0	1
32	MP2C	Z	124.371	1
33	MP2C	Mx	.09	1
34	MP2C	X	0	5
35	MP2C	Z	124.371	5
36	MP2C	Mx	.09	5
37	MP4A	X	0	2
38	MP4A	Z	68.056	2
39	MP4A	Mx	0	2
40	MP4A	X	0	4
41	MP4A	Z	68.056	4
42	MP4A	Mx	0	4
43	MP4B	X	0	2
44	MP4B	Z	36.997	2
45	MP4B	Mx Y	016	2
46	MP4B	X Z	0 36.997	4
47	MP4B			4
48	MP4B	Mx Y	016 0	4
49	MP4C	X Z		2 2
50	MP4C		36.997	
51 52	MP4C MP4C	Mx X	.016	<u>2</u> 4
53	MP4C	Z	36.997	4
54	MP4C MP4C	Mx	.016	4
55	M85A	X	0	1.5
56	M85A	Z	110.609	1.5
57	M85A	Mx	0	1.5
58	MP3A	X	0	2.5
59	MP3A	Z	54.155	2.5
60	MP3A	Mx	0	2.5
61	MP3B	X	0	2.5
62	MP3B	Z	40.689	2.5
63	MP3B	Mx	.018	2.5
64	MP3C	X	0	2.5
65	MP3C	Z	40.689	2.5
66	MP3C	Mx	018	2.5
67	MP2A	X	0	2.5
68	MP2A	Z	54.155	2.5
69	MP2A	Mx	0	2.5
70	MP2B	X	0	2.5
71	MP2B	Z	35.53	2.5
72	MP2B	Mx	.015	2.5
73	MP2C	X	0	2.5
74	MP2C	Z	35.53	2.5
75	MP2C	Mx	015	2.5
76	MP1A	X	0	.5
77	MP1A	Z	83.405	.5
78	MP1A	Mx	0	.5



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
79	MP1A	X	0	5.5
80	MP1A	Z	83.405	5.5
81	MP1A	Mx	0	5.5
82	MP1B	X	0	.5
83	MP1B	Z	70.381	.5
84	MP1B	Mx	03	.5
85	MP1B	X	0	5.5
86	MP1B	Z	70.381	5.5
87	MP1B	Mx	03	5.5
88	MP1C	X	0	.5
89	MP1C	Z	70.381	.5
90	MP1C	Mx	.03	.5
91	MP1C	Χ	0	5.5
92	MP1C	Z	70.381	5.5
93	MP1C	Mx	.03	5.5

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

	Del 1 Ollit Louds (DLO 10 . F		209//	
	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-75.704	1
2	MP2A		131.124	1
3	MP2A	Mx	.114	1
4	MP2A	X	-75.704	5
5	MP2A	Z	131.124	5
6	MP2A	Mx	.114	5
7	MP2B	X	-55.426	1
8	MP2B	Z	96.001	1
9	MP2B	Mx	055	1
10	MP2B	X	-55.426	5
11	MP2B	Z	96.001	5
12	MP2B	Mx	055	5
13	MP2C	X	-75.704	1
14	MP2C	Z	131.124	1
15	MP2C	Mx	039	1
16	MP2C	X	-75.704	5
17	MP2C	Z	131.124	5
18	MP2C	Mx	039	5
19	MP2A	X	-75.704	1
20	MP2A	Z	131.124	1
21	MP2A	Mx	039	1
22	MP2A	X	-75.704	5
23	MP2A	Z	131.124	5
24	MP2A	Mx	039	5
25	MP2B	X	-55.426	1
26	MP2B	Z	96.001	1
27	MP2B	Mx	055	1
28	MP2B	X	-55.426	5
29	MP2B	Z	96.001	5
30	MP2B	Mx	055	5
31	MP2C	X	-75.704	1
32	MP2C	Z	131.124	1
33	MP2C	Mx	.114	1
34	MP2C	X	-75.704	5
35	MP2C	Z	131.124	5
36	MP2C	Mx	.114	5
37	MP4A	X	-28.852	2
38	MP4A	Z	49.972	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
39	MP4A	Mx	.014	2
40	MP4A	X	-28.852	4
41	MP4A	Z	49.972	4
42	MP4A	Mx	.014	4
43	MP4B		-13.322	2
44	MP4B	X	23.074	2
45	MP4B	Mx	013	2
46	MP4B	X	-13.322	4
47	MP4B	Z	23.074	4
48	MP4B	Mx	013	4
49	MP4C	X	-28.852	2
50	MP4C	Z	49.972	2
51	MP4C	Mx	.014	2
52	MP4C	X	-28.852	4
53	MP4C	Z	49.972	4
54	MP4C	Mx	.014	4
55	M85A	X	-48.336	1.5
56	M85A	Z	83.721	1.5
57	M85A	Mx	0	1.5
58	MP3A	X	-24.833	2.5
59	MP3A	Z	43.012	2.5
60	MP3A	Mx	012	2.5
61	MP3B	X	-18.1	2.5
62	MP3B	Z	31.35	2.5
63	MP3B	Mx	.018	2.5
64	MP3C	X	-24.833	2.5
65	MP3C	Z	43.012	2.5
66	MP3C	Mx	012	2.5
67	MP2A	X	-23.973	2.5
68	MP2A	Z	41.523	2.5
69	MP2A	Mx	012	2.5
70	MP2B	X	-14.661	2.5
71	MP2B	Z	25.394	2.5
72	MP2B	Mx	.015	2.5
73	MP2C	X	-23.973	2.5
74	MP2C	Z	41.523	2.5
75	MP2C	Mx	012	2.5
76	MP1A	X	-39.532	.5
77	MP1A	Z	68.471	.5
78	MP1A	Mx	.02	.5
79	MP1A	X	-39.532	5.5
80	MP1A	Z	68.471	5.5
81	MP1A	Mx	.02	5.5
82	MP1B	X	-33.02	.5
83	MP1B	Z	57.192	.5
84	MP1B	Mx	033	.5
85	MP1B	X	-33.02	5.5
86	MP1B	Z	57.192	5.5
87	MP1B	Mx	033	5.5
88	MP1C	X Z	-39.532	.5
89	MP1C		68.471	.5
90	MP1C	Mx	.02	.5
91	MP1C	X	-39.532	5.5
92	MP1C	Z	68.471	5.5
93	MP1C	Mx	.02	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-107.709	1
2	MP2A	Z	62.186	1
3	MP2A	Mx	.09	1
4	MP2A	X	-107.709	5
5	MP2A	Z	62.186	5
6	MP2A	Mx	.09	5
7	MP2B	X	-107.709	1
8	MP2B	Z	62.186	1
9	MP2B	Mx	018	1
10	MP2B	X	-107.709	5
11	MP2B	Z	62.186	5
12	MP2B	Mx	018	5
13	MP2C	X	-142.831	1
14	MP2C	Z	82.464	1
15	MP2C	Mx	096	1
16	MP2C	X	-142.831	5
17	MP2C	Z	82.464	5
18	MP2C	Mx	096	5
19	MP2A	X	-107.709	1
20	MP2A	Z	62.186	1
21	MP2A	Mx	.018	1
22	MP2A	X	-107.709	5
23	MP2A	Z	62.186	5
24	MP2A	Mx	.018	5
25	MP2B	X	-107.709	1
26	MP2B	Z	62.186	1
27	MP2B	Mx Mx	09	1
28	MP2B	X Z	-107.709	5
29	MP2B		62.186	5 5
<u>30</u> 31	MP2B MP2C	Mx X	09 -142.831	1
32	MP2C MP2C	Z	82.464	1
		Mx	.096	1
33 34	MP2C MP2C	X	-142.831	5
35	MP2C MP2C	Z	82.464	5
36	MP2C	Mx	.096	5
37	MP4A	X	-32.04	2
38	MP4A	Z	18.498	2
39	MP4A	Mx	.016	2
40	MP4A	X	-32.04	4
41	MP4A	Z	18.498	4
42	MP4A	Mx	.016	4
43	MP4B		-32.04	2
44	MP4B	X	18.498	2
45	MP4B	Mx	016	2
46	MP4B	X	-32.04	4
47	MP4B	Z	18.498	4
48	MP4B	Mx	016	4
49	MP4C	X	-58.938	2
50	MP4C	Z	34.028	2
51	MP4C	Mx	0	2
52	MP4C	X	-58.938	4
53	MP4C	Z	34.028	4
54	MP4C	Mx	0	4
55	M85A	X	-77.686	1.5
56	M85A	Z	44.852	1.5
57	M85A	Mx	0	1.5



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3A	X	-35.238	2.5
59	MP3A	Z	20.344	2.5
60	MP3A	Mx	018	2.5
61	MP3B	X	-35.238	2.5
62	MP3B	Z	20.344	2.5
63	MP3B	Mx	.018	2.5
64	MP3C	X	-46.9	2.5
65	MP3C	Z	27.078	2.5
66	MP3C	Mx	0	2.5
67	MP2A	X	-30.77	2.5
68	MP2A	Z	17.765	2.5
69	MP2A	Mx	015	2.5
70	MP2B	X	-30.77	2.5
71	MP2B	Z	17.765	2.5
72	MP2B	Mx	.015	2.5
73	MP2C	X	-46.9	2.5
74	MP2C	Z	27.078	2.5
75	MP2C	Mx	0	2.5
76	MP1A	X	-60.952	.5
77	MP1A	Z	35.191	.5
78	MP1A	Mx	.03	.5
79	MP1A	X	-60.952	5.5
80	MP1A	Z	35.191	5.5
81	MP1A	Mx	.03	5.5
82	MP1B	X	-60.952	.5
83	MP1B	Z	35.191	.5
84	MP1B	Mx	03	.5
85	MP1B	X	-60.952	5.5
86	MP1B	Z	35.191	5.5
87	MP1B	Mx	03	5.5
88	MP1C	X	-72.231	.5
89	MP1C	Z	41.702	.5
90	MP1C	Mx	0	.5
91	MP1C	Х	-72.231	5.5
92	MP1C	Z	41.702	5.5
93	MP1C	Mx	0	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-110.853	1
2	MP2A	Z	0	1
3	MP2A	Mx	.055	1
4	MP2A	X	-110.853	5
5	MP2A	Z	0	5
6	MP2A	Mx	.055	5
7	MP2B	X	-151.409	1
8	MP2B	Z	0	1
9	MP2B	Mx	.039	1
10	MP2B	X	-151.409	5
11	MP2B	Z	0	5
12	MP2B	Mx	.039	5
13	MP2C	X	-151.409	1
14	MP2C	Z	0	1
15	MP2C	Mx	114	1
16	MP2C	X	-151.409	5
17	MP2C	Z	0	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
18	MP2C	Mx	114	5
19	MP2A	X	-110.853	1
20	MP2A	Ž	0	1
21	MP2A	Mx	.055	1
22	MP2A	X	-110.853	5
23	MP2A	Z	0	5
24	MP2A	Mx	.055	5
25	MP2B	X	-151.409	1
26	MP2B	Z	0	1
27	MP2B	Mx	114	1
28	MP2B	X	-151.409	5
29	MP2B	Z	0	5
30	MP2B	Mx	114	5
31	MP2C	X	-151.409	1
32	MP2C	Z	0	1
33	MP2C	Mx	.039	1
34	MP2C	X	-151.409	5
35	MP2C	Z	0	5
36	MP2C	Mx	.039	5
37	MP4A	X	-26.644	2
38	MP4A	Z	0	2
39	MP4A	Mx	.013	2
40	MP4A	X	-26.644	4
41	MP4A	Z	0	4
42	MP4A	Mx	.013	4
43	MP4B	X	-57.703	2
44	MP4B	Z	0	2
45	MP4B	Mx	014	2
46	MP4B	X	-57.703	4
47	MP4B	Z	0	4
48	MP4B	Mx	014	4
49	MP4C	X	-57.703	2
50	MP4C	Z	0	2
51	MP4C	Mx	014	2
52	MP4C	X	-57.703	4
53	MP4C	Z	0	4
54	MP4C	Mx	014	4
55	M85A	X	-96.672	1.5
56	M85A	Z	0	1.5
57	M85A	Mx X	0	1.5
58	MP3A	X Z	-36.2	2.5 2.5
59	MP3A		018	
60	MP3A	Mx V		2.5
61	MP3B	X Z	-49.666	2.5
63	MP3B MP3B	Mx	.012	2.5 2.5
64	MP3C	X	-49.666	2.5
65	MP3C MP3C	Z	-49.866	2.5
66	MP3C	Mx	.012	2.5 2.5
67	MP2A		-29.322	2.5
68	MP2A	X Z	-29.322	2.5
69	MP2A	Mx	015	2.5
70	MP2B	X	-47.947	2.5
71	MP2B	Z	-47.947	2.5
72	MP2B	Mx	.012	2.5
73	MP2C	X	-47.947	2.5
74	MP2C	Z	0	2.5
74	IVIFZU		U	2.0



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
75	MP2C	Mx	.012	2.5
76	MP1A	X	-66.04	.5
77	MP1A	Z	0	.5
78	MP1A	Mx	.033	.5
79	MP1A	X	-66.04	5.5
80	MP1A	Z	0	5.5
81	MP1A	Mx	.033	5.5
82	MP1B	X	-79.064	.5
83	MP1B	Z	0	.5
84	MP1B	Mx	02	.5
85	MP1B	X	-79.064	5.5
86	MP1B	Z	0	5.5
87	MP1B	Mx	02	5.5
88	MP1C	X	-79.064	.5
89	MP1C	Z	0	.5
90	MP1C	Mx	02	.5
91	MP1C	Χ	-79.064	5.5
92	MP1C	Z	0	5.5
93	MP1C	Mx	02	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-107.709	1
2	MP2A	Z	-62.186	1
3	MP2A	Mx	.018	1
4	MP2A	X	-107.709	5
5	MP2A	Z	-62.186	5
6	MP2A	Mx	.018	5
7	MP2B	X	-142.831	1
8	MP2B	Z	-82.464	1
9	MP2B	Mx	.096	1
10	MP2B	X	-142.831	5
11	MP2B	Z	-82.464	5
12	MP2B	Mx	.096	5
13	MP2C	X	-107.709	1
14	MP2C	Z	-62.186	1
15	MP2C	Mx	09	1
16	MP2C	X	-107.709	5
17	MP2C	Z	-62.186	5
18	MP2C	Mx	09	5
19	MP2A	X	-107.709	1
20	MP2A	Z	-62.186	1
21	MP2A	Mx	.09	1
22	MP2A	X	-107.709	5
23	MP2A	Z	-62.186	5
24	MP2A	Mx	.09	5
25	MP2B	X	-142.831	1
26	MP2B	Z	-82.464	1
27	MP2B	Mx	096	1
28	MP2B	X	-142.831	5
29	MP2B	Z	-82.464	5
30	MP2B	Mx	096	5
31	MP2C	X	-107.709	1
32	MP2C	Z	-62.186	1
33	MP2C	Mx	018	1
34	MP2C	X	-107.709	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
35	MP2C	Z	-62.186	5
36	MP2C	Mx	018	5
37	MP4A	X	-32.04	2
38	MP4A	Z	-18.498	2
39	MP4A	Mx	.016	2
40	MP4A	X	-32.04	4
41	MP4A	Z	-18.498	4
42	MP4A	Mx	.016	4
43	MP4B	X	-58.938	2
44	MP4B	Z	-34.028	2
45	MP4B	Mx	0	2
46	MP4B	X	-58.938	4
47	MP4B	Z	-34.028	4
48	MP4B	Mx	0	4
49	MP4C	X	-32.04	2
50	MP4C	Z	-18.498	2
51	MP4C	Mx	016	2
52	MP4C	X	-32.04	4
53	MP4C	Z	-18.498	4
54	MP4C	Mx	016	4
55	M85A	X	-95.79	1.5
<u>56</u>	M85A	Z	-55.305	1.5
57	M85A	Mx	0	1.5
58	MP3A	X	-35.238	2.5
59	MP3A	Z	-20.344	2.5
60	MP3A	Mx	018	2.5
61	MP3B	X	-46.9	2.5
62	MP3B	Z	-27.078	2.5
63	MP3B	Mx	0	2.5
64	MP3C	X Z	-35.238	2.5
65	MP3C		-20.344	2.5
66	MP3C	Mx	.018	2.5
67	MP2A	X 7	-30.77	2.5 2.5
68 69	MP2A MP2A	Mx	-17.765 015	2.5
70	MP2B	X	-46.9	2.5
71	MP2B	Z	-27.078	2.5
72	MP2B	Mx	0	2.5
73	MP2C	X	-30.77	2.5
74	MP2C	Z	-17.765	2.5
75	MP2C	Mx	.015	2.5
76	MP1A	X	-60.952	.5
77	MP1A	Z	-35.191	.5
78	MP1A	Mx	.03	.5
79	MP1A	X	-60.952	5.5
80	MP1A	Z	-35.191	5.5
81	MP1A	Mx	.03	5.5
82	MP1B	X	-72.231	.5
83	MP1B	Z	-41.702	.5
84	MP1B	Mx	0	.5
85	MP1B	X	-72.231	5.5
86	MP1B	Z	-41.702	5.5
87	MP1B	Mx	0	5.5
88	MP1C	X	-60.952	.5
89	MP1C	Z	-35.191	.5
90	MP1C	Mx	03	.5
91	MP1C	X	-60.952	5.5



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
92	MP1C	Z	-35.191	5.5
93	MP1C	Mx	03	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X Z	-75.704	1
2	MP2A	Z	-131.124	1
3	MP2A	Mx	039	1
4	MP2A	X	-75.704	5
5	MP2A	Ζ	-131.124	5
6	MP2A	Mx	039	5
7	MP2B	Χ	-75.704	1
8	MP2B	Z	-131.124	1
9	MP2B	Mx	.114	1
10	MP2B	Χ	-75.704	5
11	MP2B	Z	-131.124	5
12	MP2B	Mx	.114	5
13	MP2C	Χ	-55.426	1
14	MP2C	Z	-96.001	1
15	MP2C	Mx	055	1
16	MP2C		-55.426	5
17	MP2C	X Z	-96.001	5
18	MP2C	Mx	055	5
19	MP2A	X	-75.704	1
20	MP2A	Z	-131.124	1
21	MP2A	Mx	.114	1
22	MP2A	X	-75.704	5
23	MP2A	Z	-131.124	5
24	MP2A	Mx	.114	5
25	MP2B	X	-75.704	1
26	MP2B	Z	-131.124	1
27	MP2B	Mx	039	1
28	MP2B	X	-75.704	5
29	MP2B	Z	-131.124	5
30	MP2B	Mx	039	5
31	MP2C	X	-55.426	1
32	MP2C	7	-96.001	1
33	MP2C	Mx	055	1
34	MP2C	X	-55.426	5
35	MP2C	Z	-96.001	5
36	MP2C MP2C	Mx	055	5
37	MP4A	X	-28.852	2
38	MP4A	Z	-49.972	2
39	MP4A MP4A	Mx	.014	2
40	MP4A MP4A	X	-28.852	4
		7		
41	MP4A	Mx	-49.972 .014	4
43	MP4A			
	MP4B	X Z	-28.852	2
44	MP4B		-49.972	2
45	MP4B	Mx	.014	2
46	MP4B	X Z	-28.852	4
47	MP4B		-49.972	4
48	MP4B	Mx	.014	4
49	MP4C	X	-13.322	2 2
50	MP4C	Z	-23.074	
51	MP4C	Mx	013	2

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

Wicili	ber Politi Loads (BLC 14.	100	11 Page 1 12 1 12 1 12 12 12 12 12 12 12 12 12	
	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft.%]
52	MP4C	X	-13.322	4
53	MP4C	Z	-23.074	4
54	MP4C	Mx	013	4
55	M85A	X	-58.789	1.5
56	M85A	Z	-101.825	1.5
57	M85A	Mx	0	1.5
58	MP3A	X	-24.833	2.5
59	MP3A	Z	-43.012	2.5
60	MP3A	Mx	012	2.5
61	MP3B	X	-24.833	2.5
62	MP3B		-43.012	2.5
63	MP3B	Mx	012	2.5
64	MP3C	X	-18.1	2.5
65	MP3C	Z	-31.35	2.5
66	MP3C	Mx	.018	2.5
67	MP2A	X	-23.973	2.5
68	MP2A	Z	-41.523	2.5
69	MP2A	Mx	012	2.5
70	MP2B	X	-23.973	2.5
71	MP2B	Z	-41.523	2.5
72	MP2B	Mx	012	2.5
73	MP2C	X	-14.661	2.5
74	MP2C	Z	-25.394	2.5
75	MP2C	Mx	.015	2.5
76	MP1A	X	-39.532	.5
77	MP1A	Z	-68.471	.5
78	MP1A	Mx	.02	.5
79	MP1A	X	-39.532	5.5
80	MP1A	Z	-68.471	5.5
81	MP1A	Mx	.02	5.5
82	MP1B	X	-39.532	.5
83	MP1B	Z	-68.471	.5
84	MP1B	Mx	.02	.5
85	MP1B	X	-39.532	5.5
86	MP1B	Z	-68.471	5.5
87	MP1B	Mx	.02	5.5
88	MP1C	X	-33.02	.5
89	MP1C	Z	-57.192	.5
90	MP1C	Mx	033	.5
91	MP1C	X	-33.02	5.5
92	MP1C	Z	-57.192	5.5
93	MP1C	Mx	033	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	1
2	MP2A	Z	-22.245	1
3	MP2A	Mx	013	1
4	MP2A	X	0	5
5	MP2A	Z	-22.245	5
6	MP2A	Mx	013	5
7	MP2B	X	0	1
8	MP2B	Z	-17.116	1
9	MP2B	Mx	.012	1
10	MP2B	X	0	5
11	MP2B	Z	-17.116	5

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

	Manahantahat	Dina etiene	Manusia de Elle de 641	L = ==4:==Ef4 0/1
12	Member Label MP2B	Direction Mx	Magnitude[lb,k-ft] .012	Location[ft,%] 5
13	MP2C	X	0	1
14	MP2C MP2C	Z	-17.116	1
15	MP2C	Mx	002	1
16	MP2C	X	002	5
17	MP2C	Z	-17.116	5
18	MP2C	Mx	002	5
19	MP2A	X	002	<u>5</u> 1
20	MP2A	Z	-22.245	1
21	MP2A	Mx	.013	1
22	MP2A	X	0	5
23	MP2A	Z	-22.245	5
24	MP2A	Mx	.013	5
25	MP2B	X	0	<u> </u>
26	MP2B	Z	-17.116	1
27	MP2B	Mx	.002	1
28	MP2B	X	0	5
29	MP2B	Z	-17.116	5
30	MP2B	Mx	.002	5
31	MP2C	X	0	1
32	MP2C	Z	-17.116	1
33	MP2C	Mx	012	1
34	MP2C	X	0	5
35	MP2C	Z	-17.116	5
36	MP2C	Mx	012	5
37	MP4A	X	0	2
38	MP4A	Z	-9.455	2
39	MP4A	Mx	0	2
40	MP4A	X	0	4
41	MP4A	Z	-9.455	4
42	MP4A	Mx	0	4
43	MP4B	X	0	2
44	MP4B	Ž	-5.382	2
45	MP4B	Mx	.002	2
46	MP4B	X	0	4
47	MP4B	Z	-5.382	4
48	MP4B	Mx	.002	4
49	MP4C	X	0	2
50	MP4C	Z	-5.382	2
51	MP4C	Mx	002	2
52	MP4C	X	0	4
53	MP4C	Z	-5.382	4
54	MP4C	Mx	002	4
55	M85A	X	0	1.5
56	M85A		-15.483	1.5
57	M85A	Mx	0	1.5
58	MP3A	X	0	2.5
59	MP3A	Z	-7.965	2.5
60	MP3A	Mx	0	2.5
61	MP3B	X	0	2.5
62	MP3B	Z	-6.145	2.5
63	MP3B	Mx	003	2.5
64	MP3C	X	0	2.5
65	MP3C	Z	-6.145	2.5
66	MP3C	Mx	.003	2.5
67	MP2A	X	0	2.5
68	MP2A	Z	-7.965	2.5



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
69	MP2A	Mx	0	2.5
70	MP2B	Χ	0	2.5
71	MP2B	Z	-5.453	2.5
72	MP2B	Mx	002	2.5
73	MP2C	Χ	0	2.5
74	MP2C	Z	-5.453	2.5
75	MP2C	Mx	.002	2.5
76	MP1A	Χ	0	.5
77	MP1A	Ζ	-11.721	.5
78	MP1A	Mx	0	.5
79	MP1A	Χ	0	5.5
80	MP1A	Z	-11.721	5.5
81	MP1A	Mx	0	5.5
82	MP1B	Χ	0	.5
83	MP1B	Ζ	-10.047	.5
84	MP1B	Mx	.004	.5
85	MP1B	Χ	0	5.5
86	MP1B	Z	-10.047	5.5
87	MP1B	Mx	.004	5.5
88	MP1C	Χ	0	.5
89	MP1C	Z	-10.047	.5
90	MP1C	Mx	004	.5
91	MP1C	Χ	0	5.5
92	MP1C	Z	-10.047	5.5
93	MP1C	Mx	004	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	10.268	1
2	MP2A	Z	-17.784	1
3	MP2A	Mx	016	1
4	MP2A	X	10.268	5
5	MP2A	Z	-17.784	5
6	MP2A	Mx	016	5
7	MP2B	X	7.703	1
8	MP2B	Z	-13.342	1
9	MP2B	Mx	.008	1
10	MP2B	Χ	7.703	5
11	MP2B	Z	-13.342	5
12	MP2B	Mx	.008	5
13	MP2C	X	10.268	1
14	MP2C	Z	-17.784	1
15	MP2C	Mx	.005	1
16	MP2C	Χ	10.268	5
17	MP2C	Z	-17.784	5
18	MP2C	Mx	.005	5
19	MP2A	X	10.268	1
20	MP2A	Z	-17.784	1
21	MP2A	Mx	.005	1
22	MP2A	X	10.268	5
23	MP2A	Z	-17.784	5
24	MP2A	Mx	.005	5
25	MP2B	Χ	7.703	1
26	MP2B	Z	-13.342	1
27	MP2B	Mx	.008	1
28	MP2B	X	7.703	5

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

	Mambarlabal	Direction	Magnituda (Ib. It. #1)	Location[ft 0/1
29	Member Label MP2B	Direction Z	Magnitude[lb,k-ft] -13.342	Location[ft,%] 5
30	MP2B	Mx	.008	5
31	MP2C	X	10.268	1
32	MP2C	Z	-17.784	1
33	MP2C	Mx	016	1
34	MP2C	X	10.268	5
35	MP2C	Z	-17.784	5
36	MP2C	Mx	016	5
37	MP4A		4.049	2
38	MP4A	X	-7.013	2
39	MP4A	Mx	002	2
40	MP4A	X	4.049	4
41	MP4A	Z	-7.013	4
42	MP4A	Mx	002	4
43	MP4B	X	2.012	2
44	MP4B	Z	-3.485	2
45	MP4B	Mx	.002	2
46	MP4B	X	2.012	4
47	MP4B	Z	-3.485	4
48	MP4B	Mx	.002	4
49	MP4C	X	4.049	2
50	MP4C	Z	-7.013	2
51	MP4C	Mx	002	2
52	MP4C	X	4.049	4
53	MP4C	Z	-7.013	4
54	MP4C	Mx	002	4
55	M85A	X	6.848	1.5
56	M85A	Z	-11.861	1.5
57	M85A	Mx	0	1.5
58	MP3A	X	3.679	2.5
59	MP3A	Z	-6.372	2.5
60	MP3A	Mx	.002	2.5
61	MP3B	X	2.769	2.5
62	MP3B	Z	-4.796	2.5
63	MP3B	Mx	003	2.5
64	MP3C	X	3.679	2.5
65	MP3C	Z	-6.372	2.5
66	MP3C	Mx	.002	2.5
67	MP2A	X	3.564	2.5
68	MP2A	Ž	-6.173	2.5
69	MP2A	Mx	.002	2.5
70	MP2B	X	2.308	2.5
71	MP2B	Z	-3.998	2.5
72	MP2B	Mx	002	2.5
73	MP2C	X	3.564	2.5
74	MP2C	Ž	-6.173	2.5
75	MP2C	Mx	.002	2.5
76	MP1A	X	5.581	.5
77	MP1A	Ž	-9.667	.5
78	MP1A	Mx	003	.5
79	MP1A	X	5.581	5.5
80	MP1A	Z	-9.667	5.5
81	MP1A	Mx	003	5.5
82	MP1B	X	4.744	.5
83	MP1B	Z	-8.217	.5
84	MP1B	Mx	.005	.5
85	MP1B	X	4.744	5.5
	IVII IU		1 7.177	0.0



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
86	MP1B	Z	-8.217	5.5
87	MP1B	Mx	.005	5.5
88	MP1C	X	5.581	.5
89	MP1C	Z	-9.667	.5
90	MP1C	Mx	003	.5
91	MP1C	X	5.581	5.5
92	MP1C	Z	-9.667	5.5
93	MP1C	Mx	003	5.5

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

1         MP2A         X         14.823         1           2         MP2A         Z         -8.558         1           3         MP2A         Mx         -0.012         1           4         MP2A         X         14.823         5           5         MP2A         Z         -8.558         5           6         MP2A         Mx         -0.012         5           7         MP2B         X         14.823         1           8         MP2B         X         14.823         1           9         MP2B         Mx         .002         1           10         MP2B         X         14.823         5           11         MP2B         X         19.265         1           12         MP2B         Mx         .002         5           13         MP2C         X         19.265         1           14         MP2C         X         19.
3         MP2A         Mx        012         1           4         MP2A         X         14.823         5           5         MP2A         Z         -8.558         5           6         MP2A         Mx        012         5           7         MP2B         X         14.823         1           8         MP2B         X         14.823         1           9         MP2B         Mx         .002         1           10         MP2B         X         14.823         5           11         MP2B         X         14.823         5           11         MP2B         X         14.823         5           11         MP2B         X         14.823         5           12         MP2B         X         14.823         5           13         MP2C         X         19.265         1           14         MP2C         X         19.265         1           14         MP2C         X         19.265         5           17         MP2C         X         19.265         5           17         MP2C         X         19
4         MP2A         X         14.823         5           5         MP2A         Z         -8.558         5           6         MP2A         Mx         -012         5           7         MP2B         X         14.823         1           8         MP2B         Z         -8.558         1           9         MP2B         X         14.823         5           10         MP2B         X         14.823         5           11         MP2B         X         19.265         1           13         MP2C         X         19.265         1           14         MP2C         X         19.265         1           14         MP2C         X         19.265         5           17         MP2C         X         19.265         5           17         MP2C         X         19.265         5           17         MP2C         X         1
5         MP2A         Z         -8.558         5           6         MP2A         Mx         -012         5           7         MP2B         X         14.823         1           8         MP2B         Z         -8.558         1           9         MP2B         MX         .002         1           10         MP2B         X         14.823         5           11         MP2B         X         14.823         5           12         MP2B         X         14.823         5           12         MP2B         MX         .002         5           13         MP2C         X         19.265         1           14         MP2C         X         19.265         1           15         MP2C         MX         .013         1           16         MP2C         X         19.265         5           17         MP2C         Z         -11.123         5           18         MP2C         Mx         .013         5           19         MP2A         X         14.823         1           20         MP2A         X         14.
6         MP2A         Mx        012         5           7         MP2B         X         14.823         1           8         MP2B         Z         -8.558         1           9         MP2B         Mx         .002         1           10         MP2B         X         14.823         5           11         MP2B         Z         -8.558         5           12         MP2B         Mx         .002         5           13         MP2C         X         19.265         1           14         MP2C         X         19.265         1           14         MP2C         Mx         .013         1           15         MP2C         X         19.265         5           17         MP2C         X         19.265         5           17         MP2C         X         19.265         5           18         MP2C         Mx         .013         5           19         MP2A         X         14.823         1           20         MP2A         X         14.823         1           21         MP2A         X         14
6         MP2A         Mx        012         5           7         MP2B         X         14.823         1           8         MP2B         Z         -8.558         1           9         MP2B         MX         .002         1           10         MP2B         X         14.823         5           11         MP2B         Z         -8.558         5           11         MP2B         X         19.265         5           12         MP2B         MX         .002         5           13         MP2C         X         19.265         1           14         MP2C         X         19.265         1           14         MP2C         X         19.265         5           17         MP2C         X         19.265         5           17         MP2C         X         19.265         5           18         MP2C         MX         .013         5           19         MP2A         X         14.823         1           20         MP2A         X         14.823         1           21         MP2A         X         1
8         MP2B         Z         -8.558         1           9         MP2B         Mx         .002         1           10         MP2B         X         14.823         5           11         MP2B         Z         -8.558         5           12         MP2B         Mx         .002         5           13         MP2C         X         19.265         1           14         MP2C         Z         -11.123         1           15         MP2C         Mx         .013         1           16         MP2C         X         19.265         5           17         MP2C         X         19.265         5           18         MP2C         X         19.265         5           18         MP2C         X         19.265         5           19         MP2A         X         14.823         1           20         MP2A         X         14.823         1           21         MP2A         X         14.823         5           24         MP2A         X         14.823         5           24         MP2A         X <t< td=""></t<>
8         MP2B         Z         -8.558         1           9         MP2B         Mx         .002         1           10         MP2B         X         14.823         5           11         MP2B         Z         -8.558         5           12         MP2B         Mx         .002         5           13         MP2C         X         19.265         1           14         MP2C         Z         -11.123         1           15         MP2C         Mx         .013         1           16         MP2C         X         19.265         5           17         MP2C         X         19.265         5           18         MP2C         X         19.265         5           18         MP2C         X         19.265         5           19         MP2A         X         14.823         1           20         MP2A         X         14.823         1           21         MP2A         X         14.823         5           24         MP2A         X         14.823         5           24         MP2A         X <t< td=""></t<>
10         MP2B         X         14.823         5           11         MP2B         Z         -8.558         5           12         MP2B         Mx         .002         5           13         MP2C         X         19.265         1           14         MP2C         Z         -11.123         1           15         MP2C         Mx         .013         1           16         MP2C         X         19.265         5           17         MP2C         Z         -11.123         5           18         MP2C         Mx         .013         5           18         MP2C         Mx         .013         5           19         MP2A         X         14.823         1           20         MP2A         X         14.823         1           21         MP2A         X         14.823         5           21         MP2A         X         14.823         5           23         MP2A         X         14.823         5           24         MP2A         X         14.823         1           25         MP2B         X
10         MP2B         X         14.823         5           11         MP2B         Z         -8.558         5           12         MP2B         Mx         .002         5           13         MP2C         X         19.265         1           14         MP2C         Z         -11.123         1           15         MP2C         Mx         .013         1           16         MP2C         X         19.265         5           17         MP2C         Z         -11.123         5           18         MP2C         Mx         .013         5           19         MP2C         Mx         .013         5           19         MP2A         X         14.823         1           20         MP2A         X         14.823         1           21         MP2A         X         14.823         5           21         MP2A         X         14.823         5           23         MP2A         X         14.823         5           24         MP2A         X         14.823         1           25         MP2B         X
11         MP2B         Z         -8.558         5           12         MP2B         Mx         .002         5           13         MP2C         X         19.265         1           14         MP2C         Z         -11.123         1           15         MP2C         Mx         .013         1           16         MP2C         X         19.265         5           17         MP2C         Z         -11.123         5           18         MP2C         Mx         .013         5           19         MP2A         X         14.823         1           20         MP2A         X         14.823         1           21         MP2A         X         14.823         5           23         MP2A         X         14.823         5           23         MP2A         X         14.823         5           24         MP2A         X         14.823         1           25         MP2B         X         14.823         1           26         MP2B         X         14.823         1           27         MP2B         X
12         MP2B         Mx         .002         5           13         MP2C         X         19.265         1           14         MP2C         Z         -11.123         1           15         MP2C         Mx         .013         1           16         MP2C         X         19.265         5           17         MP2C         Z         -11.123         5           18         MP2C         Mx         .013         5           18         MP2C         Mx         .013         5           19         MP2A         X         14.823         1           20         MP2A         X         14.823         1           21         MP2A         X         14.823         5           21         MP2A         X         14.823         5           23         MP2A         X         14.823         5           24         MP2A         Mx        002         5           25         MP2B         X         14.823         1           26         MP2B         X         14.823         5           27         MP2B         X
13         MP2C         X         19.265         1           14         MP2C         Z         -11.123         1           15         MP2C         Mx         .013         1           16         MP2C         X         19.265         5           17         MP2C         Z         -11.123         5           18         MP2C         Mx         .013         5           18         MP2C         Mx         .013         5           19         MP2A         X         14.823         1           20         MP2A         X         14.823         1           21         MP2A         X         14.823         5           21         MP2A         X         14.823         5           23         MP2A         X         14.823         5           24         MP2A         X         14.823         1           25         MP2B         X         14.823         1           26         MP2B         X         14.823         1           27         MP2B         X         14.823         5           29         MP2B         X
14       MP2C       Z       -11.123       1         15       MP2C       Mx       .013       1         16       MP2C       X       19.265       5         17       MP2C       Z       -11.123       5         18       MP2C       Mx       .013       5         19       MP2A       X       14.823       1         20       MP2A       Z       -8.558       1         21       MP2A       Mx      002       1         22       MP2A       X       14.823       5         23       MP2A       Z       -8.558       5         24       MP2A       Mx      002       5         25       MP2B       X       14.823       1         26       MP2B       X       14.823       1         27       MP2B       X       14.823       5         29       MP2B       X       14.823       5         30       MP2B       X       14.823       5         30       MP2B       Mx       .012       5         31       MP2C       X       19.265       1
15         MP2C         Mx         .013         1           16         MP2C         X         19.265         5           17         MP2C         Z         -11.123         5           18         MP2C         Mx         .013         5           19         MP2A         X         14.823         1           20         MP2A         X         14.823         1           20         MP2A         Z         -8.558         1           21         MP2A         MX        002         1           22         MP2A         X         14.823         5           23         MP2A         X         14.823         5           24         MP2A         MX        002         5           25         MP2B         X         14.823         1           26         MP2B         X         14.823         1           27         MP2B         X         14.823         5           29         MP2B         X         14.823         5           30         MP2B         X         14.823         5           31         MP2C         X
16     MP2C     X     19.265     5       17     MP2C     Z     -11.123     5       18     MP2C     Mx     .013     5       19     MP2A     X     14.823     1       20     MP2A     Z     -8.558     1       21     MP2A     Mx    002     1       22     MP2A     X     14.823     5       23     MP2A     Z     -8.558     5       24     MP2A     Mx    002     5       25     MP2B     X     14.823     1       26     MP2B     Z     -8.558     1       27     MP2B     Mx     .012     1       28     MP2B     X     14.823     5       29     MP2B     X     14.823     5       30     MP2B     X     14.823     5       30     MP2B     X     14.823     5       31     MP2C     X     19.265     1       32     MP2C     Z     -11.123     1
17     MP2C     Z     -11.123     5       18     MP2C     Mx     .013     5       19     MP2A     X     14.823     1       20     MP2A     Z     -8.558     1       21     MP2A     Mx    002     1       22     MP2A     X     14.823     5       23     MP2A     Z     -8.558     5       24     MP2A     Mx    002     5       25     MP2B     X     14.823     1       26     MP2B     Z     -8.558     1       27     MP2B     Mx     .012     1       28     MP2B     X     14.823     5       29     MP2B     X     14.823     5       30     MP2B     X     14.823     5       30     MP2B     X     19.265     1       31     MP2C     X     19.265     1       32     MP2C     Z     -11.123     1
18       MP2C       Mx       .013       5         19       MP2A       X       14.823       1         20       MP2A       Z       -8.558       1         21       MP2A       Mx      002       1         22       MP2A       X       14.823       5         23       MP2A       Z       -8.558       5         24       MP2A       Mx      002       5         25       MP2B       X       14.823       1         26       MP2B       Z       -8.558       1         27       MP2B       Mx       .012       1         28       MP2B       X       14.823       5         29       MP2B       X       14.823       5         30       MP2B       X       14.823       5         30       MP2B       X       19.265       1         31       MP2C       X       19.265       1         32       MP2C       Z       -11.123       1
19       MP2A       X       14.823       1         20       MP2A       Z       -8.558       1         21       MP2A       Mx      002       1         22       MP2A       X       14.823       5         23       MP2A       Z       -8.558       5         24       MP2A       Mx      002       5         25       MP2B       X       14.823       1         26       MP2B       Z       -8.558       1         27       MP2B       Mx       .012       1         28       MP2B       X       14.823       5         29       MP2B       X       14.823       5         30       MP2B       X       14.823       5         30       MP2B       X       19.265       1         31       MP2C       X       19.265       1         32       MP2C       Z       -11.123       1
20       MP2A       Z       -8,558       1         21       MP2A       Mx      002       1         22       MP2A       X       14,823       5         23       MP2A       Z       -8,558       5         24       MP2A       Mx      002       5         25       MP2B       X       14,823       1         26       MP2B       Z       -8,558       1         27       MP2B       Mx       .012       1         28       MP2B       X       14,823       5         29       MP2B       X       14,823       5         30       MP2B       X       14,823       5         30       MP2B       X       19,265       1         31       MP2C       X       19,265       1         32       MP2C       Z       -11,123       1
21       MP2A       Mx      002       1         22       MP2A       X       14.823       5         23       MP2A       Z       -8.558       5         24       MP2A       Mx      002       5         25       MP2B       X       14.823       1         26       MP2B       Z       -8.558       1         27       MP2B       Mx       .012       1         28       MP2B       X       14.823       5         29       MP2B       X       14.823       5         30       MP2B       X       19.265       5         31       MP2C       X       19.265       1         32       MP2C       Z       -11.123       1
22       MP2A       X       14.823       5         23       MP2A       Z       -8.558       5         24       MP2A       Mx      002       5         25       MP2B       X       14.823       1         26       MP2B       Z       -8.558       1         27       MP2B       Mx       .012       1         28       MP2B       X       14.823       5         29       MP2B       Z       -8.558       5         30       MP2B       Mx       .012       5         31       MP2C       X       19.265       1         32       MP2C       Z       -11.123       1
23       MP2A       Z       -8,558       5         24       MP2A       Mx      002       5         25       MP2B       X       14.823       1         26       MP2B       Z       -8.558       1         27       MP2B       Mx       .012       1         28       MP2B       X       14.823       5         29       MP2B       Z       -8.558       5         30       MP2B       Mx       .012       5         31       MP2C       X       19.265       1         32       MP2C       Z       -11.123       1
24       MP2A       Mx      002       5         25       MP2B       X       14.823       1         26       MP2B       Z       -8.558       1         27       MP2B       Mx       .012       1         28       MP2B       X       14.823       5         29       MP2B       Z       -8.558       5         30       MP2B       Mx       .012       5         31       MP2C       X       19.265       1         32       MP2C       Z       -11.123       1
25       MP2B       X       14.823       1         26       MP2B       Z       -8.558       1         27       MP2B       Mx       .012       1         28       MP2B       X       14.823       5         29       MP2B       Z       -8.558       5         30       MP2B       Mx       .012       5         31       MP2C       X       19.265       1         32       MP2C       Z       -11.123       1
26     MP2B     Z     -8.558     1       27     MP2B     Mx     .012     1       28     MP2B     X     14.823     5       29     MP2B     Z     -8.558     5       30     MP2B     Mx     .012     5       31     MP2C     X     19.265     1       32     MP2C     Z     -11.123     1
27     MP2B     Mx     .012     1       28     MP2B     X     14.823     5       29     MP2B     Z     -8.558     5       30     MP2B     Mx     .012     5       31     MP2C     X     19.265     1       32     MP2C     Z     -11.123     1
28     MP2B     X     14.823     5       29     MP2B     Z     -8.558     5       30     MP2B     Mx     .012     5       31     MP2C     X     19.265     1       32     MP2C     Z     -11.123     1
29     MP2B     Z     -8.558     5       30     MP2B     Mx     .012     5       31     MP2C     X     19.265     1       32     MP2C     Z     -11.123     1
30         MP2B         Mx         .012         5           31         MP2C         X         19.265         1           32         MP2C         Z         -11.123         1
31         MP2C         X         19.265         1           32         MP2C         Z         -11.123         1
34 MP2C X 19.265 5
35 MP2C Z -11.123 5
36 MP2C Mx013 5
37 MP4A X 4.661 2
38 MP4A Z -2.691 2
39 MP4A Mx002 2
40 MP4A X 4.661 4
41 MP4A Z -2.691 4
42 MP4A Mx002 4
43 MP4B X 4.661 2
44 MP4B Z -2.691 2
45 MP4B Mx .002 2



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
46	MP4B	X	4.661	4
47	MP4B	Z	-2.691	4
48	MP4B	Mx	.002	4
49	MP4C	X	8.188	2
50	MP4C	Z	-4.728	2
51	MP4C	Mx	0	2
52	MP4C	X	8.188	4
53	MP4C	Z	-4.728	4
54	MP4C	Mx	0	4
55	M85A	X	11.088	1.5
56	M85A	Z	-6.402	1.5
57	M85A	Mx	0	1.5
58	MP3A	X	5.322	2.5
59	MP3A	Z	-3.072	2.5
60	MP3A	Mx	.003	2.5
61	MP3B	X	5.322	2.5
62	MP3B	Z	-3.072	2.5
63	MP3B	Mx	003	2.5
64	MP3C	X	6.898	2.5
65	MP3C	Z	-3.982	2.5
66	MP3C	Mx	0	2.5
67	MP2A		4.723	2.5
68	MP2A	X Z	-2.727	2.5
69	MP2A	Mx	.002	2.5
70	MP2B	X	4.723	2.5
71	MP2B	Ž	-2.727	2.5
72	MP2B	Mx	002	2.5
73	MP2C	X	6.898	2.5
74	MP2C	Z	-3.982	2.5
75	MP2C	Mx	0	2.5
76	MP1A	X	8.701	.5
77	MP1A	Z	-5.023	.5
78	MP1A	Mx	004	.5
79	MP1A	X	8.701	5.5
80	MP1A	Ž	-5.023	5.5
81	MP1A	Mx	004	5.5
82	MP1B	X	8.701	.5
83	MP1B	Z	-5.023	.5
84	MP1B	Mx	.004	.5
85	MP1B	X	8.701	5.5
86	MP1B	Ž	-5.023	5.5
87	MP1B	Mx	.004	5.5
88	MP1C	X	10.151	.5
89	MP1C	Ž	-5.86	.5
90	MP1C	Mx	0	.5
91	MP1C	X	10.151	5.5
92	MP1C	Ž	-5.86	5.5
93	MP1C	Mx	0	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	15.407	1
2	MP2A	Z	0	1
3	MP2A	Mx	008	1
4	MP2A	X	15.407	5
5	MP2A	Z	0	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
6	MP2A	Mx	008	5
7	MP2B	X	20.536	1
8	MP2B	Z	0	1
9	MP2B	Mx	005	1
10	MP2B	X	20.536	5
11	MP2B	Z	0	5
12	MP2B	Mx	005	5
13	MP2C	X	20.536	1
14	MP2C	Z	0	1
15	MP2C	Mx	.016	1
16	MP2C	X	20.536	5
17	MP2C	Z	0	5
18	MP2C	Mx	.016	5
19	MP2A	X	15.407	1
20	MP2A	Z	0	1
21	MP2A	Mx	008	1
22	MP2A	X	15.407	5
23	MP2A	Z	0	5
24	MP2A	Mx	008	5
25	MP2B	X	20.536	1
26	MP2B	Z	0	1
27	MP2B	Mx	.016	1
28	MP2B	X	20.536	5
29	MP2B	Z	0	5
30	MP2B	Mx	.016	5
31	MP2C	X	20.536	1
32	MP2C	Z	0	1
33	MP2C	Mx	005	11
34	MP2C	X	20.536	5
35	MP2C	Z	0	5
36	MP2C	Mx	005	5
37	MP4A	X	4.024	2
38	MP4A	Z	0	2
39	MP4A	Mx	002	2
40	MP4A	X	4.024	4
41	MP4A	Z	0	4
42	MP4A	Mx	002	4
43	MP4B	X	8.097	2
44	MP4B	Z	0	2
45	MP4B	Mx V	.002	2
46 47	MP4B	X Z	8.097	4
48	MP4B MP4B	Mx	.002	4
48	MP4B MP4C		8.097	2
50	MP4C MP4C	X	0	2
51	MP4C MP4C	Mx	.002	2
52	MP4C MP4C	X	8.097	4
53	MP4C MP4C	Z	0.097	4
54	MP4C MP4C	Mx	.002	4
55	M85A	X	13.696	1.5
56	M85A	Z	0	1.5
57	M85A	Mx	0	1.5
58	MP3A	X	5.538	2.5
59	MP3A	Z	0	2.5
60	MP3A	Mx	.003	2.5
61	MP3B	X	7.358	2.5
62	MP3B	Z	0	2.5
UZ	טט וואו		U	2.0

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
63	MP3B	Mx	002	2.5
64	MP3C	X	7.358	2.5
65	MP3C	Z	0	2.5
66	MP3C	Mx	002	2.5
67	MP2A	X	4.616	2.5
68	MP2A	Z	0	2.5
69	MP2A	Mx	.002	2.5
70	MP2B	X	7.128	2.5
71	MP2B	Z	0	2.5
72	MP2B	Mx	002	2.5
73	MP2C	X	7.128	2.5
74	MP2C	Z	0	2.5
75	MP2C	Mx	002	2.5
76	MP1A	X	9.488	.5
77	MP1A	Z	0	.5
78	MP1A	Mx	005	.5
79	MP1A	X	9.488	5.5
80	MP1A	Z	0	5.5
81	MP1A	Mx	005	5.5
82	MP1B	X	11.163	.5
83	MP1B	Z	0	.5
84	MP1B	Mx	.003	.5
85	MP1B	X	11.163	5.5
86	MP1B	Z	0	5.5
87	MP1B	Mx	.003	5.5
88	MP1C	X	11.163	.5
89	MP1C	Z	0	.5
90	MP1C	Mx	.003	.5
91	MP1C	X	11.163	5.5
92	MP1C	Z	0	5.5
93	MP1C	Mx	.003	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	14.823	1
2	MP2A	Z	8.558	1
3	MP2A	Mx	002	1
4	MP2A	X	14.823	5
5	MP2A	Z	8.558	5
6	MP2A	Mx	002	5
7	MP2B	X	19.265	1
8	MP2B	Z	11.123	1
9	MP2B	Mx	013	1
10	MP2B	X	19.265	5
11	MP2B	Z	11.123	5
12	MP2B	Mx	013	5
13	MP2C	X	14.823	1
14	MP2C	Z	8.558	1
15	MP2C	Mx	.012	1
16	MP2C	X	14.823	5
17	MP2C	Z	8.558	5
18	MP2C	Mx	.012	5
19	MP2A	X	14.823	1
20	MP2A	Z	8.558	1
21	MP2A	Mx	012	1
22	MP2A	X	14.823	5

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

	Marsharlahal		The state of the s	L
23	Member Label MP2A	Direction Z	Magnitude[lb,k-ft] 8.558	Location[ft,%] 5
24	MP2A	Mx	012	5
25	MP2B	X	19.265	1
26	MP2B	Z	11.123	1
27	MP2B	Mx	.013	1
28	MP2B	X	19.265	5
29	MP2B	Z	11.123	5
30	MP2B	Mx	.013	5
31	MP2C	X	14.823	1
32	MP2C	Z	8.558	1
33	MP2C	Mx	.002	1
34	MP2C	X	14.823	5
35	MP2C	Z	8.558	5
36	MP2C	Mx	.002	5
37	MP4A	X	4.661	2
38	MP4A	Ž	2.691	2
39	MP4A	Mx	002	2
40	MP4A	X	4.661	4
41	MP4A	Z	2.691	4
42	MP4A	Mx	002	4
43	MP4B	X	8.188	2
44	MP4B	Z	4.728	2
45	MP4B	Mx	0	2
46	MP4B	X	8.188	4
47	MP4B	Z	4.728	4
48	MP4B	Mx	0	4
49	MP4C	X	4.661	2
50	MP4C	Z	2.691	2
51	MP4C	Mx	.002	2
52	MP4C	X	4.661	4
53	MP4C	Z	2.691	4
54	MP4C	Mx	.002	4
55	M85A	X	13.408	1.5
56	M85A	Z	7.741	1.5
57	M85A	Mx	0	1.5
58	MP3A	X	5.322	2.5
59	MP3A	Z	3.072	2.5
60	MP3A	Mx	.003	2.5
61	MP3B	X	6.898	2.5
62	MP3B	Z	3.982	2.5
63	MP3B	Mx	0	2.5
64	MP3C	X	5.322	2.5
65	MP3C	Z	3.072	2.5
66	MP3C	Mx	003	2.5
67	MP2A	X	4.723	2.5
68	MP2A	Z	2.727	2.5
69	MP2A	Mx	.002	2.5
70	MP2B	X	6.898	2.5
71	MP2B	Z	3.982	2.5
72	MP2B	Mx ×	0	2.5
73	MP2C	X	4.723	2.5
74	MP2C		2.727	2.5
75	MP2C	Mx	002	2.5
76	MP1A	X	8.701	.5
77	MP1A	Z	5.023	.5
78	MP1A	Mx	004	.5
79	MP1A	X	8.701	5.5



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
80	MP1A	Z	5.023	5.5
81	MP1A	Mx	004	5.5
82	MP1B	X	10.151	.5
83	MP1B	Z	5.86	.5
84	MP1B	Mx	0	.5
85	MP1B	X	10.151	5.5
86	MP1B	Z	5.86	5.5
87	MP1B	Mx	0	5.5
88	MP1C	X	8.701	.5
89	MP1C	Z	5.023	.5
90	MP1C	Mx	.004	.5
91	MP1C	X	8.701	5.5
92	MP1C	Z	5.023	5.5
93	MP1C	Mx	.004	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	10.268	1
2	MP2A	Z	17.784	1
3	MP2A	Mx	.005	1
4	MP2A	X	10.268	5
5	MP2A	Z	17.784	5
6	MP2A	Mx	.005	5
7	MP2B	X	10.268	1
8	MP2B	Z	17.784	1
9	MP2B	Mx	016	1
10	MP2B	X	10.268	5
11	MP2B	Z	17.784	5
12	MP2B	Mx	016	5
13	MP2C	X	7.703	1
14	MP2C	Z	13.342	1
15	MP2C	Mx	.008	1
16	MP2C	X	7.703	5
17	MP2C	Z	13.342	5
18	MP2C	Mx	.008	5
19	MP2A	X	10.268	1
20	MP2A	Z	17.784	1
21	MP2A	Mx	016	1
22	MP2A	X	10.268	5
23	MP2A	Z	17.784	5
24	MP2A	Mx	016	5
25	MP2B	X	10.268	1
26	MP2B	Z	17.784	1
27	MP2B	Mx	.005	1
28	MP2B	X	10.268	5
29	MP2B	Z	17.784	5
30	MP2B	Mx	.005	5
31	MP2C	X	7.703	1
32	MP2C	Z	13.342	1
33	MP2C	Mx	.008	1
34	MP2C	X	7.703	5
35	MP2C	Z	13.342	5
36	MP2C	Mx	.008	5
37	MP4A	X	4.049	2
38	MP4A	Z	7.013	2
39	MP4A	Mx	002	2



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
40	MP4A	X	4.049	4
41	MP4A	Z	7.013	4
42	MP4A	Mx	002	4
43	MP4B	X	4.049	2
44	MP4B	Z	7.013	2
45	MP4B	Mx	002	2
46	MP4B	X	4.049	4
47	MP4B	Z	7.013	4
48	MP4B	Mx	002	4
49	MP4C	X	2.012	2
50	MP4C	Z	3.485	2
51	MP4C	Mx	.002	2
52	MP4C	X	2.012	4
53	MP4C	Z	3.485	4
54	MP4C	Mx	.002	4
55	M85A	X	8.188	1.5
56	M85A	Z	14.182	1.5
57	M85A	Mx	0	1.5
58	MP3A	X	3.679	2.5
59	MP3A	Z	6.372	2.5
60	MP3A	Mx	.002	2.5
61	MP3B	X	3.679	2.5
62	MP3B	Z	6.372	2.5
63	MP3B	Mx	.002	2.5
64	MP3C	X	2.769	2.5
65	MP3C	Z	4.796	2.5
66	MP3C	Mx	003	2.5
67	MP2A	X	3.564	2.5
68	MP2A	Z	6.173	2.5
69	MP2A	Mx	.002	2.5
70	MP2B	X	3.564	2.5
71	MP2B	Z	6.173	2.5
72	MP2B	Mx	.002	2.5
73	MP2C	X	2.308	2.5
74	MP2C		3.998	2.5
75	MP2C	Mx	002	2.5
76	MP1A	X	5.581	.5
77	MP1A	Z	9.667	.5
78	MP1A	Mx V	003	.5 5.5
79	MP1A	X Z	5.581 9.667	5.5
80	MP1A		003	5.5
81 82	MP1A MP1B	Mx V	5.581	
83		X Z	9.667	.5 .5
84	MP1B MP1B	Mx	003	.5 .5
85	MP1B MP1B	X	5.581	5.5
86	MP1B MP1B	Z	9.667	5.5
87	MP1B MP1B	Mx	003	5.5
88	MP1B MP1C	X	4.744	.5
89	MP1C MP1C	Z	8.217	.5
90	MP1C	Mx	.005	.5 .5
91	MP1C	X	4.744	5.5
92	MP1C	Z	8.217	5.5
93	MP1C	Mx	.005	5.5
00	IVII IO	IVIA	.000	0.0

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

Member Label Direction Magnitude(lb.k.ft) Location(ft.%)



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	1
2	MP2A	Z	22.245	1
3	MP2A	Mx	.013	1
4	MP2A	X	0	5
5	MP2A	Z	22.245	5
6	MP2A	Mx	.013	5
7	MP2B	X	0	1
8	MP2B	Z	17.116	1
9	MP2B	Mx	012	1
10	MP2B	X	0	5
11	MP2B	Z	17.116	5
12	MP2B	Mx	012	5
13	MP2C	X	0	11
14	MP2C	Z	17.116	1
15	MP2C	Mx	.002	1
16	MP2C	X	0	5
17	MP2C	Z	17.116	5
18	MP2C	Mx	.002	5
19	MP2A	X	0	1
20	MP2A	Z	22.245	1
21	MP2A	Mx	013	1
22	MP2A	X	0	5
23	MP2A	Z	22.245	5
24	MP2A	Mx	013	5
25	MP2B	X Z	0	1 1
26	MP2B		17.116	
27	MP2B	Mx	002 0	1
28	MP2B	X Z		5
30	MP2B		17.116 002	<u>5</u> 5
31	MP2B MP2C	Mx ×	002	1
32	MP2C	X	17.116	1
33	MP2C	Mx	.012	1
34	MP2C	X	0	5
35	MP2C	Z	17.116	5
36	MP2C	Mx	.012	5
37	MP4A	X	0	2
38	MP4A	Ž	9.455	2
39	MP4A	Mx	0	2
40	MP4A	X	0	4
41	MP4A	Ž	9.455	4
42	MP4A	Mx	0	4
43	MP4B	X	0	2
44	MP4B	Z	5.382	2
45	MP4B	Mx	002	2
46	MP4B	X	0	4
47	MP4B	Z	5.382	4
48	MP4B	Mx	002	4
49	MP4C	X	0	2
50	MP4C	Z	5.382	2
51	MP4C	Mx	.002	2
52	MP4C	X	0	4
53	MP4C	Z	5.382	4
54	MP4C	Mx	.002	4
55	M85A	X	0	1.5
56	M85A	Z	15.483	1.5
57	M85A	Mx	0	1.5



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3A	X	0	2.5
59	MP3A	Z	7.965	2.5
60	MP3A	Mx	0	2.5
61	MP3B	X	0	2.5
62	MP3B	Z	6.145	2.5
63	MP3B	Mx	.003	2.5
64	MP3C	X	0	2.5
65	MP3C	Z	6.145	2.5
66	MP3C	Mx	003	2.5
67	MP2A	X	0	2.5
68	MP2A	Z	7.965	2.5
69	MP2A	Mx	0	2.5
70	MP2B	X	0	2.5
71	MP2B	Z	5.453	2.5
72	MP2B	Mx	.002	2.5
73	MP2C	X	0	2.5
74	MP2C	Z	5.453	2.5
75	MP2C	Mx	002	2.5
76	MP1A	X	0	.5
77	MP1A	Z	11.721	.5
78	MP1A	Mx	0	.5
79	MP1A	X	0	5.5
80	MP1A	Z	11.721	5.5
81	MP1A	Mx	0	5.5
82	MP1B	X	0	.5
83	MP1B	Z	10.047	.5
84	MP1B	Mx	004	.5
85	MP1B	X	0	5.5
86	MP1B	Z	10.047	5.5
87	MP1B	Mx	004	5.5
88	MP1C	X	0	.5
89	MP1C	Z	10.047	.5
90	MP1C	Mx	.004	.5
91	MP1C	X	0	5.5
92	MP1C	Z	10.047	5.5
93	MP1C	Mx	.004	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-10.268	1
2	MP2A	Z	17.784	1
3	MP2A	Mx	.016	1
4	MP2A	X	-10.268	5
5	MP2A	Z	17.784	5
6	MP2A	Mx	.016	5
7	MP2B	X	-7.703	1
8	MP2B	Z	13.342	1
9	MP2B	Mx	008	1
10	MP2B	X	-7.703	5
11	MP2B	Z	13.342	5
12	MP2B	Mx	008	5
13	MP2C	X	-10.268	1
14	MP2C	Z	17.784	1
15	MP2C	Mx	005	1
16	MP2C	X	-10.268	5
17	MP2C	Z	17.784	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
18	MP2C	Mx	005	5
19	MP2A	X	-10.268	1
20	MP2A	Z	17.784	1
21	MP2A	Mx	005	1
22	MP2A	X	-10.268	5
23	MP2A	Z	17.784	5
24	MP2A	Mx	005	5
25	MP2B	X	-7.703	1
26	MP2B	Z	13.342	1
27	MP2B	Mx	008	1
28	MP2B	X	-7.703	5
29	MP2B	Z	13.342	5
30	MP2B	Mx	008	5
31	MP2C	X	-10.268	1
32	MP2C	Z	17.784	1
33	MP2C	Mx	.016	1
34	MP2C	X	-10.268	5
35	MP2C	Z	17.784	5
36	MP2C	Mx	.016	5
37	MP4A	X	-4.049	2
38	MP4A	Z	7.013	2
39	MP4A	Mx	.002	2
40	MP4A	X	-4.049	4
41	MP4A	Z	7.013	4
42	MP4A	Mx	.002	4
43	MP4B	X	-2.012	2
44	MP4B	Z	3.485	2
45	MP4B	Mx	002	2
46	MP4B	X	-2.012	4
47	MP4B	Z	3.485	4
48	MP4B	Mx	002	4
49	MP4C	X	-4.049	2
50	MP4C	Z	7.013	2
51	MP4C	Mx	.002	2
52	MP4C	X	-4.049	4
53	MP4C	Z	7.013	4
54	MP4C	Mx	.002	4
55	M85A	X	-6.848	1.5
56	M85A	Z	11.861	1.5
57	M85A	Mx	0	1.5
58	MP3A	X	-3.679	2.5
59	MP3A	Z	6.372	2.5
60	MP3A	Mx	002	2.5
61	MP3B	X	-2.769	2.5
62	MP3B	Z	4.796	2.5
63	MP3B	Mx	.003	2.5
64	MP3C	X	-3.679	2.5
65	MP3C	Z	6.372	2.5
66	MP3C	Mx	002	2.5
67	MP2A	X	-3.564	2.5
68	MP2A	Z	6.173	2.5
69	MP2A	Mx	002	2.5
70	MP2B	X Z	-2.308	2.5
71	MP2B		3.998	2.5
72	MP2B	Mx	.002	2.5
73	MP2C	X	-3.564	2.5
74	MP2C	Z	6.173	2.5



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
75	MP2C	Mx	002	2.5
76	MP1A	X	-5.581	.5
77	MP1A	Z	9.667	.5
78	MP1A	Mx	.003	.5
79	MP1A	X	-5.581	5.5
80	MP1A	Z	9.667	5.5
81	MP1A	Mx	.003	5.5
82	MP1B	X	-4.744	.5
83	MP1B	Z	8.217	.5
84	MP1B	Mx	005	.5
85	MP1B	X	-4.744	5.5
86	MP1B	Z	8.217	5.5
87	MP1B	Mx	005	5.5
88	MP1C	X	-5.581	.5
89	MP1C	Z	9.667	.5
90	MP1C	Mx	.003	.5
91	MP1C	X	-5.581	5.5
92	MP1C	Z	9.667	5.5
93	MP1C	Mx	.003	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-14.823	1
2	MP2A	Z	8.558	1
3	MP2A	Mx	.012	1
4	MP2A	X	-14.823	5
5	MP2A	Z	8.558	5
6	MP2A	Mx	.012	5
7	MP2B	X	-14.823	1
8	MP2B	Z	8.558	1
9	MP2B	Mx	002	1
10	MP2B	X	-14.823	5
11	MP2B	Z	8.558	5
12	MP2B	Mx	002	5
13	MP2C	X	-19.265	1
14	MP2C	Z	11.123	1
15	MP2C	Mx	013	1
16	MP2C	X	-19.265	5
17	MP2C	Z	11.123	5
18	MP2C	Mx	013	5
19	MP2A	X	-14.823	1
20	MP2A	Z	8.558	1
21	MP2A	Mx	.002	1
22	MP2A	X	-14.823	5
23	MP2A	Z	8.558	5
24	MP2A	Mx	.002	5
25	MP2B	X	-14.823	1
26	MP2B	Z	8.558	1
27	MP2B	Mx	012	1
28	MP2B	X	-14.823	5
29	MP2B	Z	8.558	5
30	MP2B	Mx	012	5
31	MP2C	X	-19.265	1
32	MP2C	Z	11.123	1
33	MP2C	Mx	.013	1
34	MP2C	X	-19.265	5



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
35	MP2C	Z	11.123	5
36	MP2C	Mx	.013	5
37	MP4A	X	-4.661	2
38	MP4A	Z	2.691	2
39	MP4A	Mx	.002	2
40	MP4A	X	-4.661	4
41	MP4A	Z	2.691	4
42	MP4A	Mx	.002	4
43	MP4B	X	-4.661	2
44	MP4B		2.691	2
45	MP4B	Mx	002	2
46	MP4B	X	-4.661	4
47	MP4B	Z	2.691	4
48	MP4B	Mx	002	4
49	MP4C	X	-8.188	2
50	MP4C	Z	4.728	2
51	MP4C	Mx	0	2
52	MP4C	X	-8.188	4
53	MP4C	Z	4.728	4
54	MP4C	Mx	0	4
55	M85A	X	-11.088	1.5
56	M85A	Z	6.402	1.5
57	M85A	Mx	0	1.5
58	MP3A	X	-5.322	2.5
59	MP3A	Z	3.072	2.5
60	MP3A	Mx	003	2.5
61	MP3B	X	-5.322	2.5
62	MP3B	Z	3.072	2.5
63	MP3B	Mx X	.003	2.5
64	MP3C	X Z	-6.898	2.5
65	MP3C		3.982	2.5 2.5
66 67	MP3C	Mx X	0 -4.723	2.5
68	MP2A MP2A	Z	2.727	2.5
69	MP2A MP2A	Mx	002	2.5
70	MP2B	X	-4.723	2.5
71	MP2B	Z	2.727	2.5
72	MP2B	Mx	.002	2.5
73	MP2C	X	-6.898	2.5
74	MP2C	Z	3.982	2.5
75	MP2C	Mx	0	2.5
76	MP1A	X	-8.701	.5
77	MP1A	Ž	5.023	.5
78	MP1A	Mx	.004	.5
79	MP1A	X	-8.701	5.5
80	MP1A	Z	5.023	5.5
81	MP1A	Mx	.004	5.5
82	MP1B	X	-8.701	.5
83	MP1B	Z	5.023	.5
84	MP1B	Mx	004	.5
85	MP1B	X	-8.701	5.5
86	MP1B	Z	5.023	5.5
87	MP1B	Mx	004	5.5
88	MP1C	X	-10.151	.5
89	MP1C	Z	5.86	.5
90	MP1C	Mx	0	.5
91	MP1C	X	-10.151	5.5



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
92	MP1C	Z	5.86	5.5
93	MP1C	Mx	0	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-15.407	1
2	MP2A	Z	0	1
3	MP2A	Mx	.008	1
4	MP2A	X	-15.407	5
5	MP2A	Z	0	5
6	MP2A	Mx	.008	5
7	MP2B	X	-20.536	1
8	MP2B	Z	0	1
9	MP2B	Mx	.005	1
10	MP2B	X	-20.536	5
11	MP2B	Z	0	5
12	MP2B	Mx	.005	5
13	MP2C	X	-20.536	1
14	MP2C	Z	0	1
15	MP2C	Mx	016	1
16	MP2C	X	-20.536	5
17	MP2C	Z	0	5
18	MP2C	Mx	016	5
19	MP2A	X	-15.407	1
20	MP2A	Z	0	1
21	MP2A	Mx	.008	1
22	MP2A	X	-15.407	5
23	MP2A	Z	0	5
24	MP2A	Mx	.008	5
25	MP2B		-20.536	1
26	MP2B	X	0	1
27	MP2B	Mx	016	1
28	MP2B	X	-20.536	5
29	MP2B	Z	0	5
30	MP2B	Mx	016	5
31	MP2C	X	-20.536	1
32	MP2C	Z	0	1
33	MP2C	Mx	.005	1
34	MP2C	X	-20.536	5
35	MP2C	Z	0	5
36	MP2C	Mx	.005	5
37	MP4A	X	-4.024	2
38	MP4A	Z	0	2
39	MP4A	Mx	.002	2
40	MP4A	X	-4.024	4
41	MP4A	Z	0	4
42	MP4A	Mx	.002	4
43	MP4B	X	-8.097	
44	MP4B	Ž	0	2 2
45	MP4B	Mx	002	2
46	MP4B	X	-8.097	4
47	MP4B	Ž	0	4
48	MP4B	Mx	002	4
49	MP4C	X	-8.097	2
50	MP4C	X Z	0	2
51	MP4C	Mx	002	2



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
52	MP4C	X	-8.097	4
53	MP4C	Z	0	4
54	MP4C	Mx	002	4
55	M85A	X	-13.696	1.5
56	M85A	Z	0	1.5
57	M85A	Mx	0	1.5
58	MP3A	X	-5.538	2.5
59	MP3A	Z	0	2.5
60	MP3A	Mx	003	2.5
61	MP3B	X	-7.358	2.5
62	MP3B	Z	0	2.5
63	MP3B	Mx	.002	2.5
64	MP3C	X	-7.358	2.5
65	MP3C	Z	0	2.5
66	MP3C	Mx	.002	2.5
67	MP2A	X	-4.616	2.5
68	MP2A	Z	0	2.5
69	MP2A	Mx	002	2.5
70	MP2B	X	-7.128	2.5
71	MP2B	Z	0	2.5
72	MP2B	Mx	.002	2.5
73	MP2C	X	-7.128	2.5
74	MP2C	Z	0	2.5
75	MP2C	Mx	.002	2.5
76	MP1A	X	-9.488	.5
77	MP1A	Z	0	.5
78	MP1A	Mx	.005	.5
79	MP1A	X	-9.488	5.5
80	MP1A	Z	0	5.5
81	MP1A	Mx	.005	5.5
82	MP1B	X	-11.163	.5
83	MP1B	Z	0	.5
84	MP1B	Mx	003	.5
85	MP1B		-11.163	5.5
86	MP1B	X Z	0	5.5
87	MP1B	Mx	003	5.5
88	MP1C	X	-11.163	.5
89	MP1C	Z	0	.5
90	MP1C	Mx	003	.5
91	MP1C	X	-11.163	5.5
92	MP1C	Z	0	5.5
93	MP1C	Mx	003	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-14.823	1
2	MP2A	Z	-8.558	1
3	MP2A	Mx	.002	1
4	MP2A	X	-14.823	5
5	MP2A	Z	-8.558	5
6	MP2A	Mx	.002	5
7	MP2B	X	-19.265	1
8	MP2B	Z	-11.123	1
9	MP2B	Mx	.013	1
10	MP2B	X	-19.265	5
11	MP2B	Z	-11.123	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
12	MP2B	Mx	.013	5
13	MP2C	X	-14.823	1
14	MP2C	Ž	-8.558	1
15	MP2C	Mx	012	1
16	MP2C	X	-14.823	5
17	MP2C	Z	-8.558	5
18	MP2C	Mx	012	5
19	MP2A	X	-14.823	1
20	MP2A	Z	-8.558	1
21	MP2A	Mx	.012	1
22	MP2A	X	-14.823	5
23	MP2A	Z	-8.558	5
24	MP2A	Mx	.012	5
25	MP2B	X	-19.265	1
26	MP2B	Z	-11.123	1
27	MP2B	Mx	013	1
28	MP2B	X	-19.265	5
29	MP2B	Z	-11.123	5
30	MP2B	Mx	013	5
31	MP2C	X	-14.823	1
32	MP2C	Z	-8.558	1
33	MP2C	Mx	002	1
34	MP2C	X	-14.823	5
35	MP2C	Z	-8.558	5
36	MP2C	Mx	002	5
37	MP4A	X	-4.661	2
38	MP4A	Z	-2.691	2
39	MP4A	Mx	.002	2
40	MP4A	X	-4.661	4
41	MP4A	Z	-2.691	4
42	MP4A	Mx	.002	4
43	MP4B	X	-8.188	2
44	MP4B	Z	-4.728	2
45	MP4B	Mx Mx	0	2
46	MP4B	X	-8.188	4
47	MP4B	Z	-4.728	4
48	MP4B	Mx	0	4
49	MP4C	X	-4.661	2
50	MP4C	Z	-2.691	2
51 52	MP4C MP4C	Mx Y	002 -4.661	2
53	MP4C MP4C	X Z	-4.661 -2.691	<u>4</u> 4
54	MP4C MP4C	Mx	-2.691	4
55	M85A		-13.408	1.5
56	M85A	X Z	-7.741	1.5
57	M85A	Mx	0	1.5
58	MP3A	X	-5.322	2.5
59	MP3A	Z	-3.072	2.5
60	MP3A	Mx	003	2.5
61	MP3B	X	-6.898	2.5
62	MP3B	Z	-3.982	2.5
63	MP3B	Mx	0	2.5
64	MP3C	X	-5.322	2.5
65	MP3C	Z	-3.072	2.5
66	MP3C	Mx	.003	2.5
67	MP2A	X	-4.723	2.5
68	MP2A	Z	-2.727	2.5
00	IVII Z/\		-2.121	2.0



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
69	MP2A	Mx	002	2.5
70	MP2B	Χ	-6.898	2.5
71	MP2B	Z	-3.982	2.5
72	MP2B	Mx	0	2.5
73	MP2C	Χ	-4.723	2.5
74	MP2C	Z	-2.727	2.5
75	MP2C	Mx	.002	2.5
76	MP1A	Χ	-8.701	.5
77	MP1A	Z	-5.023	.5
78	MP1A	Mx	.004	.5
79	MP1A	Χ	-8.701	5.5
80	MP1A	Z	-5.023	5.5
81	MP1A	Mx	.004	5.5
82	MP1B	Χ	-10.151	.5
83	MP1B	Ζ	-5.86	.5
84	MP1B	Mx	0	.5
85	MP1B	Χ	-10.151	5.5
86	MP1B	Z	-5.86	5.5
87	MP1B	Mx	0	5.5
88	MP1C	Χ	-8.701	.5
89	MP1C	Z	-5.023	.5
90	MP1C	Mx	004	.5
91	MP1C	Χ	-8.701	5.5
92	MP1C	Z	-5.023	5.5
93	MP1C	Mx	004	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-10.268	1
2	MP2A	Z	-17.784	1
3	MP2A	Mx	005	1
4	MP2A	X	-10.268	5
5	MP2A	Z	-17.784	5
6	MP2A	Mx	005	5
7	MP2B	X	-10.268	1
8	MP2B	Z	-17.784	1
9	MP2B	Mx	.016	1
10	MP2B	X	-10.268	5
11	MP2B	Z	-17.784	5
12	MP2B	Mx	.016	5
13	MP2C	X	-7.703	1
14	MP2C	Z	-13.342	1
15	MP2C	Mx	008	1
16	MP2C	X	-7.703	5
17	MP2C	Z	-13.342	5
18	MP2C	Mx	008	5
19	MP2A	X	-10.268	1
20	MP2A	Z	-17.784	1
21	MP2A	Mx	.016	1
22	MP2A	X	-10.268	5
23	MP2A	Z	-17.784	5
24	MP2A	Mx	.016	5
25	MP2B	X	-10.268	1
26	MP2B	Z	-17.784	1
27	MP2B	Mx	005	1
28	MP2B	X	-10.268	5

