

Crown Castle 300 Barr Harbor Drive Suite 300 Conshohocken, PA 19428

May 30, 2024

Via Fedex #776623388442

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

RE:

Notice of Exempt Modification for Verizon Wireless: 5000381595

Crown Site ID# 806366

73 N Main St. Marlborough, CT 06447

Latitude: 41° 37′ 47.30″/ Longitude: -72° 27′ 59.40″

Dear Ms. Bachman:

Cellco Partnership d/b/a Verizon Wireless currently maintains twelve (12) antennas at the 159-foot mount on the existing 155-foot monopole tower located at 73 N Main St, Marlborough, CT. The property is owned by Advantage Properties LLC C/O Crown Atlantic Co and the tower is owned by Crown Castle. Cellco Partnership d/b/a Verizon Wireless now intends to remove nine (9) antennas and replace with nine (9) new antennas with 3 remaining antennas and ancillary antenna equipment at the 159-ft level. This Eligible Facilities Request for antenna modification/proposal of an existing telecommunications facility includes hardware that is both 4G (LTE) and 5G capable through remote software configuration and either or both services may be turned on or off at various times.

Planned Modification:

Tower:

Install New:

- (3) COMMSCOPE NHH-656B-R2B ANTENNAS
- (3) COMMSCOPE NHHSS-65B-R2BT4 ANTENNAS
- (3) SAMSUNG MT6413-77A ANTENNAS
- (3) SAMSUNG RF4461D-13A RADIOS
- (3) SAMSUNG B2/B66A RRH ORAN (RF4439D-25A) RADIOS
- (3) SAMSUNG RT4423-48A RADIOS
- (2) RAYCAP 6 OVP
- (3) COMMSCOPE BSAMNT-SBS-1-2 DUAL MOUNT KIT

Remove:

- (3) ANDREW SBNHH-1D65B ANTENNAS
- (3) ANDREW LNX-6514DS-A1M ANTENNAS
- (3) COMMSCOPE SBNHH-1D65B ANTENNAS
- (2) RAYCAP 6 OVP
- (3) NOKIA UHBA B13 RRH 4X30 RADIOS

(3) NOKIA - UHIC B4 RRH 2X60-4R RADIOS

Ground:

Install New:

(1) GEMINI – 1600390862A POWER PLANT

The facility was originally approved by the Connecticut Siting Council, Docket No. 169 on October 25, 1999.

Please accept this letter as notification pursuant to Regulations of Connecticut State Agencies §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 David Porter, Town Manager, Town of Marlborough and Peter Hughes, Director of Planning & Development, Town of Marlborough. Crown Castle is the tower owner and listed on the property card as "C/O Property Owner".

- 1. The proposed modifications will not result in an increase in the height of the existing tower.
- 2. The proposed modifications will not require the extension of the site boundary.
- 3. The proposed modification will not increase noise levels at the facility by six decibels or more, or to levels that exceed state and local criteria.
- 4. The operation of the replacement antennas will not increase radio frequency emissions at the facility to a level at or above the Federal Communication Commission safety standard.
- 5. The proposed modifications will not cause a change or alteration in the physical or environmental characteristics of the site.
- 6. The existing structure and its foundation can support the proposed loading.

For the foregoing reasons, Cellco Partnership d/b/a Verizon Wireless respectfully submits that the proposed modifications to the above-reference telecommunications facility constitutes an exempt modification under R.C.S.A. § 16-50j-72(b)(2). Please send approval/rejection letter to Attn: Jenifer Bachi.

Sincerely

Jenifer Bachi^N
Permitting Specialist
300 Barr Harbor Drive, Ste. 300
Conshohocken, PA 19428
(610) 635-3221
Jenifer.bachi@crowncastle.com

Attachments are as follows:

Exhibit A - Original Facility Approval

Exhibit B - Property Card

Exhibit C - Property Map

Exhibit D - Construction Drawings

Exhibit E – Structural Analysis Report

Exhibit F - Mount Analysis Report

Exhibit G – Power Density / RF Emissions Report

Exhibit H - Recipient Mailing Records

Check #2960733 for \$625 Application Fee

cc:

Via Fedex # 776623289115 David Porter, Town Manager Town of Marlborough 26 North Main Street P.O. Box 29 Marlborough, CT 06447 860-295-6204

Via Fedex# 776623361332
Peter Hughes, Director of Planning & Development
Town of Marlborough
26 North Main Street
P.O. Box 29
Marlborough, CT 06447
860-295-6206

Crown Castle, Tower Owner

Check Application Fee \$625

THIS CHECK PRINTED ON DOCUCHECK GHOST PAPER AND HAS A GRAPHIC WATERMARK ON REVERSE SIDE

CROWN CASTLE USA INC. 2000 CORPORATE DRIVE CANONSBURG PA 15317 724-416-2000 JPMorgan Chase Bank, N.A. DALLAS TX 32-61/1110

2960733

SIX HUNDRED TWENTY FIVE AND 00/100**

DATE 05/10/24

\$*****625.00

Pay To Connecticut Siting Council
The Ten Franklin Square
Order Of New Britain CT 06051

2695915

LOU & COL. VPaul Catroller

VOID AFTER 180 DAYS

2960733# #111000614#

1034104531

Check No 2960733 Check Date 05/10/24

Stub 1 of 1

CKRQ 806366 662908 ZN

05/10/24 Inv

Invoice Summ

625.00

625.00

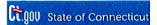
Marlborough CT-Verlyon

625.00

625.00

EXHIBIT A

Original Facility Approval









CONNECTICUT SITING COUNCIL

Home

About Us

Pending Matte

Decision

Forms

Contact I is

Filing Guides

Meetings & Minutes

Public Participation

Audio Link to New Britain Hearing Rooms

Programs & Services

Telecommunications Database

Publications

Other Resources

Statutes & Regulations

Electric Transmission Upgrade Projects

Frequently Asked Questions



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Regulations of CT State Agencies



Melanie Bachman,

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DOCKET NO. 169 - An application of Bell Atlantic NYNEX Mobile, for a Certificate of Environmental Compatibility and Public Need for the construction, maintenance, and operation of a telecommunications tower and associated equipment located within a 56+/- acre parcel at 56 East Hampton Road, in Marlborough, Connecticut. The proposed alternatives are located within a 21.7+/- acre parcel at North Main Street and within a 2.5+/- acre parcel at 9-11 South Main Street, in Marlborough, Connecticut.

Connecticut Siting Council

October 25, 1995

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 cellular telecommunications tower and equipment building at the proposed first alternate site in Marlborough, Connecticut, 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 Bell Atlantic NYNEX Mobile, Inc. (BANM) for the construction, operation, and maintenance of a cellular telecommunications tower, associated equipment, and building at the proposed first alternate site, located within a 21.7+/- acre parcel at North Main Street, Marlborough, Connecticut. We find the effects on scenic resources and adjacent land uses of the prime site and second alternate site to be significant, and therefore deny certification of these sites.

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

- 1. The tower shall be constructed as a monopole, no taller than necessary to provide the proposed communications service, sufficient to accommodate the antennas of Springwich Cellular Limited Partnership and the Town of Marlborough, and not to exceed a total height of 160 feet above ground level (AGL).
- 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 submitted to and approved by the Council prior to the commencement of facility construction and shall include placement of utilities underground, relocation of the tower within the leased parcel to provide the maximum practicable buffer of the tower from adjacent land owners; plans for the tower foundation; specifications for the placement of all antennas to be attached to this tower; plans for the equipment building and security fence; plans for the access road and utility line installation from North Main Street; plans for site clearing and tree trimming; and plans for water drainage and erosion and sedimentation controls consistent with the Connecticut Guidelines for Soil Erosion and Sediment Control, as amended.
- 3. 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.
- 4. The Certificate Holder shall provide the Council a recalculated report of electromagnetic radio frequency power density if and when circumstances in operation cause a change in power density above the levels originally calculated and provided in the application.
- 5. The Certificate Holder shall permit public or private entities to share space on the proposed tower for fair consideration, or shall provide any requesting entity with specific legal, technical, environmental, or economic reasons precluding such tower sharing.
- 6. If the facility does not initially provide, or permanently ceases to provide cellular services following completion of construction, this Decision and Order shall be void, and the Certificate Holder shall dismantle the tower and remove all associated equipment or reapplication for any continued or new use shall be made to the Council before any such use is made.
- 7. Unless otherwise approved by the Council, this Decision and Order shall be void if all construction authorized herein is not completed within three years of the effective date of this Decision and Order or within three years after all appeals to this Decision and Order have been resolved.
- 8. The Certificate Holder shall notify the Council upon completion of construction and provide the final cost to construct the facility.

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 The Hartford Courant, and the Middletown Press.

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:

<u>APPLICANT</u> <u>ITS REPRESENTATIVE</u>

Bell Atlantic NYNEX Mobile, Inc.

Brian C. S. Freeman, Esq.
Kenneth C. Baldwin, Esq.

Robinson & Cole One Commercial Plaza Hartford, CT 06103-3597

David S. Malko

General Manager - Engineering

Sandy M. Ranciato Regulatory Services

Bell Atlantic NYNEX Mobile, Inc.

20 Alexander Drive Wallingford, CT 06492

<u>INTERVENOR</u> <u>ITS REPRESENTATIVE</u>

Springwich Cellular Limited Partnership Peter J. Tyrrell, Esq.

Springwich Cellular Limited Partnership

227 Church Street New Haven, CT 06510

<u>PARTY</u> <u>ITS REPRESENTATIVE</u>

Town of Marlborough William S. Fish, Jr.

Tyler, Cooper & Alcorn CityPlace, 35th Floor Hartford, CT 06103-3488

PARTY ITS REPRESENTATIVE

Neighbors Endorsing an Appropriate Tower Barry S. Zitser

(NEAT) Perakos, Kindl & Zitser

207 Main Street Hartford, CT 06106

Content Last Modified on 8/9/2002 11:28:31 AM

Ten Franklin Square New Britain, CT 06051 / 860- 827-2935

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EXHIBIT B

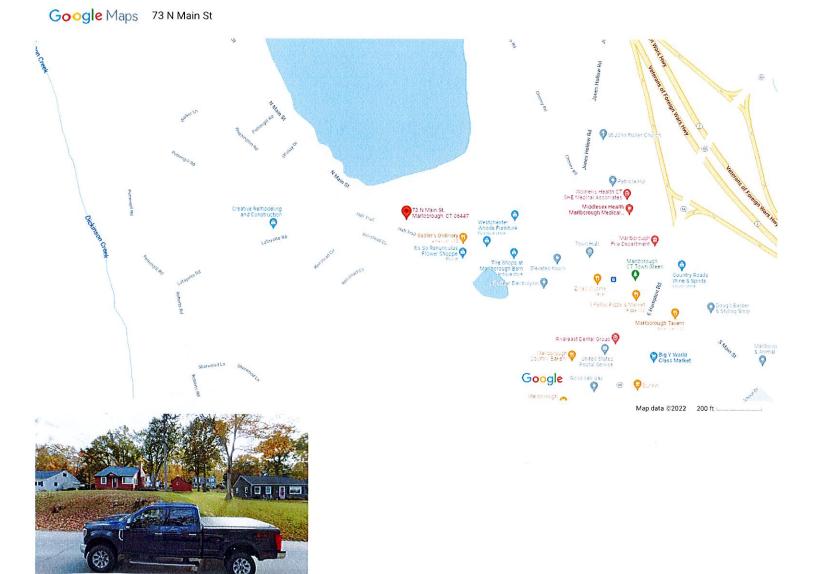
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		15317		0	EXEMPTIONS	Description		Nbhd Name		JD MARLB	5.74 AC			-	888		Zone La	α α	Total Card Land Units
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on 73 NO MAIN ST 00287	Description Support Shed Commercial Average 1 Story Reinforc Concr Flat T&G/Rubber Minimin	Concrete Coal or Wood None Central Commercial HEAT/AC SPLIT Reinforced Cnc None	Light	OB - OUTBUILDING & YARD ITEMS(L) Imption L/B Units Unit Price Yr Blt 1 360 20.00 1999 1 192 20.00 2000 1 192 3.50 2000 Ver L 4 163600.0 2011	Description Living Area Floor Area Eff A 840 840	Tel Coop Liv / Long Arch
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EXHIBIT C

Property Map



73 N Main St















JGMM+78 Marlborough, Connecticut

Photos

EXHIBIT D

Construction Drawings

Verizon

VERIZON SITE NUMBER: 5000381595

MARLBOROUGH CT **VERIZON SITE NAME:**

16271973 **VERIZON PROJECT:**

SITE TYPE: **MONOPOLE**

156'-3" **TOWER HEIGHT:**

BUSINESS UNIT #: 806366

73 N MAIN ST **SITE ADDRESS:**

MARLBOROUGH, CT 06447

DATE

HARTFORD COUNTY:

JURISDICTION: TOWN OF MARLBOROUGH

verizon

CROWN

SITE INFORMATION

CROWN CASTLE USA INC.

SITE NAME:

HRT 107(C) 943204 BU NUMBER:

TOWER OWNER

2000 CORPORATE DRIVE CANONSBURG, PA 15317

CROWN CASTLE USA, INC

CARRIER/APPLICANT:

20 ALEXANDER DRIVE WALLINGFORD, CT 06492

41° 37' 47.25" / 41.6298°

-72° 27' 59.03" / -72.4664°

000008-000026-000056CD

VERIZON WIRELESS

SITE ADDRESS:

MARLBOROUGH, CT 06447 HARTFORD

581'+/- AMSL

EXISTING

73 N MAIN ST

LATITUDE: LONGITUDE: LAT/LONG TYPE:

COUNTY:

GROUND ELEVATION: AREA OF CONSTRUCTION:

CURRENT ZONING: MAP/PARCEL #:

OCCUPANCY CLASSIFICATION: U

A.D.A. COMPLIANCE:

TYPE OF CONSTRUCTION:

FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION

PROPERTY OWNER: GLOBAL SIGNAL ACQUISITION PO BOX 277455

ATLANTA, GA 30384

MARLBOROUGH, CT 06447

ALEXANDER MABBETT - PROJECT MANAGER

HEATHER.MILLER@CROWNCASTLE.COM

ALEXANDER.MABBETT@CROWNCASTLE.COM

JURISDICTION: TOWN OF MARLBOROUGH 26 NORTH MAIN STREET

ELECTRIC PROVIDER: CONNECTICUT LIGHT & POWER CO

PROJECT TEAM

CROWN CASTLE USA, INC

2000 CORPORATE DRIVE

CANONSBURG, PA 15317

8020 KATY FREEWAY

HEATHER MILLER - AES

HOUSTON, TX 77024

(800) 286-2000

TELCO PROVIDER: AT&T (800) 331-0500

CONTRACTOR SHALL VERIFY ALL PLANS AND EXISTING DIMENSIONS AND CONDITIONS ON THE JOB SITE AND SHALL IMMEDIATELY NOTIFY THE ENGINEER IN WRITING OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK OR BE RESPONSIBLE FOR SAME.

ALL DRAWINGS CONTAINED HEREIN ARE FORMATTED FOR 22X34.

DRAWING INDEX

SHEET DESCRIPTION



CALL 2 WORKING DAYS BEFORE YOU DIG!

PMI ACCESSED AT

SMART TOOL VENDOR

SHEET#

TITLE SHEET

SITE PLAN

GENERAL NOTES

TOWER ELEVATIONS

COLOR CODE MATRIX

GROUNDING DETAILS

TTACHED | MOUNT MODIFICATION

ATTACHED RFDS

FINAL EQUIPMENT SCHEDULE

EQUIPMENT DETAILS & SPECIFICATIONS

EQUIPMENT DETAILS & SPECIFICATIONS

ANTENNA PLANS

PROJECT NUMBER

VzW LOCATION CODE (PSLC)

*** PMI AND REQUIREMENTS ALSO EMBEDDED IN MOUNT ANALYSIS REPORT

MOUNT MODIFICATION REQUIRED

VzW APPROVED SMART KIT VENDORS

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

APPROVALS

PROJECT DESCRIPTION

THE PURPOSE OF THIS PROJECT IS TO ENHANCE BROADBAND

CONNECTIVITY AND CAPACITY TO THE EXISTING ELIGIBLE

• REMOVE (3) ANDREW - SBNHH-1D65B ANTENNA

• REMOVE (3) NOKIA - UHBA B13 RRH 4X30 RADIO

• REMOVE (3) NOKIA - UHIC B4 RRH 2X60-4R RADIO

• INSTALL (3) COMMSCOPE - NHH-65B-R2B ANTENNA

• INSTALL (3) SAMSUNG - MT6413-77A ANTENNA • INSTALL (3) SAMSUNG - RF4461D-13A RADIO

• INSTALL (3) SAMSUNG - RT4423-48A RADIO

• INSTALL (3) COMMSCOPE - NHHSS-65B-R2BT4 ANTENNA

• INSTALL (3) SAMSUNG - B2/B66A RRH ORAN (RF4439D-25A) RADIO

• REMOVE (3) ANDREW - LNX-6514DS-A1M ANTENNA

• REMOVE (3) COMMSCOPE - SBNHH-1D65B ANTENNA

SIGNATURE

VERIZON SIGNATURE BLOCK

APPROVAL

SITE ACQUISITION

CONSTRUCTION

MICROWAVE

EOUIPMENT

PROJECT ADMINISTRATOR

CROWN CASTLE USA INC. SINGNATURE BLOCK APPROVAL

WO ADMINISTRATOR

SITE ACQUISITION

PLANNER

CONSTRUCTION

PROJECT MANAGER UTILITY MANAGER

WIRELESS FACILITY.