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

29		Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
STEP   STEP					
32					
33			X		·
34         MP2C         X         -7.703         5           36         MP2C         X         -3.342         5           37         MP4A         X         -4.049         2           38         MP4A         Z         -7.013         2           39         MP4A         MX         .002         2           40         MP4A         MX         .002         2           41         MP4A         X         -4.049         4           41         MP4A         X         -4.049         4           41         MP4A         X         -4.049         2           44         MP4B         X         -4.049         2           44         MP4B         X         -4.049         2           45         MP4B         X         -4.049         4           47         MP4B         X         -4.049         4           48         MP4B         X         -4.049         4           48         MP4B         X         -2.012         2           50         MP4C         X         2.012         2           51         MP4C         X         <					
36		MP2C		008	
36					
38					5
38					
MP4A			X		
40         MP4A         X         -4.049         4           41         MP4A         Z         -7.013         4           42         MP4A         Mx         .002         4           43         MP4B         X         -4.049         2           44         MP4B         Z         -7.013         2           45         MP4B         MX         -9.02         2           46         MP4B         X         -4.049         4           47         MP4B         X         -4.049         4           47         MP4B         X         -4.049         4           47         MP4B         MX         .902         2           48         MP4B         MX         .902         4           49         MP4C         X         -2.012         2         2           50         MP4C         X         -2.012         2         2         5         2         MP4C         X         -2.012         4         4         4         4         4         4         4         4         4         4         4         4         4         4         4         4         4					
41         MP4A         X         .002         4           42         MP4A         Mx         .002         4           43         MP4B         X         .4,049         2           44         MP4B         X         .4,049         2           45         MP4B         Mx         .002         2           46         MP4B         X         .4,049         4           48         MP4B         Z         .7013         4           48         MP4B         X         .4049         4           49         MP4C         X         .2,012         2           50         MP4C         X         .2,012         2           51         MP4C         X         .2,012         2           51         MP4C         Mx         .002         2           51         MP4C         Mx         .002         2           51         MP4C         Mx         .002         4           53         MP4C         X         -2,012         4           54         MP4C         Mx        002         2           53         MP4C         Mx					
42         MP4B         X         4.049         2           44         MP4B         X         4.049         2           44         MP4B         X         4.049         2           45         MP4B         MX         .002         2           46         MP4B         X         4.049         4           47         MP4B         X         4.049         4           47         MP4B         MX         .002         4           48         MP4B         MX         .002         4           49         MP4C         X         -2.012         2           50         MP4C         Z         -3.485         2           51         MP4C         MX        002         2           52         MP4C         X         -2.012         4           4         MP4C         X         -2.012         4           54         MP4C         X         -2.012         4           54         MP4C         X         -2.012         4           55         M85A         X         -8.188         1.5           56         M85A         X         -					
43         MP4B         X         -4,049         2           44         MP4B         Z         -7,013         2           45         MP4B         Mx         .002         2           46         MP4B         X         -4,049         4           47         MP4B         Z         -7,013         4           48         MP4B         Mx         .002         4           49         MP4C         X         -2,012         2           50         MP4C         X         -2,012         2           51         MP4C         Mx         -,002         2           51         MP4C         Mx         -,002         2           52         MP4C         X         -2,012         4           53         MP4C         Mx         -,002         2           54         MP4C         Mx         -,002         4           55         M85A         X         -8,188         1,5           56         M85A         X         -8,188         1,5           57         M85A         Mx         0         1,5           58         MP3A         X					
44         MP4B         Z         -7.013         2           45         MP4B         Mx         .002         2           46         MP4B         X         -4.049         4           47         MP4B         X         -4.049         4           48         MP4B         Mx         -0.002         4           49         MP4C         X         -2.012         2           50         MP4C         X         -2.012         2           51         MP4C         Mx        002         2           51         MP4C         Mx        002         2           52         MP4C         X         -2.012         4           53         MP4C         X         -2.012         4           54         MP4C         Mx        002         2           53         MP4C         X         -2.012         4           54         MP4C         Mx        002         4           55         M85A         X         -8.188         1.5           56         M85A         Z         -14.182         1.5           57         M85A         X					
45         MP4B         X         -4,049         4           46         MP4B         X         -4,049         4           47         MP4B         Z         -7,013         4           48         MP4B         Mx         002         4           49         MP4C         X         -2,012         2           50         MP4C         Z         -3,485         2           51         MP4C         Mx         -,002         2           52         MP4C         X         -2,012         4           53         MP4C         X         -2,012         4           53         MP4C         X         -2,012         4           53         MP4C         X         -2,012         4           54         MP4C         Mx         -,002         4           55         M85A         X         -8,188         1.5           56         M85A         X         -8,188         1.5           57         M85A         X         -8,379         2.5           59         MP3A         X         -3,679         2.5           59         MP3A         X			<u> </u>		2
46         MP4B         X         -4,049         4           47         MP4B         Z         -7,013         4           48         MP4B         Mx         .002         4           49         MP4C         X         -2,012         2           50         MP4C         Z         -3,485         2           51         MP4C         MX         -2,012         4           52         MP4C         X         -2,012         4           53         MP4C         X         -2,012         4           54         MP4C         X         -2,012         4           54         MP4C         Mx        002         4           54         MP4C         Mx        002         4           55         M85A         X         -8,188         1.5           56         M85A         X         -14,182         1.5           57         M85A         Mx         0         1.5           58         MP3A         X         -3,679         2.5           59         MP3A         X         -3,679         2.5           60         MP3A         Mx <td></td> <td></td> <td></td> <td></td> <td></td>					
47         MP4B         Z         -7.013         4           48         MP4B         Mx         .002         4           49         MP4C         X         -2.012         2           50         MP4C         Z         -3.485         2           51         MP4C         Mx        002         2           52         MP4C         X         -2.012         4           53         MP4C         Z         -3.485         4           54         MP4C         X         -2.012         4           55         M85A         X         -3.485         4           54         MP4C         Mx        002         4           55         M85A         X         -8.188         1.5           56         M85A         X         -14.182         1.5           57         M85A         Mx         0         1.5           58         MP3A         X         -3.679         2.5           59         MP3A         X         -3.679         2.5           61         MP3B         X         -3.3679         2.5           62         MP3B         X <td></td> <td></td> <td></td> <td></td> <td></td>					
48         MP4B         Mx         .002         4           49         MP4C         X         -2.012         2           50         MP4C         Z         -3.485         2           51         MP4C         Mx        002         2           52         MP4C         X         -2.012         4           53         MP4C         Z         -3.485         4           54         MP4C         Mx        002         4           54         MP4C         Mx        002         4           55         M85A         X         -8.188         1.5           56         M85A         X         -8.188         1.5           57         M85A         X         -8.188         1.5           57         M85A         X         -8.188         1.5           59         MP3A         X         -3.679         2.5           59         MP3A         X         -3.679         2.5           69         MP3A         X         -3.679         2.5           61         MP3B         X         -3.679         2.5           62         MP3B <t< td=""><td></td><td></td><td>X</td><td></td><td></td></t<>			X		
49         MP4C         X         -2.012         2           50         MP4C         Z         -3.485         2           51         MP4C         Mx        002         2           52         MP4C         X         -2.012         4           53         MP4C         Z         -3.485         4           54         MP4C         Mx        002         4           55         M85A         X         -8.188         1.5           56         M85A         X         -8.188         1.5           57         M85A         X         -8.188         1.5           58         MP3A         X         -3.679         2.5           59         MP3A         X         -3.679         2.5           60         MP3B         X         -3.679         2.5           61         MP3B					
50         MP4C         Z         -3.485         2           51         MP4C         Mx        002         2           52         MP4C         X         -2.012         4           53         MP4C         Z         -3.485         4           54         MP4C         Mx        002         4           55         M85A         X         -8.188         1.5           56         M85A         Z         -14.182         1.5           57         M85A         X         -8.079         2.5           58         MP3A         X         -3.679         2.5           59         MP3A         X         -3.679         2.5           60         MP3A         X         -3.679         2.5           61         MP3B         X         -3.679         2.5           62         MP3B         X         -3.679         2.5           63         MP3B         X         -3.679         2.5           64         MP3B         X         -3.679         2.5           65         MP3B         MX         -0.02         2.5           64         MP3C					
51         MP4C         Mx        002         2           52         MP4C         X         -2.012         4           53         MP4C         Z         -3.485         4           54         MP4C         Mx        002         4           55         M85A         X         -8.188         1.5           56         M85A         Z         -14.182         1.5           57         M85A         Mx         0         1.5           58         MP3A         X         -3.679         2.5           59         MP3A         X         -3.679         2.5           60         MP3A         Mx        002         2.5           61         MP3B         X         -3.679         2.5           62         MP3B         X         -3.679         2.5           63         MP3B         Mx        002         2.5           64         MP3B         X         -2.769         2.5           65         MP3C         X         -2.769         2.5           66         MP3C         Mx         .003         2.5           67         MP2A					
52         MP4C         X         -2.012         4           53         MP4C         Z         -3.485         4           54         MP4C         Mx        002         4           55         M85A         X         -8.188         1.5           56         M85A         Z         -14.182         1.5           57         M85A         Mx         0         1.5           58         MP3A         X         -3.679         2.5           59         MP3A         X         -3.679         2.5           60         MP3A         X         -3.679         2.5           61         MP3B         X         -3.679         2.5           62         MP3B         X         -3.679         2.5           63         MP3B         X         -3.679         2.5           64         MP3B         X         -3.679         2.5           63         MP3B         X         -3.679         2.5           64         MP3B         X         -3.769         2.5           65         MP3B         X         -3.769         2.5           66         MP3C				-3.485	
53         MP4C         Z         -3.485         4           54         MP4C         Mx        002         4           55         M85A         X         -8.188         1.5           56         M85A         Z         -14.182         1.5           57         M85A         Mx         0         1.5           58         MP3A         X         -3.679         2.5           59         MP3A         Z         -6.372         2.5           60         MP3A         Mx        002         2.5           61         MP3B         X         -3.679         2.5           62         MP3B         X         -3.679         2.5           63         MP3B         X         -3.679         2.5           63         MP3B         X         -3.679         2.5           63         MP3B         X         -2.769         2.5           64         MP3C         X         -2.769         2.5           65         MP3C         X         -2.769         2.5           66         MP3C         Mx         .003         2.5           67         MP2A				002	
54         MP4C         Mx        002         4           55         M85A         X         -8.188         1.5           56         M85A         Z         -14.182         1.5           57         M85A         Mx         0         1.5           58         MP3A         X         -3.679         2.5           59         MP3A         X         -3.679         2.5           60         MP3A         Mx        002         2.5           61         MP3B         X         -3.679         2.5           61         MP3B         X         -3.679         2.5           62         MP3B         X         -3.679         2.5           63         MP3B         X         -2.6372         2.5           64         MP3B         X         -2.769         2.5           64         MP3B         X         -2.769         2.5           65         MP3C         X         -2.769         2.5           66         MP3C         X         -2.769         2.5           66         MP3C         X         -3.564         2.5           67         MP2A <td></td> <td></td> <td><u> </u></td> <td></td> <td></td>			<u> </u>		
55         M85A         X         -8.188         1.5           56         M85A         Z         -14.182         1.5           57         M85A         Mx         0         1.5           58         MP3A         X         -3.679         2.5           59         MP3A         Z         -6.372         2.5           60         MP3A         Mx        002         2.5           61         MP3B         X         -3.679         2.5           62         MP3B         X         -3.679         2.5           62         MP3B         X         -3.679         2.5           63         MP3B         X         -3.679         2.5           63         MP3B         X         -3.679         2.5           64         MP3B         X         -3.679         2.5           63         MP3B         X         -3.679         2.5           64         MP3B         X         -3.769         2.5           65         MP3G         X         -2.769         2.5           65         MP3C         X         -2.769         2.5           66         MP3C </td <td></td> <td></td> <td></td> <td>-3.485</td> <td></td>				-3.485	
56         M85A         Z         -14.182         1.5           57         M85A         Mx         0         1.5           58         MP3A         X         -3.679         2.5           59         MP3A         Z         -6.372         2.5           60         MP3A         Mx         -002         2.5           61         MP3B         X         -3.679         2.5           62         MP3B         X         -3.679         2.5           63         MP3B         X         -3.679         2.5           64         MP3B         X         -2.769         2.5           65         MP3C         X         -2.769         2.5           66         MP3C         X         -2.769         2.5           67         MP2A         X         -3.564         2.5           68         MP2A         X         -3.564         2.5           69         MP2A <td></td> <td></td> <td></td> <td></td> <td></td>					
57         M85A         Mx         0         1.5           58         MP3A         X         -3.679         2.5           59         MP3A         Z         -6.372         2.5           60         MP3A         Mx        002         2.5           61         MP3B         X         -3.679         2.5           62         MP3B         X         -0.02         2.5           63         MP3B         Mx         -0.02         2.5           64         MP3B         Mx         -0.02         2.5           65         MP3B         Mx         -0.02         2.5           65         MP3C         X         -2.769         2.5           66         MP3C         X         -2.796         2.5           66         MP3C         Mx         .003         2.5           67         MP2A         X         -3.564         2.5           68         MP2A         X         -3.564         2.5           70         MP2B         X         -3.564         2.5           71         MP2B         X         -3.564         2.5           71         MP2B			\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\		
58         MP3A         X         -3.679         2.5           59         MP3A         Z         -6.372         2.5           60         MP3A         Mx        002         2.5           61         MP3B         X         -3.679         2.5           62         MP3B         Z         -6.372         2.5           63         MP3B         Mx        002         2.5           64         MP3B         Mx        002         2.5           64         MP3B         Mx        002         2.5           64         MP3C         X         -2.769         2.5           65         MP3C         X         -2.769         2.5           66         MP3C         Mx         .003         2.5           67         MP2A         X         -3.564         2.5           68         MP2A         X         -3.564         2.5           69         MP2A         X         -3.564         2.5           70         MP2B         X         -3.564         2.5           71         MP2B         X         -3.564         2.5           72         MP2B					1.5
59         MP3A         Z         -6.372         2.5           60         MP3A         Mx        002         2.5           61         MP3B         X         -3.679         2.5           62         MP3B         Z         -6.372         2.5           63         MP3B         Mx        002         2.5           64         MP3C         X         -2.769         2.5           64         MP3C         X         -2.769         2.5           65         MP3C         X         -2.769         2.5           66         MP3C         X         -2.769         2.5           66         MP3C         X         -3.564         2.5           67         MP2A         X         -3.564         2.5           68         MP2A         X         -3.564         2.5           69         MP2A         X         -3.564         2.5           70         MP2B         X         -3.564         2.5           71         MP2B         X         -3.564         2.5           72         MP2B         X         -3.564         2.5           73         MP2					
60         MP3A         Mx        002         2.5           61         MP3B         X         -3.679         2.5           62         MP3B         Z         -6.372         2.5           63         MP3B         Mx        002         2.5           64         MP3C         X         -2.769         2.5           65         MP3C         Z         -4.796         2.5           66         MP3C         Mx         .003         2.5           67         MP2A         X         -3.564         2.5           68         MP2A         X         -3.564         2.5           69         MP2A         X         -3.564         2.5           70         MP2B         X         -3.564         2.5           71         MP2B         X         -3.564         2.5           72         MP2B         X         -3.564         2.5           73         MP2B         X         -3.564         2.5           74         MP2B         X         -3.564         2.5           75         MP2B         Mx         -002         2.5           75         MP2C<			<u> </u>		
61         MP3B         X         -3.679         2.5           62         MP3B         Z         -6.372         2.5           63         MP3B         Mx        002         2.5           64         MP3C         X         -2.769         2.5           65         MP3C         Z         -4.796         2.5           66         MP3C         Mx         .003         2.5           67         MP2A         X         -3.564         2.5           68         MP2A         Z         -6.173         2.5           69         MP2A         Mx        002         2.5           70         MP2B         X         -3.564         2.5           71         MP2B         X         -3.564         2.5           71         MP2B         X         -3.564         2.5           72         MP2B         X         -3.564         2.5           73         MP2B         X         -3.564         2.5           74         MP2B         X         -3.998         2.5           74         MP2C         X         -2.308         2.5           74         MP2C					
62         MP3B         Z         -6.372         2.5           63         MP3B         Mx        002         2.5           64         MP3C         X         -2.769         2.5           65         MP3C         Z         -4.796         2.5           66         MP3C         Mx         .003         2.5           67         MP2A         X         -3.564         2.5           68         MP2A         Z         -6.173         2.5           69         MP2A         Mx        002         2.5           70         MP2B         X         -3.564         2.5           71         MP2B         X         -3.564         2.5           72         MP2B         X         -3.564         2.5           72         MP2B         X         -3.564         2.5           73         MP2B         X         -3.564         2.5           74         MP2B         X         -3.398         2.5           74         MP2B         X         -2.308         2.5           74         MP2C         X         -3.998         2.5           75         MP2C					
63         MP3B         Mx        002         2.5           64         MP3C         X         -2.769         2.5           65         MP3C         Z         -4.796         2.5           66         MP3C         Mx         .003         2.5           67         MP2A         X         -3.564         2.5           68         MP2A         Z         -6.173         2.5           69         MP2A         Mx        002         2.5           70         MP2B         X         -3.564         2.5           71         MP2B         Z         -6.173         2.5           72         MP2B         X         -3.564         2.5           73         MP2B         X        002         2.5           73         MP2C         X         -2.308         2.5           74         MP2C         X         -2.308         2.5           75         MP2C         X         -3.998         2.5           76         MP1A         X         -5.581         .5           79         MP1A         X         -5.581         5.5           80         MP1A </td <td></td> <td></td> <td></td> <td></td> <td>2.5</td>					2.5
64         MP3C         X         -2.769         2.5           65         MP3C         Z         -4.796         2.5           66         MP3C         Mx         .003         2.5           67         MP2A         X         -3.564         2.5           68         MP2A         Z         -6.173         2.5           69         MP2A         Mx        002         2.5           70         MP2B         X         -3.564         2.5           71         MP2B         X         -3.564         2.5           72         MP2B         X         -3.564         2.5           72         MP2B         X         -2.308         2.5           73         MP2B         X         -2.308         2.5           74         MP2C         X         -2.308         2.5           75         MP2C         X         -3.998         2.5           76         MP1A         X         -5.581         .5           79         MP1A         X         -5.581         5.5           80         MP1A         X         -5.581         5.5           81         MP1A<					
65         MP3C         Z         -4.796         2.5           66         MP3C         Mx         .003         2.5           67         MP2A         X         -3.564         2.5           68         MP2A         Z         -6.173         2.5           69         MP2A         Mx        002         2.5           70         MP2B         X         -3.564         2.5           71         MP2B         Z         -6.173         2.5           72         MP2B         X         -3.564         2.5           73         MP2B         X         -3.584         2.5           74         MP2B         X         -2.308         2.5           74         MP2C         X         -2.308         2.5           75         MP2C         Mx         .002         2.5           76         MP1A         X         -5.581         5           79         MP1A <td></td> <td></td> <td></td> <td></td> <td></td>					
66         MP3C         Mx         .003         2.5           67         MP2A         X         -3.564         2.5           68         MP2A         Z         -6.173         2.5           69         MP2A         Mx        002         2.5           70         MP2B         X         -3.564         2.5           71         MP2B         Z         -6.173         2.5           72         MP2B         Mx        002         2.5           73         MP2C         X         -2.308         2.5           74         MP2C         Z         -3.998         2.5           75         MP2C         Mx         .002         2.5           76         MP1A         X         -5.581         .5           77         MP1A         Z         -9.667         .5           8         MP1A         X         -5.581         5.5           80         MP1A         X         -5.581         5.5           81         MP1A         Mx         .003         5.5           82         MP1B         X         -5.581         .5					
67       MP2A       X       -3.564       2.5         68       MP2A       Z       -6.173       2.5         69       MP2A       Mx      002       2.5         70       MP2B       X       -3.564       2.5         71       MP2B       Z       -6.173       2.5         72       MP2B       Mx      002       2.5         73       MP2C       X       -2.308       2.5         74       MP2C       Z       -3.998       2.5         75       MP2C       Mx       .002       2.5         76       MP1A       X       -5.581       .5         77       MP1A       Z       -9.667       .5         79       MP1A       X       -5.581       5.5         80       MP1A       X       -5.581       5.5         81       MP1A       Mx       .003       5.5         82       MP1B       X       -5.581       .5					
68         MP2A         Z         -6.173         2.5           69         MP2A         Mx        002         2.5           70         MP2B         X         -3.564         2.5           71         MP2B         Z         -6.173         2.5           72         MP2B         Mx        002         2.5           73         MP2C         X         -2.308         2.5           74         MP2C         Z         -3.998         2.5           75         MP2C         Mx         .002         2.5           76         MP1A         X         -5.581         .5           77         MP1A         Z         -9.667         .5           78         MP1A         X         -5.581         5.5           80         MP1A         X         -5.581         5.5           81         MP1A         Mx         .003         5.5           82         MP1B         X         -5.581         .5					
69         MP2A         Mx        002         2.5           70         MP2B         X         -3.564         2.5           71         MP2B         X         -6.173         2.5           72         MP2B         Mx        002         2.5           73         MP2C         X         -2.308         2.5           74         MP2C         Z         -3.998         2.5           75         MP2C         Mx         .002         2.5           76         MP1A         X         -5.581         .5           77         MP1A         Z         -9.667         .5           78         MP1A         Mx         .003         .5           79         MP1A         X         -5.581         5.5           80         MP1A         X         -9.667         5.5           81         MP1A         Mx         .003         5.5           82         MP1B         X         -5.581         .5			7		
70         MP2B         X         -3.564         2.5           71         MP2B         Z         -6.173         2.5           72         MP2B         Mx        002         2.5           73         MP2C         X         -2.308         2.5           74         MP2C         Z         -3.998         2.5           75         MP2C         Mx         .002         2.5           76         MP1A         X         -5.581         .5           77         MP1A         Z         -9.667         .5           78         MP1A         X         -5.581         5.5           80         MP1A         X         -5.581         5.5           81         MP1A         Mx         .003         5.5           82         MP1B         X         -5.581         .5					
71         MP2B         Z         -6.173         2.5           72         MP2B         Mx        002         2.5           73         MP2C         X         -2.308         2.5           74         MP2C         Z         -3.998         2.5           75         MP2C         Mx         .002         2.5           76         MP1A         X         -5.581         .5           77         MP1A         Z         -9.667         .5           78         MP1A         Mx         .003         .5           79         MP1A         X         -5.581         5.5           80         MP1A         Z         -9.667         5.5           81         MP1A         Mx         .003         5.5           82         MP1B         X         -5.581         .5					
72         MP2B         Mx        002         2.5           73         MP2C         X         -2.308         2.5           74         MP2C         Z         -3.998         2.5           75         MP2C         Mx         .002         2.5           76         MP1A         X         -5.581         .5           77         MP1A         Z         -9.667         .5           78         MP1A         Mx         .003         .5           79         MP1A         X         -5.581         5.5           80         MP1A         Z         -9.667         5.5           81         MP1A         Mx         .003         5.5           82         MP1B         X         -5.581         .5					
73       MP2C       X       -2.308       2.5         74       MP2C       Z       -3.998       2.5         75       MP2C       Mx       .002       2.5         76       MP1A       X       -5.581       .5         77       MP1A       Z       -9.667       .5         78       MP1A       Mx       .003       .5         79       MP1A       X       -5.581       5.5         80       MP1A       Z       -9.667       5.5         81       MP1A       Mx       .003       5.5         82       MP1B       X       -5.581       .5				- 002	2.5
74       MP2C       Z       -3.998       2.5         75       MP2C       Mx       .002       2.5         76       MP1A       X       -5.581       .5         77       MP1A       Z       -9.667       .5         78       MP1A       Mx       .003       .5         79       MP1A       X       -5.581       5.5         80       MP1A       Z       -9.667       5.5         81       MP1A       Mx       .003       5.5         82       MP1B       X       -5.581       .5					
75         MP2C         Mx         .002         2.5           76         MP1A         X         -5.581         .5           77         MP1A         Z         -9.667         .5           78         MP1A         Mx         .003         .5           79         MP1A         X         -5.581         5.5           80         MP1A         Z         -9.667         5.5           81         MP1A         Mx         .003         5.5           82         MP1B         X         -5.581         .5			7		
76         MP1A         X         -5.581         .5           77         MP1A         Z         -9.667         .5           78         MP1A         Mx         .003         .5           79         MP1A         X         -5.581         5.5           80         MP1A         Z         -9.667         5.5           81         MP1A         Mx         .003         5.5           82         MP1B         X         -5.581         .5					
77         MP1A         Z         -9.667         .5           78         MP1A         Mx         .003         .5           79         MP1A         X         -5.581         5.5           80         MP1A         Z         -9.667         5.5           81         MP1A         Mx         .003         5.5           82         MP1B         X         -5.581         .5					.5
78         MP1A         Mx         .003         .5           79         MP1A         X         -5.581         5.5           80         MP1A         Z         -9.667         5.5           81         MP1A         Mx         .003         5.5           82         MP1B         X         -5.581         .5			Z		.5
79         MP1A         X         -5.581         5.5           80         MP1A         Z         -9.667         5.5           81         MP1A         Mx         .003         5.5           82         MP1B         X         -5.581         .5					.5
80         MP1A         Z         -9.667         5.5           81         MP1A         Mx         .003         5.5           82         MP1B         X         -5.581         .5					
81         MP1A         Mx         .003         5.5           82         MP1B         X         -5.581         .5					
82 MP1B X -5.581 .5					
	82		X		.5
	83	MP1B	Z	-9.667	.5
84 MP1B Mx .003 .5					.5
85 MP1B X -5.581 5.5					



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
86	MP1B	Z	-9.667	5.5
87	MP1B	Mx	.003	5.5
88	MP1C	X	-4.744	.5
89	MP1C	Z	-8.217	.5
90	MP1C	Mx	005	.5
91	MP1C	X	-4.744	5.5
92	MP1C	Z	-8.217	5.5
93	MP1C	Mx	005	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	1
2	MP2A	Z	-11.422	1
3	MP2A	Mx	007	1
4	MP2A	X	0	5
5	MP2A	Z	-11.422	5
6	MP2A	Mx	007	5
7	MP2B	X	0	1
8	MP2B	Z	-8.613	1
9	MP2B	Mx	.006	1
10	MP2B	X	0	5
11	MP2B	Z	-8.613	5
12	MP2B	Mx	.006	5
13	MP2C	X	0	1
14	MP2C	Z	-8.613	1
15	MP2C	Mx	001	1
16	MP2C	X	0	5
17	MP2C	Z	-8.613	5
18	MP2C	Mx	001	5
19	MP2A	X	0	1
20	MP2A	Z	-11.422	1
21	MP2A	Mx	.007	1
22	MP2A	X	0	5
23	MP2A	Z	-11.422	5
24	MP2A	Mx	.007	5
25	MP2B	X	0	1
26	MP2B	Z	-8.613	1
27	MP2B	Mx	.001	1
28	MP2B	X	0	5
29	MP2B	Z	-8.613	5
30	MP2B	Mx	.001	5
31	MP2C	X	0	1
32	MP2C	Z	-8.613	1
33	MP2C	Mx	006	1
34	MP2C	X	0	5
35	MP2C	Z	-8.613	5
36	MP2C	Mx	006	5
37	MP4A	X	0	2
38	MP4A	Z	-4.713	2
39	MP4A	Mx	0	2
40	MP4A	X	0	4
41	MP4A	Z	-4.713	4
42	MP4A	Mx	0	4
43	MP4B	X	0	2
44	MP4B	Z	-2.562	2
45	MP4B	Mx	.001	2
	1111 12	111/1	1001	



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
46	MP4B	X	0	4
47	MP4B	Z	-2.562	4
48	MP4B	Mx	.001	4
49	MP4C	X	0	2
50	MP4C	Z	-2.562	2
51	MP4C	Mx	001	2
52	MP4C	X	0	4
53	MP4C	Z	-2.562	4
54	MP4C	Mx	001	4
55	M85A	X	0	1.5
56	M85A	Z	-7.66	1.5
57	M85A	Mx	0	1.5
58	MP3A	X	0	2.5
59	MP3A	Z	-3.75	2.5
60	MP3A	Mx	0	2.5
61	MP3B	X	0	2.5
62	MP3B	Z	-2.818	2.5
63	MP3B	Mx	001	2.5
64	MP3C	X	0	2.5
65	MP3C	Z	-2.818	2.5
66	MP3C	Mx	.001	2.5
67	MP2A		0	2.5
68	MP2A	X	-3.75	2.5
69	MP2A	Mx	0	2.5
70	MP2B	X	0	2.5
71	MP2B	Z	-2.461	2.5
72	MP2B	Mx	001	2.5
73	MP2C	X	0	2.5
74	MP2C	Z	-2.461	2.5
75	MP2C	Mx	.001	2.5
76	MP1A	X	0	.5
77	MP1A	Z	-5.776	.5
78	MP1A	Mx	0	.5
79	MP1A	X	0	5.5
80	MP1A	Z	-5.776	5.5
81	MP1A	Mx	0	5.5
82	MP1B	X	0	.5
83	MP1B	Z	-4.874	.5
84	MP1B	Mx	.002	.5
85	MP1B	X	0	5.5
86	MP1B	Z	-4.874	5.5
87	MP1B	Mx	.002	5.5
88	MP1C	X	0	.5
89	MP1C	Z	-4.874	.5
90	MP1C	Mx	002	.5
91	MP1C	X	0	5.5
92	MP1C	Ž	-4.874	5.5
93	MP1C	Mx	002	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	5.243	1
2	MP2A	Z	-9.081	1
3	MP2A	Mx	008	1
4	MP2A	X	5.243	5
5	MP2A	Z	-9.081	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
6	MP2A	Mx	008	5
7	MP2B	X	3.838	1
8	MP2B	Z	-6.648	1
9	MP2B	Mx	.004	1
10	MP2B	X	3.838	5
11	MP2B	Z	-6.648	5
12	MP2B	Mx	.004	5
13	MP2C	X	5.243	1
14	MP2C	Z	-9.081	1
15	MP2C	Mx	.003	1
16	MP2C	X	5.243	5
17	MP2C	Z	-9.081	5
18	MP2C	Mx	.003	5
19	MP2A	X	5.243	1
20	MP2A	Z	-9.081	1
21	MP2A	Mx	.003	1
22	MP2A	X	5.243	5
23	MP2A	Z	-9.081	<u>5</u>
24	MP2A	Mx	.003	5
25	MP2B	X	3.838	1
26	MP2B	Z	-6.648	1
27	MP2B	Mx Mx	.004	1
28	MP2B	X	3.838	5
29	MP2B	Z	-6.648	5
30	MP2B	Mx	.004	5
31	MP2C	X	5.243	1
32	MP2C		-9.081	·
33	MP2C	Mx	008	<u>1</u> 5
34 35	MP2C	X Z	5.243	
36	MP2C MP2C	Mx	-9.081 008	<u>5</u> 5
37	MP4A	X	1.998	2
38	MP4A	Z	-3.461	2
39	MP4A	Mx	000999	2
40	MP4A	X	1.998	4
41	MP4A	Z	-3.461	4
42	MP4A	Mx	000999	4
43	MP4B	X	.923	2
44	MP4B	Z	-1.598	2
45	MP4B	Mx	.000923	2
46	MP4B	X	.923	4
47	MP4B	Z	-1.598	4
48	MP4B	Mx	.000923	4
49	MP4C		1.998	2
50	MP4C	X Z	-3.461	2
51	MP4C	Mx	000999	2
52	MP4C	X	1.998	4
53	MP4C	Z	-3.461	4
54	MP4C	Mx	000999	4
55	M85A	X	3.347	1.5
56	M85A	Z	-5.798	1.5
57	M85A	Mx	0	1.5
58	MP3A	X	1.72	2.5
59	MP3A	Z	-2.979	2.5
60	MP3A	Mx	.00086	2.5
61	MP3B	X	1.253	2.5
62	MP3B	Z	-2.171	2.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
63	MP3B	Mx	001	2.5
64	MP3C	X	1.72	2.5
65	MP3C	Z	-2.979	2.5
66	MP3C	Mx	.00086	2.5
67	MP2A	X	1.66	2.5
68	MP2A	Z	-2.876	2.5
69	MP2A	Mx	.00083	2.5
70	MP2B	X	1.015	2.5
71	MP2B	Z	-1.759	2.5
72	MP2B	Mx	001	2.5
73	MP2C	X	1.66	2.5
74	MP2C	Z	-2.876	2.5
75	MP2C	Mx	.00083	2.5
76	MP1A	X	2.738	.5
77	MP1A	Z	-4.742	.5
78	MP1A	Mx	001	.5
79	MP1A	X	2.738	5.5
80	MP1A	Z	-4.742	5.5
81	MP1A	Mx	001	5.5
82	MP1B	X	2.287	.5
83	MP1B	Z	-3.961	.5
84	MP1B	Mx	.002	.5
85	MP1B	X	2.287	5.5
86	MP1B	Z	-3.961	5.5
87	MP1B	Mx	.002	5.5
88	MP1C	X	2.738	.5
89	MP1C	Z	-4.742	.5
90	MP1C	Mx	001	.5
91	MP1C	X	2.738	5.5
92	MP1C	Z	-4.742	5.5
93	MP1C	Mx	001	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	7.459	1
2	MP2A	Z	-4.306	1
3	MP2A	Mx	006	1
4	MP2A	X	7.459	5
5	MP2A	Z	-4.306	5
6	MP2A	Mx	006	5
7	MP2B	X	7.459	1
8	MP2B	Z	-4.306	1
9	MP2B	Mx	.001	1
10	MP2B	X	7.459	5
11	MP2B	Z	-4.306	5
12	MP2B	Mx	.001	5
13	MP2C	X	9.891	1
14	MP2C	Z	-5.711	1
15	MP2C	Mx	.007	1
16	MP2C	X	9.891	5
17	MP2C	Z	-5.711	5
18	MP2C	Mx	.007	5
19	MP2A	X	7.459	1
20	MP2A	Z	-4.306	1
21	MP2A	Mx	001	1
22	MP2A	X	7.459	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
23	MP2A	Z	-4.306	5
24	MP2A	Mx	001	5
25	MP2B	X	7.459	1
26	MP2B	Z	-4.306	1
27	MP2B	Mx	.006	1
28	MP2B	X	7.459	5
29	MP2B	Z	-4.306	5
30	MP2B	Mx	.006	5
31	MP2C	X	9.891	1
32	MP2C		-5.711	1
33	MP2C	Mx	007	1
34	MP2C	X	9.891	5
35	MP2C	Z	-5.711	5
36	MP2C	Mx	007	5
37	MP4A	X	2.219	2
38	MP4A	Z	-1.281	2
39	MP4A	Mx	001	2
40	MP4A	X	2.219	4
41	MP4A	Z	-1.281	4
42	MP4A	Mx	001	4
43	MP4B	X	2.219	2
44	MP4B	Z	-1.281	2
45	MP4B	Mx	.001	2
46	MP4B	X	2.219	4
47	MP4B	Z	-1.281	4
48	MP4B	Mx	.001	4
49	MP4C	X	4.082	2
50	MP4C	Z	-2.357	2
51	MP4C	Mx X	0	2
52	MP4C	X Z	4.082	4
53	MP4C		-2.357	4
54	MP4C	Mx V	0 5.38	1.5
55 56	M85A M85A	X Z	-3.106	1.5
57	M85A	Mx	-3.106	1.5
58	MP3A	X	2.44	2.5
59	MP3A	Z	-1.409	2.5
60	MP3A	Mx	.001	2.5
61	MP3B	X	2.44	2.5
62	MP3B	Z	-1.409	2.5
63	MP3B	Mx	001	2.5
64	MP3C	X	3.248	2.5
65	MP3C	Z	-1.875	2.5
66	MP3C	Mx	0	2.5
67	MP2A	X	2.131	2.5
68	MP2A	Z	-1.23	2.5
69	MP2A	Mx	.001	2.5
70	MP2B	X	2.131	2.5
71	MP2B	Z	-1.23	2.5
72	MP2B	Mx	001	2.5
73	MP2C	X	3.248	2.5
74	MP2C	Z	-1.875	2.5
75	MP2C	Mx	0	2.5
76	MP1A	X	4.221	.5
77	MP1A	Z	-2.437	.5
78	MP1A	Mx	002	.5
79	MP1A	X	4.221	5.5



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
80	MP1A	Z	-2.437	5.5
81	MP1A	Mx	002	5.5
82	MP1B	X	4.221	.5
83	MP1B	Z	-2.437	.5
84	MP1B	Mx	.002	.5
85	MP1B	X	4.221	5.5
86	MP1B	Z	-2.437	5.5
87	MP1B	Mx	.002	5.5
88	MP1C	X	5.002	.5
89	MP1C	Z	-2.888	.5
90	MP1C	Mx	0	.5
91	MP1C	X	5.002	5.5
92	MP1C	Z	-2.888	5.5
93	MP1C	Mx	0	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	7.677	1
2	MP2A	Z	0	1
3	MP2A	Mx	004	1
4	MP2A	X	7.677	5
5	MP2A	Z	0	5
6	MP2A	Mx	004	5
7	MP2B	X	10.485	1
8	MP2B	Z	0	1
9	MP2B	Mx	003	1
10	MP2B	X	10.485	5
11	MP2B	Z	0	5
12	MP2B	Mx	003	5
13	MP2C	X	10.485	1
14	MP2C	Z	0	1
15	MP2C	Mx	.008	1
16	MP2C	X	10.485	5
17	MP2C	Z	0	5
18	MP2C	Mx	.008	5
19	MP2A	X	7.677	1
20	MP2A	Z	0	1
21	MP2A	Mx	004	1
22	MP2A	X	7.677	5
23	MP2A	Z	0	5
24	MP2A	Mx	004	5
25	MP2B	X	10.485	1
26	MP2B	Z	0	1
27	MP2B	Mx	.008	1
28	MP2B	X	10.485	5
29	MP2B	Z	0	5
30	MP2B	Mx	.008	5
31	MP2C	X	10.485	1
32	MP2C	Z	0	1
33	MP2C	Mx	003	1
34	MP2C	X	10.485	5
35	MP2C	Z	0	5
36	MP2C	Mx	003	5
37	MP4A	X	1.845	2
38	MP4A	Z	0	2
39	MP4A	Mx	000922	2



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
40	MP4A	X	1.845	4
41	MP4A	Z	0	4
42	MP4A	Mx	000922	4
43	MP4B	X	3.996	2
44	MP4B	Z	0	2
45	MP4B	Mx	.000999	2
46	MP4B	X	3.996	4
47	MP4B	Z	0	4
48	MP4B	Mx	.000999	4
49	MP4C	X	3.996	2
50	MP4C	Z	0	2
51	MP4C	Mx	.000999	2
52	MP4C	X	3.996	4
53	MP4C	Z	0	4
54	MP4C	Mx	.000999	4
55	M85A	X	6.695	1.5
56	M85A	Z	0	1.5
57	M85A	Mx	0	1.5
58	MP3A	X	2.507	2.5
59	MP3A	Z	0	2.5
60	MP3A	Mx	.001	2.5
61	MP3B	X	3.44	2.5
62	MP3B	Z	0	2.5
63	MP3B	Mx	00086	2.5
64	MP3C	X	3.44	2.5
65	MP3C	Z	0	2.5
66	MP3C	Mx	00086	2.5
67	MP2A	X	2.031	2.5
68	MP2A	Z	0	2.5
69	MP2A	Mx	.001	2.5
70	MP2B	X	3.32	2.5
71	MP2B	Z	0	2.5
72	MP2B	Mx	00083	2.5
73	MP2C	X Z	3.32	2.5
74	MP2C		0	2.5
75	MP2C	Mx	00083	2.5
76	MP1A	X	4.573	.5
77	MP1A	Z	0	.5
78	MP1A	Mx V	002	.5
79	MP1A	X Z	4.573	5.5
80	MP1A		002	5.5
81 82	MP1A	Mx V		5.5
83	MP1B MD1B	X Z	5.475	.5
84	MP1B MD1B	Mx	.001	.5 .5
85	MP1B MP1B	X	5.475	5.5
86	MP1B MP1B	Z	0	5.5
87	MP1B MP1B	Mx	.001	5.5
88	MP1B MP1C	X	5.475	.5
89	MP1C MP1C	Z	0	.5
90	MP1C MP1C	Mx	.001	.5 .5
91	MP1C	X	5.475	5.5
92	MP1C	Z	0	5.5
93	MP1C	Mx	.001	5.5
00	IVII TO	IVIA	.001	0.0

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

Mombor Labol	Direction	Magnitudo(lb k ft)	Location[ft %]

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	7.459	1
2	MP2A	Z	4.306	1
3	MP2A	Mx	001	1
4	MP2A	X	7.459	5
5	MP2A	Z	4.306	5
6	MP2A	Mx	001	5
7	MP2B	X	9.891	1
8	MP2B	Z	5.711	1
9	MP2B	Mx	007	1
10	MP2B	X	9.891	5
11	MP2B	Z	5.711	5
12	MP2B	Mx	007	5
13	MP2C	X	7.459	1
14	MP2C		4.306	1
15	MP2C	Mx	.006	1
16	MP2C	X	7.459	5
17	MP2C	Z	4.306	5
18	MP2C	Mx	.006	5
19	MP2A	X Z	7.459	1
20	MP2A		4.306	· ·
21	MP2A	Mx	006	1
22	MP2A	X Z	7.459	5
23	MP2A		4.306	5 5
24	MP2A	Mx	006	
25	MP2B	X Z	9.891	1
26	MP2B		5.711	
27	MP2B	Mx V	.007	5
28	MP2B	X Z	9.891	
29	MP2B		5.711	5 5
<u>30</u> 31	MP2B MP2C	Mx X	7.459	1
32	MP2C MP2C	Z	4.306	1
		Mx	.001	1
33 34	MP2C MP2C	X	7.459	5
35	MP2C	Z	4.306	5
36	MP2C	Mx	.001	5
37	MP4A	X	2.219	2
38	MP4A	Z	1.281	2
39	MP4A	Mx	001	2
40	MP4A	X	2.219	4
41	MP4A	Z	1.281	4
42	MP4A	Mx	001	4
43	MP4B		4.082	2
44	MP4B	X	2.357	2
45	MP4B	Mx	0	2
46	MP4B	X	4.082	4
47	MP4B	Z	2.357	4
48	MP4B	Mx	0	4
49	MP4C	X	2.219	2
50	MP4C	Z	1.281	2
51	MP4C	Mx	.001	2
52	MP4C	X	2.219	4
53	MP4C	Z	1.281	4
54	MP4C	Mx	.001	4
55	M85A	X	6.634	1.5
56	M85A	Z	3.83	1.5
57	M85A	Mx	0	1.5



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

1	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP3A	X	2.44	2.5
59	MP3A	Z	1.409	2.5
60	MP3A	Mx	.001	2.5
61	MP3B	X	3.248	2.5
62	MP3B	Z	1.875	2.5
63	MP3B	Mx	0	2.5
64	MP3C	X	2.44	2.5
65	MP3C	Z	1.409	2.5
66	MP3C	Mx	001	2.5
67	MP2A	X	2.131	2.5
68	MP2A	Z	1.23	2.5
69	MP2A	Mx	.001	2.5
70	MP2B	X	3.248	2.5
71	MP2B	Z	1.875	2.5
72	MP2B	Mx	0	2.5
73	MP2C	X	2.131	2.5
74	MP2C	Z	1.23	2.5
75	MP2C	Mx	001	2.5
76	MP1A	X	4.221	.5
77	MP1A	Z	2.437	.5
78	MP1A	Mx	002	.5
79	MP1A	X	4.221	5.5
80	MP1A	Z	2.437	5.5
81	MP1A	Mx	002	5.5
82	MP1B	X	5.002	.5
83	MP1B	Z	2.888	.5
84	MP1B	Mx	0	.5
85	MP1B	X	5.002	5.5
86	MP1B	Z	2.888	5.5
87	MP1B	Mx	0	5.5
88	MP1C	X	4.221	.5
89	MP1C	Z	2.437	.5
90	MP1C	Mx	.002	.5
91	MP1C	Χ	4.221	5.5
92	MP1C	Z	2.437	5.5
93	MP1C	Mx	.002	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	Χ	5.243	1
2	MP2A	Z	9.081	1
3	MP2A	Mx	.003	1
4	MP2A	X	5.243	5
5	MP2A	Z	9.081	5
6	MP2A	Mx	.003	5
7	MP2B	Χ	5.243	1
8	MP2B	Z	9.081	1
9	MP2B	Mx	008	1
10	MP2B	X	5.243	5
11	MP2B	Z	9.081	5
12	MP2B	Mx	008	5
13	MP2C	X	3.838	1
14	MP2C	Z	6.648	1
15	MP2C	Mx	.004	1
16	MP2C	X	3.838	5
17	MP2C	Z	6.648	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
18	MP2C	Mx	.004	5
19	MP2A	X	5.243	1
20	MP2A	Z	9.081	1
21	MP2A	Mx	008	1
22	MP2A	X	5.243	5
23	MP2A	Z	9.081	5
24	MP2A	Mx	008	5
25	MP2B	X	5.243	1
26	MP2B	Z	9.081	1
27	MP2B	Mx	.003	1
28	MP2B	X	5.243	5
29	MP2B	Z	9.081	5
30	MP2B	Mx	.003	5
31	MP2C	X	3.838	1
32	MP2C	Z	6.648	1
33	MP2C	Mx	.004	1
34	MP2C	X	3.838	5
35	MP2C	Z	6.648	5
36	MP2C	Mx	.004	5
37	MP4A	X	1.998	2
38	MP4A	Z	3.461	2
39	MP4A	Mx	000999	2
40	MP4A	X	1.998	4
41	MP4A	Z	3.461	4
42	MP4A	Mx	000999	4
43	MP4B	X	1.998	2
44	MP4B	Z	3.461	2
45	MP4B	Mx	000999	2
46	MP4B	X	1.998	4
47	MP4B	Z	3.461	4
48	MP4B	Mx	000999	4
49	MP4C	X	.923	2
50	MP4C	Z	1.598	2
51	MP4C	Mx	.000923	2
52	MP4C	X	.923	4
53	MP4C	Z	1.598	4
54	MP4C	Mx	.000923	4
55	M85A	X	4.071	1.5
56	M85A	Z	7.052	1.5
57	M85A	Mx	0	1.5
58	MP3A	X	1.72	2.5
59	MP3A	Z	2.979	2.5
60	MP3A	Mx	.00086	2.5
61	MP3B	X	1.72	2.5
62	MP3B	Z	2.979	2.5
63	MP3B	Mx	.00086	2.5
64	MP3C	X	1.253	2.5
65	MP3C	Z	2.171	2.5
66	MP3C	Mx	001	2.5
67	MP2A	X	1.66	2.5
68	MP2A	Z	2.876	2.5
69	MP2A	Mx	.00083	2.5
70	MP2B	X	1.66	2.5
71	MP2B	Z	2.876	2.5
<b>7</b> 2	MP2B	Mx	.00083	2.5
73	MP2C	X	1.015	2.5
74	MP2C	Z	1.759	2.5



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
75	MP2C	Mx	001	2.5
76	MP1A	Χ	2.738	.5
77	MP1A	Z	4.742	.5
78	MP1A	Mx	001	.5
79	MP1A	Χ	2.738	5.5
80	MP1A	Z	4.742	5.5
81	MP1A	Mx	001	5.5
82	MP1B	Χ	2.738	.5
83	MP1B	Z	4.742	.5
84	MP1B	Mx	001	.5
85	MP1B	Χ	2.738	5.5
86	MP1B	Z	4.742	5.5
87	MP1B	Mx	001	5.5
88	MP1C	X	2.287	.5
89	MP1C	Z	3.961	.5
90	MP1C	Mx	.002	.5
91	MP1C	Χ	2.287	5.5
92	MP1C	Z	3.961	5.5
93	MP1C	Mx	.002	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	1
2	MP2A	Z	11.422	1
3	MP2A	Mx	.007	1
4	MP2A	X	0	5
5	MP2A	Z	11.422	5
6	MP2A	Mx	.007	5
7	MP2B	X	0	1
8	MP2B	Z	8.613	1
9	MP2B	Mx	006	1
10	MP2B	Χ	0	5
11	MP2B	Z	8.613	5
12	MP2B	Mx	006	5
13	MP2C	X	0	1
14	MP2C	Z	8.613	1
15	MP2C	Mx	.001	1
16	MP2C	X	0	5
17	MP2C	Z	8.613	5
18	MP2C	Mx	.001	5
19	MP2A	X	0	1
20	MP2A	Z	11.422	1
21	MP2A	Mx	007	1
22	MP2A	X	0	5
23	MP2A	Z	11.422	5
24	MP2A	Mx	007	5
25	MP2B	X	0	1
26	MP2B	Z	8.613	1
27	MP2B	Mx	001	1
28	MP2B	X	0	5
29	MP2B	Z	8.613	5
30	MP2B	Mx	001	5
31	MP2C	Χ	0	1
32	MP2C	Z	8.613	1
33	MP2C	Mx	.006	1
34	MP2C	X	0	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
35	MP2C	Z	8.613	5
36	MP2C	Mx	.006	5
37	MP4A	X	0	2
38	MP4A	Z	4.713	2
39	MP4A	Mx	0	2
40	MP4A	X	0	4
41	MP4A	Z	4.713	4
42	MP4A	Mx	0	4
43	MP4B	X	0	2
44	MP4B	Z	2.562	2
45	MP4B	Mx	001	2
46	MP4B	X	0	4
47	MP4B	Z	2.562	4
48	MP4B	Mx	001	4
49	MP4C	X	0	2
50	MP4C	Z	2.562	2
51	MP4C	Mx	.001	2
52	MP4C	X Z	0	4
53	MP4C		2.562	4
54	MP4C	Mx	.001	4
55	M85A	X Z	0	1.5
56	M85A		7.66	1.5
57	M85A	Mx	0	1.5 2.5
58	MP3A	X Z		
59	MP3A		3.75	2.5
60	MP3A	Mx	0	2.5
61	MP3B	X Z		2.5
62	MP3B		2.818	2.5
63	MP3B MP3C	Mx X	.001	2.5 2.5
64 65		Z	2.818	2.5
66	MP3C MP3C		001	2.5
67	MP2A	Mx V	001	
68	MP2A MP2A	X	3.75	2.5 2.5
69	MP2A MP2A	Mx	0	2.5
70	MP2B	X	0	2.5
71	MP2B	Z	2.461	2.5
72	MP2B	Mx	.001	2.5
73	MP2C	X	0	2.5
74	MP2C	Z	2.461	2.5
75	MP2C	Mx	001	2.5
76	MP1A	X	0	.5
77	MP1A	Z	5.776	.5
78	MP1A	Mx	0	.5
79	MP1A	X	0	5.5
80	MP1A	Z	5.776	5.5
81	MP1A	Mx	0	5.5
82	MP1B	X	0	.5
83	MP1B	Z	4.874	.5
84	MP1B	Mx	002	.5
85	MP1B	X	0	5.5
86	MP1B	Z	4.874	5.5
87	MP1B	Mx	002	5.5
88	MP1C	X	0	.5
89	MP1C	Z	4.874	.5
90	MP1C	Mx	.002	.5
91	MP1C	X	0	5.5



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
92	MP1C	Z	4.874	5.5
93	MP1C	Mx	.002	5.5

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP2A	X Z	-5.243	1
2	MP2A	Z	9.081	1
3	MP2A	Mx	.008	1
4	MP2A	X	-5.243	5
5	MP2A	Z	9.081	5
6	MP2A	Mx	.008	5
7	MP2B	X	-3.838	1
8	MP2B	Z	6.648	1
9	MP2B	Mx	004	1
10	MP2B	X	-3.838	5
11	MP2B	Z	6.648	5
12	MP2B	Mx	004	5
13	MP2C	X	-5.243	1
14	MP2C	Z	9.081	1
15	MP2C	Mx	003	1
16	MP2C	X	-5.243	5
17	MP2C	Z	9.081	5
18	MP2C	Mx	003	5
19	MP2A	X	-5.243	1
20	MP2A	Z	9.081	1
21	MP2A	Mx	003	1
22	MP2A	X	-5.243	5
23	MP2A	Z	9.081	5
24	MP2A	Mx	003	5
25	MP2B		-3.838	1
26	MP2B	X Z	6.648	1
27	MP2B	Mx	004	1
28	MP2B	X	-3.838	5
29	MP2B	Z	6.648	5
30	MP2B	Mx	004	5
31	MP2C	X	-5.243	1
32	MP2C	Z	9.081	1
33	MP2C	Mx	.008	1
34	MP2C	X	-5.243	5
35	MP2C	Z	9.081	5
36	MP2C	Mx	.008	5
37	MP4A	X	-1.998	2
38	MP4A	Z	3.461	2
39	MP4A	Mx	.000999	2
40	MP4A	X	-1.998	4
41	MP4A	Ž	3.461	4
42	MP4A	Mx	.000999	4
43	MP4B	X	923	2
44	MP4B	Ž	1.598	2
45	MP4B	Mx	000923	2
46	MP4B	X	923	4
47	MP4B	Ž	1.598	4
48	MP4B	Mx	000923	4
49	MP4C		-1.998	2
50	MP4C	X Z	3.461	2
51	MP4C	Mx	.000999	2



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
52	MP4C	X	-1.998	4
53	MP4C	Z	3.461	4
54	MP4C	Mx	.000999	4
55	M85A	X	-3.347	1.5
56	M85A	Z	5.798	1.5
57	M85A	Mx	0	1.5
58	MP3A	X	-1.72	2.5
59	MP3A	Z	2.979	2.5
60	MP3A	Mx	00086	2.5
61	MP3B	X	-1.253	2.5
62	MP3B	Z	2.171	2.5
63	MP3B	Mx	.001	2.5
64	MP3C	X	-1.72	2.5
65	MP3C	Z	2.979	2.5
66	MP3C	Mx	00086	2.5
67	MP2A	X	-1.66	2.5
68	MP2A	Z	2.876	2.5
69	MP2A	Mx	00083	2.5
70	MP2B	X	-1.015	2.5
71	MP2B	Z	1.759	2.5
72	MP2B	Mx	.001	2.5
73	MP2C	X	-1.66	2.5
74	MP2C	Z	2.876	2.5
75	MP2C	Mx	00083	2.5
76	MP1A	X	-2.738	.5
77	MP1A	Z	4.742	.5
78	MP1A	Mx	.001	.5
79	MP1A	X	-2.738	5.5
80	MP1A	Z	4.742	5.5
81	MP1A	Mx	.001	5.5
82	MP1B	X	-2.287	.5
83	MP1B	Z	3.961	.5
84	MP1B	Mx	002	.5
85	MP1B	X Z	-2.287	5.5
86	MP1B	Z	3.961	5.5
87	MP1B	Mx	002	5.5
88	MP1C	X	-2.738	.5
89	MP1C	Z	4.742	.5
90	MP1C	Mx	.001	.5
91	MP1C	X	-2.738	5.5
92	MP1C	Z	4.742	5.5
93	MP1C	Mx	.001	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	Χ	-7.459	1
2	MP2A	Z	4.306	1
3	MP2A	Mx	.006	1
4	MP2A	X	-7.459	5
5	MP2A	Z	4.306	5
6	MP2A	Mx	.006	5
7	MP2B	Χ	-7.459	1
8	MP2B	Z	4.306	1
9	MP2B	Mx	001	1
10	MP2B	X	-7.459	5
11	MP2B	Z	4.306	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
12	MP2B	Mx	001	5
13	MP2C	X	-9.891	1
14	MP2C	Z	5.711	1
15	MP2C	Mx	007	1
16	MP2C	X	-9.891	5
17	MP2C	Z	5.711	5
18	MP2C	Mx	007	5
19	MP2A	X	-7.459	1
20	MP2A	Z	4.306	1
21	MP2A	Mx	.001	1
22	MP2A	X	-7.459	5
23	MP2A	Z	4.306	5
24	MP2A	Mx	.001	5
25	MP2B	X	-7.459	1
26	MP2B	Z	4.306	1
27	MP2B	Mx	006	1
28	MP2B	X	-7.459	5
29	MP2B	Z	4.306	5
30	MP2B	Mx	006	5
31	MP2C	X	-9.891	1
32	MP2C	Z	5.711	1
33	MP2C	Mx	.007	1
34	MP2C	X	-9.891	5
35	MP2C	Z	5.711	5
36	MP2C	Mx	.007	5
37	MP4A	X	-2.219	2
38	MP4A	Z	1.281	2
39	MP4A	Mx	.001	2
40	MP4A	X	-2.219	4
41	MP4A	Z	1.281	4
42	MP4A	Mx	.001	4
43	MP4B	X	-2.219	2
44	MP4B	Z	1.281	2
45	MP4B	Mx	001	2
46	MP4B	X	-2.219	4
47	MP4B	Z	1.281	4
48	MP4B	Mx	001	4
49	MP4C	X	-4.082	2
50	MP4C	Z	2.357	2
51	MP4C	Mx	0	2
52	MP4C	X	-4.082	4
53	MP4C	Z	2.357	4
54	MP4C	Mx	0	4
55	M85A	X	-5.38	1.5
56	M85A	Z	3.106	1.5
57	M85A	Mx	0	1.5
58	MP3A	X	-2.44	2.5
59	MP3A	Z	1.409	2.5
60	MP3A	Mx	001	2.5
61	MP3B	X	-2.44	2.5
62	MP3B	Z	1.409	2.5
63	MP3B	Mx	.001	2.5
64	MP3C	X Z	-3.248	2.5
65	MP3C		1.875	2.5
66	MP3C	Mx	0	2.5
67	MP2A	X	-2.131	2.5
68	MP2A	Z	1.23	2.5



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
69	MP2A	Mx	001	2.5
70	MP2B	Χ	-2.131	2.5
71	MP2B	Ζ	1.23	2.5
72	MP2B	Mx	.001	2.5
73	MP2C	Χ	-3.248	2.5
74	MP2C	Ζ	1.875	2.5
75	MP2C	Mx	0	2.5
76	MP1A	Χ	-4.221	.5
77	MP1A	Ζ	2.437	.5
78	MP1A	Mx	.002	.5
79	MP1A	Χ	-4.221	5.5
80	MP1A	Ζ	2.437	5.5
81	MP1A	Mx	.002	5.5
82	MP1B	Χ	-4.221	.5
83	MP1B	Ζ	2.437	.5
84	MP1B	Mx	002	.5
85	MP1B	Χ	-4.221	5.5
86	MP1B	Z	2.437	5.5
87	MP1B	Mx	002	5.5
88	MP1C	Χ	-5.002	.5
89	MP1C	Z	2.888	.5
90	MP1C	Mx	0	.5
91	MP1C	Χ	-5.002	5.5
92	MP1C	Z	2.888	5.5
93	MP1C	Mx	0	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-7.677	1
2	MP2A	Z	0	1
3	MP2A	Mx	.004	1
4	MP2A	X	-7.677	5
5	MP2A	Z	0	5
6	MP2A	Mx	.004	5
7	MP2B	X	-10.485	1
8	MP2B	Z	0	1
9	MP2B	Mx	.003	1
10	MP2B	Χ	-10.485	5
11	MP2B	Z	0	5
12	MP2B	Mx	.003	5
13	MP2C	X	-10.485	1
14	MP2C	Z	0	1
15	MP2C	Mx	008	1
16	MP2C	Χ	-10.485	5
17	MP2C	Z	0	5
18	MP2C	Mx	008	5
19	MP2A	Χ	-7.677	1
20	MP2A	Z	0	1
21	MP2A	Mx	.004	1
22	MP2A	Χ	-7.677	5
23	MP2A	Z	0	5
24	MP2A	Mx	.004	5
25	MP2B	X	-10.485	1
26	MP2B	Z	0	1
27	MP2B	Mx	008	1
28	MP2B	X	-10.485	5

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

29		Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
31					
32					
33			X		·
34					
36					
Section   Sect					
38					5
38         MP4A         X         0         2           40         MP4A         Mx         000922         2           40         MP4A         X         -1.845         4           41         MP4A         X         -1.845         4           41         MP4A         Mx         .000922         4           43         MP4B         X         -3.996         2           44         MP4B         X         -3.996         2           45         MP4B         X         -3.996         4           47         MP4B         X         -3.996         4           47         MP4B         Mx         -000999         4           49         MP4C         X         -3.996         2           50         MP4C         X         -3.996         2           51         MP4C         X         -3.996         4           49         MP4C         X         -3.996         4           49         MP4C         X         -3.996         4           50         MP4C         X         -3.996         4           50         MP4C         X					5
MP4A			X		
40         MP4A         X         -1.845         4           41         MP4A         Z         0         4           42         MP4B         X         -0.009922         4           43         MP4B         X         -3.996         2           44         MP4B         Z         0         2           45         MP4B         X         -3.996         4           46         MP4B         X         -3.996         4           47         MP4B         Z         0         4           48         MP4B         Mx         -000999         4           49         MP4C         X         -3.996         2           50         MP4C         X         -3.996         2           51         MP4C         X         -3.996         2           52         MP4C         X         -3.996         4           43         MP4C         X         -3.996         4           53         MP4C         X         -3.996         4           54         MP4C         X         -3.996         4           53         MP4C         X         -3.9					
41         MP4A         Z         0         4           42         MP4A         Mx         .000922         4           43         MP4B         X         -3.996         2           44         MP4B         Z         0         2           45         MP4B         Mx        000999         2           46         MP4B         X         -3.996         4           47         MP4B         Z         0         4           48         MP4B         X         -3.996         2           50         MP4C         X         -3.996         2           50         MP4C         X         -3.996         2           51         MP4C         X         -3.996         2           52         MP4C         X         -3.996         2           51         MP4C         MX         -0.00999         2           52         MP4C         X         -3.996         4           53         MP4C         X         -3.996         4           54         MP4C         Mx         -0.00999         4           55         M85A         X <t< td=""><td></td><td></td><td></td><td></td><td></td></t<>					
42         MPAB         X         -3.996         2           44         MP4B         Z         0         2           45         MP4B         MX        000999         2           46         MP4B         X        3.996         4           47         MP4B         X        000999         4           48         MP4B         Mx        000999         4           49         MP4C         X        3.996         2           50         MP4C         X        3.996         2           51         MP4C         MX        000999         2           52         MP4C         X        3.996         2           51         MP4C         MX        000999         2           52         MP4C         X        3.996         4           53         MP4C         X        3.996         4           54         MP4C         X        3.996         4           55         MB5A         X        6.695         1.5           56         M85A         X        6.695         1.5           57         M85A					
43         MP4B         Z         0         2           45         MP4B         Mx         -000999         2           46         MP4B         X         -3.996         4           47         MP4B         Z         0         4           48         MP4B         X         -3.996         2           50         MP4C         X         -3.996         2           50         MP4C         X         -3.996         2           51         MP4C         Mx         -000999         2           52         MP4C         Mx         -000999         2           52         MP4C         X         -3.996         4           4         MP4C         X         -3.996         4           53         MP4C         X         -3.996         4           54         MP4C         X         -3.996         4           55         M85A         X         -6.695         1.5           56         M85A         X         -6.695         1.5           57         M85A         X         -2.507         2.5           59         MP3A         X				0	
44         MP4B         X        000999         2           46         MP4B         X         -3.996         4           47         MP4B         Z         0         4           48         MP4B         Mx        000999         4           49         MP4C         X         -3.996         2           50         MP4C         Z         0         2           51         MP4C         X         -3.996         4           52         MP4C         X         -3.996         4           52         MP4C         X         -3.996         4           53         MP4C         X         -3.996         4           54         MP4C         X         -3.996         4           55         M85A         X         -6.695         1.5           56         M85A         X         -6.695         1.5           57         M85A         X         -6.695         1.5           58         MP3A         X         -2.507         2.5           59         MP3A         X         -2.507         2.5           60         MP3A         Mx					
45         MP4B         Mx        000999         2           46         MP4B         X         -3.996         4           47         MP4B         Z         0         4           48         MP4B         Mx        000999         4           49         MP4C         X         -3.996         2           50         MP4C         X         -3.996         2           51         MP4C         Mx        000999         2           52         MP4C         X         -3.996         4           53         MP4C         X         -3.996         4           54         MP4C         X         -3.996         4           55         M85A         X         -0.999         4           55         M85A         X         -6.695         1.5           56         M85A         X         -0.695         1.5           58         MP3A         X <td></td> <td></td> <td>X</td> <td></td> <td>2</td>			X		2
46         MP4B         X         -3.996         4           47         MP4B         Z         0         4           48         MP4B         MX        000999         4           49         MP4C         X         -3.996         2           50         MP4C         Z         0         2           51         MP4C         X         -3.996         4           52         MP4C         X         -3.996         4           53         MP4C         X         -3.996         4           53         MP4C         X         -3.996         4           54         MP4C         X         -3.996         4           55         M85A         X         -6.695         1.5           56         M85A         X         -6.695         1.5           57         M85A         X         -6.695         1.5           58         MP3A         X         -2.507         2.5           59         MP3A         X         -2.507         2.5           59         MP3A         X         -2.507         2.5           60         MP3A         Mx					
47         MP4B         Z         0         4           48         MP4B         Mx        000999         4           49         MP4C         X         -3.996         2           50         MP4C         Z         0         2           51         MP4C         Mx        000999         2           52         MP4C         X         -3.996         4           53         MP4C         X         -3.996         4           54         MP4C         Mx        000999         4           54         MP4C         Mx        000999         4           55         M85A         X         -6.695         1.5           56         M85A         X         -6.695         1.5           57         M85A         X         -0.00         1.5           58         MP3A         X         -2.507         2.5           59         MP3A         X         -2.507         2.5           60         MP3A         X         -3.44         2.5           61         MP3B         X         -3.44         2.5           62         MP3B					2
48         MP4B         Mx        000999         4           49         MP4C         X         -3.996         2           50         MP4C         Z         0         2           51         MP4C         Mx        000999         2           52         MP4C         X         -3.996         4           53         MP4C         Z         0         4           54         MP4C         MX        000999         4           54         MP4C         MX        000999         4           55         M85A         X         -6.6995         1.5           56         M85A         X         -0.6995         1.5           57         M85A         X         -0.6995         1.5           58         MP3A         X         -2.507         2.5           59         MP3A         X         -2.507         2.5           59         MP3A         X         -2.507         2.5           61         MP3B         X         -3.44         2.5           62         MP3B         X         -3.44         2.5           63         MP3B			X		
49         MP4C         X         -3.996         2           50         MP4C         Z         0         2           51         MP4C         Mx        000999         2           52         MP4C         X         -3.996         4           53         MP4C         X         -3.996         4           54         MP4C         Mx         -3.996         4           55         M85A         X         -6.095         1.5           56         M85A         X         -6.095         1.5           57         M85A         X         -6.095         1.5           57         M85A         Mx         0         1.5           58         MP3A         X         -2.507         2.5           59         MP3A         X         -2.507         2.5           60         MP3A         X         -3.44         2.5           61         MP3B         X<					
50         MP4C         Z         0         2           51         MP4C         Mx        000999         2           52         MP4C         X         -3.996         4           53         MP4C         Z         0         4           54         MP4C         Mx        000999         4           55         M85A         X         -6.695         1.5           56         M85A         Z         0         1.5           57         M85A         X         -2.507         2.5           59         MP3A         X         -2.507         2.5           59         MP3A         X         -2.507         2.5           60         MP3A         X         -2.507         2.5           61         MP3B         X         -3.44         2.5           62         MP3B         X         -3.44         2.5           63         MP3B         X         -3.44         2.5           64         MP3C         X         -3.44         2.5           65         MP3C         X         -3.44         2.5           66         MP3C         X <td></td> <td></td> <td></td> <td></td> <td></td>					
51         MP4C         X        000999         2           52         MP4C         X         -3.996         4           53         MP4C         Z         0         4           54         MP4C         Mx        000999         4           55         M85A         X         -6.695         1.5           56         M85A         Z         0         1.5           57         M85A         MX         -0.695         1.5           58         MP3A         X         -2.507         2.5           59         MP3A         X         -2.507         2.5           59         MP3A         X         -2.507         2.5           60         MP3A         X         -2.507         2.5           60         MP3A         MX         -0.01         2.5           61         MP3B         X         -3.44         2.5           62         MP3B         X         -3.44         2.5           63         MP3B         Mx         .00086         2.5           64         MP3C         X         -3.44         2.5           65         MP3C					
52         MP4C         X         -3.996         4           53         MP4C         Z         0         4           54         MP4C         Mx         -000999         4           55         M85A         X         -6.695         1.5           56         M85A         Z         0         1.5           57         M85A         Mx         0         1.5           58         MP3A         X         -2.507         2.5           59         MP3A         X         -2.507         2.5           60         MP3A         X         -2.507         2.5           60         MP3A         X         -0         2.5           60         MP3A         X         -0.01         2.5           61         MP3B         X         -3.44         2.5           62         MP3B         X         0         2.5           63         MP3B         X         -3.44         2.5           64         MP3C         X         -3.44         2.5           65         MP3C         X         -3.44         2.5           66         MP3C         X					
53         MP4C         Z         0         4           54         MP4C         Mx        000999         4           55         M85A         X         -6.695         1.5           56         M85A         Z         0         1.5           57         M85A         Mx         0         1.5           58         MP3A         X         -2.507         2.5           59         MP3A         X         -2.507         2.5           60         MP3A         X         -2.507         2.5           60         MP3A         X         -2.507         2.5           60         MP3A         Mx         -0.001         2.5           61         MP3B         X         -3.44         2.5           62         MP3B         X         0.0086         2.5           63         MP3B         Mx         .00086         2.5           64         MP3C         X         -3.44         2.5           65         MP3C         X         -3.44         2.5           66         MP3C         X         -3.44         2.5           67         MP2A <t< td=""><td>51</td><td></td><td></td><td></td><td></td></t<>	51				
54         MP4C         Mx        000999         4           55         M85A         X         -6.695         1.5           56         M85A         Z         0         1.5           57         M85A         Mx         0         1.5           58         MP3A         X         -2.507         2.5           59         MP3A         X         -2.507         2.5           60         MP3A         MX        001         2.5           61         MP3B         X         -3.44         2.5           62         MP3B         X         -3.44         2.5           63         MP3B         Mx         .00086         2.5           63         MP3B         Mx         .00086         2.5           64         MP3C         X         -3.44         2.5           65         MP3C         X         -3.44         2.5           66         MP3C         X         -3.44         2.5           66         MP3C         X         -3.44         2.5           67         MP2A         X         -2.031         2.5           68         MP2A			X		
55         M85A         X         -6.695         1.5           56         M85A         Z         0         1.5           57         M85A         Mx         0         1.5           58         MP3A         X         -2.507         2.5           59         MP3A         Z         0         2.5           60         MP3A         Mx        001         2.5           61         MP3B         X         -3.44         2.5           62         MP3B         X         -3.44         2.5           63         MP3B         Mx         .00086         2.5           64         MP3C         X         -3.44         2.5           65         MP3C         X         -3.44         2.5           65         MP3C         X         -3.44         2.5           66         MP3C         Mx         .00086         2.5           67         MP3C         Mx         .00086         2.5           68         MP2A         X         -2.031         2.5           69         MP2A         X         -3.32         2.5           70         MP2B <t< td=""><td></td><td></td><td></td><td></td><td></td></t<>					
56         M85A         Z         0         1.5           57         M85A         Mx         0         1.5           58         MP3A         X         -2.507         2.5           59         MP3A         Z         0         2.5           60         MP3A         Mx        001         2.5           61         MP3B         X         -3.44         2.5           62         MP3B         X         -3.44         2.5           62         MP3B         Mx         .00086         2.5           63         MP3B         Mx         .00086         2.5           64         MP3C         X         -3.44         2.5           65         MP3C         X         -3.44         2.5           66         MP3C         X         -3.44         2.5           67         MP2A         X         -2.031         2.5           68         MP2A         X         -2.031         2.5           69         MP2A         X         -3.32         2.5           70         MP2B         X         -3.32         2.5           71         MP2B					
57         M85A         Mx         0         1.5           58         MP3A         X         -2.507         2.5           59         MP3A         Z         0         2.5           60         MP3A         Mx        001         2.5           61         MP3B         X         -3.44         2.5           62         MP3B         Z         0         2.5           63         MP3B         Mx         .00086         2.5           64         MP3C         X         -3.44         2.5           65         MP3C         X         -3.44         2.5           65         MP3C         X         -3.44         2.5           66         MP3C         X         -3.44         2.5           67         MP3C         X         -0         2.5           67         MP2A         X         -2.031         2.5           68         MP2A         X         -2.031         2.5           69         MP2A         X         -3.32         2.5           71         MP2B         X         -3.32         2.5           71         MP2B         X <td></td> <td></td> <td>X 7</td> <td></td> <td></td>			X 7		
58         MP3A         X         -2.507         2.5           59         MP3A         Z         0         2.5           60         MP3A         Mx        001         2.5           61         MP3B         X         -3.44         2.5           62         MP3B         Z         0         2.5           63         MP3B         Mx         .00086         2.5           64         MP3C         X         -3.44         2.5           65         MP3C         Z         0         2.5           66         MP3C         Mx         .00086         2.5           66         MP3C         Mx         .00086         2.5           67         MP2A         X         -2.031         2.5           68         MP2A         X         -2.031         2.5           69         MP2A         X         -3.32         2.5           70         MP2B         X         -3.32         2.5           71         MP2B         Z         0         2.5           72         MP2B         Mx         .00083         2.5           75         MP2C         X					1.5
59         MP3A         Z         0         2.5           60         MP3A         Mx        001         2.5           61         MP3B         X         -3.44         2.5           62         MP3B         Z         0         2.5           63         MP3B         Mx         .00086         2.5           64         MP3C         X         -3.44         2.5           65         MP3C         X         -3.44         2.5           66         MP3C         Mx         .00086         2.5           66         MP3C         Mx         .00086         2.5           67         MP2A         X         -2.031         2.5           68         MP2A         X         -2.031         2.5           69         MP2A         X         -3.32         2.5           70         MP2B         X         -3.32         2.5           71         MP2B         X         -3.32         2.5           73         MP2B         X         -3.32         2.5           74         MP2C         X         -3.32         2.5           75         MP2C					
60         MP3A         Mx        001         2.5           61         MP3B         X         -3.44         2.5           62         MP3B         Z         0         2.5           63         MP3B         Mx         .00086         2.5           64         MP3C         X         -3.44         2.5           65         MP3C         Z         0         2.5           66         MP3C         Mx         .00086         2.5           67         MP2A         X         .00086         2.5           68         MP2A         Z         0         2.5           68         MP2A         Z         0         2.5           69         MP2A         X         -3.32         2.5           70         MP2B         X         -3.32         2.5           71         MP2B         X         -3.32         2.5           72         MP2B         Mx         .00083         2.5           73         MP2C         X         -3.32         2.5           74         MP2C         Z         0         2.5           74         MP2C         X			X 7		
61         MP3B         X         -3.44         2.5           62         MP3B         Z         0         2.5           63         MP3B         Mx         .00086         2.5           64         MP3C         X         -3.44         2.5           65         MP3C         Z         0         2.5           66         MP3C         Mx         .00086         2.5           67         MP2A         X         -2.031         2.5           68         MP2A         Z         0         2.5           69         MP2A         Z         0         2.5           70         MP2B         X         -3.32         2.5           71         MP2B         Z         0         2.5           72         MP2B         X         -3.32         2.5           72         MP2B         Mx         .00083         2.5           73         MP2C         X         -3.32         2.5           74         MP2C         X         -3.32         2.5           75         MP2C         Mx         .00083         2.5           75         MP2C         Mx					
62         MP3B         Z         0         2.5           63         MP3B         Mx         .00086         2.5           64         MP3C         X         -3.44         2.5           65         MP3C         Z         0         2.5           66         MP3C         Mx         .00086         2.5           67         MP2A         X         -2.031         2.5           68         MP2A         Z         0         2.5           69         MP2A         X         -3.32         2.5           70         MP2B         X         -3.32         2.5           71         MP2B         X         -3.32         2.5           71         MP2B         X         0         2.5           72         MP2B         MX         .00083         2.5           73         MP2C         X         -3.32         2.5           74         MP2B         MX         .00083         2.5           75         MP2C         X         -3.32         2.5           76         MP1A         X         -4.573         .5           77         MP1A         X <td></td> <td></td> <td></td> <td></td> <td></td>					
63         MP3B         Mx         .00086         2.5           64         MP3C         X         -3.44         2.5           65         MP3C         Z         0         2.5           66         MP3C         Mx         .00086         2.5           67         MP2A         X         -2.031         2.5           68         MP2A         Z         0         2.5           69         MP2A         Mx        001         2.5           70         MP2B         X         -3.32         2.5           71         MP2B         Z         0         2.5           71         MP2B         Z         0         2.5           73         MP2B         X         -3.32         2.5           74         MP2B         Mx         .00083         2.5           74         MP2C         X         -3.32         2.5           75         MP2C         X         -3.32         2.5           76         MP1A         X         -4.573         .5           79         MP1A         X         -4.573         .5           80         MP1A         X <td></td> <td></td> <td>7</td> <td></td> <td>2.5</td>			7		2.5
64         MP3C         X         -3.44         2.5           65         MP3C         Z         0         2.5           66         MP3C         Mx         .00086         2.5           67         MP2A         X         -2.031         2.5           68         MP2A         Z         0         2.5           69         MP2A         Mx        001         2.5           70         MP2B         X         -3.32         2.5           71         MP2B         Z         0         2.5           72         MP2B         X         -3.32         2.5           72         MP2B         Mx         .00083         2.5           73         MP2C         X         -3.32         2.5           74         MP2C         X         -3.32         2.5           74         MP2C         X         -3.32         2.5           75         MP2C         X         -3.32         2.5           76         MP1A         X         -4.573         .5           77         MP1A         X         -4.573         .5           79         MP1A         X </td <td></td> <td></td> <td></td> <td></td> <td></td>					
65         MP3C         Z         0         2.5           66         MP3C         Mx         .00086         2.5           67         MP2A         X         -2.031         2.5           68         MP2A         Z         0         2.5           69         MP2A         Mx        001         2.5           70         MP2B         X         -3.32         2.5           71         MP2B         Z         0         2.5           72         MP2B         X         -3.32         2.5           73         MP2C         X         -3.32         2.5           74         MP2C         Z         0         2.5           75         MP2C         X         -3.32         2.5           75         MP2C         X         -3.32         2.5           75         MP2C         Mx         .00083         2.5           76         MP1A         X         -4.573         .5           77         MP1A         X         -4.573         .5           79         MP1A         X         -4.573         5.5           80         MP1A         X					
66         MP3C         Mx         .00086         2.5           67         MP2A         X         -2.031         2.5           68         MP2A         Z         0         2.5           69         MP2A         Mx        001         2.5           70         MP2B         X         -3.32         2.5           71         MP2B         Z         0         2.5           71         MP2B         Mx         .00083         2.5           72         MP2B         Mx         .00083         2.5           73         MP2C         X         -3.32         2.5           74         MP2C         X         -3.32         2.5           75         MP2C         X         -3.32         2.5           75         MP2C         X         -3.32         2.5           75         MP2C         Mx         .00083         2.5           76         MP1A         X         -4.573         .5           77         MP1A         X         -4.573         .5           79         MP1A         X         -4.573         5.5           80         MP1A					
67         MP2A         X         -2.031         2.5           68         MP2A         Z         0         2.5           69         MP2A         Mx        001         2.5           70         MP2B         X         -3.32         2.5           71         MP2B         Z         0         2.5           72         MP2B         Mx         .00083         2.5           73         MP2C         X         -3.32         2.5           74         MP2C         X         -3.32         2.5           75         MP2C         MX         .00083         2.5           76         MP1A         X         -4.573         .5           77         MP1A         X         -4.573         .5           79         MP1A         X         -4.573         5.5           80         MP1A <t< td=""><td></td><td></td><td></td><td></td><td></td></t<>					
68         MP2A         Z         0         2.5           69         MP2A         Mx        001         2.5           70         MP2B         X         -3.32         2.5           71         MP2B         Z         0         2.5           72         MP2B         Mx         .00083         2.5           73         MP2C         X         -3.32         2.5           74         MP2C         Z         0         2.5           75         MP2C         Mx         .00083         2.5           76         MP1A         X         -4.573         .5           77         MP1A         Z         0         .5           79         MP1A         X         -4.573         5.5           80         MP1A         X         -4.573         5.5           81         MP1A         X         -5.475         .5           82         MP1B         X         -5.475         .5           84         MP1B         X         -5.475         .5           84         MP1B         Mx        001         .5					
69         MP2A         Mx        001         2.5           70         MP2B         X         -3.32         2.5           71         MP2B         Z         0         2.5           72         MP2B         Mx         .00083         2.5           73         MP2C         X         -3.32         2.5           74         MP2C         Z         0         2.5           75         MP2C         MX         .00083         2.5           76         MP1A         X         -4.573         .5           77         MP1A         Z         0         .5           78         MP1A         X         -4.573         .5           79         MP1A         X         -4.573         5.5           80         MP1A         X         -4.573         5.5           81         MP1A         X         -5.5           82         MP1B         X         -5.475         .5           83         MP1B         X         -5.475         .5           84         MP1B         Mx        001         .5			7		
70         MP2B         X         -3.32         2.5           71         MP2B         Z         0         2.5           72         MP2B         Mx         .00083         2.5           73         MP2C         X         -3.32         2.5           74         MP2C         Z         0         2.5           75         MP2C         Mx         .00083         2.5           76         MP1A         X         -4.573         .5           77         MP1A         Z         0         .5           78         MP1A         Mx         .002         .5           79         MP1A         X         -4.573         5.5           80         MP1A         X         -4.573         5.5           81         MP1A         X         -5.5           82         MP1B         X         -5.475         .5           83         MP1B         X         -5.475         .5           84         MP1B         Mx        001         .5					
71         MP2B         Z         0         2.5           72         MP2B         Mx         .00083         2.5           73         MP2C         X         -3.32         2.5           74         MP2C         Z         0         2.5           75         MP2C         Mx         .00083         2.5           76         MP1A         X         -4.573         .5           77         MP1A         Z         0         .5           78         MP1A         Mx         .002         .5           79         MP1A         X         -4.573         5.5           80         MP1A         X         -4.573         5.5           81         MP1A         X         -5.475         .5           82         MP1B         X         -5.475         .5           83         MP1B         X         -5.475         .5           84         MP1B         Mx        001         .5					
72         MP2B         Mx         .00083         2.5           73         MP2C         X         -3.32         2.5           74         MP2C         Z         0         2.5           75         MP2C         Mx         .00083         2.5           76         MP1A         X         -4.573         .5           77         MP1A         Z         0         .5           78         MP1A         Mx         .002         .5           79         MP1A         X         -4.573         5.5           80         MP1A         Z         0         5.5           81         MP1A         Mx         .002         5.5           82         MP1B         X         -5.475         .5           83         MP1B         Z         0         .5           84         MP1B         Mx        001         .5					
73         MP2C         X         -3.32         2.5           74         MP2C         Z         0         2.5           75         MP2C         Mx         .00083         2.5           76         MP1A         X         -4.573         .5           77         MP1A         Z         0         .5           78         MP1A         Mx         .002         .5           79         MP1A         X         -4.573         5.5           80         MP1A         Z         0         5.5           81         MP1A         Mx         .002         5.5           82         MP1B         X         -5.475         .5           83         MP1B         Z         0         .5           84         MP1B         Mx        001         .5					2.5
74         MP2C         Z         0         2.5           75         MP2C         Mx         .00083         2.5           76         MP1A         X         -4.573         .5           77         MP1A         Z         0         .5           78         MP1A         Mx         .002         .5           79         MP1A         X         -4.573         5.5           80         MP1A         Z         0         5.5           81         MP1A         Mx         .002         5.5           82         MP1B         X         -5.475         .5           83         MP1B         Z         0         .5           84         MP1B         Mx        001         .5					
75         MP2C         Mx         .00083         2.5           76         MP1A         X         -4.573         .5           77         MP1A         Z         0         .5           78         MP1A         Mx         .002         .5           79         MP1A         X         -4.573         5.5           80         MP1A         Z         0         5.5           81         MP1A         Mx         .002         5.5           82         MP1B         X         -5.475         .5           83         MP1B         Z         0         .5           84         MP1B         Mx        001         .5			7		
76         MP1A         X         -4.573         .5           77         MP1A         Z         0         .5           78         MP1A         Mx         .002         .5           79         MP1A         X         -4.573         5.5           80         MP1A         Z         0         5.5           81         MP1A         Mx         .002         5.5           82         MP1B         X         -5.475         .5           83         MP1B         Z         0         .5           84         MP1B         Mx        001         .5					
77         MP1A         Z         0         .5           78         MP1A         Mx         .002         .5           79         MP1A         X         -4.573         5.5           80         MP1A         Z         0         5.5           81         MP1A         Mx         .002         5.5           82         MP1B         X         -5.475         .5           83         MP1B         Z         0         .5           84         MP1B         Mx        001         .5			X		.5
78         MP1A         Mx         .002         .5           79         MP1A         X         -4.573         5.5           80         MP1A         Z         0         5.5           81         MP1A         Mx         .002         5.5           82         MP1B         X         -5.475         .5           83         MP1B         Z         0         .5           84         MP1B         Mx        001         .5			Z		.5
79         MP1A         X         -4.573         5.5           80         MP1A         Z         0         5.5           81         MP1A         Mx         .002         5.5           82         MP1B         X         -5.475         .5           83         MP1B         Z         0         .5           84         MP1B         Mx        001         .5					.5
80         MP1A         Z         0         5.5           81         MP1A         Mx         .002         5.5           82         MP1B         X         -5.475         .5           83         MP1B         Z         0         .5           84         MP1B         Mx        001         .5					
81         MP1A         Mx         .002         5.5           82         MP1B         X         -5.475         .5           83         MP1B         Z         0         .5           84         MP1B         Mx        001         .5			Z		
82     MP1B     X     -5.475     .5       83     MP1B     Z     0     .5       84     MP1B     Mx    001     .5				.002	
83         MP1B         Z         0         .5           84         MP1B         Mx        001         .5	82		X	-5.475	.5
84 MP1B Mx001 .5					
					.5
7 0.00	85	MP1B	X	-5.475	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
86	MP1B	Z	0	5.5
87	MP1B	Mx	001	5.5
88	MP1C	X	-5.475	.5
89	MP1C	Z	0	.5
90	MP1C	Mx	001	.5
91	MP1C	X	-5.475	5.5
92	MP1C	Z	0	5.5
93	MP1C	Mx	001	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-7.459	1
2	MP2A	Z	-4.306	1
3	MP2A	Mx	.001	1
4	MP2A	X	-7.459	5
5	MP2A	Z	-4.306	5
6	MP2A	Mx	.001	5
7	MP2B	X	-9.891	1
8	MP2B	Z	-5.711	1
9	MP2B	Mx	.007	1
10	MP2B	X	-9.891	5
11	MP2B	Z	-5.711	5
12	MP2B	Mx	.007	5
13	MP2C	X	-7.459	1
14	MP2C	Z	-4.306	1
15	MP2C	Mx	006	1
16	MP2C	X	-7.459	5
17	MP2C	Z	-4.306	5
18	MP2C	Mx	006	5
19	MP2A	X	-7.459	1
20	MP2A	Z	-4.306	1
21	MP2A	Mx	.006	1
22	MP2A	X	-7.459	5
23	MP2A	Z	-4.306	5
24	MP2A	Mx	.006	5
25	MP2B	X	-9.891	1
26	MP2B	Z	-5.711	1
27	MP2B	Mx	007	1
28	MP2B	X	-9.891	5
29	MP2B	Z	-5.711	5
30	MP2B	Mx	007	5
31	MP2C	X	-7.459	1
32	MP2C	Z	-4.306	1
33	MP2C	Mx	001	1
34	MP2C	X	-7.459	5
35	MP2C	Z	-4.306	5
36	MP2C	Mx	001	5
37	MP4A	X	-2.219	2
38	MP4A	Z	-1.281	2
39	MP4A	Mx	.001	2
40	MP4A	X	-2.219	4
41	MP4A	Ž	-1.281	4
42	MP4A	Mx	.001	4
43	MP4B	X	-4.082	2
44	MP4B	Ž	-2.357	2
45	MP4B	Mx	0	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
46	MP4B	X	-4.082	4
47	MP4B	Z	-2.357	4
48	MP4B	Mx	0	4
49	MP4C	X	-2.219	2
50	MP4C	Z	-1.281	2
51	MP4C	Mx	001	2
52	MP4C	X	-2.219	4
53	MP4C	Ž	-1.281	4
54	MP4C	Mx	001	4
55	M85A	X	-6.634	1.5
56	M85A	Z	-3.83	1.5
57	M85A	Mx	0	1.5
58	MP3A	X	-2.44	2.5
59	MP3A	Ž	-1.409	2.5
60	MP3A	Mx	001	2.5
61	MP3B	X	-3.248	2.5
62	MP3B	Ž	-1.875	2.5
63	MP3B	Mx	0	2.5
64	MP3C	X	-2.44	2.5
65	MP3C	Ž	-1.409	2.5
66	MP3C	Mx	.001	2.5
67	MP2A	X	-2.131	2.5
68	MP2A	Ž	-1.23	2.5
69	MP2A	Mx	001	2.5
70	MP2B	X	-3.248	2.5
71	MP2B	Ž	-1.875	2.5
72	MP2B	Mx	0	2.5
73	MP2C	X	-2.131	2.5
74	MP2C	Z	-1.23	2.5
75	MP2C	Mx	.001	2.5
76	MP1A	X	-4.221	.5
77	MP1A	Z	-2.437	.5
78	MP1A	Mx	.002	.5
79	MP1A	X	-4.221	5.5
80	MP1A	Z	-2.437	5.5
81	MP1A	Mx	.002	5.5
82	MP1B	X	-5.002	.5
83	MP1B	Ž	-2.888	.5
84	MP1B	Mx	0	.5
85	MP1B	X	-5.002	5.5
86	MP1B	Z	-2.888	5.5
87	MP1B	Mx	0	5.5
88	MP1C	X	-4.221	.5
89	MP1C	Z	-2.437	.5
90	MP1C	Mx	002	.5
91	MP1C	X	-4.221	5.5
92	MP1C	Z	-2.437	5.5
93	MP1C	Mx	- 002	5.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-5.243	1
2	MP2A	Z	-9.081	1
3	MP2A	Mx	003	1
4	MP2A	X	-5.243	5
5	MP2A	Z	-9.081	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
6	MP2A	Mx	003	5
7	MP2B	X	-5.243	1
8	MP2B	Z	-9.081	1
9	MP2B	Mx	.008	1
10	MP2B	X	-5.243	5
11	MP2B	Z	-9.081	5
12	MP2B	Mx	.008	5
13	MP2C	X	-3.838	11
14	MP2C	Z	-6.648	1
15	MP2C	Mx	004	1
16	MP2C	X	-3.838	5
17	MP2C	Z	-6.648	5
18	MP2C	Mx	004	5
19	MP2A	X	-5.243	1
20	MP2A	Z	-9.081	1
21	MP2A	Mx	.008	1
22	MP2A	X	-5.243	5
23	MP2A	Z	-9.081	5
24	MP2A	Mx	.008	5
25	MP2B	X	-5.243	1
26	MP2B	Z	-9.081	1
27	MP2B	Mx	003	1
28	MP2B	X	-5.243	5
29	MP2B	Z	-9.081	5
30	MP2B	Mx	003	5
31	MP2C	X	-3.838	1
32	MP2C	Z	-6.648	1
33	MP2C	Mx	004	1
34	MP2C	X	-3.838	5
35	MP2C	Z	-6.648	5
36	MP2C	Mx	004	5
37	MP4A	X	-1.998	2
38	MP4A	Z	-3.461	2
39	MP4A	Mx	.000999	2
40	MP4A	X	-1.998	4
41	MP4A	Z	-3.461	4
42	MP4A	Mx	.000999	4
43	MP4B	X	-1.998	2 2
44	MP4B		-3.461	
45	MP4B MP4B	Mx V	.000999 -1.998	2
46 47	MP4B	X Z	-3.461	<u>4</u> 4
48	MP4B MP4B	Mx	.000999	4
48	MP4C	X	923	2
50	MP4C MP4C	Z	923	2
51	MP4C MP4C	Mx	000923	2
52	MP4C MP4C	X	000923	4
53	MP4C MP4C	Z	-1.598	4
54	MP4C MP4C	Mx	000923	4
55	M85A	X	-4.071	1.5
56	M85A	Z	-7.052	1.5
57	M85A	Mx	0	1.5
58	MP3A	Y	-1.72	2.5
59	MP3A	X Z	-2.979	2.5
60	MP3A	Mx	00086	2.5
61	MP3B	X	-1.72	2.5
62	MP3B	Z	-2.979	2.5
02	IVIFOD		-2.313	۷.ن



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
63	MP3B	Mx	00086	2.5
64	MP3C	X	-1.253	2.5
65	MP3C	Z	-2.171	2.5
66	MP3C	Mx	.001	2.5
67	MP2A	X	-1.66	2.5
68	MP2A	Z	-2.876	2.5
69	MP2A	Mx	00083	2.5
70	MP2B	X	-1.66	2.5
71	MP2B	Z	-2.876	2.5
72	MP2B	Mx	00083	2.5
73	MP2C	X	-1.015	2.5
74	MP2C	Z	-1.759	2.5
75	MP2C	Mx	.001	2.5
76	MP1A	X	-2.738	.5
77	MP1A	Z	-4.742	.5
78	MP1A	Mx	.001	.5
79	MP1A	X	-2.738	5.5
80	MP1A	Z	-4.742	5.5
81	MP1A	Mx	.001	5.5
82	MP1B	X	-2.738	.5
83	MP1B	Z	-4.742	.5
84	MP1B	Mx	.001	.5
85	MP1B	X	-2.738	5.5
86	MP1B	Z	-4.742	5.5
87	MP1B	Mx	.001	5.5
88	MP1C	X	-2.287	.5
89	MP1C	Z	-3.961	.5
90	MP1C	Mx	002	.5
91	MP1C	X	-2.287	5.5
92	MP1C	Z	-3.961	5.5
93	MP1C	Mx	002	5.5

#### Member Point Loads (BLC 77 : Lm1)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M73	Υ	-500	%54

#### Member Point Loads (BLC 78 : Lm2)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M73	Υ	-500	%8.358

#### Member Point Loads (BLC 79 : Lv1)

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

#### Member Point Loads (BLC 80 : Lv2)

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

#### 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	M4	Υ	-9.499	-9.499	0	%100
2	M10	Υ	-9.499	-9.499	0	%100
3	M43	Υ	-9.499	-9.499	0	%100

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

	Member Label	Direction		End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
4	M46	Y	-10.008	-10.008	0	%100
5	M51B	Ý	-5.089	-5.089	0	%100
6	M52B	Y	-5.089	-5.089	0	%100
7	M76	Y	-9.995	-9.995	0	%100
8	M77	Y	-9.995	-9.995	0	%100
9	M80	Y	-10.008	-10.008	0	%100
10	M84	Υ	-9.995	-9.995	0	%100
11	M85	Y	-9.995	-9.995	0	%100
12	M91	Υ	-10.008	-10.008	0	%100
13	M25	Y	-9.499	-9.499	0	%100
14	M26	Υ	-9.499	-9.499	0	%100
15	M27	Y	-9.499	-9.499	0	%100
16	M28	Υ	-10.008	-10.008	0	%100
17	M31	Y	-5.089	-5.089	0	%100
18	M32	Υ	-5.089	-5.089	0	%100
19	M36	Y	-9.995	-9.995	0	%100
20	M37	Υ	-9.995	-9.995	0	%100
21	M39	Y	-10.008	-10.008	0	%100
22	M41	Y	-9.995	-9.995	0	%100
23	M42	Υ	-9.995	-9.995	0	%100
24	M44	Υ	-10.008	-10.008	0	%100
25	M49	Υ	-9.499	-9.499	0	%100
26	M50A	Υ	-9.499	-9.499	0	%100
27	M51C	Υ	-9.499	-9.499	0	%100
28	M52A	Υ	-10.008	-10.008	0	%100
29	M55	Υ	-5.089	-5.089	0	%100
30	M56	Υ	-5.089	-5.089	0	%100
31	M60	Υ	-9.995	-9.995	0	%100
32	M61	Υ	-9.995	-9.995	0	%100
33	M63	Υ	-10.008	-10.008	0	%100
34	M65	Υ	-9.995	-9.995	0	%100
35	M66	Υ	-9.995	-9.995	0	%100
36	M68	Υ	-10.008	-10.008	0	%100
37	M73	Υ	-6.486	-6.486	0	%100
38	M74	Υ	-6.486	-6.486	0	%100
39	M75	Υ	-6.486	-6.486	0	%100
40	MP1A	Υ	-4.915	-4.915	0	%100
41	MP2A	Υ	-5.613	-5.613	0	%100
42	MP3A	Υ	-4.915	-4.915	0	%100
43	MP4A	Υ	-4.915	-4.915	0	%100
44	M85A	Υ	-4.915	-4.915	0	%100
45	MP1C	Υ	-4.915	-4.915	0	%100
46	MP2C	Υ	-5.613	-5.613	0	%100
47	MP3C	Y	-4.915	-4.915	0	%100
48	MP4C	Υ	-4.915	-4.915	0	%100
49	MP1B	Υ	-4.915	-4.915	0	%100
50	MP2B	Υ	-5.613	-5.613	0	%100
51	MP3B	Y	-4.915	-4.915	0	%100
52	MP4B	Y	-4.915	-4.915	0	%100
53	M102	Y	-5.613	-5.613	0	%100
54	M108	Y	-5.613	-5.613	0	%100
55	M114	Y	-5.613	-5.613	0	%100
<u>56</u>	M125	Y	-7.524	-7.524	0	%100
57	M126	Y	-7.524	-7.524	0	%100
58	M127	Υ	-7.524	-7.524	0	%100

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

1         M4         X         0         0         0         %1           3         M10         X         0         0         0         %1           4         M10         X         0         0         0         %1           5         M43         X         0         0         0         %1           6         M43         Z         -8,711         -8,711         0         %1           8         M46         X         0         0         0         %1           8         M46         Z         -17,376         -17,376         0         %1           9         M51B         X         0         0         0         %1           10         M51B         Z         -1,809         -1,809         0         %1           11         M52B         X         0         0         0         %1           12         M52B         Z         -1,809         -1,809         0         %1           14         M76         X         0         0         0         %1           14         M76         X         0         0         0         <	00 00 00 00 00 00 00 00 00 00 00
3         M10         X         0         0         %1           4         M10         Z         -8,711         -8,711         0         %1           5         M43         X         0         0         0         %1           6         M43         Z         -8,711         -8,711         0         %1           7         M46         X         0         0         0         %1           8         M46         Z         -17,376         -17,376         0         %1           9         M51B         X         0         0         0         %1           10         M51B         Z         -1,809         -1,809         0         %1           11         M52B         X         0         0         0         %1           12         M52B         Z         -1,809         -1,809         0         %1           13         M76         X         0         0         0         %1           14         M76         X         0         0         0         %1           15         M77         X         0         0         0         %1 </td <td>00 00 00 00 00 00 00 00 00 00</td>	00 00 00 00 00 00 00 00 00 00
4         M10         Z         -8,711         -8,711         0         %1           5         M43         X         0         0         0         %1           6         M43         Z         -8,711         8,711         0         %1           7         M46         X         0         0         0         %1           8         M46         Z         -17,376         -17,376         0         %1           9         M51B         X         0         0         0         %1           10         M51B         Z         -1,809         -1,809         0         %1           11         M52B         X         0         0         0         %1           12         M52B         Z         -1,809         -1,809         0         %1           13         M76         X         0         0         0         %1           14         M76         X         0         0         0         %1           15         M77         X         0         0         0         %1           16         M77         X         0         0         0 <td>00 00 00 00 00 00 00 00 00</td>	00 00 00 00 00 00 00 00 00
6         M43         X         0         0         0         %1           6         M43         Z         -8,711         -8,711         0         %1           7         M46         X         0         0         0         %1           8         M46         Z         -17,376         -17,376         0         %1           9         M51B         X         0         0         0         %1           10         M51B         Z         -1,809         -1,809         0         %1           11         M52B         X         0         0         0         %1           12         M52B         Z         -1,809         -1,809         0         %1           13         M76         X         0         0         0         %1           14         M76         X         0         0         0         %1           15         M77         X         0         0         0         %1           16         M77         Z         -4,424         -4,424         0         %1           18         M80         X         0         0         0<	00 00 00 00 00 00 00 00
6         M43         Z         -8.711         -8.711         0         %1           7         M46         X         0         0         0         %1           8         M46         Z         -17.376         0         %1           9         M51B         X         0         0         0         %1           10         M51B         Z         -1.809         -1.809         0         %1           11         M52B         X         0         0         0         %1           12         M52B         Z         -1.809         -1.809         0         %1           12         M52B         Z         -1.809         -1.809         0         %1           14         M76         X         0         0         0         %1           14         M76         X         0         0         0         %1           15         M77         X         0         0         0         %1           17         M80         X         0         0         0         %1           18         M80         Z         -4.66         -4.66         0 <t< td=""><td>00 00 00 00 00 00 00</td></t<>	00 00 00 00 00 00 00
7         M46         X         0         0         %1           8         M46         Z         -17.376         -17.376         0         %1           9         M51B         X         0         0         0         %1           10         M51B         Z         -1.809         -1.809         0         %1           11         M52B         X         0         0         0         %1           12         M52B         Z         -1.809         -1.809         0         %1           13         M76         X         0         0         0         %1           14         M76         Z         0         0         0         %1           15         M77         X         0         0         0         %1           16         M77         Z         -4.424         -4.424         0         %1           17         M80         X         0         0         0         %1           18         M80         X         0         0         0         %1           19         M84         X         0         0         0         %1	00 00 00 00 00 00
8         M46         Z         -17.376         -17.376         0         %1           9         M51B         X         0         0         0         %1           10         M51B         Z         -1.809         -1.809         0         %1           11         M52B         X         0         0         0         %1           12         M52B         Z         -1.809         -1.809         0         %1           13         M76         X         0         0         0         0         %1           14         M76         Z         0         0         0         0         %1           14         M76         Z         0         0         0         %1         %1           16         M77         X         0         0         0         %1         %1           16         M77         Z         -4.424         -4.424         0         %1           17         M80         X         0         0         0         %1           18         M84         X         0         0         0         %1           19         M84	00 00 00 00 00
9         M51B         X         0         0         0         %1           10         M51B         Z         -1.809         -1.809         0         %1           12         M52B         X         -1.809         -1.809         0         %1           13         M76         X         0         0         0         %1           14         M76         Z         0         0         0         %1           15         M77         X         0         0         0         %1           16         M77         Z         -4.424         -4.424         0         %1           16         M77         Z         -4.424         -4.424         0         %1           17         M80         X         0         0         0         %1           18         M80         Z         -4.66         -4.66         0         %1           19         M84         X         0         0         0         %1           20         M84         Z         0         0         0         %1           21         M85         X         0         0         0 </td <td>00 00 00 00</td>	00 00 00 00
10	00 00 00
11         M52B         X         0         0         %1           12         M52B         Z         -1.809         -1.809         0         %1           13         M76         X         0         0         0         %1           14         M76         Z         0         0         0         %1           15         M77         X         0         0         0         %1           16         M77         Z         -4.424         -4.424         0         %1           17         M80         X         0         0         0         %1           18         M80         Z         -4.66         -4.66         0         %1           19         M84         X         0         0         0         0         %1           20         M84         Z         0         0         0         %1         %1           21         M85         X         0         0         0         %1         %1           21         M85         X         0         0         0         %1         %1           22         M85         Z         -	00 00
12         M52B         Z         -1.809         -1.809         0         %1           13         M76         X         0         0         0         %1           14         M76         Z         0         0         0         %1           15         M77         X         0         0         0         %1           16         M77         Z         -4.424         -4.424         0         %1           16         M77         Z         -4.424         -4.424         0         %1           18         M80         X         0         0         0         %1           19         M84         X         0         0         0         %1           20         M84         X         0         0         0         %1           21         M85         X         0         0         0         %1           22         M85         Z         -4.424         -4.424         0         %1           23         M91         X         0         0         0         %1           24         M91         Z         -4.66         -4.66         0 <td>00</td>	00
13         M76         X         0         0         0         %1           14         M76         Z         0         0         0         %1           15         M77         X         0         0         0         %1           16         M77         Z         -4.424         -4.424         0         %1           17         M80         X         0         0         0         %1           18         M80         Z         -4.66         -4.66         0         %1           19         M84         X         0         0         0         %1           20         M84         X         0         0         0         %1           21         M85         X         0         0         0         %1           21         M85         X         0         0         0         %1           23         M91         X         0         0         0         %1           24         M91         Z         -4.66         -4.66         0         %1           25         M25         X         0         0         0         %1	
14         M76         Z         0         0         0         %1           15         M77         X         0         0         0         %1           16         M77         Z         -4.424         -4.424         0         %1           17         M80         X         0         0         0         %1           18         M80         Z         -4.66         -4.66         0         %1           19         M84         X         0         0         0         %1           20         M84         X         0         0         0         %1           20         M84         Z         0         0         0         %1           21         M85         X         0         0         0         %1           22         M85         Z         -4.424         -4.424         0         %1           23         M91         X         0         0         0         %1           24         M91         Z         -4.66         -4.66         0         %1           25         M25         X         0         0         0 <t< td=""><td> '</td></t<>	'
15         M77         X         0         0         %1           16         M77         Z         -4.424         -4.424         0         %1           17         M80         X         0         0         0         %1           18         M80         Z         -4.66         -4.66         0         %1           19         M84         X         0         0         0         %1           20         M84         Z         0         0         0         %1           20         M84         Z         0         0         0         %1           21         M85         X         0         0         0         %1           22         M85         Z         -4.424         -4.424         0         %1           23         M91         X         0         0         0         %1           24         M91         Z         -4.66         -4.66         0         %1           25         M25         X         0         0         0         %1           26         M25         Z         -8.302         -8.302         0         %1	
16         M77         Z         -4.424         -4.424         0         %1           17         M80         X         0         0         0         %1           18         M80         Z         -4.66         -4.66         0         %1           19         M84         X         0         0         0         %1           20         M84         Z         0         0         0         %1           21         M85         X         0         0         0         %1           21         M85         X         0         0         0         %1           22         M85         Z         -4.424         -4.424         0         %1           23         M91         X         0         0         0         %1           24         M91         Z         -4.66         -4.66         0         %1           25         M25         X         0         0         0         %1           26         M25         Z         -8.302         -8.302         0         %1           27         M26         X         0         0         0	
17         M80         X         0         0         %1           18         M80         Z         -4.66         -4.66         0         %1           19         M84         X         0         0         0         %1           20         M84         Z         0         0         0         %1           21         M85         X         0         0         0         %1           22         M85         Z         -4.424         -4.424         0         %1           22         M85         Z         -4.66         -4.66         0         %1           23         M91         X         0         0         0         %1           24         M91         Z         -4.66         -4.66         0         %1           25         M25         X         0         0         0         %1           26         M25         Z         -8.302         -8.302         0         %1           26         M25         Z         -8.302         -8.302         0         %1           28         M26         X         0         0         0 <td< td=""><td></td></td<>	
18         M80         Z         -4.66         -4.66         0         %1           19         M84         X         0         0         0         %1           20         M84         Z         0         0         0         %1           21         M85         X         0         0         0         %1           22         M85         Z         -4.424         -4.424         0         %1           23         M91         X         0         0         0         %1           24         M91         Z         -4.66         -4.66         0         %1           24         M91         Z         -4.66         -4.66         0         %1           26         M25         X         0         0         0         %1           26         M25         X         0         0         0         %1           27         M26         X         0         0         0         %1           28         M26         Z         -2.178         -2.178         0         %1           30         M27         X         0         0         0	
19         M84         X         0         0         0         %1           20         M84         Z         0         0         0         %1           21         M85         X         0         0         0         %1           22         M85         Z         -4.424         -4.424         0         %1           23         M91         X         0         0         0         %1           24         M91         Z         -4.66         -4.66         0         %1           24         M91         Z         -4.66         -4.66         0         %1           26         M25         X         0         0         0         %1           26         M25         Z         -8.302         0         %1           28         M26         X         0         0         0         %1           28         M26         Z         -2.178         0         %1           30         M27         X         0         0         0         %1           31         M28         X         0         0         0         %1           <	
20         M84         Z         0         0         0         %1           21         M85         X         0         0         0         %1           22         M85         Z         -4.424         -4.424         0         %1           23         M91         X         0         0         0         %1           24         M91         Z         -4.66         -4.66         0         %1           24         M91         Z         -4.66         -4.66         0         %1           25         M25         X         0         0         0         %1           26         M25         Z         -8.302         -8.302         0         %1           26         M26         X         0         0         0         %1           27         M26         X         0         0         0         %1           28         M26         Z         -2.178         -2.178         0         %1           29         M27         X         0         0         0         %1           30         M27         Z         -2.178         -2.178         <	
21         M85         X         0         0         %1           22         M85         Z         -4.424         -4.424         0         %1           23         M91         X         0         0         0         %1           24         M91         Z         -4.66         -4.66         0         %1           25         M25         X         0         0         0         %1           26         M25         Z         -8.302         -8.302         0         %1           26         M25         Z         -8.302         -8.302         0         %1           27         M26         X         0         0         0         %1           28         M26         Z         -2.178         -2.178         0         %1           29         M27         X         0         0         0         %1           30         M27         Z         -2.178         -2.178         0         %1           31         M28         X         0         0         0         %1           32         M28         Z         -4.344         -4.344         0 <td></td>	
22         M85         Z         -4.424         -4.424         0         %1           23         M91         X         0         0         0         %1           24         M91         Z         -4.66         -4.66         0         %1           25         M25         X         0         0         0         %1           26         M25         Z         -8.302         0         %1           27         M26         X         0         0         0         %1           28         M26         Z         -2.178         -2.178         0         %1           28         M26         Z         -2.178         -2.178         0         %1           29         M27         X         0         0         0         %1           30         M27         Z         -2.178         -2.178         0         %1           31         M28         X         0         0         0         %1           32         M28         Z         -4.344         -4.344         0         %1           33         M31         X         0         0         0	
23         M91         X         0         0         %1           24         M91         Z         -4.66         -4.66         0         %1           25         M25         X         0         0         0         %1           26         M25         Z         -8.302         -8.302         0         %1           27         M26         X         0         0         0         %1           28         M26         Z         -2.178         -2.178         0         %1           29         M27         X         0         0         0         %1           30         M27         Z         -2.178         -2.178         0         %1           30         M27         Z         -2.178         -2.178         0         %1           31         M28         X         0         0         0         %1           32         M28         Z         -4.344         -4.344         0         %1           33         M31         X         0         0         0         %1           34         M31         Z         -1.809         -1.809         0 <td></td>	
24         M91         Z         -4.66         -4.66         0         %1           25         M25         X         0         0         0         %1           26         M25         Z         -8.302         -8.302         0         %1           27         M26         X         0         0         0         %1           28         M26         Z         -2.178         -2.178         0         %1           29         M27         X         0         0         0         %1           30         M27         X         0         0         0         %1           30         M27         X         0         0         0         %1           31         M28         X         0         0         0         %1           32         M28         X         0         0         0         %1           33         M31         X         0         0         0         %1           34         M31         X         0         0         0         %1           35         M32         X         0         0         0         %1 <td></td>	
25         M25         X         0         0         0         %1           26         M25         Z         -8.302         -8.302         0         %1           27         M26         X         0         0         0         0         %1           28         M26         Z         -2.178         -2.178         0         %1           29         M27         X         0         0         0         %1           30         M27         Z         -2.178         -2.178         0         %1           30         M27         Z         -2.178         -2.178         0         %1           30         M27         Z         -2.178         -2.178         0         %1           31         M28         X         0         0         0         %1           32         M28         X         0         0         0         %1           33         M31         X         0         0         0         %1           34         M31         X         0         0         0         %1           35         M32         X         0         0 </td <td></td>	
26         M25         Z         -8.302         -8.302         0         %1           27         M26         X         0         0         0         %1           28         M26         Z         -2.178         -2.178         0         %1           29         M27         X         0         0         0         %1           30         M27         Z         -2.178         -2.178         0         %1           31         M28         X         0         0         0         %1           32         M28         X         0         0         0         %1           33         M31         X         0         0         0         %1           34         M31         X         0         0         0         %1           35         M32         X         0         0         0         %1           36         M32         X         0         0         0         %1           37         M36         X         0         0         0         %1           38         M36         X         0         0         0         %1 </td <td></td>	
27         M26         X         0         0         %1           28         M26         Z         -2.178         -2.178         0         %1           29         M27         X         0         0         0         %1           30         M27         Z         -2.178         -2.178         0         %1           31         M28         X         0         0         0         %1           32         M28         Z         -4.344         -4.344         0         %1           33         M31         X         0         0         0         %1           34         M31         X         0         0         0         %1           35         M32         X         0         0         0         %1           36         M32         X         0         0         0         %1           37         M36         X         0         0         0         %1           38         M36         X         0         0         0         %1           39         M37         X         0         0         0         %1      <	
28         M26         Z         -2.178         -2.178         0         %1           29         M27         X         0         0         0         %1           30         M27         Z         -2.178         -2.178         0         %1           31         M28         X         0         0         0         %1           32         M28         Z         -4.344         -4.344         0         %1           33         M31         X         0         0         0         %1           34         M31         X         0         0         0         %1           35         M32         X         0         0         0         %1           36         M32         X         0         0         0         %1           37         M36         X         0         0         %1           38         M36         Z         -13.032         -13.032         0         %1           39         M37         X         0         0         %1           40         M37         Z         -4.424         -4.424         0         %1	
29         M27         X         0         0         %1           30         M27         Z         -2.178         -2.178         0         %1           31         M28         X         0         0         0         %1           32         M28         Z         -4.344         -4.344         0         %1           33         M31         X         0         0         0         %1           34         M31         Z         -1.809         -1.809         0         %1           35         M32         X         0         0         0         %1           36         M32         X         0         0         %1           37         M36         X         0         0         %1           38         M36         Z         -13.032         -13.032         0         %1           39         M37         X         0         0         %1           40         M37         Z         -4.424         -4.424         0         %1           41         M39         X         0         0         0         %1           42 <td< td=""><td></td></td<>	
30         M27         Z         -2.178         -2.178         0         %1           31         M28         X         0         0         0         %1           32         M28         Z         -4.344         -4.344         0         %1           33         M31         X         0         0         0         %1           34         M31         Z         -1.809         -1.809         0         %1           35         M32         X         0         0         0         %1           36         M32         Z         -7.236         -7.236         0         %1           37         M36         X         0         0         0         %1           38         M36         Z         -13.032         -13.032         0         %1           39         M37         X         0         0         0         %1           40         M37         Z         -4.424         -4.424         0         %1           41         M39         X         0         0         0         %1           42         M39         Z         -4.66         -4.66<	
31         M28         X         0         0         %1           32         M28         Z         -4.344         -4.344         0         %1           33         M31         X         0         0         0         %1           34         M31         Z         -1.809         -1.809         0         %1           35         M32         X         0         0         0         %1           36         M32         Z         -7.236         -7.236         0         %1           37         M36         X         0         0         0         %1           38         M36         Z         -13.032         -13.032         0         %1           39         M37         X         0         0         0         %1           40         M37         Z         -4.424         -4.424         0         %1           41         M39         X         0         0         0         %1           42         M39         Z         -4.66         -4.66         0         %1           43         M41         X         0         0         0	
32       M28       Z       -4.344       -4.344       0       %1         33       M31       X       0       0       0       %1         34       M31       Z       -1.809       -1.809       0       %1         35       M32       X       0       0       0       %1         36       M32       Z       -7.236       -7.236       0       %1         37       M36       X       0       0       0       %1         38       M36       Z       -13.032       -13.032       0       %1         39       M37       X       0       0       0       %1         40       M37       Z       -4.424       -4.424       0       %1         41       M39       X       0       0       0       %1         42       M39       Z       -4.66       -4.66       0       %1         43       M41       X       0       0       0       %1	
33         M31         X         0         0         0         %1           34         M31         Z         -1.809         -1.809         0         %1           35         M32         X         0         0         0         %1           36         M32         Z         -7.236         -7.236         0         %1           37         M36         X         0         0         0         %1           38         M36         Z         -13.032         -13.032         0         %1           39         M37         X         0         0         0         %1           40         M37         Z         -4.424         -4.424         0         %1           41         M39         X         0         0         0         %1           42         M39         Z         -4.66         -4.66         0         %1           43         M41         X         0         0         0         %1	
34         M31         Z         -1.809         -1.809         0         %1           35         M32         X         0         0         0         %1           36         M32         Z         -7.236         -7.236         0         %1           37         M36         X         0         0         0         %1           38         M36         Z         -13.032         -13.032         0         %1           39         M37         X         0         0         0         %1           40         M37         Z         -4.424         -4.424         0         %1           41         M39         X         0         0         0         %1           42         M39         Z         -4.66         -4.66         0         %1           43         M41         X         0         0         0         %1	
35         M32         X         0         0         0         %1           36         M32         Z         -7.236         -7.236         0         %1           37         M36         X         0         0         0         0         %1           38         M36         Z         -13.032         -13.032         0         %1           39         M37         X         0         0         0         %1           40         M37         Z         -4.424         -4.424         0         %1           41         M39         X         0         0         0         %1           42         M39         Z         -4.66         -4.66         0         %1           43         M41         X         0         0         0         %1	
36         M32         Z         -7.236         0         %1           37         M36         X         0         0         0         %1           38         M36         Z         -13.032         -13.032         0         %1           39         M37         X         0         0         0         %1           40         M37         Z         -4.424         -4.424         0         %1           41         M39         X         0         0         0         %1           42         M39         Z         -4.66         -4.66         0         %1           43         M41         X         0         0         0         %1	
37         M36         X         0         0         0         %1           38         M36         Z         -13.032         -13.032         0         %1           39         M37         X         0         0         0         %1           40         M37         Z         -4.424         -4.424         0         %1           41         M39         X         0         0         0         %1           42         M39         Z         -4.66         -4.66         0         %1           43         M41         X         0         0         0         %1	
38         M36         Z         -13.032         -13.032         0         %1           39         M37         X         0         0         0         %1           40         M37         Z         -4.424         -4.424         0         %1           41         M39         X         0         0         0         %1           42         M39         Z         -4.66         -4.66         0         %1           43         M41         X         0         0         0         %1	
39         M37         X         0         0         %1           40         M37         Z         -4.424         -4.424         0         %1           41         M39         X         0         0         0         %1           42         M39         Z         -4.66         -4.66         0         %1           43         M41         X         0         0         0         %1	
40     M37     Z     -4.424     -4.424     0     %1       41     M39     X     0     0     0     %1       42     M39     Z     -4.66     -4.66     0     %1       43     M41     X     0     0     0     %1	
41     M39     X     0     0     0     %1       42     M39     Z     -4.66     -4.66     0     %1       43     M41     X     0     0     0     %1	
42         M39         Z         -4.66         -4.66         0         %1           43         M41         X         0         0         0         %1	
43 M41 X 0 0 %1	
<u> </u>	
44 M41 Z -13.032 -13.032 0 %1	
45 M42 X 0 0 0 %1	
46 M42 Z -17.698 -17.698 0 %1	
47 M44 X 0 0 0 %1	
48 M44 Z -18.641 -18.641 0 %1	
49 M49 X 0 0 0 %1	
50 M49 Z -8.302 -8.302 0 %1	
51 M50A X 0 0 %1	
52 M50A Z -2.178 -2.178 0 %1	
53 M51C X 0 0 %1	
54 M51C Z -2.178 -2.178 0 %1	
55 M52A X 0 0 %1	00
56 M52A Z -4.344 -4.344 0 %1	00 00
57 M55 X 0 0 0 %1	00 00 00

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

Sep		Member Label	Direction		.End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft.%]
60         MS6         Z         -1,809         -1,809         0         %100           62         M60         Z         -13,032         -13,032         0         %100           63         M61         X         0         0         0         0         %100           64         M61         Z         -17,698         -17,698         0         %100           65         M63         X         0         0         0         %100           66         M63         Z         -18,641         -18,641         0         %100           67         M65         X         0         0         0         %100           68         M65         Z         -13,032         -0         %100           69         M66         X         0         0         0         %100           70         M68         Z         -4,424         -4,424         0         %100           71         M68         Z         -4,466         -4,66         0         %100           71         M68         Z         -4,66         -4,66         0         %100           73         M73         X	58	M55		-7.236	-7.236	0	%100
61         M60         X         0         0         %100           62         M60         Z         -13,032         -13,032         0         %100           63         M61         X         0         0         0         %100           64         M61         X         0         0         0         %100           65         M63         X         0         0         0         %100           66         M63         X         0         0         0         %100           67         M65         X         0         0         0         %100           68         M66         X         0         0         0         %100           69         M66         X         0         0         0         %100           71         M88         X         0         0         0         %100           71         M88         X         0         0         0         %100           72         M88         X         0         0         0         %100           73         M73         X         0         0         0         %100 <td></td> <td></td> <td>X</td> <td></td> <td></td> <td></td> <td></td>			X				
622         M60         Z         -13.032         -13.032         0         %100           64         M61         Z         -17.698         -17.698         0         %100           65         M63         X         0         0         0         %100           66         M63         Z         -18.641         -18.641         0         %100           67         M65         X         0         0         0         %100           68         M65         X         0         0         0         %100           69         M66         X         0         0         0         %100           70         M68         Z         -4.424         -4.424         0         %100           71         M68         Z         -4.66         -4.66         0         %100           71         M68         Z         -4.66         -4.66         0         %100           72         M7         M68         Z         -4.66         -4.66         0         %100           73         M73         X         0         0         0         %100           75         M74							
63         M61         X         0         0         %100           64         M61         Z         -17,698         0         0         %100           65         M63         X         0         0         0         %100           67         M65         X         0         0         0         %100           68         M65         X         0         0         0         %100           69         M66         X         0         0         0         %100           70         M66         X         0         0         0         %100           70         M66         X         0         0         0         %100           70         M66         Z         -4.424         -4.424         0         %100           71         M68         Z         -4.66         -4.66         0         %100           72         M68         Z         -4.66         -4.66         0         %100           73         M73         X         0         0         0         %100           74         M73         Z         -10.36         -10.136         0 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>							
64         M61         Z         -17,698         -17,698         0         %100           66         M63         X         0         0         0         %100           67         M65         X         0         0         0         %100           68         M65         Z         -13,032         -13,032         0         %100           69         M66         X         0         0         0         %100           70         M66         X         0         0         0         %100           71         M68         X         0         0         0         %100           71         M68         X         0         0         0         %100           72         M88         X         0         0         0         %100           73         M73         X         0         0         0         %100           74         M73         X         0         0         0         %100           75         M74         X         0         0         0         %100           75         M75         X         0         0         0 <td></td> <td></td> <td></td> <td>-13.032</td> <td></td> <td></td> <td></td>				-13.032			
666         M63         X         0         0         %100           67         M65         X         0         0         0         %100           68         M65         X         0         0         0         %100           69         M66         X         0         0         0         %100           70         M66         X         0         0         0         %100           71         M68         X         0         0         0         %100           72         M68         Z         -4.424         -4.424         0         %100           72         M68         Z         -4.66         -4.66         0         %100           73         M73         X         0         0         0         %100           73         M73         X         0         0         0         %100           74         M73         Z         -10.136         -10.136         0         %100           75         M74         X         0         0         0         %100         %100           77         M75         X         0         0	63	M61				0	
66         M63         Z         -18.641         -0         %100           67         M65         X         0         0         0         %100           68         M65         Z         -13.032         -13.032         0         %100           70         M66         X         0         0         0         %100           70         M66         Z         -4.424         -4.424         0         %100           71         M68         X         0         0         0         %100           72         M68         Z         -4.66         -0         %100           73         M73         X         0         0         0         %100           74         M73         X         0         0         0         %100           75         M74         X         0         0         0         %100           75         M74         X         0         0         0         %100           75         M74         X         0         0         0         %100           77         M75         X         0         0         0         %100				-17.698	-17.698		
67         M65         X         0         0         0         %100           68         M66         X         0         0         0         %100           69         M66         X         0         0         0         %100           70         M66         Z         -4.424         -4.424         0         %100           71         M68         X         0         0         0         %100           72         M68         Z         -4.66         -4.66         0         %100           73         M73         X         0         0         0         %100           74         M73         Z         -10.136         -10.136         0         %100           76         M74         X         0         0         0         %100           76         M74         Z         -2.534         -2.534         0         %100           78         M75         X         0         0         0         %100           79         MP1A         X         0         0         0         %100           80         MP1A         Z         -6.878         -			X			0	
68         M65         Z         -13,032         -13,032         0         %100           70         M66         X         0         0         0         %100           71         M68         X         0         0         0         %100           72         M68         Z         -4,66         -4,66         0         %100           73         M73         X         0         0         0         %100           74         M73         X         0         0         0         %100           75         M74         X         0         0         0         %100           75         M74         X         0         0         0         %100           76         M74         X         0         0         0         %100           77         M75         X         0         0         0         %100           78         M75         X         0         0         0         %100           80         MP1A         X         0         0         0         %100           81         MP2A         X         0         0         0				-18.641	-18.641		
69         M66         X         0         0         0         %100           70         M66         Z         -4.424         -4.424         0         %1100           71         M68         X         0         0         0         %1100           72         M68         Z         -4.66         -4.66         0         %100           73         M73         X         0         0         0         %100           74         M73         Z         -10.136         0         %100           75         M74         X         0         0         0         %100           76         M74         Z         -2.534         -2.534         0         %100           76         M74         Z         -2.534         -2.534         0         %100           78         M75         Z         -2.534         -2.534         0         %100           80         MP1A         X         0         0         0         %100           81         MP2A         X         0         0         0         %100           82         MP2A         Z         -8.326         -8.						0	
To   M66	68	M65	Z	-13.032	-13.032	0	%100
71         M88         X         0         0         0         %100           72         M68         Z         -4.66         -0         %100           73         M73         X         0         0         0         %100           74         M73         Z         -10.136         -10.136         0         %100           75         M74         X         0         0         0         %100           76         M74         X         0         0         0         %100           76         M74         Z         -2.534         -2.534         0         %100           78         M75         Z         -2.534         -2.534         0         %100           79         MP1A         X         0         0         0         %100           80         MP1A         Z         -6.878         -6.878         0         %100           81         MP2A         X         0         0         0         %100           82         MP2A         X         0         0         0         %100           83         MP3A         X         0         0	69	M66				0	%100
72         M88         Z         -4.66         -4.66         0         %100           73         M73         X         0         0         0         %100           74         M73         Z         -10.136         -10.136         0         %100           75         M74         X         0         0         0         %100           76         M74         X         0         0         0         %100           77         M75         X         0         0         0         %100           78         M75         X         0         0         0         %100           79         MP1A         X         0         0         0         %100           80         MP1A         Z         -6.878         -6.878         0         %100           82         MP2A         X         0         0         0         %100           82         MP2A         Z         -8.326         -8.326         0         %100           84         MP3A         Z         -6.878         -6.878         0         %100           85         MP4A         X         0	70			-4.424	-4.424	0	%100
73         M73         X         0         0         % 100           74         M73         Z         -10.136         -10.136         0         % 100           75         M74         X         0         0         0         % 100           76         M74         Z         -2.534         -2.534         0         % 100           77         M75         X         0         0         0         % 100           78         M75         Z         -2.534         -2.534         0         % 100           79         MP1A         X         0         0         0         % 100           80         MP1A         Z         -6.878         -6.878         0         % 100           81         MP2A         Z         -6.878         -6.878         0         % 100           81         MP2A         Z         -8.326         0         % 100         % 100           83         MP3A         X         0         0         0         % 100         % 100           85         MP4A         X         0         0         0         % 100         % 100         % 100         % 100		M68			•	0	%100
74         M73         Z         -10,136         -10,136         0         %100           76         M74         X         0         0         0         %100           76         M74         Z         -2,534         -2,534         0         %100           77         M75         X         0         0         0         %100           78         M75         X         0         0         0         %100           79         MP1A         X         0         0         0         %100           80         MP1A         X         0         0         0         %100           81         MP2A         X         0         0         0         %100           82         MP2A         X         0         0         0         %100           84         MP3A         X         0         0         0         %100           84         MP3A         X         0         0         0         %100           86         MP4A         Z         -6.878         -6.878         0         %100           87         M85A         X         0         0	72	M68	Z	-4.66	-4.66	0	
75         M74         X         0         0         %100           76         M74         Z         -2.534         -2.534         0         %100           77         M75         X         0         0         0         %100           78         M75         Z         -2.534         -2.534         0         %100           80         MP1A         X         0         0         0         %100           80         MP1A         Z         -6.878         -6.878         0         %100           81         MP2A         X         0         0         0         %100           81         MP2A         X         0         0         0         %100           82         MP2A         Z         -8.326         0         %100         %100           83         MP3A         X         0         0         0         %100         %100           84         MP3A         X         0         0         0         %100         %100         %100         %100         %100         %100         %100         %100         %100         %100         %100         %100         %100	73	M73	X	0	0	0	%100
76         M74         Z         -2.534         -2.534         0         %100           77         M75         X         0         0         0         %100           78         M75         Z         -2.534         -2.534         0         %100           79         MP1A         X         0         0         0         %100           80         MP1A         X         0         0         0         %100           81         MP2A         X         0         0         0         %100           81         MP2A         X         0         0         0         %100           82         MP2A         Z         -8.326         -8.326         0         %100           83         MP3A         X         0         0         0         %100           84         MP3A         Z         -6.878         -6.878         0         %100           86         MP4A         X         0         0         0         %100           87         M85A         X         0         0         0         %100           89         MP1C         X         0 <t< td=""><td>74</td><td>M73</td><td></td><td>-10.136</td><td>-10.136</td><td>0</td><td>%100</td></t<>	74	M73		-10.136	-10.136	0	%100
77         M75         X         0         0         % 100           78         M75         Z         -2.534         -2.534         0         % 100           80         MP1A         X         0         0         0         % 100           80         MP1A         Z         -6.878         -6.878         0         % 100           81         MP2A         X         0         0         0         % 100           82         MP2A         Z         -8.326         -8.326         0         % 100           83         MP3A         X         0         0         0         % 100           84         MP3A         X         0         0         0         % 100           85         MP4A         X         0         0         0         % 100           86         MP4A         Z         -6.878         -6.878         0         % 100           88         M85A         Z         -5.624         -5.624         0         % 100           89         MP1C         X         0         0         0         % 100           90         MP1C         Z         -6.878	75	M74	X			0	%100
78         M75         Z         -2.534         -2.534         0         %100           79         MP1A         X         0         0         0         %100           80         MP1A         Z         -6.878         -6.878         0         %100           81         MP2A         X         0         0         0         %100           82         MP2A         Z         -8.326         -8.326         0         %100           83         MP3A         X         0         0         0         %100           84         MP3A         Z         -6.878         -6.878         0         %100           85         MP4A         X         0         0         0         %100           86         MP4A         Z         -6.878         -6.878         0         %100           87         M85A         X         0         0         0         %100           88         M85A         Z         -5.624         -5.624         0         %100           89         MP1C         X         0         0         0         %100           91         MP2C         X	76	M74		-2.534	-2.534	0	%100
Type	77	M75	X	0	0	0	%100
80         MP1A         Z         -6.878         -6.878         0         %100           81         MP2A         X         0         0         0         %100           82         MP2A         Z         -8.326         0         %100           83         MP3A         X         0         0         0         %100           84         MP3A         Z         -6.878         -6.878         0         %100           85         MP4A         X         0         0         0         %100           86         MP4A         X         0         0         0         %100           86         MP4A         Z         -6.878         -6.878         0         %100           88         M85A         Z         -5.624         -5.624         0         %100           89         MP1C         X         0         0         0         %100           91         MP2C         X         0         0         0         %100           92         MP2C         Z         -8.326         -8.326         0         %100           93         MP3C         X         0 <td< td=""><td>78</td><td>M75</td><td>Z</td><td>-2.534</td><td>-2.534</td><td>0</td><td>%100</td></td<>	78	M75	Z	-2.534	-2.534	0	%100
81         MP2A         X         0         0         %100           82         MP2A         Z         -8,326         -8,326         0         %1100           83         MP3A         X         0         0         0         %100           84         MP3A         Z         -6,878         -6,878         0         %100           85         MP4A         X         0         0         0         %100           86         MP4A         Z         -6,878         -6,878         0         %100           87         M85A         X         0         0         0         %100           88         M85A         Z         -5,624         -5,624         0         %100           89         MP1C         X         0         0         0         %100           90         MP1C         X         0         0         0         %100           91         MP2C         X         0         0         0         %100           92         MP2C         Z         -8,326         -8,326         0         %100           94         MP3C         X         0         0 </td <td>79</td> <td>MP1A</td> <td>X</td> <td>0</td> <td>0</td> <td>0</td> <td>%100</td>	79	MP1A	X	0	0	0	%100
82         MP2A         Z         -8.326         -8.326         0         %100           83         MP3A         X         0         0         0         %100           84         MP3A         Z         -6.878         0         %100           85         MP4A         X         0         0         0         %100           86         MP4A         Z         -6.878         -6.878         0         %100           87         M85A         X         0         0         0         %100           88         M85A         X         0         0         0         %100           89         MP1C         X         0         0         0         %100           89         MP1C         X         0         0         0         %100           90         MP1C         X         0         0         0         %100           91         MP2C         X         0         0         0         %100           92         MP2C         Z         -8.326         -8.326         0         %100           93         MP3C         X         0         0	80	MP1A	Z	-6.878	-6.878	0	%100
83         MP3A         X         0         0         %100           84         MP3A         Z         -6.878         -6.878         0         %100           85         MP4A         X         0         0         0         %100           86         MP4A         Z         -6.878         -6.878         0         %100           87         M85A         X         0         0         0         %100           89         MP1C         X         0         0         0         %100           89         MP1C         X         0         0         0         %100           90         MP1C         Z         -6.878         -6.878         0         %100           91         MP2C         X         0         0         0         %100           92         MP2C         Z         -8.326         -8.326         0         %100           93         MP3C         X         0         0         0         %100           94         MP3C         X         0         0         0         %100           95         MP4C         X         0         0	81	MP2A	X	0	0	0	%100
84         MP3A         Z         -6.878         -6.878         0         %100           85         MP4A         X         0         0         0         %100           86         MP4A         Z         -6.878         -6.878         0         %100           87         M85A         X         0         0         0         %100           88         M85A         Z         -5.624         -5.624         0         %100           89         MP1C         X         0         0         0         %100           90         MP1C         Z         -6.878         -6.878         0         %100           90         MP1C         Z         -6.878         -6.878         0         %100           91         MP2C         X         0         0         0         %100           92         MP2C         Z         -8.326         -8.326         0         %100           93         MP3C         X         0         0         0         %100           94         MP3C         Z         -6.878         -6.878         0         %100           95         MP4C         X </td <td>82</td> <td>MP2A</td> <td></td> <td>-8.326</td> <td>-8.326</td> <td>0</td> <td>%100</td>	82	MP2A		-8.326	-8.326	0	%100
84         MP3A         Z         -6.878         -6.878         0         %100           85         MP4A         X         0         0         0         %100           86         MP4A         Z         -6.878         -6.878         0         %100           87         M85A         X         0         0         0         %100           88         M85A         Z         -5.624         -5.624         0         %100           89         MP1C         X         0         0         0         %100           90         MP1C         Z         -6.878         -6.878         0         %100           90         MP1C         Z         -6.878         -6.878         0         %100           91         MP2C         X         0         0         0         %100           92         MP2C         Z         -8.326         -8.326         0         %100           93         MP3C         X         0         0         0         %100           95         MP4C         X         0         0         0         %100           97         MP1B         X	83	MP3A	X	0	0	0	%100
86         MP4A         Z         -6.878         -6.878         0         %100           87         M85A         X         0         0         0         %100           88         M85A         Z         -5.624         -5.624         0         %100           89         MP1C         X         0         0         0         %100           90         MP1C         Z         -6.878         -6.878         0         %100           91         MP2C         X         0         0         0         %100           91         MP2C         X         0         0         0         %100           92         MP2C         Z         -8.326         0         %100           93         MP3C         X         0         0         0         %100           94         MP3C         Z         -6.878         -6.878         0         %100           95         MP4C         X         0         0         0         %100           96         MP4C         Z         -6.878         -6.878         0         %100           97         MP1B         X         0 <td< td=""><td>84</td><td>MP3A</td><td>Z</td><td>-6.878</td><td>-6.878</td><td>0</td><td></td></td<>	84	MP3A	Z	-6.878	-6.878	0	
86         MP4A         Z         -6.878         -6.878         0         %100           87         M85A         X         0         0         0         %100           88         M85A         Z         -5.624         -5.624         0         %100           89         MP1C         X         0         0         0         %100           90         MP1C         Z         -6.878         -6.878         0         %100           91         MP2C         X         0         0         0         %100           91         MP2C         X         0         0         0         %100           92         MP2C         Z         -8.326         0         %100           93         MP3C         X         0         0         0         %100           94         MP3C         Z         -6.878         -6.878         0         %100           95         MP4C         X         0         0         0         %100           96         MP4C         Z         -6.878         -6.878         0         %100           97         MP1B         X         0 <td< td=""><td>85</td><td>MP4A</td><td>Х</td><td>0</td><td>0</td><td>0</td><td>%100</td></td<>	85	MP4A	Х	0	0	0	%100
87         M85A         X         0         0         %100           88         M85A         Z         -5.624         -5.624         0         %100           89         MP1C         X         0         0         0         %100           90         MP1C         Z         -6.878         -6.878         0         %100           91         MP2C         X         0         0         0         %100           91         MP2C         Z         -6.878         -6.878         0         %100           92         MP2C         Z         -6.878         -6.878         0         %100           94         MP3C         Z         -6.878         -6.878         0         %100           95         MP4C         X         0         0         0         %100           96         MP4C         Z         -6.878         -6.878         0         %100           98         MP1B         X         0         0         0         %100           99         MP2B         X         0         0         0         %100           100         MP2B         Z         -8.326	86	MP4A	Z	-6.878	-6.878	0	%100
89         MP1C         X         0         0         %100           90         MP1C         Z         -6.878         -6.878         0         %100           91         MP2C         X         0         0         0         %100           92         MP2C         Z         -8.326         -8.326         0         %100           93         MP3C         X         0         0         0         %100           94         MP3C         Z         -6.878         -6.878         0         %100           95         MP4C         X         0         0         0         %100           95         MP4C         X         0         0         0         %100           97         MP1B         X         0         0         0         %100           97         MP1B         X         0         0         0         %100           98         MP1B         Z         -6.878         -6.878         0         %100           99         MP2B         X         0         0         0         %100           100         MP2B         Z         -8.326         -8.326 </td <td>87</td> <td>M85A</td> <td>X</td> <td>0</td> <td>0</td> <td>0</td> <td>%100</td>	87	M85A	X	0	0	0	%100
90         MP1C         Z         -6.878         -6.878         0         %100           91         MP2C         X         0         0         0         %100           92         MP2C         Z         -8.326         -8.326         0         %100           93         MP3C         X         0         0         0         %100           94         MP3C         Z         -6.878         -6.878         0         %100           95         MP4C         X         0         0         0         %100           96         MP4C         Z         -6.878         -6.878         0         %100           97         MP1B         X         0         0         0         %100           98         MP1B         Z         -6.878         -6.878         0         %100           99         MP2B         X         0         0         0         %100           100         MP2B         Z         -8.326         -8.326         0         %100           101         MP3B         X         0         0         0         %100           102         MP3B         Z	88	M85A	Z	-5.624	-5.624	0	%100
90         MP1C         Z         -6.878         -6.878         0         %100           91         MP2C         X         0         0         0         %100           92         MP2C         Z         -8.326         -8.326         0         %100           93         MP3C         X         0         0         0         %100           94         MP3C         Z         -6.878         -6.878         0         %100           95         MP4C         X         0         0         0         %100           96         MP4C         Z         -6.878         -6.878         0         %100           97         MP1B         X         0         0         0         %100           98         MP1B         Z         -6.878         -6.878         0         %100           99         MP2B         X         0         0         0         %100           100         MP2B         Z         -8.326         -8.326         0         %100           101         MP3B         X         0         0         0         %100           102         MP3B         Z	89	MP1C	Х	0	0	0	
92         MP2C         Z         -8.326         -8.326         0         %100           93         MP3C         X         0         0         0         %100           94         MP3C         Z         -6.878         -6.878         0         %100           95         MP4C         X         0         0         0         %100           96         MP4C         Z         -6.878         -6.878         0         %100           97         MP1B         X         0         0         0         %100           98         MP1B         Z         -6.878         -6.878         0         %100           99         MP2B         X         0         0         0         %100           100         MP2B         X         0         0         0         %100           101         MP3B         X         0         0         0         %100           102         MP3B         X         0         0         0         %100           103         MP4B         X         0         0         0         %100           105         M102         X         0	90	MP1C	Z	-6.878	-6.878	0	%100
92         MP2C         Z         -8.326         -8.326         0         %100           93         MP3C         X         0         0         0         %100           94         MP3C         Z         -6.878         -6.878         0         %100           95         MP4C         X         0         0         0         %100           96         MP4C         Z         -6.878         -6.878         0         %100           97         MP1B         X         0         0         0         %100           98         MP1B         Z         -6.878         -6.878         0         %100           99         MP2B         X         0         0         0         %100           100         MP2B         X         0         0         0         %100           101         MP3B         X         0         0         0         %100           102         MP3B         X         0         0         0         %100           103         MP4B         X         0         0         0         %100           105         M102         X         0	91	MP2C	X	0	0	0	%100
94         MP3C         Z         -6.878         -6.878         0         %100           95         MP4C         X         0         0         0         %100           96         MP4C         Z         -6.878         -6.878         0         %100           97         MP1B         X         0         0         0         %100           98         MP1B         Z         -6.878         -6.878         0         %100           99         MP2B         X         0         0         0         %100           100         MP2B         Z         -8.326         -8.326         0         %100           101         MP3B         X         0         0         0         %100           102         MP3B         X         0         0         0         %100           103         MP4B         X         0         0         0         %100           104         MP4B         X         0         0         0         %100           105         M102         X         0         0         0         %100           106         M102         Z         -2.082<	92			-8.326	-8.326	0	
94         MP3C         Z         -6.878         -6.878         0         %100           95         MP4C         X         0         0         0         %100           96         MP4C         Z         -6.878         -6.878         0         %100           97         MP1B         X         0         0         0         %100           98         MP1B         Z         -6.878         -6.878         0         %100           99         MP2B         X         0         0         0         %100           100         MP2B         Z         -8.326         -8.326         0         %100           101         MP3B         X         0         0         0         %100           102         MP3B         X         0         0         0         %100           103         MP4B         X         0         0         0         %100           104         MP4B         X         0         0         0         %100           105         M102         X         0         0         0         %100           106         M102         Z         -2.082<	93	MP3C	X	0	0	0	%100
96         MP4C         Z         -6.878         -6.878         0         %100           97         MP1B         X         0         0         0         %100           98         MP1B         Z         -6.878         -6.878         0         %100           99         MP2B         X         0         0         0         %100           100         MP2B         Z         -8.326         -8.326         0         %100           101         MP3B         X         0         0         0         %100           102         MP3B         X         0         0         0         %100           103         MP4B         X         0         0         0         %100           103         MP4B         X         0         0         0         %100           104         MP4B         Z         -6.878         -6.878         0         %100           105         M102         X         0         0         0         %100           105         M102         X         0         0         0         %100           106         M102         Z         -2.08	94	MP3C	Z	-6.878	-6.878	0	
96         MP4C         Z         -6.878         -6.878         0         %100           97         MP1B         X         0         0         0         %100           98         MP1B         Z         -6.878         -6.878         0         %100           99         MP2B         X         0         0         0         %100           100         MP2B         Z         -8.326         -8.326         0         %100           101         MP3B         X         0         0         0         %100           102         MP3B         X         0         0         0         %100           103         MP4B         X         0         0         0         %100           103         MP4B         X         0         0         0         %100           104         MP4B         Z         -6.878         -6.878         0         %100           105         M102         X         0         0         0         %100           105         M102         X         0         0         0         %100           106         M102         Z         -2.08	95	MP4C	X	0	0	0	%100
98         MP1B         Z         -6.878         -6.878         0         %100           99         MP2B         X         0         0         0         %100           100         MP2B         Z         -8.326         -8.326         0         %100           101         MP3B         X         0         0         0         %100           102         MP3B         Z         -6.878         -6.878         0         %100           103         MP4B         X         0         0         0         %100           104         MP4B         X         0         0         0         %100           105         M102         X         0         0         0         %100           106         M102         X         0         0         0         %100           107         M108         X         0         0         0         %100           108         M108         X         0         0         0         %100           109         M114         X         0         0         0         %100           110         M125         X         0	96	MP4C		-6.878	-6.878	0	%100
98         MP1B         Z         -6.878         -6.878         0         %100           99         MP2B         X         0         0         0         %100           100         MP2B         Z         -8.326         -8.326         0         %100           101         MP3B         X         0         0         0         %100           102         MP3B         Z         -6.878         -6.878         0         %100           103         MP4B         X         0         0         0         %100           104         MP4B         X         0         0         0         %100           105         M102         X         0         0         0         %100           106         M102         X         0         0         0         %100           107         M108         X         0         0         0         %100           108         M108         X         0         0         0         %100           109         M114         X         0         0         0         %100           110         M125         X         0			Х			0	
99         MP2B         X         0         0         %100           100         MP2B         Z         -8.326         -8.326         0         %100           101         MP3B         X         0         0         0         %100           102         MP3B         Z         -6.878         -6.878         0         %100           103         MP4B         X         0         0         0         %100           104         MP4B         Z         -6.878         -6.878         0         %100           105         M102         X         0         0         0         %100           105         M102         X         0         0         %100           106         M102         Z         -2.082         -2.082         0         %100           107         M108         X         0         0         0         %100           108         M108         Z         -8.326         -8.326         0         %100           109         M114         X         0         0         0         %100           110         M125         X         0         0				-6.878	-6.878	0	
100         MP2B         Z         -8.326         -8.326         0         %100           101         MP3B         X         0         0         0         %100           102         MP3B         Z         -6.878         -6.878         0         %100           103         MP4B         X         0         0         0         %100           104         MP4B         Z         -6.878         -6.878         0         %100           105         M102         X         0         0         0         %100           105         M102         X         0         0         %100           106         M102         Z         -2.082         -2.082         0         %100           107         M108         X         0         0         0         %100           108         M108         Z         -8.326         -8.326         0         %100           109         M114         X         0         0         0         %100           110         M114         Z         -2.082         -2.082         0         %100           111         M125         X						0	%100
101         MP3B         X         0         0         %100           102         MP3B         Z         -6.878         -6.878         0         %100           103         MP4B         X         0         0         0         %100           104         MP4B         Z         -6.878         -6.878         0         %100           105         M102         X         0         0         0         %100           106         M102         Z         -2.082         -2.082         0         %100           107         M108         X         0         0         0         %100           108         M108         Z         -8.326         0         %100           109         M114         X         0         0         %100           110         M114         Z         -2.082         -2.082         0         %100           111         M125         X         0         0         %100           113         M126         X         0         0         %100				-8.326	-8.326		
102         MP3B         Z         -6.878         -6.878         0         %100           103         MP4B         X         0         0         0         %100           104         MP4B         Z         -6.878         -6.878         0         %100           105         M102         X         0         0         0         %100           106         M102         Z         -2.082         -2.082         0         %100           107         M108         X         0         0         0         %100           108         M108         Z         -8.326         -8.326         0         %100           109         M114         X         0         0         0         %100           110         M114         Z         -2.082         -2.082         0         %100           111         M125         X         0         0         0         %100           113         M126         X         0         0         0         %100			X				
103         MP4B         X         0         0         %100           104         MP4B         Z         -6.878         -6.878         0         %100           105         M102         X         0         0         0         %100           106         M102         Z         -2.082         -2.082         0         %100           107         M108         X         0         0         0         %100           108         M108         Z         -8.326         -8.326         0         %100           109         M114         X         0         0         0         %100           110         M114         Z         -2.082         -2.082         0         %100           111         M125         X         0         0         0         %100           112         M125         Z         -2.728         -2.728         0         %100           113         M126         X         0         0         0         %100			Z	-6.878	-6.878		%100
104         MP4B         Z         -6.878         -6.878         0         %100           105         M102         X         0         0         0         %100           106         M102         Z         -2.082         -2.082         0         %100           107         M108         X         0         0         0         %100           108         M108         Z         -8.326         -8.326         0         %100           109         M114         X         0         0         0         %100           110         M114         Z         -2.082         -2.082         0         %100           111         M125         X         0         0         0         %100           112         M125         Z         -2.728         -2.728         0         %100           113         M126         X         0         0         0         %100						0	
105         M102         X         0         0         %100           106         M102         Z         -2.082         -2.082         0         %100           107         M108         X         0         0         0         %100           108         M108         Z         -8.326         -8.326         0         %100           109         M114         X         0         0         0         %100           110         M114         Z         -2.082         -2.082         0         %100           111         M125         X         0         0         0         %100           112         M125         Z         -2.728         -2.728         0         %100           113         M126         X         0         0         0         %100	104		Z	-6.878	-6.878	0	
106       M102       Z       -2.082       -2.082       0       %100         107       M108       X       0       0       0       %100         108       M108       Z       -8.326       0       %100         109       M114       X       0       0       0       %100         110       M114       Z       -2.082       -2.082       0       %100         111       M125       X       0       0       0       %100         112       M125       Z       -2.728       -2.728       0       %100         113       M126       X       0       0       0       %100	105		X			0	%100
107         M108         X         0         0         %100           108         M108         Z         -8.326         0         %100           109         M114         X         0         0         0         %100           110         M114         Z         -2.082         -2.082         0         %100           111         M125         X         0         0         0         %100           112         M125         Z         -2.728         -2.728         0         %100           113         M126         X         0         0         0         %100			Z	-2.082	-2.082		
108         M108         Z         -8.326         -8.326         0         %100           109         M114         X         0         0         0         %100           110         M114         Z         -2.082         -2.082         0         %100           111         M125         X         0         0         0         %100           112         M125         Z         -2.728         -2.728         0         %100           113         M126         X         0         0         0         %100			Х				
109         M114         X         0         0         0         %100           110         M114         Z         -2.082         -2.082         0         %100           111         M125         X         0         0         0         %100           112         M125         Z         -2.728         -2.728         0         %100           113         M126         X         0         0         0         %100			Z	-8.326	-8.326		
110     M114     Z     -2.082     -2.082     0     %100       111     M125     X     0     0     0     %100       112     M125     Z     -2.728     -2.728     0     %100       113     M126     X     0     0     0     %100							
111     M125     X     0     0     %100       112     M125     Z     -2.728     -2.728     0     %100       113     M126     X     0     0     0     %100							
112         M125         Z         -2.728         -2.728         0         %100           113         M126         X         0         0         0         %100							
113 M126 X 0 0 %100							
114 M126 Z -2.728 -2.728 0 %100	114	M126	Z	-2.728	-2.728		%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,%]
115	M127	X	0	0	0	%100
116	M127	Z	-10.912	-10.912	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
1	M4	X	1.384	1.384	0	%100
2	M4	Ζ	-2.397	-2.397	0	%100
3	M10	X	3.267	3.267	0	%100
4	M10	Ζ	-5.658	-5.658	0	%100
5	M43	X	3.267	3.267	0	%100
6	M43	Z	-5.658	-5.658	0	%100
7	M46	X	6.516	6.516	0	%100
8	M46	Ž	-11.286	-11.286	0	%100
9	M51B	X	2.714	2.714	0	%100 %100
10	M51B	Z	-4.7	-4.7	0	%100 %100
11	M52B	X	0	0	0	%100 %100
12	M52B	Z	0	0	0	%100 %100
13	M76	X	2.172	2.172	0	%100 %100
14	M76	Z	-3.762	-3.762	0	%100 %100
15	M77		6.637	6.637		%100 %100
		X			0	
16	M77	Z	-11.495	-11.495	0	%100 %100
17	M80	X	6.99	6.99	0	%100
18	M80	Z	-12.107	-12.107	0	%100
19	M84	X	2.172	2.172	0	%100
20	M84	Z	-3.762	-3.762	0	%100
21	M85	X	0	0	0	%100
22	M85	Z	0	0	0	%100
23	M91	X	0	0	0	%100
24	M91	Z	0	0	0	%100
25	M25	X	1.384	1.384	0	%100
26	M25	Z	-2.397	-2.397	0	%100
27	M26	X	3.267	3.267	0	%100
28	M26	Ζ	-5.658	-5.658	0	%100
29	M27	X	3.267	3.267	0	%100
30	M27	Ζ	-5.658	-5.658	0	%100
31	M28	X	6.516	6.516	0	%100
32	M28	Z	-11.286	-11.286	0	%100
33	M31	X	0	0	0	%100
34	M31	Z	0	0	0	%100
35	M32	X	2.714	2.714	0	%100
36	M32	Z	-4.7	-4.7	0	%100
37	M36	X	2.172	2.172	0	%100
38	M36	Z	-3.762	-3.762	0	%100
39	M37	X	0	0	0	%100 %100
40	M37	Z	0	0	0	%100 %100
41	M39	X	0	0	0	%100 %100
42	M39	Z	0	0	0	%100 %100
43	M41	X	2.172	2.172	0	%100 %100
44	M41	Z	-3.762	-3.762	0	%100 %100
45	M42	X	6.637	6.637	0	%100 %100
46	M42	Z	-11.495	-11.495	0	%100 %100
47	M44	X	6.99			%100 %100
		Z		6.99 -12.107	0	
48	M44		-12.107			%100 %100
49	M49	X	5.535	5.535	0	%100 %100
50	M49	Z	-9.586	-9.586	0	%100
51	M50A	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft	.End Magnitude[lb/ft,F		End Location[ft,%]
52	M50A	Z	0	0	0	%100
53	M51C	X	0	0	0	%100
54	M51C	Z	0	0	0	%100
55	M52A	X	0	0	0	%100
56	M52A	Z	0	0	0	%100
57	M55	X	2.714	2.714	0	%100
58	M55	Z	-4.7	-4.7	0	%100
59	M56	X	2.714	2.714	0	%100
60	M56	Z	-4.7	-4.7	0	%100
61	M60	X	8.688	8.688	0	%100
62	M60	Z	-15.048	-15.048	0	%100
63	M61	X	6.637	6.637	0	%100
64	M61	Z	-11.495	-11.495	0	%100
65	M63	X	6.99	6.99	0	%100
66	M63	Z	-12.107	-12.107	0	%100
67	M65	X	8.688	8.688	0	%100
68	M65	Z	-15.048	-15.048	0	%100
69	M66	X	6.637	6.637	0	%100
70	M66	Z	-11.495	-11.495	0	%100
71	M68	X	6.99	6.99	0	%100
72	M68	Z	-12.107	-12.107	0	%100
73	M73	X	3.801	3.801	0	%100
74	M73	Z	-6.584	-6.584	0	%100 %400
75	M74	X Z	3.801	3.801	0	%100 %100
76	M74 M75		-6.584	-6.584	0	%100 %100
77		X Z	0	0	0	%100 %100
78 79	M75 MP1A		3.439	3.439	0	%100 %100
80	MP1A	X Z	-5.957	-5.957	0	%100 %100
81	MP2A	X	4.163	4.163	0	%100 %100
82	MP2A	Ž	-7.211	-7.211	0	%100 %100
83	MP3A	X	3.439	3.439	0	%100 %100
84	MP3A	Z	-5.957	-5.957	0	%100 %100
85	MP4A	X	3.439	3.439	0	%100 %100
86	MP4A	Z	-5.957	-5.957	0	%100 %100
87	M85A	X	2.812	2.812	0	%100
88	M85A	Z	-4.871	-4.871	0	%100 %100
89	MP1C	X	3.439	3.439	0	%100
90	MP1C	Z	-5.957	-5.957	0	%100
91	MP2C	X	4.163	4.163	0	%100
92	MP2C	Z	-7.211	-7.211	0	%100
93	MP3C	X	3.439	3.439	0	%100
94	MP3C	Z	-5.957	-5.957	0	%100
95	MP4C	X	3.439	3.439	0	%100
96	MP4C	Z	-5.957	-5.957	0	%100
97	MP1B	X	3.439	3.439	0	%100
98	MP1B	Z	-5.957	-5.957	0	%100
99	MP2B	X	4.163	4.163	0	%100
100	MP2B	Z	-7.211	-7.211	0	%100
101	MP3B	X	3.439	3.439	0	%100
102	MP3B	Z	-5.957	-5.957	0	%100
103	MP4B	X	3.439	3.439	0	%100
104	MP4B	Z	-5.957	-5.957	0	%100
105	M102	X	0	0	0	%100
106	M102	Z	0	0	0	%100
107	M108	X	3.122	3.122	0	%100
108	M108	Z	-5.408	-5.408	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.%]
109	M114	X	3.122	3.122	0	%100
110	M114	Z	-5.408	-5.408	0	%100
111	M125	X	4.092	4.092	0	%100
112	M125	Z	-7.087	-7.087	0	%100
113	M126	X	0	0	0	%100
114	M126	Z	0	0	0	%100
115	M127	X	4.092	4.092	0	%100
116	M127	Z	-7.087	-7.087	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	M4	X	7.19	7.19	0	%100
2	M4	Z	-4.151	-4.151	0	%100
3	M10	X	1.886	1.886	0	%100
4	M10	Z	-1.089	-1.089	0	%100
5	M43	Х	1.886	1.886	0	%100
6	M43	Z	-1.089	-1.089	0	%100
7	M46	X	3.762	3.762	0	%100
8	M46	Z	-2.172	-2.172	0	%100
9	M51B	X	6.267	6.267	0	%100
10	M51B	Z	-3.618	-3.618	0	%100
11	M52B	X	1.567	1.567	0	%100
12	M52B	Z	905	905	0	%100
13	M76	X	11.286	11.286	0	%100
14	M76	Ž	-6.516	-6.516	0	%100
15	M77	X	15.327	15.327	0	%100
16	M77	7	-8.849	-8.849	0	%100 %100
17	M80	X	16.143	16.143	0	%100 %100
18	M80	Z	-9.32	-9.32	0	%100 %100
19	M84	X	11.286	11.286	0	%100 %100
20	M84	Z	-6.516	-6.516	0	%100 %100
21	M85	X	3.832	3.832	0	%100 %100
22	M85	Ž	-2.212	-2.212	0	%100 %100
23	M91	X	4.036	4.036	0	%100 %100
24	M91	Ž	-2.33	-2.33	0	%100 %100
25	M25	X	0	0	0	%100 %100
26	M25	Ž	0	0	0	%100 %100
27	M26	X	7.544	7.544	0	%100 %100
28	M26	Ž	-4.356	-4.356	0	%100 %100
29	M27	X	7.544	7.544	0	%100 %100
30	M27	Ž	-4.356	-4.356	0	%100 %100
31	M28	X	15.048	15.048	0	%100 %100
32	M28	Ž	-8.688	-8.688	0	%100 %100
33	M31	X	1.567	1.567	0	%100 %100
34	M31	Ž	905	905	0	%100 %100
35	M32	X	1.567	1.567	0	%100 %100
36	M32	Ž	905	905	0	%100 %100
37	M36	X	905	905	0	%100 %100
38	M36	Z	0	0	0	%100 %100
39	M37	X	3.832	3.832	0	%100 %100
40	M37	Z	-2.212	-2.212	0	%100 %100
41	M39	X Z	4.036	4.036	0	%100 %400
	M39		-2.33	-2.33	0	%100 %100
43	M41	X	0	0	0	%100 %100
44	M41	Z	0	0	0	%100
45	M42	X	3.832	3.832	0	%100