TOWER SCOPE OF WORK:

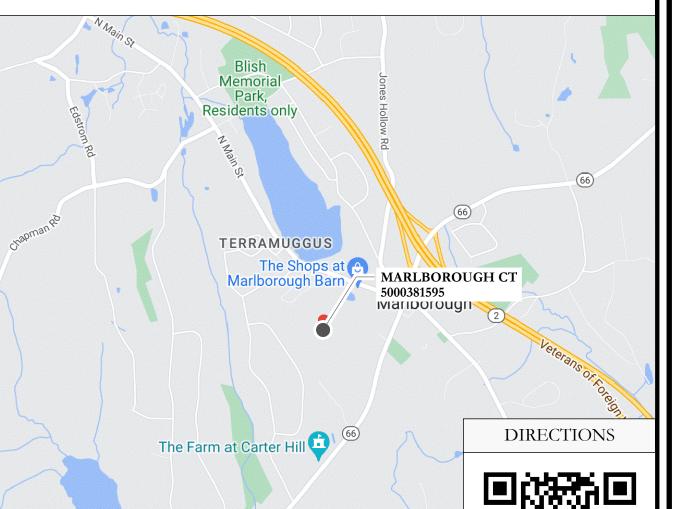
• REMOVE (2) RAYCAP - 6 OVP

• INSTALL (2) RAYCAP - 6 OVP

• REMOVE (1) NON LI HYBRID CABLE

LANDLORD

LOCATION MAP



NO SCALE

APPLICABLE CODES & REFERENCE DOCUMENTS

ALL WORK SHALL BE PERFORMED AND MATERIALS INSTALLED IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE FOLLOWING CODES AS ADOPTED BY THE LOCAL GOVERNING AUTHORITIES. NOTHING IN THESE PLANS IS TO BE CONSTRUED TO PERMIT WORK NOT CONFORMING TO THESE CODES:

CODE TYPE

2022 CONNECTICUT SBC/2021 IBC BUILDING

MECHANICAL 2022 CONNECTICUT SBC/2021 IMC

ELECTRICAL 2022 CONNECTICUT SBC/2020 NEC

REFERENCE DOCUMENTS:

STRUCTURAL ANALYSIS: TOWER ENGINEERING PROFESSIONALS

DATED: 2/16/24

MOUNT ANALYSIS: COLLIERS ENGINEERING & DESIGN

DATED: 12/13/23

MOUNT MODIFICATION: COLLIERS ENGINEERING & DESIGN

DATED: 12/13/23

RFDS REVISION: 1

DATED: 4/12/24

ORDER ID: 662908

REVISION: 0

BU #: **806366**

VERIZON SITE NUMBER:

5000381595

CROWN CASTLE SITE NAME HRT 107(C) 943204

73 N MAIN ST MARLBOROUGH, CT 06447

> **EXISTING 156'-3"** MONOPOLE

				144								
	ISSUED FOR:											
REV	DATE	DRWN	DESCRIPTION	DES./QA								
0	3/28/24	AJC	FINAL	MD								
1	5/22/24	AJC	REVISION	MD								

5/24/2024 | 6:59:45 AM CDT

CROWN CASTLE USA INC. ERTIFICATE OF REGISTRATION #PEC.00011 IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT.

SHEET NUMBER

REVISION: A

A&E FIRM:

CROWN CASTLE

CONTACTS:

USA INC. DISTRICT

PRIOR TO ACCESSING/ENTERING THE SITE YOU MUST CONTACT THE CROWN NOC AT (800) 788-7011 & CROWN CONSTRUCTION MANAGER

CONTRACTOR PMI REQUIREMENTS

https://pmi.vzwsmart.com

10215182

• INSTALL (3) COMMSCOPE - BSAMNT-SBS-1-2 DUAL MOUNT KIT

GROUND SCOPE OF WORK: • INSTALL (1) GEMINI - 1600390862A POWER PLANT

INSTALLER NOTE:

NO PROPOSED LOADING TO BE ADDED UNTIL MOUNT MODIFICATIONS ARE INSTALLED PER MOUNT MODIFICATION DESIGN BY COLLIERS ENGINEERING & DESIGN DATED 12/13/23.

"LOOK UP" - CROWN CASTLE USA INC. SAFETY CLIMB REQUIREMENT:

THE INTEGRITY OF THE SAFETY CLIMB AND ALL COMPONENTS OF THE CLIMBING FACILITY SHALL BE CONSIDERED DURING ALL STAGES OF DESIGN, INSTALLATION, AND INSPECTION. TOWER MODIFICATION, MOUNT REINFORCEMENTS, AND/OR EQUIPMENT INSTALLATIONS SHALL NOT COMPROMISE THE INTEGRITY OR FUNCTIONAL USE OF THE SAFETY CLIMB OR ANY COMPONENTS OF THE CLIMBING FACILITY ON THE STRUCTURE. THIS SHALL INCLUDE, BUT NOT BE LIMITED TO: PINCHING OF THE WIRE ROPE, BENDING OF THE WIRE ROPE FROM ITS SUPPORTS, DIRECT CONTACT OR CLOSE PROXIMITY TO THE WIRE ROPE WHICH MAY CAUSE FRICTIONAL WEAR, IMPACT TO THE ANCHORAGE POINTS IN ANY WAY, OR TO IMPEDE/BLOCK ITS INTENDED USE. ANY COMPROMISED SAFETY CLIMB, INCLUDING EXISTING CONDITIONS MUST BE TAGGED OUT AND REPORTED TO YOUR CROWN CASTLE USA INC. POC OR CALL THE NOC TO GENERATE A SAFETY CLIMB MAINTENANCE AND CONTRACTOR NOTICE TICKET.

- PRIOR TO THE START OF CONSTRUCTION, ALL REQUIRED JURISDICTIONAL PERMITS SHALL BE OBTAINED. THIS INCLUDES, BUT IS NOT LIMITED TO, BUILDING, ELECTRICAL, MECHANICAL, FIRE, FLOOD ZONE, ENVIRONMENTAL, AND ZONING. AFTER ONSITE ACTIVITIES AND CONSTRUCTION ARE COMPLETED, ALL REQUIRED PERMITS SHALL BE SATISFIED AND CLOSED OUT ACCORDING TO LOCAL JURISDICTIONAL REQUIREMENTS.
- ALL CONSTRUCTION MEANS AND METHODS; INCLUDING BUT NOT LIMITED TO, ERECTION PLANS, RIGGING PLANS, CLIMBING PLANS, AND RESCUE PLANS SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR RESPONSIBLE FOR THE EXECUTION OF THE WORK CONTAINED HEREIN, AND SHALL MEET ANSI/ASSE A10.48 (LATEST EDITION); FEDERAL, STATE, AND LOCAL REGULATIONS; AND ANY APPLICABLE INDUSTRY CONSENSUS STANDARDS RELATED TO THE CONSTRUCTION ACTIVITIES BEING PERFORMED. ALL RIGGING PLANS SHALL ADHERE TO ANSI/ASSE A10.48 (LATEST EDITION) AND CROWN CASTLE USA INC. STANDARD CED-STD-10253, INCLUDING THE REQUIRED INVOLVEMENT OF A QUALIFIED ENGINEER FOR CLASS IV CONSTRUCTION, TO CERTIFY THE SUPPORTING STRUCTURE(S) IN ACCORDANCE WITH ANSI/TIA-322 (LATEST EDITION).
- ALL SITE WORK TO COMPLY WITH QAS-STD-10068 "INSTALLATION STANDARDS FOR CONSTRUCTION ACTIVITIES ON CROWN CASTLE USA INC. TOWER SITE," CED-STD-10294 "STANDARD FOR INSTALLATION OF MOUNTS AND APPURTENANCES," AND LATEST VERSION OF ANSI/TIA-1019-A-2012 "STANDARD FOR INSTALLATION, ALTERATION, AND MAINTENANCE OF ANTENNA SUPPORTING STRUCTURES AND ANTENNAS."
- 6. IF THE SPECIFIED EQUIPMENT CAN NOT BE INSTALLED AS SHOWN ON THESE DRAWINGS. THE CONTRACTOR SHALL PROPOSE AN ALTERNATIVE INSTALLATION FOR APPROVAL BY CROWN CASTLE USA INC. PRIOR TO PROCEEDING WITH ANY SUCH CHANGE OF INSTALLATION.
- 7. ALL MATERIALS FURNISHED AND INSTALLED SHALL BE IN STRICT ACCORDANCE WITH ALL APPLICABLE CODES, REGULATIONS AND ORDINANCES. CONTRACTOR SHALL ISSUE ALL APPROPRIATE NOTICES AND COMPLY WITH ALL LAWS, ORDINANCES, RULES, REGULATIONS AND LAWFUL ORDERS OF ANY PUBLIC AUTHORITY REGARDING THE PERFORMANCE OF THE WORK. ALL WORK CARRIED OUT SHALL COMPLY WITH ALL APPLICABLE MUNICIPAL AND UTILITY COMPANY SPECIFICATIONS AND LOCAL JURISDICTIONAL CODES, ORDINANCES AND APPLICABLE REGULATIONS.
- THE CONTRACTOR SHALL INSTALL ALL EQUIPMENT AND MATERIALS IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS UNLESS SPECIFICALLY STATED OTHERWISE.
- THE CONTRACTOR SHALL CONTACT UTILITY LOCATING SERVICES PRIOR TO THE START OF CONSTRUCTION. 10. ALL EXISTING ACTIVE SEWER, WATER, GAS, ELECTRIC AND OTHER UTILITIES WHERE ENCOUNTERED IN THE WORK, SHALL BE PROTECTED AT ALL TIMES AND WHERE REQUIRED FOR THE PROPER EXECUTION OF THE WORK, SHALL BE RELOCATED AS DIRECTED BY CONTRACTOR. EXTREME CAUTION SHOULD BE USED BY THE CONTRACTOR WHEN EXCAVATING OR DRILLING PIERS AROUND OR NEAR UTILITIES. CONTRACTOR SHALL PROVIDE SAFETY TRAINING FOR THE WORKING CREW. THIS WILL INCLUDE BUT NOT BE LIMITED TO A) FALL PROTECTION B) CONFINED SPACE C) ELECTRICAL SAFETY D) TRENCHING AND EXCAVATION E)
- 11. ALL SITE WORK SHALL BE AS INDICATED ON THE STAMPED CONSTRUCTION DRAWINGS AND PROJECT SPECIFICATIONS, LATEST APPROVED REVISION.
- 12. CONTRACTOR SHALL KEEP THE SITE FREE FROM ACCUMULATING WASTE MATERIAL, DEBRIS, AND TRASH AT THE COMPLETION OF THE WORK. IF NECESSARY, RUBBISH, STUMPS, DEBRIS, STICKS, STONES AND OTHER REFUSE SHALL BE REMOVED FROM THE SITE AND DISPOSED OF LEGALLY
- 13. ALL EXISTING INACTIVE SEWER, WATER, GAS, ELECTRIC AND OTHER UTILITIES, WHICH INTERFERE WITH THE EXECUTION OF THE WORK, SHALL BE REMOVED AND/OR CAPPED, PLUGGED OR OTHERWISE DISCONTINUED AT POINTS WHICH WILL NOT INTERFERE WITH THE EXECUTION OF THE WORK, SUBJECT TO THE APPROVAL OF CONTRACTOR, TOWER OWNER, CROWN CASTLE USA INC., AND/OR LOCAL UTILITIES
- 14. THE CONTRACTOR SHALL PROVIDE SITE SIGNAGE IN ACCORDANCE WITH THE TECHNICAL SPECIFICATION FOR SITE SIGNAGE REQUIRED BY LOCAL JURISDICTION AND SIGNAGE REQUIRED ON INDIVIDUAL PIECES OF EQUIPMENT, ROOMS, AND SHELTERS.
- 15. THE SITE SHALL BE GRADED TO CAUSE SURFACE WATER TO FLOW AWAY FROM THE CARRIER'S EQUIPMENT AND TOWER AREAS.
- THE SUB GRADE SHALL BE COMPACTED AND BROUGHT TO A SMOOTH UNIFORM GRADE PRIOR TO FINISHED SURFACE APPLICATION. 17. THE AREAS OF THE OWNERS PROPERTY DISTURBED BY THE WORK AND NOT COVERED BY THE TOWER,
- EQUIPMENT OR DRIVEWAY, SHALL BE GRADED TO A UNIFORM SLOPE, AND STABILIZED TO PREVENT EROSION AS SPECIFIED ON THE CONSTRUCTION DRAWINGS AND/OR PROJECT SPECIFICATIONS.
- 18. CONTRACTOR SHALL MINIMIZE DISTURBANCE TO EXISTING SITE DURING CONSTRUCTION. EROSION CONTROL MEASURES, IF REQUIRED DURING CONSTRUCTION, SHALL BE IN CONFORMANCE WITH THE LOCAL GUIDELINES FOR EROSION AND SEDIMENT CONTROL.
- 19. THE CONTRACTOR SHALL PROTECT EXISTING IMPROVEMENTS, PAVEMENTS, CURBS, LANDSCAPING AND STRUCTURES. ANY DAMAGED PART SHALL BE REPAIRED AT CONTRACTOR'S EXPENSE TO THE SATISFACTION
- 20. CONTRACTOR SHALL LEGALLY AND PROPERLY DISPOSE OF ALL SCRAP MATERIALS SUCH AS COAXIAL CABLES AND OTHER ITEMS REMOVED FROM THE EXISTING FACILITY. ANTENNAS REMOVED SHALL BE RETURNED TO THE OWNER'S DESIGNATED LOCATION.
- 21. CONTRACTOR SHALL LEAVE PREMISES IN CLEAN CONDITION. TRASH AND DEBRIS SHOULD BE REMOVED FROM SITE ON A DAILY BASIS.
- 22. NO FILL OR EMBANKMENT MATERIAL SHALL BE PLACED ON FROZEN GROUND. FROZEN MATERIALS, SNOW OR ICE SHALL NOT BE PLACED IN ANY FILL OR EMBANKMENT.

GENERAL NOTES:

FOR THE PURPOSE OF CONSTRUCTION DRAWING, THE FOLLOWING DEFINITIONS SHALL APPLY: CONTRACTOR: GENERAL CONTRACTOR RESPONSIBLE FOR CONSTRUCTION

TOWER OWNER: CROWN CASTLE USA INC.

- THESE DRAWINGS HAVE BEEN PREPARED USING STANDARDS OF PROFESSIONAL CARE AND COMPLETENESS NORMALLY EXERCISED UNDER SIMILAR CIRCUMSTANCES BY REPUTABLE ENGINEERS IN THIS OR SIMILAR LOCALITIES. IT IS ASSUMED THAT THE WORK DEPICTED WILL BE PERFORMED BY AN EXPERIENCED CONTRACTOR AND/OR WORKPEOPLE WHO HAVE A WORKING KNOWLEDGE OF THE APPLICABLE CODE STANDARDS AND REQUIREMENTS AND OF INDUSTRY ACCEPTED STANDARD GOOD PRACTICE. AS NOT EVERY CONDITION OR ELEMENT IS (OR CAN BE) EXPLICITLY SHOWN ON THESE DRAWINGS, THE CONTRACTOR SHALL USE INDUSTRY ACCEPTED STANDARD GOOD PRACTICE FOR MISCELLANEOUS WORK NOT EXPLICITLY SHOWN.
- THESE DRAWINGS REPRESENT THE FINISHED STRUCTURE. THEY DO NOT INDICATE THE MEANS OR METHODS OF CONSTRUCTION. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, AND PROCEDURES. THE CONTRACTOR SHALL PROVIDE ALL MEASURES NECESSARY FOR PROTECTION OF LIFE AND PROPERTY DURING CONSTRUCTION. SUCH MEASURES SHALL INCLUDE, BUT NOT BE LIMITED TO, BRACING, FORMWORK, SHORING, ETC. SITE VISITS BY THE ENGINEER OR HIS REPRESENTATIVE WILL NOT INCLUDE INSPECTION OF THESE ITEMS AND IS FOR STRUCTURAL OBSERVATION OF THE FINISHED STRUCTURE ONLY.
- NOTES AND DETAILS IN THE CONSTRUCTION DRAWINGS SHALL TAKE PRECEDENCE OVER GENERAL NOTES AND TYPICAL DETAILS. WHERE NO DETAILS ARE SHOWN, CONSTRUCTION SHALL CONFORM TO SIMILAR WORK ON THE PROJECT, AND/OR AS PROVIDED FOR IN THE CONTRACT DOCUMENTS. WHERE DISCREPANCIES OCCUR BETWEEN PLANS, DETAILS, GENERAL NOTES, AND SPECIFICATIONS, THE GREATER, MORE STRICT REQUIREMENTS, SHALL GOVERN. IF FURTHER CLARIFICATION IS REQUIRED CONTACT THE ENGINEER OF RECORD.
- SUBSTANTIAL EFFORT HAS BEEN MADE TO PROVIDE ACCURATE DIMENSI<mark>ONS AND MEASUREMENTS ON</mark> THE DRAWINGS TO ASSIST IN THE FABRICATION AND/OR PLACEMENT OF CONSTRUCTION ELEMENTS BUT IT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO FIELD VERIFY THE DIMENSIONS, MEASUREMENTS, AND/OR CLEARANCES SHOWN IN THE CONSTRUCTION DRAWINGS PRIOR TO FABRICATION OR CUTTING OF ANY NEW OR EXISTING CONSTRUCTION ELEMENTS. IF IT IS DETERMINED THAT THERE ARE DISCREPANCIES AND/OR CONFLICTS WITH THE CONSTRUCTION DRAWINGS THE ENGINEER OF RECORD IS TO BE NOTIFIED AS SOON AS POSSIBLE
- PRIOR TO THE SUBMISSION OF BIDS, THE BIDDING CONTRACTOR SHALL VISIT THE CELL SITE TO FAMILIARIZE WITH THE EXISTING CONDITIONS AND TO CONFIRM THAT THE WORK CAN BE ACCOMPLISHED AS SHOWN ON THE CONSTRUCTION DRAWINGS. ANY DISCREPANCY FOUND SHALL BE BROUGHT TO THE ATTENTION OF CROWN CASTLE ALL MATERIALS FURNISHED AND INSTALLED SHALL BE IN STRICT ACCORDANCE WITH ALL APPLICABLE CODES,
- REGULATIONS AND ORDINANCES. CONTRACTOR SHALL ISSUE ALL APPROPRIATE NOTICES AND COMPLY WITH ALL LAWS, ORDINANCES, RULES, REGULATIONS AND LAWFUL ORDERS OF ANY PUBLIC AUTHORITY REGARDING THE PERFORMANCE OF THE WORK. ALL WORK CARRIED OUT SHALL COMPLY WITH ALL APPLICABLE MUNICIPAL AND UTILITY COMPANY SPECIFICATIONS AND LOCAL JURISDICTIONAL CODES, ORDINANCES AND APPLICABLE REGULATIONS.
- UNLESS NOTED OTHERWISE, THE WORK SHALL INCLUDE FURNISHING MATERIALS, EQUIPMENT, APPURTENANCES AND LABOR NECESSARY TO COMPLETE ALL INSTALLATIONS AS INDICATED ON THE DRAWINGS.
- THE CONTRACTOR SHALL INSTALL ALL EQUIPMENT AND MATERIALS IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS UNLESS SPECIFICALLY STATED OTHERWISE.
- 10. IF THE SPECIFIED EQUIPMENT CAN NOT BE INSTALLED AS SHOWN ON THESE DRAWINGS, THE CONTRACTOR SHALL PROPOSE AN ALTERNATIVE INSTALLATION FOR APPROVAL BY THE CARRIER AND CROWN CASTLE PRIOR TO PROCEEDING WITH ANY SUCH CHANGE OF INSTALLATION.
- 11. CONTRACTOR IS TO PERFORM A SITE INVESTIGATION AND IS TO DETERMINE THE BEST ROUTING OF ALL CONDUITS FOR POWER, AND TELCO AND FOR GROUNDING CABLES AS SHOWN IN THE POWER, TELCO, AND GROUNDING PLAN DRAWINGS
- 12. THE CONTRACTOR SHALL PROTECT EXISTING IMPROVEMENTS, PAVEMENTS, CURBS, LANDSCAPING AND STRUCTURES. ANY
- DAMAGED PART SHALL BE REPAIRED AT CONTRACTOR'S EXPENSE TO THE SATISFACTION OF CROWN CASTLE USA INC. 13. CONTRACTOR SHALL LEGALLY AND PROPERLY DISPOSE OF ALL SCRAP MATERIALS SUCH AS COAXIAL CABLES AND OTHER ITEMS REMOVED FROM THE EXISTING FACILITY. ANTENNAS REMOVED SHALL BE RETURNED TO THE OWNER'S
- DESIGNATED LOCATION 14. CONTRACTOR SHALL LEAVE PREMISES IN CLEAN CONDITION. TRASH AND DEBRIS SHOULD BE REMOVED FROM SITE ON A DAILY BASIS.