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

	Member Label	Direction		End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft.%]
46	M42	Z	-2.212	-2.212	0	%100
47	M44	X	4.036	4.036	0	%100
48	M44	Z	-2.33	-2.33	0	%100
49	M49	X	7.19	7.19	0	%100
50	M49	Z	-4.151	-4.151	0	%100
51	M50A	X	1.886	1.886	0	%100
52	M50A	Z	-1.089	-1.089	0	%100
53	M51C	X	1.886	1.886	0	%100
54	M51C	Z	-1.089	-1.089	0	%100
55	M52A	X	3.762	3.762	0	%100
56	M52A	Z	-2.172	-2.172	0	%100
57	M55	X	1.567	1.567	0	%100
58	M55	Z	905	905	0	%100
59	M56	X	6.267	6.267	0	%100
60	M56	Z	-3.618	-3.618	0	%100
61	M60	X	11.286	11.286	0	%100
62	M60	Z	-6.516	-6.516	0	%100
63	M61	X	3.832	3.832	0	%100
64	M61	Z	-2.212	-2.212	0	%100
65	M63	X	4.036	4.036	0	%100
66	M63	Z	-2.33	-2.33	0	%100
67	M65	X	11.286	11.286	0	%100
68	M65	Z	-6.516	-6.516	0	%100
69	M66	X	15.327	15.327	0	%100
70	M66	Z	-8.849	-8.849	0	%100
71	M68	X	16.143	16.143	0	%100
72	M68	Z	-9.32	-9.32	0	%100
73	M73	X	2.195	2.195	0	%100
74	M73	Z	-1.267	-1.267	0	%100
75	M74	X	8.778	8.778	0	%100
76	M74	Z	-5.068	-5.068	0	%100
77	M75	X	2.195	2.195	0	%100
78	M75	Z	-1.267	-1.267	0	%100
79	MP1A	X	5.957	5.957	0	%100
80	MP1A	Z	-3.439	-3.439	0	%100
81	MP2A	X	7.211	7.211	0	%100
82	MP2A	Z	-4.163	-4.163	0	%100
83	MP3A	X	5.957	5.957	0	%100
84	MP3A	Z	-3.439	-3.439	0	%100
85	MP4A	X	5.957	5.957	0	%100
86	MP4A	Z	-3.439	-3.439	0	%100
87	M85A	X	4.871	4.871	0	%100
88	M85A	Z	-2.812	-2.812	0	%100
89	MP1C	X	5.957	5.957	0	%100
90	MP1C	Z	-3.439	-3.439	0	%100
91	MP2C	X	7.211	7.211	0	%100
92	MP2C	Z	-4.163	-4.163	0	%100
93	MP3C	X	5.957	5.957	0	%100
94	MP3C	Z	-3.439	-3.439	0	%100
95	MP4C	X	5.957	5.957	0	%100
96	MP4C	Z	-3.439	-3.439	0	%100
97	MP1B	X	5.957	5.957	0	%100
98	MP1B	Z	-3.439	-3.439	0	%100
99	MP2B	X	7.211	7.211	0	%100
100	MP2B	Z	-4.163	-4.163	0	%100
101	MP3B	X	5.957	5.957	0	%100
102	MP3B	Z	-3.439	-3.439	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,%]
103	MP4B	X	5.957	5.957	0	%100
104	MP4B	Z	-3.439	-3.439	0	%100
105	M102	X	1.803	1.803	0	%100
106	M102	Z	-1.041	-1.041	0	%100
107	M108	X	1.803	1.803	0	%100
108	M108	Z	-1.041	-1.041	0	%100
109	M114	X	7.211	7.211	0	%100
110	M114	Z	-4.163	-4.163	0	%100
111	M125	X	9.45	9.45	0	%100
112	M125	Z	-5.456	-5.456	0	%100
113	M126	X	2.362	2.362	0	%100
114	M126	Z	-1.364	-1.364	0	%100
115	M127	X	2.362	2.362	0	%100
116	M127	Z	-1.364	-1.364	0	%100

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

	Member Label	Direction		End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
1	M4	X	11.07	11.07	0	%100
2	M4	Z	0	0	0	%100
3	M10	X	0	0	0	%100
4	M10	Z	0	0	0	%100
5	M43	X	0	0	0	%100
6	M43	Z	0	0	0	%100
7	M46	X	0	0	0	%100
8	M46	Z	0	0	0	%100
9	M51B	X	5.427	5.427	0	%100
10	M51B	Z	0	0	0	%100
11	M52B	X	5.427	5.427	0	%100
12	M52B	Z	0	0	0	%100
13	M76	X	17.376	17.376	0	%100
14	M76	Ζ	0	0	0	%100
15	M77	X	13.273	13.273	0	%100
16	M77	Z	0	0	0	%100
17	M80	Х	13.981	13.981	0	%100
18	M80	Z	0	0	0	%100
19	M84	X	17.376	17.376	0	%100
20	M84	Z	0	0	0	%100
21	M85	Х	13.273	13.273	0	%100
22	M85	Z	0	0	0	%100
23	M91	X	13.981	13.981	0	%100
24	M91	Z	0	0	0	%100
25	M25	X	2.767	2.767	0	%100
26	M25	Z	0	0	0	%100
27	M26	X	6.534	6.534	0	%100
28	M26	Z	0	0	0	%100
29	M27	Х	6.534	6.534	0	%100
30	M27	Z	0	0	0	%100
31	M28	X	13.032	13.032	0	%100
32	M28	Z	0	0	0	%100
33	M31	X	5.427	5.427	0	%100
34	M31	Z	0	0	0	%100
35	M32	X	0	0	0	%100
36	M32	Z	0	0	0	%100
37	M36	X	4.344	4.344	0	%100
38	M36	Ž	0	0	0	%100
39	M37	X	13.273	13.273	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,	.End Magnitude[lb/ft.F	Start Location[ft,%]	End Location[ft.%]
40	M37	Z	0	0	0	%100
41	M39	X	13.981	13.981	0	%100
42	M39	Z	0	0	0	%100
43	M41	X	4.344	4.344	0	%100
44	M41	Z	0	0	0	%100
45	M42	X	0	0	0	%100
46	M42	Z	0	0	0	%100
47	M44	X	0	0	0	%100
48	M44	Z	0	0	0	%100
49	M49	X	2.767	2.767	0	%100
50	M49	Z	0	0	0	%100
51	M50A	X	6.534	6.534	0	%100
52	M50A	Z	0	0	0	%100
53	M51C	X	6.534	6.534	0	%100
54	M51C	Z	0	0	0	%100
55	M52A	X	13.032	13.032	0	%100
56	M52A	Z	0	0	0	%100
57	M55	X	0	0	0	%100
58	M55	Z	0	0	0	%100
59	M56	X	5.427	5.427	0	%100
60	M56	Ζ	0	0	0	%100
61	M60	X	4.344	4.344	0	%100
62	M60	Ζ	0	0	0	%100
63	M61	X	0	0	0	%100
64	M61	Z	0	0	0	%100
65	M63	X	0	0	0	%100
66	M63	Z	0	0	0	%100
67	M65	Χ	4.344	4.344	0	%100
68	M65	Z	0	0	0	%100
69	M66	X	13.273	13.273	0	%100
70	M66	Ζ	0	0	0	%100
71	M68	X	13.981	13.981	0	%100
72	M68	Z	0	0	0	%100
73	M73	X	0	0	0	%100
74	M73	Z	0	0	0	%100
75	M74	X	7.602	7.602	0	%100
76	M74	Z	0	0	0	%100
77	M75	X	7.602	7.602	0	%100
78	M75	Z	0	0	0	%100
<b>7</b> 9	MP1A	X	6.878	6.878	0	%100
80	MP1A	Z	0	0	0	%100
81	MP2A	X	8.326	8.326	0	%100
82	MP2A	Ζ	0	0	0	%100
83	MP3A	X	6.878	6.878	0	%100
84	MP3A	Z	0	0	0	%100
85	MP4A	X	6.878	6.878	0	%100
86	MP4A	Ζ	0	0	0	%100
87	M85A	X	5.624	5.624	0	%100
88	M85A	Z	0	0	0	%100
89	MP1C	X	6.878	6.878	0	%100
90	MP1C	Z	0	0	0	%100
91	MP2C	X	8.326	8.326	0	%100
92	MP2C	Z	0	0	0	%100
93	MP3C	X	6.878	6.878	0	%100
94	MP3C	Z	0	0	0	%100
95	MP4C	X	6.878	6.878	0	%100
96	MP4C	Z	0	0	0	%100
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## 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,%]
97	MP1B	X	6.878	6.878	0	%100
98	MP1B	Z	0	0	0	%100
99	MP2B	X	8.326	8.326	0	%100
100	MP2B	Z	0	0	0	%100
101	MP3B	X	6.878	6.878	0	%100
102	MP3B	Z	0	0	0	%100
103	MP4B	X	6.878	6.878	0	%100
104	MP4B	Z	0	0	0	%100
105	M102	X	6.245	6.245	0	%100
106	M102	Ζ	0	0	0	%100
107	M108	X	0	0	0	%100
108	M108	Ζ	0	0	0	%100
109	M114	X	6.245	6.245	0	%100
110	M114	Ζ	0	0	0	%100
111	M125	X	8.184	8.184	0	%100
112	M125	Ζ	0	0	0	%100
113	M126	X	8.184	8.184	0	%100
114	M126	Ζ	0	0	0	%100
115	M127	X	0	0	0	%100
116	M127	Ζ	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	M4	X	7.19	7.19	0	%100
2	M4	Z	4.151	4.151	0	%100
3	M10	X	1.886	1.886	0	%100
4	M10	Ζ	1.089	1.089	0	%100
5	M43	X	1.886	1.886	0	%100
6	M43	Ζ	1.089	1.089	0	%100
7	M46	X	3.762	3.762	0	%100
8	M46	Ζ	2.172	2.172	0	%100
9	M51B	X	1.567	1.567	0	%100
10	M51B	Ζ	.905	.905	0	%100
11	M52B	X	6.267	6.267	0	%100
12	M52B	Ζ	3.618	3.618	0	%100
13	M76	X	11.286	11.286	0	%100
14	M76	Z	6.516	6.516	0	%100
15	M77	X	3.832	3.832	0	%100
16	M77	Ζ	2.212	2.212	0	%100
17	M80	X	4.036	4.036	0	%100
18	M80	Ζ	2.33	2.33	0	%100
19	M84	X	11.286	11.286	0	%100
20	M84	Ζ	6.516	6.516	0	%100
21	M85	X	15.327	15.327	0	%100
22	M85	Ζ	8.849	8.849	0	%100
23	M91	X	16.143	16.143	0	%100
24	M91	Ζ	9.32	9.32	0	%100
25	M25	X	7.19	7.19	0	%100
26	M25	Ζ	4.151	4.151	0	%100
27	M26	X	1.886	1.886	0	%100
28	M26	Ζ	1.089	1.089	0	%100
29	M27	Χ	1.886	1.886	0	%100
30	M27	Ζ	1.089	1.089	0	%100
31	M28	X	3.762	3.762	0	%100
32	M28	Z	2.172	2.172	0	%100
33	M31	X	6.267	6.267	0	%100

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

	Member Label	Direction	Start Magnitude[lh/ft	.End Magnitude[lb/ft,F	Start Location[ft %]	End Location[ft,%]
34	M31	Z	3.618	3.618	0	%100
35	M32	X	1.567	1.567	0	%100
36	M32	Ž	.905	.905	0	%100
37	M36	X	11.286	11.286	0	%100
38	M36	Z	6.516	6.516	0	%100
39	M37	X	15.327	15.327	0	%100
40	M37	Z	8.849	8.849	0	%100
41	M39	X	16.143	16.143	0	%100
42	M39	Z	9.32	9.32	0	%100
43	M41	Х	11.286	11.286	0	%100
44	M41	Z	6.516	6.516	0	%100
45	M42	X	3.832	3.832	0	%100
46	M42	Ζ	2.212	2.212	0	%100
47	M44	X	4.036	4.036	0	%100
48	M44	Ζ	2.33	2.33	0	%100
49	M49	X	0	0	0	%100
50	M49	Z	0	0	0	%100
51	M50A	X	7.544	7.544	0	%100
52	M50A	Z	4.356	4.356	0	%100
53	M51C	X	7.544	7.544	0	%100
54	M51C	Z	4.356	4.356	0	%100
55	M52A	X	15.048	15.048	0	%100
56	M52A	Z	8.688	8.688	0	%100
57	M55	X	1.567	1.567	0	%100
58	M55	Z	.905	.905	0	%100
59	M56	X	1.567	1.567	0	%100
60	M56	Z	.905	.905	0	%100
61	M60	X	0	0	0	%100
62	M60	Z	0	0	0	%100
63	M61	X	3.832	3.832	0	%100
64	M61	Z	2.212	2.212	0	%100
65	M63	X	4.036	4.036	0	%100
66	M63	Z	2.33	2.33	0	%100
67	M65	X	0	0	0	%100 %400
68	M65	Z	0 3.832	0	0	%100 %100
69	M66	X Z	2.212	3.832	0	%100 %100
70 71	M66 M68	X	4.036	2.212 4.036	0	%100 %100
72	M68	Z	2.33	2.33	0	%100 %100
73	M73	X	2.195	2.195	0	%100 %100
74	M73	Z	1.267	1.267	0	%100 %100
75	M74	X	2.195	2.195	0	%100 %100
76	M74	Z	1.267	1.267	0	%100 %100
77	M75	X	8.778	8.778	0	%100 %100
78	M75	Z	5.068	5.068	0	%100 %100
79	MP1A	X	5.957	5.957	0	%100
80	MP1A	Z	3.439	3.439	0	%100
81	MP2A	X	7.211	7.211	0	%100
82	MP2A	Z	4.163	4.163	0	%100
83	MP3A	X	5.957	5.957	0	%100
84	MP3A	Ζ	3.439	3.439	0	%100
85	MP4A	X	5.957	5.957	0	%100
86	MP4A	Z	3.439	3.439	0	%100
87	M85A	X	4.871	4.871	0	%100
88	M85A	Ζ	2.812	2.812	0	%100
89	MP1C	X	5.957	5.957	0	%100
90	MP1C	Z	3.439	3.439	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,%]
91	MP2C	X	7.211	7.211	0	%100
92	MP2C	Z	4.163	4.163	0	%100
93	MP3C	X	5.957	5.957	0	%100
94	MP3C	Z	3.439	3.439	0	%100
95	MP4C	X	5.957	5.957	0	%100
96	MP4C	Z	3.439	3.439	0	%100
97	MP1B	X	5.957	5.957	0	%100
98	MP1B	Z	3.439	3.439	0	%100
99	MP2B	X	7.211	7.211	0	%100
100	MP2B	Z	4.163	4.163	0	%100
101	MP3B	X	5.957	5.957	0	%100
102	MP3B	Z	3.439	3.439	0	%100
103	MP4B	X	5.957	5.957	0	%100
104	MP4B	Z	3.439	3.439	0	%100
105	M102	X	7.211	7.211	0	%100
106	M102	Z	4.163	4.163	0	%100
107	M108	X	1.803	1.803	0	%100
108	M108	Z	1.041	1.041	0	%100
109	M114	X	1.803	1.803	0	%100
110	M114	Z	1.041	1.041	0	%100
111	M125	X	2.362	2.362	0	%100
112	M125	Z	1.364	1.364	0	%100
113	M126	X	9.45	9.45	0	%100
114	M126	Z	5.456	5.456	0	%100
115	M127	X	2.362	2.362	0	%100
116	M127	Z	1.364	1.364	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	M4	X	1.384	1.384	0	%100
2	M4	Z	2.397	2.397	0	%100
3	M10	X	3.267	3.267	0	%100
4	M10	Ζ	5.658	5.658	0	%100
5	M43	X	3.267	3.267	0	%100
6	M43	Z	5.658	5.658	0	%100
7	M46	X	6.516	6.516	0	%100
8	M46	Ζ	11.286	11.286	0	%100
9	M51B	X	0	0	0	%100
10	M51B	Ζ	0	0	0	%100
11	M52B	X	2.714	2.714	0	%100
12	M52B	Ζ	4.7	4.7	0	%100
13	M76	X	2.172	2.172	0	%100
14	M76	Ζ	3.762	3.762	0	%100
15	M77	X	0	0	0	%100
16	M77	Ζ	0	0	0	%100
17	M80	X	0	0	0	%100
18	M80	Ζ	0	0	0	%100
19	M84	X	2.172	2.172	0	%100
20	M84	Z	3.762	3.762	0	%100
21	M85	X	6.637	6.637	0	%100
22	M85	Ζ	11.495	11.495	0	%100
23	M91	X	6.99	6.99	0	%100
24	M91	Ζ	12.107	12.107	0	%100
25	M25	X	5.535	5.535	0	%100
26	M25	Z	9.586	9.586	0	%100
27	M26	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,	.End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
28	M26	Z	0	0	0	%100
29	M27	X	0	0	0	%100
30	M27	Z	0	0	0	%100
31	M28	X	0	0	0	%100
32	M28	Z	0	0	0	%100
33	M31	X	2.714	2.714	0	%100
34	M31	Z	4.7	4.7	0	%100
35	M32	X	2.714	2.714	0	%100
36	M32	Z	4.7	4.7	0	%100
37	M36	X	8.688	8.688	0	%100
38	M36	Z	15.048	15.048	0	%100
39	M37	X	6.637	6.637	0	%100
40	M37	Z	11.495	11.495	0	%100
41	M39	X	6.99	6.99	0	%100
42	M39	Z	12.107	12.107	0	%100
43	M41	X	8.688	8.688	0	%100
44	M41	Z	15.048	15.048	0	%100
45	M42	X	6.637	6.637	0	%100
46	M42	Z	11.495	11.495	0	%100
47	M44	X	6.99	6.99	0	%100
48	M44	Z	12.107	12.107	0	%100
49	M49	X	1.384	1.384	0	%100
50	M49	Z	2.397	2.397	0	%100
51	M50A	X	3.267	3.267	0	%100
52	M50A	Z	5.658	5.658	0	%100
53	M51C	X	3.267	3.267	0	%100
54	M51C	Z	5.658	5.658	0	%100
55	M52A	X	6.516	6.516	0	%100
56	M52A	Z	11.286	11.286	0	%100
57	M55	X	2.714	2.714	0	%100
58	M55	Z	4.7	4.7	0	%100
59	M56	X	0	0	0	%100
60	M56	Z	0	0	0	%100
61	M60	X	2.172	2.172	0	%100
62	M60	Z	3.762	3.762	0	%100
63	<u>M61</u>	X	6.637	6.637	0	%100
64	<u>M61</u>	Z	11.495	11.495	0	%100
65	M63	X	6.99	6.99	0	%100
66	<u>M63</u>	Z	12.107	12.107	0	%100
67	M65	X	2.172	2.172	0	%100
68	M65	Z	3.762	3.762	0	%100
69	M66	X	0	0	0	%100
70	M66	Z	0	0	0	%100
71	M68	X	0	0	0	%100
72	M68	Z	0	0	0	%100
73	M73	X	3.801	3.801	0	%100
74	<u>M73</u>	Z	6.584	6.584	0	%100
75	M74	X	0	0	0	%100
76	M74	Z	0	0	0	%100 %100
77	M75	X	3.801	3.801	0	%100 %100
78	M75	Z	6.584	6.584	0	%100 %400
79	MP1A	X	3.439	3.439	0	%100 %100
80	MP1A	Z	5.957	5.957	0	%100 %400
81	MP2A	X	4.163	4.163	0	%100 %100
82	MP2A	Z	7.211	7.211	0	%100 %100
83	MP3A	X	3.439	3.439	0	%100 %100
84	MP3A	Z	5.957	5.957	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft,	.End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft.%]
85	MP4A	X	3.439	3.439	0	%100
86	MP4A	Z	5.957	5.957	0	%100
87	M85A	X	2.812	2.812	0	%100
88	M85A	Z	4.871	4.871	0	%100
89	MP1C	X	3.439	3.439	0	%100
90	MP1C	Ζ	5.957	5.957	0	%100
91	MP2C	X	4.163	4.163	0	%100
92	MP2C	Ζ	7.211	7.211	0	%100
93	MP3C	X	3.439	3.439	0	%100
94	MP3C	Ζ	5.957	5.957	0	%100
95	MP4C	X	3.439	3.439	0	%100
96	MP4C	Ζ	5.957	5.957	0	%100
97	MP1B	X	3.439	3.439	0	%100
98	MP1B	Ζ	5.957	5.957	0	%100
99	MP2B	X	4.163	4.163	0	%100
100	MP2B	Ζ	7.211	7.211	0	%100
101	MP3B	Χ	3.439	3.439	0	%100
102	MP3B	Ζ	5.957	5.957	0	%100
103	MP4B	Χ	3.439	3.439	0	%100
104	MP4B	Ζ	5.957	5.957	0	%100
105	M102	X	3.122	3.122	0	%100
106	M102	Ζ	5.408	5.408	0	%100
107	M108	X	3.122	3.122	0	%100
108	M108	Ζ	5.408	5.408	0	%100
109	M114	X	0	0	0	%100
110	M114	Z	0	0	0	%100
111	M125	Х	0	0	0	%100
112	M125	Z	0	0	0	%100
113	M126	X	4.092	4.092	0	%100
114	M126	Z	7.087	7.087	0	%100
115	M127	X	4.092	4.092	0	%100
116	M127	Ζ	7.087	7.087	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude[lb/ft,F.,	Start Location[ft,%]	End Location[ft,%]
1	M4	X	0	0	0	%100
2	M4	Z	0	0	0	%100
3	M10	X	0	0	0	%100
4	M10	Z	8.711	8.711	0	%100
5	M43	X	0	0	0	%100
6	M43	Z	8.711	8.711	0	%100
7	M46	X	0	0	0	%100
8	M46	Z	17.376	17.376	0	%100
9	M51B	X	0	0	0	%100
10	M51B	Z	1.809	1.809	0	%100
11	M52B	X	0	0	0	%100
12	M52B	Z	1.809	1.809	0	%100
13	M76	X	0	0	0	%100
14	M76	Z	0	0	0	%100
15	M77	X	0	0	0	%100
16	M77	Z	4.424	4.424	0	%100
17	M80	X	0	0	0	%100
18	M80	Z	4.66	4.66	0	%100
19	M84	X	0	0	0	%100
20	M84	Z	0	0	0	%100
21	M85	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,%]
22	M85	Z	4.424	4.424	0	%100
23	M91	X	0	0	0	%100
24	M91	Z	4.66	4.66	0	%100
25	M25	X	0	0	0	%100
26	M25	Z	8.302	8.302	0	%100
27	M26	X	0	0	0	%100
28	M26	Z	2.178	2.178	0	%100
29	M27	X	0	0	0	%100
30	M27	Z	2.178	2.178	0	%100
31	M28	X	0	0	0	%100
32	M28	Z	4.344	4.344	0	%100
33	M31	X	0	0	0	%100
34	M31	Z	1.809	1.809	0	%100
35	M32	X	0	0	0	%100
36	M32	Z	7.236	7.236	0	%100
37	M36	X	0	0	0	%100
38	M36	Z	13.032	13.032	0	%100
39	M37	X	0	0	0	%100
40	M37	Z	4.424	4.424	0	%100
41	M39	X	0	0	0	%100
42	M39	Z	4.66	4.66	0	%100
43	M41	X	0	0	0	%100
44	M41	Z	13.032	13.032	0	%100
45	M42	X	0	0	0	%100
46	M42	Z	17.698	17.698	0	%100
47	M44	X	0	0	0	%100
48	M44	Z	18.641	18.641	0	%100
49	M49	X	0	0	0	%100
50	M49	Z	8.302	8.302	0	%100
51	M50A	X	0	0	0	%100
52	M50A	Z	2.178	2.178	0	%100
53	M51C	X	0	0	0	%100
54	M51C	Z	2.178	2.178	0	%100
55	M52A	X	0	0	0	%100
56	M52A	Z	4.344	4.344	0	%100
57	M55	X	0	0	0	%100
58	M55	Z	7.236	7.236	0	%100
59	M56	X	0	0	0	%100
60	M56	Z	1.809	1.809	0	%100 %400
61	M60	X	0	0	0	%100 %100
62	M60	Z	13.032	13.032	0	%100 %100
63	M61	X	17.609	0	0	%100 %100
64 65	M61	Z	17.698	17.698	0	%100 %100
66	M63 M63	X Z	0 18.641	0 18.641	0	%100 %100
67	M65	X	0	0	0	%100 %100
68	M65	Z	13.032	13.032	0	%100 %100
69	M66	X	13.032	0	0	%100 %100
70	M66	Z	4.424	4.424	0	%100 %100
71	M68	X	0	0	0	%100 %100
72	M68	Ž	4.66	4.66	0	%100 %100
73	M73	X	0	0	0	%100 %100
74	M73	Z	10.136	10.136	0	%100 %100
75	M74	X	0	0	0	%100 %100
76	M74	Z	2.534	2.534	0	%100 %100
77	M75	X	0	0	0	%100 %100
78	M75	Z	2.534	2.534	0	%100 %100
70	IVITO		2.004	2.004	U	/0100

## 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,%]
79	MP1A	X	0	0	0	%100
80	MP1A	Z	6.878	6.878	0	%100
81	MP2A	X	0	0	0	%100
82	MP2A	Z	8.326	8.326	0	%100
83	MP3A	X	0	0	0	%100
84	MP3A	Z	6.878	6.878	0	%100
85	MP4A	X	0	0	0	%100
86	MP4A	Z	6.878	6.878	0	%100
87	M85A	X	0	0	0	%100
88	M85A	Z	5.624	5.624	0	%100
89	MP1C	X	0	0	0	%100
90	MP1C	Z	6.878	6.878	0	%100
91	MP2C	X	0	0	0	%100
92	MP2C	Z	8.326	8.326	0	%100
93	MP3C	X	0	0	0	%100
94	MP3C	Z	6.878	6.878	0	%100
95	MP4C	X	0	0	0	%100
96	MP4C	Z	6.878	6.878	0	%100
97	MP1B	X	0	0	0	%100
98	MP1B	Z	6.878	6.878	0	%100
99	MP2B	X	0	0	0	%100
100	MP2B	Z	8.326	8.326	0	%100
101	MP3B	X	0	0	0	%100
102	MP3B	Z	6.878	6.878	0	%100
103	MP4B	X	0	0	0	%100
104	MP4B	Z	6.878	6.878	0	%100
105	M102	X	0	0	0	%100
106	M102	Z	2.082	2.082	0	%100
107	M108	X	0	0	0	%100
108	M108	Z	8.326	8.326	0	%100
109	M114	X	0	0	0	%100
110	M114	Z	2.082	2.082	0	%100
111	M125	X	0	0	0	%100
112	M125	Z	2.728	2.728	0	%100
113	M126	X	0	0	0	%100
114	M126	Z	2.728	2.728	0	%100
115	M127	X	0	0	0	%100
116	M127	Z	10.912	10.912	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	M4	X	-1.384	-1.384	0	%100
2	M4	Z	2.397	2.397	0	%100
3	M10	X	-3.267	-3.267	0	%100
4	M10	Z	5.658	5.658	0	%100
5	M43	X	-3.267	-3.267	0	%100
6	M43	Ζ	5.658	5.658	0	%100
7	M46	X	-6.516	-6.516	0	%100
8	M46	Z	11.286	11.286	0	%100
9	M51B	X	-2.714	-2.714	0	%100
10	M51B	Ζ	4.7	4.7	0	%100
11	M52B	X	0	0	0	%100
12	M52B	Ζ	0	0	0	%100
13	M76	X	-2.172	-2.172	0	%100
14	M76	Z	3.762	3.762	0	%100
15	M77	X	-6.637	-6.637	0	%100

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

	Member Label	Direction		End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft.%]
16	M77	Z	11.495	11.495	0	%100
17	M80	X	-6.99	-6.99	0	%100
18	M80	Z	12.107	12.107	0	%100
19	M84	X	-2.172	-2.172	0	%100
20	M84	Z	3.762	3.762	0	%100
21	M85	X	0	0	0	%100
22	M85	Z	0	0	0	%100
23	M91	X	0	0	0	%100
24	M91	Z	0	0	0	%100
25	M25	X	-1.384	-1.384	0	%100
26	M25	Z	2.397	2.397	0	%100
27	M26	X	-3.267	-3.267	0	%100
28	M26	Z	5.658	5.658	0	%100
29	M27	X	-3.267	-3.267	0	%100
30	M27	Z	5.658	5.658	0	%100 %400
31	M28	X	<u>-6.516</u>	-6.516	0	%100 %100
32	M28	Z	11.286	11.286	0	%100 %100
33	M31 M31	X Z	0	0	0	%100 %100
35	M32	X	-2.714	-2.714	0	%100 %100
36	M32	Z	4.7	4.7	0	%100 %100
37	M36	X	-2.172	-2.172	0	%100 %100
38	M36	Z	3.762	3.762	0	%100 %100
39	M37	X	0	0	0	%100 %100
40	M37	Z	0	0	0	%100 %100
41	M39	X	0	0	0	%100 %100
42	M39	Z	0	0	0	%100 %100
43	M41	X	-2.172	-2.172	0	%100 %100
44	M41	Z	3.762	3.762	0	%100 %100
45	M42	X	-6.637	-6.637	0	%100
46	M42	Z	11.495	11.495	0	%100
47	M44	X	-6.99	-6.99	0	%100
48	M44	Ž	12.107	12.107	0	%100
49	M49	X	-5.535	-5.535	0	%100
50	M49	Z	9.586	9.586	0	%100
51	M50A	X	0	0	0	%100
52	M50A	Z	0	0	0	%100
53	M51C	X	0	0	0	%100
54	M51C	Z	0	0	0	%100
55	M52A	X	0	0	0	%100
56	M52A	Z	0	0	0	%100
57	M55	X	-2.714	-2.714	0	%100
58	M55	Z	4.7	4.7	0	%100
59	M56	X	-2.714	-2.714	0	%100
60	M56	Z	4.7	4.7	0	%100
61	M60	X	-8.688	-8.688	0	%100
62	M60	Z	15.048	15.048	0	%100 %100
63	M61	X	-6.637	-6.637	0	%100 %100
64	M61	Z	11.495	11.495	0	%100 %100
65	M63	X Z	-6.99	-6.99	0	%100 %100
66	M63		12.107	12.107	0	%100 %100
67 68	M65 M65	X Z	-8.688 15.048	-8.688 15.048	0	%100 %100
69	M66	X	-6.637	-6.637	0	%100 %100
70	M66	Z	11.495	11.495	0	%100 %100
71	M68	X	-6.99	-6.99	0	%100 %100
72	M68	Z	12.107	12.107	0	%100 %100
12	IVIOO		12.107	12.107	U	76 100



## 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,%]
73	M73	X	-3.801	-3.801	0	%100
74	M73	Z	6.584	6.584	0	%100
75	M74	X	-3.801	-3.801	0	%100
76	M74	Z	6.584	6.584	0	%100
77	M75	X	0	0	0	%100
78	M75	Z	0	0	0	%100
79	MP1A	Х	-3.439	-3.439	0	%100
80	MP1A	Z	5.957	5.957	0	%100
81	MP2A	X	-4.163	-4.163	0	%100
82	MP2A	Z	7.211	7.211	0	%100
83	MP3A	X	-3.439	-3.439	0	%100
84	MP3A	Z	5.957	5.957	0	%100
85	MP4A	X	-3.439	-3.439	0	%100
86	MP4A	Z	5.957	5.957	0	%100
87	M85A	X	-2.812	-2.812	0	%100
88	M85A	Z	4.871	4.871	0	%100
89	MP1C	X	-3.439	-3.439	0	%100
90	MP1C	Z	5.957	5.957	0	%100
91	MP2C	X	-4.163	-4.163	0	%100
92	MP2C	Z	7.211	7.211	0	%100
93	MP3C	X	-3.439	-3.439	0	%100
94	MP3C	Z	5.957	5.957	0	%100
95	MP4C	X	-3.439	-3.439	0	%100
96	MP4C	Z	5.957	5.957	0	%100
97	MP1B	X	-3.439	-3.439	0	%100
98	MP1B	Z	5.957	5.957	0	%100
99	MP2B	X	-4.163	-4.163	0	%100
100	MP2B	Z	7.211	7.211	0	%100
101	MP3B	X	-3.439	-3.439	0	%100
102	MP3B	Z	5.957	5.957	0	%100
103	MP4B	X	-3.439	-3.439	0	%100
104	MP4B	Z	5.957	5.957	0	%100
105	M102	X	0	0	0	%100
106	M102	Z	0	0	0	%100
107	M108	X	-3.122	-3.122	0	%100
108	M108	Ž	5.408	5.408	0	%100
109	M114	X	-3.122	-3.122	0	%100
110	M114	Ž	5.408	5.408	0	%100
111	M125	X	-4.092	-4.092	0	%100
112	M125	Z	7.087	7.087	0	%100
113	M126	X	0	0	0	%100
114	M126	Z	0	0	0	%100
115	M127	X	-4.092	-4.092	0	%100
116		Z	7.087	7.087	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,	.End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
1	M4	X	-7.19	-7.19	0	%100
2	M4	Ζ	4.151	4.151	0	%100
3	M10	X	-1.886	-1.886	0	%100
4	M10	Ζ	1.089	1.089	0	%100
5	M43	X	-1.886	-1.886	0	%100
6	M43	Ζ	1.089	1.089	0	%100
7	M46	X	-3.762	-3.762	0	%100
8	M46	Z	2.172	2.172	0	%100
9	M51B	X	-6.267	-6.267	0	%100

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

11		Member Label	Direction		.End Magnitude[lb/ft.F	Start Location[ft,%]	End Location[ft.%]
12	10	M51B		3.618	3.618		%100
13			X			0	
14							
15							
16							
17					-15.327	0	
18							
19			X			0	
20							
21						0	
22	20	M84	Z		6.516	0	%100
23         M91         X         -4.036         -4.036         0         %100           24         M91         Z         2.33         2.33         0         %100           25         M25         X         0         0         0         %100           26         M25         Z         0         0         0         %100           27         M26         X         -7.544         -7.544         0         %100           28         M26         Z         4.356         4.356         0         %100           29         M27         X         -7.544         -7.544         0         %100           30         M27         Z         4.356         4.356         0         %100           31         M28         X         -15.048         -15.048         0         %100           31         M28         X         -15.048         -15.048         0         %100           32         M28         Z         8.688         8.688         0         %100           33         M31         X         -1.567         -1.567         0         %100           34         M31	21	M85	X	-3.832	-3.832	0	%100
24         M91         Z         2.33         2.33         0         %100           26         M25         Z         0         0         0         %100           27         M26         X         -7.544         -7.544         0         %100           28         M26         Z         4.356         4.356         0         %100           29         M27         X         -7.544         -7.544         0         %100           30         M27         Z         4.356         4.356         0         %100           31         M28         X         -15.048         -15.048         0         %100           31         M28         Z         8.688         8.688         0         %100           32         M28         Z         8.688         8.688         0         %100           34         M31         Z         .905         .905         0         %100           34         M31         Z         .905         .905         0         %100           36         M32         X         -1.567         0         %100           36         M32         X <td< td=""><td>22</td><td>M85</td><td></td><td>2.212</td><td>2.212</td><td>0</td><td>%100</td></td<>	22	M85		2.212	2.212	0	%100
25         M25         X         0         0         0         %100           26         M25         Z         0         0         %100           27         M26         X         -7.544         -7.544         0         %100           28         M26         Z         4.356         4.356         0         %100           30         M27         X         -7.544         -7.544         0         %100           30         M27         Z         4.356         4.356         0         %100           31         M28         X         -15.048         -15.048         0         %100           32         M28         Z         8.688         8.688         0         %100           33         M31         X         -1.567         -1.567         0         %100           34         M31         X         -1.567         -1.567         0         %100           35         M32         X         -1.567         -1.567         0         %100           35         M32         X         -1.567         -1.567         0         %100           37         M36         X	23	M91		-4.036	-4.036	0	%100
26         M25         Z         0         0         96,100           27         M26         X         -7.544         -7.544         0         %100           28         M26         Z         4.356         4.356         0         %100           30         M27         X         -7.544         -7.544         0         %100           31         M28         X         -15.048         -15.048         0         %100           31         M28         X         -15.048         -15.048         0         %100           32         M28         Z         8.688         8.688         0         %100           34         M31         X         -1.567         -1.567         0         %100           34         M31         Z         .905         .905         0         %100           36         M32         X         -1.567         -1.567         0         %100           36         M32         Z         .905         .905         0         %100           37         M36         X         0         0         0         %100           38         M36         Z	24	M91	Z	2.33	2.33	0	%100
27         M26         X         -7.544         -7.545         0         %100           28         M26         Z         4.356         4.356         0         %100           29         M27         X         -7.544         -7.544         0         %100           30         M27         Z         4.356         4.356         0         %100           31         M28         X         -15.048         -15.048         0         %100           32         M28         Z         8.688         8.688         0         %100           33         M31         X         -1.567         -1.567         0         %100           34         M31         Z         -905         905         0         %100           35         M32         X         -1.567         -1.567         0         %100           36         M32         X         -1.567         -1.567         0         %100           37         M36         X         0         0         0         %100           38         M36         Z         0         0         0         %100           40         M37	25	M25	X	0	0	0	%100
28         M26         Z         4.356         4.356         0         %100           30         M27         X         -7.544         -7.544         0         %100           31         M28         X         -15.048         -15.048         0         %100           32         M28         Z         8.688         8.688         0         %100           33         M31         X         -1.567         -1.567         0         %100           34         M31         Z         .905         .905         0         %100           34         M31         Z         .905         .905         0         %100           36         M32         X         -1.567         0         %100           36         M32         Z         .905         905         0         %100           38         M36         X         0         0         0         %100           39         M37         X         -3.832         -3.832         0         %100           40         M37         Z         2.212         2.212         2.212         0         %100           42         M39	26	M25		0	0	0	%100
29         M27         X         -7.544         -7.544         0         %100           30         M27         Z         4.356         4.356         0         %100           31         M28         X         -15.048         -15.048         0         %100           32         M28         Z         8.688         8.688         0         %100           33         M31         X         -1.567         -1.567         0         %100           34         M31         Z         .905         .905         0         %100           35         M32         X         -1.567         -1.567         0         %100           36         M32         X         -1.567         -1.567         0         %100           37         M36         X         0         0         0         %100           38         M36         Z         0         0         0         %100           40         M37         Z         2.212         2.212         0         %100           41         M39         X         -4.036         -4.036         0         %100           42         M39	27	M26	X			0	%100
30   M27	28	M26		4.356	4.356	0	%100
M28	29	M27	X	-7.544	-7.544	0	%100
32         M28         Z         8.688         8.688         0         %100           33         M31         X         -1.567         -1.567         0         %100           34         M31         Z         .905         .905         0         %100           35         M32         X         -1.567         -1.567         0         %100           36         M32         Z         .905         .905         0         %100           36         M32         Z         .905         .905         0         %100           38         M36         X         0         0         0         %100           38         M36         Z         0         0         0         %100           39         M37         X         -3.832         -3.832         0         %100           40         M37         Z         2.212         2.212         0         %100           41         M39         X         -4.036         -4.036         0         %100           42         M39         Z         2.33         2.33         0         %100           45         M41         X	30	M27	Z	4.356	4.356	0	%100
33         M31         X         -1.567         0         %100           34         M31         Z         .905         .905         0         %100           35         M32         X         -1.567         0         %100         36         M32         Z         .905         .905         0         %100         37         M36         X         0         0         0         %100         38         M36         Z         0         0         0         %100         39         M37         X         -3.832         -3.832         0         %100         40         M37         X         -3.832         -3.832         0         %100         40         M37         Z         2.212         2.212         0         %100         40         M37         Z         2.2.212         2.212         0         %100         41         M39         X         -4.036         -4.036         0         %100         42         M39         Z         2.33         2.33         0         %100         44         M41         X         0         0         0         %100         44         M41         X         0         0         0         %100         4	31	M28	X	-15.048	-15.048	0	%100
33         M31         X         -1.567         -1.567         0         %100           34         M31         Z         .905         .905         0         %100           35         M32         X         -1.567         0         %100           36         M32         Z         .905         .905         0         %100           37         M36         X         0         0         0         %100           38         M36         Z         0         0         0         %100           39         M37         X         -3.832         -3.832         0         %100           40         M37         Z         2.212         2.212         0         %100           40         M37         Z         2.212         2.212         0         %100           41         M39         X         -4.036         -4.036         0         %100           42         M39         Z         2.33         2.33         0         %100           43         M41         X         0         0         0         %100           45         M42         X         -3.832	32	M28	Z	8.688	8.688	0	%100
34         M31         Z         905         .905         0         %100           35         M32         X         -1.567         -1.567         0         %100           36         M32         Z         .905         .905         0         %100           37         M36         X         0         0         0         .4100           38         M36         Z         0         0         0         .4100           39         M37         X         -3.832         -3.832         0         %100           40         M37         Z         2.212         2.212         0         %100           41         M39         X         -4.036         -4.036         0         %100           42         M39         Z         2.33         2.33         0         %100           43         M41         X         0         0         0         %100           44         M44         X         0         0         0         %100           45         M42         X         -3.832         -3.832         0         %100           46         M42         Z		M31	Х			0	
36         M32         Z         .905         .905         0         %100           37         M36         X         0         0         0         %100           38         M36         Z         0         0         0         %100           39         M37         X         -3.832         -3.832         0         %100           40         M37         Z         2.212         2.212         0         %100           41         M39         X         -4.036         -4.036         0         %100           42         M39         Z         2.33         2.33         0         %100           43         M41         X         0         0         0         %100           44         M41         Z         0         0         0         %100           45         M42         X         -3.832         -3.832         0         %100           45         M42         X         -3.832         -3.832         0         %100           47         M44         X         -4.036         -4.036         0         %100           48         M44         Z         <	34	M31		.905	.905	0	%100
36         M32         Z         .905         .905         0         %100           37         M36         X         0         0         0         %100           38         M36         Z         0         0         0         %100           39         M37         X         -3.832         -3.832         0         %100           40         M37         Z         2.212         2.212         0         %100           41         M39         X         -4.036         -4.036         0         %100           42         M39         Z         2.33         2.33         0         %100           43         M41         X         0         0         0         %100           45         M42         X         -3.832         -3.832         0         %100           45         M42         X         -3.832         -3.832         0         %100           45         M42         X         -3.832         -3.832         0         %100           47         M44         X         -4.036         -4.036         0         %100           47         M44         X			Х			0	%100
37         M36         X         0         0         0         %100           38         M36         Z         0         0         0         %100           39         M37         X         -3.832         -3.832         0         %100           40         M37         Z         2.212         2.212         0         %100           41         M39         X         -4.036         -4.036         0         %100           42         M39         Z         2.33         2.33         0         %100           43         M41         X         0         0         0         %100           44         M41         Z         0         0         0         %100           44         M41         Z         0         0         0         %100           45         M42         X         -3.832         -3.832         0         %100           45         M42         X         -3.832         -3.832         0         %100           47         M44         X         -4.036         -4.036         0         %100           47         M44         X         -4.						0	
38         M36         Z         0         0         %100           39         M37         X         -3.832         -3.832         0         %100           40         M37         Z         2.212         2.212         0         %100           41         M39         X         -4.036         -4.036         0         %100           42         M39         Z         2.33         2.33         0         %100           43         M41         X         0         0         0         %100           44         M41         Z         0         0         0         %100           45         M42         X         -3.832         -3.832         0         %100           45         M42         X         -3.832         -3.832         0         %100           46         M42         Z         2.212         2.212         0         %100           47         M44         X         -4.036         -4.036         0         %100           49         M49         X         -7.19         -7.19         0         %100           50         M49         Z         4.151<							
40         M37         Z         2.212         2.212         0         %100           41         M39         X         -4.036         -4.036         0         %100           42         M39         Z         2.33         2.33         0         %100           43         M41         X         0         0         0         0         %100           44         M41         Z         0         0         0         %100         40           45         M42         X         -3.832         -3.832         0         %100         40         4100         46         M42         Z         2.212         2.212         0         %100         46         M42         Z         2.212         2.212         0         %100         46         M42         Z         2.233         2.33         0         %100         48         M44         X         -4.036         0         %100         48         M44         X         -4.036         -4.036         0         %100         49         M49         X         -7.19         -7.19         0         %100         50         M5100         3         100         %100         50			Z	0		0	
40         M37         Z         2.212         2.212         0         %100           41         M39         X         -4.036         -4.036         0         %100           42         M39         Z         2.33         2.33         0         %100           43         M41         X         0         0         0         0         %100           44         M41         Z         0         0         0         %100         40           45         M42         X         -3.832         -3.832         0         %100         40         4100         46         M42         Z         2.212         2.212         0         %100         46         M42         Z         2.212         2.212         0         %100         46         M42         Z         2.233         2.33         0         %100         48         M44         X         -4.036         0         %100         48         M44         X         -4.036         -4.036         0         %100         49         M49         X         -7.19         -7.19         0         %100         50         M5100         3         100         %100         50	39	M37	Х	-3.832	-3.832	0	%100
42         M39         Z         2.33         2.33         0         %100           43         M41         X         0         0         0         %100           44         M41         Z         0         0         %100           45         M42         X         -3.832         -3.832         0         %100           46         M42         Z         2.212         2.212         0         %100           47         M44         X         -4.036         -4.036         0         %100           48         M44         Z         2.33         2.33         0         %100           48         M44         Z         2.33         2.33         0         %100           50         M49         X         -7.19         -7.19         0         %100           51         M50A         X         -1.886         -1.886         0         %100           51         M50A         X         -1.886         -1.886         0         %100           52         M50A         Z         1.089         1.089         0         %100           53         M51C         X	40	M37		2.212	2.212	0	%100
42         M39         Z         2.33         2.33         0         %100           43         M41         X         0         0         0         %100           44         M41         Z         0         0         %100           45         M42         X         -3.832         -3.832         0         %100           46         M42         Z         2.212         2.212         0         %100           47         M44         X         -4.036         -4.036         0         %100           48         M44         Z         2.33         2.33         0         %100           48         M44         Z         2.33         2.33         0         %100           50         M49         X         -7.19         -7.19         0         %100           51         M50A         X         -1.886         -1.886         0         %100           51         M50A         X         -1.886         -1.886         0         %100           52         M50A         Z         1.089         1.089         0         %100           53         M51C         X	41	M39	Х	-4.036	-4.036	0	
43         M41         X         0         0         0         %100           44         M41         Z         0         0         0         %100           45         M42         X         -3.832         -3.832         0         %100           46         M42         Z         2.212         2.212         0         %100           47         M44         X         -4.036         -4.036         0         %100           48         M44         Z         2.33         2.33         0         %100           49         M49         X         -7.19         -7.19         0         %100           50         M49         Z         4.151         4.151         0         %100           51         M50A         X         -1.886         -1.886         0         %100           52         M50A         Z         1.089         1.089         0         %100           53         M51C         X         -1.886         -1.886         0         %100           54         M51C         Z         1.089         1.089         0         %100           54         M51C	42	M39	Z			0	
44         M41         Z         0         0         %100           45         M42         X         -3.832         -3.832         0         %100           46         M42         Z         2.212         2.212         0         %100           47         M44         X         -4.036         -4.036         0         %100           48         M44         Z         2.33         2.33         0         %100           49         M49         X         -7.19         -7.19         0         %100           50         M49         Z         4.151         4.151         0         %100           51         M50A         X         -1.886         -1.886         0         %100           51         M50A         X         -1.886         -1.886         0         %100           52         M50A         Z         1.089         1.089         0         %100           53         M51C         X         -1.886         -1.886         0         %100           54         M51C         Z         1.089         1.089         0         %100           55         M52A         X </td <td></td> <td></td> <td>Х</td> <td></td> <td></td> <td>0</td> <td></td>			Х			0	
46         M42         Z         2.212         2.212         0         %100           47         M44         X         -4.036         -4.036         0         %100           48         M44         Z         2.33         2.33         0         %100           49         M49         X         -7.19         -7.19         0         %100           50         M49         Z         4.151         0         %100           51         M50A         X         -1.886         -1.886         0         %100           51         M50A         X         -1.886         -1.886         0         %100           52         M50A         Z         1.089         1.089         0         %100           53         M51C         X         -1.886         -1.886         0         %100           54         M51C         Z         1.089         1.089         0         %100           54         M51C         Z         1.089         1.089         0         %100           55         M52A         X         -3.762         -3.762         0         %100           56         M52A         <	44	M41		0	0	0	
46         M42         Z         2.212         2.212         0         %100           47         M44         X         -4.036         -4.036         0         %100           48         M44         Z         2.33         2.33         0         %100           49         M49         X         -7.19         -7.19         0         %100           50         M49         Z         4.151         0         %100           51         M50A         X         -1.886         -1.886         0         %100           51         M50A         X         -1.886         -1.886         0         %100           52         M50A         Z         1.089         1.089         0         %100           53         M51C         X         -1.886         -1.886         0         %100           54         M51C         Z         1.089         1.089         0         %100           54         M51C         Z         1.089         1.089         0         %100           55         M52A         X         -3.762         -3.762         0         %100           56         M52A         <	45		Х	-3.832	-3.832	0	
48         M44         Z         2.33         2.33         0         %100           49         M49         X         -7.19         -7.19         0         %100           50         M49         Z         4.151         4.151         0         %100           51         M50A         X         -1.886         -1.886         0         %100           52         M50A         Z         1.089         1.089         0         %100           53         M51C         X         -1.886         -1.886         0         %100           54         M51C         Z         1.089         1.089         0         %100           55         M52A         X         -3.762         -3.762         0         %100           56         M52A         Z         2.172         2.172         0         %100           57         M55         X         -1.567         -1.567         0         %100           59         M56         X         -6.267         -6.267         0         %100           60         M56         Z         3.618         3.618         0         %100           61         <	46	M42	Z	2.212	2.212	0	
48         M44         Z         2.33         2.33         0         %100           49         M49         X         -7.19         -7.19         0         %100           50         M49         Z         4.151         4.151         0         %100           51         M50A         X         -1.886         -1.886         0         %100           52         M50A         Z         1.089         1.089         0         %100           53         M51C         X         -1.886         -1.886         0         %100           54         M51C         Z         1.089         1.089         0         %100           55         M52A         X         -3.762         -3.762         0         %100           56         M52A         Z         2.172         2.172         0         %100           57         M55         X         -1.567         -1.567         0         %100           59         M56         X         -6.267         -6.267         0         %100           60         M56         Z         3.618         3.618         0         %100           61         <	47	M44	X	-4.036	-4.036	0	%100
50         M49         Z         4.151         0         %100           51         M50A         X         -1.886         -1.886         0         %100           52         M50A         Z         1.089         1.089         0         %100           53         M51C         X         -1.886         -1.886         0         %100           54         M51C         Z         1.089         1.089         0         %100           55         M52A         X         -3.762         -3.762         0         %100           56         M52A         Z         2.172         2.172         0         %100           57         M55         X         -1.567         -1.567         0         %100           58         M55         Z         .905         .905         0         %100           59         M56         X         -6.267         -6.267         0         %100           60         M56         Z         3.618         3.618         0         %100           61         M60         X         -11.286         -11.286         0         %100           62         M60	48	M44	Z	2.33	2.33	0	%100
50         M49         Z         4.151         0         %100           51         M50A         X         -1.886         -1.886         0         %100           52         M50A         Z         1.089         1.089         0         %100           53         M51C         X         -1.886         -1.886         0         %100           54         M51C         Z         1.089         1.089         0         %100           55         M52A         X         -3.762         -3.762         0         %100           56         M52A         Z         2.172         2.172         0         %100           57         M55         X         -1.567         -1.567         0         %100           58         M55         Z         .905         .905         0         %100           59         M56         X         -6.267         -6.267         0         %100           60         M56         Z         3.618         3.618         0         %100           61         M60         X         -11.286         -11.286         0         %100           62         M60			X		-7.19	0	
51         M50A         X         -1.886         -1.886         0         %100           52         M50A         Z         1.089         1.089         0         %100           53         M51C         X         -1.886         -1.886         0         %100           54         M51C         Z         1.089         1.089         0         %100           55         M52A         X         -3.762         -3.762         0         %100           56         M52A         Z         2.172         2.172         0         %100           57         M55         X         -1.567         -1.567         0         %100           58         M55         Z         .905         .905         0         %100           59         M56         X         -6.267         -6.267         0         %100           60         M56         Z         3.618         3.618         0         %100           61         M60         X         -11.286         -11.286         0         %100           62         M60         Z         6.516         6.516         0         %100           64						_	
52         M50A         Z         1.089         1.089         0         %100           53         M51C         X         -1.886         -1.886         0         %100           54         M51C         Z         1.089         1.089         0         %100           55         M52A         X         -3.762         -3.762         0         %100           56         M52A         Z         2.172         2.172         0         %100           57         M55         X         -1.567         -1.567         0         %100           58         M55         Z         .905         .905         0         %100           59         M56         X         -6.267         -6.267         0         %100           60         M56         Z         3.618         3.618         0         %100           61         M60         X         -11.286         -11.286         0         %100           62         M60         Z         6.516         0.516         0         %100           64         M61         Z         2.212         2.212         0         %100						0	
53         M51C         X         -1.886         -1.886         0         %100           54         M51C         Z         1.089         1.089         0         %100           55         M52A         X         -3.762         0         %100           56         M52A         Z         2.172         2.172         0         %100           57         M55         X         -1.567         -1.567         0         %100           58         M55         Z         .905         .905         0         %100           59         M56         X         -6.267         -6.267         0         %100           60         M56         Z         3.618         3.618         0         %100           61         M60         X         -11.286         -11.286         0         %100           62         M60         Z         6.516         6.516         0         %100           63         M61         X         -3.832         -3.832         0         %100           64         M61         Z         2.212         2.212         0         %100							
54         M51C         Z         1.089         1.089         0         %100           55         M52A         X         -3.762         -3.762         0         %100           56         M52A         Z         2.172         2.172         0         %100           57         M55         X         -1.567         -1.567         0         %100           58         M55         Z         .905         .905         0         %100           59         M56         X         -6.267         -6.267         0         %100           60         M56         Z         3.618         3.618         0         %100           61         M60         X         -11.286         -11.286         0         %100           62         M60         Z         6.516         6.516         0         %100           63         M61         X         -3.832         -3.832         0         %100           64         M61         Z         2.212         2.212         0         %100			X				
55         M52A         X         -3.762         -3.762         0         %100           56         M52A         Z         2.172         2.172         0         %100           57         M55         X         -1.567         -1.567         0         %100           58         M55         Z         .905         .905         0         %100           59         M56         X         -6.267         -6.267         0         %100           60         M56         Z         3.618         3.618         0         %100           61         M60         X         -11.286         -11.286         0         %100           62         M60         Z         6.516         6.516         0         %100           63         M61         X         -3.832         -3.832         0         %100           64         M61         Z         2.212         2.212         0         %100			Z				
56         M52A         Z         2.172         2.172         0         %100           57         M55         X         -1.567         -1.567         0         %100           58         M55         Z         .905         .905         0         %100           59         M56         X         -6.267         -6.267         0         %100           60         M56         Z         3.618         3.618         0         %100           61         M60         X         -11.286         -11.286         0         %100           62         M60         Z         6.516         6.516         0         %100           63         M61         X         -3.832         -3.832         0         %100           64         M61         Z         2.212         2.212         0         %100							
57         M55         X         -1.567         -1.567         0         %100           58         M55         Z         .905         .905         0         %100           59         M56         X         -6.267         -6.267         0         %100           60         M56         Z         3.618         0         %100           61         M60         X         -11.286         -11.286         0         %100           62         M60         Z         6.516         6.516         0         %100           63         M61         X         -3.832         -3.832         0         %100           64         M61         Z         2.212         2.212         0         %100							
58         M55         Z         .905         .905         0         %100           59         M56         X         -6.267         -6.267         0         %100           60         M56         Z         3.618         3.618         0         %100           61         M60         X         -11.286         -11.286         0         %100           62         M60         Z         6.516         6.516         0         %100           63         M61         X         -3.832         -3.832         0         %100           64         M61         Z         2.212         2.212         0         %100			X				
59         M56         X         -6.267         -6.267         0         %100           60         M56         Z         3.618         3.618         0         %100           61         M60         X         -11.286         -11.286         0         %100           62         M60         Z         6.516         0         %100           63         M61         X         -3.832         -3.832         0         %100           64         M61         Z         2.212         2.212         0         %100			Z				
60     M56     Z     3.618     3.618     0     %100       61     M60     X     -11.286     -11.286     0     %100       62     M60     Z     6.516     6.516     0     %100       63     M61     X     -3.832     -3.832     0     %100       64     M61     Z     2.212     2.212     0     %100							
61     M60     X     -11.286     0     %100       62     M60     Z     6.516     6.516     0     %100       63     M61     X     -3.832     -3.832     0     %100       64     M61     Z     2.212     2.212     0     %100			Z				
62     M60     Z     6.516     0     %100       63     M61     X     -3.832     -3.832     0     %100       64     M61     Z     2.212     2.212     0     %100							
63         M61         X         -3.832         -3.832         0         %100           64         M61         Z         2.212         2.212         0         %100			Z				
64 M61 Z 2.212 2.212 0 %100			X				
			Z				
100   1100   1 11 1100   -1000   0   10100	65	M63	X	-4.036	-4.036	0	%100
66 M63 Z 2.33 2.33 0 %100							



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

	Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft.%]
67	M65	X	-11.286	-11.286	0	%100
68	M65	Z	6.516	6.516	0	%100
69	M66	X	-15.327	-15.327	0	%100
70	M66	Z	8.849	8.849	0	%100
71	M68	X	-16.143	-16.143	0	%100
72	M68	Z	9.32	9.32	0	%100
73	M73	X	-2.195	-2.195	0	%100
74	M73	Z	1.267	1.267	0	%100
75	M74	X	-8.778	-8.778	0	%100
76	M74	Z	5.068	5.068	0	%100
77	M75	X	-2.195	-2.195	0	%100
78	M75	Z	1.267	1.267	0	%100
79	MP1A	Х	-5.957	-5.957	0	%100
80	MP1A	Z	3.439	3.439	0	%100
81	MP2A	Х	-7.211	-7.211	0	%100
82	MP2A	Z	4.163	4.163	0	%100
83	MP3A	Х	-5.957	-5.957	0	%100
84	MP3A	Z	3.439	3.439	0	%100
85	MP4A	X	-5.957	-5.957	0	%100
86	MP4A	Z	3.439	3.439	0	%100
87	M85A	X	-4.871	-4.871	0	%100
88	M85A	Z	2.812	2.812	0	%100
89	MP1C	X	-5.957	-5.957	0	%100
90	MP1C	Z	3.439	3.439	0	%100
91	MP2C	X	-7.211	-7.211	0	%100
92	MP2C	Ž	4.163	4.163	0	%100
93	MP3C	X	-5.957	-5.957	0	%100
94	MP3C	Ž	3.439	3.439	0	%100
95	MP4C	X	-5.957	-5.957	0	%100
96	MP4C	Z	3.439	3.439	0	%100
97	MP1B	X	-5.957	-5.957	0	%100
98	MP1B	Ž	3.439	3.439	0	%100
99	MP2B	X	-7.211	-7.211	0	%100
100	MP2B	Z	4.163	4.163	0	%100
101	MP3B	X	-5.957	-5.957	0	%100
102	MP3B	Ž	3.439	3.439	0	%100
103	MP4B	X	-5.957	-5.957	0	%100
104	MP4B	Z	3.439	3.439	0	%100
105	M102	X	-1.803	-1.803	0	%100
106	M102	Ž	1.041	1.041	0	%100
107	M108	X	-1.803	-1.803	0	%100
108	M108	Z	1.041	1.041	0	%100
109	M114	X	-7.211	-7.211	0	%100
110	M114	Z	4.163	4.163	0	%100
111	M125	X	-9.45	-9.45	0	%100 %100
112	M125	Z	5.456	5.456	0	%100
113	M126	X	-2.362	-2.362	0	%100 %100
114	M126	Z	1.364	1.364	0	%100 %100
115	M127	X	-2.362	-2.362	0	%100 %100
116	M127	Z	1.364	1.364	0	%100 %100
110	IVI IZI	_	1.007	1.004		70100

# 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		M4	X	-11.07	-11.07	0	%100
2	2	M4	Z	0	0	0	%100
3		M10	X	0	0	0	%100

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

	Member Label	Direction		.End Magnitude[lb/ft,F		End Location[ft,%]
4	M10	Z	0	0	0	%100
5	M43	X	0	0	0	%100
6	M43	Z	0	0	0	%100
7	M46	X	0	0	0	%100
8	M46	Z	0	0	0	%100
9	M51B	X	-5.427	-5.427	0	%100
10	M51B	Z	0	0	0	%100
11	M52B	Х	-5.427	-5.427	0	%100
12	M52B	Z	0	0	0	%100
13	M76	Х	-17.376	-17.376	0	%100
14	M76	Z	0	0	0	%100
15	M77	X	-13.273	-13.273	0	%100
16	M77	Ζ	0	0	0	%100
17	M80	X	-13.981	-13.981	0	%100
18	M80	Ζ	0	0	0	%100
19	M84	X	-17.376	-17.376	0	%100
20	M84	Z	0	0	0	%100
21	M85	X	-13.273	-13.273	0	%100
22	M85	Z	0	0	0	%100
23	M91	X	-13.981	-13.981	0	%100
24	M91	Z	0	0	0	%100
25	M25	X	-2.767	-2.767	0	%100
26	M25	Z	0	0	0	%100
27	M26	X	-6.534	-6.534	0	%100
28	M26	Z	0	0	0	%100
29	M27	X	-6.534	-6.534	0	%100
30	M27	Z	0	0	0	%100
31	M28	X	-13.032	-13.032	0	%100
32	M28	Z	0	0	0	%100
33	M31	X	-5.427	-5.427	0	%100
34	M31	Z	0	0	0	%100
35	M32	X	0	0	0	%100
36	M32	Z	0	0	0	%100
37	M36	X	-4.344	-4.344	0	%100
38	M36	Z	0	0	0	%100
39	M37	X	-13.273	-13.273	0	%100
40	M37	Z	0	0	0	%100
41	M39	X	-13.981	-13.981	0	%100
42	M39	Z	0	0	0	%100
43	M41	X	-4.344	-4.344	0	%100 %100
44	M41	Z	0	0	0	%100 %100
45	M42	X	0	0	0	%100 %100
46	M42	Z	0	0	0	%100 %100
47	M44	X Z	0	0	0	%100 %100
48	M44		-2.767			%100 %100
49	M49 M49	X Z		-2.767 0	0	%100 %100
50 51	M49 M50A		-6.534	-6.534	0	%100 %100
52	M50A M50A	X Z	-6.534	-6.534	0	%100 %100
53	M50A M51C	X	-6.534	-6.534	0	%100 %100
54	M51C	Ž	-6.534	-0.534	0	%100 %100
55	M52A	X	-13.032	-13.032	0	%100 %100
56	M52A	Z	-13.032	-13.032	0	%100 %100
57	M55	X	0	0	0	%100 %100
58	M55	Z	0	0	0	%100 %100
59	M56	X	-5.427	-5.427	0	%100 %100
60	M56	Z	0	0	0	%100 %100
	IVIOU		U	J	U	/0100

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

	ber Distributed Loa					E 11 (1 F0 0/1)
61	Member Label	Direction		End Magnitude[lb/ft,F -4.344		End Location[ft.%] %100
61 62	M60 M60	X Z	-4.344 0	-4.344	0	%100 %100
63	M61	X	0	0	0	%100 %100
64	M61	Ž	0	0	0	%100 %100
65	M63	X	0	0	0	%100 %100
66	M63	Ž	0	0	0	%100 %100
67	M65	X	-4.344	-4.344	0	%100 %100
68	M65	Z	0	0	0	%100 %100
69	M66	X	-13.273	-13.273	0	%100 %100
70	M66	Z	0	0	0	%100 %100
71	M68	X	-13.981	-13.981	0	%100 %100
72	M68	Z	0	0	0	%100 %100
73	M73	X	0	0	0	%100 %100
74	M73	Z	0	0	0	%100 %100
75	M74	X	-7.602	-7.602	0	%100 %100
76	M74	Ž	0	0	0	%100 %100
77	M75	X	-7.602	-7.602	0	%100
78	M75	Ž	0	0	0	%100
79	MP1A	X	-6.878	-6.878	0	%100 %100
80	MP1A	Z	0.070	0.070	0	%100 %100
81	MP2A	X	-8.326	-8.326	0	%100
82	MP2A	Ž	0	0	0	%100
83	MP3A	X	-6.878	-6.878	0	%100
84	MP3A	Z	0	0	0	%100
85	MP4A	X	-6.878	-6.878	0	%100
86	MP4A	Z	0	0	0	%100
87	M85A	X	-5.624	-5.624	0	%100
88	M85A	Z	0	0	0	%100
89	MP1C	X	-6.878	-6.878	0	%100
90	MP1C	Z	0	0	0	%100
91	MP2C	X	-8.326	-8.326	0	%100
92	MP2C	Z	0	0	0	%100
93	MP3C	X	-6.878	-6.878	0	%100
94	MP3C	Z	0	0	0	%100
95	MP4C	X	-6.878	-6.878	0	%100
96	MP4C	Z	0	0	0	%100
97	MP1B	X	-6.878	-6.878	0	%100
98	MP1B	Z	0	0	0	%100
99	MP2B	X	-8.326	-8.326	0	%100
100	MP2B	Z	0	0	0	%100
101	MP3B	X	-6.878	-6.878	0	%100
102	MP3B	Z	0	0	0	%100
103	MP4B	X	-6.878	-6.878	0	%100
104	MP4B	Z	0	0	0	%100
105	M102	X	-6.245	-6.245	0	%100
106	M102	Z	0	0	0	%100
107	M108	X	0	0	0	%100
108	M108	Z	0	0	0	%100
109	M114	X	-6.245	-6.245	0	%100
110	M114	Z	0	0	0	%100 %400
111	M125	X	-8.184	-8.184	0	%100
112	M125	Z	0	0	0	%100
113	M126	X	-8.184	-8.184	0	%100 %100
114	M126	Z	0	0	0	%100 %100
115	M127	Z	0	0	0	%100 %100
116	M127		0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lh/ft	End Magnitude[lb/ft,F	Start Location[ft %]	End Location[ft,%]
1	M4	X	-7.19	-7.19	0	%100
2	M4	Z	-4.151	-4.151	0	%100
3	M10	X	-1.886	-1.886	0	%100
4	M10	Z	-1.089	-1.089	0	%100
5	M43	X	-1.886	-1.886	0	%100
6	M43	Ζ	-1.089	-1.089	0	%100
7	M46	X	-3.762	-3.762	0	%100
8	M46	Ζ	-2.172	-2.172	0	%100
9	M51B	X	-1.567	-1.567	0	%100
10	M51B	Z	905	905	0	%100
11	M52B	X	-6.267	-6.267	0	%100
12	M52B	Z	-3.618	-3.618	0	%100
13	M76	X	-11.286	-11.286	0	%100
14	M76	Z	-6.516	-6.516	0	%100
15	M77	X	-3.832	-3.832	0	%100
16	M77	Z	-2.212	-2.212	0	%100
17	M80	X	-4.036	-4.036	0	%100
18	M80	Z	-2.33	-2.33	0	%100
19	M84	X	-11.286	-11.286	0	%100
20	M84	Z	-6.516	-6.516	0	%100
21	M85	X	-15.327	-15.327	0	%100
22	M85	Z	-8.849	-8.849	0	%100
23	M91	<u> </u>	-16.143	-16.143	0	%100
24	M91	Z	-9.32	-9.32	0	%100
25	M25	X	-7.19	-7.19	0	%100
26	M25	Z	-4.151	-4.151	0	%100
27	M26	X	-1.886	-1.886	0	%100
28	M26	Z	-1.089	-1.089	0	%100
29	M27	X Z	-1.886	-1.886	0	%100
30	M27	X	-1.089	-1.089	0	%100 %100
31 32	M28	Z	-3.762 -2.172	-3.762 -2.172	0	%100 %100
33	M28 M31		-6.267	-6.267		%100 %100
34	M31	X Z	-3.618	-3.618	0	%100 %100
35	M32	X	-1.567	-3.616	0	%100 %100
36	M32	Ž	905	905	0	%100 %100
37	M36	X	-11.286	-11.286	0	%100 %100
38	M36	Z	-6.516	-6.516	0	%100 %100
39	M37	X	-15.327	-15.327	0	%100 %100
40	M37	Z	-8.849	-8.849	0	%100
41	M39	X	-16.143	-16.143	0	%100 %100
42	M39	Z	-9.32	-9.32	0	%100
43	M41	X	-11.286	-11.286	0	%100
44	M41	Ž	-6.516	-6.516	0	%100
45	M42	X	-3.832	-3.832	0	%100
46	M42	Z	-2.212	-2.212	0	%100
47	M44	X	-4.036	-4.036	0	%100
48	M44	Z	-2.33	-2.33	0	%100
49	M49	Х	0	0	0	%100
50	M49	Ζ	0	0	0	%100
51	M50A	X	-7.544	-7.544	0	%100
52	M50A	Z	-4.356	-4.356	0	%100
53	M51C	X	-7.544	-7.544	0	%100
54	M51C	Z	-4.356	-4.356	0	%100
55	M52A	X	-15.048	-15.048	0	%100
56	M52A	Z	-8.688	-8.688	0	%100
57	M55	X	-1.567	-1.567	0	%100

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

Section   Sect		Member Label	Direction		.End Magnitude[lb/ft,F		End Location[ft,%]
Sep	58						
60         M56         Z         .905         0         %100           61         M60         X         0         0         0         %100           62         M60         Z         0         0         0         %100           63         M61         X         -3.832         -3.832         0         %100           64         M61         Z         -2.212         -2.212         0         %100           65         M63         X         -4.036         -0         0         %100           66         M63         Z         -2.33         -2.33         0         %100           67         M65         X         0         0         0         %100           68         M65         Z         0         0         0         %100           70         M66         X         -3.832         -3.832         0         %100           70         M68         Z         -2.212         -2.212         0         %100           71         M68         X         -4.036         -4.036         0         %100           71         M60         X         1.3.33			X			0	
61         M60         X         0         0         0         %100           62         M61         X         -3,832         -3,832         0         %100           64         M61         X         -3,832         -3,832         0         %100           65         M63         X         -4,036         -4,036         0         %100           66         M63         X         -4,036         -4,036         0         %100           67         M66         M65         X         0         0         0         %100           68         M65         X         0         0         0         %100           69         M66         X         -3,832         -3,832         0         %100           70         M66         Z         -2,212         -2,212         0         %100           71         M68         X         -3,832         -3,832         0         %100           72         M88         X         -2,212         -2,212         0         %100           72         M89         Z         -2,33         -2,33         0         %100           73 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>							
63         M61         X         -3.832         -3.832         0         %100           64         M61         Z         -2.212         0         %100           65         M63         X         -4.036         -4.036         0         %100           66         M63         Z         -2.33         -2.33         0         %100           67         M65         X         0         0         0         %100           68         M65         Z         0         0         0         %100           70         M66         X         -3.832         -3.832         0         %100           70         M66         X         -2.3832         0         %100           72         M68         X         -2.212         -2.212         0         %100           72         M68         X         -2.33         -2.33         0         %100           72         M68         X         -2.195         -2.195         0         %100           73         M73         X         2.195         -2.195         0         %100           74         M74         X         -2.195	61		Х			0	%100
64         M61         Z         -2.212         -2.212         0         %100           66         M63         Z         -2.33         -2.33         0         %100           67         M66         X         0         0         0         0         %100           68         M655         Z         0         0         0         %100           69         M66         X         -3.832         -3.832         0         %100           70         M66         X         -3.832         -3.832         0         %100           71         M68         X         -4.036         -4.036         0         %100           72         M68         X         -4.036         -4.036         0         %100           73         M73         X         -2.195         -2.195         0         %100           74         M73         X         -2.195         -2.195         0         %100           75         M74         X         -2.195         -2.195         0         %100           75         M74         X         -2.167         0         %100           77         M75	62	M60		0	0	0	%100
65         M63         X         -4.036         -4.036         0         %100           67         M65         X         0         0         0         0         %100           68         M65         X         0         0         0         %100           69         M66         X         -3.832         -3.832         0         %100           70         M66         Z         -2.212         -2.212         0         %100           70         M66         Z         -2.212         -2.212         0         %100           71         M68         X         -4.036         -4.036         0         %100           72         M68         Z         -2.33         -2.33         0         %100           73         M73         X         -2.195         -2.195         0         %100           74         M73         Z         -1.267         -1.267         0         %100           74         M73         Z         -1.267         -1.267         0         %100           75         M74         X         2.195         -2.195         0         %100           76	63	M61		-3.832	-3.832	0	%100
66         M63         Z         -2.33         -2.33         0         %100           68         M65         X         0         0         0         %100           69         M66         X         -3.832         -3.832         0         %100           70         M66         X         -3.832         -3.832         0         %100           71         M68         X         -4.036         -4.036         0         %100           72         M68         X         -4.036         -4.036         0         %100           73         M73         X         -2.195         -2.195         0         %100           74         M73         X         -2.195         -2.196         0         %100           75         M74         X         -2.195         -2.195         0         %100           75         M74         X         -2.196         -2.196         0         %100           76         M74         X         -2.1267         -1.267         0         %100           78         M75         X         -8.178         9         %100           78         M75         <	64	M61	Z	-2.212	-2.212	0	%100
67         M65         X         0         0         0         %100           68         M65         Z         0         0         0         %100           69         M66         X         -3.832         -3.832         0         %100           70         M66         Z         -2.212         -2.212         0         %100           71         M68         X         -4.036         -4.036         0         %100           72         M68         Z         -2.33         -2.33         0         %100           73         M73         X         -2.195         0         %100           74         M73         Z         -1.267         -1.267         0         %100           74         M73         Z         -1.267         -1.267         0         %100           75         M74         X         -2.195         -2.195         0         %100           76         M74         X         -2.195         -2.195         0         %100           77         M75         X         -8.778         -8.778         0         %100           77         M75         X	65	M63	X	-4.036	-4.036	0	%100
68         M65         Z         0         0         0         %100           70         M66         X         -3.832         -3.832         0         %100           70         M68         Z         -2.212         -2.212         0         %100           71         M68         X         -4.036         -4.036         0         %100           72         M68         Z         -2.33         -2.33         0         %100           73         M73         X         -2.195         -2.195         0         %100           74         M73         X         -2.195         -2.195         0         %100           75         M74         X         -2.195         -2.195         0         %100           75         M74         X         -2.195         -2.196         0         %100           76         M74         Z         -1.267         1.267         0         %100           77         M75         X         -8.778         -8.778         0         %100           79         MP1A         X         -5.957         -5.957         0         %100           80 <td< td=""><td>66</td><td>M63</td><td></td><td>-2.33</td><td>-2.33</td><td>0</td><td>%100</td></td<>	66	M63		-2.33	-2.33	0	%100
69         M66         X         -3.832         -3.832         0         %100           70         M66         Z         -2.212         -2.212         0         %100           71         M68         X         -4.036         -4.036         0         %100           72         M68         Z         -2.33         -2.33         0         %100           73         M73         X         -2.195         0         %100           74         M73         Z         -1.267         -1.267         0         %100           75         M74         X         -2.195         0         %100         %100           76         M74         X         -2.195         -1.965         0         %100           76         M74         Z         -2.1967         -1.267         0         %100           77         M75         X         -8.778         -8.778         0         %100           79         MP1A         X         -5.957         -5.957         0         %100           80         MP1A         Z         -3.439         -3.439         0         %100           81         MP2A	67	M65		0	0	0	%100
70         M66         Z         -2.212         -2.212         0         %.100           71         M68         X         -4.036         -4.036         0         %.100           72         M68         Z         -2.33         -2.33         0         %.100           73         M73         X         -2.195         -2.195         0         %.100           74         M73         X         -2.195         -2.195         0         %.100           75         M74         X         -2.195         -2.195         0         %.100           75         M74         X         -2.195         -2.195         0         %.100           76         M74         X         -2.195         -2.195         0         %.100           76         M75         X         -8.778         -8.778         0         %.100           78         M75         Z         -5.068         -5.068         0         %.100           79         MP1A         X         -5.957         -5.957         0         %.100           80         MP1A         Z         -3.439         -3.439         0         %.100	68	M65		0		0	%100
71         M68         X         -4.036         -4.036         0         %100           72         M68         Z         -2.33         -2.33         0         %100           73         M73         X         -2.195         0         %100           74         M73         Z         -1.267         -1.267         0         %100           75         M74         X         -2.195         -2.195         0         %100           76         M74         X         -2.195         -2.195         0         %100           76         M74         Z         -1.267         -1.267         0         %100           76         M74         Z         -1.267         -1.267         0         %100           78         M75         X         -8.8778         8         0         %100           79         MP1A         X         -5.957         -5.957         0         %100           80         MP1A         Z         -3.439         -3.439         0         %100           81         MP2A         X         -7.211         -7.211         0         %100           82         MP2A	69	M66		-3.832		0	%100
72         M68         Z         -2.33         -2.33         0         %100           73         M73         X         -2.195         -2.195         0         %100           74         M73         Z         -1.267         -1.267         0         %100           75         M74         X         -2.195         -2.195         0         %100           76         M74         X         -2.195         -2.195         0         %100           76         M74         X         -2.195         -2.195         0         %100           77         M75         X         -2.187         -1.267         0         %100           78         M75         Z         -5.068         -5.068         0         %100           79         MP1A         X         -5.957         -5.957         0         %100           80         MP1A         Z         -3.439         -3.439         0         %100           81         MP2A         X         -7.211         -7.211         0         %100           82         MP2A         X         -7.211         -7.211         0         %100           84 <td>70</td> <td>M66</td> <td>Z</td> <td>-2.212</td> <td>-2.212</td> <td>0</td> <td>%100</td>	70	M66	Z	-2.212	-2.212	0	%100
73         M73         X         -2.195         -2.195         0         %100           74         M73         Z         -1.267         -1.267         0         %100           75         M74         X         -2.195         -2.195         0         %100           76         M74         Z         -1.267         -1.267         0         %100           77         M75         X         8.8778         8.778         0         %100           78         M75         Z         -5.068         -5.068         0         %100           79         MP1A         X         -5.957         -5.957         0         %100           80         MP1A         Z         -3.439         -3.439         0         %100           81         MP2A         X         -7.211         -7.211         0         %100           82         MP2A         Z         -4.163         -4.163         0         %100           84         MP3A         X         -5.957         -5.957         0         %100           84         MP3A         X         -5.957         -5.957         0         %100           85				-4.036	-4.036	0	%100
74         M73         Z         -1.267         -1.267         0         %100           75         M74         X         -2.195         -2.195         0         %100           76         M74         Z         -1.267         -1.267         0         %100           77         M75         X         -8.778         -8.778         0         %100           78         M75         Z         -5.068         -5.068         0         %100           79         MP1A         X         -5.957         -5.957         0         %100           80         MP1A         Z         -3.439         -3.439         0         %100           81         MP2A         X         -7.211         -7.211         0         %100           82         MP2A         X         -7.211         -7.211         0         %100           83         MP3A         X         -5.957         -5.957         0         %100           84         MP3A         X         -5.957         -5.957         0         %100           85         MP4A         X         -5.957         -5.957         0         %100					-2.33		
75         M74         X         -2.195         -2.195         0         %100           76         M74         Z         -1.267         -1.267         0         %100           77         M75         X         -8.778         -8.778         0         %100           78         M75         Z         -5.068         -5.068         0         %100           79         MP1A         X         -5.957         -5.957         0         %400           80         MP1A         Z         -3.439         -3.439         0         %100           81         MP2A         X         -7.211         -7.211         0         %100           81         MP2A         X         -7.211         -7.211         0         %100           82         MP2A         X         -7.211         -7.211         0         %100           84         MP3A         X         -5.957         -5.957         0         %100           84         MP3A         X         -5.957         -5.957         0         %100           86         MP4A         X         -3.439         -3.439         0         %100 <td< td=""><td></td><td></td><td></td><td></td><td></td><td>0</td><td></td></td<>						0	
76         M74         Z         -1.267         -1.267         0         %100           77         M75         X         -8.778         -8.778         0         %100           78         M75         Z         -5.068         -5.068         0         %100           79         MP1A         X         -5.957         -5.957         0         %100           80         MP1A         Z         -3.439         -3.439         0         %100           81         MP2A         X         -7.211         -7.211         0         %6100           82         MP2A         X         -7.211         -7.211         0         %6100           83         MP3A         X         -5.957         -5.957         0         %100           84         MP3A         Z         -3.439         -3.439         0         %100           85         MP4A         X         -5.957         -5.957         0         %100           86         MP4A         Z         -3.439         -3.439         0         %100           87         M85A         X         -4.871         -4.871         0         %100							
77         M75         X         -8.778         -8.778         0         %100           78         M75         Z         -5.068         -5.068         0         %1100           79         MP1A         X         -5.957         0         %100           80         MP1A         Z         -3.439         -3.439         0         %100           81         MP2A         X         -7.211         -7.211         0         %100           82         MP2A         Z         -4.163         -4.163         0         %100           83         MP3A         X         -5.957         -5.957         0         %100           84         MP3A         Z         -3.439         -3.439         0         %100           85         MP4A         X         -5.957         0         %100         %100           86         MP4A         Z         -3.439         -3.439         0         %100           87         M85A         X         -4.871         -4.871         0         %100           89         MP1C         X         -5.957         -5.957         0         %100           99         MP							
78         M75         Z         -5.068         -5.068         0         %100           79         MP1A         X         -5.957         -5.957         0         %100           80         MP1A         Z         -3.439         -3.439         0         %100           81         MP2A         X         -7.211         -7.211         0         %100           82         MP2A         Z         -4.163         -4.163         0         %100           83         MP3A         X         -5.957         -5.957         0         %100           84         MP3A         Z         -3.439         -3.439         0         %100           86         MP4A         X         -5.957         -5.957         0         %100           86         MP4A         Z         -3.439         -3.439         0         %100           87         M85A         X         -4.871         -4.871         0         %100           89         MP1C         X         -5.957         -5.957         0         %100           89         MP1C         X         -5.957         -5.957         0         %100							
79         MP1A         X         -5.957         -5.957         0         %100           80         MP1A         Z         -3.439         -3.439         0         %100           81         MP2A         X         -7.211         -7.211         0         %100           82         MP2A         Z         -4.163         -4.163         0         %100           83         MP3A         X         -5.957         -5.957         0         %100           84         MP3A         Z         -3.439         3.439         0         %100           85         MP4A         X         -5.957         -5.957         0         %100           86         MP4A         X         -5.957         -5.957         0         %100           86         MP4A         Z         -3.439         -3.439         0         %100           88         M85A         X         -4.871         -4.871         0         %100           89         MP1C         X         -5.957         -5.957         0         %100           90         MP1C         X         -5.957         -5.957         0         %100							
80         MP1A         Z         -3.439         -3.439         0         %100           81         MP2A         X         -7.211         -7.211         0         %100           82         MP2A         Z         -4.163         0         %100           83         MP3A         X         -5.957         -5.957         0         %100           84         MP3A         Z         -3.439         -3.439         0         %100           85         MP4A         X         -5.957         -5.957         0         %100           86         MP4A         Z         -3.439         -3.439         0         %100           87         M85A         X         -4.871         -4.871         0         %100           89         MP1C         X         -5.957         -5.957         0         %100           89         MP1C         X         -5.957         -5.957         0         %100           90         MP1C         X         -5.957         -5.957         0         %100           91         MP2C         X         -7.211         -7.211         0         %100           92 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>							
81         MP2A         X         -7.211         -7.211         0         %100           82         MP2A         Z         -4.163         -4.163         0         %100           83         MP3A         X         -5.957         -5.957         0         %100           84         MP3A         Z         -3.439         -3.439         0         %100           85         MP4A         X         -5.957         -5.957         0         %100           86         MP4A         X         -5.957         -5.957         0         %100           87         M85A         X         -4.871         -4.871         0         %100           87         M85A         X         -4.871         -4.871         0         %100           89         MP1C         X         -5.957         -5.957         0         %100           90         MP1C         X         -5.957         -5.957         0         %100           91         MP2C         X         -7.211         -7.211         0         %100           92         MP2C         X         -7.211         -7.211         0         %100							
82         MP2A         Z         -4.163         -4.163         0         %100           83         MP3A         X         -5.957         -5.957         0         %100           84         MP3A         Z         -3.439         0         %100           85         MP4A         X         -5.957         -5.957         0         %100           86         MP4A         Z         -3.439         -3.439         0         %100           87         M85A         X         -4.871         -4.871         0         %100           88         M85A         Z         -2.812         -2.812         0         %100           89         MP1C         X         -5.957         -5.957         0         %100           90         MP1C         Z         -3.439         -3.439         0         %100           91         MP2C         X         -7.211         -7.211         0         %100           92         MP2C         Z         -4.163         -4.163         0         %100           93         MP3G         X         -5.957         -5.957         0         %100           95 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>							
83         MP3A         X         -5.957         -5.957         0         %100           84         MP3A         Z         -3.439         -3.439         0         %100           85         MP4A         X         -5.957         -5.957         0         %100           86         MP4A         Z         -3.439         -3.439         0         %100           87         M85A         X         -4.871         -4.871         0         %100           88         M85A         Z         -2.812         -2.812         0         %100           89         MP1C         X         -5.957         -5.957         0         %100           90         MP1C         Z         -3.439         -3.439         0         %100           91         MP2C         X         -7.211         -7.211         0         %100           92         MP2C         Z         -4.163         -4.163         0         %100           93         MP3C         X         -5.957         -5.957         0         %100           94         MP3C         X         -5.957         -5.957         0         %100							
84         MP3A         Z         -3.439         -3.439         0         %100           85         MP4A         X         -5.957         -5.957         0         %100           86         MP4A         Z         -3.439         -3.439         0         %100           87         M85A         X         -4.871         -4.871         0         %100           88         M85A         Z         -2.812         -2.812         0         %100           89         MP1C         X         -5.957         -5.957         0         %100           90         MP1C         Z         -3.439         -3.439         0         %100           91         MP2C         X         -7.211         -7.211         0         %100           92         MP2C         Z         -4.163         -4.163         0         %100           93         MP3C         X         -5.957         -5.957         0         %100           94         MP3C         Z         -3.439         -3.439         0         %100           95         MP4C         X         -5.957         -5.957         0         %100							
85         MP4A         X         -5.957         -5.957         0         %100           86         MP4A         Z         -3.439         -3.439         0         %100           87         M85A         X         -4.871         -4.871         0         %100           88         M85A         Z         -2.812         0         %100           89         MP1C         X         -5.957         -5.957         0         %100           90         MP1C         Z         -3.439         -3.439         0         %100           91         MP2C         X         -7.211         -7.211         0         %100           91         MP2C         X         -7.211         -7.211         0         %100           92         MP2C         Z         -4.163         -4.163         0         %100           93         MP3C         X         -5.957         -5.957         0         %100           94         MP3C         Z         -3.439         -3.439         0         %100           95         MP4C         X         -5.957         -5.957         0         %100           97 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>							
86         MP4A         Z         -3.439         -3.439         0         %100           87         M85A         X         -4.871         -4.871         0         %100           88         M85A         Z         -2.812         0         %100           89         MP1C         X         -5.957         -5.957         0         %100           90         MP1C         Z         -3.439         -3.439         0         %100           91         MP2C         X         -7.211         -7.211         0         %100           91         MP2C         Z         -4.163         -4.163         0         %100           92         MP2C         Z         -4.163         -4.163         0         %100           94         MP3C         X         -5.957         -5.957         0         %100           95         MP4C         X         -5.957         -5.957         0         %100           96         MP4C         Z         -3.439         -3.439         0         %100           98         MP1B         X         -5.957         -5.957         0         %100           99 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>							
87         M85A         X         -4.871         -4.871         0         %100           88         M85A         Z         -2.812         -2.812         0         %100           89         MP1C         X         -5.957         -5.957         0         %100           90         MP1C         Z         -3.439         0         %100           91         MP2C         X         -7.211         -7.211         0         %100           91         MP2C         X         -7.211         -7.211         0         %100           92         MP2C         Z         -4.163         -4.163         0         %100           93         MP3C         X         -5.957         -5.957         0         %100           94         MP3C         Z         -3.439         -3.439         0         %100           95         MP4C         X         -5.957         -5.957         0         %100           96         MP4C         Z         -3.439         -3.439         0         %100           97         MP1B         X         -5.957         -5.957         0         %100           99 <th< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td></th<>							
88         M85A         Z         -2.812         -2.812         0         %100           89         MP1C         X         -5.957         -5.957         0         %100           90         MP1C         Z         -3.439         -3.439         0         %100           91         MP2C         X         -7.211         -7.211         0         %100           92         MP2C         Z         -4.163         -4.163         0         %100           93         MP3C         X         -5.957         -5.957         0         %100           94         MP3C         Z         -3.439         -3.439         0         %100           95         MP4C         X         -5.957         -5.957         0         %100           96         MP4C         X         -5.957         -5.957         0         %100           97         MP1B         X         -5.957         -5.957         0         %100           98         MP1B         Z         -3.439         -3.439         0         %100           99         MP2B         X         -7.211         -7.211         0         %100							
89         MP1C         X         -5.957         -5.957         0         %100           90         MP1C         Z         -3.439         -3.439         0         %100           91         MP2C         X         -7.211         -7.211         0         %100           92         MP2C         Z         -4.163         0         %100           93         MP3C         X         -5.957         -5.957         0         %100           94         MP3C         Z         -3.439         -3.439         0         %100           95         MP4C         X         -5.957         -5.957         0         %100           96         MP4C         X         -5.957         -5.957         0         %100           96         MP4C         Z         -3.439         -3.439         0         %100           98         MP1B         X         -5.957         -5.957         0         %100           99         MP2B         X         -7.211         -7.211         0         %100           100         MP2B         Z         -4.163         -4.163         0         %100           102         <			<u> </u>				
90         MP1C         Z         -3.439         -3.439         0         %100           91         MP2C         X         -7.211         -7.211         0         %100           92         MP2C         Z         -4.163         -4.163         0         %100           93         MP3C         X         -5.957         0         %100           94         MP3C         Z         -3.439         0         %100           95         MP4C         X         -5.957         -5.957         0         %100           96         MP4C         Z         -3.439         -3.439         0         %100           97         MP1B         X         -5.957         -5.957         0         %100           98         MP1B         X         -5.957         -5.957         0         %100           99         MP2B         X         -7.211         -7.211         0         %100           100         MP2B         Z         -4.163         -4.163         0         %100           101         MP3B         X         -5.957         -5.957         0         %100           102         MP3B <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>							
91         MP2C         X         -7.211         -7.211         0         %100           92         MP2C         Z         -4.163         -4.163         0         %100           93         MP3C         X         -5.957         -5.957         0         %100           94         MP3C         Z         -3.439         -3.439         0         %100           95         MP4C         X         -5.957         -5.957         0         %100           96         MP4C         Z         -3.439         0         %100           97         MP1B         X         -5.957         -5.957         0         %100           98         MP1B         Z         -3.439         -3.439         0         %100           99         MP2B         X         -7.211         -7.211         0         %100           100         MP2B         Z         -4.163         -4.163         0         %100           101         MP3B         X         -5.957         -5.957         0         %100           102         MP3B         Z         -3.439         -3.439         0         %100           103							
92         MP2C         Z         -4.163         -4.163         0         %100           93         MP3C         X         -5.957         -5.957         0         %100           94         MP3C         Z         -3.439         -3.439         0         %100           95         MP4C         X         -5.957         -5.957         0         %100           96         MP4C         Z         -3.439         -3.439         0         %100           97         MP1B         X         -5.957         -5.957         0         %100           98         MP1B         Z         -3.439         -3.439         0         %100           99         MP2B         X         -7.211         -7.211         0         %100           100         MP2B         Z         -4.163         -4.163         0         %100           101         MP3B         X         -5.957         -5.957         0         %100           102         MP3B         X         -5.957         -5.957         0         %100           103         MP4B         X         -5.957         -5.957         0         %100							
93         MP3C         X         -5.957         -5.957         0         %100           94         MP3C         Z         -3.439         -3.439         0         %100           95         MP4C         X         -5.957         -5.957         0         %100           96         MP4C         Z         -3.439         -3.439         0         %100           97         MP1B         X         -5.957         -5.957         0         %100           98         MP1B         Z         -3.439         0         %100           99         MP2B         X         -7.211         -7.211         0         %100           100         MP2B         Z         -4.163         -4.163         0         %100           101         MP3B         X         -5.957         -5.957         0         %100           102         MP3B         Z         -3.439         -3.439         0         %100           103         MP4B         X         -5.957         -5.957         0         %100           103         MP4B         X         -5.957         -5.957         0         %100           104							
94         MP3C         Z         -3.439         -3.439         0         %100           95         MP4C         X         -5.957         -5.957         0         %100           96         MP4C         Z         -3.439         -3.439         0         %100           97         MP1B         X         -5.957         -5.957         0         %100           98         MP1B         Z         -3.439         0         %100           99         MP2B         X         -7.211         -7.211         0         %100           100         MP2B         Z         -4.163         -4.163         0         %100           101         MP3B         X         -5.957         -5.957         0         %100           102         MP3B         Z         -3.439         -3.439         0         %100           103         MP4B         X         -5.957         -5.957         0         %100           104         MP4B         X         -5.957         -5.957         0         %100           105         M102         X         -7.211         -7.211         0         %100           106							
95         MP4C         X         -5.957         -5.957         0         %100           96         MP4C         Z         -3.439         -3.439         0         %100           97         MP1B         X         -5.957         -5.957         0         %100           98         MP1B         Z         -3.439         -3.439         0         %100           99         MP2B         X         -7.211         -7.211         0         %100           100         MP2B         Z         -4.163         -4.163         0         %100           101         MP3B         X         -5.957         -5.957         0         %100           102         MP3B         Z         -3.439         -3.439         0         %100           103         MP4B         X         -5.957         -5.957         0         %100           104         MP4B         X         -5.957         -5.957         0         %100           105         M102         X         -7.211         0         %100           106         M102         X         -7.211         0         %100           108         M108							
96         MP4C         Z         -3.439         -3.439         0         %100           97         MP1B         X         -5.957         -5.957         0         %100           98         MP1B         Z         -3.439         -3.439         0         %100           99         MP2B         X         -7.211         -7.211         0         %100           100         MP2B         Z         -4.163         -4.163         0         %100           101         MP3B         X         -5.957         -5.957         0         %100           102         MP3B         Z         -3.439         -3.439         0         %100           103         MP4B         X         -5.957         -5.957         0         %100           104         MP4B         X         -5.957         -5.957         0         %100           105         M102         X         -7.211         -7.211         0         %100           105         M102         X         -7.211         -7.211         0         %100           106         M102         Z         -4.163         0         %100           108							
97         MP1B         X         -5.957         -5.957         0         %100           98         MP1B         Z         -3.439         0         %100           99         MP2B         X         -7.211         -7.211         0         %100           100         MP2B         Z         -4.163         -4.163         0         %100           101         MP3B         X         -5.957         -5.957         0         %100           102         MP3B         Z         -3.439         -3.439         0         %100           103         MP4B         X         -5.957         -5.957         0         %100           104         MP4B         Z         -3.439         -3.439         0         %100           105         M102         X         -7.211         -7.211         0         %100           106         M102         X         -7.211         -7.211         0         %100           107         M108         X         -1.803         -1.803         0         %100           108         M108         Z         -1.041         -1.041         0         %100           109							
98         MP1B         Z         -3.439         -3.439         0         %100           99         MP2B         X         -7.211         -7.211         0         %100           100         MP2B         Z         -4.163         -4.163         0         %100           101         MP3B         X         -5.957         -5.957         0         %100           102         MP3B         Z         -3.439         -3.439         0         %100           103         MP4B         X         -5.957         -5.957         0         %100           103         MP4B         X         -5.957         -5.957         0         %100           104         MP4B         Z         -3.439         -3.439         0         %100           105         M102         X         -7.211         -7.211         0         %100           106         M102         X         -7.211         -7.211         0         %100           107         M108         X         -1.803         -1.803         0         %100           108         M108         Z         -1.041         -1.041         0         %100 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>							
99         MP2B         X         -7.211         -7.211         0         %100           100         MP2B         Z         -4.163         -4.163         0         %100           101         MP3B         X         -5.957         -5.957         0         %100           102         MP3B         Z         -3.439         -3.439         0         %100           103         MP4B         X         -5.957         -5.957         0         %100           104         MP4B         Z         -3.439         -3.439         0         %100           105         M102         X         -7.211         -7.211         0         %100           106         M102         Z         -4.163         -4.163         0         %100           107         M108         X         -1.803         -1.803         0         %100           108         M108         Z         -1.041         -1.041         0         %100           109         M114         X         -1.803         -1.803         0         %100           110         M114         Z         -1.041         -1.041         0         %100      <							
100         MP2B         Z         -4.163         -4.163         0         %100           101         MP3B         X         -5.957         -5.957         0         %100           102         MP3B         Z         -3.439         -3.439         0         %100           103         MP4B         X         -5.957         -5.957         0         %100           104         MP4B         Z         -3.439         -3.439         0         %100           105         M102         X         -7.211         -7.211         0         %100           106         M102         Z         -4.163         -4.163         0         %100           107         M108         X         -1.803         -1.803         0         %100           108         M108         Z         -1.041         -1.041         0         %100           109         M114         X         -1.803         -1.803         0         %100           110         M114         Z         -1.041         -1.041         0         %100           111         M125         X         -2.362         -2.362         0         %100 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>							
101         MP3B         X         -5.957         -5.957         0         %100           102         MP3B         Z         -3.439         -3.439         0         %100           103         MP4B         X         -5.957         -5.957         0         %100           104         MP4B         Z         -3.439         0         %100           105         M102         X         -7.211         -7.211         0         %100           106         M102         Z         -4.163         -4.163         0         %100           107         M108         X         -1.803         -1.803         0         %100           108         M108         Z         -1.041         -1.041         0         %100           109         M114         X         -1.803         -1.803         0         %100           110         M114         Z         -1.041         -1.041         0         %100           111         M125         X         -2.362         -2.362         0         %100							
102         MP3B         Z         -3.439         -3.439         0         %100           103         MP4B         X         -5.957         -5.957         0         %100           104         MP4B         Z         -3.439         0         %100           105         M102         X         -7.211         -7.211         0         %100           106         M102         Z         -4.163         -4.163         0         %100           107         M108         X         -1.803         -1.803         0         %100           108         M108         Z         -1.041         -1.041         0         %100           109         M114         X         -1.803         -1.803         0         %100           110         M114         Z         -1.041         -1.041         0         %100           111         M125         X         -2.362         -2.362         0         %100							
103         MP4B         X         -5.957         -5.957         0         %100           104         MP4B         Z         -3.439         0         %100           105         M102         X         -7.211         -7.211         0         %100           106         M102         Z         -4.163         -4.163         0         %100           107         M108         X         -1.803         -1.803         0         %100           108         M108         Z         -1.041         -1.041         0         %100           109         M114         X         -1.803         -1.803         0         %100           110         M114         Z         -1.041         -1.041         0         %100           111         M125         X         -2.362         -2.362         0         %100			7				
104       MP4B       Z       -3.439       -3.439       0       %100         105       M102       X       -7.211       -7.211       0       %100         106       M102       Z       -4.163       -4.163       0       %100         107       M108       X       -1.803       -1.803       0       %100         108       M108       Z       -1.041       -1.041       0       %100         109       M114       X       -1.803       -1.803       0       %100         110       M114       Z       -1.041       -1.041       0       %100         111       M125       X       -2.362       -2.362       0       %100							
105     M102     X     -7.211     -7.211     0     %100       106     M102     Z     -4.163     -4.163     0     %100       107     M108     X     -1.803     -1.803     0     %100       108     M108     Z     -1.041     -1.041     0     %100       109     M114     X     -1.803     -1.803     0     %100       110     M114     Z     -1.041     -1.041     0     %100       111     M125     X     -2.362     -2.362     0     %100			7				
106     M102     Z     -4.163     -4.163     0     %100       107     M108     X     -1.803     -1.803     0     %100       108     M108     Z     -1.041     -1.041     0     %100       109     M114     X     -1.803     -1.803     0     %100       110     M114     Z     -1.041     -1.041     0     %100       111     M125     X     -2.362     -2.362     0     %100							
107     M108     X     -1.803     -1.803     0     %100       108     M108     Z     -1.041     -1.041     0     %100       109     M114     X     -1.803     -1.803     0     %100       110     M114     Z     -1.041     -1.041     0     %100       111     M125     X     -2.362     -2.362     0     %100							
108     M108     Z     -1.041     0     %100       109     M114     X     -1.803     -1.803     0     %100       110     M114     Z     -1.041     -1.041     0     %100       111     M125     X     -2.362     -2.362     0     %100							
109     M114     X     -1.803     -1.803     0     %100       110     M114     Z     -1.041     -1.041     0     %100       111     M125     X     -2.362     -2.362     0     %100			Z				
110         M114         Z         -1.041         -1.041         0         %100           111         M125         X         -2.362         -2.362         0         %100							
111 M125 X -2.362 -2.362 0 %100							
			X				
112   M125   Z   -1.364   -1.364   U   %100	112	M125	Z	-1.364	-1.364	0	%100
113 M126 X -9.45 -9.45 0 %100			X				
114 M126 Z -5.456 -5.456 0 %100							



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

	Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
115	M127	X	-2.362	-2.362	0	%100
116	M127	Z	-1.364	-1.364	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
1	M4	X	-1.384	-1.384	0	%100
2	M4	Ζ	-2.397	-2.397	0	%100
3	M10	X	-3.267	-3.267	0	%100
4	M10	Z	-5.658	-5.658	0	%100
5	M43	X	-3.267	-3.267	0	%100
6	M43	Ž	-5.658	-5.658	0	%100 %100
7	M46	X	-6.516	-6.516	0	%100 %100
8	M46	Ž	-11.286	-11.286	0	%100 %100
9	M51B	X	0	0	0	%100 %100
10	M51B M51B	Z	0	0	0	%100 %100
11	M52B	X	-2.714	-2.714	0	%100 %100
12	M52B	Z	-4.7	-4.7	0	%100 %100
13	M76	X	-4.7	-4. <i>1</i> -2.172	0	
		Ž				%100 %100
14	M76		-3.762	-3.762	0	%100
15	M77	X	0	0	0	%100
16	M77	Z	0	0	0	%100
17	M80	X	0	0	0	%100
18	M80	Z	0	0	0	%100
19	M84	X	-2.172	-2.172	0	%100
20	M84	Z	-3.762	-3.762	0	%100
21	M85	X	-6.637	-6.637	0	%100
22	M85	Z	-11.495	-11.495	0	%100
23	M91	X	-6.99	-6.99	0	%100
24	M91	Z	-12.107	-12.107	0	%100
25	M25	X	-5.535	-5.535	0	%100
26	M25	Z	-9.586	-9.586	0	%100
27	M26	X	0	0	0	%100
28	M26	Z	0	0	0	%100
29	M27	X	0	0	0	%100
30	M27	Z	0	0	0	%100
31	M28	X	0	0	0	%100
32	M28	Z	0	0	0	%100
33	M31	X	-2.714	-2.714	0	%100
34	M31	Z	-4.7	-4.7	0	%100
35	M32	X	-2.714	-2.714	0	%100
36	M32	Ž	-4.7	-4.7	0	%100
37	M36	X	-8.688	-8.688	0	%100
38	M36	Ž	-15.048	-15.048	0	%100
39	M37	X	-6.637	-6.637	0	%100 %100
40	M37	Z	-11.495	-11.495	0	%100 %100
41	M39		-6.99	-6.99	0	%100 %100
42	M39	X Z	-12.107	-12.107	0	%100 %100
43	M41	X	-8.688	-8.688	0	%100 %100
44	M41	Z	-15.048	-15.048	0	%100 %100
45	M41 M42	X	-6.637	-6.637	0	%100 %100
			-11.495	-0.637		%100 %100
46	M42	Z			0	
47	M44	X Z	-6.99	-6.99	0	%100 %100
48	M44		-12.107	-12.107	0	%100 %100
49	M49	X	-1.384	-1.384	0	%100
50	M49	Z	-2.397	-2.397	0	%100
51	M50A	X	-3.267	-3.267	0	%100

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

	Member Label	Direction		.End Magnitude[lb/ft,F		End Location[ft,%]
52	M50A	Z	-5.658	-5.658	0	%100
53	M51C	X	-3.267	-3.267	0	%100
54	M51C	Z	-5.658	-5.658	0	%100
55	M52A	X	-6.516	-6.516	0	%100
56	M52A	Z	-11.286	-11.286	0	%100
57	M55	X	-2.714	-2.714	0	%100
58	M55	Z	-4.7	-4.7	0	%100
59	M56	X	0	0	0	%100
60	M56	Z	0	0	0	%100
61	M60	X	-2.172	-2.172	0	%100
62	M60	Z	-3.762	-3.762	0	%100
63	M61	X	-6.637	-6.637	0	%100
64	M61	Z	-11.495	-11.495	0	%100
65	M63	X	-6.99	-6.99	0	%100
66	M63	Z	-12.107	-12.107	0	%100
67	M65	X	-2.172	-2.172	0	%100
68	M65	Z	-3.762	-3.762	0	%100
69	M66	X	0	0	0	%100
70	M66	Z	0	0	0	%100
71	M68	X	0	0	0	%100
72	M68	Z	0	0	0	%100
73	M73	X	-3.801	-3.801	0	%100
74	M73	Z	-6.584	-6.584	0	%100
75	M74	X	0	0	0	%100
76	M74	Z	0	0	0	%100
77	M75	X	-3.801	-3.801	0	%100
78	M75	Z	-6.584	-6.584	0	%100
79	MP1A	X	-3.439	-3.439	0	%100
80	MP1A	Z	-5.957	-5.957	0	%100
81	MP2A	X	-4.163	-4.163	0	%100
82	MP2A	Z	-7.211	-7.211	0	%100
83	MP3A	X	-3.439	-3.439	0	%100
84	MP3A	Z	-5.957	-5.957	0	%100
85	MP4A	X	-3.439	-3.439	0	%100
86	MP4A	Z	-5.957	-5.957	0	%100
87	M85A	X	-2.812	-2.812	0	%100
88	M85A	Z	-4.871	-4.871	0	%100
89	MP1C	X	-3.439	-3.439	0	%100 %100
90	MP1C	Z	-5.957	-5.957	0	%100 %100
91 92	MP2C MP2C	X Z	-4.163 -7.211	-4.163 -7.211	0	%100 %100
93	MP3C	X	-3.439	-3.439	0	%100 %100
94	MP3C	Z	-5.957	-5.957	0	%100 %100
95	MP4C	X	-3.439	-3.439	0	%100 %100
96	MP4C MP4C	Z	-5.957	-5.957	0	%100 %100
97	MP1B	X	-3.439	-3.439	0	%100 %100
98	MP1B	Z	-5.957	-5.957	0	%100 %100
99	MP2B	X	-4.163	-4.163	0	%100 %100
100	MP2B	Z	-7.211	-7.211	0	%100 %100
101	MP3B	X	-3.439	-3.439	0	%100 %100
102	MP3B	Z	-5.957	-5.957	0	%100
103	MP4B	X	-3.439	-3.439	0	%100
104	MP4B	Ž	-5.957	-5.957	0	%100
105	M102	X	-3.122	-3.122	0	%100
106	M102	Z	-5.408	-5.408	0	%100
107	M108	X	-3.122	-3.122	0	%100
108	M108	Z	-5.408	-5.408	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft,	.End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
109	M114	X	0	0	0	%100
110	M114	Z	0	0	0	%100
111	M125	X	0	0	0	%100
112	M125	Z	0	0	0	%100
113	M126	X	-4.092	-4.092	0	%100
114	M126	Ζ	-7.087	-7.087	0	%100
115	M127	X	-4.092	-4.092	0	%100
116	M127	Z	-7.087	-7.087	0	%100

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

1		Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
3		M4	X	0	0	0	%100
4         M10         Z         -1,699         -1,699         0         %100           5         M43         X         0         0         0         %100           6         M43         Z         -1,699         -1,699         0         %100           7         M46         X         0         0         0         %100           8         M46         Z         -2,659         -2,659         0         %100           9         M51B         X         0         0         0         0         %100           10         M51B         X         0         0         0         %100           11         M52B         X         0         0         0         %100           12         M52B         Z         -,415         -,415         0         0         %100           14         M76         X         0         0         0         %100         14         M76         Z         0         0         0         %100         14         M77         X         0         0         0         %100         14         M77         X         0         0         0	2	M4		0		0	%100
5         M43         X         0         0         0         %100           7         M46         X         0         0         0         %100           8         M46         Z         -2.659         -2.859         0         %100           9         M51B         X         0         0         0         %100           10         M51B         Z        415        415         0         %100           11         M52B         Z        415        415         0         %100           12         M52B         Z        415        415         0         %100           13         M76         X         0         0         0         %100           15         M77         X         0         0         0         %100           15         M77         X         0         0         0         %100           16         M77         Z        664        664         0         %100           18         M80         X         0         0         0         %100           21         M84         X         0         0	3	M10	X	0	0	0	%100
6         M43         Z         -1,699         -1,699         0         %100           7         M46         X         0         0         0         %100           8         M46         Z         -2,659         -2,659         0         %100           9         M51B         X         0         0         0         %100           10         M51B         Z         -415         -415         0         %100           11         M52B         X         0         0         0         %100           12         M52B         X         0         0         0         %100           12         M52B         Z         -415         -415         0         %100           14         M76         X         0         0         0         %100           14         M76         Z         0         0         0         %100           15         M77         X         0         0         0         %100           16         M77         Z         -664        664         0         %100           17         M80         X         0         0	4	M10	Z	-1.699	-1.699	0	%100
6         M43         Z         -1.699         -1.699         0         %100           7         M46         X         0         0         0         %100           8         M46         Z         -2.659         -2.659         0         %100           9         M51B         X         0         0         0         %100           10         M51B         Z         -415         -415         0         %100           11         M52B         X         0         0         0         %100           12         M52B         X         0         0         0         %100           13         M76         X         0         0         0         %100           14         M76         X         0         0         0         %100           15         M77         X         0         0         0         %100           16         M77         X         0         0         0         %100           18         M80         X         0         0         0         %100           19         M84         X         0         0         0 </td <td>5</td> <td>M43</td> <td>X</td> <td>0</td> <td>0</td> <td>0</td> <td>%100</td>	5	M43	X	0	0	0	%100
T         M46         X         0         0         0         %100           9         M51B         X         0         0         0         %100           10         M51B         Z         -415         -415         0         %100           11         M52B         X         0         0         0         %100           12         M52B         Z         -415         -415         0         %100           13         M76         X         0         0         0         %100           14         M76         Z         0         0         0         %100           15         M77         X         0         0         0         %100           15         M77         X         0         0         0         %100           17         M80         X         0         0         0         %100           18         M80         X         0         0         0         %100           19         M84         X         0         0         0         %100           20         M84         Z         0         0         0	6	M43	Z	-1.699	-1.699	0	%100
8         M46         Z         -2.659         -2.659         0         %100           10         M51B         X         0         0         0         %100           11         M52B         X         0         0         0         %100           12         M52B         Z        415        415         0         %100           13         M76         X         0         0         0         %100           14         M76         X         0         0         0         %100           15         M77         X         0         0         0         %100           16         M77         Z        664        664         0         %100           16         M77         Z        664        664         0         %100           17         M80         X         0         0         0         %100           18         M80         Z        693        693         0         %100           19         M84         X         0         0         0         %100           20         M84         Z         0         0 <td></td> <td></td> <td>X</td> <td></td> <td></td> <td>0</td> <td></td>			X			0	
9	8	M46	Z	-2.659	-2.659	0	
10	9	M51B	X	0	0	0	%100
12         M52B         Z        415        415         0         %100           13         M76         X         0         0         0         %100           14         M76         Z         0         0         0         %100           15         M77         X         0         0         0         %100           16         M77         Z        664        664         0         %100           17         M80         X         0         0         0         %100           18         M80         Z        693        693         0         %100           19         M84         X         0         0         0         %100           20         M84         Z         0         0         0         %100           21         M85         X         0         0         0         %100           22         M85         Z        664        664         0         %100           23         M91         X         0         0         0         %100           24         M91         Z        693        693	10	M51B		415	415	0	%100
13         M76         X         0         0         0         %100           14         M76         Z         0         0         0         %100           15         M77         X         0         0         0         %100           16         M77         Z        664        664         0         %100           17         M80         X         0         0         0         %100           18         M80         Z        693         0         0         0         %100           19         M84         X         0         0         0         %100         0         %100           20         M84         Z         0         0         0         %100         0         %100         20         %100         0         %100         20         %100         0         %100         22         M85         Z        664        664         0         %100         20         %100         20         %100         20         %100         20         %100         20         %100         20         %100         20         %100         20         %100         20	11	M52B	X	0	0	0	%100
13         M76         X         0         0         0         %100           14         M76         Z         0         0         0         %100           15         M77         X         0         0         0         %100           16         M77         Z        664        664         0         %100           17         M80         X         0         0         0         %100           18         M80         Z        693         0         0         0         %100           19         M84         X         0         0         0         %100         0         %100           20         M84         Z         0         0         0         %100         0         %100         20         %100         0         %100         20         %100         0         %100         22         M85         Z        664        664         0         %100         20         %100         20         %100         20         %100         20         %100         20         %100         20         %100         20         %100         20         %100         20				415	415	0	
14         M76         Z         0         0         0         %100           15         M77         X         0         0         0         %100           16         M77         Z         -664         -664         0         %100           17         M80         X         0         0         0         %100           18         M80         Z        693        693         0         %100           19         M84         X         0         0         0         %100           20         M84         Z         0         0         0         %100           21         M85         X         0         0         0         %100           21         M85         X         0         0         0         %100           22         M85         Z        664        664         0         %100           23         M91         X         0         0         0         %100           24         M91         Z        693        693         0         %100           25         M25         X         0         0 <td< td=""><td></td><td></td><td>X</td><td></td><td></td><td>0</td><td></td></td<>			X			0	
15         M77         X         0         0         %100           16         M77         Z        664        664         0         %100           17         M80         X         0         0         0         %100           18         M80         Z        693        693         0         %100           19         M84         X         0         0         0         %100           20         M84         Z         0         0         0         %100           21         M85         X         0         0         0         %100           22         M85         Z        664        664         0         %100           23         M91         X         0         0         0         %100           24         M91         Z        693        693         0         %100           25         M25         X         0         0         0         %100           26         M25         Z         -1.634         -1.634         0         %100           28         M26         Z        425        425 <t< td=""><td></td><td></td><td>Z</td><td></td><td></td><td></td><td></td></t<>			Z				
16         M77         Z        664        664         0         %100           17         M80         X         0         0         0         %100           18         M80         Z        693         0         %100           19         M84         X         0         0         0         %100           20         M84         Z         0         0         0         %100           21         M85         X         0         0         0         %100           22         M85         Z        664        664         0         %100           23         M91         X         0         0         0         %100           24         M91         Z        693        693         0         %100           24         M91         Z        693        693         0         %100           25         M25         X         0         0         0         %100           27         M26         X         0         0         0         %100           28         M26         Z        425        425         0 <td>15</td> <td>M77</td> <td>Х</td> <td>0</td> <td>0</td> <td>0</td> <td>%100</td>	15	M77	Х	0	0	0	%100
17         M80         X         0         0         %100           18         M80         Z        693        693         0         %100           19         M84         X         0         0         0         %100           20         M84         Z         0         0         0         %100           21         M85         X         0         0         0         %100           22         M85         Z        664        664         0         %100           23         M91         X         0         0         0         %100           24         M91         Z        693        693         0         %100           25         M25         X         0         0         0         %100           25         M25         X         0         0         0         %100           27         M26         X         0         0         0         %100           28         M26         Z        425        425         0         %100           29         M27         X         0         0         0         <							
18         M80         Z        693        693         0         %100           19         M84         X         0         0         0         %100           20         M84         Z         0         0         0         %100           21         M85         X         0         0         0         %100           22         M85         Z        664        664         0         %100           23         M91         X         0         0         0         %100           24         M91         Z        693        693         0         %100           25         M25         X         0         0         0         %100           25         M25         X         0         0         0         %100           27         M26         X         0         0         0         %100           27         M26         X         0         0         0         %100           29         M27         X         0         0         0         %100           30         M27         Z        425        425         <			Х			0	
19         M84         X         0         0         0         %100           20         M84         Z         0         0         0         %100           21         M85         X         0         0         0         %100           22         M85         Z        664        664         0         %100           23         M91         X         0         0         0         %100           24         M91         Z        693        693         0         %100           25         M25         X         0         0         0         %100           26         M25         Z         -1.634         -1.634         0         %100           27         M26         X         0         0         0         %100           28         M26         Z        425        425         0         %100           29         M27         X         0         0         0         %100           30         M27         Z        425        425         0         %100           31         M28         X         0         0			Z	693			
20         M84         Z         0         0         %100           21         M85         X         0         0         %100           22         M85         Z        664        664         0         %100           23         M91         X         0         0         0         %100           24         M91         Z        693        693         0         %100           25         M25         X         0         0         0         %100           26         M25         Z         -1.634         -1.634         0         %100           26         M25         Z         -1.634         -1.634         0         %100           27         M26         X         0         0         0         %100           28         M26         Z         -425         -425         0         %100           29         M27         X         0         0         0         %100           30         M27         Z         -425         -425         0         %100           31         M28         X         0         0         0				0		0	
21         M85         X         0         0         %100           22         M85         Z        664        664         0         %100           23         M91         X         0         0         0         %100           24         M91         Z        693        693         0         %100           25         M25         X         0         0         0         %100           26         M25         Z         -1.634         -1.634         0         %100           27         M26         X         0         0         0         %100           28         M26         Z        425        425         0         %100           29         M27         X         0         0         0         %100           30         M27         Z        425        425         0         %100           31         M28         X         0         0         0         %100           32         M28         Z        665        665         0         %100           33         M31         X         0         0 <t< td=""><td></td><td></td><td></td><td></td><td></td><td>0</td><td></td></t<>						0	
22         M85         Z        664        664         0         %100           23         M91         X         0         0         0         %100           24         M91         Z        693        693         0         %100           25         M25         X         0         0         0         %100           26         M25         Z         -1.634         -1.634         0         %100           27         M26         X         0         0         0         %100           28         M26         Z        425        425         0         %100           29         M27         X         0         0         0         %100           30         M27         Z        425        425         0         %100           31         M28         X         0         0         0         %100           32         M28         Z        665        665         0         %100           33         M31         X         0         0         0         %100           34         M31         Z        415			X	0			
23         M91         X         0         0         %100           24         M91         Z        693        693         0         %100           25         M25         X         0         0         0         %100           26         M25         Z         -1.634         -1.634         0         %100           27         M26         X         0         0         0         %100           28         M26         Z        425        425         0         %100           29         M27         X         0         0         0         %100           30         M27         Z        425        425         0         %100           31         M28         X         0         0         0         %100           31         M28         X         0         0         0         %100           32         M28         Z        665        665         0         %100           33         M31         X         0         0         0         %100           34         M31         X         0         0         0							
24         M91         Z        693        693         0         %100           25         M25         X         0         0         0         %100           26         M25         Z         -1.634         -1.634         0         %100           27         M26         X         0         0         0         %100           28         M26         Z        425        425         0         %100           29         M27         X         0         0         0         %100           30         M27         Z        425        425         0         %100           31         M28         X         0         0         0         %100           31         M28         X         0         0         0         %100           32         M28         Z        665        665         0         %100           34         M31         X         0         0         0         %100           34         M31         Z        415        415         0         %100           35         M32         X         0 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>							
25         M25         X         0         0         0         %100           26         M25         Z         -1.634         -1.634         0         %100           27         M26         X         0         0         0         %100           28         M26         Z        425        425         0         %100           29         M27         X         0         0         0         %100           30         M27         Z        425        425         0         %100           31         M28         X         0         0         0         %100           31         M28         X         0         0         0         %100           32         M28         Z        665        665         0         %100           33         M31         X         0         0         0         %100           34         M31         Z        415        415         0         %100           35         M32         X         0         0         0         %100           36         M32         Z         -1.659         -							
26         M25         Z         -1.634         -1.634         0         %100           27         M26         X         0         0         0         %100           28         M26         Z        425        425         0         %100           29         M27         X         0         0         0         %100           30         M27         Z        425        425         0         %100           30         M27         Z        425        425         0         %100           31         M28         X         0         0         0         %100           32         M28         Z        665         0         %100           33         M31         X         0         0         0         %100           34         M31         X         0         0         0         %100           35         M32         X         0         0         0         %100           36         M32         X         0         0         0         %100           37         M36         X         0         0         0							
27         M26         X         0         0         %100           28         M26         Z        425        425         0         %100           29         M27         X         0         0         0         %100           30         M27         Z        425        425         0         %100           31         M28         X         0         0         0         %100           32         M28         Z        665         0         %100           32         M28         Z        665         0         %100           33         M31         X         0         0         0         %100           34         M31         X         0         0         0         %100           35         M32         X         0         0         0         %100           36         M32         X         0         0         0         %100           37         M36         X         0         0         0         %100           38         M36         Z         -1.961         -1.961         0         %100			Z				
28         M26         Z        425        425         0         %100           29         M27         X         0         0         0         %100           30         M27         Z        425        425         0         %100           31         M28         X         0         0         0         %100           32         M28         Z        665        665         0         %100           33         M31         X         0         0         0         %100           34         M31         Z        415        415         0         %100           35         M32         X         0         0         0         %100           36         M32         Z         -1.659         -1.659         0         %100           37         M36         X         0         0         0         %100           38         M36         Z         -1.961         -1.961         0         %100           40         M37         X         0         0         0         %100           41         M39         X         0			X				
29         M27         X         0         0         %100           30         M27         Z        425        425         0         %100           31         M28         X         0         0         0         %100           32         M28         Z        665        665         0         %100           33         M31         X         0         0         0         %100           34         M31         Z        415        415         0         %100           35         M32         X         0         0         0         %100           36         M32         Z         -1.659         -1.659         0         %100           37         M36         X         0         0         0         %100           38         M36         Z         -1.961         -1.961         0         %100           39         M37         X         0         0         0         %100           40         M37         Z        664        664         0         %100           41         M39         X         0         0		M26	Z				
30         M27         Z        425        425         0         %100           31         M28         X         0         0         %100           32         M28         Z        665        665         0         %100           33         M31         X         0         0         0         %100           34         M31         Z        415        415         0         %100           35         M32         X         0         0         0         %100           36         M32         Z         -1.659         -1.659         0         %100           37         M36         X         0         0         0         %100           38         M36         Z         -1.961         -1.961         0         %100           39         M37         X         0         0         0         %100           40         M37         Z        664        664         0         %100           41         M39         X         0         0         0         %100           42         M39         Z        693        693							
31         M28         X         0         0         %100           32         M28         Z        665        665         0         %100           33         M31         X         0         0         0         %100           34         M31         Z        415        415         0         %100           35         M32         X         0         0         0         %100           36         M32         Z         -1.659         -1.659         0         %100           37         M36         X         0         0         0         %100           38         M36         Z         -1.961         -1.961         0         %100           39         M37         X         0         0         0         %100           40         M37         Z        664        664         0         %100           41         M39         X         0         0         0         %100           42         M39         Z        693        693         0         %100           43         M41         X         0         0					425		
32         M28         Z        665        665         0         %100           33         M31         X         0         0         %100           34         M31         Z        415        415         0         %100           35         M32         X         0         0         0         %100           36         M32         Z         -1.659         -1.659         0         %100           37         M36         X         0         0         0         %100           38         M36         Z         -1.961         -1.961         0         %100           39         M37         X         0         0         0         %100           40         M37         Z        664        664         0         %100           41         M39         X         0         0         0         %100           42         M39         Z        693        693         0         %100           43         M41         X         0         0         0         %100           44         M41         Z         -1.961         -1.961 <td></td> <td></td> <td>Х</td> <td></td> <td></td> <td></td> <td></td>			Х				
33         M31         X         0         0         %100           34         M31         Z        415         0         %100           35         M32         X         0         0         0         %100           36         M32         Z         -1.659         -1.659         0         %100           37         M36         X         0         0         0         %100           38         M36         Z         -1.961         -1.961         0         %100           39         M37         X         0         0         0         %100           40         M37         Z        664        664         0         %100           41         M39         X         0         0         0         %100           42         M39         Z        693        693         0         %100           43         M41         X         0         0         0         %100           44         M41         Z         -1.961         -1.961         0         %100	32	M28	Z	665	665	0	
34     M31     Z    415    415     0     %100       35     M32     X     0     0     0     %100       36     M32     Z     -1.659     0     %100       37     M36     X     0     0     0     %100       38     M36     Z     -1.961     -1.961     0     %100       39     M37     X     0     0     0     %100       40     M37     Z    664    664     0     %100       41     M39     X     0     0     0     %100       42     M39     Z    693    693     0     %100       43     M41     X     0     0     %100       44     M41     Z     -1.961     -1.961     0     %100	33					0	
35         M32         X         0         0         %100           36         M32         Z         -1.659         -1.659         0         %100           37         M36         X         0         0         0         %100           38         M36         Z         -1.961         -1.961         0         %100           39         M37         X         0         0         0         %100           40         M37         Z        664        664         0         %100           41         M39         X         0         0         0         %100           42         M39         Z        693        693         0         %100           43         M41         X         0         0         0         %100           44         M41         Z         -1.961         -1.961         0         %100	34	M31	Z	415	415	0	%100
36         M32         Z         -1.659         -1.659         0         %100           37         M36         X         0         0         0         %100           38         M36         Z         -1.961         -1.961         0         %100           39         M37         X         0         0         0         %100           40         M37         Z        664        664         0         %100           41         M39         X         0         0         0         %100           42         M39         Z        693        693         0         %100           43         M41         X         0         0         0         %100           44         M41         Z         -1.961         -1.961         0         %100		M32	Х	0	0	0	%100
37     M36     X     0     0     %100       38     M36     Z     -1.961     0     %100       39     M37     X     0     0     0     %100       40     M37     Z    664    664     0     %100       41     M39     X     0     0     0     %100       42     M39     Z    693    693     0     %100       43     M41     X     0     0     %100       44     M41     Z     -1.961     -1.961     0     %100			Z				
38         M36         Z         -1.961         0         %100           39         M37         X         0         0         %100           40         M37         Z        664        664         0         %100           41         M39         X         0         0         0         %100           42         M39         Z        693        693         0         %100           43         M41         X         0         0         %100           44         M41         Z         -1.961         -1.961         0         %100							
39     M37     X     0     0     0     %100       40     M37     Z    664    664     0     %100       41     M39     X     0     0     0     %100       42     M39     Z    693    693     0     %100       43     M41     X     0     0     0     %100       44     M41     Z     -1.961     -1.961     0     %100				-1.961	-1.961		
40     M37     Z    664    664     0     %100       41     M39     X     0     0     0     %100       42     M39     Z    693    693     0     %100       43     M41     X     0     0     0     %100       44     M41     Z     -1.961     -1.961     0     %100		M37	X		0	0	
41     M39     X     0     0     0     %100       42     M39     Z    693    693     0     %100       43     M41     X     0     0     0     %100       44     M41     Z     -1.961     -1.961     0     %100	40	M37	Z	664	664	0	%100
42     M39     Z    693    693     0     %100       43     M41     X     0     0     0     %100       44     M41     Z     -1.961     -1.961     0     %100	41		X	0	0	0	
43         M41         X         0         0         0         %100           44         M41         Z         -1.961         -1.961         0         %100	42			693	693	0	
44 M41 Z -1.961 -1.961 0 %100							
	45	M42	X		0	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
46	M42	Z	-2.654	-2.654	0	%100
47	M44	X	0	0	0	%100
48	M44	Z	-2.771	-2.771	0	%100
49	M49	X	0	0	0	%100
50	M49	Z	-1.634	-1.634	0	%100
51	M50A	X	0	0	0	%100
52	M50A	Z	425	425	0	%100
53	M51C	X	0	0	0	%100
54	M51C	Z	425	425	0	%100
55	M52A	X	0	0	0	%100
56	M52A	Z	665	665	0	%100
57	M55	X	0	0	0	%100
58	M55	Z	-1.659	-1.659	0	%100
59	M56	X	0	0	0	%100
60	M56	Z	415	415	0	%100
61	M60	X	0	0	0	%100
62	M60	Z	-1.961	-1.961	0	%100
63	M61	X	0	0	0	%100
64	M61	Z	-2.654	-2.654	0	%100
65	M63	X	0	0	0	%100
66	M63	Z	-2.771	-2.771	0	%100
67	M65	X	0	0	0	%100
68	M65	Z	-1.961	-1.961	0	%100
69	M66	X	0	0	0	%100
70	M66	Z	664	664	0	%100
71	M68	X	0	0	0	%100
72	M68	Z	693	693	0	%100
73	M73	X	0	0	0	%100
74	M73	Z	-2.063	-2.063	0	%100
75	M74	X	0	0	0	%100
76	M74	Z	516	516	0	%100
77	M75	X	0	0	0	%100
78	M75	Z	516	516	0	%100
79	MP1A	X	0	0	0	%100
80	MP1A	Z	-1.662	-1.662	0	%100
81	MP2A	X	0	0	0	%100
82	MP2A	Z	-1.84	-1.84	0	%100
83	MP3A	X	0	0	0	%100
84	MP3A	Z	-1.662	-1.662	0	%100
85	MP4A	X	0	0	0	%100
86	MP4A	Z	-1.662	-1.662	0	%100
87	M85A	X	0	0	0	%100
88	M85A	Z	-1.368	-1.368	0	%100 %400
89	MP1C	X	0	0	0	%100
90	MP1C	Z	-1.662	-1.662	0	%100 %100
91	MP2C	X	0	0	0	%100
92	MP2C	Z	-1.84	-1.84	0	%100 %400
93	MP3C	X	0	0	0	%100 %100
94	MP3C	Z	-1.662	-1.662	0	%100 %100
95	MP4C	X	0	0	0	%100 %100
96	MP4C	Z	-1.662	-1.662	0	%100 %100
97	MP1B	X	0	0	0	%100 %100
98	MP1B MP2B	Z	-1.662	-1.662	0	%100 %100
99	MP2B	X Z	0	0	0	%100 %100
100	MP2B		-1.84	-1.84	0	%100 %100
101	MP3B	X	0	0	0	%100 %100
102	MP3B	Z	-1.662	-1.662	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft,	.End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
103	MP4B	X	0	0	0	%100
104	MP4B	Z	-1.662	-1.662	0	%100
105	M102	X	0	0	0	%100
106	M102	Z	46	46	0	%100
107	M108	X	0	0	0	%100
108	M108	Ζ	-1.84	-1.84	0	%100
109	M114	X	0	0	0	%100
110	M114	Ζ	46	46	0	%100
111	M125	X	0	0	0	%100
112	M125	Ζ	496	496	0	%100
113	M126	X	0	0	0	%100
114	M126	Z	496	496	0	%100
115	M127	X	0	0	0	%100
116	M127	Z	-1.984	-1.984	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude[lb/ft,F.,	Start Location[ft,%]	End Location[ft,%]
1	M4	X	.272	.272	0	%100
2	M4	Z	472	472	0	%100
3	M10	X	.637	.637	0	%100
4	M10	Z	-1.103	-1.103	0	%100
5	M43	X	.637	.637	0	%100
6	M43	Ζ	-1.103	-1.103	0	%100
7	M46	X	.997	.997	0	%100
8	M46	Ζ	-1.727	-1.727	0	%100
9	M51B	X	.622	.622	0	%100
10	M51B	Z	-1.077	-1.077	0	%100
11	M52B	X	0	0	0	%100
12	M52B	Z	0	0	0	%100
13	M76	X	.327	.327	0	%100
14	M76	Z	566	566	0	%100
15	M77	X	.995	.995	0	%100
16	M77	Z	-1.724	-1.724	0	%100
17	M80	X	1.039	1.039	0	%100
18	M80	Z	-1.8	-1.8	0	%100
19	M84	X	.327	.327	0	%100
20	M84	Z	566	566	0	%100
21	M85	X	0	0	0	%100
22	M85	Z	0	0	0	%100
23	M91	X	0	0	0	%100
24	M91	Z	0	0	0	%100
25	M25	X	.272	.272	0	%100
26	M25	Z	472	472	0	%100
27	M26	X	.637	.637	0	%100
28	M26	Z	-1.103	-1.103	0	%100
29	M27	Х	.637	.637	0	%100
30	M27	Z	-1.103	-1.103	0	%100
31	M28	X	.997	.997	0	%100
32	M28	Z	-1.727	-1.727	0	%100
33	M31	X	0	0	0	%100
34	M31	Z	0	0	0	%100
35	M32	X	.622	.622	0	%100
36	M32	Z	-1.077	-1.077	0	%100
37	M36	X	.327	.327	0	%100
38	M36	Z	566	566	0	%100
39	M37	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
40	M37	Z	0	0	0	%100
41	M39	X	0	0	0	%100
42	M39	Z	0	0	0	%100
43	M41	X	.327	.327	0	%100
44	M41	Z	566	566	0	%100
45	M42	X	.995	.995	0	%100
46	M42	Z	-1.724	-1.724	0	%100
47	M44	X	1.039	1.039	0	%100
48	M44	Z	-1.8	-1.8	0	%100
49	M49	X	1.089	1.089	0	%100
50	M49	Z	-1.886	-1.886	0	%100
51	M50A	X	0	0	0	%100
52	M50A	Z	0	0	0	%100
53	M51C	X	0	0	0	%100
54	M51C	Z	0	0	0	%100
55	M52A	X	0	0	0	%100
56	M52A	Z	0	0	0	%100
57	M55	X	.622	.622	0	%100
58	M55	Z	-1.077	-1.077	0	%100
59	M56	X	.622	.622	0	%100
60	M56	Z	-1.077	-1.077	0	%100
61	M60	X	1.307	1.307	0	%100
62	M60	Z	-2.265	-2.265	0	%100
63	M61	X	.995	.995	0	%100
64	M61	Z	-1.724	-1.724	0	%100
65	M63	X	1.039	1.039	0	%100
66	M63	Z	-1.8	-1.8	0	%100
67	M65	X	1.307	1.307	0	%100
68	M65	Z	-2.265	-2.265	0	%100
69	M66	X Z	.995	.995	0	%100 %100
70	M66		-1.724	-1.724	0	%100 %100
72	M68	X Z	1.039	1.039	0	%100 %100
73	M68		-1.8 .774	-1.8		%100 %100
74	M73 M73	X Z	-1.34	.774 -1.34	0	%100 %100
75	M74	X	.774	.774	0	%100 %100
76	M74	Z	-1.34	-1.34	0	%100 %100
77	M75	X	0	0	0	%100 %100
78	M75	Ž	0	0	0	%100 %100
79	MP1A	X	.831	.831	0	%100 %100
80	MP1A	Z	-1.439	-1.439	0	%100 %100
81	MP2A	X	.92	.92	0	%100 %100
82	MP2A	Z	-1.594	-1.594	0	%100 %100
83	MP3A	X	.831	.831	0	%100 %100
84	MP3A	Z	-1.439	-1.439	0	%100 %100
85	MP4A	X	.831	.831	0	%100
86	MP4A	Ž	-1.439	-1.439	0	%100
87	M85A	X	.684	.684	0	%100
88	M85A	Z	-1.185	-1.185	0	%100
89	MP1C	X	.831	.831	0	%100
90	MP1C	Z	-1.439	-1.439	0	%100
91	MP2C	X	.92	.92	0	%100
92	MP2C	Z	-1.594	-1.594	0	%100
93	MP3C	X	.831	.831	0	%100
94	MP3C	Z	-1.439	-1.439	0	%100
95	MP4C	X	.831	.831	0	%100
96	MP4C	Z	-1.439	-1.439	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft,	.End Magnitude[lb/ft,F.,	Start Location[ft,%]	End Location[ft,%]
97	MP1B	X	.831	.831	0	%100
98	MP1B	Z	-1.439	-1.439	0	%100
99	MP2B	X	.92	.92	0	%100
100	MP2B	Z	-1.594	-1.594	0	%100
101	MP3B	X	.831	.831	0	%100
102	MP3B	Ζ	-1.439	-1.439	0	%100
103	MP4B	X	.831	.831	0	%100
104	MP4B	Ζ	-1.439	-1.439	0	%100
105	M102	X	0	0	0	%100
106	M102	Z	0	0	0	%100
107	M108	X	.69	.69	0	%100
108	M108	Z	-1.195	-1.195	0	%100
109	M114	X	.69	.69	0	%100
110	M114	Z	-1.195	-1.195	0	%100
111	M125	X	.744	.744	0	%100
112	M125	Z	-1.288	-1.288	0	%100
113	M126	X	0	0	0	%100
114	M126	Z	0	0	0	%100
115	M127	Χ	.744	.744	0	%100
116	M127	Z	-1.288	-1.288	0	%100