CONCRETE, FOUNDATIONS, AND REINFORCING STEEL:

- ALL CONCRETE WORK SHALL BE IN ACCORDANCE WITH THE ACI 301, ACI 318, ACI 336, ASTM A184, ASTM A185 AND THE DESIGN AND CONSTRUCTION SPECIFICATION FOR CAST-IN-PLACE CONCRETE.
- UNLESS NOTED OTHERWISE, SOIL BEARING PRESSURE USED FOR DESIGN OF SLABS AND FOUNDATIONS IS ASSUMED TO BE 1000 psf. ALL CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH (f'c) OF 3000 psi AT 28 DAYS, UNLESS NOTED
- OTHERWISE. NO MORE THAN 90 MINUTES SHALL ELAPSE FROM BATCH TIME TO TIME OF PLACEMENT UNLESS APPROVED BY THE ENGINEER OF RECORD. TEMPERATURE OF CONCRETE SHALL NOT EXCEED 90°f AT TIME OF
- CONCRETE EXPOSED TO FREEZE-THAW CYCLES SHALL CONTAIN AIR ENTRAINING ADMIXTURES. AMOUNT OF AIR ENTRAINMENT TO BE BASED ON SIZE OF AGGREGATE AND F3 CLASS EXPOSURE (VERY SEVERE). CEMENT USED TO BE TYPE II PORTLAND CEMENT WITH A MAXIMUM WATER-TO-CEMENT RATIO (W/C) OF 0.45.
- ALL STEEL REINFORCING SHALL CONFORM TO ASTM A615. ALL WELDED WIRE FABRIC (WWF) SHALL CONFORM TO ASTM A185. ALL SPLICES SHALL BE CLASS "B" TENSION SPLICES, UNLESS NOTED OTHERWISE. ALL HOOKS SHALL BE STANDARD 90 DEGREE HOOKS, UNLESS NOTED OTHERWISE. YIELD STRENGTH (Fy) OF STANDARD DEFORMED BARS ARE AS FOLLOWS:
- #4 BARS AND SMALLER..... .40 ksi
- #5 BARS AND LARGER60 ksi THE FOLLOWING MINIMUM CONCRETE COVER SHALL BE PROVIDED FOR REINFORCING STEEL UNLESS SHOWN OTHERWISE
- CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH... CONCRETE EXPOSED TO EARTH OR WEATHER:
- #6 BARS AND LARGER.. #5 BARS AND SMALLER. ..1-1/2" CONCRETE NOT EXPOSED TO EARTH OR WEATHER:
- SLAB AND WALLS.... BEAMS AND COLUMNS.
- A TOOLED EDGE OR A 3/4" CHAMFER SHALL BE PROVIDED AT ALL EXPOSED EDGES OF CONCRETE, UNLESS NOTED OTHERWISE, IN ACCORDANCE WITH ACI 301 SECTION 4.2.4.

GREENFIELD GROUNDING NOTES:

CONSTRUCTION SAFETY PROCEDURES.

- 1. ALL GROUND ELECTRODE SYSTEMS (INCLUDING TELECOMMUNICATION, RADIO, LIGHTNING PROTECTION AND AC POWER GES'S) SHALL BE BONDED TOGETHER AT OR BELOW GRADE, BY TWO OR MORE COPPER BONDING CONDUCTORS IN ACCORDANCE WITH THE NEC.
- THE CONTRACTOR SHALL PERFORM IEEE FALL—OF—POTENTAL RESISTANCE TO EARTH TESTING (PER IEEE 1100 AND 81) FOR GROUND ELECTRODE SYSTEMS, THE CONTRACTOR SHALL FURNISH AND INSTALL SUPPLEMENTAL GROUND ELECTRODES AS NEEDED TO ACHIEVE A TEST RESULT OF 5 OHMS OR LESS.
- THE CONTRACTOR IS RESPONSIBLE FOR PROPERLY SEQUENCING GROUNDING AND UNDERGROUND CONDUIT INSTALLATION AS TO PREVENT ANY LOSS OF CONTINUITY IN THE GROUNDING SYSTEM OR DAMAGE TO THE CONDUIT AND PROVIDE TESTING RESULTS.
- METAL CONDUIT AND TRAY SHALL BE GROUNDED AND MADE ELECTRICALLY CONTINUOUS WITH LISTED BONDING FITTINGS OR BY BONDING ACROSS THE DISCONTINUITY WITH #6 COPPER WIRE UL APPROVED GROUNDING TYPE CONDUIT CLAMPS
- METAL RACEWAY SHALL NOT BE USED AS THE NEC REQUIRED EQUIPMENT GROUND CONDUCTOR. STRANDED COPPER CONDUCTORS WITH GREEN INSULATION, SIZED IN ACCORDANCE WITH THE NEC, SHALL BE FURNISHED AND INSTALLED WITH THE POWER CIRCUITS TO BTS EQUIPMENT.
- EACH CABINET FRAME SHALL BE DIRECTLY CONNECTED TO THE MASTER GROUND BAR WITH GREEN INSULATED SUPPLEMENTAL EQUIPMENT GROUND WIRES, #6 STRANDED COPPER OR LARGER FOR INDOOR BTS; #2 BARE SOLID TINNED COPPER FOR OUTDOOR BTS. CONNECTIONS TO THE GROUND BUS SHALL NOT BE DOUBLED UP OR STACKED BACK TO BACK CONNECTIONS ON OPPOSITE SIDE OF THE GROUND BUS ARE PERMITTED.
- ALL EXTERIOR GROUND CONDUCTORS BETWEEN EQUIPMENT/GROUND BARS AND THE GROUND RING SHALL BE #2 SOLID TINNED COPPER UNLESS OTHERWISE INDICATED.
- ALUMINUM CONDUCTOR OR COPPER CLAD STEEL CONDUCTOR SHALL NOT BE USED FOR GROUNDING CONNECTIONS. 10. USE OF 90° BENDS IN THE PROTECTION GROUNDING CONDUCTORS SHALL BE AVOIDED WHEN 45° BENDS CAN BE ADEQUATELY SUPPORTED.
- 11. EXOTHERMIC WELDS SHALL BE USED FOR ALL GROUNDING CONNECTIONS BELOW GRADE.
- 12. ALL GROUND CONNECTIONS ABOVE GRADE (INTERIOR AND EXTERIOR) SHALL BE FORMED USING HIGH PRESS CRIMPS. 13. COMPRESSION GROUND CONNECTIONS MAY BE REPLACED BY EXOTHERMIC WELD CONNECTIONS.

LIGHTNING PROTECTION SYSTEM, AND BUILDING MAIN WATER LINE (FERROUS OR NONFERROUS METAL PIPING ONLY).

- 14. ICE BRIDGE BONDING CONDUCTORS SHALL BE EXOTHERMICALLY BONDED OR BOLTED TO THE BRIDGE AND THE TOWER GROUND BAR.
- 15. APPROVED ANTIOXIDANT COATINGS (i.e. CONDUCTIVE GEL OR PASTE) SHALL BE USED ON ALL COMPRESSION AND BOLTED GROUND CONNECTIONS.
- 16. ALL EXTERIOR GROUND CONNECTIONS SHALL BE COATED WITH A CORROSION RESISTANT MATERIAL.
- 17. MISCELLANEOUS ELECTRICAL AND NON-ELECTRICAL METAL BOXES, FRAMES AND SUPPORTS SHALL BE BONDED TO THE GROUND RING, IN ACCORDANCE WITH THE NEC.
- 18. BOND ALL METALLIC OBJECTS WITHIN 6 ft OF MAIN GROUND RING WITH (1) #2 BARE SOLID TINNED COPPER GROUND CONDUCTOR.
- 19. GROUND CONDUCTORS USED FOR THE FACILITY GROUNDING AND LIGHTNING PROTECTION SYSTEMS SHALL NOT BE ROUTED THROUGH METALLIC OBJECTS THAT FORM A RING AROUND THE CONDUCTOR, SUCH AS METALLIC CONDUITS,
- METAL SUPPORT CLIPS OR SLEEVES THROUGH WALLS OR FLOORS. WHEN IT IS REQUIRED TO BE HOUSED IN CONDUIT TO MEET CODE REQUIREMENTS OR LOCAL CONDITIONS, NON-METALLIC MATERIAL SUCH AS PVC CONDUIT SHALL BE USED. WHERE USE OF METAL CONDUIT IS UNAVOIDABLE (i.e., NONMETALLIC CONDUIT PROHIBITED BY LOCAL CODE) THE GROUND CONDUCTOR SHALL BE BONDED TO EACH END OF THE METAL CONDUIT. 20. ALL GROUNDS THAT TRANSITION FROM BELOW GRADE TO ABOVE GRADE MUST BE #2 BARE SOLID TINNED COPPER IN 3/4" NON-METALLIC, FLEXIBLE CONDUIT FROM 24" BELOW GRADE TO WITHIN 3" TO 6" OF CAD-WELD TERMINATION
- POINT. THE EXPOSED END OF THE CONDUIT MUST BE SEALED WITH SILICONE CAULK. (ADD TRANSITIONING GROUND STANDARD DETAIL AS WELL). 21. BUILDINGS WHERE THE MAIN GROUNDING CONDUCTORS ARE REQUIRED TO BE ROUTED TO GRADE, THE CONTRACTOR SHALL ROUTE TWO GROUNDING CONDUCTORS FROM THE ROOFTOP, TOWERS, AND WATER TOWERS GROUNDING RING, TO THE EXISTING GROUNDING SYSTEM, THE GROUNDING CONDUCTORS SHALL NOT BE SMALLER THAN 2/O COPPER. ROOFTOP GROUNDING RING SHALL BE BONDED TO THE EXISTING GROUNDING SYSTEM, THE BUILDING STEEL COLUMNS,

ELECTRICAL INSTALLATION NOTES:

EXPOSED INDOOR LOCATIONS.

- ALL ELECTRICAL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS, NEC AND ALL APPLICABLE
- FEDERAL, STATE, AND LOCAL CODES/ORDINANCES. CONDUIT ROUTINGS ARE SCHEMATIC. CONTRACTOR SHALL INSTALL CONDUITS SO THAT ACCESS TO EQUIPMENT IS NOT BLOCKED
- AND TRIP HAZARDS ARE ELIMINATED.
- WIRING. RACEWAY AND SUPPORT METHODS AND MATERIALS SHALL COMPLY WITH THE REQUIREMENTS OF THE NEC. ALL CIRCUITS SHALL BE SEGREGATED AND MAINTAIN MINIMUM CABLE SEPARATION AS REQUIRED BY THE NEC.
- 4.1. ALL EQUIPMENT SHALL BEAR THE UNDERWRITERS LABORATORIES LABEL OF APPROVAL, AND SHALL CONFORM TO REQUIREMENT OF THE NATIONAL ELECTRICAL CODE.
- ALL OVERCURRENT DEVICES SHALL HAVE AN INTERRUPTING CURRENT RATING THAT SHALL BE GREATER THAN THE SHORT CIRCUIT CURRENT TO WHICH THEY ARE SUBJECTED, 22,000 AIC MINIMUM. VERYIFY AVAILABLE SHORT CIRCUIT CURRENT DOES NOT EXCEED THE RATING OF ELECTRICAL EQUIPMENT IN ACCORDANCE WITH ARTICLE 110.24 NEC OR THE MOST CURRENT ADOPTED CODE PRE THE GOVERNING JURISDICTION.
- EACH END OF EVERY POWER PHASE CONDUCTOR, GROUNDING CONDUCTOR, AND TELCO CONDUCTOR OR CABLE SHALL BE LABELED WITH COLOR-CODED INSULATION OR ELECTRICAL TAPE (3M BRAND, 1/2" PLASTIC ELECTRICAL TAPE WITH UV PROTECTION, OR EQUAL). THE IDENTIFICATION METHOD SHALL CONFORM WITH NEC AND OSHA.
- ALL ELECTRICAL COMPONENTS SHALL BE CLEARLY LABELED WITH LAMICOID TAGS SHOWING THEIR RATED VOLTAGE, PHASE CONFIGURATION, WIRE CONFIGURATION, POWER OR AMPACITY RATING AND BRANCH CIRCUIT ID NUMBERS (i.e. PANEL BOARD AND
- PANEL BOARDS (ID NUMBERS) SHALL BE CLEARLY LABELED WITH PLASTIC LABELS.
- ALL TIE WRAPS SHALL BE CUT FLUSH WITH APPROVED CUTTING TOOL TO REMOVE SHARP EDGES. ALL POWER AND EQUIPMENT GROUND WIRING IN TUBING OR CONDUIT SHALL BE SINGLE COPPER CONDUCTOR (#14 OR LARGER)
- WITH TYPE THHW, THWN, THWN-2, XHHW, XHHW-2, THW, THW-2, RHW, OR RHW-2 INSULATION UNLESS OTHERWISE SPECIFIED. 10. SUPPLEMENTAL EQUIPMENT GROUND WIRING LOCATED INDOORS SHALL BE SINGLE COPPER CONDUCTOR (#6 OR LARGER) WITH
- TYPE THHW, THWN, THWN-2, XHHW, XHHW-2, THW, THW-2, RHW, OR RHW-2 INSULATION UNLESS OTHERWISE SPECIFIED. 11. POWER AND CONTROL WIRING IN FLEXIBLE CORD SHALL BE MULTI-CONDUCTOR, TYPE SOOW CORD (#14 OR LARGER) UNLESS OTHERWISE SPECIFIED.
- 12. POWER AND CONTROL WIRING FOR USE IN CABLE TRAY SHALL BE MULTI-CONDUCTOR, TYPE TO CABLE (#14 OR LARGER), WITH
- TYPE THHW, THWN, THWN-2, XHHW, XHHW-2, THW, THW-2, RHW, OR RHW-2 INSULATION UNLESS OTHERWISE SPECIFIED. 13. ALL POWER AND GROUNDING CONNECTIONS SHALL BE CRIMP-STYLE, COMPRESSION WIRE LUGS AND WIRE NUTS BY THOMAS AND BETTS (OR EQUAL). LUGS AND WIRE NUTS SHALL BE RATED FOR OPERATION NOT LESS THAN 75° C (90° C IF AVAILABLE).
- 14. RACEWAY AND CABLE TRAY SHALL BE LISTED OR LABELED FOR ELECTRICAL USE IN ACCORDANCE WITH NEMA, UL, ANSI/IEEE
- 15. ELECTRICAL METALLIC TUBING (EMT), INTERMEDIATE METAL CONDUIT (IMC), OR RIGID METAL CONDUIT (RMC) SHALL BE USED FOR
- 16. ELECTRICAL METALLIC TUBING (EMT) OR METAL-CLAD CABLE (MC) SHALL BE USED FOR CONCEALED INDOOR LOCATIONS. 17. UNDERGROUND CONDUIT SHALL BE SCHEDULE 40 PVC ON STRAIGHTS AND SCHEDULE 80 PVC UNDER ALL TRAFFIC EASEMENTS AND ALL ELBOWS/90s. ABOVE GRADE CONDUIT TO BE SCH 80 PVC OR IMC/RMC CONDUIT. EMT IS ALLOWED AT STUB UP LOCATIONS AND INDOORS ONLY.
- 18. LIQUID-TIGHT FLEXIBLE METALLIC CONDUIT (LIQUID-TITE FLEX) SHALL BE USED INDOORS AND OUTDOORS, WHERE VIBRATION
- OCCURS OR FLEXIBILITY IS NEEDED. 19. CONDUIT AND TUBING FITTINGS SHALL BE THREADED OR COMPRESSION-TYPE AND APPROVED FOR THE LOCATION USED. SET
- SCREW FITTINGS ARE NOT ACCEPTABLE. 20. CABINETS, BOXES AND WIRE WAYS SHALL BE LABELED FOR ELECTRICAL USE IN ACCORDANCE WITH NEMA, UL, ANSI/IEEE AND
- 21. WIREWAYS SHALL BE METAL WITH AN ENAMEL FINISH AND INCLUDE A HINGED COVER, DESIGNED TO SWING OPEN DOWNWARDS (WIREMOLD SPECMATE WIREWAY).
- 22. SLOTTED WIRING DUCT SHALL BE PVC AND INCLUDE COVER (PANDUIT TYPE E OR EQUAL).
- 23. CONDUITS SHALL BE FASTENED SECURELY IN PLACE WITH APPROVED NON-PERFORATED STRAPS AND HANGERS. EXPLOSIVE DEVICES (i.e. POWDER-ACTUATED) FOR ATTACHING HANGERS TO STRUCTURE WILL NOT BE PERMITTED. CLOSELY FOLLOW THE LINES OF THE STRUCTURE, MAINTAIN CLOSE PROXIMITY TO THE STRUCTURE AND KEEP CONDUITS IN TIGHT ENVELOPES. CHANGES IN DIRECTION TO ROUTE AROUND OBSTACLES SHALL BE MADE WITH CONDUIT OUTLET BODIES. CONDUIT SHALL BE INSTALLED IN A NEAT AND WORKMANLIKE MANNER. PARALLEL AND PERPENDICULAR TO STRUCTURE WALL AND CEILING LINES. ALL CONDUIT SHALL BE FISHED TO CLEAR OBSTRUCTIONS. ENDS OF CONDUITS SHALL BE TEMPORARILY CAPPED FLUSH TO FINISH GRADE TO PREVENT CONCRETE, PLASTER OR DIRT FROM ENTERING. CONDUITS SHALL BE RIGIDLY CLAMPED TO BOXES BY GALVANIZED MALLEABLE IRON BUSHING ON INSIDE AND GALVANIZED MALLEABLE IRON LOCKNUT ON OUTSIDE AND INSIDE.
- 24. EQUIPMENT CABINETS, TERMINAL BOXES, JUNCTION BOXES AND PULL BOXES SHALL BE GALVANIZED OR EPOXY-COATED SHEET STEEL. SHALL MEET OR EXCEED UL 50 AND BE RATED NEMA 1 (OR BETTER) FOR INTERIOR LOCATIONS AND NEMA 3R (OR BETTER) FOR EXTERIOR LOCATIONS.
- 25. METAL RECEPTACLE, SWITCH AND DEVICE BOXES SHALL BE GALVANIZED, EPOXY-COATED OR NON-CORRODING; SHALL MEET OR EXCEED UL 514A AND NEMA OS 1 AND BE RATED NEMA 1 (OR BETTER) FOR INTERIOR LOCATIONS AND WEATHER PROTECTED (WP OR BETTER) FOR EXTERIOR LOCATIONS.
- 26. NONMETALLIC RECEPTACLE, SWITCH AND DEVICE BOXES SHALL MEET OR EXCEED NEMA OS 2 (NEWEST REVISION) AND BE RATED
- NEMA 1 (OR BETTER) FOR INTERIOR LOCATIONS AND WEATHER PROTECTED (WP OR BETTER) FOR EXTERIOR LOCATIONS 27. THE CONTRACTOR SHALL NOTIFY AND OBTAIN NECESSARY AUTHORIZATION FROM THE CARRIER AND/OR CROWN CASTLE USA INC.
- BEFORE COMMENCING WORK ON THE AC POWER DISTRIBUTION PANELS. 28. THE CONTRACTOR SHALL PROVIDE NECESSARY TAGGING ON THE BREAKERS, CABLES AND DISTRIBUTION PANELS IN ACCORDANCE WITH THE APPLICABLE CODES AND STANDARDS TO SAFEGUARD LIFE AND PROPERTY.