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

1         M4         X         1.415         1.415         0         %100           2         M4         Z        817        817         0         %100           3         M10         X         .368         .368         0         %100           4         M10         Z        212        212         0         %100           5         M43         X         .368         .368         0         %100           6         M43         Z        212        212         0         %100           7         M46         X         .576         .576         0         %100           8         M46         Z        332        332         0         %100           10         M51B         X         1.436         1.436         0         %100           10         M51B         X         1.436         1.436         0         %100           11         M52B         X         .359         .359         0         %100           12         M52B         Z        207        207         0         %100           13         M76         X <th></th> <th>Member Label</th> <th>Direction</th> <th>Start Magnitude[lb/ft,</th> <th>End Magnitude[lb/ft,F.,</th> <th>Start Location[ft,%]</th> <th>End Location[ft,%]</th>		Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude[lb/ft,F.,	Start Location[ft,%]	End Location[ft,%]
3         M10         X         .368         .368         0         %100           4         M10         Z        212        212         0         %100           5         M43         X         .368         .388         0         %100           6         M43         Z        212        212         0         %100           7         M46         X         .576         .576         0         %100           8         M46         Z        332        332         0         %100           9         M51B         X         1.436         1.436         0         %100           10         M51B         Z        829        829         0         %100           11         M52B         X        359         .359         0         %100           12         M52B         Z        207        207         0         %100           13         M76         X         1.698         1.698         0         %100           14         M76         Z        981        981         0         %100           15         M77	1	M4		1.415	1.415	0	
4         M10         Z        212        212         0         %100           5         M43         X         .368         .368         0         %100           6         M43         Z        212        212         0         %100           7         M46         X         .576         .576         0         %100           8         M46         Z        332        332         0         %100           9         M51B         X         1.436         1.436         0         %100           10         M51B         Z        829        829         0         %100           11         M52B         X         .359         .359         0         %100           12         M52B         Z        207        207         0         %100           13         M76         X         1.698         1.698         0         %100           14         M76         Z        981        981         0         %100           15         M77         X         2.299         2.299         0         %100           15         M77 <t< td=""><td></td><td>M4</td><td></td><td></td><td></td><td>0</td><td>%100</td></t<>		M4				0	%100
5         M43         X         .368         .368         .368         .0         %100           6         M43         Z        212        212         0         %100           7         M46         X         .576         .576         0         %100           8         M46         Z        332        332         0         %100           9         M51B         X         1.436         1.436         0         %100           10         M51B         Z        829        829         0         %100           10         M51B         Z        829        829         0         %100           11         M52B         X         .359         .359         0         %100           12         M52B         Z        207        207         0         %100           13         M76         X         1.698         1.698         0         %100           14         M76         Z        981        981         0         %100           15         M77         X         2.299         2.299         0         %100           16	3	M10		.368	.368	0	%100
6         M43         Z        212        212         0         %100           7         M46         X         .576         .576         0         %100           8         M46         Z        332        332         0         %100           9         M51B         X         1.436         1.436         0         %100           10         M51B         Z        829        829         0         %100           11         M52B         X         .359         .359         0         %100           11         M52B         X         .359         .359         0         %100           12         M52B         Z        207        207         0         %100           13         M76         X         1.698         1.698         0         %100           14         M76         Z        981        981         0         %100           15         M77         X         2.299         2.299         0         %100           15         M77         X         2.299         2.399         0         %100           16         M77	4	M10	Ζ	212	212	0	%100
7         M46         X         .576         .576         0         %100           8         M46         Z         -,332         -,332         0         %100           9         M51B         X         1,436         1,436         0         %100           10         M51B         Z         -,829         -,829         0         %100           11         M52B         X         ,359         ,359         0         %100           12         M52B         Z         -,207         -,207         0         %100           13         M76         X         1,698         1,698         0         %100           14         M76         Z         -,981         -,981         0         %100           15         M77         X         2,299         2,299         0         %100           15         M77         Z         -1,327         -1,327         0         %100           16         M77         Z         -1,327         -1,327         0         %100           18         M80         Z         -1,385         -1,385         0         %100           19         M84	5	M43	X	.368	.368	0	%100
8         M46         Z        332        332         0         %100           9         M51B         X         1.436         1.436         0         %100           10         M51B         Z        829        829         0         %100           11         M52B         X         .359         .359         0         %100           12         M52B         Z        207        207         0         %100           13         M76         X         1.698         1.698         0         %100           14         M76         Z        981        981         0         %100           15         M77         X         2.299         2.299         0         %100           16         M77         Z         -1.327         -1.327         0         %100           16         M77         Z         -1.327         -1.327         0         %100           18         M80         X         2.399         2.399         0         %100           18         M80         Z         -1.385         -1.385         0         %100           19         M84 </td <td>6</td> <td>M43</td> <td>Ζ</td> <td>212</td> <td>212</td> <td>0</td> <td>%100</td>	6	M43	Ζ	212	212	0	%100
9         M51B         X         1.436         1.436         0         %100           10         M51B         Z        829        829         0         %100           11         M52B         X         .359         .359         0         %100           12         M52B         Z        207        207         0         %100           13         M76         X         1.698         1.698         0         %100           14         M76         Z        981        981         0         %100           15         M77         X         2.299         2.299         0         %100           16         M77         Z         -1.327         -1.327         0         %100           16         M77         Z         -1.327         -1.327         0         %100           18         M80         X         2.399         2.399         0         %100           18         M80         Z         -1.385         -1.385         0         %100           20         M84         X         1.698         1.698         0         %100           21         M85<	7	M46	X	.576	.576	0	%100
10         M51B         Z         -829         -829         0         %100           11         M52B         X         .359         .359         0         %100           12         M52B         Z        207        207         0         %100           13         M76         X         1.698         1.698         0         %100           14         M76         Z        981        981         0         %100           15         M77         X         2.299         2.299         0         %100           16         M77         Z         -1.327         -1.327         0         %100           16         M77         Z         -1.327         -1.327         0         %100           17         M80         X         2.399         2.399         0         %100           18         M80         Z         -1.385         -1.385         0         %100           19         M84         X         1.698         1.698         0         %100           20         M84         Z        981        981         0         %100           21         M85 <td>8</td> <td>M46</td> <td>Ζ</td> <td>332</td> <td>332</td> <td>0</td> <td>%100</td>	8	M46	Ζ	332	332	0	%100
11         M52B         X         .359         .359         .359         .0         %100           12         M52B         Z        207        207         0         %100           13         M76         X         1.698         1.698         0         %100           14         M76         Z        981        981         0         %100           15         M77         X         2.299         2.299         0         %100           16         M77         Z         -1.327         -1.327         0         %100           17         M80         X         2.399         2.399         0         %100           18         M80         Z         -1.385         -1.385         0         %100           19         M84         X         1.698         1.698         0         %100           20         M84         Z        981        981         0         %100           21         M85         X         .575         .575         0         %100           22         M85         Z        332        332         0         %100           23 <td>9</td> <td>M51B</td> <td></td> <td>1.436</td> <td>1.436</td> <td>0</td> <td>%100</td>	9	M51B		1.436	1.436	0	%100
12         M52B         Z        207        207         0         %100           13         M76         X         1.698         1.698         0         %100           14         M76         Z        981        981         0         %100           15         M77         X         2.299         2.299         0         %100           16         M77         Z         -1.327         -1.327         0         %100           17         M80         X         2.399         2.399         0         %100           18         M80         Z         -1.385         -1.385         0         %100           19         M84         X         1.698         1.698         0         %100           20         M84         Z        981         0         %100           21         M85         X         .575         .575         0         %100           22         M85         Z        332        332         0         %100           23         M91         X         6         6         0         %100           24         M91         Z <td< td=""><td>10</td><td>M51B</td><td>Ζ</td><td>829</td><td>829</td><td>0</td><td>%100</td></td<>	10	M51B	Ζ	829	829	0	%100
13         M76         X         1.698         1.698         0         %100           14         M76         Z        981        981         0         %100           15         M77         X         2.299         2.299         0         %100           16         M77         Z         -1.327         -1.327         0         %100           17         M80         X         2.399         2.399         0         %100           18         M80         Z         -1.385         0         %100           19         M84         X         1.698         1.698         0         %100           20         M84         Z        981        981         0         %100           21         M85         X         .575         .575         0         %100           22         M85         Z        332        332         0         %100           24         M91         Z        346        346         0         %100           25         M25         X         0         0         0         %100           26         M25         Z         0	11	M52B	X	.359	.359	0	%100
14         M76         Z        981        981         0         %100           15         M77         X         2.299         2.299         0         %100           16         M77         Z         -1.327         -1.327         0         %100           17         M80         X         2.399         2.399         0         %100           18         M80         Z         -1.385         0         %100           19         M84         X         1.698         0         %100           20         M84         X         1.698         0         %100           20         M84         Z        981         0         %100           21         M85         X         .575         .575         0         %100           22         M85         Z        332        332         0         %100           23         M91         X         .6         .6         0         %100           24         M91         Z        346        346         0         %100           25         M25         X         0         0         0         %100	12	M52B	Ζ	207	207	0	%100
15         M77         X         2.299         2.299         0         %100           16         M77         Z         -1.327         -1.327         0         %100           17         M80         X         2.399         2.399         0         %100           18         M80         Z         -1.385         -1.385         0         %100           19         M84         X         1.698         1.698         0         %100           20         M84         Z        981         0         %100           20         M84         Z        981         0         %100           21         M85         X         .575         .575         0         %100           22         M85         Z        332        332         0         %100           23         M91         X         .6         .6         0         %100           24         M91         Z        346        346         0         %100           25         M25         X         0         0         0         %100           26         M25         Z         0         0	13	M76	X	1.698	1.698	0	%100
16         M77         Z         -1.327         -1.327         0         %100           17         M80         X         2.399         2.399         0         %100           18         M80         Z         -1.385         -1.385         0         %100           19         M84         X         1.698         1.698         0         %100           20         M84         Z        981        981         0         %100           21         M85         X         .575         .575         0         %100           22         M85         Z        332        332         0         %100           23         M91         X         .6         .6         0         %100           24         M91         Z        346        346         0         %100           25         M25         X         0         0         0         %100           26         M25         Z         0         0         %100           28         M26         X         1.471         1.471         0         %100           28         M26         X         1.471	14	M76	Ζ	981	981	0	%100
17         M80         X         2.399         2.399         0         %100           18         M80         Z         -1.385         -1.385         0         %100           19         M84         X         1.698         1.698         0         %100           20         M84         Z        981        981         0         %100           21         M85         X         .575         .575         0         %100           22         M85         Z        332        332         0         %100           23         M91         X         .6         .6         0         %100           24         M91         Z        346        346         0         %100           25         M25         X         0         0         0         %100           26         M25         Z         0         0         0         %100           27         M26         X         1.471         1.471         0         %100           28         M26         Z        849        849         0         %100           29         M27         X	15	M77	X	2.299	2.299	0	%100
18         M80         Z         -1.385         -1.385         0         %100           19         M84         X         1.698         1.698         0         %100           20         M84         Z        981         0         %100           21         M85         X         .575         .575         0         %100           22         M85         Z        332        332         0         %100           23         M91         X         .6         .6         0         %100           24         M91         Z        346        346         0         %100           25         M25         X         0         0         0         %100           26         M25         Z         0         0         %100           27         M26         X         1.471         1.471         0         %100           28         M26         Z        849        849         0         %100           29         M27         X         1.471         1.471         0         %100           30         M27         Z        849        849	16	M77	Ζ	-1.327	-1.327	0	%100
18         M80         Z         -1.385         -1.385         0         %100           19         M84         X         1.698         1.698         0         %100           20         M84         Z        981         0         %100           21         M85         X         .575         .575         0         %100           22         M85         Z        332        332         0         %100           23         M91         X         .6         .6         0         %100           24         M91         Z        346        346         0         %100           25         M25         X         0         0         0         %100           26         M25         Z         0         0         %100           27         M26         X         1.471         1.471         0         %100           28         M26         Z        849        849         0         %100           29         M27         X         1.471         1.471         0         %100           30         M27         Z        849        849	17	M80	X	2.399	2.399	0	%100
20       M84       Z      981      981       0       %100         21       M85       X       .575       .575       0       %100         22       M85       Z      332      332       0       %100         23       M91       X       .6       .6       0       %100         24       M91       Z      346      346       0       %100         25       M25       X       0       0       0       %100         26       M25       Z       0       0       0       %100         27       M26       X       1.471       1.471       0       %100         28       M26       Z      849      849       0       %100         29       M27       X       1.471       1.471       0       %100         30       M27       Z      849      849       0       %100         31       M28       X       2.303       2.303       0       %100         32       M28       Z       -1.329       -1.329       0       %100	18	M80	Z	-1.385		0	%100
20       M84       Z      981      981       0       %100         21       M85       X       .575       .575       0       %100         22       M85       Z      332      332       0       %100         23       M91       X       .6       .6       0       %100         24       M91       Z      346      346       0       %100         25       M25       X       0       0       0       %100         26       M25       Z       0       0       0       %100         27       M26       X       1.471       1.471       0       %100         28       M26       Z      849      849       0       %100         29       M27       X       1.471       1.471       0       %100         30       M27       Z      849      849       0       %100         31       M28       X       2.303       2.303       0       %100         32       M28       Z       -1.329       -1.329       0       %100	19	M84	X	1.698	1.698	0	%100
21       M85       X       .575       .575       0       %100         22       M85       Z      332      332       0       %100         23       M91       X       .6       .6       0       %100         24       M91       Z      346      346       0       %100         25       M25       X       0       0       0       %100         26       M25       Z       0       0       0       %100         27       M26       X       1.471       1.471       0       %100         28       M26       Z      849      849       0       %100         29       M27       X       1.471       1.471       0       %100         30       M27       Z      849      849       0       %100         31       M28       X       2.303       2.303       0       %100         32       M28       Z       -1.329       -1.329       0       %100	20	M84	Z	981	981	0	%100
22       M85       Z      332      332       0       %100         23       M91       X       .6       .6       0       %100         24       M91       Z      346      346       0       %100         25       M25       X       0       0       0       %100         26       M25       Z       0       0       0       %100         27       M26       X       1.471       1.471       0       %100         28       M26       Z      849      849       0       %100         29       M27       X       1.471       1.471       0       %100         30       M27       Z      849      849       0       %100         31       M28       X       2.303       2.303       0       %100         32       M28       Z       -1.329       -1.329       0       %100	21	M85	X		.575	0	%100
24       M91       Z       -,346       -,346       0       %100         25       M25       X       0       0       0       %100         26       M25       Z       0       0       0       %100         27       M26       X       1,471       1,471       0       %100         28       M26       Z       -,849       -,849       0       %100         29       M27       X       1,471       1,471       0       %100         30       M27       Z       -,849       -,849       0       %100         31       M28       X       2,303       2,303       0       %100         32       M28       Z       -1,329       -1,329       0       %100	22	M85	Ζ	332	332	0	%100
24       M91       Z       -,346       -,346       0       %100         25       M25       X       0       0       0       %100         26       M25       Z       0       0       0       %100         27       M26       X       1,471       1,471       0       %100         28       M26       Z       -,849       -,849       0       %100         29       M27       X       1,471       1,471       0       %100         30       M27       Z       -,849       -,849       0       %100         31       M28       X       2,303       2,303       0       %100         32       M28       Z       -1,329       -1,329       0       %100	23	M91	X	.6	.6	0	%100
26         M25         Z         0         0         0         %100           27         M26         X         1.471         1.471         0         %100           28         M26         Z        849        849         0         %100           29         M27         X         1.471         1.471         0         %100           30         M27         Z        849        849         0         %100           31         M28         X         2.303         2.303         0         %100           32         M28         Z         -1.329         -1.329         0         %100	24	M91	Ζ	346	346	0	
26         M25         Z         0         0         0         %100           27         M26         X         1.471         1.471         0         %100           28         M26         Z        849        849         0         %100           29         M27         X         1.471         1.471         0         %100           30         M27         Z        849        849         0         %100           31         M28         X         2.303         2.303         0         %100           32         M28         Z         -1.329         -1.329         0         %100	25	M25	Х	0	0	0	%100
27     M26     X     1.471     1.471     0     %100       28     M26     Z    849    849     0     %100       29     M27     X     1.471     1.471     0     %100       30     M27     Z    849    849     0     %100       31     M28     X     2.303     2.303     0     %100       32     M28     Z     -1.329     -1.329     0     %100	26	M25		0	0	0	%100
28     M26     Z    849    849     0     %100       29     M27     X     1.471     1.471     0     %100       30     M27     Z    849    849     0     %100       31     M28     X     2.303     2.303     0     %100       32     M28     Z     -1.329     -1.329     0     %100		M26	X	1.471	1.471	0	
30         M27         Z        849         0         %100           31         M28         X         2.303         2.303         0         %100           32         M28         Z         -1.329         -1.329         0         %100	28	M26		849	849	0	%100
30         M27         Z        849         0         %100           31         M28         X         2.303         2.303         0         %100           32         M28         Z         -1.329         -1.329         0         %100	29	M27	Х	1.471	1.471	0	%100
31         M28         X         2.303         2.303         0         %100           32         M28         Z         -1.329         -1.329         0         %100		M27					
32 M28 Z -1.329 -1.329 0 %100						0	

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

	Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
34	M31	Z	207	207	0	%100
35	M32	X	.359	.359	0	%100
36	M32	Z	207	207	0	%100
37	M36	X	0	0	0	%100
38	M36	Z	0	0	0	%100
39	M37	X	.575	.575	0	%100
40	M37	Z	332	332	0	%100
41	M39	X	.6	.6	0	%100
42	M39	Z	346	346	0	%100
43	M41	X	0	0	0	%100
44	M41	Z	0	0	0	%100
45	M42	X	.575	.575	0	%100
46	M42	Z	332	332	0	%100
47	M44	X	.6	.6	0	%100
48	M44	Z	346	346	0	%100
49	M49	X	1.415	1.415	0	%100
50	M49	Z	817	817	0	%100
51	M50A	X	.368	.368	0	%100
52	M50A	Z	212	212	0	%100
53	M51C	X	.368	.368	0	%100
54	M51C	Z	212	212	0	%100
55	M52A	Х	.576	.576	0	%100
56	M52A	Z	332	332	0	%100
57	M55	Х	.359	.359	0	%100
58	M55	Z	207	207	0	%100
59	M56	X	1.436	1.436	0	%100
60	M56	Z	829	829	0	%100
61	M60	X	1.698	1.698	0	%100
62	M60	Z	981	981	0	%100
63	M61	X	.575	.575	0	%100
64	M61	Ž	332	332	0	%100
65	M63	X	.6	.6	0	%100
66	M63	Ž	346	346	0	%100
67	M65	X	1.698	1.698	0	%100
68	M65	Ž	981	981	0	%100
69	M66	X	2.299	2.299	0	%100
70	M66	Z	-1.327	-1.327	0	%100
71	M68	X	2.399	2.399	0	%100
72	M68	Z	-1.385	-1.385	0	%100
73	M73	X	.447	.447	0	%100
74	M73	Z	258	258	0	%100
75	M74	X	1.787	1.787	0	%100
76	M74	Ž	-1.032	-1.032	0	%100
77	M75	X	.447	.447	0	%100
78	M75	Z	258	258	0	%100
79	MP1A	X	1.439	1.439	0	%100
80	MP1A	Ž	831	831	0	%100
81	MP2A	X	1.594	1.594	0	%100
82	MP2A	Z	92	92	0	%100
83	MP3A	X	1.439	1.439	0	%100
84	MP3A	Z	831	831	0	%100
85	MP4A	X	1.439	1.439	0	%100
86	MP4A	Z	831	831	0	%100 %100
87	M85A	X	1.185	1.185	0	%100 %100
88	M85A	Z	684	684	0	%100 %100
89	MP1C	X	1.439	1.439	0	%100 %100
90	MP1C	Z	831	831	0	%100 %100
30	IVII TO		001	001	U	70 100



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

	Member Label	Direction	Start Magnitude[lb/ft,	.End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
91	MP2C	X	1.594	1.594	0	%100
92	MP2C	Z	92	92	0	%100
93	MP3C	X	1.439	1.439	0	%100
94	MP3C	Z	831	831	0	%100
95	MP4C	X	1.439	1.439	0	%100
96	MP4C	Z	831	831	0	%100
97	MP1B	X	1.439	1.439	0	%100
98	MP1B	Ζ	831	831	0	%100
99	MP2B	X	1.594	1.594	0	%100
100	MP2B	Ζ	92	92	0	%100
101	MP3B	X	1.439	1.439	0	%100
102	MP3B	Ζ	831	831	0	%100
103	MP4B	X	1.439	1.439	0	%100
104	MP4B	Z	831	831	0	%100
105	M102	X	.398	.398	0	%100
106	M102	Z	23	23	0	%100
107	M108	X	.398	.398	0	%100
108	M108	Z	23	23	0	%100
109	M114	X	1.594	1.594	0	%100
110	M114	Z	92	92	0	%100
111	M125	X	1.718	1.718	0	%100
112	M125	Z	992	992	0	%100
113	M126	X	.429	.429	0	%100
114	M126	Z	248	248	0	%100
115	M127	X	.429	.429	0	%100
116	M127	Z	248	248	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	M4	X	2.178	2.178	0	%100
2	M4	Z	0	0	0	%100
3	M10	X	0	0	0	%100
4	M10	Ζ	0	0	0	%100
5	M43	X	0	0	0	%100
6	M43	Z	0	0	0	%100
7	M46	X	0	0	0	%100
8	M46	Z	0	0	0	%100
9	M51B	X	1.244	1.244	0	%100
10	M51B	Z	0	0	0	%100
11	M52B	X	1.244	1.244	0	%100
12	M52B	Z	0	0	0	%100
13	M76	X	2.615	2.615	0	%100
14	M76	Z	0	0	0	%100
15	M77	X	1.991	1.991	0	%100
16	M77	Z	0	0	0	%100
17	M80	X	2.078	2.078	0	%100
18	M80	Z	0	0	0	%100
19	M84	X	2.615	2.615	0	%100
20	M84	Z	0	0	0	%100
21	M85	X	1.991	1.991	0	%100
22	M85	Z	0	0	0	%100
23	M91	X	2.078	2.078	0	%100
24	M91	Z	0	0	0	%100
25	M25	X	.545	.545	0	%100
26	M25	Z	0	0	0	%100
27	M26	X	1.274	1.274	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
28	M26	Z	0	0	0	%100
29	M27	X	1.274	1.274	0	%100
30	M27	Z	0	0	0	%100
31	M28	X	1.994	1.994	0	%100
32	M28	Z	0	0	0	%100
33	M31	X	1.244	1.244	0	%100
34	M31	Z	0	0	0	%100
35	M32	X	0	0	0	%100
36	M32	Z	0	0	0	%100
37	M36	X	.654	.654	0	%100
38	M36	Z	0	0	0	%100
39	M37	X	1.991	1.991	0	%100
40	M37	Z	0	0	0	%100
41	M39	X	2.078	2.078	0	%100
42	M39	Z	0	0	0	%100
43	M41	X	.654	.654	0	%100
44	M41	Z	0	0	0	%100
45	M42	X	0	0	0	%100
46	M42	Z	0	0	0	%100
47	M44	X	0	0	0	%100
48	M44	Z	0	0	0	%100
49	M49	X	.545	.545	0	%100
50	M49	Z	0	0	0	%100
51	M50A	X	1.274	1.274	0	%100
52	M50A	Z	0	0	0	%100
53	M51C	X	1.274	1.274	0	%100
54	<u>M51C</u>	Z	0	0	0	%100
55	M52A	X	1.994	1.994	0	%100
56	M52A	Z	0	0	0	%100
57	<u>M55</u>	X	0	0	0	%100
58	M55	Z	0	0	0	%100
59	<u>M56</u>	X	1.244	1.244	0	%100
60	<u>M56</u>	Z	0	0	0	%100
61	M60	X	.654	.654	0	%100
62	M60	Z	0	0	0	%100 %100
63	M61	X	0	0	0	%100
64	M61	Z	0	0	0	%100 %400
65	M63	X Z	0	0	0	%100 %100
66	M63				0	%100 %100
67 68	M65 M65	X Z	.654 0	.654 0	0	%100 %100
69	M66	X	1.991	1.991	0	%100 %100
70	M66	Z	0	1.991	0	%100 %100
71	M68	X	2.078	2.078	0	%100 %100
72	M68	Z	0	0	0	%100 %100
73	M73	X	0	0	0	%100 %100
74	M73	Z	0	0	0	%100 %100
75	M74	X	1.547	1.547	0	%100 %100
76	M74	Z	0	0	0	%100 %100
77	M75	X	1.547	1.547	0	%100 %100
78	M75	Z	0	0	0	%100 %100
79	MP1A	X	1.662	1.662	0	%100 %100
80	MP1A	Z	0	0	0	%100 %100
81	MP2A	X	1.84	1.84	0	%100 %100
82	MP2A	Ž	0	0	0	%100 %100
83	MP3A	X	1.662	1.662	0	%100 %100
84	MP3A	Z	0	0	0	%100 %100
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## 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.%]
85	MP4A	X	1.662	1.662	0	%100
86	MP4A	Z	0	0	0	%100
87	M85A	X	1.368	1.368	0	%100
88	M85A	Z	0	0	0	%100
89	MP1C	X	1.662	1.662	0	%100
90	MP1C	Ζ	0	0	0	%100
91	MP2C	X	1.84	1.84	0	%100
92	MP2C	Ζ	0	0	0	%100
93	MP3C	X	1.662	1.662	0	%100
94	MP3C	Ζ	0	0	0	%100
95	MP4C	X	1.662	1.662	0	%100
96	MP4C	Ζ	0	0	0	%100
97	MP1B	X	1.662	1.662	0	%100
98	MP1B	Ζ	0	0	0	%100
99	MP2B	X	1.84	1.84	0	%100
100	MP2B	Ζ	0	0	0	%100
101	MP3B	Х	1.662	1.662	0	%100
102	MP3B	Ζ	0	0	0	%100
103	MP4B	X	1.662	1.662	0	%100
104	MP4B	Ζ	0	0	0	%100
105	M102	X	1.38	1.38	0	%100
106	M102	Ζ	0	0	0	%100
107	M108	X	0	0	0	%100
108	M108	Ζ	0	0	0	%100
109	M114	X	1.38	1.38	0	%100
110	M114	Z	0	0	0	%100
111	M125	X	1.488	1.488	0	%100
112	M125	Z	0	0	0	%100
113	M126	Х	1.488	1.488	0	%100
114	M126	Z	0	0	0	%100
115	M127	Х	0	0	0	%100
116	M127	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
1	M4	X	1.415	1.415	0	%100
2	M4	Z	.817	.817	0	%100
3	M10	X	.368	.368	0	%100
4	M10	Z	.212	.212	0	%100
5	M43	X	.368	.368	0	%100
6	M43	Z	.212	.212	0	%100
7	M46	X	.576	.576	0	%100
8	M46	Z	.332	.332	0	%100
9	M51B	X	.359	.359	0	%100
10	M51B	Ζ	.207	.207	0	%100
11	M52B	X	1.436	1.436	0	%100
12	M52B	Z	.829	.829	0	%100
13	M76	X	1.698	1.698	0	%100
14	M76	Z	.981	.981	0	%100
15	M77	Χ	.575	.575	0	%100
16	M77	Z	.332	.332	0	%100
17	M80	X	.6	.6	0	%100
18	M80	Z	.346	.346	0	%100
19	M84	X	1.698	1.698	0	%100
20	M84	Z	.981	.981	0	%100
21	M85	X	2.299	2.299	0	%100

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

	Member Label	Direction		End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft.%]
22	M85	Z	1.327	1.327	0	%100
23	M91	X	2.399	2.399	0	%100
24	M91	Z	1.385	1.385	0	%100
25	M25	X	1.415	1.415	0	%100
26	M25	Z	.817	.817	0	%100
27	M26	X	.368	.368	0	%100
28	M26	Z	.212	.212	0	%100
29	M27	X	.368	.368	0	%100
30	M27	Z	.212	.212	0	%100
31	M28	X	.576	.576	0	%100
32	M28	Z	.332	.332	0	%100
33	M31	X	1.436	1.436	0	%100
34	M31	Z	.829	.829	0	%100
35	M32	X	.359	.359	0	%100
36	M32	Z	.207	.207	0	%100
37	M36	X	1.698	1.698	0	%100
38	M36	Z	.981	.981	0	%100
39	M37	X	2.299	2.299	0	%100
40	M37	Z	1.327	1.327	0	%100
41	M39	X	2.399	2.399	0	%100
42	M39	Z	1.385	1.385	0	%100
43	M41	X	1.698	1.698	0	%100
44	M41	Z	.981	.981	0	%100
45	M42	X	.575	.575	0	%100
46	M42	Z	.332	.332	0	%100
47	M44	X	.6	.6	0	%100
48	M44	Z	.346	.346	0	%100
49	M49	X	0	0	0	%100
50	M49	Z	0	0	0	%100
51	M50A	X	1.471	1.471	0	%100
52	M50A	Z	.849	.849	0	%100
53	M51C	X	1.471	1.471	0	%100
54	M51C	Z	.849	.849	0	%100
55	M52A	X	2.303	2.303	0	%100
56	M52A	Z	1.329	1.329	0	%100
57	M55	X	.359	.359	0	%100
58	M55	Z	.207	.207	0	%100
59	M56	X	.359	.359	0	%100
60	M56	Z	.207	.207	0	%100
61	M60	X	0	0	0	%100
62	M60	Z	0	0	0	%100
63	M61	X	.575	.575	0	%100
64	M61	Z	.332	.332	0	%100
65	M63	X	.6	.6	0	%100
66	M63	Z	.346	.346	0	%100
67	M65	X	0	0	0	%100
68	M65	Z	0	0	0	%100
69	M66	X	.575	.575	0	%100
70	M66	Z	.332	.332	0	%100
71	M68	X	.6	.6	0	%100
72	M68	Z	.346	.346	0	%100
73	M73	X	.447	.447	0	%100
74	M73	Z	.258	.258	0	%100
75	M74	X	.447	.447	0	%100
76	M74	Z	.258	.258	0	%100
77	M75	X	1.787	1.787	0	%100
78	M75	Z	1.032	1.032	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,%]
79	MP1A	X	1.439	1.439	0	%100
80	MP1A	Z	.831	.831	0	%100
81	MP2A	X	1.594	1.594	0	%100
82	MP2A	Z	.92	.92	0	%100
83	MP3A	X	1.439	1.439	0	%100
84	MP3A	Ζ	.831	.831	0	%100
85	MP4A	X	1.439	1.439	0	%100
86	MP4A	Ζ	.831	.831	0	%100
87	M85A	X	1.185	1.185	0	%100
88	M85A	Ζ	.684	.684	0	%100
89	MP1C	X	1.439	1.439	0	%100
90	MP1C	Z	.831	.831	0	%100
91	MP2C	X	1.594	1.594	0	%100
92	MP2C	Ζ	.92	.92	0	%100
93	MP3C	X	1.439	1.439	0	%100
94	MP3C	Z	.831	.831	0	%100
95	MP4C	Х	1.439	1.439	0	%100
96	MP4C	Z	.831	.831	0	%100
97	MP1B	Х	1.439	1.439	0	%100
98	MP1B	Z	.831	.831	0	%100
99	MP2B	X	1.594	1.594	0	%100
100	MP2B	Z	.92	.92	0	%100
101	MP3B	X	1.439	1.439	0	%100
102	MP3B	Z	.831	.831	0	%100
103	MP4B	X	1.439	1.439	0	%100
104	MP4B	Z	.831	.831	0	%100
105	M102	X	1.594	1.594	0	%100
106	M102	Z	.92	.92	0	%100
107	M108	X	.398	.398	0	%100
108	M108	Z	.23	.23	0	%100
109	M114	X	.398	.398	0	%100
110	M114	Z	.23	.23	0	%100
111	M125	Х	.429	.429	0	%100
112	M125	Z	.248	.248	0	%100
113	M126	Х	1.718	1.718	0	%100
114	M126	Z	.992	.992	0	%100
115	M127	Х	.429	.429	0	%100
116	M127	Z	.248	.248	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	M4	X	.272	.272	0	%100
2	M4	Z	.472	.472	0	%100
3	M10	X	.637	.637	0	%100
4	M10	Z	1.103	1.103	0	%100
5	M43	X	.637	.637	0	%100
6	M43	Z	1.103	1.103	0	%100
7	M46	X	.997	.997	0	%100
8	M46	Z	1.727	1.727	0	%100
9	M51B	X	0	0	0	%100
10	M51B	Z	0	0	0	%100
11	M52B	X	.622	.622	0	%100
12	M52B	Ζ	1.077	1.077	0	%100
13	M76	X	.327	.327	0	%100
14	M76	Z	.566	.566	0	%100
15	M77	X	0	0	0	%100

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

	Member Label	Direction		.End Magnitude[lb/ft,F		End Location[ft,%]
16	M77	Z	0	0	0	%100
17	M80	X	0	0	0	%100
18	M80	Z	0	0	0	%100
19	M84	X	.327	.327	0	%100
20	M84	Z	.566	.566	0	%100
21	M85	X	.995	.995	0	%100
22	M85	Ζ	1.724	1.724	0	%100
23	M91	X	1.039	1.039	0	%100
24	M91	Z	1.8	1.8	0	%100
25	M25	X	1.089	1.089	0	%100
26	M25	Z	1.886	1.886	0	%100
27	M26	X	0	0	0	%100
28	M26	Z	0	0	0	%100
29	M27	X	0	0	0	%100
30	M27	Z	0	0	0	%100
31	M28	X	0	0	0	%100
32	M28	Z	0	0	0	%100
33	M31	X	.622	.622	0	%100
34	<u>M31</u>	Z	1.077	1.077	0	%100
35	M32	X	.622	.622	0	%100
36	M32	Z	1.077	1.077	0	%100
37	<u>M36</u>	X	1.307	1.307	0	%100
38	M36	Z	2.265	2.265	0	%100
39	<u>M37</u>	X	.995	.995	0	%100
40	M37	Z	1.724	1.724	0	%100
41	M39	X	1.039	1.039	0	%100
42	M39	Z	1.8	1.8	0	%100
43	M41	X	1.307	1.307	0	%100
44	M41	Z	2.265	2.265	0	%100
45	M42	X	.995	.995	0	%100
46	M42	Z	1.724	1.724	0	%100
47	M44	X	1.039	1.039	0	%100
48	M44	Z	1.8	1.8	0	%100
49	M49	X Z	.272	.272	0	%100 %100
50	M49		.472	.472 .637	0	%100 %100
51	M50A	X Z	.637		0	%100 %100
52	M50A		1.103 .637	1.103 .637	0	%100 %100
53	M51C M51C	Z Z	1.103		0	%100 %100
54 55		X	.997	1.103	0	
56	M52A M52A	Z	1.727	.997 1.727	0	%100 %100
57	M55	X	.622	.622	0	%100 %100
58	M55	Z	1.077	1.077	0	%100 %100
59	M56	X	0	0	0	%100 %100
60	M56	Z	0	0	0	%100 %100
61	M60	X	.327	.327	0	%100 %100
62	M60	Z	.566	.566	0	%100 %100
63	M61	X	.995	.995	0	%100 %100
64	M61	Ž	1.724	1.724	0	%100 %100
65	M63	X	1.039	1.039	0	%100 %100
66	M63	Ž	1.8	1.8	0	%100
67	M65	X	.327	.327	0	%100
68	M65	Ž	.566	.566	0	%100
69	M66	X	0	0	0	%100
70	M66	Z	0	0	0	%100
71	M68	X	0	0	0	%100
72	M68	Z	0	0	0	%100
		_		,	, , , , , , , , , , , , , , , , , , ,	,,,,,,,



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

	Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
73	M73	X	.774	.774	0	%100
74	M73	Ζ	1.34	1.34	0	%100
75	M74	X	0	0	0	%100
76	M74	Z	0	0	0	%100
77	M75	X	.774	.774	0	%100
78	M75	Z	1.34	1.34	0	%100
79	MP1A	X	.831	.831	0	%100
80	MP1A	Z	1.439	1.439	0	%100
81	MP2A	Х	.92	.92	0	%100
82	MP2A	Z	1.594	1.594	0	%100
83	MP3A	X	.831	.831	0	%100
84	MP3A	Z	1.439	1.439	0	%100
85	MP4A	X	.831	.831	0	%100
86	MP4A	Z	1.439	1.439	0	%100
87	M85A	X	.684	.684	0	%100
88	M85A	Z	1.185	1.185	0	%100
89	MP1C	X	.831	.831	0	%100
90	MP1C	Z	1.439	1.439	0	%100
91	MP2C	X	.92	.92	0	%100
92	MP2C	Z	1.594	1.594	0	%100
93	MP3C	X	.831	.831	0	%100
94	MP3C	Z	1.439	1.439	0	%100
95	MP4C	X	.831	.831	0	%100
96	MP4C	Z	1.439	1.439	0	%100
97	MP1B	X	.831	.831	0	%100
98	MP1B	Z	1.439	1.439	0	%100
99	MP2B	X	.92	.92	0	%100
100	MP2B	Z	1.594	1.594	0	%100
101	MP3B	X	.831	.831	0	%100
102	MP3B	Z	1.439	1.439	0	%100
103	MP4B	X	.831	.831	0	%100
104	MP4B	Z	1.439	1.439	0	%100
105	M102	X	.69	.69	0	%100
106	M102	Z	1.195	1.195	0	%100
107	M108	X	.69	.69	0	%100
108	M108	Z	1.195	1.195	0	%100
109	M114	X	0	0	0	%100
110	M114	Z	0	0	0	%100
111	M125	X	0	0	0	%100
112	M125	Ž	0	0	0	%100
113	M126	Х	.744	.744	0	%100
114	M126	Z	1.288	1.288	0	%100
115	M127	X	.744	.744	0	%100
116	M127	Z	1.288	1.288	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,	.End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
1	M4	X	0	0	0	%100
2	M4	Z	0	0	0	%100
3	M10	X	0	0	0	%100
4	M10	Ζ	1.699	1.699	0	%100
5	M43	Χ	0	0	0	%100
6	M43	Ζ	1.699	1.699	0	%100
7	M46	X	0	0	0	%100
8	M46	Z	2.659	2.659	0	%100
9	M51B	X	0	0	0	%100

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

112   MS2B		Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
12	10	M51B		.415	.415	0	%100
13		M52B	X				
14	12			.415	.415	0	
15	13						
16				0		0	
17	15	M77				0	%100
18	16	M77		.664	.664	0	%100
19	17	M80	X			0	%100
20	18	M80		.693	.693	0	%100
21	19	M84		0	0	0	
22	20	M84	Z	0	0	0	%100
23	21	M85	X	0	0	0	%100
24         M91         Z         693         693         0         %100           26         M25         Z         1,634         1,634         0         %100           27         M26         X         0         0         0         %100           28         M26         Z         425         0         %100           29         M27         X         0         0         0         %100           30         M27         Z         425         0         %100           31         M28         X         0         0         0         %100           31         M28         X         0         0         0         %100           32         M28         Z         665         665         0         %100           33         M31         X         0         0         0         %100           34         M31         Z         415         415         0         %100           35         M32         X         0         0         0         %100           36         M32         Z         1,659         1,659         0         %100 </td <td>22</td> <td>M85</td> <td>Z</td> <td>.664</td> <td>.664</td> <td>0</td> <td>%100</td>	22	M85	Z	.664	.664	0	%100
25	23	M91	X	0	0	0	%100
26	24	M91	Z	.693	.693	0	%100
26	25	M25	X	0	0	0	%100
28         M26         Z         425         425         0         %100           30         M27         Z         425         .425         0         %100           31         M28         X         0         0         0         %100           32         M28         Z         6665         .665         0         %100           33         M31         X         0         0         0         %100           34         M31         Z         .415         .415         0         %100           34         M31         Z         .415         .415         0         %100           35         M32         X         0         0         0         %100           36         M32         Z         1.659         1.659         0         %100           38         M36         X         0         0         0         %100           38         M36         Z         1.961         1.961         0         %100           40         M37         X         0         0         0         %100           41         M39         X         0         0 <td>26</td> <td>M25</td> <td>Z</td> <td>1.634</td> <td>1.634</td> <td>0</td> <td>%100</td>	26	M25	Z	1.634	1.634	0	%100
28         M26         Z         425         425         0         %100           30         M27         Z         425         .425         0         %100           31         M28         X         0         0         0         %100           32         M28         Z         6665         .665         0         %100           33         M31         X         0         0         0         %100           34         M31         Z         .415         .415         0         %100           34         M31         Z         .415         .415         0         %100           35         M32         X         0         0         0         %100           36         M32         Z         1.659         1.659         0         %100           38         M36         X         0         0         0         %100           38         M36         Z         1.961         1.961         0         %100           40         M37         X         0         0         0         %100           41         M39         X         0         0 <td>27</td> <td>M26</td> <td>X</td> <td>0</td> <td>0</td> <td>0</td> <td>%100</td>	27	M26	X	0	0	0	%100
30	28	M26	Z	.425	.425	0	%100
30	29	M27	X	0	0	0	%100
M28				.425	.425	0	
32		M28	X		0	0	
33         M31         X         0         0         %100           34         M31         Z         .415         .415         0         %100           35         M32         X         0         0         0         %100           36         M32         Z         1.659         1.659         0         %100           37         M36         X         0         0         0         %100           38         M36         Z         1.961         1.961         0         %100           39         M37         X         0         0         0         %100           40         M37         Z         .664         .664         .0         %100           41         M39         X         0         0         0         %100           42         M39         Z         .693         .693         0         %100           43         M41         X         0         0         0         %100           45         M42         X         0         0         0         %100           46         M42         Z         2.654         2.654         0 <td></td> <td></td> <td></td> <td>.665</td> <td>.665</td> <td></td> <td></td>				.665	.665		
34         M31         Z         .415         .415         0         %100           35         M32         X         0         0         0         %100           36         M32         Z         1.659         1.659         0         %100           37         M36         X         0         0         0         %100           38         M36         Z         1.961         1.961         0         %100           40         M37         X         0         0         0         %100           40         M37         Z         .664         .664         0         %100           41         M39         X         0         0         0         %100           41         M39         X         0         0         0         %100           43         M41         X         0         0         0         %100           44         M41         Z         1.961         1.961         0         %100           45         M42         X         0         0         0         %100           46         M42         Z         2.654         2.654 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>							
35				.415	.415		
36         M32         Z         1.659         1.659         0         %100           37         M36         X         0         0         0         %100           38         M36         Z         1.961         1.961         0         %100           39         M37         X         0         0         0         %100           40         M37         Z         .664         .664         0         %100           41         M39         X         0         0         0         %100           42         M39         Z         .693         .693         0         %100           43         M41         X         0         0         0         %100           44         M41         Z         1.961         1.961         0         %100           44         M41         Z         1.961         1.961         0         %100           45         M42         X         0         0         0         %100           47         M44         X         0         0         0         %100           48         M44         X         0         0 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>							
37         M36         X         0         0         %100           38         M36         Z         1.961         1.961         0         %100           39         M37         X         0         0         0         %100           40         M37         Z         .664         .664         0         %100           41         M39         X         0         0         0         %100           42         M39         Z         .693         .693         0         %100           43         M41         X         0         0         0         %100           43         M41         X         0         0         0         %100           44         M41         Z         1.961         1.961         0         %100           45         M42         X         0         0         0         %100         %100           46         M42         X         0         0         0         %100         %100           47         M44         X         0         0         0         %100         %100           48         M44         Z				1.659	1.659		
38         M36         Z         1.961         1.961         0         %100           39         M37         X         0         0         0         %100           40         M37         Z         664         664         0         %100           41         M39         X         0         0         0         %100           42         M39         Z         .693         .693         0         %100           43         M41         X         0         0         0         %100           44         M41         Z         1.961         1.961         0         %100           45         M42         X         0         0         0         %100           46         M42         Z         2.654         2.654         0         %100           48         M44         X         0         0         0         %100           49         M49         X         0         0         0         %100           50         M49         X         0         0         0         %100           51         M50A         X         0         0							
39			Z				
40         M37         Z         .664         .664         0         %100           41         M39         X         0         0         0         %100           42         M39         Z         .693         .693         0         %100           43         M41         X         0         0         0         %100           44         M41         Z         1.961         1.961         0         %100           45         M42         X         0         0         0         %100           46         M42         X         0         0         0         %100           47         M44         X         0         0         0         %100           47         M44         X         0         0         0         %100           48         M44         Z         2.771         2.771         0         %100           49         M49         X         0         0         0         %100           50         M49         Z         1.634         1.634         0         %100           51         M50A         X         0         0			X			0	
41         M39         X         0         0         %100           42         M39         Z         693         .693         0         %100           43         M41         X         0         0         0         %100           44         M41         Z         1.961         1.961         0         %100           45         M42         X         0         0         0         %100           46         M42         Z         2.654         2.654         0         %100           47         M44         X         0         0         0         %100           48         M44         X         0         0         0         %100           49         M49         X         0         0         0         %100           50         M49         Z         1.634         1.634         0         %100           51         M50A         X         0         0         0         %100           52         M50A         X         0         0         %100           53         M51C         X         0         0         0         %100 </td <td></td> <td></td> <td></td> <td>.664</td> <td></td> <td></td> <td></td>				.664			
42         M39         Z         .693         .693         0         %100           43         M41         X         0         0         0         %100           44         M41         Z         1.961         1.961         0         %100           45         M42         X         0         0         0         %100           46         M42         Z         2.654         2.654         0         %100           47         M44         X         0         0         0         %100           48         M44         X         0         0         0         %100           49         M49         X         0         0         0         %100           50         M49         Z         1.634         1.634         0         %100           51         M50A         X         0         0         0         %100           52         M50A         Z         .425         .425         0         %100           53         M51C         X         0         0         0         %100           54         M51C         Z         .425         .425<	$\overline{}$		X			0	
43         M41         X         0         0         %100           44         M41         Z         1,961         1,961         0         %100           45         M42         X         0         0         0         %100           46         M42         Z         2,654         2,654         0         %100           47         M44         X         0         0         0         %100           48         M44         Z         2,771         2,771         0         %100           49         M49         X         0         0         0         %100           50         M49         Z         1,634         1,634         0         %100           51         M50A         X         0         0         0         %100           51         M50A         X         0         0         0         %100           52         M50A         Z         .425         .425         0         %100           53         M51C         X         0         0         0         %100           54         M51C         Z         .425         .425 <td< td=""><td></td><td></td><td>Z</td><td>.693</td><td></td><td></td><td></td></td<>			Z	.693			
44         M41         Z         1.961         1.961         0         %100           45         M42         X         0         0         0         %100           46         M42         Z         2.654         2.654         0         %100           47         M44         X         0         0         0         %100           48         M44         Z         2.771         2.771         0         %100           49         M49         X         0         0         0         %100           50         M49         Z         1.634         1.634         0         %100           50         M49         Z         1.634         1.634         0         %100           51         M50A         X         0         0         0         %100           51         M50A         X         0         0         0         %100           52         M50A         Z         .425         .425         0         %100           53         M51C         X         0         0         0         %100           54         M51C         X         0         <							
45         M42         X         0         0         %100           46         M42         Z         2.654         2.654         0         %100           47         M44         X         0         0         0         %100           48         M44         Z         2.771         2.771         0         %100           49         M49         X         0         0         0         %100           50         M49         Z         1.634         1.634         0         %100           50         M49         Z         1.634         1.634         0         %100           51         M50A         X         0         0         0         %100           52         M50A         X         0         0         0         %100           52         M50A         Z         .425         .425         0         %100           54         M51C         X         0         0         0         %100           54         M51C         Z         .425         0         %100           55         M52A         X         0         0         0         %				1.961	1.961		
46         M42         Z         2.654         2.654         0         %100           47         M44         X         0         0         0         %100           48         M44         Z         2.771         2.771         0         %100           49         M49         X         0         0         0         %100           50         M49         Z         1.634         1.634         0         %100           51         M50A         X         0         0         0         %100           52         M50A         Z         .425         .425         0         %100           52         M50A         Z         .425         .425         0         %100           53         M51C         X         0         0         0         %100           54         M51C         Z         .425         .425         0         %100           55         M52A         X         0         0         0         %100           56         M52A         Z         .665         .665         0         %100           58         M55         X         0							
47         M44         X         0         0         %100           48         M44         Z         2.771         2.771         0         %100           49         M49         X         0         0         0         %100           50         M49         Z         1.634         1.634         0         %100           51         M50A         X         0         0         0         %100           52         M50A         Z         .425         .425         0         %100           52         M50A         Z         .425         .425         0         %100           53         M51C         X         0         0         0         %100           54         M51C         X         0         0         0         %100           54         M51C         X         0         0         0         %100           55         M52A         X         0         0         0         %100           56         M52A         Z         .665         .665         0         %100           57         M55         X         0         0         0				2.654	2.654		
48         M44         Z         2.771         2.771         0         %100           49         M49         X         0         0         0         %100           50         M49         Z         1.634         1.634         0         %100           51         M50A         X         0         0         0         %100           52         M50A         Z         .425         .425         0         %100           53         M51C         X         0         0         0         %100           54         M51C         X         0         0         0         %100           54         M51C         X         0         0         0         %100           55         M52A         X         0         0         0         %100           56         M52A         X         0         0         0         %100           57         M55         X         0         0         0         %100           58         M55         Z         1.659         1.659         0         %100           59         M56         X         0         0							
49         M49         X         0         0         0         %100           50         M49         Z         1.634         1.634         0         %100           51         M50A         X         0         0         0         %100           52         M50A         Z         .425         .425         0         %100           53         M51C         X         0         0         0         %100           54         M51C         Z         .425         .425         0         %100           54         M51C         Z         .425         .425         0         %100           55         M52A         X         0         0         0         %100           56         M52A         Z         .665         .665         0         %100           57         M55         X         0         0         0         %100           58         M55         Z         1.659         1.659         0         %100           59         M56         X         0         0         0         %100           60         M56         Z         .415 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>							
50         M49         Z         1.634         1.634         0         %100           51         M50A         X         0         0         0         %100           52         M50A         Z         .425         .425         0         %100           53         M51C         X         0         0         0         %100           54         M51C         Z         .425         .425         0         %100           55         M52A         X         0         0         0         %100           56         M52A         Z         .665         .665         0         %100           57         M55         X         0         0         0         %100           58         M55         Z         1.659         1.659         0         %100           59         M56         X         0         0         0         %100           61         M60         X         0         0         0         %100           62         M60         Z         1.961         1.961         0         %100           64         M61         X         0							
51         M50A         X         0         0         %100           52         M50A         Z         .425         .425         0         %100           53         M51C         X         0         0         0         %100           54         M51C         Z         .425         .425         0         %100           55         M52A         X         0         0         0         %100           56         M52A         Z         .665         .665         0         %100           57         M55         X         0         0         0         %100           58         M55         Z         1.659         1.659         0         %100           59         M56         X         0         0         0         %100           60         M56         Z         .415         .415         0         %100           61         M60         X         0         0         0         %100           62         M60         Z         1.961         1.961         0         %100           63         M61         X         0         0         0<							
52         M50A         Z         .425         .425         0         %100           53         M51C         X         0         0         0         %100           54         M51C         Z         .425         .425         0         %100           55         M52A         X         0         0         0         %100           56         M52A         Z         .665         .665         0         %100           57         M55         X         0         0         0         %100           58         M55         Z         1.659         1.659         0         %100           59         M56         X         0         0         0         %100           60         M56         Z         .415         .415         0         %100           61         M60         X         0         0         0         %100           62         M60         Z         1.961         1.961         0         %100           63         M61         X         0         0         0         %100           64         M61         Z         2.654 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>							
53         M51C         X         0         0         %100           54         M51C         Z         .425         .425         0         %100           55         M52A         X         0         0         0         %100           56         M52A         Z         .665         .665         0         %100           57         M55         X         0         0         0         %100           58         M55         Z         1.659         1.659         0         %100           59         M56         X         0         0         0         %100           60         M56         Z         .415         .415         0         %100           61         M60         X         0         0         0         %100           62         M60         Z         1.961         1.961         0         %100           63         M61         X         0         0         0         %100           64         M61         Z         2.654         2.654         0         %100           65         M63         X         0         0         0<				.425	.425		
54         M51C         Z         .425         .425         0         %100           55         M52A         X         0         0         0         %100           56         M52A         Z         .665         .665         0         %100           57         M55         X         0         0         0         %100           58         M55         Z         1.659         1.659         0         %100           59         M56         X         0         0         0         %100           60         M56         Z         .415         .415         0         %100           61         M60         X         0         0         0         %100           62         M60         Z         1.961         1.961         0         %100           63         M61         X         0         0         0         %100           64         M61         Z         2.654         2.654         0         %100           65         M63         X         0         0         0         %100							
55         M52A         X         0         0         0         %100           56         M52A         Z         .665         .665         0         %100           57         M55         X         0         0         0         %100           58         M55         Z         1.659         1.659         0         %100           59         M56         X         0         0         0         %100           60         M56         Z         .415         .415         0         %100           61         M60         X         0         0         0         %100           62         M60         Z         1.961         1.961         0         %100           63         M61         X         0         0         0         %100           64         M61         Z         2.654         2.654         0         %100           65         M63         X         0         0         0         %100			Z				
56         M52A         Z         .665         .665         0         %100           57         M55         X         0         0         0         %100           58         M55         Z         1.659         1.659         0         %100           59         M56         X         0         0         0         %100           60         M56         Z         .415         .415         0         %100           61         M60         X         0         0         0         %100           62         M60         Z         1.961         1.961         0         %100           63         M61         X         0         0         0         %100           64         M61         Z         2.654         2.654         0         %100           65         M63         X         0         0         0         %100							
57         M55         X         0         0         0         %100           58         M55         Z         1.659         1.659         0         %100           59         M56         X         0         0         0         %100           60         M56         Z         .415         .415         0         %100           61         M60         X         0         0         0         %100           62         M60         Z         1.961         1.961         0         %100           63         M61         X         0         0         0         %100           64         M61         Z         2.654         2.654         0         %100           65         M63         X         0         0         0         %100				.665			
58         M55         Z         1.659         0         %100           59         M56         X         0         0         0         %100           60         M56         Z         .415         .415         0         %100           61         M60         X         0         0         0         %100           62         M60         Z         1.961         0         %100           63         M61         X         0         0         %100           64         M61         Z         2.654         2.654         0         %100           65         M63         X         0         0         %100			X				
59         M56         X         0         0         0         %100           60         M56         Z         .415         .415         0         %100           61         M60         X         0         0         0         %100           62         M60         Z         1.961         1.961         0         %100           63         M61         X         0         0         0         %100           64         M61         Z         2.654         2.654         0         %100           65         M63         X         0         0         0         %100			Z				
60         M56         Z         .415         .415         0         %100           61         M60         X         0         0         0         %100           62         M60         Z         1.961         1.961         0         %100           63         M61         X         0         0         0         %100           64         M61         Z         2.654         2.654         0         %100           65         M63         X         0         0         0         %100							
61     M60     X     0     0     0     %100       62     M60     Z     1.961     1.961     0     %100       63     M61     X     0     0     0     %100       64     M61     Z     2.654     2.654     0     %100       65     M63     X     0     0     0     %100			Z		.415		
62     M60     Z     1.961     0     %100       63     M61     X     0     0     0     %100       64     M61     Z     2.654     2.654     0     %100       65     M63     X     0     0     0     %100							
63         M61         X         0         0         0         %100           64         M61         Z         2.654         2.654         0         %100           65         M63         X         0         0         %100			Z				
64         M61         Z         2.654         2.654         0         %100           65         M63         X         0         0         0         %100			X				
65 M63 X 0 0 0 %100			Z				
	66	M63	Z	2.771	2.771	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,%]
67	M65	X	0	0	0	%100
68	M65	Z	1.961	1.961	0	%100
69	M66	X	0	0	0	%100
70	M66	Z	.664	.664	0	%100
71	M68	X	0	0	0	%100
72	M68	Z	.693	.693	0	%100
73	M73	X	0	0	0	%100
74	M73	Z	2.063	2.063	0	%100
75	M74	X	0	0	0	%100
76	M74	Z	.516	.516	0	%100
77	M75	X	0	0	0	%100
78	M75	Z	.516	.516	0	%100
79	MP1A	Х	0	0	0	%100
80	MP1A	Z	1.662	1.662	0	%100
81	MP2A	Х	0	0	0	%100
82	MP2A	Z	1.84	1.84	0	%100
83	MP3A	Х	0	0	0	%100
84	MP3A	Z	1.662	1.662	0	%100
85	MP4A	X	0	0	0	%100
86	MP4A	Z	1.662	1.662	0	%100
87	M85A	X	0	0	0	%100
88	M85A	Z	1.368	1.368	0	%100
89	MP1C	X	0	0	0	%100
90	MP1C	Z	1.662	1.662	0	%100
91	MP2C	X	0	0	0	%100
92	MP2C	Z	1.84	1.84	0	%100
93	MP3C	X	0	0	0	%100
94	MP3C	Ž	1.662	1.662	0	%100
95	MP4C	X	0	0	0	%100
96	MP4C	Ž	1.662	1.662	0	%100
97	MP1B	X	0	0	0	%100
98	MP1B	Z	1.662	1.662	0	%100
99	MP2B	X	0	0	0	%100
100	MP2B	Ž	1.84	1.84	0	%100
101	MP3B	X	0	0	0	%100
102	MP3B	Ž	1.662	1.662	0	%100
103	MP4B	X	0	0	0	%100
104	MP4B	Ž	1.662	1.662	0	%100
105	M102	X	0	0	0	%100
106	M102	Ž	.46	.46	0	%100
107	M108	X	0	0	0	%100
108	M108	Z	1.84	1.84	0	%100
109	M114	X	0	0	0	%100
110	M114	Z	.46	.46	0	%100
111	M125	X	0	0	0	%100 %100
112	M125	Z	.496	.496	0	%100
113	M126	X	0	0	0	%100 %100
114	M126	Z	.496	.496	0	%100 %100
115	M127	X	0	0	0	%100 %100
116	M127	Z	1.984	1.984	0	%100 %100
110	IVI IZI		1.004	1.004		70100

#### 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	M4	X	272	272	0	%100
2	M4	Z	.472	.472	0	%100
3	M10	X	637	637	0	%100

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

	Member Label	Direction		.End Magnitude[lb/ft,F		End Location[ft,%]
4	M10	Z	1.103	1.103	0	%100
5	M43	X	637	637	0	%100
6	M43	Z	1.103	1.103	0	%100
7	M46	X	997	997	0	%100
8	M46	Z	1.727	1.727	0	%100
9	M51B	X	622	622	0	%100
10	M51B	Z	1.077	1.077	0	%100
11	M52B	Х	0	0	0	%100
12	M52B	Z	0	0	0	%100
13	M76	X	327	327	0	%100
14	M76	Z	.566	.566	0	%100
15	M77	X	995	995	0	%100
16	M77	Ζ	1.724	1.724	0	%100
17	M80	X	-1.039	-1.039	0	%100
18	M80	Ζ	1.8	1.8	0	%100
19	M84	X	327	327	0	%100
20	M84	Ζ	.566	.566	0	%100
21	M85	X	0	0	0	%100
22	M85	Z	0	0	0	%100
23	M91	X	0	0	0	%100
24	M91	Z	0	0	0	%100
25	M25	X	272	272	0	%100
26	M25	Z	.472	.472	0	%100
27	M26	X	637	637	0	%100
28	M26	Z	1.103	1.103	0	%100
29	M27	X	637	637	0	%100
30	M27	Z	1.103	1.103	0	%100
31	M28	X	997	997	0	%100
32	M28	Z	1.727	1.727	0	%100
33	M31	X	0	0	0	%100
34	M31	Z	0	0	0	%100
35	M32	X	622	622	0	%100
36	M32	Z	1.077	1.077	0	%100
37	M36	X	327	327	0	%100
38	M36	Z	.566	.566	0	%100
39	M37	X	0	0	0	%100
40	M37	Z	0	0	0	%100
41	M39	X	0	0	0	%100
42	M39	Z	0	0	0	%100
43	M41	X	327	327	0	%100
44	M41	Z	.566	.566	0	%100
45	M42	X	995	995	0	%100
46	M42	Z	1.724	1.724	0	%100
47	M44	X	-1.039	-1.039	0	%100
48	M44	Z	1.8	1.8	0	%100
49	M49	X	-1.089	-1.089	0	%100
50	M49	Z	1.886	1.886	0	%100
51	M50A	X	0	0	0	%100
52	M50A	Z	0	0	0	%100 %100
53	M51C	X	0	0	0	%100 %100
54	M51C	Z	0	0	0	%100
55	M52A	X	0	0	0	%100 %100
56	M52A	Z	0	0	0	%100 %100
57	M55	X Z	622	622 1.077	0	%100 %100
58	M55		1.077		0	%100 %100
59	M56	X Z	622	622	0	%100 %100
60	M56	Z	1.077	1.077	0	%100

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

	bei Distributed Loa					
	Member Label	Direction		End Magnitude[lb/ft.F		End Location[ft,%]
61	M60	X Z	-1.307	-1.307	0	%100
62	M60		2.265	2.265	0	%100
63	M61	X	995	995	0	%100
64	M61	Z	1.724	1.724	0	%100
65	M63	X	-1.039	-1.039	0	%100
66	M63	Z	1.8	1.8	0	%100
67	M65	X	-1.307	-1.307	0	%100
68	M65	Z	2.265	2.265	0	%100
69	M66	X	995	995	0	%100
70	M66	Z	1.724	1.724	0	%100
71	M68	X	-1.039	-1.039	0	%100
72	M68	Z	1.8	1.8	0	%100
73	M73	X	774	774	0	%100
74	M73	Z	1.34	1.34	0	%100
75	M74	X	774	774	0	%100
76	M74	Z	1.34	1.34	0	%100
77	M75	X	0	0	0	%100
78	M75	Z	0	0	0	%100
79	MP1A	X	831	831	0	%100
80	MP1A	Z	1.439	1.439	0	%100
81	MP2A	X	92	92	0	%100
82	MP2A	Z	1.594	1.594	0	%100
83	MP3A	X	831	831	0	%100
84	MP3A	Z	1.439	1.439	0	%100
85	MP4A	X	831	831	0	%100
86	MP4A	Z	1.439	1.439	0	%100
87	M85A	X	684	684	0	%100
88	M85A	Z	1.185	1.185	0	%100
89	MP1C	X	831	831	0	%100
90	MP1C	Z	1.439	1.439	0	%100
91	MP2C	X	92	92	0	%100
92	MP2C	Z	1.594	1.594	0	%100
93	MP3C	X	831	831	0	%100
94	MP3C	Z	1.439	1.439	0	%100
95	MP4C	X	831	831	0	%100
96	MP4C	Z	1.439	1.439	0	%100
97	MP1B	X	831	831	0	%100 %100
98	MP1B	Z	1.439	1.439	0	%100 %100
99	MP2B MP2B	X	92 1.594	92 1.594	0	%100 %100
100		Z				%100 %100
101	MP3B MP3B	X Z	831 1.439	831 1.439	0	%100 %100
102	MP3B MP4B	X	831	831	0	%100 %100
103	MP4B MP4B	Z	1.439	1.439	0	%100 %100
104	M102					%100 %100
106	M102	X Z	0	0	0	%100 %100
107	M108	X	69	69	0	%100 %100
107	M108	Z	1.195	1.195	0	%100 %100
108	M114	X	69	69	0	%100 %100
110	M114 M114	Z	1.195	1.195	0	%100 %100
111	M125	X	744	744	0	%100 %100
112	M125	Z	1.288	1.288	0	%100 %100
113	M126	X	0	0	0	%100 %100
114	M126	Z	0	0	0	%100 %100
115	M127		744	744	0	%100 %100
116	M127	Z	1.288	1.288	0	%100 %100
110	IVI I Z I		1.200	1.200	U	/6 100

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

	Member Label	Direction		End Magnitude[lb/ft,F	Start Location[ft %]	End Location[ft,%]
1	M4	X	-1.415	-1.415	0	%100
2	M4	Z	.817	.817	0	%100
3	M10	X	368	368	0	%100
4	M10	Z	.212	.212	0	%100
5	M43	X	368	368	0	%100
6	M43	Z	.212	.212	0	%100
7	M46	X	576	576	0	%100
8	M46	Z	.332	.332	0	%100
9	M51B	X	-1.436	-1.436	0	%100
10	M51B	Z	.829	.829	0	%100
11	M52B	X	359	359	0	%100
12	M52B	Ζ	.207	.207	0	%100
13	M76	X	-1.698	-1.698	0	%100
14	M76	Ζ	.981	.981	0	%100
15	M77	X	-2.299	-2.299	0	%100
16	M77	Ζ	1.327	1.327	0	%100
17	M80	Χ	-2.399	-2.399	0	%100
18	M80	Ζ	1.385	1.385	0	%100
19	M84	X	-1.698	-1.698	0	%100
20	M84	Z	.981	.981	0	%100
21	M85	X	575	575	0	%100
22	M85	Z	.332	.332	0	%100
23	M91	X	6	6	0	%100
24	M91	Z	.346	.346	0	%100
25	M25	X	0	0	0	%100
26	M25	Z	0	0	0	%100
27	M26	X	-1.471	-1.471	0	%100
28	M26	Z	.849	.849	0	%100
29	M27	X	-1.471	-1.471	0	%100
30	M27	Z	.849	.849	0	%100
31	M28	X	-2.303	-2.303	0	%100
32	M28	Z	1.329	1.329	0	%100
33	M31	X	359	359	0	%100
34	M31	Z	.207	.207	0	%100
35	M32	X	359	359	0	%100
36	M32	Z	.207	.207	0	%100
37	M36	X	0	0	0	%100
38	M36	Z	0	0	0	%100
39	M37	X	575	575	0	%100
40	M37	Z	.332	.332	0	%100 %400
41	M39	X	6	6	0	%100 %100
42	M39	Z	.346	.346	0	%100 %100
43	M41	X	0	0	0	%100 %100
44	M41	Z	0	0	0	%100 %100
45	M42	X Z	575	575 .332	0	%100 %100
46	M42		.332		0	%100 %100
47	M44	X	6	6	0	%100 %100
48	M44	Z	.346	.346	0	%100 %100
49	M49	X Z	-1.415 .817	-1.415 .817	0	%100 %100
<u>50</u> 51	M49 M50A	X	368	368	0	%100 %100
52	M50A	Z	.212	368	0	%100 %100
53	M50A M51C	X	368	368	0	%100 %100
54	M51C	Z	.212	.212	0	%100 %100
55	M52A	X	576	576	0	%100 %100
56	M52A	Ž	.332	.332	0	%100 %100
57	M55	X	359	359	0	%100 %100
IJ/	IVIOU		<u>558</u>	558	U	/0100

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

	Member Label	Direction		.End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
58	M55	Z	.207	.207	0	%100
59	M56	X	-1.436	-1.436	0	%100
60	M56	Z	.829	.829	0	%100
61	M60	X	-1.698	-1.698	0	%100
62	M60	Z	.981	.981	0	%100
63	M61	X	575	575	0	%100
64	M61	Z	.332	.332	0	%100
65	M63	X	6	6	0	%100
66	M63	Z	.346	.346	0	%100
67	M65	X	-1.698	-1.698	0	%100
68	M65	Z	.981	.981	0	%100
69	M66	X	-2.299	-2.299	0	%100
70	M66	Z	1.327	1.327	0	%100
71	M68	X	-2.399	-2.399	0	%100
72	M68	Z	1.385	1.385	0	%100
73	M73	X	447	447	0	%100
74	<u>M73</u>	Z	.258	.258	0	%100
75	M74	X	-1.787	-1.787	0	%100
76	M74	Z	1.032	1.032	0	%100
77	M75	X	447	447	0	%100
78	M75	Z	.258	.258	0	%100
79	MP1A	X	-1.439	-1.439	0	%100
80	MP1A	Z	.831	.831	0	%100
81	MP2A	X	-1.594	-1.594	0	%100
82	MP2A	Z	.92	.92	0	%100
83	MP3A	X	-1.439	-1.439	0	%100
84	MP3A	Z	.831	.831	0	%100
85	MP4A	X	-1.439	-1.439	0	%100
86	MP4A	Z	.831	.831	0	%100
87	M85A	X	-1.185	-1.185	0	%100
88	M85A	Z	.684	.684	0	%100
89	MP1C	X	-1.439	-1.439	0	%100
90	MP1C	Z	.831	.831	0	%100
91	MP2C	X	-1.594	-1.594	0	%100 %100
92	MP2C	Z	.92	.92	0	%100 %100
93	MP3C	X	-1.439	-1.439	0	%100
94	MP3C	Z	.831	.831	0	%100 %400
95	MP4C	X Z	-1.439	-1.439	0	%100 %100
96	MP4C		.831	.831	0	%100 %100
97	MP1B MP1B	X	-1.439 .831	-1.439 .831	0	%100 %100
98 99	MP2B	Z		-1.594	0	%100 %100
100	MP2B	X Z	-1.594 .92	-1.594 .92	0	%100 %100
101	MP3B	X	-1.439	-1.439	0	%100 %100
102	MP3B	Z	.831	.831	0	%100 %100
103	MP4B	X	-1.439	-1.439	0	%100 %100
104	MP4B	Z	.831	.831	0	%100 %100
105	M102	X	398	398	0	%100 %100
106	M102	Z	.23	.23	0	%100 %100
107	M108	X	398	398	0	%100 %100
108	M108	Z	.23	.23	0	%100 %100
109	M114	X	-1.594	-1.594	0	%100 %100
110	M114	Z	.92	.92	0	%100 %100
111	M125	X	-1.718	-1.718	0	%100 %100
112	M125	Z	.992	.992	0	%100 %100
113	M126	X	429	429	0	%100 %100
114	M126	Z	.248	.248	0	%100 %100
117	IVITZU	_	.270	.240	V	70100



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

	Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
115	M127	X	429	429	0	%100
116	M127	Z	.248	.248	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	M4	X	-2.178	-2.178	0	%100
2	M4	Z	0	0	0	%100
3	M10	X	0	0	0	%100
4	M10	Z	0	0	0	%100
5	M43	X	0	0	0	%100
6	M43	Z	0	0	0	%100
7	M46	X	0	0	0	%100
8	M46	Z	0	0	0	%100
9	M51B	X	-1.244	-1.244	0	%100
10	M51B	Z	0	0	0	%100
11	M52B	X	-1.244	-1.244	0	%100
12	M52B	Ž	0	0	0	%100 %100
13	M76	X	-2.615	-2.615	0	%100 %100
14	M76	Z	0	0	0	%100 %100
15	M77	X	-1.991	-1.991	0	%100 %100
16	M77	Z	0	0	0	%100 %100
17	M80	X	-2.078	-2.078	0	%100 %100
18	M80	Z	0	-2.076	0	%100 %100
19	M84	X	-2.615	-2.615	0	%100 %100
20	M84	Ž	-2.013	-2.013	0	%100 %100
21	M85	X	-1.991	-1.991	0	%100 %100
22	M85	Z	-1.991	-1.991	0	%100 %100
23	M91	X	-2.078	-2.078	0	%100 %100
	M91	Ž	-2.078	-2.076	0	%100 %100
24			-			
25	M25	Z Z	545	545	0	%100 %100
26	M25	X	0	0	0	%100
27	M26	Z	-1.274 0	-1.274	0	%100
28	M26			0		%100 %100
29	M27	X Z	-1.274	-1.274	0	%100
30	M27		0	0	0	%100
31	M28	X Z	-1.994	-1.994	0	%100
32	M28		0	0	0	%100
33	M31	X	-1.244	-1.244	0	%100
34	M31	Z	0	0	0	%100
35	M32	X	0	0	0	%100
36	M32	Z	0	0	0	%100
37	M36	X	654	654	0	%100
38	M36	Z	0	0	0	%100
39	M37	X	-1.991	-1.991	0	%100
40	M37	Z	0	0	0	%100
41	M39	X	-2.078	-2.078	0	%100
42	M39	Z	0	0	0	%100
43	M41	X	654	654	0	%100
44	M41	Z	0	0	0	%100
45	M42	X	0	0	0	%100
46	M42	Z	0	0	0	%100
47	M44	X	0	0	0	%100
48	M44	Z	0	0	0	%100
49	M49	X	545	545	0	%100
50	M49	Z	0	0	0	%100
51	M50A	X	-1.274	-1.274	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.%]
52	M50A	Z	0	0	0	%100
53	M51C	X	-1.274	-1.274	0	%100
54	M51C	Z	0	0	0	%100
55	M52A	X	-1.994	-1.994	0	%100
56	M52A	Z	0	0	0	%100
57	M55	X	0	0	0	%100
58	M55	Z	0	0	0	%100
59	M56	X	-1.244	-1.244	0	%100
60	M56	Z	0	0	0	%100
61	M60	X	654	654	0	%100
62	M60	Z	0	0	0	%100
63	M61	X	0	0	0	%100
64	M61	Z	0	0	0	%100
65	M63	X	0	0	0	%100
66	M63	Z	0	0	0	%100
67	M65	X	654	654	0	%100
68	M65	Z	0	0	0	%100
69	M66	X	-1.991	-1.991	0	%100
70	M66	Z	0	0	0	%100
71	M68	X	-2.078	-2.078	0	%100
72	M68	Ζ	0	0	0	%100
73	M73	X	0	0	0	%100
74	M73	Ζ	0	0	0	%100
75	M74	X	-1.547	-1.547	0	%100
76	M74	Z	0	0	0	%100
77	M75	X	-1.547	-1.547	0	%100
78	M75	Z	0	0	0	%100
79	MP1A	Χ	-1.662	-1.662	0	%100
80	MP1A	Z	0	0	0	%100
81	MP2A	X	-1.84	-1.84	0	%100
82	MP2A	Ζ	0	0	0	%100
83	MP3A	X	-1.662	-1.662	0	%100
84	MP3A	Z	0	0	0	%100
85	MP4A	X	-1.662	-1.662	0	%100
86	MP4A	Z	0	0	0	%100
87	M85A	X	-1.368	-1.368	0	%100
88	M85A	Ζ	0	0	0	%100
89	MP1C	X	-1.662	-1.662	0	%100
90	MP1C	Ζ	0	0	0	%100
91	MP2C	X	-1.84	-1.84	0	%100
92	MP2C	Z	0	0	0	%100
93	MP3C	X	-1.662	-1.662	0	%100
94	MP3C	Ζ	0	0	0	%100
95	MP4C	X	-1.662	-1.662	0	%100
96	MP4C	Ζ	0	0	0	%100
97	MP1B	X	-1.662	-1.662	0	%100
98	MP1B	Ζ	0	0	0	%100
99	MP2B	X	-1.84	-1.84	0	%100
100	MP2B	Z	0	0	0	%100
101	MP3B	X	-1.662	-1.662	0	%100
102	MP3B	Z	0	0	0	%100
103	MP4B	Х	-1.662	-1.662	0	%100
104	MP4B	Z	0	0	0	%100
105	M102	X	-1.38	-1.38	0	%100
106	M102	Z	0	0	0	%100
107	M108	X	0	0	0	%100
108	M108	Z	0	0	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft,	.End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
109	M114	X	-1.38	-1.38	0	%100
110	M114	Z	0	0	0	%100
111	M125	X	-1.488	-1.488	0	%100
112	M125	Z	0	0	0	%100
113	M126	X	-1.488	-1.488	0	%100
114	M126	Ζ	0	0	0	%100
115	M127	X	0	0	0	%100
116	M127	Z	0	0	0	%100

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

	Member Label	Direction		End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
1	M4	X	-1.415	-1.415	0	%100
2	M4	Z	817	817	0	%100
3	M10	X	368	368	0	%100
4	M10	Z	212	212	0	%100
5	M43	X	368	368	0	%100
6	M43	Z	212	212	0	%100
7	M46	X	576	576	0	%100
8	M46	Z	332	332	0	%100
9	M51B	X	359	359	0	%100
10	M51B	Z	207	207	0	%100
11	M52B	X	-1.436	-1.436	0	%100
12	M52B	Z	829	829	0	%100
13	M76	X	-1.698	-1.698	0	%100
14	M76	Z	981	981	0	%100
15	M77	X	575	575	0	%100
16	M77	Z	332	332	0	%100
17	M80	X	6	6	0	%100
18	M80	Z	346	346	0	%100
19	M84	X	-1.698	-1.698	0	%100
20	M84	Z	981	981	0	%100
21	M85	X	-2.299	-2.299	0	%100
22	M85	Z	-1.327	-1.327	0	%100
23	M91	X	-2.399	-2.399	0	%100
24	M91	Z	-1.385	-1.385	0	%100
25	M25	X	-1.415	-1.415	0	%100
26	M25	Z	817	817	0	%100
27	M26	X	368	368	0	%100
28	M26	Z	212	212	0	%100
29	M27	X	368	368	0	%100
30	M27	Z	212	212	0	%100
31	M28	X	576	576	0	%100
32	M28	Z	332	332	0	%100
33	M31	X	-1.436	-1.436	0	%100
34	M31	Z	829	829	0	%100
35	M32	Х	359	359	0	%100
36	M32	Z	207	207	0	%100
37	M36	X	-1.698	-1.698	0	%100
38	M36	Z	981	981	0	%100
39	M37	X	-2.299	-2.299	0	%100
40	M37	Z	-1.327	-1.327	0	%100
41	M39	X	-2.399	-2.399	0	%100
42	M39	Z	-1.385	-1.385	0	%100
43	M41	X	-1.698	-1.698	0	%100
44	M41	Z	981	981	0	%100
45	M42	Х	575	575	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,%]
46	M42	Z	332	332	0	%100
47	M44	X	6	6	0	%100
48	M44	Z	346	346	0	%100
49	M49	X	0	0	0	%100
50	M49	Z	0	0	0	%100
51	M50A	X	-1.471	-1.471	0	%100
52	M50A	Z	849	849	0	%100
53	M51C	X	-1.471	-1.471	0	%100
54	M51C	Z	849	849	0	%100
55	M52A	X	-2.303	-2.303	0	%100
56	M52A	Z	-1.329	-1.329	0	%100
57	M55	X	359	359	0	%100
58	M55	Z	207	207	0	%100
59	M56	X	359	359	0	%100
60	M56	Z	207	207	0	%100
61	M60	X	0	0	0	%100
62	M60	Z	0	0	0	%100
63	M61	X	575	575	0	%100
64	M61	Z	332	332	0	%100
65	M63	X	6	6	0	%100
66	M63	Z	346	346	0	%100
67	M65	X	0	0	0	%100
68	M65	Z	0	0	0	%100
69	M66	X	575	575	0	%100
70	M66	Z	332	332	0	%100 %400
71	M68	X	6	6	0	%100
72	M68	Z	346	346	0	%100
73	M73	X	447	447	0	%100
74	M73	Z	258	258	0	%100 %400
75	M74	X Z	447 258	447 258	0	%100 %400
76 77	M74 M75	X			0	%100 %100
78	M75	Z	-1.787 -1.032	-1.787 -1.032	0	%100 %100
79	MP1A	X	-1.439		0	%100 %100
80	MP1A	Z	831	-1.439 831	0	%100 %100
81	MP2A	X	-1.594	-1.594	0	%100 %100
82	MP2A	Z	92	92	0	%100 %100
83	MP3A	X	-1.439	-1.439	0	%100 %100
84	MP3A	Z	831	831	0	%100 %100
85	MP4A	X	-1.439	-1.439	0	%100 %100
86	MP4A	Z	831	831	0	%100 %100
87	M85A	X	-1.185	-1.185	0	%100 %100
88	M85A	Z	684	684	0	%100
89	MP1C	X	-1.439	-1.439	0	%100
90	MP1C	Z	831	831	0	%100
91	MP2C	X	-1.594	-1.594	0	%100
92	MP2C	Z	92	92	0	%100
93	MP3C	X	-1.439	-1.439	0	%100
94	MP3C	Z	831	831	0	%100
95	MP4C	X	-1.439	-1.439	0	%100
96	MP4C	Ζ	831	831	0	%100
97	MP1B	X	-1.439	-1.439	0	%100
98	MP1B	Z	831	831	0	%100
99	MP2B	X	-1.594	-1.594	0	%100
100	MP2B	Z	92	92	0	%100
101	MP3B	X	-1.439	-1.439	0	%100
102	MP3B	Z	831	831	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,%]
103	MP4B	X	-1.439	-1.439	0	%100
104	MP4B	Z	831	831	0	%100
105	M102	X	-1.594	-1.594	0	%100
106	M102	Z	92	92	0	%100
107	M108	X	398	398	0	%100
108	M108	Z	23	23	0	%100
109	M114	X	398	398	0	%100
110	M114	Z	23	23	0	%100
111	M125	X	429	429	0	%100
112	M125	Z	248	248	0	%100
113	M126	X	-1.718	-1.718	0	%100
114	M126	Z	992	992	0	%100
115	M127	X	429	429	0	%100
116	M127	Z	248	248	0	%100