APWA UNIFORM COLOR CODE:

YELLOW GASEOUS MATERIALS

OTABLE WATER

SLURRY LINES

SEWERS AND DRAIN LINES

PROPOSED EXCAVATION

TEMPORARY SURVEY MARKINGS

LECTRIC POWER LINES, CABLES,

CONDUIT, AND LIGHTING CABLES

GAS, OIL, STEAM, PETROLEUM, OR

COMMUNICATION, ALARM OR SIGNAL LINES, CABLES, OR CONDUIT AND TRAFFIC LOOPS

ECLAIMED WATER, IRRIGATION, AND

WHITE

30. ALL EMPTY/SPARE CONDUITS THAT ARE INSTALLED ARE TO HAVE A METERED MULE TAPE PULL CORD INSTALLED.

COND	uctor col	LOR CODE				
SYSTEM	CONDUCTOR	COLOR				
	A PHASE	BLACK				
120/240V, 1Ø	B PHASE	RED				
120/2400, 10	NEUTRAL	WHITE				
	GROUND	GREEN				
	A PHASE	BLACK				
	B PHASE	RED				
120/208V, 3Ø	C PHASE	BLUE				
	NEUTRAL	WHITE				
	GROUND	GREEN				
	A PHASE	BROWN				
	B PHASE	ORANGE OR PURPLE				
277/480V, 3Ø	C PHASE	YELLOW				
	NEUTRAL	GREY				
	GROUND	GREEN				
	POS (+)	RED**				

29. INSTALL LAMICOID LABEL ON THE METER CENTER TO SHOW "VERIZON

* SEE NEC 210.5(C)(1) AND (2) ** POLARITY MARKED AT TERMINATION

NEG(-)

ABBREVIATIONS:

- ANTENNA EXISTING FACILITY INTERFACE FRAME
- GEN GENERATOR GPS GLOBAL POSITIONING SYSTEM GLOBAL SYSTEM FOR MOBILE GSM
- LONG TERM EVOLUTION MGB MASTER GROUND BAR

MICROWAVE

NATIONAL ELECTRIC CODE PROPOSED

MW

- QTY QUANTITY RECT RECTIFIER RBS RADIO BASE STATION RET REMOTE ELECTRIC TILT
- RADIO FREQUENCY DATA SHEET RRH REMOTE RADIO HEAD RRU REMOTE RADIO UNIT

POWER PLANT

- SIAD SMART INTEGRATED DEVICE TMA TOWER MOUNTED AMPLIFIER
- TYP TYPICAL UMTS UNIVERSAL MOBILE TELECOMMUNICATIONS SYSTEM W.P. WORK POINT



VERIZON SITE NUMBER: 5000381595

BU #: **806366**

CROWN CASTLE SITE NAME HRT 107(C) 943204

73 N MAIN ST MARLBOROUGH, CT 06447

> **EXISTING 156'-3"** MONOPOLE

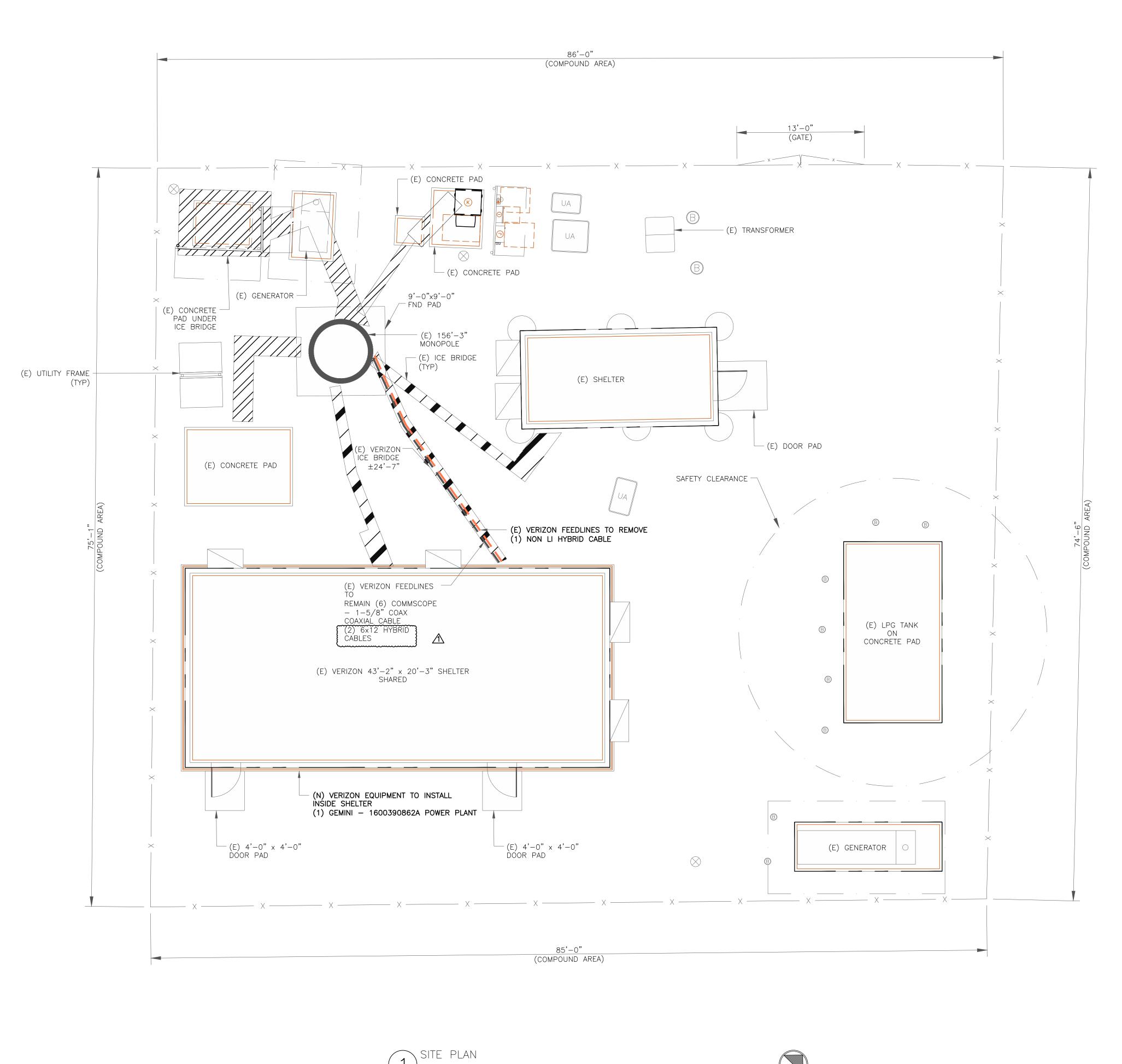
ISSUED FOR:										
REV	DATE	DRWN	DESCRIPTION	DES./Q						
0	3/28/24	AJC	FINAL	MD						
1	5/22/24	AJC	REVISION	MD						



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SHEET NUMBER

REVISION:







BU #: **806366**

CROWN CASTLE SITE NAME HRT 107(C) 943204

73 N MAIN ST MARLBOROUGH, CT 06447

> EXISTING 156'-3" MONOPOLE

	ISSUED FOR:										
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1	5/22/24	AJC	REVISION	MD							



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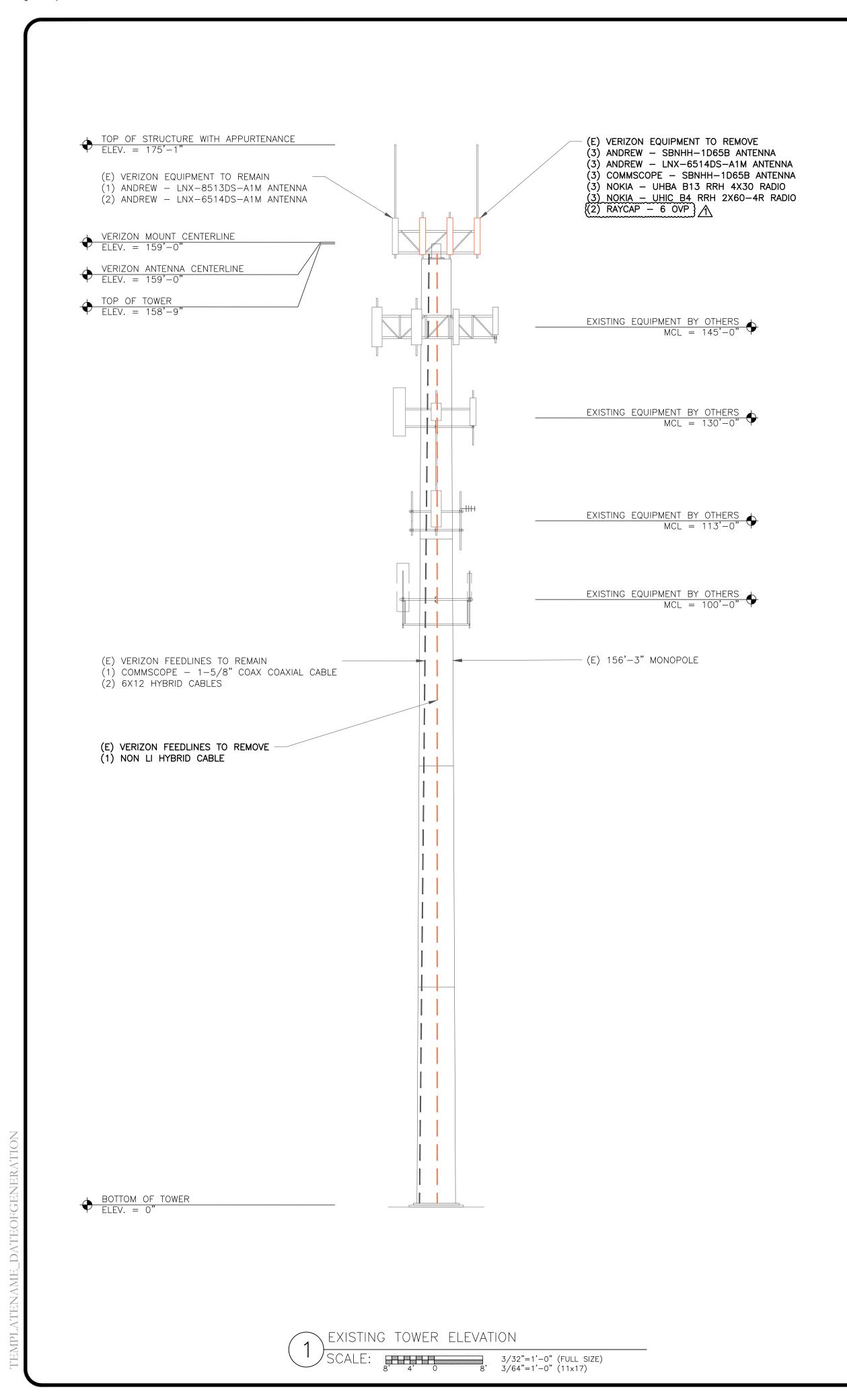
SHEET NUMBER:

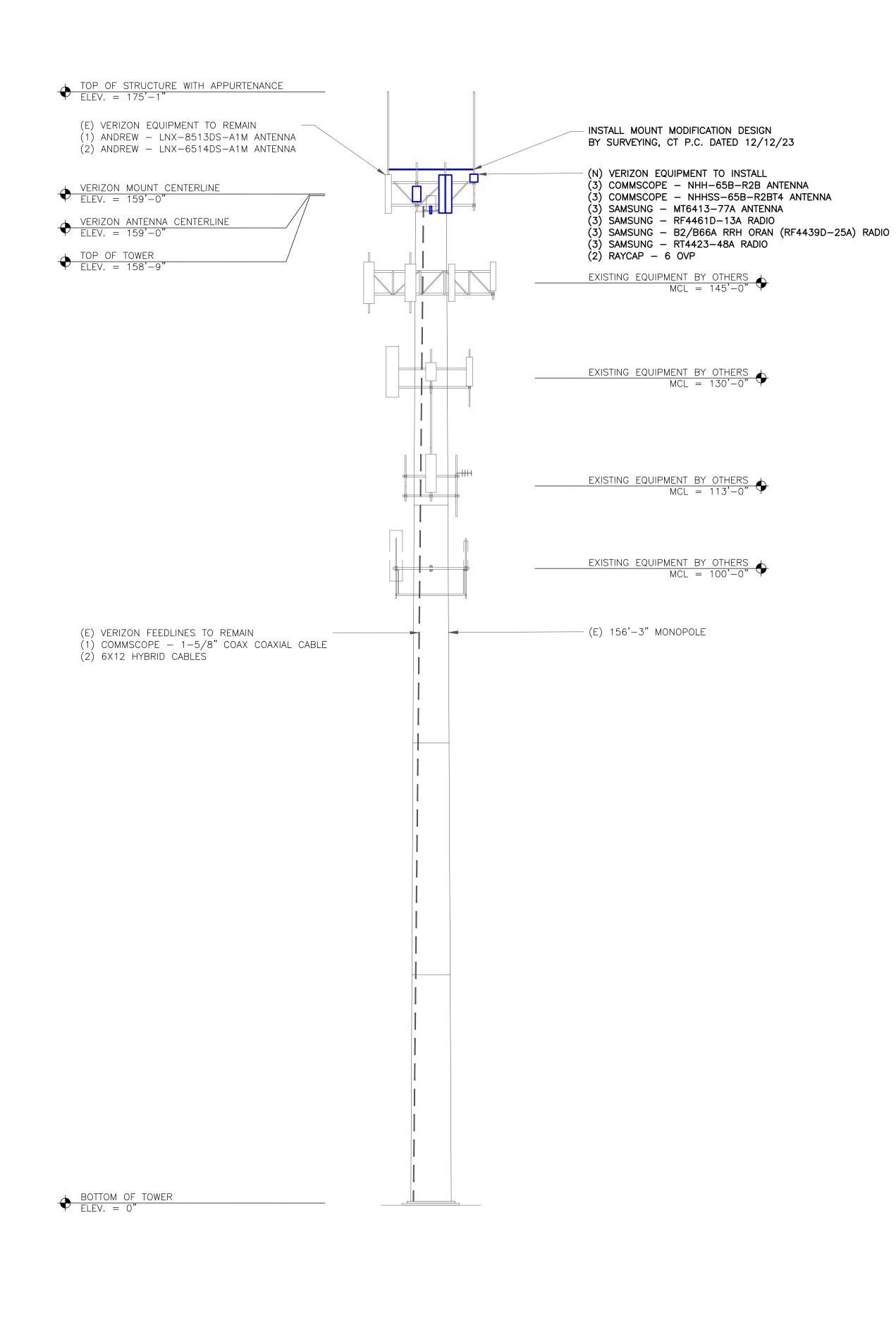
REVISION:

SITE PLAN

SCALE: 4, 2, 0 4, 3/16"=1'-0" (FULL SIZE)
3/32"=1'-0" (11x17)

1









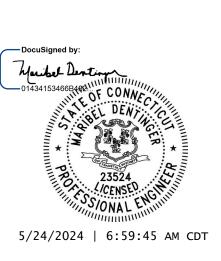
BU #: **806366**

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73 N MAIN ST MARLBOROUGH, CT 06447

> EXISTING 156'-3" MONOPOLE

	ISSUED FOR:										
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0	3/28/24	AJC	FINAL	MD							
1	5/22/24	AJC	REVISION	MD							



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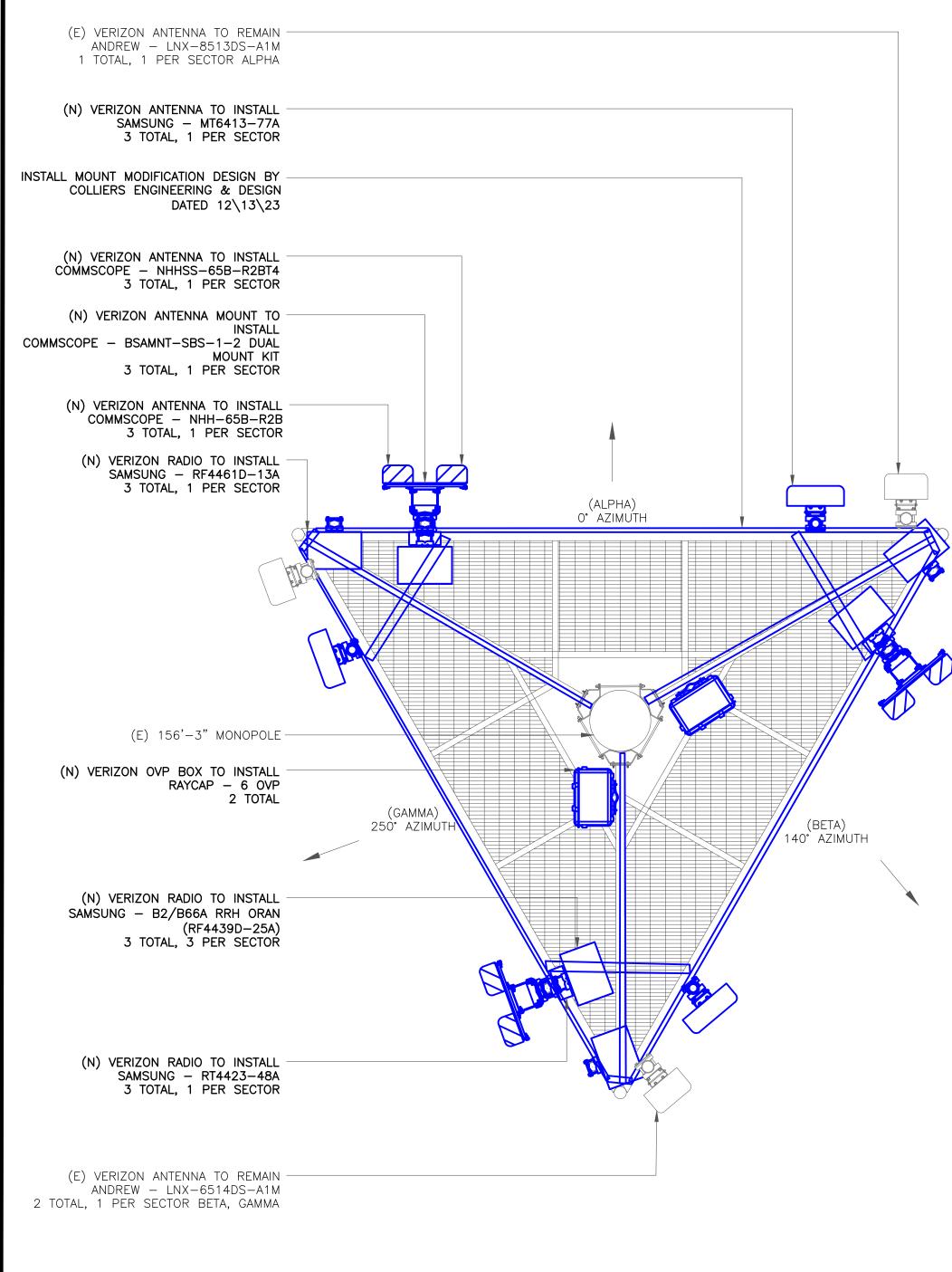
TO ALTER THIS DOCUMENT.

SHEET NUMBER:

REVISION:

FINAL TOWER ELEVATION

SCALE: 3/32"=1'-0" (FU







BU #: **806366**

CROWN CASTLE SITE NAME **HRT 107(C) 943204**

73 N MAIN ST MARLBOROUGH, CT 06447

EXISTING 156'-3"
MONOPOLE

32.00				144								
	ISSUED FOR:											
REV	DATE	DRWN	DESCRIPTION	DES./QA								
0	3/28/24	AJC	FINAL	MD								
1	5/22/24	AJC	REVISION	MD								



CROWN CASTLE USA INC.

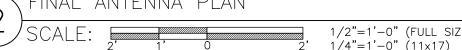
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REVISION:





FINAL EQUIPMENT SCHEDULE (VERIFY WITH CURRENT RFDS)

DOCUTION		ANTENNA				RADIO		DIPLEXER		TMA			SURGE PROTECTION		CABLES			
POSITION	TECH	STATUS/MANUFACTURER MODEL	AZIMUTH	RAD CENTER	QTY.	STATUS/MODEL	LOCATION	QTY.	STATUS	LOCATION	QTY.	STATUS	QTY.	STATUS/MODEL	QTY.	STATUS/TYPE	SIZE	LENGTH
A1	-	_	_	_	1	(N) SAMSUNG — RF4461D—13A	TOWER	-	_	_	_	_	-	_	_	_	_	_
	700 850	(N) COMMSCOPE - NHH-65B-R2B	0.	159'-0"	1	(N) SAMSUNG - RT4423-48A	TOWER											
A2	1900 AWS CBRS	(N) COMMSCOPE - NHHSS-65B-R2BT4	0•	159'-0"	1	(N) SAMSUNG — B2/B66A RRH ORAN (RF4439D—25A)	TOWER] -	_	_	_	_	_	_	_	_	_	_
A3	L-SUB6	(N) SAMSUNG - MT6413-77A	0°	159'-0"	_	_	_	-	_	-	_	_	_	_	_	_	_	_
A4	-	(E) ANDREW — LNX—8513DS—A1M	0°	159'-0"	_	_		-	-	-	-	_	1	(N) RAYCAP — 6 OVP	1	(E) HYBRID CABLE	1-1/2"	-
B1	_	_	-	-	1	(N) SAMSUNG — RF4461D—13A	TOWER	-	_	-	_	_	-	_	_	_	-	-
B2	700 850 1900 AWS	(N) COMMSCOPE - NHH-65B-R2B	140°	159'-0"	1	(N) SAMSUNG - RT4423-48A	TOWER		_		_	_	_	_	_		_	
DZ	AWS CBRS	(N) COMMSCOPE - NHHSS-65B-R2BT4	140°	159'-0"	1	(N) SAMSUNG — B2/B66A RRH ORAN (RF4439D—25A)	TOWER								_			
В3	L-SUB6	(N) SAMSUNG - MT6413-77A	140°	159'-0"	-	_	_	-	_	-	_	_	-	_	_	_	-	-
B4	-	(E) ANDREW — LNX—6514DS—A1M	140°	159'-0"	-	_	_	-	_	-	-	_	1	(N) RAYCAP — 6 OVP	1	(E) HYBRID CABLE	1-1/2"	_
G1	_	_	_	_	1	(N) SAMSUNG — RF4461D—13A	TOWER	_	_	-	_	_	_	_	_	_	ı	_
60	700 850	(N) COMMSCOPE - NHH-65B-R2B	250°	159'-0"	1	(N) SAMSUNG - RT4423-48A	TOWER											
G2	1900 AWS CBRS	(N) COMMSCOPE - NHHSS-65B-R2BT4	250°	159'-0"	1	(N) SAMSUNG — B2/B66A RRH ORAN (RF4439D—25A)	TOWER		_	_	_	_	_	_	_	_	_	_
G3	L-SUB6	(N) SAMSUNG - MT6413-77A	250°	159'-0"	_	_	_	-	-	-	-	_	-	_	-	_	-	_
G4	-	(E) ANDREW — LNX—6514DS—A1M	250°	159'-0"	-	-	-	-	-	_	-	_	-	_	_	-	-	_

UNUSED F	EEDLINES

6	COAX CABLE	1-5/8"	-
_	-	-	_

1) FINAL EQUIPMENT SCHEDULE SCALE: NOT TO SCALE



VERIZON SITE NUMBER: 5000381595

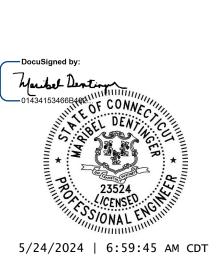
BU #: **806366**

CROWN CASTLE SITE NAME HRT 107(C) 943204

73 N MAIN ST MARLBOROUGH, CT 06447

> EXISTING 156'-3" MONOPOLE

				164								
	ISSUED FOR:											
REV	DATE	DRWN	DESCRIPTION	DES./QA								
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1	5/22/24	AJC	REVISION	MD								



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SHEET NUMBER:

REVISION:

NSTALLER NOTES:

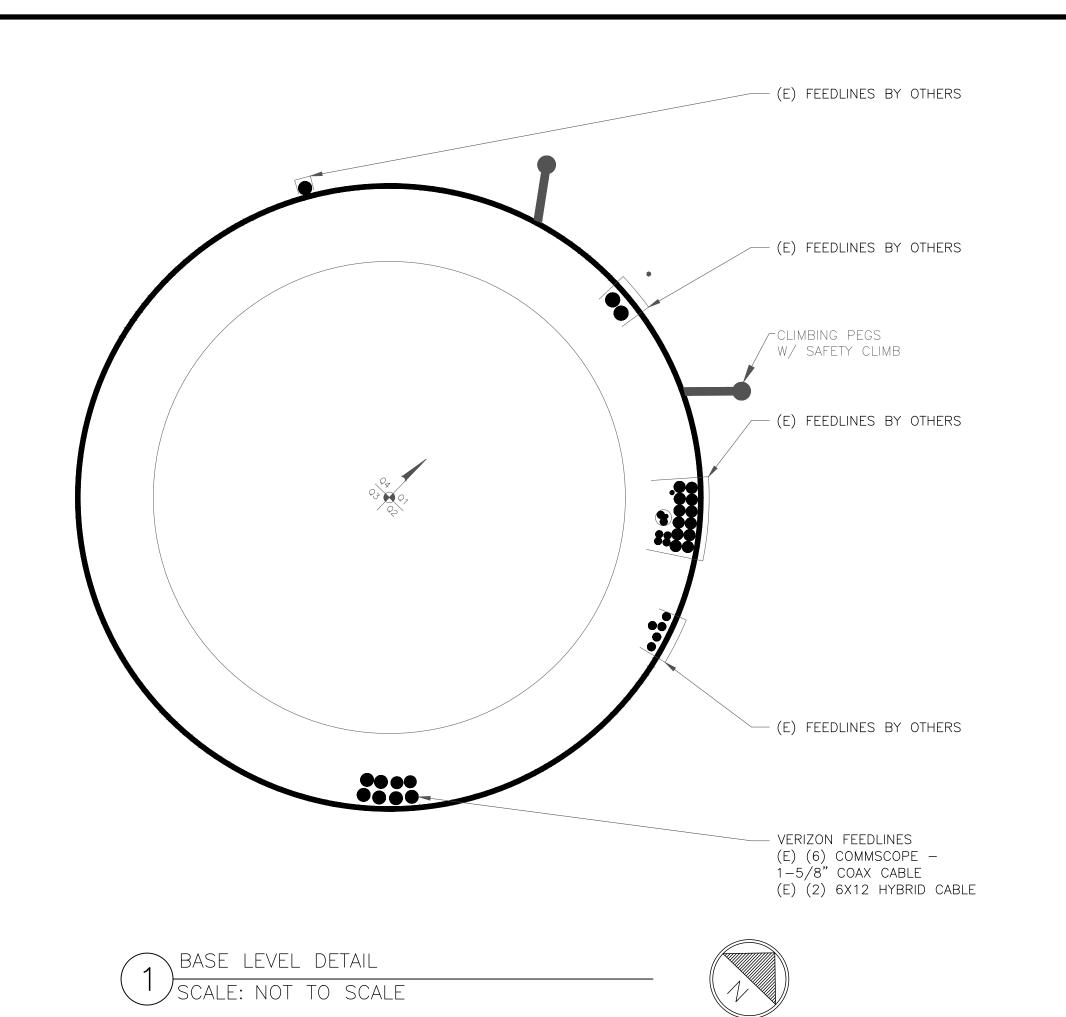
. COMPLY WITH MANUFACTURERS INSTRUCTIONS TO ENSURE THAT ALL RRUS RECEIVE ELECTRICAL POWER WITHIN 24 HOURS OF BEING REMOVED FROM THE

. ALL PIPES, BRACKETS, AND MISCELLANEOUS HARDWAR

TO BE GALVANIZED UNLESS NOTED OTHERWISE.

MANUFACTURER'S PACKAGING.
2. DO NOT OPEN RRU PACKAGES IN THE RAIN.

L. ANTENNA NOT SHOWN FOR CLARITY



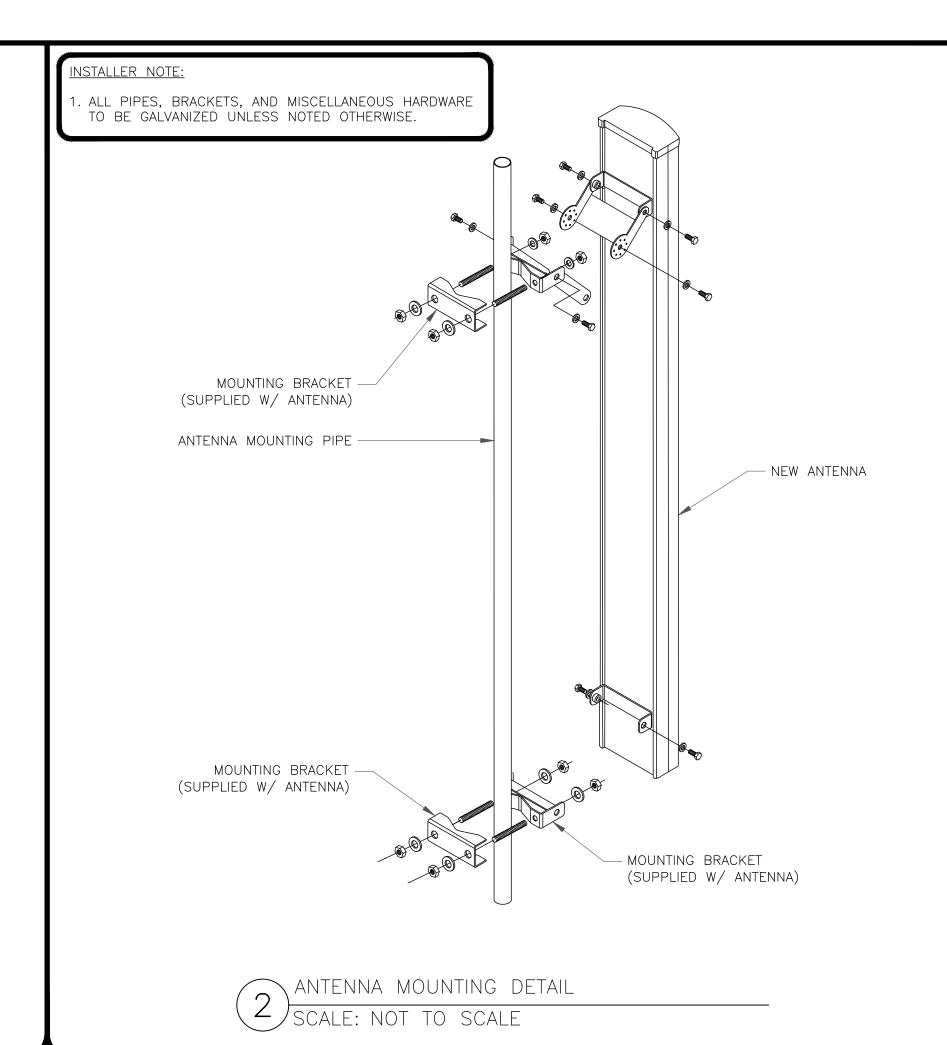
- RRU MOUNTING PLATE

- PIPE MOUNT BRACKET

ANTENNA MOUNTING PIPE

RRU MOUNTING DETAIL

SCALE: NOT TO SCALE



verizon

CROWN

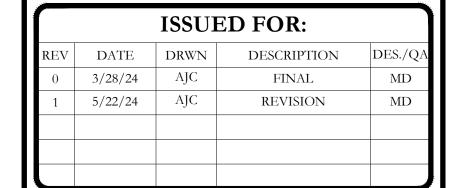
VERIZON SITE NUMBER: 5000381595

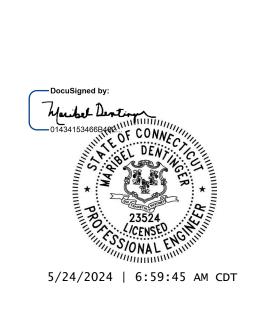
BU #: **806366**

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73 N MAIN ST MARLBOROUGH, CT 06447