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

1         M4         X        272        272         0         %100           3         M10         X        637        637         0         %100           4         M10         Z         -1.103         -1.103         0         %100           5         M43         X        637         .637         0         %100           6         M43         Z         -1.103         -1.103         0         %100           7         M46         X        997        997         0         %100           8         M46         Z         -1.727         -1.727         0         %100           9         M51B         X         0         0         0         %100           10         M51B         Z         0         0         0         %100           11         M52B         X        622        622         0         %100           12         M52B         Z         -1.077         -1.077         0         %100           13         M76         X        327        327         0         %100           14         M76         Z <th></th> <th>Member Label</th> <th>Direction</th> <th>Start Magnitude[lb/ft,</th> <th>End Magnitude[lb/ft,F</th> <th>Start Location[ft,%]</th> <th>End Location[ft,%]</th>		Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
3         M10         X        637        637         0         %100           4         M10         Z         -1.103         -1.103         0         %100           5         M43         X        637        637         0         %100           6         M43         Z         -1.103         -1.103         0         %100           7         M46         X        997        997         0         %100           8         M46         Z         -1.727         -1.727         0         %100           9         M51B         X         0         0         0         0         %100           10         M51B         X         0         0         0         %100         11         M52B         X        622        622         0         %100         11         M52B         X        622        622         0         %100         12         M52B         Z         -1.077         -1.077         0         %100         14         M76         X        327        327         0         %100         14         M76         X        327        327         0							
4         M10         Z         -1,103         -1,103         0         %100           5         M43         X         -,637         -,637         0         %100           6         M43         Z         -1,103         -1,103         0         %100           7         M46         X         -,997         -,997         0         %100           8         M46         Z         -1,727         -1,727         0         %100           9         M51B         X         0         0         0         0         %100           10         M51B         Z         0         0         0         0         %100           11         M52B         X         -,622         -,622         0         %100           12         M52B         Z         -1,077         -1,077         0         %100           13         M76         X         -,327         -,327         0         %100           14         M76         Z         -,566         -,566         0         %100           15         M77         X         0         0         0         %100           16							
5         M43         X        637        637         0         %100           6         M43         Z         -1.103         -1.103         0         %100           7         M46         X        997        997         0         %100           8         M46         Z         -1.727         -1.727         0         %100           9         M51B         X         0         0         0         %100           10         M51B         Z         0         0         0         %100           11         M52B         X        622        622         0         %100           12         M52B         Z         -1.077         -1.077         0         %100           13         M76         X        327        327         0         %100           14         M76         Z        566        566         0         %100           14         M77         X         0         0         0         %100           15         M77         X         0         0         0         %100           16         M77         Z <t< td=""><td>3</td><td></td><td></td><td></td><td></td><td></td><td></td></t<>	3						
6         M43         Z         -1.103         -1.103         0         %100           7         M46         X        997        997         0         %100           8         M46         Z         -1.727         0         %100           9         M51B         X         0         0         0         %100           10         M51B         X         0         0         0         %100           11         M52B         X        622        622         0         %100           12         M52B         X        622        622         0         %100           13         M76         X        327        327         0         %100           14         M76         Z        566        566         0         %100           15         M77         X         0         0         0         %100           15         M77         X         0         0         0         %100           16         M77         Z         0         0         0         %100           17         M80         X         0         0	4	M10		-1.103	-1.103	0	%100
T         M46         X        997        997         0         %100           8         M46         Z         -1.727         -1.727         0         %100           9         M51B         X         0         0         0         %100           10         M51B         Z         0         0         0         %100           11         M52B         X        622        622         0         %100           12         M52B         Z         -1.077         -1.077         0         %100           13         M76         X        327        327         0         %100           14         M76         Z        566        566         0         %100           15         M77         X         0         0         0         %100           16         M77         Z         0         0         0         %100           17         M80         X         0         0         0         %100           18         M80         Z         0         0         0         %100           19         M84         X        327	5	M43	X	637	637	0	%100
8         M46         Z         -1.727         -1.727         0         %100           9         M51B         X         0         0         0         %100           11         M52B         X         -622         -622         0         %100           12         M52B         Z         -1.077         -1.077         0         %100           13         M76         X         -327         0         %100           14         M76         Z        566        566         0         %100           15         M77         X         0         0         0         %100           15         M77         X         0         0         0         %100           17         M80         X         0         0         0         %100           17         M80         X         0         0         0         %100           18         M80         Z         0         0         0         %100           20         M84         X         -327         -327         0         %100           21         M85         X         -995         -995 <t< td=""><td>6</td><td>M43</td><td>Z</td><td>-1.103</td><td>-1.103</td><td>0</td><td>%100</td></t<>	6	M43	Z	-1.103	-1.103	0	%100
9         M51B         X         0         0         0         %100           10         M51B         Z         0         0         0         %100           11         M52B         X        622        622         0         %100           12         M52B         Z         -1.077         -1.077         0         %100           13         M76         X        327        327         0         %100           14         M76         Z        566        566         0         %100           15         M77         X         0         0         0         %100           16         M77         Z         0         0         0         %100           17         M80         X         0         0         0         %100           18         M80         Z         0         0         0         %100           19         M84         X        327        327         0         %100           20         M84         Z        566        566         0         %100           21         M85         X        995	7	M46	X	997	997	0	%100
9         M51B         X         0         0         0         %100           10         M51B         Z         0         0         0         %100           11         M52B         X        622        622         0         %100           12         M52B         Z         -1.077         -1.077         0         %100           13         M76         X        327        327         0         %100           14         M76         Z        566        566         0         %100           15         M77         X         0         0         0         %100           16         M77         Z         0         0         0         %100           17         M80         X         0         0         0         %100           17         M80         X         0         0         0         %100           18         M80         Z         0         0         0         %100           19         M84         X        327        327         0         %100           20         M84         Z        566 <td< td=""><td>8</td><td>M46</td><td>Ζ</td><td>-1.727</td><td>-1.727</td><td>0</td><td>%100</td></td<>	8	M46	Ζ	-1.727	-1.727	0	%100
10         M51B         Z         0         0         %100           11         M52B         X        622        622         0         %100           12         M52B         Z         -1.077         -1.077         0         %100           13         M76         X         -3.27         -3.27         0         %100           14         M76         Z        566        566         0         %100           15         M77         X         0         0         0         0         %100           16         M77         Z         0         0         0         0         %100           16         M77         Z         0         0         0         %100           17         M80         X         0         0         0         %100           19         M84         X        327        327         0         %100           20         M84         Z        566        566         0         %100           21         M85         X        995        995         0         %100           22         M85         Z	9	M51B	Х			0	%100
12         M52B         Z         -1.077         -1.077         0         %100           13         M76         X        327        327         0         %100           14         M76         Z        566        566         0         %100           15         M77         X         0         0         0         %100           16         M77         Z         0         0         0         %100           17         M80         X         0         0         0         %100           18         M80         Z         0         0         0         %100           19         M84         X        327        327         0         %100           20         M84         Z        566        566         0         %100           21         M85         X        995        995         0         %100           21         M85         X        995        995         0         %100           23         M91         X         -1.039         -1.039         0         %100           24         M91         Z <t< td=""><td>10</td><td>M51B</td><td>Z</td><td>0</td><td>0</td><td>0</td><td></td></t<>	10	M51B	Z	0	0	0	
12         M52B         Z         -1.077         -1.077         0         %100           13         M76         X        327        327         0         %100           14         M76         Z        566        566         0         %100           15         M77         X         0         0         0         %100           16         M77         Z         0         0         0         %100           17         M80         X         0         0         0         %100           18         M80         Z         0         0         0         %100           19         M84         X        327        327         0         %100           20         M84         Z        566        566         0         %100           21         M85         X        995        995         0         %100           21         M85         X        995        995         0         %100           23         M91         X         -1.039         -1.039         0         %100           24         M91         Z <t< td=""><td>11</td><td>M52B</td><td>Х</td><td>622</td><td>622</td><td>0</td><td>%100</td></t<>	11	M52B	Х	622	622	0	%100
13         M76         X        327        327         0         %100           14         M76         Z        566        566         0         %100           15         M77         X         0         0         0         %100           16         M77         Z         0         0         0         %100           17         M80         X         0         0         0         %100           18         M80         Z         0         0         0         %100           18         M80         Z         0         0         0         %100           19         M84         X        327        327         0         %100           20         M84         Z        566        566         0         %100           21         M85         X        995        995         0         %100           22         M85         Z         -1.724         -1.724         0         %100           23         M91         X         -1.039         -1.039         0         %100           24         M91         Z         -1.8 <td>12</td> <td></td> <td></td> <td></td> <td></td> <td>0</td> <td></td>	12					0	
14         M76         Z        566        566         0         %100           15         M77         X         0         0         0         %100           16         M77         Z         0         0         0         %100           17         M80         X         0         0         0         %100           18         M80         Z         0         0         0         %100           19         M84         X        327        327         0         %100           20         M84         Z        566        566         0         %100           21         M85         X        995        995         0         %100           22         M85         Z         -1.724         -1.724         0         %100           23         M91         X         -1.039         -1.039         0         %100           24         M91         Z         -1.8         -1.8         0         %100           25         M25         X         -1.089         -1.089         0         %100           26         M25         Z <td< td=""><td>13</td><td></td><td>X</td><td></td><td></td><td>0</td><td></td></td<>	13		X			0	
15         M77         X         0         0         0         %100           16         M77         Z         0         0         0         %100           17         M80         X         0         0         0         %100           18         M80         Z         0         0         0         %100           19         M84         X         -,327         -,327         0         %100           20         M84         Z         -,566         -,566         0         %100           21         M85         X         -,995         -,995         0         %100           21         M85         Z         -1,724         -1,724         0         %100           23         M91         X         -1,039         0         %100           24         M91         Z         -1,8         -1,8         0         %100           25         M25         X         -1,089         -1,089         0         %100           26         M25         Z         -1,886         -1,886         0         %100           28         M26         X         0         0<							
16         M77         Z         0         0         0         %100           17         M80         X         0         0         0         %100           18         M80         Z         0         0         0         %100           19         M84         X        327        327         0         %100           20         M84         Z        566        566         0         %100           21         M85         X        995        995         0         %100           22         M85         Z         -1.724         -1.724         0         %100           23         M91         X         -1.039         -1.039         0         %100           24         M91         Z         -1.8         -1.8         0         %100           25         M25         X         -1.089         -1.089         0         %100           26         M25         Z         -1.886         -1.886         0         %100           27         M26         X         0         0         0         %100           29         M27         X         <							
17         M80         X         0         0         0         %100           18         M80         Z         0         0         0         %100           19         M84         X         -,327         -,327         0         %100           20         M84         Z         -,566         -,566         0         %100           21         M85         X         -,995         -,995         0         %100           22         M85         Z         -1,724         -1,724         0         %100           23         M91         X         -1,039         -1,039         0         %100           24         M91         Z         -1,8         -1,8         0         %100           25         M25         X         -1,089         -1,089         0         %100           25         M25         X         -1,886         -1,886         0         %100           27         M26         X         0         0         0         %100           28         M26         Z         0         0         0         %100           30         M27         X         <							
18         M80         Z         0         0         %100           19         M84         X        327        327         0         %100           20         M84         Z        566        566         0         %100           21         M85         X        995        995         0         %100           22         M85         Z         -1.724         -1.724         0         %100           23         M91         X         -1.039         -1.039         0         %100           23         M91         X         -1.039         -1.039         0         %100           24         M91         Z         -1.8         -1.8         0         %100           25         M25         X         -1.089         -1.089         0         %100           25         M25         X         -1.089         -1.886         0         %100           27         M26         X         0         0         0         %100           28         M26         Z         0         0         0         %100           30         M27         X         0							
19         M84         X        327        327         0         %100           20         M84         Z        566        566         0         %100           21         M85         X        995        995         0         %100           22         M85         Z         -1.724         -1.724         0         %100           23         M91         X         -1.039         -1.039         0         %100           24         M91         Z         -1.8         -1.8         0         %100           25         M25         X         -1.089         -1.089         0         %100           26         M25         Z         -1.886         -1.886         0         %100           27         M26         X         0         0         0         %100           28         M26         Z         0         0         0         %100           29         M27         X         0         0         0         %100           31         M28         X         0         0         0         %100           32         M28         Z         <							
20         M84         Z        566        566         0         %100           21         M85         X        995        995         0         %100           22         M85         Z         -1.724         -1.724         0         %100           23         M91         X         -1.039         -1.039         0         %100           24         M91         Z         -1.8         -1.8         0         %100           24         M91         Z         -1.8         -1.8         0         %100           25         M25         X         -1.089         -1.089         0         %100           26         M25         Z         -1.886         -1.886         0         %100           27         M26         X         0         0         0         %100           28         M26         Z         0         0         0         %100           29         M27         X         0         0         0         %100           30         M27         Z         0         0         0         %100           31         M28         X <td< td=""><td></td><td></td><td></td><td>327</td><td>327</td><td></td><td></td></td<>				327	327		
21         M85         X        995        995         0         %100           22         M85         Z         -1.724         -1.724         0         %100           23         M91         X         -1.039         -1.039         0         %100           24         M91         Z         -1.8         -1.8         0         %100           25         M25         X         -1.089         -1.089         0         %100           26         M25         Z         -1.886         0         %100           28         M26         X         0         0         0         %100           28         M26         X         0         0         0         %100           29         M27         X         0         0         0         %100           30         M27         Z         0         0         0         %100			Z				
22         M85         Z         -1.724         -1.724         0         %100           23         M91         X         -1.039         -1.039         0         %100           24         M91         Z         -1.8         -1.8         0         %100           25         M25         X         -1.089         -1.089         0         %100           26         M25         Z         -1.886         -1.886         0         %100           27         M26         X         0         0         0         %100           28         M26         Z         0         0         0         %100           29         M27         X         0         0         0         %100           30         M27         Z         0         0         %100           31         M28         X         0         0         %100           32         M28         Z         0         0         %100           33         M31         X        622        622         0         %100           34         M31         Z         -1.077         -1.077         0         %10							
23         M91         X         -1.039         -1.039         0         %100           24         M91         Z         -1.8         -1.8         0         %100           25         M25         X         -1.089         -1.089         0         %100           26         M25         Z         -1.886         -1.886         0         %100           27         M26         X         0         0         0         %100           28         M26         Z         0         0         0         %100           29         M27         X         0         0         0         %100           30         M27         Z         0         0         0         %100           31         M28         X         0         0         0         %100           32         M28         X         0         0         0         %100           32         M28         X         0         0         0         %100           34         M31         X        622        622         0         %100           35         M32         X        622			Z				
24         M91         Z         -1.8         -1.8         0         %100           25         M25         X         -1.089         -1.089         0         %100           26         M25         Z         -1.886         -1.886         0         %100           27         M26         X         0         0         0         %100           28         M26         Z         0         0         0         %100           29         M27         X         0         0         0         %100           30         M27         Z         0         0         0         %100           31         M28         X         0         0         0         %100           32         M28         Z         0         0         0         %100           33         M31         X        622        622         0         %100           34         M31         Z         -1.077         -1.077         0         %100           36         M32         X        622        622         0         %100           37         M36         X         -1.307							
25         M25         X         -1.089         -1.089         0         %100           26         M25         Z         -1.886         -1.886         0         %100           27         M26         X         0         0         0         %100           28         M26         Z         0         0         0         %100           29         M27         X         0         0         0         %100           30         M27         Z         0         0         0         %100           31         M28         X         0         0         0         %100           32         M28         Z         0         0         %100           33         M31         X        622        622         0         %100           34         M31         Z         -1.077         -1.077         0         %100           35         M32         X        622        622         0         %100           36         M32         Z         -1.077         -1.077         0         %100           37         M36         X         -1.307         -1.307							
26         M25         Z         -1.886         -1.886         0         %100           27         M26         X         0         0         0         %100           28         M26         Z         0         0         0         %100           29         M27         X         0         0         0         %100           30         M27         Z         0         0         0         %100           31         M28         X         0         0         0         %100           32         M28         Z         0         0         0         %100           33         M31         X        622        622         0         %100           34         M31         Z         -1.077         -1.077         0         %100           35         M32         X        622        622         0         %100           36         M32         Z         -1.077         -1.077         0         %100           37         M36         X         -1.307         -1.307         0         %100           38         M36         Z         -2.265							
27         M26         X         0         0         0         %100           28         M26         Z         0         0         0         %100           29         M27         X         0         0         0         %100           30         M27         Z         0         0         0         %100           31         M28         X         0         0         0         %100           32         M28         Z         0         0         0         %100           33         M31         X        622        622         0         %100           34         M31         Z         -1.077         -1.077         0         %100           35         M32         X        622        622         0         %100           36         M32         Z         -1.077         -1.077         0         %100           37         M36         X         -1.307         -1.307         0         %100           38         M36         Z         -2.265         -2.265         0         %100							
28         M26         Z         0         0         %100           29         M27         X         0         0         %100           30         M27         Z         0         0         %100           31         M28         X         0         0         %100           32         M28         Z         0         0         %100           33         M31         X        622        622         0         %100           34         M31         Z         -1.077         -1.077         0         %100           35         M32         X        622        622         0         %100           36         M32         Z         -1.077         -1.077         0         %100           37         M36         X         -1.307         -1.307         0         %100           38         M36         Z         -2.265         -2.265         0         %100							
29         M27         X         0         0         0         %100           30         M27         Z         0         0         0         %100           31         M28         X         0         0         0         %100           32         M28         Z         0         0         0         %100           33         M31         X        622        622         0         %100           34         M31         Z         -1.077         -1.077         0         %100           35         M32         X        622        622         0         %100           36         M32         Z         -1.077         -1.077         0         %100           37         M36         X         -1.307         -1.307         0         %100           38         M36         Z         -2.265         -2.265         0         %100			Ž	-			
30         M27         Z         0         0         %100           31         M28         X         0         0         %100           32         M28         Z         0         0         %100           33         M31         X        622        622         0         %100           34         M31         Z         -1.077         -1.077         0         %100           35         M32         X        622        622         0         %100           36         M32         Z         -1.077         -1.077         0         %100           37         M36         X         -1.307         -1.307         0         %100           38         M36         Z         -2.265         -2.265         0         %100							
31         M28         X         0         0         0         %100           32         M28         Z         0         0         0         %100           33         M31         X        622        622         0         %100           34         M31         Z         -1.077         -1.077         0         %100           35         M32         X        622        622         0         %100           36         M32         Z         -1.077         -1.077         0         %100           37         M36         X         -1.307         -1.307         0         %100           38         M36         Z         -2.265         -2.265         0         %100							
32         M28         Z         0         0         0         %100           33         M31         X        622        622         0         %100           34         M31         Z         -1.077         -1.077         0         %100           35         M32         X        622        622         0         %100           36         M32         Z         -1.077         -1.077         0         %100           37         M36         X         -1.307         -1.307         0         %100           38         M36         Z         -2.265         -2.265         0         %100							
33     M31     X    622    622     0     %100       34     M31     Z     -1.077     -1.077     0     %100       35     M32     X    622    622     0     %100       36     M32     Z     -1.077     -1.077     0     %100       37     M36     X     -1.307     -1.307     0     %100       38     M36     Z     -2.265     -2.265     0     %100							
34         M31         Z         -1.077         -1.077         0         %100           35         M32         X        622        622         0         %100           36         M32         Z         -1.077         -1.077         0         %100           37         M36         X         -1.307         -1.307         0         %100           38         M36         Z         -2.265         -2.265         0         %100							
35     M32     X    622    622     0     %100       36     M32     Z     -1.077     -1.077     0     %100       37     M36     X     -1.307     -1.307     0     %100       38     M36     Z     -2.265     -2.265     0     %100							
36         M32         Z         -1.077         -1.077         0         %100           37         M36         X         -1.307         -1.307         0         %100           38         M36         Z         -2.265         -2.265         0         %100							
37         M36         X         -1.307         -1.307         0         %100           38         M36         Z         -2.265         -2.265         0         %100							
38 M36 Z -2.265 -2.265 0 %100			_			•	
יסוען דער ויסער. דער איס איז איז איז איז איז איז איז איז דער איס איז	39	M37	X	995	995	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,%]
40	M37	Z	-1.724	-1.724	0	%100
41	M39	X	-1.039	-1.039	0	%100
42	M39	Z	-1.8	-1.8	0	%100
43	M41	X	-1.307	-1.307	0	%100
44	M41	Z	-2.265	-2.265	0	%100
45	M42	X	995	995	0	%100
46	M42	Z	-1.724	-1.724	0	%100
47	M44	X	-1.039	-1.039	0	%100
48	M44	Z	-1.8	-1.8	0	%100
49	M49	X	272	272	0	%100
50	M49	Z	472	472	0	%100
51	M50A	X	637	637	0	%100
52	M50A	Z	-1.103	-1.103	0	%100
53	M51C	X	637	637	0	%100
54	M51C	Z	-1.103	-1.103	0	%100
55	M52A	X	997	997	0	%100
56	M52A	Z	-1.727	-1.727	0	%100
57	M55	X	622	622	0	%100
58	M55	Z	-1.077	-1.077	0	%100
59	M56	X	0	0	0	%100
60	M56	Z	0	0	0	%100
61	M60	X	327	327	0	%100
62	M60	Z	566	566	0	%100
63	M61	X	995	995	0	%100
64	M61	Z	-1.724	-1.724	0	%100
65	M63	X	-1.039	-1.039	0	%100
66	M63	Z	-1.8	-1.8	0	%100
67	M65	X	327	327	0	%100
68	M65	Z	566	566	0	%100
69	M66	X	0	0	0	%100
70	M66	Z	0	0	0	%100
71	M68	X	0	0	0	%100
72	M68	Z	0	0	0	%100
73	M73	X	774	774	0	%100
74	M73	Z	-1.34	-1.34	0	%100
75	M74	X	0	0	0	%100
76	M74	Z	0	0	0	%100
77	M75	X	774	774	0	%100
78	M75	Z	-1.34	-1.34	0	%100
79	MP1A	X	831	831	0	%100
80	MP1A	Z	-1.439	-1.439	0	%100
81	MP2A	X	92	92	0	%100
82	MP2A	Z	-1.594	-1.594	0	%100
83	MP3A	X	831	831	0	%100
84	MP3A	Z	-1.439	-1.439	0	%100
85	MP4A	X	831	831	0	%100
86	MP4A	Z	-1.439	-1.439	0	%100
87	M85A	X	684	684	0	%100
88	M85A	Z	-1.185	-1.185	0	%100
89	MP1C	X	831	831	0	%100
90	MP1C	Z	-1.439	-1.439	0	%100
91	MP2C	X	92	92	0	%100
92	MP2C	Z	-1.594	-1.594	0	%100
93	MP3C	X	831	831	0	%100
94	MP3C	Z	-1.439	-1.439	0	%100
95	MP4C	X	831	831	0	%100
96	MP4C	Z	-1.439	-1.439	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,%]
97	MP1B	X	831	831	0	%100
98	MP1B	Z	-1.439	-1.439	0	%100
99	MP2B	X	92	92	0	%100
100	MP2B	Z	-1.594	-1.594	0	%100
101	MP3B	X	831	831	0	%100
102	MP3B	Ζ	-1.439	-1.439	0	%100
103	MP4B	X	831	831	0	%100
104	MP4B	Ζ	-1.439	-1.439	0	%100
105	M102	X	69	69	0	%100
106	M102	Ζ	-1.195	-1.195	0	%100
107	M108	X	69	69	0	%100
108	M108	Ζ	-1.195	-1.195	0	%100
109	M114	X	0	0	0	%100
110	M114	Ζ	0	0	0	%100
111	M125	X	0	0	0	%100
112	M125	Z	0	0	0	%100
113	M126	Χ	744	744	0	%100
114	M126	Ζ	-1.288	-1.288	0	%100
115	M127	Χ	744	744	0	%100
116	M127	Ζ	-1.288	-1.288	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,	.End Magnitude[lb/ft,F.,	Start Location[ft,%]	End Location[ft,%]
1	M4	X	0	0	0	%100
2	M4	Z	0	0	0	%100
3	M10	X	0	0	0	%100
4	M10	Ζ	603	603	0	%100
5	M43	X	0	0	0	%100
6	M43	Ζ	603	603	0	%100
7	M46	X	0	0	0	%100
8	M46	Ζ	-1.203	-1.203	0	%100
9	M51B	X	0	0	0	%100
10	M51B	Ζ	125	125	0	%100
11	M52B	X	0	0	0	%100
12	M52B	Z	125	125	0	%100
13	M76	X	0	0	0	%100
14	M76	Z	0	0	0	%100
15	M77	X	0	0	0	%100
16	M77	Ζ	306	306	0	%100
17	M80	X	0	0	0	%100
18	M80	Z	323	323	0	%100
19	M84	X	0	0	0	%100
20	M84	Z	0	0	0	%100
21	M85	X	0	0	0	%100
22	M85	Ζ	306	306	0	%100
23	M91	X	0	0	0	%100
24	M91	Ζ	323	323	0	%100
25	M25	X	0	0	0	%100
26	M25	Ζ	575	575	0	%100
27	M26	X	0	0	0	%100
28	M26	Ζ	151	151	0	%100
29	M27	X	0	0	0	%100
30	M27	Z	151	151	0	%100
31	M28	X	0	0	0	%100
32	M28	Z	301	301	0	%100
33	M31	X	0	0	0	%100

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

	Member Label	Direction		.End Magnitude[lb/ft.F	Start Location[ft,%]	End Location[ft.%]
34	M31	Z	125	125	0	%100
35	M32	X	0	0	0	%100
36	M32	Z	501	501	0	%100
37	M36	X	0	0	0	%100
38	M36	Z	902	902	0	%100
39	M37	X	0	0	0	%100
40	M37	Z	306	306	0	%100
41	M39	X	0	0	0	%100
42	M39	Z	323	323	0	%100
43	M41	X	0	0	0	%100
44	M41	Z	902	902	0	%100
45	M42	X	0	0	0	%100
46	M42	Z	-1.226	-1.226	0	%100
47	M44	X	0	0	0	%100
48	M44	Z	-1.291	-1.291	0	%100
49	M49	X	0	0	0	%100
50	M49	Z	575	575	0	%100
51	M50A	X	0	0	0	%100
52	M50A	Z	151	151	0	%100
53	M51C	X	0	0	0	%100
54	M51C	Z	151	151	0	%100
55	M52A	X	0	0	0	%100
56	M52A	Z	301	301	0	%100
57	M55	X	0	0	0	%100
58	M55	Z	501	501	0	%100
59	M56	X	0	0	0	%100
60	M56	Z	125	125	0	%100
61	M60	X Z	0	0	0	%100
62	M60		902	902	0	%100
63	M61	X Z	0	0	0	%100 %100
64	M61		-1.226	-1.226	0	%100 %100
65 66	M63	X Z	-1.291	-1.291	0	%100 %100
67	M63	X	-1.291	-1.291	0	%100 %100
68	M65 M65	Z	902	902	0	%100 %100
69	M66	X	902	902	0	%100 %100
70	M66	Z	306	306	0	%100 %100
71	M68	X	300	300	0	%100 %100
72	M68	Z	323	323	0	%100 %100
73	M73	X	323	0	0	%100 %100
74	M73	Z	702	702	0	%100 %100
75	M74	X	0	0	0	%100 %100
76	M74	Z	175	175	0	%100 %100
77	M75	X	0	0	0	%100 %100
78	M75	Z	175	175	0	%100 %100
79	MP1A	X	0	0	0	%100 %100
80	MP1A	Z	476	476	0	%100
81	MP2A	X	0	0	0	%100 %100
82	MP2A	Z	577	577	0	%100
83	MP3A	X	0	0	0	%100 %100
84	MP3A	Ž	476	476	0	%100
85	MP4A	X	0	0	0	%100
86	MP4A	Ž	476	476	0	%100
87	M85A	X	0	0	0	%100
88	M85A	Z	39	39	0	%100
89	MP1C	X	0	0	0	%100
90	MP1C	Z	476	476	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft,	.End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
91	MP2C	X	0	0	0	%100
92	MP2C	Z	577	577	0	%100
93	MP3C	X	0	0	0	%100
94	MP3C	Z	476	476	0	%100
95	MP4C	X	0	0	0	%100
96	MP4C	Z	476	476	0	%100
97	MP1B	X	0	0	0	%100
98	MP1B	Z	476	476	0	%100
99	MP2B	X	0	0	0	%100
100	MP2B	Z	577	577	0	%100
101	MP3B	X	0	0	0	%100
102	MP3B	Z	476	476	0	%100
103	MP4B	X	0	0	0	%100
104	MP4B	Z	476	476	0	%100
105	M102	X	0	0	0	%100
106	M102	Z	144	144	0	%100
107	M108	X	0	0	0	%100
108	M108	Z	577	577	0	%100
109	M114	X	0	0	0	%100
110	M114	Z	144	144	0	%100
111	M125	X	0	0	0	%100
112	M125	Z	189	189	0	%100
113	M126	X	0	0	0	%100
114	M126	Z	189	189	0	%100
115	M127	X	0	0	0	%100
116	M127	Z	756	756	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
1	M4	X	.096	.096	0	%100
2	M4	Ζ	166	166	0	%100
3	M10	X	.226	.226	0	%100
4	M10	Ζ	392	392	0	%100
5	M43	X	.226	.226	0	%100
6	M43	Z	392	392	0	%100
7	M46	X	.451	.451	0	%100
8	M46	Ζ	782	782	0	%100
9	M51B	X	.188	.188	0	%100
10	M51B	Ζ	325	325	0	%100
11	M52B	X	0	0	0	%100
12	M52B	Ζ	0	0	0	%100
13	M76	X	.15	.15	0	%100
14	M76	Ζ	261	261	0	%100
15	M77	X	.46	.46	0	%100
16	M77	Ζ	796	796	0	%100
17	M80	X	.484	.484	0	%100
18	M80	Z	838	838	0	%100
19	M84	X	.15	.15	0	%100
20	M84	Z	261	261	0	%100
21	M85	X	0	0	0	%100
22	M85	Z	0	0	0	%100
23	M91	X	0	0	0	%100
24	M91	Z	0	0	0	%100
25	M25	X	.096	.096	0	%100
26	M25	Z	166	166	0	%100
27	M26	X	.226	.226	0	%100

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

	Member Label	Direction		.End Magnitude[lb/ft.F	Start Location[ft,%]	End Location[ft.%]
28	M26	Z	392	392	0	%100
29	M27	X	.226	.226	0	%100
30	M27	Z	392	392	0	%100
31	M28	X	.451	.451	0	%100
32	M28	Z	782	782	0	%100
33	M31	X	0	0	0	%100
34	M31	Z	0	0	0	%100
35	M32	X	.188	.188	0	%100
36	M32	Z	325	325	0	%100
37	M36	X	.15	.15	0	%100
38	M36	Z	261	261	0	%100
39	M37	X	0	0	0	%100
40	M37	Z	0	0	0	%100
41	M39	X	0	0	0	%100
42	M39	Z	0	0	0	%100
43	M41	X	.15	.15	0	%100
44	M41	Z	261	261	0	%100
45	M42	X	.46	.46	0	%100
46	M42	Z	796	796	0	%100
47	M44	X	.484	.484	0	%100
48	M44	Z	838	838	0	%100
49	M49	X	.383	.383	0	%100
50	M49	Z	664	664	0	%100
51	M50A	X	0	0	0	%100
52	M50A	Z	0	0	0	%100
53	M51C	X	0	0	0	%100
54	M51C	Z	0	0	0	%100
55	M52A	X	0	0	0	%100
56	M52A	Z	0	0	0	%100
57	M55	X Z	.188	.188	0	%100 %100
58	M55		325	325	0	%100 %100
59	M56	Z	.188	.188	0	%100 %100
60 61	M56	X	325 .602	325 .602	0	%100 %100
62	M60 M60	Z	-1.042	-1.042	0	%100 %100
63	M61	X	.46	.46	0	%100 %100
64	M61	Z	796	796	0	%100 %100
65	M63	X	.484	.484	0	%100 %100
66	M63	Z	838	838	0	%100 %100
67	M65	X	.602	.602	0	%100 %100
68	M65	Z	-1.042	-1.042	0	%100 %100
69	M66	X	.46	.46	0	%100 %100
70	M66	Z	796	796	0	%100 %100
71	M68	X	.484	.484	0	%100 %100
72	M68	Z	838	838	0	%100 %100
73	M73	X	.263	.263	0	%100 %100
74	M73	Z	456	456	0	%100 %100
75	M74	X	.263	.263	0	%100 %100
76	M74	Z	456	456	0	%100 %100
77	M75	X	0	0	0	%100
78	M75	Z	0	0	0	%100
79	MP1A	X	.238	.238	0	%100
80	MP1A	Ž	413	413	0	%100
81	MP2A	X	.288	.288	0	%100
82	MP2A	Z	499	499	0	%100
83	MP3A	X	.238	.238	0	%100
84	MP3A	Z	413	413	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
85	MP4A	X	.238	.238	0	%100
86	MP4A	Z	413	413	0	%100
87	M85A	X	.195	.195	0	%100
88	M85A	Z	337	337	0	%100
89	MP1C	X	.238	.238	0	%100
90	MP1C	Z	413	413	0	%100
91	MP2C	X	.288	.288	0	%100
92	MP2C	Ζ	499	499	0	%100
93	MP3C	X	.238	.238	0	%100
94	MP3C	Ζ	413	413	0	%100
95	MP4C	X	.238	.238	0	%100
96	MP4C	Ζ	413	413	0	%100
97	MP1B	X	.238	.238	0	%100
98	MP1B	Ζ	413	413	0	%100
99	MP2B	X	.288	.288	0	%100
100	MP2B	Ζ	499	499	0	%100
101	MP3B	X	.238	.238	0	%100
102	MP3B	Ζ	413	413	0	%100
103	MP4B	X	.238	.238	0	%100
104	MP4B	Ζ	413	413	0	%100
105	M102	X	0	0	0	%100
106	M102	Ζ	0	0	0	%100
107	M108	X	.216	.216	0	%100
108	M108	Ζ	375	375	0	%100
109	M114	X	.216	.216	0	%100
110	M114	Z	375	375	0	%100
111	M125	X	.283	.283	0	%100
112	M125	Z	491	491	0	%100
113	M126	X	0	0	0	%100
114	M126	Z	0	0	0	%100
115	M127	Х	.283	.283	0	%100
116	M127	Ζ	491	491	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	M4	X	.498	.498	0	%100
2	M4	Z	287	287	0	%100
3	M10	X	.131	.131	0	%100
4	M10	Ζ	075	075	0	%100
5	M43	X	.131	.131	0	%100
6	M43	Z	075	075	0	%100
7	M46	X	.261	.261	0	%100
8	M46	Ζ	15	15	0	%100
9	M51B	X	.434	.434	0	%100
10	M51B	Ζ	251	251	0	%100
11	M52B	X	.108	.108	0	%100
12	M52B	Z	063	063	0	%100
13	M76	X	.782	.782	0	%100
14	M76	Z	451	451	0	%100
15	M77	X	1.061	1.061	0	%100
16	M77	Z	613	613	0	%100
17	M80	X	1.118	1.118	0	%100
18	M80	Z	645	645	0	%100
19	M84	X	.782	.782	0	%100
20	M84	Z	451	451	0	%100
21	M85	X	.265	.265	0	%100

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

22		Member Label	Direction	Start Magnitude[lb/ft	End Magnitude[lb/ft,F	Start Location[ft %]	End Location[ft,%]
23	22					_	
24         M91         Z        161        0         %100           26         M25         Z         0         0         0         %4100           27         M26         X         5.522         5.22         0         %4100           28         M26         Z        302        302         0         %1100           29         M27         X         .522         .522         0         %6100           30         M27         Z         .302        302         0         %1100           31         M28         X         1.042         1.042         0         %1100           31         M28         X         1.042         1.042         0         %1100           33         M31         X         1.08         1.08         0         %1100           33         M31         X         1.068         1.08         0         %1100           35         M32         X         1.063        063        063         0         %100           36         M32         X         1.063        063        063         0         %100           37			X			0	
26         M25         X         0         0         0         %100           27         M26         X         .522         .522         0         %4100           28         M26         Z         .302         .302         0         %4100           29         M27         X         .522         .522         0         %4100           30         M27         Z         .302         .302         0         %100           31         M28         Z         .302         .302         0         %100           31         M28         X         1.042         1.042         0         %100           32         M28         Z         .602         .602         0         %6100           33         M31         X         .108         .108         0         %100           34         M31         Z         .603         .663         0         %100           35         M32         X         .108         .108         0         %100           36         M32         Z         .063         .0         %100           37         M36         X         .0							
26						0	
27				0			
28			Х	.522	.522	0	
29							
30			Х			0	
M28		M27		302	302	0	
32						0	
33							
34         M31         Z        063        063         0         %100           35         M32         X         .108         .108         0         %100           36         M32         Z        063        063         0         %100           37         M36         X         0         0         0         %100           38         M36         Z         0         0         0         %100           39         M37         X         .265         .265         .05         0         %100           40         M37         Z         .153         .153         0         %100           41         M39         X         .279         .279         0         %100           42         M39         Z         .161         .161         0         %100           44         M41         X         0         0         0         %100           44         M41         Z         0         0         0         %100           45         M42         X         .265         .265         0         %100           46         M42         X							
35							
36			Х			0	
37							
38         M36         Z         0         0         %100           39         M37         X         .265         .265         0         %100           40         M37         Z        153         -153         0         %100           41         M39         X         .279         .279         0         %100           42         M39         Z        161        161         0         %100           43         M41         X         0         0         0         %100           44         M41         Z         0         0         0         %100           45         M42         X         .265         .265         0         %100           45         M42         X         .265         .265         0         %100           47         M44         X         .279         .279         0         %100           47         M44         X         .279         .279         0         %100           49         M49         X         .498         .498         0         %100           50         M49         Z         .287         .287 <td></td> <td></td> <td>X</td> <td></td> <td></td> <td></td> <td></td>			X				
M37	38			0	0	0	
40         M37         Z        153        153         0         %100           41         M39         X         .279         .279         0         %100           42         M39         Z        161        161         0         %100           43         M41         X         0         0         0         %100           44         M41         Z         0         0         0         %100           45         M42         X         .265         .265         0         %100           46         M42         Z        153        153         0         %100           47         M44         X         2.279         .279         0         %100           48         M44         Z        161        161         0         %100           49         M49         X         .498         .498         0         %100           50         M49         Z        287        287         0         %100           51         M50A         X         .131         .131         0         %100           52         M50A         Z				.265	.265		
41         M39         X         279         .279         0         %100           42         M39         Z        161        161         0         %100           43         M41         X         0         0         0         %100           44         M41         Z         0         0         0         %100           45         M42         X         .265         .265         0         %100           46         M42         Z        153        153         0         %100           47         M44         X         .279         .279         0         %100           48         M44         Z        161        161         0         %100           49         M49         X         .498         .498         0         %100           50         M49         Z        287        287         0         %100           51         M50A         X         .131         .131         .0         %100           52         M50A         Z        075        075         0         %100           53         M51C         X							
42         M39         Z        161         0         %100           43         M41         X         0         0         0         %100           44         M41         Z         0         0         0         %100           45         M42         X         265         265         0         %100           46         M42         Z        153        153         0         %100           47         M44         X         2.279         0         %100           48         M44         X         2.279         0         %100           48         M44         Z        161        161         0         %100           50         M49         Z        287        287         0         %100           51         M50A         X         1.31         1.31         0         %100           51         M50A         X         1.31         1.31         0         %100           52         M50A         Z        075        075         0         %100           53         M51C         X         .131         .131         0         <							
43         M41         X         0         0         0         %100           44         M41         Z         0         0         0         %100           45         M42         X         265         .265         0         %100           46         M42         Z        153        153         0         %100           47         M44         X         .279         .279         0         %100           48         M44         Z        161        161         0         %100           49         M49         X         .498         .498         0         %100           50         M49         Z        287        287         0         %100           51         M50A         X         1.31         .131         0         %100           52         M50A         Z        075        075         0         %100           53         M51C         X         .131         .131         0         %100           54         M51C         Z        075        075         0         %100           55         M52A         X							
444         M42         X         .265         .265         .0         %100           45         M42         X         .265         .265         0         %100           46         M42         Z        153         0         %100           47         M44         X         .279         .279         0         %100           48         M44         Z        161        161         0         %100           49         M49         X         .498         0         %100           50         M49         Z        287        287         0         %100           51         M50A         X         .131         .131         0         %100           51         M50A         X         .131         .131         0         %100           52         M50A         Z        075        075         0         %100           53         M51C         X         .131         .131         0         %100           54         M51C         Z        075         .075         0         %100           55         M52A         X         .261         .							
45         M42         X         .265         .265         .0         %100           46         M42         Z        153        153         0         %100           47         M44         X         .279         .279         0         %100           48         M44         Z        161        161         0         %100           49         M49         X         .498         .498         0         %100           50         M49         Z        287         0         %100           51         M50A         X         .131         .131         0         %100           51         M50A         X         .131         .131         0         %100           52         M50A         Z        075        075         .0         %100           53         M51C         X         .131         .131         0         %100           54         M51C         Z         .075         .075         0         %100           54         M51C         X         .131         .131         0         %100           55         M52A         X         .							
46         M42         Z        153        153         0         %100           47         M44         X         .279         .279         0         %100           48         M44         Z        161        161         0         %100           49         M49         X         .498         .498         0         %100           50         M49         Z        287        287         0         %100           51         M50A         X         .131         .131         0         %100           52         M50A         Z        075        075         0         %100           53         M51C         X         .131         .131         0         %100           54         M51C         Z        075        075         0         %100           55         M52A         X         .261         .261         0         %100           55         M52A         X         .261         .261         0         %100           56         M52A         Z        15        15         0         %100           58         M55         <				.265	.265		
47         M44         X         .279         .279         0         %100           48         M44         Z        161        161         0         %100           50         M49         X         .498         .498         0         %100           50         M49         Z        287        287         0         %100           51         M50A         X         .131         .131         0         %100           52         M50A         Z        075        075         0         %100           53         M51C         X         .131         .131         0         %100           54         M51C         Z        075        075         0         %100           54         M51C         Z        075        075         0         %100           55         M52A         X         .261         .261         0         %100           55         M52A         X         .261         .261         0         %100           56         M52A         Z        15        15         0         %100           57         M55							
48         M44         Z        161        161         0         %100           49         M49         X         .498         .498         0         %100           50         M49         Z        287        287         0         %100           51         M50A         X         .131         .131         0         %100           52         M50A         Z        075        075         0         %100           53         M51C         X         .131         .131         0         %100           54         M51C         Z        075        075         0         %100           54         M51C         Z        075        075         0         %100           55         M52A         X         .261         .261         0         %100           55         M52A         X         .261         .261         0         %100           57         M55         X         .108         .108         0         %100           58         M52A         Z        15        15         0         %100           58         M55			X				
49         M49         X         .498         .498         0         %100           50         M49         Z        287        287         0         %100           51         M50A         X         .131         .131         0         %100           52         M50A         Z        075        075         0         %100           53         M51C         X         .131         .131         0         %100           54         M51C         Z        075        075         0         %100           54         M51C         Z        075        075         0         %100           55         M52A         X         .261         0         %100           56         M52A         Z        15        15         0         %100           56         M52A         Z        15        15         0         %100           57         M55         X         .108         .108         0         %100           58         M52A         Z        063        063         0         %100           59         M56         X <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>							
50         M49         Z        287        287         0         %100           51         M50A         X         .131         .131         .0         %100           52         M50A         Z        075        075         0         %100           53         M51C         X         .131         .131         0         %100           54         M51C         Z        075        075         0         %100           54         M51C         Z        075        075         0         %100           55         M52A         X         .261         .261         0         %100           56         M52A         Z        15        15         0         %100           56         M52A         Z        15        15         0         %100           57         M55         X         .108         .108         0         %100           58         M55         Z        063        063         0         %100           59         M56         X         .434         .434         .434         0         %100           60							
51         M50A         X         .131         .131         0         %100           52         M50A         Z        075        075         0         %100           53         M51C         X         .131         .131         0         %100           54         M51C         Z        075        075         0         %100           55         M52A         X         .261         .261         0         %100           56         M52A         Z        15        15         0         %100           56         M52A         Z        15        15         0         %100           57         M55         X         .108         .108         0         %100           58         M55         Z        063        063         0         %100           59         M56         X         .434         .434         0         %100           60         M56         Z        251        251         0         %100           61         M60         X         .782         .782         0         %100           63         M61 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>							
52         M50A         Z        075        075         0         %100           53         M51C         X         1.31         .131         0         %100           54         M51C         Z        075        075         0         %100           55         M52A         X         .261         .261         0         %100           56         M52A         Z        15        15         0         %100           56         M52A         Z        15        15         0         %100           56         M52A         Z        15        15         0         %100           57         M55         X         .108         .108         0         %100           58         M55         Z        063        063         0         %100           59         M56         X         .434         .434         0         %100           60         M56         Z        251        251         0         %100           61         M60         X         .782         .782         0         %100           62         M60 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>							
53         M51C         X         .131         .131         0         %100           54         M51C         Z        075        075         0         %100           55         M52A         X         .261         .261         0         %100           56         M52A         Z        15        15         0         %100           57         M55         X         .108         .108         0         %100           58         M55         Z        063        063         0         %100           59         M56         X         .434         .434         0         %100           60         M56         Z        251        251         0         %100           61         M60         X         .782         .782         0         %100           62         M60         Z        451        451         0         %100           63         M61         X         .265         .265         0         %100           64         M61         Z        153        153         0         %100           66         M63			Z				
54         M51C         Z        075        075         0         %100           55         M52A         X         .261         .261         0         %100           56         M52A         Z        15        15         0         %100           57         M55         X         .108         .108         0         %100           58         M55         Z        063        063         0         %100           59         M56         X         .434         .434         0         %100           60         M56         Z        251        251         0         %100           61         M60         X         .782         .782         0         %100           62         M60         Z        451        451         0         %100           63         M61         X         .265         .265         0         %100           64         M61         Z        153        153         0         %100           65         M63         X         .279         .279         0         %100           67         M65         X	53		Х		.131	0	
55         M52A         X         .261         .261         0         %100           56         M52A         Z        15        15         0         %100           57         M55         X         .108         .108         0         %100           58         M55         Z        063        063         0         %100           59         M56         X         .434         .434         0         %100           60         M56         Z        251        051         0         %100           61         M60         X         .782         .782         0         %100           61         M60         X         .782         .782         0         %100           62         M60         Z        451        451         0         %100           63         M61         X         .265         .265         0         %100           64         M61         Z        153        153         0         %100           65         M63         X         .279         .279         0         %100           67         M65         X <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>							
56         M52A         Z        15        15         0         %100           57         M55         X         .108         .108         0         %100           58         M55         Z        063        063         0         %100           59         M56         X         .434         .434         0         %100           60         M56         Z        251        251         0         %100           61         M60         X         .782         .782         0         %100           61         M60         X         .782         .782         0         %100           62         M60         Z        451        451         0         %100           63         M61         X         .265         .265         0         %100           64         M61         Z        153        153         0         %100           65         M63         X         .279         .279         0         %100           66         M63         Z        161         0         %100           68         M65         Z        451 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>							
57         M55         X         .108         .108         0         %100           58         M55         Z        063        063         0         %100           59         M56         X         .434         .434         0         %100           60         M56         Z        251        251         0         %100           61         M60         X         .782         .782         0         %100           61         M60         X         .782         .782         0         %100           62         M60         Z        451        451         0         %100           63         M61         X         .265         .265         0         %100           64         M61         Z        153        153         0         %100           65         M63         X         .279         .279         0         %100           66         M63         Z        161        161         0         %100           67         M65         X         .782         .782         0         %100           68         M65         Z <td></td> <td></td> <td></td> <td></td> <td></td> <td>0</td> <td></td>						0	
58         M55         Z        063        063         0         %100           59         M56         X         .434         .434         0         %100           60         M56         Z        251        251         0         %100           61         M60         X         .782         .782         0         %100           62         M60         Z        451        451         0         %100           63         M61         X         .265         .265         0         %100           64         M61         Z        153        153         0         %100           65         M63         X         .279         .279         0         %100           66         M63         Z        161        161         0         %100           67         M65         X         .782         .782         0         %100           68         M65         Z        451        451         0         %100           70         M66         X         1.061         1.061         0         %100           71         M68			Х			0	
59         M56         X         .434         .434         0         %100           60         M56         Z        251        251         0         %100           61         M60         X         .782         .782         0         %100           62         M60         Z        451        451         0         %100           63         M61         X         .265         .265         0         %100           64         M61         Z        153        153         0         %100           65         M63         X         .279         .279         0         %100           66         M63         Z        161        161         0         %100           67         M65         X         .782         .782         0         %100           69         M65         X         1.061         1.061         0         %100           70         M66         X         1.061         1.061         0         %100           72         M68         X         1.118         1.118         0         %100           74         M73	58			063		0	
60         M56         Z        251        251         0         %100           61         M60         X         .782         .782         0         %100           62         M60         Z        451        451         0         %100           63         M61         X         .265         .265         0         %100           64         M61         Z        153        153         0         %100           65         M63         X         .279         .279         0         %100           66         M63         Z        161        161         0         %100           67         M65         X         .782         .782         0         %100           68         M65         Z        451        451         0         %100           69         M66         X         1.061         1.061         0         %100           70         M68         Z        613        613         0         %100           72         M68         Z        645        645         0         %100           74         M73 <t< td=""><td></td><td></td><td>Х</td><td></td><td></td><td>0</td><td></td></t<>			Х			0	
61       M60       X       .782       .782       0       %100         62       M60       Z      451      451       0       %100         63       M61       X       .265       .265       0       %100         64       M61       Z      153      153       0       %100         65       M63       X       .279       .279       0       %100         66       M63       Z      161      161       0       %100         67       M65       X       .782       .782       0       %100         68       M65       Z      451      451       0       %100         69       M66       X       1.061       1.061       0       %100         70       M66       Z      613      613       0       %100         71       M68       X       1.118       1.118       0       %100         72       M68       Z      645      645       0       %100         74       M73       X       .152       .152       0       %100         75       M74       X	60					0	%100
62       M60       Z      451      451       0       %100         63       M61       X       .265       .265       0       %100         64       M61       Z      153      153       0       %100         65       M63       X       .279       .279       0       %100         66       M63       Z      161      161       0       %100         67       M65       X       .782       .782       0       %100         68       M65       Z      451      451       0       %100         69       M66       X       1.061       1.061       0       %100         70       M66       Z      613      613       0       %100         71       M68       X       1.118       1.118       0       %100         72       M68       Z      645      645       0       %100         74       M73       X       .152       .152       0       %100         75       M74       X       .608       .608       0       %100							
63         M61         X         .265         .265         0         %100           64         M61         Z        153        153         0         %100           65         M63         X         .279         .279         0         %100           66         M63         Z        161        161         0         %100           67         M65         X         .782         .782         0         %100           68         M65         Z        451        451         0         %100           69         M66         X         1.061         1.061         0         %100           70         M66         Z        613        613         0         %100           71         M68         X         1.118         1.118         0         %100           72         M68         Z        645        645         0         %100           73         M73         X         .152         .152         0         %100           74         M73         Z        088        088         0         %100           75         M74 <t< td=""><td></td><td></td><td>Z</td><td>451</td><td>451</td><td>0</td><td>%100</td></t<>			Z	451	451	0	%100
64       M61       Z      153      153       0       %100         65       M63       X       .279       .279       0       %100         66       M63       Z      161      161       0       %100         67       M65       X       .782       .782       0       %100         68       M65       Z      451      451       0       %100         69       M66       X       1.061       1.061       0       %100         70       M66       Z      613      613       0       %100         71       M68       X       1.118       1.118       0       %100         72       M68       Z      645      645       0       %100         73       M73       X       .152       .152       0       %100         74       M73       Z      088      088       0       %100         75       M74       X       .608       .608       0       %100							
65       M63       X       .279       .279       0       %100         66       M63       Z      161      161       0       %100         67       M65       X       .782       .782       0       %100         68       M65       Z      451      451       0       %100         69       M66       X       1.061       1.061       0       %100         70       M66       Z      613      613       0       %100         71       M68       X       1.118       1.118       0       %100         72       M68       Z      645      645       0       %100         73       M73       X       .152       .152       0       %100         74       M73       Z      088      088       0       %100         75       M74       X       .608       .608       0       %100							
66         M63         Z        161        161         0         %100           67         M65         X         .782         .782         0         %100           68         M65         Z        451        451         0         %100           69         M66         X         1.061         1.061         0         %100           70         M66         Z        613        613         0         %100           71         M68         X         1.118         1.118         0         %100           72         M68         Z        645        645         0         %100           73         M73         X         .152         .152         0         %100           74         M73         Z        088        088         0         %100           75         M74         X         .608         .608         0         %100			X		.279	0	
67       M65       X       .782       .782       0       %100         68       M65       Z      451      451       0       %100         69       M66       X       1.061       1.061       0       %100         70       M66       Z      613      613       0       %100         71       M68       X       1.118       1.118       0       %100         72       M68       Z      645      645       0       %100         73       M73       X       .152       .152       0       %100         74       M73       Z      088      088       0       %100         75       M74       X       .608       .608       0       %100			Z	161	161		
68       M65       Z      451      451       0       %100         69       M66       X       1.061       1.061       0       %100         70       M66       Z      613      613       0       %100         71       M68       X       1.118       1.118       0       %100         72       M68       Z      645      645       0       %100         73       M73       X       .152       .152       0       %100         74       M73       Z      088      088       0       %100         75       M74       X       .608       .608       0       %100	67		X			0	
69       M66       X       1.061       1.061       0       %100         70       M66       Z      613      613       0       %100         71       M68       X       1.118       1.118       0       %100         72       M68       Z      645      645       0       %100         73       M73       X       .152       .152       0       %100         74       M73       Z      088      088       0       %100         75       M74       X       .608       .608       0       %100	68		Z			0	
70         M66         Z        613        613         0         %100           71         M68         X         1.118         1.118         0         %100           72         M68         Z        645        645         0         %100           73         M73         X         .152         .152         0         %100           74         M73         Z        088        088         0         %100           75         M74         X         .608         .608         0         %100			X			0	
71     M68     X     1.118     1.118     0     %100       72     M68     Z    645    645     0     %100       73     M73     X     .152     .152     0     %100       74     M73     Z    088    088     0     %100       75     M74     X     .608     .608     0     %100							
72     M68     Z    645    645     0     %100       73     M73     X     .152     .152     0     %100       74     M73     Z    088    088     0     %100       75     M74     X     .608     .608     0     %100	71		X		1.118		%100
73         M73         X         .152         .152         0         %100           74         M73         Z        088        088         0         %100           75         M74         X         .608         .608         0         %100			Z	645	645		
74         M73         Z        088        088         0         %100           75         M74         X         .608         .608         0         %100	73	M73	X			0	%100
75 M74 X .608 .608 0 %100	74		Z				
	75		X				
	76	M74	Z	351	351	0	%100
77 M75 X .152 .152 0 %100			X			0	%100
78 M75 Z088088 0 %100	78					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,%]
79	MP1A	X	.413	.413	0	%100
80	MP1A	Z	238	238	0	%100
81	MP2A	X	.499	.499	0	%100
82	MP2A	Z	288	288	0	%100
83	MP3A	X	.413	.413	0	%100
84	MP3A	Z	238	238	0	%100
85	MP4A	X	.413	.413	0	%100
86	MP4A	Z	238	238	0	%100
87	M85A	X	.337	.337	0	%100
88	M85A	Z	195	195	0	%100
89	MP1C	X	.413	.413	0	%100
90	MP1C	Z	238	238	0	%100
91	MP2C	X	.499	.499	0	%100
92	MP2C	Z	288	288	0	%100
93	MP3C	X	.413	.413	0	%100
94	MP3C	Z	238	238	0	%100
95	MP4C	X	.413	.413	0	%100
96	MP4C	Z	238	238	0	%100
97	MP1B	X	.413	.413	0	%100
98	MP1B	Z	238	238	0	%100
99	MP2B	X	.499	.499	0	%100
100	MP2B	Z	288	288	0	%100
101	MP3B	X	.413	.413	0	%100
102	MP3B	Z	238	238	0	%100
103	MP4B	X	.413	.413	0	%100
104	MP4B	Z	238	238	0	%100
105	M102	X	.125	.125	0	%100
106	M102	Z	072	072	0	%100
107	M108	X	.125	.125	0	%100
108	M108	Z	072	072	0	%100
109	M114	X	.499	.499	0	%100
110	M114	Z	288	288	0	%100
111	M125	X	.654	.654	0	%100
112	M125	Z	378	378	0	%100
113	M126	X	.164	.164	0	%100
114	M126	Z	094	094	0	%100
115	M127	X	.164	.164	0	%100
116	M127	Z	094	094	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	M4	X	.767	.767	0	%100
2	M4	Z	0	0	0	%100
3	M10	X	0	0	0	%100
4	M10	Z	0	0	0	%100
5	M43	X	0	0	0	%100
6	M43	Ζ	0	0	0	%100
7	M46	X	0	0	0	%100
8	M46	Z	0	0	0	%100
9	M51B	X	.376	.376	0	%100
10	M51B	Ζ	0	0	0	%100
11	M52B	X	.376	.376	0	%100
12	M52B	Ζ	0	0	0	%100
13	M76	X	1.203	1.203	0	%100
14	M76	Z	0	0	0	%100
15	M77	X	.919	.919	0	%100

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

	Member Label	Direction		End Magnitude[lb/ft,F		End Location[ft,%]
16	M77	Z	0	0	0	%100
17	M80	X	.968	.968	0	%100
18	M80	Z	0	0	0	%100
19	M84	X	1.203	1.203	0	%100
20	M84	Z	0	0	0	%100
21	M85	X	.919	.919	0	%100
22	M85	Z	0	0	0	%100
23	M91	X	.968	.968	0	%100
24	M91	Ζ	0	0	0	%100
25	M25	X	.192	.192	0	%100
26	M25	Z	0	0	0	%100
27	M26	X	.452	.452	0	%100
28	M26	Z	0	0	0	%100
29	M27	X	.452	.452	0	%100
30	M27	Z	0	0	0	%100
31	M28	X	.902	.902	0	%100
32	M28	Z	0	0	0	%100
33	M31	X	.376	.376	0	%100
34	M31	Z	0	0	0	%100
35	M32	X	0	0	0	%100
36	M32	Z	0	0	0	%100
37	M36	X	.301	.301	0	%100
38	M36	Z	0	0	0	%100
39	M37	X	.919	.919	0	%100
40	M37	Z	0	0	0	%100
41	M39	X	.968	.968	0	%100
42	M39	Z	0	0	0	%100
43	M41	X	.301	.301	0	%100
44	M41	Z	0	0	0	%100
45	M42	X	0	0	0	%100
46	M42	Z	0	0	0	%100
47	M44	X	0	0	0	%100
48	M44	Z	0	0	0	%100
49	M49	X Z	.192	.192	0	%100 %100
50	M49		0	0	0	%100 %100
51	M50A	X Z	.452	.452	0	%100 %100
52	M50A		0	.452	0	%100 %100
53 54	M51C M51C	Z Z	.452 0	.452	0	%100 %100
55		X	.902	.902	0	%100 %100
56	M52A M52A	Z	.902	.902	0	%100 %100
57	M55	X	0	0	0	%100 %100
58	M55	Z	0	0	0	%100 %100
59	M56	X	.376	.376	0	%100 %100
60	M56	Z	0	0	0	%100 %100
61	M60	X	.301	.301	0	%100 %100
62	M60	Z	0	0	0	%100 %100
63	M61	X	0	0	0	%100 %100
64	M61	Z	0	0	0	%100 %100
65	M63	X	0	0	0	%100 %100
66	M63	Ž	0	0	0	%100
67	M65	X	.301	.301	0	%100
68	M65	Ž	0	0	0	%100
69	M66	X	.919	.919	0	%100
70	M66	Z	0	0	0	%100
71	M68	X	.968	.968	0	%100
72	M68	Z	0	0	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft,	.End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
73	M73	X	0	0	0	%100
74	M73	Z	0	0	0	%100
75	M74	X	.526	.526	0	%100
76	M74	Z	0	0	0	%100
77	M <b>7</b> 5	X	.526	.526	0	%100
78	M75	Ζ	0	0	0	%100
79	MP1A	Х	.476	.476	0	%100
80	MP1A	Z	0	0	0	%100
81	MP2A	X	.577	.577	0	%100
82	MP2A	Z	0	0	0	%100
83	MP3A	Х	.476	.476	0	%100
84	MP3A	Z	0	0	0	%100
85	MP4A	Х	.476	.476	0	%100
86	MP4A	Z	0	0	0	%100
87	M85A	X	.39	.39	0	%100
88	M85A	Z	0	0	0	%100
89	MP1C	X	.476	.476	0	%100
90	MP1C	Z	0	0	0	%100
91	MP2C	X	.577	.577	0	%100
92	MP2C	Z	0	0	0	%100
93	MP3C	X	.476	.476	0	%100
94	MP3C	Z	0	0	0	%100
95	MP4C	X	.476	.476	0	%100
96	MP4C	Z	0	0	0	%100
97	MP1B	X	.476	.476	0	%100
98	MP1B	Z	0	0	0	%100
99	MP2B	X	.577	.577	0	%100
100	MP2B	Z	0	0	0	%100
101	MP3B	X	.476	.476	0	%100
102	MP3B	Z	0	0	0	%100
103	MP4B	X	.476	.476	0	%100
104	MP4B	Z	0	0	0	%100
105	M102	X	.432	.432	0	%100
106	M102	Z	0	0	0	%100
107	M108	X	0	0	0	%100
108	M108	Ž	0	0	0	%100
109	M114	X	.432	.432	0	%100
110	M114	Ž	0	0	0	%100
111	M125	X	.567	.567	0	%100
112	M125	Ž	0	0	0	%100
113	M126	X	.567	.567	0	%100
114	M126	Z	0	0	0	%100
115	M127	X	0	0	0	%100
116	M127	Ž	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,	.End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
1	M4	X	.498	.498	0	%100
2	M4	Z	.287	.287	0	%100
3	M10	X	.131	.131	0	%100
4	M10	Ζ	.075	.075	0	%100
5	M43	X	.131	.131	0	%100
6	M43	Ζ	.075	.075	0	%100
7	M46	X	.261	.261	0	%100
8	M46	Z	.15	.15	0	%100
9	M51B	X	.108	.108	0	%100

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

	Member Label	Direction		End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
10	M51B	Z	.063	.063	0	%100
11	M52B	X	.434	.434	0	%100
12	M52B	Z	.251	.251	0	%100
13	M76	X	.782	.782	0	%100
14	M76	Z	.451	.451	0	%100
15	M77	X	.265	.265	0	%100
16	M77	Z	.153	.153	0	%100
17	M80	X	.279	.279	0	%100
18	M80	Z	.161	.161	0	%100
19	M84	X	.782	.782	0	%100
20	M84	Z	.451	.451	0	%100
21	M85	X	1.061	1.061	0	%100
22	M85	Z	.613	.613	0	%100
23	M91	X	1.118	1.118	0	%100
24	M91	Z	.645	.645	0	%100
25	M25	X	.498	.498	0	%100
26	M25	Z	.287	.287	0	%100
27	M26	X	.131	.131	0	%100
28	M26	Z	.075	.075	0	%100
29	M27	X	.131	.131	0	%100
30	M27	Z	.075	.075	0	%100
31	M28	X	.261	.261	0	%100
32	M28	Z	.15	.15	0	%100
33	<u>M31</u>	X	.434	.434	0	%100
34	M31	Z	.251	.251	0	%100
35	M32	X	.108	.108	0	%100
36	M32	Z	.063	.063	0	%100
37	M36	X	.782	.782	0	%100
38	M36	Z	.451	.451	0	%100
39	M37	X	1.061	1.061	0	%100
40	M37	Z	.613	.613	0	%100
41	M39	X	1.118	1.118	0	%100
42	M39	Z	.645	.645	0	%100
43	M41	X	.782	.782	0	%100
44	M41	Z	.451	.451	0	%100
45	M42	X	.265	.265	0	%100
46	M42	Z	.153	.153	0	%100
47	M44	X	.279	.279	0	%100
48	M44	Z	.161	.161	0	%100
49	M49	X	0	0	0	%100
50	M49	Z	0	0	0	%100
51	M50A	X	.522	.522	0	%100
52	M50A	Z	.302	.302	0	%100
53	M51C	X	.522	.522	0	%100
54	M51C	Z	.302	.302	0	%100
55	M52A	X	1.042	1.042	0	%100
56	M52A	Z	.602	.602	0	%100
57	<u>M55</u>	X	.108	.108	0	%100
58	M55	Z	.063	.063	0	%100
59	M56	X	.108	.108	0	%100
60	M56	Z	.063	.063	0	%100
61	M60	X	0	0	0	%100
62	M60	Z	0	0	0	%100
63	M61	X	.265	.265	0	%100
64	<u>M61</u>	Z	.153	.153	0	%100
65	M63	X	.279	.279	0	%100
66	M63	Z	.161	.161	0	%100



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

67         M65         X         0         0           68         M65         Z         0         0           69         M66         X         .265         .265           70         M66         Z         .153         .153           71         M68         X         .279         .279           72         M68         Z         .161         .161	0 0 0 0 0 0	%100 %100 %100 %100 %100
69     M66     X     .265     .265       70     M66     Z     .153     .153       71     M68     X     .279     .279	0 0 0	%100 %100 %100
70         M66         Z         .153         .153           71         M68         X         .279         .279	0 0 0	%100 %100
71 M68 X .279 .279	0	%100
	0	
70 M60 7 464 464		* * * *
	n	%100
73 M73 X .152 .152	0	%100
74 M73 Z .088 .088	0	%100
75 M74 X .152 .152	0	%100
76 M74 Z .088 .088	0	%100
77 M75 X .608 .608	0	%100
78 M75 Z .351 .351	0	%100
79 MP1A X .413 .413	0	%100
80 MP1A Z .238 .238	0	%100
81 MP2A X .499 .499	0	%100
82 MP2A Z .288 .288	0	%100
83 MP3A X .413 .413	0	%100
84 MP3A Z .238 .238	0	%100
85 MP4A X .413 .413	0	%100
86 MP4A Z .238 .238	0	%100
87 M85A X .337 .337	0	%100
88 M85A Z .195 .195	0	%100
89 MP1C X .413 .413	0	%100
90 MP1C Z .238 .238	0	%100
91 MP2C X .499 .499	0	%100
92 MP2C Z .288 .288	0	%100
93 MP3C X .413 .413	0	%100
94 MP3C Z .238 .238	0	%100
95 MP4C X .413 .413	0	%100
96 MP4C Z .238 .238	0	%100
97 MP1B X .413 .413	0	%100
98 MP1B Z .238 .238	0	%100
99 MP2B X .499 .499	0	%100
100 MP2B Z .288 .288	0	%100
101 MP3B X .413 .413	0	%100
102 MP3B Z .238 .238	0	%100
103 MP4B X .413 .413	0	%100
104 MP4B Z .238 .238	0	%100
105 M102 X .499 .499	0	%100
106 M102 Z .288 .288	0	%100
107 M108 X .125 .125	0	%100
108 M108 Z .072 .072	0	%100
109 M114 X .125 .125	0	%100
110 M114 Z .072 .072	0	%100
111 M125 X .164 .164	0	%100
112 M125 Z .094 .094	0	%100
113 M126 X .654 .654	0	%100
114 M126 Z .378 .378	0	%100
115 M127 X .164 .164	0	%100
116 M127 Z .094 .094	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	M4	X	.096	.096	0	%100
2	M4	Z	.166	.166	0	%100
3	M10	X	.226	.226	0	%100