> EXISTING 156'-3" MONOPOLE

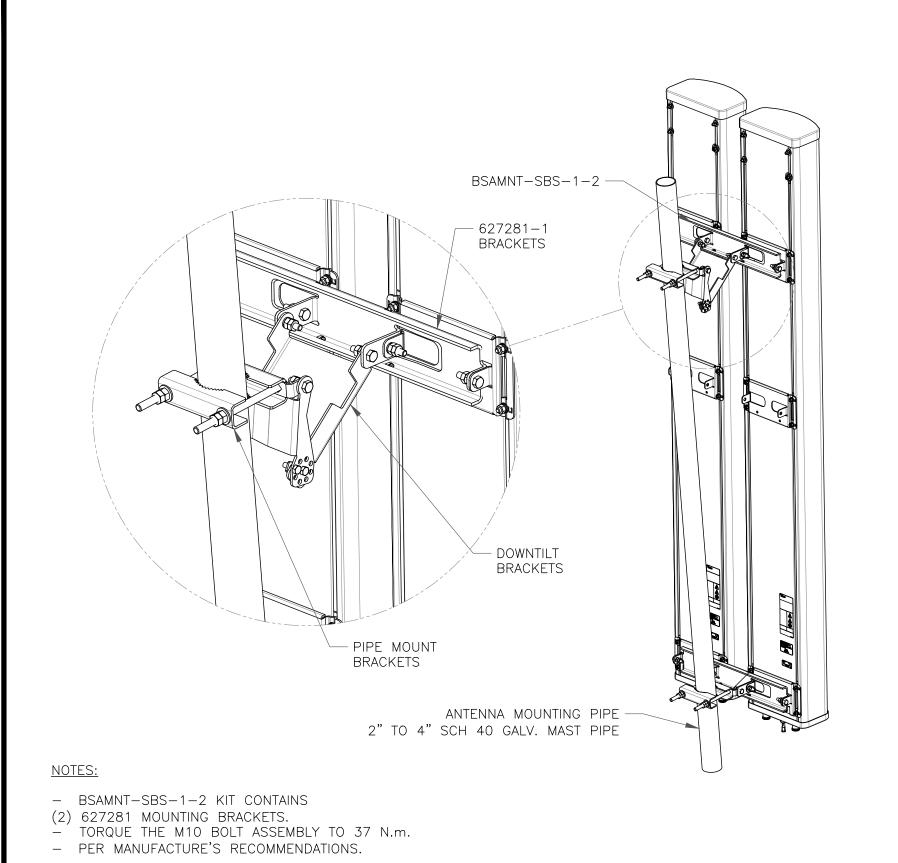




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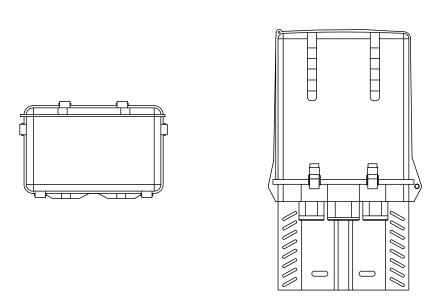
SHEET NUMBER:

R: REVISION:



COMMSCOPE - BSAMNT-SBS-1-2

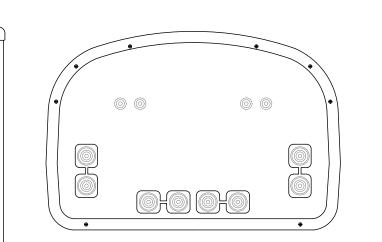
SCALE: NOT TO SCALE



RAYCAP — RRFDC-3315-PF-48
WEIGHT (WITHOUT MOUNTING HARDWARE): 21.4 LBS
SIZE (HxWxD): 25.66x15.73x10.25 IN.

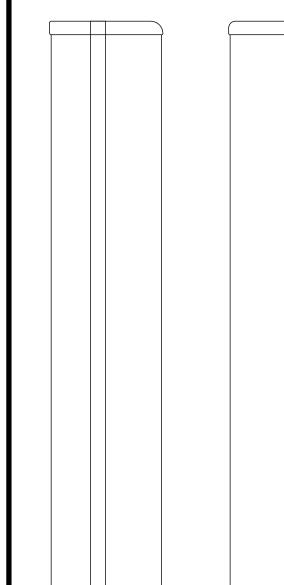
RATED WIND VELOCITY: 150 MPH (SUSTAINED)
OPERATING TEMPERATURE: -40° C TO +80° C
NOMINAL OPERATING DC VOLTAGE: 48 VDC
VOLTAGE PROTECTION RATING (VRP): 400V

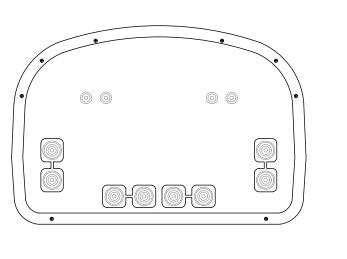
SCALE: NOT TO SCALE



ANTENNA SPECIFICATIONS					
MANUFACTURER	COMMSCOPE				
MODEL #	NHH-65B-R2B				
HEIGHT	72.00"				
WIDTH	11.90"				
DEPTH	7.10"				
WEIGHT	43.70 LBS				

1 COMMSCOPE - NHH-65B-R2B SCALE: NOT TO SCALE

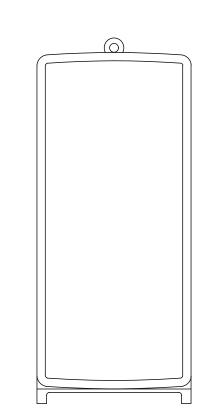


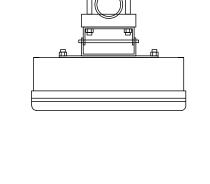


ANTENNA SPECIFICATIONS					
MANUFACTURER	COMMSCOPE				
MODEL #	NHHSS-65B-R2BT4				
HEIGHT	71.97"				
WIDTH	11.85"				
DEPTH	7.13"				
WEIGHT	64.63 LBS				

COMMSCOPE - NHHSS-65B-R2BT4

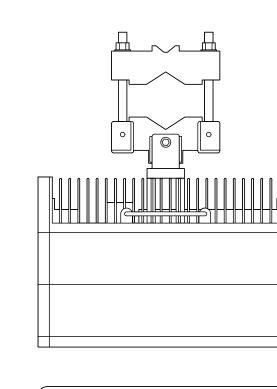
SCALE: NOT TO SCALE

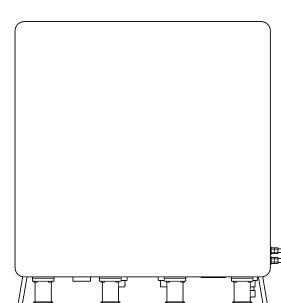




SAMSUNG — MT6413—77A WEIGHT (WITHOUT MOUNTING HARDWARE): 55.10 LBS SIZE (HxWxD): 28.9 x15.75x 5.51 IN.

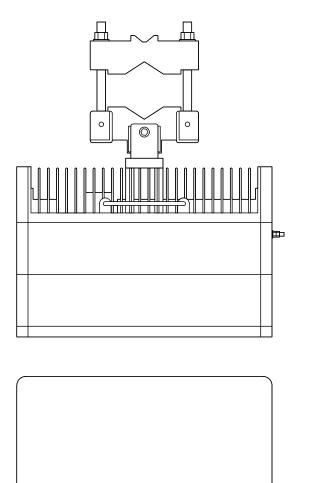
SAMSUNG - MT6413 - 77A SCALE: NOT TO SCALE





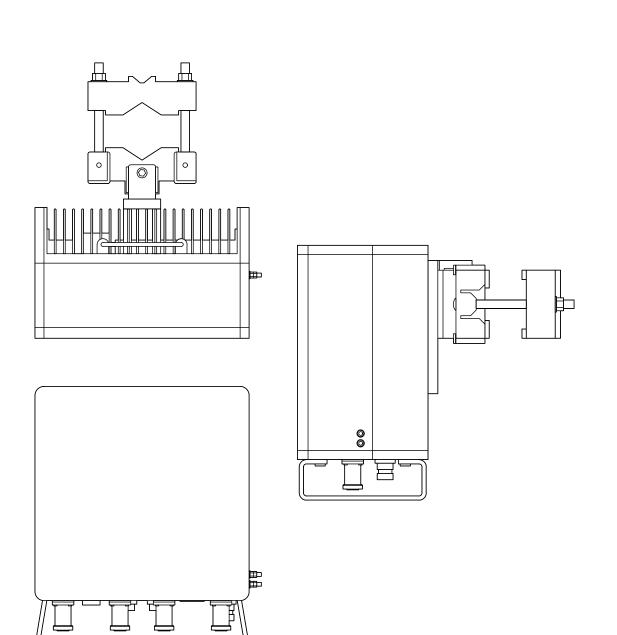
RADIO SPECS					
MANUF	ACTURER	SAMSUNG			
МО	DEL #	RF4439D-25A			
H:	×W×D	14.96" x 14.96" x 10.04"			
WE	EIGHT	74.7 LBS			

SAMSUNG - RF4439D-25A
SCALE: NOT TO SCALE



RADIO SPECS					
MANUFACTURER	SAMSUNG				
MODEL #	RF4461D-13A				
HxWxD	14.96" x 14.96" x 10.23"				
WEIGHT	79.1 LBS				

SAMSUNG - RF4461D-13A
SCALE: NOT TO SCALE



RADIO SPECS				
MANUFACTURER	SAMSUNG			
MODEL #	RT4423-48A/B			
H×W×D	11.80" x 8.70" x 3.60"			
WEIGHT	15.4 LBS			

SAMSUNG - RT4423-48A/B
SCALE: NOT TO SCALE





VERIZON SITE NUMBER: 5000381595

BU #: **806366**

CROWN CASTLE SITE NAME HRT 107(C) 943204

73 N MAIN ST MARLBOROUGH, CT 06447

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REVISION:

Azimuth (2) Beta						
Cell (850 CDMA)	Blue		10			
PCS2 (1900 LTE)	Pink	Blue	Pink			
700 LTE	Lt. Green	Blue	Lt. Green	ĺ		
850 LTE	Purple	Blue	Purple	į į		
2100 LTE	Orange	Blue	Orange	· ·		
High Band Dual Band (Shared Lines)	Orange	Pink	Blue	Pink	Orange	
Low Band Dual Band (Shared Lines)	Purple	Lt. Green	Blue	Lt. Green	Purple	
5G 28GHz	Brown	Blue	Brown			
5G 39GHz	Blue	Blue	Blue			
LAA	Gray	Blue	Gray			
CBRS	White	Blue	White			
L-Sub6 (C-Band)	Red	Blue	Red			

Azimuth (3) Gamma						
Cell (850 CDMA)	Yellow		5	i i		
PCS2 (1900 LTE)	Pink	Yellow	Pink			
700 LTE	Lt. Green	Yellow	Lt. Green			
850 LTE	Purple	Yellow	Purple			
2100 LTE	Orange	Yellow	Orange			
High Band Dual Band (Shared Lines)	Orange	Pink	Yellow	Pink	Orange	
Low Band Dual Band (Shared Lines)	Purple	Lt. Green	Yellow	Lt. Green	Purple	
5G 28GHz	Brown	Yellow	Brown			
5G 39GHz	Blue	Yellow	Blue	į į		
LAA	Gray	Yellow	Gray			
CBRS	White	Yellow	White			
L-Sub6 (C-Band)	Red	Yellow	Red			

Azimuth (4) Delta						
Cell (850 CDMA)	Orange	î î	().			
PCS2 (1900 LTE)	Pink	Orange	Pink			
700 LTE	Lt. Green	Orange	Lt. Green			
850 LTE	Purple	Orange	Purple			
2100 LTE	Orange	Orange	Orange			
High Band Dual Band (Shared Lines)	Orange	Pink	Orange	Pink	Orange	
Low Band Dual Band (Shared Lines)	Purple	Lt. Green	Orange	Lt. Green	Purple	
5G 28GHz	Brown	Orange	Brown			
5G 39GHz	Blue	Orange	Blue			
LAA	Gray	Orange	Gray			
CBRS	White	Orange	White			
L-Sub6 (C-Band)	Red	Orange	Red			

Cell (850 CDMA)	White			140	
PCS2 (1900 LTE)	Pink	White	Pink		
700 LTE	Lt. Green	White	Lt. Green		
850 LTE	Purple	White	Purple		
2100 LTE	Orange	White	Orange		
High Band Dual Band (Shared Lines)	Orange	Pink	White	Pink	Orange
Low Band Dual Band (Shared Lines)	Purple	Lt. Green	White	Lt. Green	Purple
5G 28GHz	Brown	White	Brown		
5G 39GHz	Blue	White	Blue		
LAA	Gray	White	Gray		
CBRS	White	White	White		
L-Sub6 (C-Band)	Red	White	Red		

Azimuth (6) Zeta					
Cell (850 CDMA)	Gray				
PCS2 (1900 LTE)	Pink	Gray	Pink		
700 LTE	Lt. Green	Gray	Lt. Green		
850 LTE	Purple	Gray	Purple		
2100 LTE	Orange	Gray	Orange		
High Band Dual Band (Shared Lines)	Orange	Pink	Gray	Pink	Orange
Low Band Dual Band (Shared Lines)	Purple	Lt. Green	Gray	Lt. Green	Purple
5G 28GHz	Brown	Gray	Brown	Table Samuel Car.	
5G 39GHz	Blue	Gray	Blue		1
LAA	Gray	Gray	Gray	_	
CBRS	White	Gray	White		
L-Sub6 (C-Band)	Red	Gray	Red		





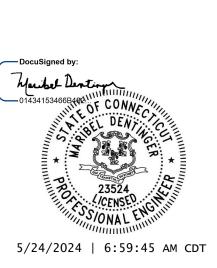
BU #: **806366**

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73 N MAIN ST MARLBOROUGH, CT 06447

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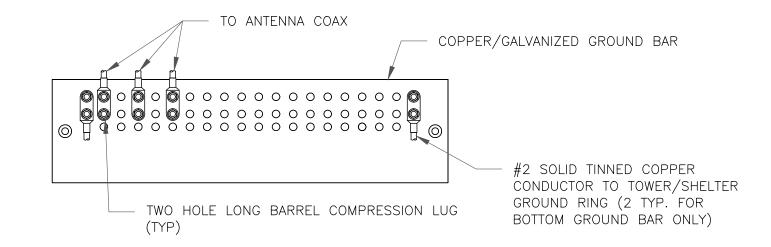
COLOR CODE MATRIX

SCALE: NOT TO SCALE

NOTES:

- I. DOUBLING UP "OR STACKING" OF CONNECTIONS IS NOT PERMITTED. 2. EXTERIOR ANTIOXIDANT JOINT COMPOUND TO BE USED ON ALL EXTERIOR CONNECTIONS. 3. GROUND BAR SHALL NOT BE ISOLATED FROM TOWER. MOUNT DIRECTLY TO ANTENNA MOUNT STEEL.

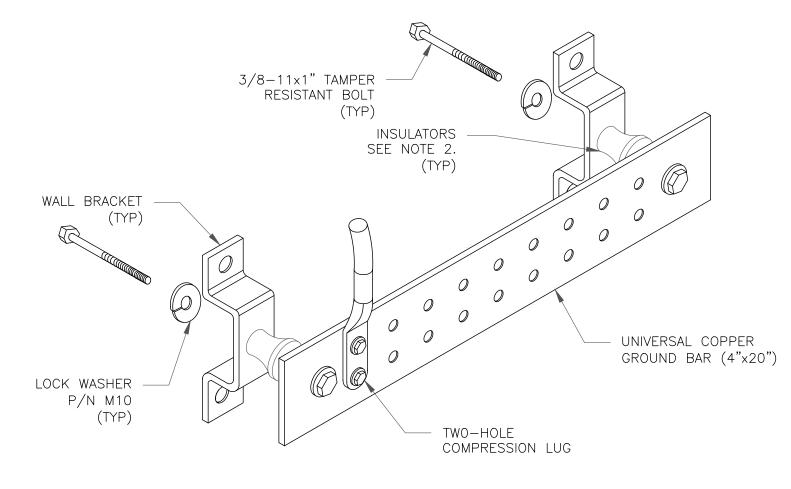
ANTENNA SECTOR GROUND BAR DETAIL
SCALE: NOT TO SCALE



NOTES:

- EXTERIOR ANTIOXIDANT JOINT COMPOUND TO BE USED ON ALL EXTERIOR CONNECTIONS.
 GROUND BAR SHALL NOT BE ISOLATED FROM TOWER. MOUNT DIRECTLY TO TOWER STEEL (TOWER ONLY).
 GROUND BAR SHALL BE ISOLATED FROM BUILDING OR SHELTER.
- TOWER/SHELTER GROUND BAR DETAIL

 SCALE: NOT TO SCALE



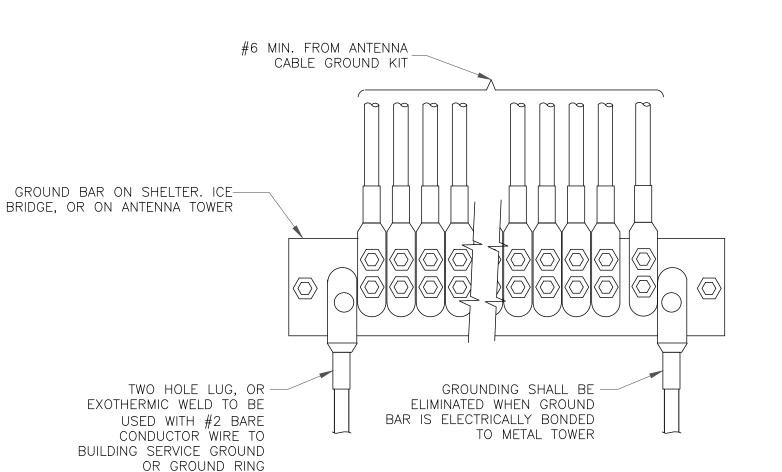
NOTES:

1. DOWN LEAD (HOME RUN) CONDUCTORS ARE <u>NOT</u> TO BE INSTALLED ON CROWN CASTLE USA INC. TOWER, PER THE GROUNDING DOWN CONDUCTOR POLICY QAS—STD—10091. NO MODIFICATION OR DRILLING TO TOWER STEEL IS ALLOWED IN ANY FORM OR FASHION, CAD—WELDING ON THE TOWER AND/OR IN THE AIR ARE NOT PERMITTED.

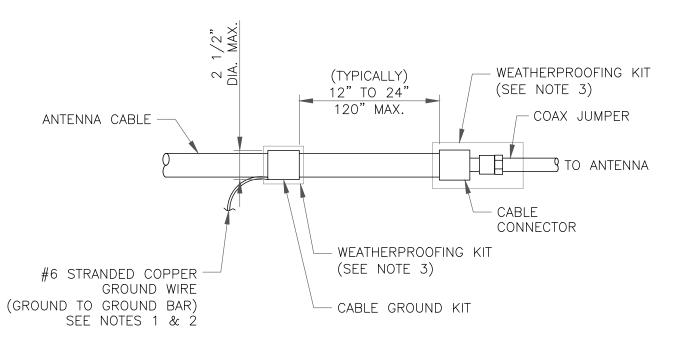
2. OMIT INSULATOR WHEN MOUNTING TO TOWER STEEL OR PLATFORM STEEL USE INSULATORS WHEN ATTACHING TO BUILDING OR SHELTERS.

5 GROUND BAR DETAIL

SCALE: NOT TO SCALE



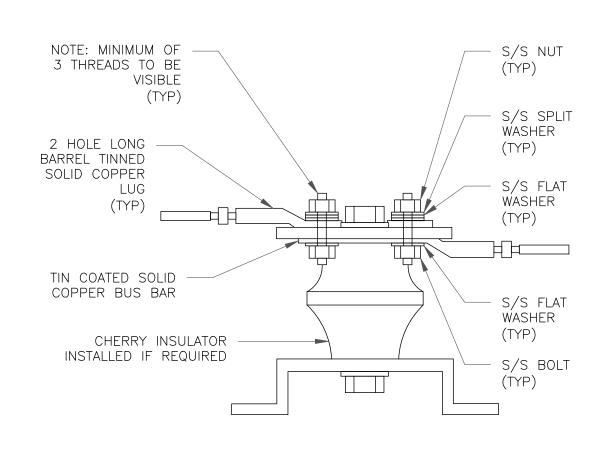
GROUNDWIRE INSTALLATION SCALE: NOT TO SCALE



<u>NOTI</u>

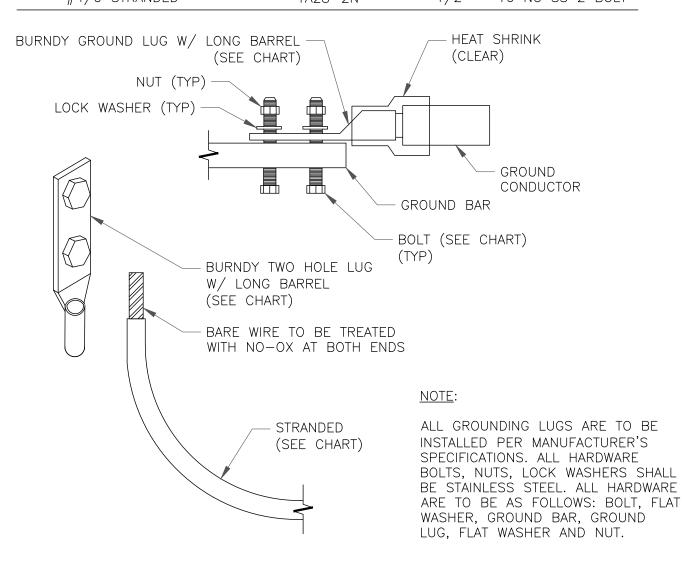
- 1. DO NOT INSTALL CABLE GROUND KIT AT A BEND AND ALWAYS DIRECT GROUND WIRE DOWN TO GROUND BAR.
- 2. GROUNDING KIT SHALL BE TYPE AND PART NUMBER AS SUPPLIED OR RECOMMENDED BY CABLE MANUFACTURER.
- 3. WEATHER PROOFING SHALL BE TWO-PART TAPE KIT, COLD SHRINK SHALL NOT BE USED.

6 CABLE GROUND KIT CONNECTION SCALE: NOT TO SCALE

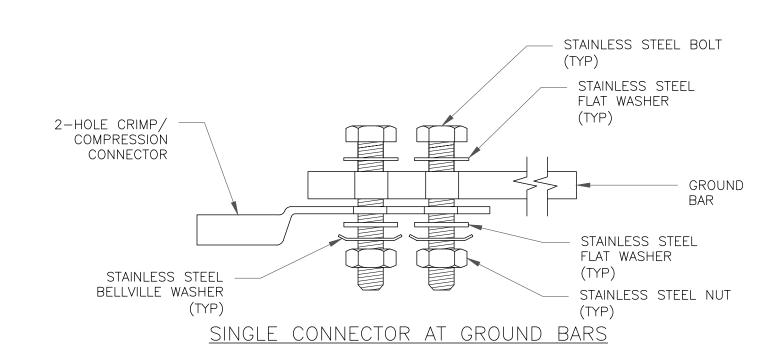


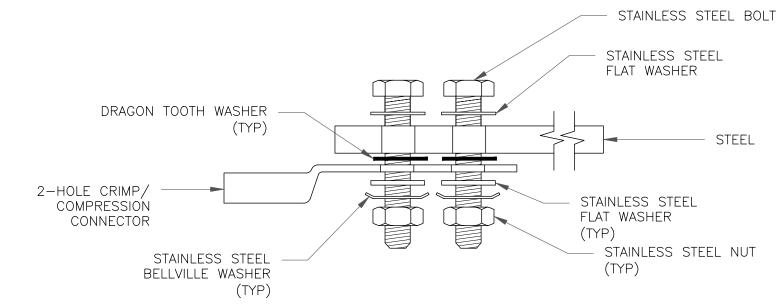
T SCALE: NOT TO SCALE

WIRE SIZE BURNDY LUG BOLT SIZE #6 GREEN INSULATED YA6C-2TC38 3/8" - 16 NC SS 2 BOLT 3/8" - 16 NC SS 2 BOLT #2 SOLID TINNED YA3C-2TC38 3/8" - 16 NC SS 2 BOLT #2 STRANDED YA2C-2TC38 3/8" - 16 NC SS 2 BOLT #2/0 STRANDED YA26-2TC38 #4/0 STRANDED 1/2" - 16 NC SS 2 BOLT YA28-2N

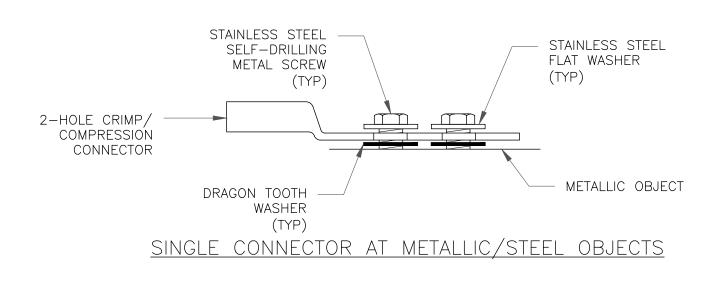


MECHANICAL LUG CONNECTION
SCALE: NOT TO SCALE





SINGLE CONNECTOR AT STEEL OBJECTS



8 HARDWARE DETAIL FOR EXTERIOR CONNECTIONS SCALE: NOT TO SCALE

verizon

CROWN

VERIZON SITE NUMBER: **5000381595**

BU #: **806366**

CROWN CASTLE SITE NAME HRT 107(C) 943204

73 N MAIN ST MARLBOROUGH, CT 06447

> EXISTING 156'-3" MONOPOLE

ISSUED FOR:									
REV	DATE	DRWN	DESCRIPTION	DES./QA					
0	3/28/24	AJC	FINAL	MD					
1	5/22/24	AJC	REVISION	MD					



CROWN CASTLE USA INC.

CERTIFICATE OF REGISTRATION #PEC.00011

IT IS A VIOLATION OF LAW FOR ANY PERSON,

UNLESS THEY ARE ACTING UNDER THE DIRECTION

OF A LICENSED PROFESSIONAL ENGINEER,

TO ALTER THIS DOCUMENT.

SHEET NUMBER:

REVISION:

EXHIBIT E

Structural Analysis Report

Date: February 16, 2024



Tower Engineering Professionals 326 Tryon Road Raleigh, NC 27603 (919) 661-6351

Subject: **Structural Analysis Report**

Verizon Wireless Co-Locate Carrier Designation:

> Site Number: 5000381595 Site Name: Marlborough CT

Crown Castle Designation: **BU Number:** 806366

> Site Name: HRT 107(C) 943204

JDE Job Number: 2107956 **Work Order Number:** 2283537 **Order Number:** 662908 Rev. 0

Engineering Firm Designation: **TEP Project Number:** 217470.929872

Site Data: 73 North Main Street, Marlborough, Hartford County, CT 06447

Latitude 41°37' 47.30", Longitude -72°27' 59.40"

155.5 Foot - Monopole Tower

Tower Engineering Professionals is pleased to submit this "Structural Analysis Report" to determine the structural integrity of the above-mentioned tower.

The purpose of the analysis is to determine acceptability of the tower stress level. Based on our analysis we have determined the tower stress level for the structure and foundation, under the following load case, to be:

LC5: Proposed Equipment Configuration

Sufficient Capacity – 51.8%

This analysis utilizes an ultimate 3-second gust wind speed of 130 mph as required by the 2022 Connecticut State Building Code. Applicable Standard references and design criteria are listed in Section 2 – Analysis Criteria.

Structural analysis prepared by: RPD / CS

Respectfully submitted by:

Aaron T. Rucker, P.E.

THESSIONAL THE

02/16/2024

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tnxTower Output

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1) INTRODUCTION

This tower is a 155.5-ft monopole tower designed by FWT Inc.

2) ANALYSIS CRITERIA

TIA-222 Revision: TIA-222-H

Risk Category:

Wind Speed: 130 mph

Exposure Category:BTopographic Factor:1.0Ice Thickness:1.0 inWind Speed with Ice:50 mphService Wind Speed:60 mph

Table 1 - Proposed Equipment Configuration

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Numb er of Feed Lines	Feed Line Size (in)
		1	Commscope	LNX-8513DS-VTM w/ Mount Pipe		
		3	Commscope	NHHSS-65B-R2BT4 w/ Mount Pipe		
		3	Commscope	NHH-65B-R2B w/ Mount Pipe		
		3	Samsung Telecom.	MT6413-77A w/ Mount Pipe	_	
159.0	159.0	2	Commscope	LNX-6514DS-A1M w/ Mount Pipe	6 2	1-5/8 1-1/2
		2	Raycap	RRFDC-3315-PF-48		
		3	Samsung Telecom.	RT4423-48A/B		
		3	Samsung Telecom.	RF4439D-25A		
		3	Samsung Telecom.	RF4461D-13A		
		1	Tower Mounts	Platform Mount [LP 603-1_KCKR]		

Table 2 - Other Considered Equipment

Mounting	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Numb er of Feed Lines	Feed Line Size (in)
159.0	169.0	3	Decibel	DB809K-Y	-	-
	146.0	3	Powerwave Technologies	7770.00 w/ Mount Pipe		
	140.0	6	Powerwave Technologies	LGP 17201		
		3	of Intennas Antenna Manufacturer Antenna Monufacturer 3 Decibel DB809K- 3 Powerwave Technologies 7770.00 w/ Monumary 6 Powerwave Technologies LGP 1720 3 Cci Antennas HPA65R-BU6A w/ 3 Cci Antennas OPA65R-BU6D w/ 3 Kathrein 80010965 w/ Monumary 3 Raycap DC6-48-60-1 3 Ericsson RRUS 4478 3 Ericsson RRUS 8843 B2 3 Ericsson RRUS 32 B 3 Ericsson RRUS 32 B 1 Tower Mounts Platform Mount [160 Monumary Monuma	HPA65R-BU6A w/ Mount Pipe		
		3	Cci Antennas	OPA65R-BU6D w/ Mount Pipe	12	1-1/4
145.0		3	Kathrein	80010965 w/ Mount Pipe	6	3/4
		3	Raycap	DC6-48-60-18-8F	2	3/8
	145.0	3	Ericsson	RRUS 4478 B14		
		3	Ericsson	RRUS 8843 B2/B66A		
		3	Ericsson	RRUS 4449 B5/B12		
		3	Ericsson	RRUS 32 B30		
		1	Tower Mounts	Platform Mount [16' LP 603-1]		
		3	RFS Celwave	APXVAALL24_43-U-NA20_TMO w/ Mount Pipe		
		3	Commscope	VV-65A-R1_TMO w/ Mount Pipe		
130.0	131.0	3	Ericsson	AIR 6419 B41_TMO_CCIV2 w/ Mount Pipe	2	1-5/8
159.0		3	Ericsson	RADIO 4460 B2/B25 B66_TMO		
		3	Ericsson	Radio 4480_TMOV2		
130.0	130.0	1	Tower Mounts	Commscope MC-PK10-C Platform		
	125.0	1	Kreco	CO-41A		
	120.0	1	Andrew	DB404-B w/ Mount Pipe		
		3	JMA Wireless	MX08FRO665-21 w/ Mount Pipe		
		1	Telewave	ANT 150Y7-WR	_	7/0
113.0	115.0	3	Fujitsu	TA08025-B604	5 1	7/8 1-1/2
		3	Fujitsu	TA08025-B605	'	11/2
		1	Raycap	RDIDC-9181-PF-48		
	112.0	1	Kreco	CO-41A		
	113.0	1	Tower Mounts	Commscope MC-PK8-DSH		

3) ANALYSIS PROCEDURE

Table 3 - Documents Provided

Document	Reference	Source
Geotechnical Report	2208816	CCISites
Tower Foundation Drawings	823125	CCISites
Tower Manufacturer Drawings	823126	CCISites

3.1) Analysis Method

tnxTower (version 8.2.2.0), a commercially available analysis software package, was used to create a three-dimensional model of the tower and calculate member stresses for various loading cases. Selected output from the analysis is included in Appendix A. When applicable, Crown Castle has calculated and provided the effective area for panel antennas using approved methods following the intent of the TIA-222 Standard.

3.2) Assumptions

- 1) The tower and structures were maintained in accordance with the TIA-222 Standard.
- 2) The configuration of antennas, transmission cables, mounts and other appurtenances are as specified in Tables 1 and 2, and the referenced drawings.

This analysis may be affected if any assumptions are not valid or have been made in error. Tower Engineering Professionals should be notified to determine the effect on the structural integrity of the tower.

4) ANALYSIS RESULTS

Table 4 - Section Capacity (Summary)

		paony (Camini	17			m	_	
Section No.	Elevation (ft)	Component Type	Size	Critical Element	P (k)	ΦP _{allow} (k)	% Capacity	Pass / Fail
L1	155.5 - 110	Pole	TP64.606x58.6x0.375	1	-25.82	4083.22	13.4	Pass
L2	110 - 72.5	Pole	TP68.805x62.8x0.4375	2	-46.53	5456.99	26.1	Pass
L3	72.5 - 36	Pole	TP72.748x66.8082x0.5	3	-67.47	6956.40	34.4	Pass
L4	36 - 0	Pole	TP76.5x70.56x0.5	4	-95.34	7106.06	51.8	Pass
							Summary	
						Pole (L4)	51.8	Pass
						RATING =	51.8	Pass

Table 5 - Tower Component Stresses vs. Capacity - LC5

Notes	Component	Elevation (ft)	% Capacity	Pass / Fail
1,2	Anchor Rods	-	49.6	Pass
1,2	Base Plate	-	23.0	Pass
1,2	Base Foundation Structural	-	29.5	Pass
1,2	Base Foundation Soil Interaction	-	32.2	Pass

Structure Rating (max from all components) =	51.8%
--	-------

Notes:

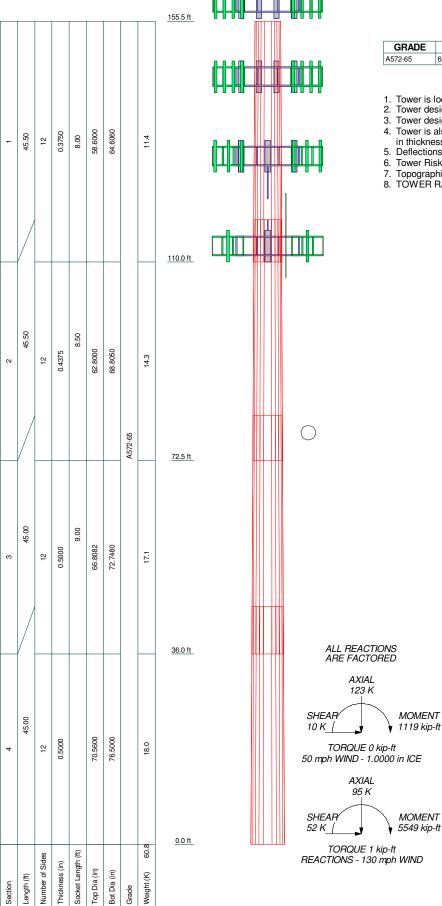
1) See additional documentation in "Appendix C - Additional Calculations" for calculations supporting the % capacity listed.

2) Rating per TIA-222-H Section 15.5

4.1) Recommendations

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

APPENDIX A TNXTOWER OUTPUT



MATERIAL STRENGTH

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

TOWER DESIGN NOTES

- 1. Tower is located in Hartford County, Connecticut.
- Tower designed for Exposure B to the TIA-222-H Standard.
- Tower designed for a 130 mph basic wind in accordance with the TIA-222-H Standard.
- Tower is also designed for a 50 mph basic wind with 1.00 in ice. Ice is considered to increase in thickness with height.
- 5. Deflections are based upon a 60 mph wind.
- 6. Tower Risk Category II.
- 7. Topographic Category 1 with Crest Height of 0.00 ft8. TOWER RATING: 51.8%



Scale: NTS

Dwg No. E-1

Page Job *tnxTower* 1 of 19 HRT 107 (C) 943204 (BU 806366) **Project** Date Tower Engineering TEP No. 217470.929872 11:48:16 02/16/24 **Professionals** 326 Tryon Road Raleigh, NC 27603 Client Designed by Phone: (919) 661-6351 Crown Castle cdcrook FAX: (919) 661-6350

Tower Input Data

The tower is a monopole.

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

The following design criteria apply:

Tower is located in Hartford County, Connecticut.