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

4		Member Label	Direction		End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft.%]
6         M43         Z         392         0         %100           7         M46         X         451         451         0         %100           8         M46         Z         782         782         0         %100           19         M51B         X         0         0         0         %100           10         M51B         Z         0         0         0         %100           11         M52B         X         188         188         0         %100           12         M52B         Z         325         325         0         %100           14         M76         X         15         .15         0         %100           14         M76         Z         281         .261         0         %100           15         M77         X         0         0         0         %100           15         M77         X         0         0         0         %100           16         M77         X         0         0         0         %100           17         M80         X         0         0         0         %1							
T			X				
8         M46         Z         .782         .782         .0         %100           10         M51B         Z         0         0         0         %4100           11         M52B         X         .188         .188         0         %4100           12         M52B         Z         .325         .325         0         94100           14         M76         X         .15         .15         .0         94100           14         M76         Z         .261         .261         0         94100           15         M77         X         0         0         0         94100           16         M77         X         0         0         0         94100           17         M80         X         0         0         0         94100           19         M84         X         2.61         .2							
9							
10							
11							
12							
13			X				
14							
15							
16							
17							
18							
19							
20							
21         M85         X         46         .46         0         %100           22         M85         Z         .796         0         %100           23         M91         X         .484         .484         0         %100           24         M91         Z         .838         .838         0         %100           25         M25         X         .383         .383         0         %100           26         M25         Z         .664         .664         0         %100           26         M25         Z         .664         .664         0         %100           27         M26         X         0         0         0         %100           28         M26         Z         0         0         0         %100           29         M27         X         0         0         0         %100           31         M28         X         0         0         0         %100           32         M28         Z         0         0         0         %100           34         M31         Z         .325         .325         0							
22							
23         M91         X         484         4.84         0         %100           24         M91         Z         838         838         0         %100           26         M25         X         383         383         0         %100           26         M25         Z         664         .664         0         %100           27         M26         X         0         0         0         %100           28         M26         Z         0         0         0         %100           29         M27         X         0         0         0         %100           30         M27         Z         0         0         0         %100           31         M28         X         0         0         0         %100           32         M28         Z         0         0         0         %100           34         M31         X         188         188         0         %100           34         M31         Z         325         325         0         %100           36         M32         X         188         188 <td< td=""><td></td><td></td><td><u> </u></td><td></td><td></td><td></td><td></td></td<>			<u> </u>				
24         M91         Z         838         .838         0         %100           25         M25         X         .383         .383         0         %100           26         M25         Z         .664         .664         0         %100           27         M26         X         0         0         0         %100           28         M26         Z         0         0         0         %100           29         M27         X         0         0         0         %100           30         M27         Z         0         0         0         %100           30         M27         Z         0         0         0         %100           32         M28         Z         0         0         0         %100           33         M31         X         .188         .188         0         %6100           34         M31         X         .188         .188         0         %6100           35         M32         X         .188         .188         0         %100           36         M32         X         .188         .188 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>							
25         M25         X         .383         .383         0         %100           26         M25         Z         .664         .664         0         %100           27         M26         X         0         0         0         %100           28         M26         Z         0         0         0         %100           29         M27         X         0         0         0         %100           30         M27         Z         0         0         0         %100           31         M28         X         0         0         0         %100           31         M28         X         0         0         0         %100           32         M28         Z         0         0         0         %100           33         M31         X         .188         .188         0         %100           34         M31         Z         .325         .325         0         %100           35         M32         X         .188         .188         0         %100           36         M32         Z         .325         .325							
26         M25         Z         .664         .664         0         %100           27         M26         X         0         0         0         %100           28         M26         Z         0         0         0         %100           29         M27         X         0         0         0         %100           30         M27         Z         0         0         0         %100           31         M28         X         0         0         0         %100           32         M28         Z         0         0         0         %100           33         M31         X         188         188         0         %100           34         M31         Z         .325         .325         0         %100           35         M32         X         .188         .188         0         %100           36         M32         X         .188         .188         0         %100           37         M36         X         .602         .602         0         %100           38         M36         Z         1.042         1.042							
27         M26         X         0         0         %100           28         M26         Z         0         0         %100           29         M27         X         0         0         0         %100           30         M27         Z         0         0         0         %100           31         M28         X         0         0         0         %100           32         M28         Z         0         0         0         %100           33         M31         X         188         .188         0         %100           34         M31         Z         .325         .325         .0         %100           35         M32         X         .188         .188         0         %100           36         M32         Z         .325         .325         .0         %100           37         M36         X         .602         .602         0         %100           38         M36         Z         1.042         1.042         0         %100           39         M37         X         46         46         0         %100 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>							
28         M26         Z         0         0         %100           29         M27         X         0         0         0         %100           31         M28         X         0         0         0         %100           32         M28         Z         0         0         0         %100           33         M31         X         188         188         0         %100           34         M31         Z         325         325         0         %100           35         M32         X         188         .188         0         %100           36         M32         X         .188         .188         0         %100           37         M36         X         .602         .602         0         %100           38         M36         Z         1.042         1.042         0         %100           39         M37         X         .46         .46         0         %100           40         M37         Z         .796         .796         .960         %100           42         M39         X         .848         .484							
29         M27         X         0         0         0         %100           30         M27         Z         0         0         0         %100           31         M28         X         0         0         0         %100           32         M28         Z         0         0         0         %100           33         M31         X         .188         .188         0         %100           34         M31         Z         .325         .325         0         %100           35         M32         X         .188         .188         0         %100           36         M32         Z         .325         .325         0         %100           36         M32         Z         .325         .325         0         %100           38         M36         X         .602         .602         0         %100           39         M37         X         .46         .46         0         %100           40         M37         Z         .796         .796         0         %100           41         M39         X         .484 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>							
30							
31         M28         X         0         0         0         %100           32         M28         Z         0         0         0         %100           33         M31         X         .188         .188         0         %100           34         M31         Z         .325         .325         0         %100           35         M32         X         .188         .188         0         %100           36         M32         Z         .325         .325         0         %100           37         M36         X         .602         .602         0         %100           38         M36         Z         1.042         1.042         0         %100           39         M37         X         .46         .46         0         %100           40         M37         Z         .796         .796         0         %100           41         M39         X         .484         .484         0         %100           42         M39         Z         .838         .838         0         %100           43         M41         X         .602 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>							
32         M28         Z         0         0         %100           33         M31         X         .188         .188         0         %100           34         M31         Z         .325         .325         0         %100           35         M32         X         .188         .188         0         %100           36         M32         Z         .325         .325         0         %100           37         M36         X         .602         .602         0         %100           38         M36         Z         1.042         1.042         0         %100           39         M37         X         .46         .46         0         %100           40         M37         Z         .796         .796         0         %100           41         M39         X         .484         .484         0         %100           42         M39         Z         .838         .838         0         %100           43         M41         X         .602         .602         0         %100           45         M42         X         .46 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>							
33         M31         X         .188         .188         0         %100           34         M31         Z         .325         .325         0         %100           35         M32         X         .188         .188         0         %100           36         M32         Z         .325         .325         0         %100           37         M36         X         .602         .602         0         %100           38         M36         Z         1.042         1.042         0         %100           39         M37         X         .46         .46         0         %100           40         M37         Z         .796         .796         0         %100           41         M39         X         .484         .484         0         %100           42         M39         Z         .838         .838         0         %100           44         M41         X         .602         .602         0         %100           44         M41         X         .602         .602         0         %100           45         M42         X			X				
34         M31         Z         .325         .325         0         %100           35         M32         X         .188         .188         0         %100           36         M32         Z         .325         .325         0         %100           37         M36         X         .602         .602         0         %100           38         M36         Z         1.042         1.042         0         %100           39         M37         X         .46         .46         0         %100           40         M37         Z         .796         .796         0         %100           41         M39         X         .484         .484         0         %100           42         M39         Z         .838         .838         0         %100           43         M41         X         .602         .602         0         %100           44         M41         Z         1.042         1.042         0         %100           45         M42         X         .46         .46         0         %100           45         M42         X							
35         M32         X         .188         .188         0         %100           36         M32         Z         .325         .325         0         %100           37         M36         X         .602         .602         0         %100           38         M36         Z         1.042         1.042         0         %100           39         M37         X         .46         .46         0         %100           40         M37         Z         .796         .796         0         %100           41         M39         X         .484         .484         0         %100           42         M39         Z         .838         .838         0         %100           43         M41         X         .602         .602         0         %100           44         M41         Z         1.042         1.042         0         %100           45         M42         X         .46         .46         0         %100           45         M42         X         .46         .46         0         %100           47         M44         X         <							
36         M32         Z         .325         .325         0         %100           37         M36         X         .602         .602         0         %100           38         M36         Z         1.042         1.042         0         %100           39         M37         X         .46         .46         0         %100           40         M37         Z         .796         .796         0         %100           41         M39         X         .484         .484         0         %100           42         M39         Z         .838         .838         0         %100           43         M41         X         .602         .602         0         %100           44         M41         Z         1.042         1.042         0         %100           45         M42         X         .46         .46         0         %100           45         M42         X         .46         .46         0         %100           47         M44         X         .484         .484         .0         %100           48         M44         Z							
37         M36         X         .602         .602         0         %100           38         M36         Z         1.042         1.042         0         %100           39         M37         X         .46         .46         0         %100           40         M37         Z         .796         .796         0         %100           41         M39         X         .484         .484         0         %100           42         M39         Z         .838         .838         0         %100           43         M41         X         .602         .602         0         %100           44         M41         Z         1.042         1.042         0         %100           45         M42         X         .46         .46         0         %100           46         M42         Z         .796         .796         0         %100           47         M44         X         .484         .484         0         %100           48         M44         Z         .838         .838         0         %100           50         M49         X			X 7				
38         M36         Z         1.042         1.042         0         %100           39         M37         X         .46         .46         0         %100           40         M37         Z         .796         .796         0         %100           41         M39         X         .484         .484         0         %100           42         M39         Z         .838         .838         0         %100           43         M41         X         .602         .602         0         %100           44         M41         Z         1.042         1.042         0         %100           44         M41         Z         1.042         1.042         0         %100           45         M42         X         .46         .46         0         %100           46         M42         Z         .796         .796         0         %100           47         M44         X         .484         .484         0         %100           48         M44         Z         .838         .838         0         %100           49         M49         X							
39         M37         X         .46         .46         0         %100           40         M37         Z         .796         .796         0         %100           41         M39         X         .484         .484         0         %100           42         M39         Z         .838         838         0         %100           43         M41         X         .602         .602         0         %100           44         M41         Z         1.042         1.042         0         %100           45         M42         X         .46         .46         0         %100           46         M42         Z         .796         .796         0         %100           47         M44         X         .484         .484         0         %100           48         M44         Z         .838         .838         0         %100           49         M49         X         .096         .096         0         %100           50         M49         Z         .166         .166         0         %100           51         M50A         X         <							
40         M37         Z         .796         .796         0         %100           41         M39         X         .484         .484         0         %100           42         M39         Z         .838         .838         0         %100           43         M41         X         .602         .602         0         %100           44         M41         Z         1.042         1.042         0         %100           45         M42         X         .46         .46         0         %100           46         M42         Z         .796         .796         0         %100           47         M44         X         .484         .484         0         %100           48         M44         Z         .838         .838         0         %100           49         M49         X         .096         .096         0         %100           50         M49         Z         .166         .166         0         %100           51         M50A         X         .226         .226         0         %100           52         M50A         Z							
41         M39         X         .484         .484         0         %100           42         M39         Z         .838         .838         0         %100           43         M41         X         .602         .602         0         %100           44         M41         Z         1.042         1.042         0         %100           45         M42         X         .46         .46         0         %100           46         M42         Z         .796         .796         0         %100           47         M44         X         .484         .484         0         %100           48         M44         Z         .838         .838         0         %100           49         M49         X         .096         .096         0         %100           50         M49         Z         .166         .166         0         %100           51         M50A         X         .226         .226         0         %100           52         M50A         Z         .392         .392         0         %100           53         M51C         X							
42         M39         Z         .838         .838         0         %100           43         M41         X         .602         .602         0         %100           44         M41         Z         1.042         1.042         0         %100           45         M42         X         .46         .46         0         %100           46         M42         Z         .796         0         %100           47         M44         X         .484         .484         0         %100           48         M44         Z         .838         .838         0         %100           49         M49         X         .096         .096         0         %100           50         M49         Z         .166         .166         0         %100           51         M50A         X         .226         .226         0         %100           51         M50A         X         .226         .226         0         %100           52         M50A         Z         .392         .392         0         %100           53         M51C         X         .226							
43         M41         X         .602         .602         0         %100           44         M41         Z         1.042         1.042         0         %100           45         M42         X         .46         .46         0         %100           46         M42         Z         .796         .796         0         %100           47         M44         X         .484         .484         0         %100           48         M44         Z         .838         .838         0         %100           49         M49         X         .096         .096         0         %100           50         M49         Z         .166         .166         0         %100           51         M50A         X         .226         .226         0         %100           52         M50A         X         .226         .226         0         %100           53         M51C         X         .226         .226         0         %100           54         M51C         Z         .392         .392         0         %100           55         M52A         X							
44         M41         Z         1.042         1.042         0         %100           45         M42         X         .46         .46         0         %100           46         M42         Z         .796         .796         0         %100           47         M44         X         .484         .484         0         %100           48         M44         Z         .838         .838         0         %100           49         M49         X         .096         .096         0         %100           50         M49         Z         .166         .166         0         %100           51         M50A         X         .226         .226         0         %100           51         M50A         X         .226         .226         0         %100           52         M50A         X         .226         .226         0         %100           53         M51C         X         .226         .226         0         %100           54         M51C         X         .226         .226         0         %100           55         M52A         X							
45         M42         X         .46         .46         0         %100           46         M42         Z         .796         .796         0         %100           47         M44         X         .484         .484         0         %100           48         M44         Z         .838         .838         0         %100           49         M49         X         .096         .096         0         %100           50         M49         Z         .166         .166         0         %100           51         M50A         X         .226         .226         0         %100           52         M50A         X         .226         .226         0         %100           53         M51C         X         .226         .226         0         %100           54         M51C         X         .226         .226         0         %100           55         M52A         X         .451         .451         0         %100           56         M52A         X         .782         .782         0         %100           58         M55         X						_	
46         M42         Z         .796         .796         0         %100           47         M44         X         .484         .484         0         %100           48         M44         Z         .838         .838         0         %100           49         M49         X         .096         .096         0         %100           50         M49         Z         .166         .166         0         %100           51         M50A         X         .226         .226         0         %100           52         M50A         X         .226         .226         0         %100           53         M51C         X         .226         .226         0         %100           54         M51C         X         .226         .226         0         %100           54         M51C         X         .451         .451         0         %100           55         M52A         X         .451         .451         0         %100           56         M52A         Z         .782         .782         0         %100           58         M55         X							
47         M44         X         .484         .484         0         %100           48         M44         Z         .838         .838         0         %100           49         M49         X         .096         .096         0         %100           50         M49         Z         .166         .166         0         %100           51         M50A         X         .226         .226         0         %100           52         M50A         Z         .392         .392         0         %100           53         M51C         X         .226         .226         0         %100           54         M51C         Z         .392         .392         0         %100           55         M52A         X         .451         .451         0         %100           56         M52A         Z         .782         .782         0         %100           58         M55         Z         .325         .325         0         %100           59         M56         X         0         0         0         %100							
48         M44         Z         .838         .838         0         %100           49         M49         X         .096         .096         0         %100           50         M49         Z         .166         .166         0         %100           51         M50A         X         .226         .226         0         %100           52         M50A         Z         .392         .392         0         %100           53         M51C         X         .226         .226         0         %100           54         M51C         Z         .392         .392         0         %100           55         M52A         X         .451         .451         0         %100           56         M52A         Z         .782         .782         0         %100           57         M55         X         .188         .188         0         %100           58         M55         Z         .325         .325         0         %100           59         M56         X         0         0         0         %100							
49       M49       X       .096       .096       0       %100         50       M49       Z       .166       .166       0       %100         51       M50A       X       .226       .226       0       %100         52       M50A       Z       .392       .392       0       %100         53       M51C       X       .226       .226       0       %100         54       M51C       Z       .392       .392       0       %100         55       M52A       X       .451       .451       0       %100         56       M52A       Z       .782       .782       0       %100         57       M55       X       .188       .188       0       %100         58       M55       Z       .325       .325       0       %100         59       M56       X       0       0       0       %100			7				
50         M49         Z         .166         .166         0         %100           51         M50A         X         .226         .226         0         %100           52         M50A         Z         .392         .392         0         %100           53         M51C         X         .226         .226         0         %100           54         M51C         Z         .392         .392         0         %100           55         M52A         X         .451         .451         0         %100           56         M52A         Z         .782         .782         0         %100           57         M55         X         .188         .188         0         %100           58         M55         Z         .325         .325         0         %100           59         M56         X         0         0         0         %100							
51         M50A         X         .226         .226         0         %100           52         M50A         Z         .392         .392         0         %100           53         M51C         X         .226         .226         0         %100           54         M51C         Z         .392         .392         0         %100           55         M52A         X         .451         .451         0         %100           56         M52A         Z         .782         .782         0         %100           57         M55         X         .188         .188         0         %100           58         M55         Z         .325         .325         0         %100           59         M56         X         0         0         0         %100							
52         M50A         Z         .392         .392         0         %100           53         M51C         X         .226         .226         0         %100           54         M51C         Z         .392         .392         0         %100           55         M52A         X         .451         .451         0         %100           56         M52A         Z         .782         .782         0         %100           57         M55         X         .188         .188         0         %100           58         M55         Z         .325         .325         0         %100           59         M56         X         0         0         %100							
53         M51C         X         .226         .226         0         %100           54         M51C         Z         .392         .392         0         %100           55         M52A         X         .451         .451         0         %100           56         M52A         Z         .782         .782         0         %100           57         M55         X         .188         .188         0         %100           58         M55         Z         .325         .325         0         %100           59         M56         X         0         0         %100			7				
54         M51C         Z         .392         .392         0         %100           55         M52A         X         .451         .451         0         %100           56         M52A         Z         .782         .782         0         %100           57         M55         X         .188         .188         0         %100           58         M55         Z         .325         .325         0         %100           59         M56         X         0         0         0         %100							
55         M52A         X         .451         .451         0         %100           56         M52A         Z         .782         .782         0         %100           57         M55         X         .188         .188         0         %100           58         M55         Z         .325         .325         0         %100           59         M56         X         0         0         0         %100			7				
56         M52A         Z         .782         .782         0         %100           57         M55         X         .188         .188         0         %100           58         M55         Z         .325         .325         0         %100           59         M56         X         0         0         0         %100							
57         M55         X         .188         .188         0         %100           58         M55         Z         .325         .325         0         %100           59         M56         X         0         0         0         %100			7				
58         M55         Z         .325         .325         0         %100           59         M56         X         0         0         0         %100			X				
59 M56 X 0 0 0 %100			7				
	60	M56	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude[lb/ft,F		End Location[ft,%]
61	M60	X	.15	.15	0	%100
62	M60	Z	.261	.261	0	%100
63	M61	X	.46	.46	0	%100
64	M61	Z	.796	.796	0	%100
65	M63	X	.484	.484	0	%100
66	M63	Z	.838	.838	0	%100
67	M65	X	.15	.15	0	%100
68	M65	Z	.261	.261	0	%100
69	M66	X	0	0	0	%100
70	M66	Z	0	0	0	%100
71	M68	X	0	0	0	%100
72	M68	Z	0	0	0	%100
73	M73	X	.263	.263	0	%100
74	M73	Z	.456	.456	0	%100
75	M74	X	0	0	0	%100
76	M74	Z	0	0	0	%100
77	M75	X	.263	.263	0	%100
78	M75	Z	.456	.456	0	%100
79	MP1A	X	.238	.238	0	%100
80	MP1A	Z	.413	.413	0	%100
81	MP2A	X	.288	.288	0	%100
82	MP2A	Z	.499	.499	0	%100
83	MP3A	X	.238	.238	0	%100
84	MP3A	Z	.413	.413	0	%100
85	MP4A	X	.238	.238	0	%100
86	MP4A	Z	.413	.413	0	%100
87	M85A	X	.195	.195	0	%100
88	M85A	Z	.337	.337	0	%100
89	MP1C	X	.238	.238	0	%100
90	MP1C	Z	.413	.413	0	%100
91	MP2C	X	.288	.288	0	%100
92	MP2C	Z	.499	.499	0	%100
93	MP3C	X	.238	.238	0	%100
94	MP3C	Z	.413	.413	0	%100
95	MP4C	X	.238	.238	0	%100
96	MP4C	Z	.413	.413	0	%100
97	MP1B	X	.238	.238	0	%100 %100
98	MP1B MD2B	Z	.413	.413	0	%100 %100
99	MP2B	X Z	.288	.288	0	%100 %100
100 101	MP2B MP3B		.499 .238	.499 .238		%100 %100
101	MP3B	X Z	.413	.238	0	%100 %100
102	MP3B MP4B					
	MP4B MP4B	X Z	.238 .413	.238 .413	0	%100 %100
104 105	M102	X	.216	.216	0	%100 %100
106	M102	Z	.375	.375	0	%100 %100
107	M108	X	.216	.216	0	%100 %100
108	M108	Z	.375	.375	0	%100 %100
108	M114	X	.375	.375	0	%100 %100
110	M114	Z	0	0	0	%100 %100
111	M125	X	0	0	0	%100 %100
112	M125	Z	0	0	0	%100 %100
113	M126	X	.283	.283	0	%100 %100
114	M126	Z	.491	.491	0	%100 %100
115	M127	X	.283	.283	0	%100 %100
116	M127	Z	.491	.491	0	%100 %100
110	IVI I Z I		.4୪।	.491	U	/0 100



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

	Member Label	Direction		End Magnitude[lb/ft,F	Start Location[ft %]	End Location[ft,%]
1	M4	X	0	0	0	%100
2	M4	Z	0	0	0	%100
3	M10	X	0	0	0	%100
4	M10	Z	.603	.603	0	%100
5	M43	Χ	0	0	0	%100
6	M43	Z	.603	.603	0	%100
7	M46	X	0	0	0	%100
8	M46	Z	1.203	1.203	0	%100
9	M51B	X	0	0	0	%100
10	M51B	Z	.125	.125	0	%100
11	M52B	X	0	0	0	%100
12	M52B	Z	.125	.125	0	%100
13	M76	X	0	0	0	%100
14	M76	Z	0	0	0	%100
15	M77	X	0	0	0	%100
16	M77	Z	.306	.306	0	%100
17	M80	X	0	0	0	%100
18	M80	Z	.323	.323	0	%100
19	M84	X	0	0	0	%100
20	M84	Z	0	0	0	%100
21	M85	X	0	0	0	%100 %100
22	M85	Z	.306	.306	0	%100
23	M91	X	0	0	0	%100
24	M91	Z	.323	.323	0	%100 %400
25	M25 M25	Z Z	.575	.575	0	%100 %100
26					0	%100 %100
27	M26	X Z	0 .151	0 .151	0	%100 %100
28	M26 M27	X		. 151	0	%100 %100
29 30	M27	Z	.151	.151	0	%100 %100
31	M28	X	0	0	0	%100 %100
32	M28	Z	.301	.301	0	%100 %100
33	M31	X	0	0	0	%100 %100
34	M31	Z	.125	.125	0	%100 %100
35	M32	X	0	0	0	%100 %100
36	M32	Z	.501	.501	0	%100
37	M36	X	0	0	0	%100
38	M36	Ž	.902	.902	0	%100
39	M37	X	0	0	0	%100
40	M37	Ž	.306	.306	0	%100
41	M39	X	0	0	0	%100
42	M39	Z	.323	.323	0	%100
43	M41	Х	0	0	0	%100
44	M41	Z	.902	.902	0	%100
45	M42	X	0	0	0	%100
46	M42	Z	1.226	1.226	0	%100
47	M44	X	0	0	0	%100
48	M44	Z	1.291	1.291	0	%100
49	M49	X	0	0	0	%100
50	M49	Z	.575	.575	0	%100
51	M50A	X	0	0	0	%100
52	M50A	Z	.151	.151	0	%100
53	M51C	X	0	0	0	%100
54	M51C	Z	.151	.151	0	%100
55	M52A	X	0	0	0	%100
<u>56</u>	M52A	Z	.301	.301	0	%100
57	M55	X	0	0	0	%100

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

	Member Label	Direction		End Magnitude[lb/ft,F		End Location[ft,%]
58	M55	Z	.501	.501	0	%100
59	M56	X	0	0	0	%100
60	M56	Z	.125	.125	0	%100
61	M60	X	0	0	0	%100
62	M60	Z	.902	.902	0	%100
63	M61	X	0	0	0	%100
64	M61	Z	1.226	1.226	0	%100
65	M63	X	0	0	0	%100
66	M63	Ζ	1.291	1.291	0	%100
67	M65	X	0	0	0	%100
68	M65	Z	.902	.902	0	%100
69	M66	X	0	0	0	%100
70	M66	Z	.306	.306	0	%100
71	M68	X	0	0	0	%100
72	M68	Z	.323	.323	0	%100
73	M73	X	0	0	0	%100
74	M73	Z	.702	.702	0	%100
75	M74	X	0	0	0	%100
76	M74	Z	.175	.175	0	%100
77	M75	X	0	0	0	%100
78	M75	Z	.175	.175	0	%100
79	MP1A	X	0	0	0	%100
80	MP1A	Z	.476	.476	0	%100
81	MP2A	X	0	0	0	%100
82	MP2A	Z	.577	.577	0	%100
83	MP3A	X	0	0	0	%100
84	MP3A	Z	.476	.476	0	%100
85	MP4A	X	0	0	0	%100
86	MP4A	Z	.476	.476	0	%100
87	M85A	X	0	0	0	%100
88	M85A	Z	.39	.39	0	%100
89	MP1C	X	0	0	0	%100
90	MP1C	Z	.476	.476	0	%100
91	MP2C	X	0	0	0	%100
92	MP2C	Z	.577	.577	0	%100
93	MP3C	X	0	0	0	%100
94	MP3C	Z	.476	.476	0	%100
95	MP4C	X	0	0	0	%100 %100
96	MP4C	Z	.476	.476	0	%100 %100
97 98	MP1B MP1B	X Z	.476	.476	0	%100 %100
99	MP2B	X	0.476	.476	0	%100 %100
100	MP2B	Z	.577	.577	0	%100 %100
100	MP3B	X	0	.5//	0	%100 %100
102	MP3B	Z	.476	.476	0	%100 %100
103	MP4B	X	0	0	0	%100 %100
104	MP4B	Z	.476	.476	0	%100 %100
105	M102	X	0	0	0	%100 %100
106	M102	Z	.144	.144	0	%100 %100
107	M108	X	0	0	0	%100 %100
108	M108	Z	.577	.577	0	%100 %100
109	M114	X	0	0	0	%100 %100
110	M114	Z	.144	.144	0	%100 %100
111	M125	X	0	0	0	%100 %100
112	M125	Z	.189	.189	0	%100 %100
113	M126	X	0	0	0	%100 %100
114	M126	Z	.189	.189	0	%100 %100
117	WITZU		.100	,100	, , , , , , , , , , , , , , , , , , ,	/0100



# 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,%]
115	M127	X	0	0	0	%100
116	M127	Z	.756	.756	0	%100

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

	Member Label	Direction		.End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
1	M4	X	096	096	0	%100
2	M4	Z	.166	.166	0	%100
3	M10	X	226	226	0	%100
4	M10	Z	.392	.392	0	%100
5	M43	X	226	226	0	%100
6	M43	Z	.392	.392	0	%100
7	M46	X	451	451	0	%100
8	M46	Z	.782	.782	0	%100
9	M51B	X	188	188	0	%100
10	M51B	Z	.325	.325	0	%100
11	M52B	Χ	0	0	0	%100
12	M52B	Z	0	0	0	%100
13	M76	X	15	15	0	%100
14	M76	Z	.261	.261	0	%100
15	M77	X	46	46	0	%100
16	M77	Z	.796	.796	0	%100
17	M80	X	484	484	0	%100
18	M80	Z	.838	.838	0	%100
19	M84	X	15	15	0	%100
20	M84	Ž	.261	.261	0	%100
21	M85	X	0	0	0	%100 %100
22	M85	Z	0	0	0	%100 %100
23	M91	X	0	0	0	%100 %100
24	M91	Z	0	0	0	%100 %100
25	M25	X	096	096	0	%100 %100
26	M25	Z	.166	.166	0	%100 %100
27	M26	X	226	226	0	%100 %100
28	M26	Z	.392	.392	0	%100 %100
29	M27	X	226	226	0	%100 %100
30	M27	Z	.392	.392	0	%100 %100
31	M28	X Z	451	451	0	%100 %100
32	M28		.782	.782	0	%100 %400
33	M31	X Z	0	0	0	%100 %100
34	M31		0	0	0	%100 %400
35	M32	X	188	188	0	%100
36	M32	Z	.325	.325	0	%100 %100
37	M36	X Z	15	15	0	%100 %100
38	M36		.261	.261	0	%100 %400
39	M37	X	0	0	0	%100 %100
40	M37	Z	0	0	0	%100 %400
41	M39	X	0	0	0	%100
42	M39	Z	0	0	0	%100
43	M41	X	15	15	0	%100
44	M41	Z	.261	.261	0	%100
45	M42	X	46	46	0	%100
46	M42	Z	.796	.796	0	%100
47	M44	X	484	484	0	%100
48	M44	Z	.838	.838	0	%100
49	M49	X	383	383	0	%100
50	M49	Z	.664	.664	0	%100
51	M50A	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft	.End Magnitude[lb/ft,F	Start Location[ft.%]	End Location[ft,%]
52	M50A	Z	0	0	0	%100
53	M51C	X	0	0	0	%100
54	M51C	Z	0	0	0	%100
55	M52A	X	0	0	0	%100
56	M52A	Z	0	0	0	%100
57	M55	X	188	188	0	%100
58	M55	Z	.325	.325	0	%100
59	M56	X	188	188	0	%100
60	M56	Z	.325	.325	0	%100
61	M60	X	602	602	0	%100
62	M60	Z	1.042	1.042	0	%100
63	M61	X	46	46	0	%100
64	M61	Z	.796	.796	0	%100
65	M63	X	484	484	0	%100
66	M63	Z	.838	.838	0	%100
67	M65	X	602	602	0	%100
68	M65	Z	1.042	1.042	0	%100
69	M66	X	46	46	0	%100
70	M66	Z	.796	.796	0	%100
71	M68	X	484	484	0	%100
72	M68	Z	.838	.838	0	%100
73	M73	X	263	263	0	%100
74	M73	Z	.456	.456	0	%100
75	M74	X	263	263	0	%100
76	M74	Z	.456	.456	0	%100
77	M75	X	0	0	0	%100
78	M75	Z	0	0	0	%100
79	MP1A	X	238	238	0	%100
80	MP1A	Z	.413	.413	0	%100
81	MP2A	X	288	288	0	%100
82	MP2A	Z	.499	.499	0	%100
83	MP3A	X	238	238	0	%100
84	MP3A	Z	.413	.413	0	%100
85	MP4A	X	238	238	0	%100
86	MP4A	Z	.413	.413	0	%100
87	M85A	X	195	195	0	%100
88	M85A	Z	.337	.337	0	%100
89	MP1C	X	238	238	0	%100
90	MP1C	Z	.413	.413	0	%100
91	MP2C	X	288	288	0	%100
92	MP2C	Z	.499	.499	0	%100
93	MP3C	X	238	238	0	%100
94	MP3C	Z	.413	.413	0	%100
95	MP4C	X	238	238	0	%100
96	MP4C	Z	.413	.413	0	%100
97	MP1B	X	238	238	0	%100
98	MP1B	Z	.413	.413	0	%100
99	MP2B	X	288	288	0	%100
100	MP2B	Z	.499	.499	0	%100 %100
101	MP3B	X	238	238	0	%100 %100
102	MP3B	Z	.413	.413	0	%100 %100
103	MP4B	X	238	238	0	%100 %100
104	MP4B	Z	.413	.413	0	%100 %100
105	M102	X Z	0	0	0	%100 %100
106	M102		0	0	0	%100 %100
107	M108	X Z	216	216	0	%100 %100
108	M108	Z	.375	.375	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.%]
109	M114	X	216	216	0	%100
110	M114	Z	.375	.375	0	%100
111	M125	X	283	283	0	%100
112	M125	Z	.491	.491	0	%100
113	M126	X	0	0	0	%100
114	M126	Ζ	0	0	0	%100
115	M127	X	283	283	0	%100
116	M127	Z	.491	.491	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	M4	X	498	498	0	%100
2	M4	Z	.287	.287	0	%100
3	M10	X	131	131	0	%100
4	M10	Z	.075	.075	0	%100
5	M43	X	131	131	0	%100
6	M43	Z	.075	.075	0	%100
7	M46	X	261	261	0	%100
8	M46	Z	.15	.15	0	%100
9	M51B	X	434	434	0	%100
10	M51B	Ζ	.251	.251	0	%100
11	M52B	X	108	108	0	%100
12	M52B	Z	.063	.063	0	%100
13	M76	X	782	782	0	%100
14	M76	Z	.451	.451	0	%100
15	M77	X	-1.061	-1.061	0	%100
16	M77	Z	.613	.613	0	%100
17	M80	X	-1.118	-1.118	0	%100
18	M80	Z	.645	.645	0	%100
19	M84	X	782	782	0	%100
20	M84	Z	.451	.451	0	%100
21	M85	X	265	265	0	%100
22	M85	Z	.153	.153	0	%100
23	M91	X	279	279	0	%100
24	M91	Z	.161	.161	0	%100
25	M25	X	0	0	0	%100
26	M25	Z	0	0	0	%100
27	M26	X	522	522	0	%100
28	M26	Z	.302	.302	0	%100
29	M27	X	522	522	0	%100
30	M27	Z	.302	.302	0	%100
31	M28	X	-1.042	-1.042	0	%100
32	M28	Z	.602	.602	0	%100
33	M31	X	108	108	0	%100
34	M31	Z	.063	.063	0	%100
35	M32	X	108	108	0	%100
36	M32	Z	.063	.063	0	%100
37	M36	X	0	0	0	%100
38	M36	Z	0	0	0	%100
39	M37	Х	265	265	0	%100
40	M37	Z	.153	.153	0	%100
41	M39	Х	279	279	0	%100
42	M39	Z	.161	.161	0	%100
43	M41	X	0	0	0	%100
44	M41	Z	0	0	0	%100
45	M42	X	265	265	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft	End Magnitude[lb/ft,F		End Location[ft,%]
46	M42	Z	.153	.153	0	%100
47	M44	X	279	279	0	%100
48	M44	Z	.161	.161	0	%100
49	M49	X	498	498	0	%100
50	M49	Z	.287	.287	0	%100
51	M50A	X	131	131	0	%100
52	M50A	Z	.075	.075	0	%100
53	M51C	X	131	131	0	%100
54	M51C	Z	.075	.075	0	%100
55	M52A	X	261	261	0	%100
56	M52A	Z	.15	.15	0	%100
57	M55	X	108	108	0	%100
58	M55	Z	.063	.063	0	%100
59	M56	X	434	434	0	%100
60	M56	Z	.251	.251	0	%100
61	M60	X	782	782	0	%100
62	M60	Z	.451	.451	0	%100
63	M61	X	265	265	0	%100
64	M61	Z	.153	.153	0	%100
65	M63	X	279	279	0	%100
66	M63	Z	.161	.161	0	%100
67	M65	X	782	782	0	%100 %100
68	M65	Z	.451	.451	0	%100 %400
69	M66	X Z	-1.061	-1.061	0	%100 %100
70	M66 M68		.613 -1.118	.613 -1.118	0	%100 %100
71 72		X Z	.645	.645	0	%100 %100
73	M68 M73	X	152	152	0	%100 %100
	M73	Z	.088	.088	0	%100 %100
74 75	M74	X	608	608	0	%100 %100
76	M74	Ž	.351	.351	0	%100 %100
77	M75	X	152	152	0	%100 %100
78	M75	Z	.088	.088	0	%100 %100
79	MP1A	X	413	413	0	%100 %100
80	MP1A	Z	.238	.238	0	%100 %100
81	MP2A	X	499	499	0	%100
82	MP2A	Ž	.288	.288	0	%100
83	MP3A	X	413	413	0	%100
84	MP3A	Z	.238	.238	0	%100
85	MP4A	Х	413	413	0	%100
86	MP4A	Z	.238	.238	0	%100
87	M85A	Х	337	337	0	%100
88	M85A	Z	.195	.195	0	%100
89	MP1C	X	413	413	0	%100
90	MP1C	Z	.238	.238	0	%100
91	MP2C	X	499	499	0	%100
92	MP2C	Z	.288	.288	0	%100
93	MP3C	X	413	413	0	%100
94	MP3C	Z	.238	.238	0	%100
95	MP4C	X	413	413	0	%100
96	MP4C	Z	.238	.238	0	%100
97	MP1B	X	413	413	0	%100
98	MP1B	Z	.238	.238	0	%100
99	MP2B	X	499	499	0	%100
100	MP2B	Z	.288	.288	0	%100
101	MP3B	X	413	413	0	%100
102	MP3B	Z	.238	.238	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,%]
103	MP4B	X	413	413	0	%100
104	MP4B	Z	.238	.238	0	%100
105	M102	X	125	125	0	%100
106	M102	Z	.072	.072	0	%100
107	M108	X	125	125	0	%100
108	M108	Z	.072	.072	0	%100
109	M114	X	499	499	0	%100
110	M114	Z	.288	.288	0	%100
111	M125	X	654	654	0	%100
112	M125	Z	.378	.378	0	%100
113	M126	X	164	164	0	%100
114	M126	Z	.094	.094	0	%100
115	M127	X	164	164	0	%100
116	M127	Z	.094	.094	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude[lb/ft,F.,	Start Location[ft,%]	End Location[ft,%]
1	M4	X	767	767	0	%100
2	M4	Z	0	0	0	%100
3	M10	X	0	0	0	%100
4	M10	Ζ	0	0	0	%100
5	M43	X	0	0	0	%100
6	M43	Ζ	0	0	0	%100
7	M46	X	0	0	0	%100
8	M46	Z	0	0	0	%100
9	M51B	X	376	376	0	%100
10	M51B	Z	0	0	0	%100
11	M52B	X	376	376	0	%100
12	M52B	Z	0	0	0	%100
13	M76	X	-1.203	-1.203	0	%100
14	M76	Z	0	0	0	%100
15	M77	X	919	919	0	%100
16	M77	Z	0	0	0	%100
17	M80	X	968	968	0	%100
18	M80	Z	0	0	0	%100
19	M84	X	-1.203	-1.203	0	%100
20	M84	Z	0	0	0	%100
21	M85	X	919	919	0	%100
22	M85	Z	0	0	0	%100
23	M91	X	968	968	0	%100
24	M91	Z	0	0	0	%100
25	M25	Х	192	192	0	%100
26	M25	Z	0	0	0	%100
27	M26	X	452	452	0	%100
28	M26	Z	0	0	0	%100
29	M27	X	452	452	0	%100
30	M27	Z	0	0	0	%100
31	M28	X	902	902	0	%100
32	M28	Z	0	0	0	%100
33	M31	X	376	376	0	%100
34	M31	Z	0	0	0	%100
35	M32	X	0	0	0	%100
36	M32	Z	0	0	0	%100
37	M36	X	301	301	0	%100
38	M36	Z	0	0	0	%100
39	M37	X	919	919	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft,	.End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
40	M37	Z	0	0	0	%100
41	M39	X	968	968	0	%100
42	M39	Z	0	0	0	%100
43	M41	X	301	301	0	%100
44	M41	Z	0	0	0	%100
45	M42	X	0	0	0	%100
46	M42	Z	0	0	0	%100
47	M44	X	0	0	0	%100
48	M44	Z	0	0	0	%100
49	M49	X	192	192	0	%100
50	M49	Z	0	0	0	%100
51	M50A	X	452	452	0	%100
52	M50A	Z	0	0	0	%100
53	M51C	X	452	452	0	%100
54	M51C	Z	0	0	0	%100
55	M52A	X	902	902	0	%100
56	M52A	Z	0	0	0	%100
57	M55	X	0	0	0	%100
58	M55	Z	0	0	0	%100
59	M56	Х	376	376	0	%100
60	M56	Z	0	0	0	%100
61	M60	Х	301	301	0	%100
62	M60	Z	0	0	0	%100
63	M61	Х	0	0	0	%100
64	M61	Z	0	0	0	%100
65	M63	Х	0	0	0	%100
66	M63	Z	0	0	0	%100
67	M65	X	301	301	0	%100
68	M65	Z	0	0	0	%100
69	M66	X	919	919	0	%100
70	M66	Z	0	0	0	%100
71	M68	Х	968	968	0	%100
72	M68	Z	0	0	0	%100
73	M73	Х	0	0	0	%100
74	M73	Z	0	0	0	%100
75	M74	X	526	526	0	%100
76	M74	Z	0	0	0	%100
77	M75	X	526	526	0	%100
78	M75	Z	0	0	0	%100
<b>7</b> 9	MP1A	Х	476	476	0	%100
80	MP1A	Z	0	0	0	%100
81	MP2A	X	577	577	0	%100
82	MP2A	Z	0	0	0	%100
83	MP3A	X	476	476	0	%100
84	MP3A	Z	0	0	0	%100
85	MP4A	X	476	476	0	%100
86	MP4A	Z	0	0	0	%100
87	M85A	X	39	39	0	%100
88	M85A	Z	0	0	0	%100
89	MP1C	X	476	476	0	%100
90	MP1C	Z	0	0	0	%100
91	MP2C	X	577	577	0	%100
92	MP2C	Z	0	0	0	%100
93	MP3C	X	476	476	0	%100
94	MP3C	Z	0	0	0	%100
95	MP4C	X	476	476	0	%100
96	MP4C	Z	0	0	0	%100
				_		



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

	Member Label	Direction	Start Magnitude[lb/ft,	.End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
97	MP1B	X	476	476	0	%100
98	MP1B	Z	0	0	0	%100
99	MP2B	X	577	577	0	%100
100	MP2B	Z	0	0	0	%100
101	MP3B	X	476	476	0	%100
102	MP3B	Z	0	0	0	%100
103	MP4B	X	476	476	0	%100
104	MP4B	Z	0	0	0	%100
105	M102	X	432	432	0	%100
106	M102	Z	0	0	0	%100
107	M108	X	0	0	0	%100
108	M108	Ζ	0	0	0	%100
109	M114	X	432	432	0	%100
110	M114	Z	0	0	0	%100
111	M125	X	567	567	0	%100
112	M125	Z	0	0	0	%100
113	M126	X	567	567	0	%100
114	M126	Ζ	0	0	0	%100
115	M127	X	0	0	0	%100
116	M127	Ζ	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	M4	X	498	498	0	%100
2	M4	Z	287	287	0	%100
3	M10	X	131	131	0	%100
4	M10	Ζ	075	075	0	%100
5	M43	X	131	131	0	%100
6	M43	Ζ	075	075	0	%100
7	M46	X	261	261	0	%100
8	M46	Ζ	15	15	0	%100
9	M51B	Х	108	108	0	%100
10	M51B	Z	063	063	0	%100
11	M52B	X	434	434	0	%100
12	M52B	Z	251	251	0	%100
13	M76	Х	782	782	0	%100
14	M76	Z	451	451	0	%100
15	M77	X	265	265	0	%100
16	M77	Z	153	153	0	%100
17	M80	X	279	279	0	%100
18	M80	Ζ	161	161	0	%100
19	M84	X	782	782	0	%100
20	M84	Ζ	451	451	0	%100
21	M85	X	-1.061	-1.061	0	%100
22	M85	Ζ	613	613	0	%100
23	M91	X	-1.118	-1.118	0	%100
24	M91	Ζ	645	645	0	%100
25	M25	X	498	498	0	%100
26	M25	Ζ	287	287	0	%100
27	M26	X	131	131	0	%100
28	M26	Z	075	075	0	%100
29	M27	Χ	131	131	0	%100
30	M27	Z	075	075	0	%100
31	M28	X	261	261	0	%100
32	M28	Z	15	15	0	%100
33	M31	X	434	434	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
34	M31	Z	251	251	0	%100
35	M32	X	108	108	0	%100
36	M32	Z	063	063	0	%100
37	M36	X	782	782	0	%100
38	M36	Z	451	451	0	%100
39	M37	X	-1.061	-1.061	0	%100
40	M37	Z	613	613	0	%100
41	M39	X	-1.118	-1.118	0	%100
42	M39	Z	645	645	0	%100
43	M41	X	782	782	0	%100
44	M41	Z	451	451	0	%100
45	M42	X	265	265	0	%100
46	M42	Z	153	153	0	%100
47	M44	X	279	279	0	%100
48	M44	Z	161	161	0	%100
49	M49	X	0	0	0	%100
50	M49	Z	0	0	0	%100
51	M50A	X	522	522	0	%100
52	M50A	Z	302	302	0	%100
53	M51C	X	522	522	0	%100
54	M51C	Z	302	302	0	%100
55	M52A	X	-1.042	-1.042	0	%100
56	M52A	Z	602	602	0	%100
57	M55	X	108	108	0	%100
58	M55	Z	063	063	0	%100
59	M56	X	108	108	0	%100
60	M56	Z	063	063	0	%100
61	M60	X	0	0	0	%100
62	M60	Z	0	0	0	%100
63	M61	X	265	265	0	%100
64	M61	Z	153	153	0	%100
65	M63	X	279	279	0	%100
66	M63	Z	161	161	0	%100
67	M65	X	0	0	0	%100
68	M65	Z	0	0	0	%100
69	M66	X	265	265	0	%100
70	M66	Z	153	153	0	%100
71	M68	X	279	279	0	%100
72	M68	Z	161	161	0	%100
73	M73	X	152	152	0	%100
74	M73	Z	088	088	0	%100
75	M74	X	152	152	0	%100
76	M74	Z	088	088	0	%100 %400
77	M75	X	608	608	0	%100 %100
78	M75	Z	351	351	0	%100 %100
79	MP1A	X	413	413	0	%100 %100
80	MP1A	Z	238	238	0	%100 %400
81	MP2A	X Z	499	499	0	%100 %100
82	MP2A		288	288	0	%100 %100
83	MP3A	X Z	413	413	0	%100 %100
84	MP3A		238	238	0	%100 %100
85	MP4A	X Z	413	413	0	%100 %100
86 87	MP4A M85A	X	238	238 337	0	%100 %100
88		Z	337		0	%100 %100
89	M85A MP1C	X	195 413	195 413	0	%100 %100
90		Z				
90	MP1C		238	238	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
91	MP2C	X	499	499	0	%100
92	MP2C	Z	288	288	0	%100
93	MP3C	X	413	413	0	%100
94	MP3C	Z	238	238	0	%100
95	MP4C	X	413	413	0	%100
96	MP4C	Z	238	238	0	%100
97	MP1B	X	413	413	0	%100
98	MP1B	Z	238	238	0	%100
99	MP2B	X	499	499	0	%100
100	MP2B	Z	288	288	0	%100
101	MP3B	X	413	413	0	%100
102	MP3B	Z	238	238	0	%100
103	MP4B	X	413	413	0	%100
104	MP4B	Ζ	238	238	0	%100
105	M102	X	499	499	0	%100
106	M102	Z	288	288	0	%100
107	M108	X	125	125	0	%100
108	M108	Z	072	072	0	%100
109	M114	Χ	125	125	0	%100
110	M114	Z	072	072	0	%100
111	M125	X	164	164	0	%100
112	M125	Z	094	094	0	%100
113	M126	X	654	654	0	%100
114	M126	Ζ	378	378	0	%100
115	M127	X	164	164	0	%100
116	M127	Z	094	094	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
1	M4	X	096	096	0	%100
2	M4	Ζ	166	166	0	%100
3	M10	X	226	226	0	%100
4	M10	Ζ	392	392	0	%100
5	M43	X	226	226	0	%100
6	M43	Z	392	392	0	%100
7	M46	X	451	451	0	%100
8	M46	Ζ	782	782	0	%100
9	M51B	X	0	0	0	%100
10	M51B	Z	0	0	0	%100
11	M52B	X	188	188	0	%100
12	M52B	Ζ	325	325	0	%100
13	M76	X	15	15	0	%100
14	M76	Ζ	261	261	0	%100
15	M77	X	0	0	0	%100
16	M77	Z	0	0	0	%100
17	M80	X	0	0	0	%100
18	M80	Ζ	0	0	0	%100
19	M84	X	15	15	0	%100
20	M84	Z	261	261	0	%100
21	M85	Χ	46	46	0	%100
22	M85	Z	796	796	0	%100
23	M91	X	484	484	0	%100
24	M91	Z	838	838	0	%100
25	M25	X	383	383	0	%100
26	M25	Z	664	664	0	%100
27	M26	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft	End Magnitude[lb/ft,F	Start Location[ft %]	End Location[ft,%]
28	M26	Z	0	0	0	%100
29	M27	X	0	0	0	%100
30	M27	Z	0	0	0	%100
31	M28	X	0	0	0	%100
32	M28	Z	0	0	0	%100
33	M31	X	188	188	0	%100
34	M31	Z	325	325	0	%100
35	M32	Х	188	188	0	%100
36	M32	Z	325	325	0	%100
37	M36	Х	602	602	0	%100
38	M36	Z	-1.042	-1.042	0	%100
39	M37	X	46	46	0	%100
40	M37	Z	796	796	0	%100
41	M39	Х	484	484	0	%100
42	M39	Z	838	838	0	%100
43	M41	X	602	602	0	%100
44	M41	Z	-1.042	-1.042	0	%100
45	M42	X	46	46	0	%100
46	M42	Z	796	796	0	%100
47	M44	X	484	484	0	%100
48	M44	Z	838	838	0	%100
49	M49	Х	096	096	0	%100
50	M49	Z	166	166	0	%100
51	M50A	X	226	226	0	%100
52	M50A	Z	392	392	0	%100
53	M51C	Х	226	226	0	%100
54	M51C	Z	392	392	0	%100
55	M52A	Χ	451	451	0	%100
56	M52A	Ζ	782	782	0	%100
57	M55	X	188	188	0	%100
58	M55	Ζ	325	325	0	%100
59	M56	X	0	0	0	%100
60	M56	Ζ	0	0	0	%100
61	M60	X	15	15	0	%100
62	M60	Z	261	261	0	%100
63	M61	X	46	46	0	%100
64	M61	Z	796	796	0	%100
65	M63	X	484	484	0	%100
66	M63	Z	838	838	0	%100
67	M65	X	15	15	0	%100
68	M65	Z	261	261	0	%100
69	M66	X	0	0	0	%100
70	M66	Z	0	0	0	%100
71	M68	X	0	0	0	%100
72	M68	Z	0	0	0	%100
73	M73	X	263	263	0	%100
74	M73	Z	456	456	0	%100
75	M74	X	0	0	0	%100
76	M74	Z	0	0	0	%100
77	M75	X	263	263	0	%100
78	M75	Z	456	456	0	%100
79	MP1A	X	238	238	0	%100
80	MP1A	Z	413	413	0	%100
81	MP2A	X	288	288	0	%100
82	MP2A	Z	499	499	0	%100
83	MP3A	X	238	238	0	%100
84	MP3A	Z	413	413	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
85	MP4A	X	238	238	0	%100
86	MP4A	Z	413	413	0	%100
87	M85A	X	195	195	0	%100
88	M85A	Z	337	337	0	%100
89	MP1C	X	238	238	0	%100
90	MP1C	Z	413	413	0	%100
91	MP2C	X	288	288	0	%100
92	MP2C	Z	499	499	0	%100
93	MP3C	X	238	238	0	%100
94	MP3C	Ζ	413	413	0	%100
95	MP4C	X	238	238	0	%100
96	MP4C	Ζ	413	413	0	%100
97	MP1B	X	238	238	0	%100
98	MP1B	Ζ	413	413	0	%100
99	MP2B	X	288	288	0	%100
100	MP2B	Ζ	499	499	0	%100
101	MP3B	X	238	238	0	%100
102	MP3B	Ζ	413	413	0	%100
103	MP4B	X	238	238	0	%100
104	MP4B	Ζ	413	413	0	%100
105	M102	X	216	216	0	%100
106	M102	Z	375	375	0	%100
107	M108	X	216	216	0	%100
108	M108	Ζ	375	375	0	%100
109	M114	X	0	0	0	%100
110	M114	Z	0	0	0	%100
111	M125	Х	0	0	0	%100
112	M125	Z	0	0	0	%100
113	M126	Х	283	283	0	%100
114	M126	Z	491	491	0	%100
115	M127	Х	283	283	0	%100
116	M127	Ζ	491	491	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
1	M51B	Υ	-3.463	-6.544	0	.832
2	M51B	Υ	-6.544	-8.189	.832	1.665
3	M51B	Υ	-8.189	-6.901	1.665	2.497
4	M51B	Υ	-6.901	-4.226	2.497	3.329
5	M51B	Υ	-4.226	-1.665	3.329	4.162
6	M52B	Υ	-1.881	-4.429	0	.832
7	M52B	Υ	-4.429	-7.041	.832	1.665
8	M52B	Υ	-7.041	-8.256	1.665	2.497
9	M52B	Υ	-8.256	-6.578	2.497	3.329
10	M52B	Υ	-6.578	-3.469	3.329	4.162
11	M31	Υ	-3.463	-6.544	0	.832
12	M31	Υ	-6.544	-8.189	.832	1.665
13	M31	Υ	-8.189	-6.901	1.665	2.497
14	M31	Υ	-6.901	-4.226	2.497	3.329
15	M31	Υ	-4.226	-1.665	3.329	4.162
16	M32	Υ	-1.881	-4.429	0	.832
17	M32	Υ	-4.429	-7.041	.832	1.665
18	M32	Υ	-7.041	-8.256	1.665	2.497
19	M32	Υ	-8.256	-6.578	2.497	3.329
20	M32	Υ	-6.578	-3.469	3.329	4.162
21	M55	Υ	-3.462	-6.573	0	.832



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

	Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft.%]
22	M55	Υ	-6.573	-8.26	.832	1.665
23	M55	Υ	-8.26	-7.044	1.665	2.497
24	M55	Υ	-7.044	-4.426	2.497	3.329
25	M55	Υ	-4.426	-1.884	3.329	4.162
26	M56	Υ	-1.661	-4.228	0	.832
27	M56	Υ	-4.228	-6.902	.832	1.665
28	M56	Υ	-6.902	-8.189	1.665	2.497
29	M56	Υ	-8.189	-6.545	2.497	3.329
30	M56	Υ	-6.545	-3.463	3.329	4.162

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

	Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
1	M51B	Υ	-6.661	-12.586	0	.832
2	M51B	Υ	-12.586	-15.752	.832	1.665
3	M51B	Υ	-15.752	-13.273	1.665	2.497
4	M51B	Υ	-13.273	-8.129	2.497	3.329
5	M51B	Υ	-8.129	-3.203	3.329	4.162
6	M52B	Υ	-3.618	-8.52	0	.832
7	M52B	Υ	-8.52	-13.544	.832	1.665
8	M52B	Υ	-13.544	-15.879	1.665	2.497
9	M52B	Υ	-15.879	-12.652	2.497	3.329
10	M52B	Υ	-12.652	-6.673	3.329	4.162
11	M31	Υ	-6.661	-12.586	0	.832
12	M31	Υ	-12.586	-15.752	.832	1.665
13	M31	Υ	-15.752	-13.273	1.665	2.497
14	M31	Υ	-13.273	-8.129	2.497	3.329
15	M31	Υ	-8.129	-3.203	3.329	4.162
16	M32	Υ	-3.618	-8.52	0	.832
17	M32	Υ	-8.52	-13.544	.832	1.665
18	M32	Υ	-13.544	-15.879	1.665	2.497
19	M32	Υ	-15.879	-12.652	2.497	3.329
20	M32	Υ	-12.652	-6.673	3.329	4.162
21	M55	Υ	-6.658	-12.643	0	.832
22	M55	Υ	-12.643	-15.889	.832	1.665
23	M55	Υ	-15.889	-13.55	1.665	2.497
24	M55	Υ	-13.55	-8.513	2.497	3.329
25	M55	Υ	-8.513	-3.625	3.329	4.162
26	M56	Υ	-3.196	-8.133	0	.832
27	M56	Υ	-8.133	-13.275	.832	1.665
28	M56	Υ	-13.275	-15.75	1.665	2.497
29	M56	Υ	-15.75	-12.588	2.497	3.329
30	M56	Υ	-12.588	-6.661	3.329	4.162

# Member Area Loads (BLC 39 : Structure D)

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

#### Member Area Loads (BLC 40 : Structure Di)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N87C	N87B	N7	N6	Υ	Two Way	01
2	N55	N57	N33	N32	Υ	Two Way	01
3	N84	N86	N62	N61	Υ	Two Way	01



**Envelope Joint Reactions** 

	Joint		X [lb]	LC	Y [lb]	LC	Z [lb]	LC	MX [k-ft]	LC	MY [k-ft]	LC	MZ [k-ft]	LC
1	N3	max	902.492	10	2330.02	13	1824.239	1	6.231	13	1.698	4	046	3
2		min	-911.962	4	599.576	7	-1897.345	7	.935	7	-1.71	10	251	45
3	N30A	max	1689.999	9	2480.812	21	1243.928	1	563	3	1.811	12	71	3
4		min	-1748.799	3	652.925	3	-1199.339	7	-3.649	45	-1.823	6	-5.476	21
5	N59	max	1627.045	11	2327.489	17	1133.513	1	34	11	1.689	8	5.468	17
6		min	-1559.125	5	598.369	11	-1104.993	7	-2.981	17	-1.702	2	.88	11
7	Totals:	max	4187.716	10	6912.543	17	4201.68	1						
8		min	-4187.718	4	3301.456	11	-4201.678	7						

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

	Member	Shape	Code Check	Loc[ft]	LC	Shear C	.Lo	Dir	LC	phi*Pnphi*phi*phi* Eqn
1	M4	HSS4X4X4	.387	0	23	.073	0	У	24	116507139516.18116.181H1
2	M10	HSS4X4X4	.184	2.375	14	.043	2	٧	24	136263 1395 16.181 16.181 H1
3	M43	HSS4X4X4	.190	0	14	.054	0	ý	13	136263139516.18116.181H1
4	M46	PL1/2x6	.144	.516	7	.080	1	٧	3	66009 97200 1.012 12.15 H1
5	M51B	L2x1.5x3	.214	2.428	2	.016	0	z	17	5831.82012346 .863 H2-1
6	M52B	L2x1.5x3	.211	2.428	12	.016	4	Z	21	5831.82012346 .891 H2-1
7	M76	PL3/8x6	.254	0	10	.514	0	٧	17	7064772900 .57 9.113 H1
8	M77	PL3/8x6	.212	.167	8	.389	0	V	13	7158372900 .57 9.113 H1
9	M80	PL1/2x6	.053	.112	1	.076	.112	V	4	96757 97200 1.012 12.15 H1
10	M84	PL3/8x6	.243	0	4	.389	0	V	22	7064772900 .57 9.113 H1
11	M85	PL3/8x6	.211	.167	6	.413	0	V	24	7158372900 .57 9.113 H1
12	M91	PL1/2x6	.052	.112	1	.064	.112	V	10	96757 97200 1.012 12.15 H1
13	M25	HSS4X4X4	.397	0	43	.092	0	V	43	116507139516.18116.181H1
14	M26	HSS4X4X4	.184	2.375	22	.042	2	V	20	136263139516.18116.181H1
15	M27	HSS4X4X4	.190	0	22	.054	0	v	21	136263139516.18116.181H1
16	M28	PL1/2x6	.143	.516	3	.114	1	V	47	66009 97200 1.012 12.15 H1
17	M31	L2x1.5x3	.214	2.428	10	.016	0	Z	13	5831.82012346 .863 H2-1
18	M32	L2x1.5x3	.211	2.428	8	.016	4	Z	17	5831.82012346 .891 H2-1
19	M36	PL3/8x6	.254	0	6	.513	0	٧	13	7064772900 .57 9.113 H1
20	M37	PL3/8x6	.212	.167	4	.388	0	V	21	7158372900 .57 9.113 H1
21	M39	PL1/2x6	.053	.112	9	.098	.112	V	48	96757 97200 1.012 12.15 H1
22	M41	PL3/8x6	.242	0	12	.389	0	У	18	70647 72900 .57 9.113 H1
23	M42	PL3/8x6	.211	.167	2	.413	0	ý	20	7158372900 .57 9.113 H1
24	M44	PL1/2x6	.052	.112	9	.089	0	У	48	96757 97200 1.012 12.15 H1
25	M49	HSS4X4X4	.386	0	15	.076	0	ý	29	116507139516.18116.181H1
26	M50A	HSS4X4X4	.184	2.375	18	.043	2	У	16	136263 <mark>1395</mark> 16.181 <mark>16.181</mark> H1
27	M51C	HSS4X4X4	.190	0	18	.054	0	y	17	136263139516.18116.181H1
28	M52A	PL1/2x6	.143	.516	11	.080	1	У	7	6600997200 1.012 12.15 H1
29	M55	L2x1.5x3	.215	2.428	6	.016	0	z	21	5831.82012346 .864 H2-1
30	M56	L2x1.5x3	.210	2.428	4	.016	4	Z	13	5831.8 <mark>2012</mark> .346 .891 H2-1
31	M60	PL3/8x6	.253	0	2	.514	0	V	21	7064772900 <u>.57</u> 9.113 H1
32	M61	PL3/8x6	.212	.167	12	.388	0	У	17	71583 <mark>72900 .57 9.113</mark> H1
33	M63	PL1/2x6	.053	.112	5	.076	.112	y	8	96757 97200 1.012 12.15 H1
34	M65	PL3/8x6	.242	0	8	.388	0	у	14	70647 <mark>72900 .57 9.113</mark> H1
35	M66	PL3/8x6	.210	.167	10	.412	0	V	16	71583 72900 .57 9.113 H1
36	M68	PL1/2x6	.052	.112	5	.064	.112	У	2	96757 97200 1.012 12.15 H1
37	M73	PIPE 3.0	.203	9.94	18	.081	9.94		6	2138865205 5.749 5.749 H1
38	M74	PIPE_3.0	.202	9.94	14	.081	9.94		2	21388 65205 5.749 5.749  H1
39	M75	PIPE 3.0	.202	9.94	22	.081	9.94		10	21388 65205 5.749 5.749 H1
40	MP1A	PIPE_2.0	.338	3.792	9	.099	.869		7	1612332130 1.872 1.872 H1
41	MP2A	PIPE 2.5	.226	4.333	10	.068	4		10	3003850715 3.596 3.596 H1
42	MP3A	PIPE_2.0	.285	3.792	5	.095	3		7	1612332130 1.872 1.872 H1
43	MP4A	PIPE_2.0	.231	3.792	5	.095	.869		7	1612332130 1.872 1.872 H1

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

	Member	Shape	Code Check	Loc[ft]	LC	Shear C	Lo	Dir	LC	phi*Pn	phi*	phi*	phi*	Egn
44	M85A	PIPE 2.0	.073	2.5	6	.014	2.5		6	28843	32130	1.872	1.872	H1
45	MP1C	PIPE 2.0	.337	3.792	5	.099	.869		3	16123	32130	1.872	1.872	H1
46	MP2C	PIPE 2.5	.225	4.333	6	.068	4		6	30038	50715	3.596	3.596	H1
47	MP3C	PIPE 2.0	.286	3.792	1	.095	3		3	16123	32130	1.872	1.872	H1
48	MP4C	PIPE 2.0	.232	3.792	1	.095	.869		3	16123	32130	1.872	1.872	H1
49	MP1B	PIPE 2.0	.335	3.792	1	.098	.869		11	16123	32130	1.872	1.872	H1
50	MP2B	PIPE 2.5	.225	4.333	2	.068	4		2	30038	50715	3.596	3.596	H1
51	MP3B	PIPE 2.0	.287	3.792	9	.095	3		11	16123	32130	1.872	1.872	H1
52	MP4B	PIPE 2.0	.233	3.792	9	.096	.869		10	16123	32130	1.872	1.872	H1
53	M102	PIPE 2.5	.167	7.832	12	.073	2		11	10882	50715	3.596	3.596	H1
54	M108	PIPE 2.5	.168	7.832	8	.073	2		7	10882	50715	3.596	3.596	H1
55	M114	PIPE 2.5	.168	7.832	4	.073	2		3	10882	50715	3.596	3.596	H1
56	M125	L3X3X4	.252	0	7	.022	0	Z	12	40381	46656	1.688	3.756	H2-1
57	M126	L3X3X4	.252	0	3	.022	1	Z	8	40381	46656	1.688	3.756	H2-1
58	M127	L3X3X4	.252	0	11	.022	0	Z	4	40381	46656	1.688	3.756	H2-1



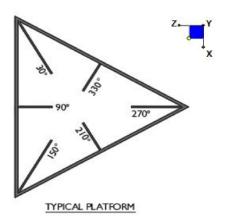
Client:	Verizon Wireless	Date:	7/6/2021
Site Name:	Norfolk West CT		
Project No.	21777242A		
Title:	Mount Analysis	Page:	1

Version 3.1

#### I. Mount-to-Tower Connection Check

#### RISA Model Data

Nodes (labeled per RISA)	Orientation (per graphic of typical platform)
N30A	30
N3	270
N59	150



#### **Tower Connection Bolt Checks**

Any moment resistance?:

Bolt Quantity per Reaction:

 $d_x$  (in) (Delta X of typ. bolt config. sketch):

 $d_v(in)$  (Delta Y of typ. bolt config. sketch):

Bolt Type:

Bolt Diameter (in):

Required Tensile Strength (kips):

Required Shear Strength (kips):

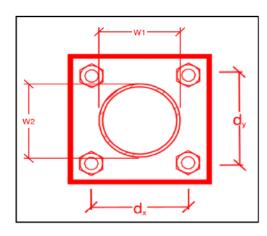
Tensile Strength / bolt (kips):

Shear Strength / bolt (kips):

Tensile Capacity Overall:

Shear Capacity Overall:

yes
4
7
7
A325N
0.5
22.1
3.9
13.3
8.0
41.7%*
12 1%



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

#### Tower Connection Plate and Weld Check

Connecting Standoff Member Shape:

Plate Width (in):

Plate Height (in):

W1 (in):

W2 (in):

Fy (ksi, plate):

t<sub>Plate</sub> (in):

Weld Size (1/16 in):

Phi\*Rn (kip/in):

Required Weld Strength (kip/in):

Plate Bending Capacity:

Weld Capacity:

Rect
10
10
4
4
36
0.625
5
6.96

3.62

52.5%

52.1%

Max Plate Bending Strengths

Mu <sub>xx</sub> (kip-in):	16.6
Phi*Mn <sub>xx</sub> (kip-in):	31.6
Mu <sub>yy</sub> (kip-in):	0.0
Phi*Mn <sub>yy</sub> (kip-in):	31.6

# Mount Desktop - Post Modification Inspection (PMI) Report Requirements

### Documents & Photos Required from Contractor – Mount Modification

<u>Purpose</u> – to provide Maser Consulting Connecticut the proper documentation in order to complete the required Mount Desktop review of the Post Modification Inspection Report.

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

#### **Base Requirements:**

- Any special photos outside of the standard requirements will be indicated on the drawings
- Provide "as built drawings" showing contractor's name, preparer's signature, and date. Any
  deviations from the drawings (proposed modification) must be shown.
- Notation that all hardware was properly installed, and the existing hardware was inspected for any issues.
- Verification that loading is as communicated in the modification drawings. NOTE If loading is different than what is conveyed in the modification drawing contact Maser Consulting Connecticut immediately.
- Each photo should be time and date stamped
- Photos should be high resolution and submitted in a Zip File and should be organized in the file structure as depicted in Schedule A attached.
- Contractor shall ensure that the safety climb wire rope is supported and not adversely impacted by the install of the modification components. This may involve the install of wire rope guides, or other items to protect the wire rope.
- The photos in the file structure should be uploaded to <a href="https://pmi.vzwsmart.com">https://pmi.vzwsmart.com</a> as depicted on the drawings

#### **Photo Requirements:**

- Base and "During Installation Photos"
  - Base pictures include
    - Photo of Gate Signs showing the tower owner, site name, and number
    - Photo of carrier shelter showing the carrier site name and number if available
    - Photos of the galvanizing compound and/or paint used (if applicable), clearly showing the label and name
  - "During Installation Photos if provided must be placed only in this folder
- Photos taken at ground level
  - Overall tower structure before and after installation of the modifications
  - Photos of the appropriate mount before and after installation of the modifications; if the mounts are at different rad elevations, pictures must be provided for all elevations that the modifications were installed

#### • Photos taken at Mount Elevation

- Photos showing each individual sector before and also after installation of modifications. Each entire sector must be in one photo to show in the inter-connection of members.
  - These photos should also certify that the placement and geometry of the equipment on the mount is as depicted on the sketch and table in the mount analysis
- Close-up photos of each installed modification per the modification drawings; pictures should also include connection hardware (U-bolts, bolts, nuts, all-threaded rods, etc.)
- Photos showing the measurements of the installed modification member sizes (i.e. lengths, widths, depths, diameters, thicknesses)
- Photos showing the elevation or distances of the installed modifications from the appropriate reference locations shown in the modification drawings
- Photos showing the installed modifications onto the tower with tape drop measurements (if applicable) (i.e. ring/collar mounts, tie-backs, V-bracing kits, etc.); if the existing mount elevation needs to be changed according to the modification drawings, a tape drop measurement shall be provided before the elevation change
- Photos showing the safety climb wire rope above and below the mount prior to modification.
- Photos showing the climbing facility and safety climb if present.

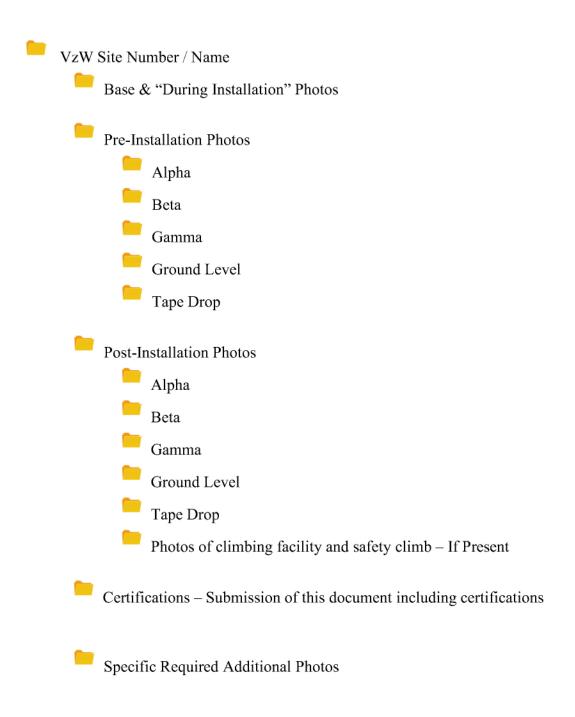
#### **Material Certification:**

- Materials utilized must be as per specification on the drawings or the equivalent as validated by Maser Consulting Connecticut.
  - o If the drawings are as specified on the drawings
    - The contractor should provide the packing list or the materials utilized to perform the mount modification
  - o If an equivalent is utilized
    - It is required that the Maser Consulting Connecticut certification of such is included in the contractor submission package. There may be an additional charge for this certification if the equivalent submission doesn't meet specifications as prescribed in the drawings.
- The contractor must certify that the materials meet these specifications by one of these methods.

ine Material utilized was as specified on the Maser Consulting Connecticut Mount
cation Drawings and included
in the Material certification folder is a packing list or invoice for these materials
☐ The material utilized was an "equivalent" and included as part of the contractor submission is
the Maser Consulting Connecticut certification, invoices, or specifications validating accepted

	Certifying Individual:	Company	
		Name	
		Signature	
Anten	na & equipment place	ement and Geo	metry Confirmation:
•		•	ntenna & equipment placement and geometry is in nt diagrams as included in this mount analysis.
0			s support and the equipment on the mount is as depicted on cluded in this mount analysis.
_		nd has accordin	ent on the mount is not in accordance with the antenna gly marked up the diagrams or provided a diagram
Certify	ring Individual:	Company	
		Name	
		Signature	
Issue:			ed from the MA or Mod Drawings:  ng standoff horizontal member between Alpha & Beta sector for
			r plate (Site Pro 1 Part #: SQCX4-K or EOR approved equivalent)
location			Site Pro 1, Part #: 120-123/317 or EOR approved equivalent) in unt to tower attachments. Contractor to provide photos of safety
Respo	nse:		
•			

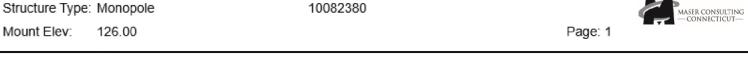
#### Schedule A - Photo & Document File Structure



Structure: 467610-VZW - NORFOLK WEST CT

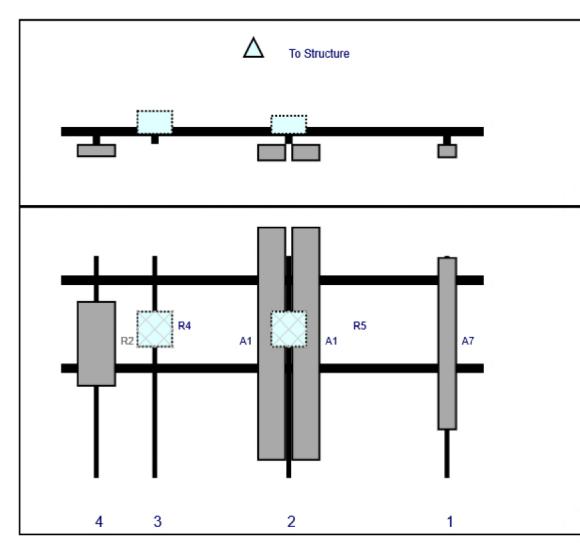
Sector: Α 7/6/2021





Plan View

Front View Looking at Structure



		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-70080-6CF-EDIN-0	71	8	158.5	1	a	Front	36	0	Retained	03/31/2021
A1	NHH-65C-R2B	96	11.9	93.5	2	a	Front	36	7	Added	
A1	NHH-65C-R2B	96	11.9	93.5	2	b	Front	36	-7	Added	
R5	B5/B13 RRH-BR04C	15	15	93.5	2	a	Behind	30	0	Added	
R4	B2/B66A RRH-BR049	15	15	38.5	3	a	Behind	30	0	Added	
R2	MT6407-77A	35.1	16.1	14.5	4	a	Front	36	0	Added	

Structure: 467610-VZW - NORFOLK WEST CT

Sector: В 7/6/2021

10082380

Structure Type: Monopole

Mount Elev: 126.00

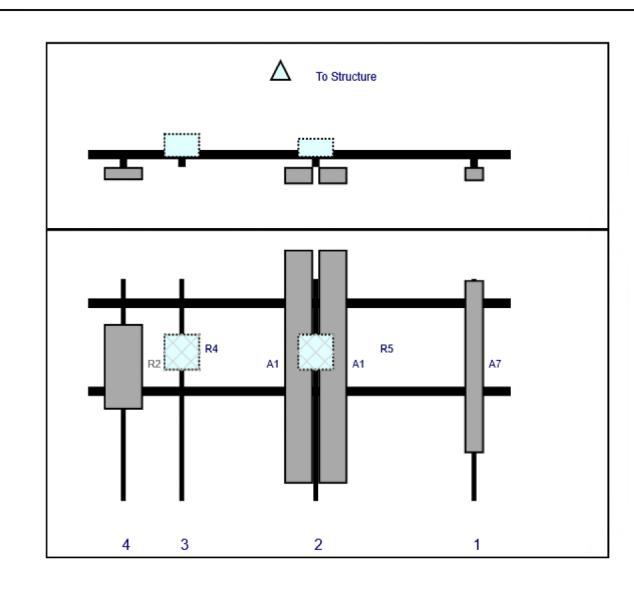


Page: 2



Plan View

Front View Looking at Structure



		Height	Width	H Dist	Pipe	Pipe	Ant	C. Ant	Ant		
Ref#	Model	(in)	(in)	Frm L.	#	Pos V	Pos	Frm T.	H Off	Status	Validation
A7	BXA-70080-6CF-EDIN-0	71	8	158.5	1	a	Front	36	0	Retained	03/31/2021
A1	NHH-65C-R2B	96	11.9	93.5	2	a	Front	36	7	Added	
A1	NHH-65C-R2B	96	11.9	93.5	2	b	Front	36	-7	Added	
R5	B5/B13 RRH-BR04C	15	15	93.5	2	a	Behind	30	0	Added	
R4	B2/B66A RRH-BR049	15	15	38.5	3	a	Behind	30	0	Added	
R2	MT6407-77A	35.1	16.1	14.5	4	a	Front	36	0	Added	

Structure: 467610-VZW - NORFOLK WEST CT

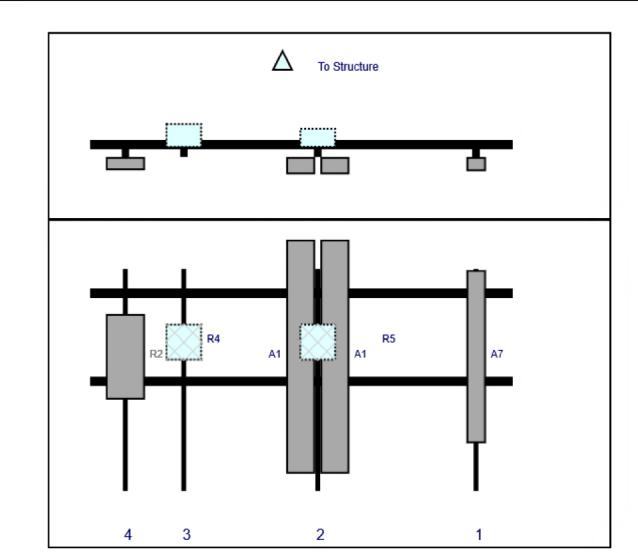
Sector: С 7/6/2021

Structure Type: Monopole

10082380



Page: 3 Mount Elev: 126.00



Front View Looking at Structure

Plan View

		Height	Width	H Dist	Pipe	Pipe	Ant	C. Ant	Ant		
Ref#	Model	(in)	(in)	Frm L.	#	Pos V	Pos	Frm T.	H Off	Status	Validation
A7	BXA-70080-6CF-EDIN-0	71	8	158.5	1	a	Front	36	0	Retained	03/31/2021
A1	NHH-65C-R2B	96	11.9	93.5	2	a	Front	36	7	Added	
A1	NHH-65C-R2B	96	11.9	93.5	2	b	Front	36	-7	Added	
R5	B5/B13 RRH-BR04C	15	15	93.5	2	a	Behind	30	0	Added	
R4	B2/B66A RRH-BR049	15	15	38.5	3	a	Behind	30	0	Added	
R2	MT6407-77A	35.1	16.1	14.5	4	a	Front	36	0	Added	



# **Maser Consulting Connecticut**

Subject TIA-222-H Usage

Site Information Site ID: 467610-VZW / NORFOLK WEST CT

> Site Name: NORFOLK WEST CT Carrier Name: Verizon Wireless Address: 10 Ashpohtag Road

> > Norfolk, Connecticut 06058

Litchfield County

Latitude: 42.002697° -73.221417° Longitude:

Structure Information Tower Type: Monopole

14.46-Ft Platform Mount Type:

To Whom It May Concern,

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

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

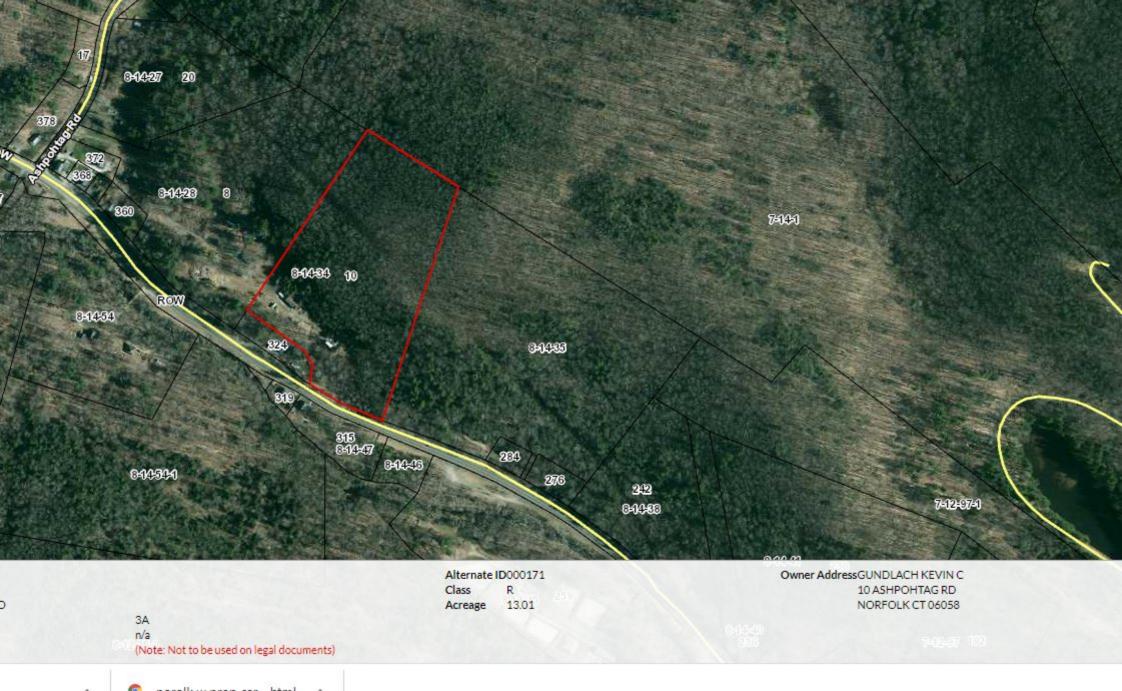
As with all ANSI standards and engineering best practice is to apply the most current revision of the standard. This ensures the engineer is applying all updates. As an example, the TIA-222-H Standard includes updates to bring it in line with the latest AISC and ACI standards and it also incorporates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

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

Sincerely,

**Technical Specialist** 

# **ATTACHMENT 5**





# Town of Norfolk, CT



Search No Global Search Results Return



# Town of Norfolk, CT

#### Layers Layers

- Quick Links:
- Layers:
  - Map
  - Search
  - Results
  - Report
  - Sales Search
  - Sales List
  - Sales Results
  - Field Definitions

Print Email Link

#### Summary



**Property Photo** 



**Account Number** 000171 **Parcel ID** 1140

**Property Address** 10 ASHPOHTAG RD **Use Class/Description**1-1 RESIDENTIAL LOT

Map/Block/Block Cut8-14/34// Zoning RU Acres 13.01

View Map

#### Owner

GUNDLACH KEVIN C 10 ASHPOHTAG RD NORFOLK, CT 06058

# **ATTACHMENT 6**



Name and Address of Sender	TOTAL NO.	OTAL NO.	Affix Stamp Here			
	of Pieces Listed by Sender of	Pieces Received at Post Office™	Postmark with Date	of Receipt.		
Kenneth C. Baldwin, Esq.						
Robinson & Cole LLP	7	$\langle 2 \rangle$				
280 Trumbull Street		<u> </u>		**		
Hartford, CT 06103			ned	post**		
	Postments and form of manifest and	(auga)	09	/16/2021 POSTAGE	3002.99°	
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	V.P		É		ZIP 06103 041L12205937	
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Firm-specific Identifier	(Name, Street, City, State	e, and ZIP Code™)	Postage	Fee	Special Handling	Parcel Airlift
4	Matthew T. Riiska, First S	Selectman				
1.	Town of Norfolk					
	19 Maple Avenue					
	Norfolk, CT 06058					
2.	Michael Halloran, Zoning	<b>Enforcement Officer</b>				
	Town of Norfolk					
	19 Maple Avenue					
	Norfolk, CT 06058			/		
3.	Kevin C. Gundlach			SE	+	
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