Tower base elevation above sea level: 578.00 ft.

Basic wind speed of 130 mph.

Risk Category II.

Exposure Category B.

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

Topographic Category: 1. Crest Height: 0.00 ft.

Nominal ice thickness of 1.0000 in.

Ice thickness is considered to increase with height.

Ice density of 56 pcf.

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

Temperature drop of 50 °F.

Deflections calculated using a wind speed of 60 mph.

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

Pressures are calculated at each section.

Stress ratio used in pole design is 1.

Tower analysis based on target reliabilities in accordance with Annex S.

Load Modification Factors used: $K_{es}(F_w) = 0.95$, $K_{es}(t_i) = 0.85$.

Maximum demand-capacity ratio is: 1.05.

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

Options

Consider Moments - Legs Consider Moments - Horizontals Consider Moments - Diagonals Use Moment Magnification

- √ Use Code Stress Ratios
- √ Use Code Safety Factors Guys Escalate Ice

Escalate Ice
Always Use Max Kz
Use Special Wind Profile
Include Bolts In Member Capacity
Leg Bolts Are At Top Of Section
Secondary Horizontal Braces Leg
Use Diamond Inner Bracing (4 Sided)
SR Members Have Cut Ends
SR Members Are Concentric
Distribute Leg Loads As Uniform

- Assume Legs Pinned
- √ Assume Rigid Index Plate
- √ Use Clear Spans For Wind Area
 Use Clear Spans For KL/r
 Retension Guys To Initial Tension
- √ Bypass Mast Stability Checks
- √ Use Azimuth Dish Coefficients
- √ Project Wind Area of Appurtenances
- √ Alternative Appurt. EPA Calculation Autocalc Torque Arm Areas Add IBC .6D+W Combination
- √ Sort Capacity Reports By Component Triangulate Diamond Inner Bracing Treat Feed Line Bundles As Cylinder Ignore KL/ry For 60 Deg. Angle Legs Use ASCE 10 X-Brace Ly Rules

Calculate Redundant Bracing Forces Ignore Redundant Members in FEA SR Leg Bolts Resist Compression All Leg Panels Have Same Allowable Offset Girt At Foundation

 ✓ Consider Feed Line Torque Include Angle Block Shear Check Use TIA-222-H Bracing Resist. Exemption Use TIA-222-H Tension Splice Exemption Poles

✓ Include Shear-Torsion Interaction
 Always Use Sub-Critical Flow
 Use Top Mounted Sockets
 Pole Without Linear Attachments
 Pole With Shroud Or No Appurtenances
 Outside and Inside Corner Radii Are Known

Tapered Pole Section Geometry

tnxTower

Tower Engineering Professionals

326 Tryon Road Raleigh, NC 27603 Phone: (919) 661-6351 FAX: (919) 661-6350

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Section	Elevation	Section Length	Splice Length	Number of	Top Diameter	Bottom Diameter	Wall Thickness	Bend Radius	Pole Grade
	ft	ft	ft	Sides	in	in	in	in	
L1	155.50-110.00	45.50	8.00	12	58.6000	64.6060	0.3750	1.5000	A572-65
L2	110.00-72.50	45.50	8.50	12	62.8000	68.8050	0.4375	1.7500	(65 ksi) A572-65
	110.00 / 2.00	10.00	0.00		02.0000	00.000	01.1070	11,000	(65 ksi)
L3	72.50-36.00	45.00	9.00	12	66.8082	72.7480	0.5000	2.0000	A572-65 (65 ksi)
L4	36.00-0.00	45.00		12	70.5600	76.5000	0.5000	2.0000	A572-65
									(65 ksi)

Tapered Pole Properties

Section	Tip Dia.	Area	I	r	С	I/C	J	It/Q	w	w/t
	in	in^2	in ⁴	in	in	in^3	in ⁴	in^2	in	
L1	60.5349	70.3067	30422.9680	20.8446	30.3548	1002.2457	61645.1813	34.6028	14.6998	39.199
	66.7528	77.5589	40842.0131	22.9947	33.4659	1220.4065	82756.9913	38.1721	16.3094	43.492
L2	65.9541	87.8532	43610.4361	22.3258	32.5304	1340.6056	88366.5670	43.2387	15.6579	35.789
	71.0778	96.3127	57460.4440	24.4756	35.6410	1612.2011	116430.437	47.4022	17.2672	39.468
							8			
L3	70.1501	106.7562	59911.9263	23.7383	34.6066	1731.2263	121397.805	52.5421	16.5646	33.129
							6			
	75.1379	116.3193	77497.7893	25.8648	37.6835	2056.5463	157031.531	57.2488	18.1565	36.313
							8			
L4	74.1026	112.7967	70668.0195	25.0815	36.5501	1933.4563	143192.566	55.5151	17.5701	35.14
							5			
	79.0222	122.3600	90209.5680	27.2080	39.6270	2276.4673	182789.041	60.2219	19.1620	38.324
							8			

Tower	Gusset	Gusset	Gusset Grade Adjust. F	actor Adjust.	Weight Mult.	Double Angle	Double Angle	Double Angle
Elevation	Area	Thickness	A_f	Factor		Stitch Bolt	Stitch Bolt	Stitch Bolt
	(per face)			A_r		Spacing	Spacing	Spacing
						Diagonals	Horizontals	Redundants
ft	ft ²	in				in	in	in
L1			1	1	1			
155.50-110.00								
L2			1	1	1			
110.00-72.50								
L3 72.50-36.00			1	1	1			
L4 36.00-0.00			1	1	1			

Feed Line/Linear Appurtenances - Entered As Round Or Flat

Description	Sector	Exclude From	Component Type	Placement	Total Number	Number Per Row		Width or Diameter	Perimeter	Weight
		Torque Calculation	24	ft				in	in	plf
Safety Line 3/8	A	No	Surface Ar (CaAa)	155.50 - 8.00	1	1	0.500 0.500	0.3750		0.22
**										
130 CU12PSM9P6XXX(1-1/ 2)	A	No	Surface Ar (CaAa)	113.00 - 0.00	1	1	0.000 0.000	1.6000		2.35

tnxTower

Tower Engineering Professionals

326 Tryon Road Raleigh, NC 27603 Phone: (919) 661-6351 FAX: (919) 661-6350

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Client	Crown Castle	Designed by cdcrook

Description	Sector	Exclude	Component	Placement	Total	Number	Start/End	Width or	Perimeter	Weight
		From	Type		Number	Per Row	Position	Diameter		
		Torque		ft				in	in	plf
		Calculation								

Feed Line/Linear Appurtenances - Entered As Area

Description	Face or Leg	Allow Shield	Exclude From Torque	Component Type	Placement ft	Total Number		$C_A A_A$ ft^2/ft	Weight plf
1. 1. 1. 4. 5 O. 1. 1. 1.			Calculation						
159		N.T.	NT.	T '1 D 1	155.50 0.00		NT T	0.00	0.70
AVA7-50(1-5/8)	C	No	No	Inside Pole	155.50 - 0.00	6	No Ice	0.00	0.70
							1/2" Ice	0.00	0.70
							1" Ice	0.00	0.70
HFT1206-24SV2-X	C	No	No	Inside Pole	155.50 - 0.00	2	No Ice	0.00	1.89
XX(1-1/2)							1/2" Ice	0.00	1.89
							1" Ice	0.00	1.89
**									
145									
LDF6-50A(1-1/4)	В	No	No	Inside Pole	145.00 - 0.00	12	No Ice	0.00	0.60
							1/2" Ice	0.00	0.60
							1" Ice	0.00	0.60
FB-L98B-002-75000	В	No	No	Inside Pole	145.00 - 0.00	1	No Ice	0.00	0.06
(3/8)							1/2" Ice	0.00	0.06
()							1" Ice	0.00	0.06
WR-VG86ST-BRD(В	No	No	Inside Pole	145.00 - 0.00	4	No Ice	0.00	0.58
3/4)	_	1.0	110	1115146 1 016	1.0.00 0.00	•	1/2" Ice	0.00	0.58
317)							1" Ice	0.00	0.58
WR-VG86ST-BRD(В	No	No	Inside Pole	145.00 - 0.00	2	No Ice	0.00	0.58
3/4)	ь	110	140	mside i oic	145.00 - 0.00	2	1/2" Ice	0.00	0.58
3/4)							1" Ice	0.00	0.58
2" Flexible Conduit	В	No	No	Inside Pole	145.00 - 0.00	1	No Ice	0.00	0.34
2 Flexible Collduit	Ь	NO	NO	mside Pole	143.00 - 0.00	1			
							1/2" Ice	0.00	0.34
	_				44500 000	_	1" Ice	0.00	0.34
FB-L98B-034-XXX(В	No	No	Inside Pole	145.00 - 0.00	1	No Ice	0.00	0.06
3/8)							1/2" Ice	0.00	0.06
							1" Ice	0.00	0.06
135									
*									
*									
HB158-21U6S24-xx	C	No	No	Inside Pole	130.00 - 0.00	2	No Ice	0.00	2.50
M_TMO(1-5/8)							1/2" Ice	0.00	2.50
							1" Ice	0.00	2.50
113									
LDF5-50A(7/8)	C	No	No	Inside Pole	113.00 - 0.00	1	No Ice	0.00	0.33
							1/2" Ice	0.00	0.33
							1" Ice	0.00	0.33
LDF5-50A(7/8)	C	No	No	Inside Pole	113.00 - 0.00	4	No Ice	0.00	0.33
()	-						1/2" Ice	0.00	0.33
							1" Ice	0.00	0.33
100							1 100	0.00	0.55

tnxTower

Tower Engineering Professionals 326 Tryon Road

326 Tryon Road Raleigh, NC 27603 Phone: (919) 661-6351 FAX: (919) 661-6350

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Feed Line/Linear Appurtenances Section Areas

Tower	Tower	Face	A_R	A_F	$C_A A_A$	$C_A A_A$	Weight
Section	Elevation				In Face	Out Face	
	ft		ft^2	ft ²	ft ²	ft ²	K
L1	155.50-110.00	A	0.000	0.000	2.186	0.000	0.02
		В	0.000	0.000	0.000	0.000	0.39
		C	0.000	0.000	0.000	0.000	0.47
L2	110.00-72.50	A	0.000	0.000	7.406	0.000	0.10
		В	0.000	0.000	0.000	0.000	0.42
		C	0.000	0.000	0.000	0.000	0.55
L3	72.50-36.00	A	0.000	0.000	7.209	0.000	0.09
		В	0.000	0.000	0.000	0.000	0.41
		C	0.000	0.000	0.000	0.000	0.53
L4	36.00-0.00	A	0.000	0.000	6.810	0.000	0.09
		В	0.000	0.000	0.000	0.000	0.40
		C	0.000	0.000	0.000	0.000	0.53

Feed Line/Linear Appurtenances Section Areas - With Ice

Tower	Tower	Face	Ice	A_R	A_F	$C_A A_A$	$C_A A_A$	Weight
Section	Elevation	or	Thickness			In Face	Out Face	
	ft	Leg	in	ft^2	ft^2	ft^2	ft ²	K
L1	155.50-110.00	A	0.977	0.000	0.000	11.662	0.000	0.10
		В		0.000	0.000	0.000	0.000	0.39
		C		0.000	0.000	0.000	0.000	0.47
L2	110.00-72.50	A	0.941	0.000	0.000	22.059	0.000	0.27
		В		0.000	0.000	0.000	0.000	0.42
		C		0.000	0.000	0.000	0.000	0.55
L3	72.50-36.00	A	0.894	0.000	0.000	20.948	0.000	0.26
		В		0.000	0.000	0.000	0.000	0.41
		C		0.000	0.000	0.000	0.000	0.53
L4	36.00-0.00	A	0.799	0.000	0.000	18.249	0.000	0.23
		В		0.000	0.000	0.000	0.000	0.40
		C		0.000	0.000	0.000	0.000	0.53

Feed Line Center of Pressure

Section	Elevation	CP_X	CP_Z	CP_X	CP_Z
				Ice	Ice
	ft	in	in	in	in
L1	155.50-110.00	-0.0593	-0.2627	-0.0983	-1.1155
L2	110.00-72.50	-0.8372	-0.7058	-1.3704	-1.8094
L3	72.50-36.00	-0.8379	-0.7066	-1.3530	-1.7766
L4	36.00-0.00	-0.8394	-0.6572	-1.3345	-1.5179

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

Tower Engineering

Professionals
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Job	HRT 107 (C) 943204 (BU 806366)	Page 5 of 19
Project	TEP No. 217470.929872	Date 11:48:16 02/16/24
Client	Crown Castle	Designed by cdcrook

Shielding Factor Ka

Tower	Feed Line	Description	Feed Line	K_a	K_a
Section	Record No.		Segment Elev.	No Ice	Ice
L1	1	Safety Line 3/8	110.00 -	1.0000	1.0000
		-	155.50		
L1	27	CU12PSM9P6XXX(1-1/2)	110.00 -	1.0000	1.0000
			113.00		
L2	1	Safety Line 3/8	72.50 - 110.00	1.0000	1.0000
L2	27	CU12PSM9P6XXX(1-1/2)	72.50 - 110.00	1.0000	1.0000
L3	1	Safety Line 3/8	36.00 - 72.50	1.0000	1.0000
L3	27	CU12PSM9P6XXX(1-1/2)	36.00 - 72.50	1.0000	1.0000
L4	1	Safety Line 3/8	8.00 - 36.00	1.0000	1.0000
L4	27	CU12PSM9P6XXX(1-1/2)	0.00 - 36.00	1.0000	1.0000

Diagrata	T	
Discrete	Lower	Loads

Description	Face or	Offset Type	Offsets: Horz	Azimuth Adjustment	Placement		C _A A _A Front	$C_A A_A$ Side	Weight
	Leg		Lateral	v					
			Vert				. 2	. 2	
			ft	0	ft		ft^2	ft^2	K
			ft						
### 1 50 ###			ft						
159		F	4.00	0.0000	150.00	NT T	4.00	2.20	0.07
LNX-8513DS-VTM w/	A	From	4.00	0.0000	159.00	No Ice	4.09	3.30	0.07
Mount Pipe		Centroid-Le	0.00			1/2" Ice	4.49	3.68	0.13
		g	0.00	0.0000	150.00	1" Ice	4.89	4.06	0.20
NHHSS-65B-R2BT4 w/	Α	From	4.00	0.0000	159.00	No Ice	3.88	3.12	0.09
Mount Pipe		Centroid-Le	0.00			1/2" Ice	4.25	3.49	0.15
		g	0.00			1" Ice	4.63	3.86	0.23
NHHSS-65B-R2BT4 w/	В	From	4.00	0.0000	159.00	No Ice	3.88	3.12	0.09
Mount Pipe		Centroid-Le	0.00			1/2" Ice	4.25	3.49	0.15
		g	0.00			1" Ice	4.63	3.86	0.23
NHHSS-65B-R2BT4 w/	C	From	4.00	0.0000	159.00	No Ice	3.88	3.12	0.09
Mount Pipe		Centroid-Le	0.00			1/2" Ice	4.25	3.49	0.15
		g	0.00			1" Ice	4.63	3.86	0.23
NHH-65B-R2B w/ Mount	Α	From	4.00	0.0000	159.00	No Ice	4.09	3.29	0.07
Pipe		Centroid-Le	0.00			1/2" Ice	4.48	3.67	0.13
		g	0.00			1" Ice	4.88	4.06	0.21
NHH-65B-R2B w/ Mount	В	From	4.00	0.0000	159.00	No Ice	4.09	3.29	0.07
Pipe		Centroid-Le	0.00			1/2" Ice	4.48	3.67	0.13
_		g	0.00			1" Ice	4.88	4.06	0.21
NHH-65B-R2B w/ Mount	C	From	4.00	0.0000	159.00	No Ice	4.09	3.29	0.07
Pipe		Centroid-Le	0.00			1/2" Ice	4.48	3.67	0.13
•		g	0.00			1" Ice	4.88	4.06	0.21
MT6413-77A w/ Mount Pipe	Α	From	4.00	0.0000	159.00	No Ice	4.00	2.15	0.07
•		Centroid-Le	0.00			1/2" Ice	4.31	2.55	0.10
		g	0.00			1" Ice	4.63	2.97	0.14
MT6413-77A w/ Mount Pipe	В	From	4.00	0.0000	159.00	No Ice	4.00	2.15	0.07
•		Centroid-Le	0.00			1/2" Ice	4.31	2.55	0.10
		g	0.00			1" Ice	4.63	2.97	0.14
MT6413-77A w/ Mount Pipe	C	From	4.00	0.0000	159.00	No Ice	4.00	2.15	0.07
	-	Centroid-Le	0.00			1/2" Ice	4.31	2.55	0.10
		g	0.00			1" Ice	4.63	2.97	0.14
LNX-6514DS-A1M w/	В	From	4.00	0.0000	159.00	No Ice	4.09	3.30	0.06

Job		Page
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Project	TEP No. 217470.929872	Date 11:48:16 02/16/24
Client	Crown Castle	Designed by cdcrook

Description	Face or Leg	Offset Type	Offsets: Horz Lateral	Azimuth Adjustment	Placement		C _A A _A Front	C_AA_A Side	Weight
			Vert ft ft ft	0	ft		ft ²	ft²	K
Mount Pipe		Centroid-Le	0.00			1/2" Ice 1" Ice	4.49 4.89	3.68	0.13 0.20
LNX-6514DS-A1M w/	С	g From	4.00	0.0000	159.00	No Ice	4.89	4.06 3.30	0.20
Mount Pipe	C	Centroid-Le	0.00	0.0000	139.00	1/2" Ice	4.09	3.68	0.00
Would I ipc		g	0.00			1" Ice	4.89	4.06	0.20
DB809K-Y	Α	From	4.00	0.0000	159.00	No Ice	2.85	2.85	0.03
2200711		Centroid-Le	0.00	0.0000	10,100	1/2" Ice	4.03	4.03	0.05
		g	10.00			1" Ice	5.21	5.21	0.08
DB809K-Y	В	From	4.00	0.0000	159.00	No Ice	2.85	2.85	0.03
		Centroid-Le	0.00			1/2" Ice	4.03	4.03	0.05
		g	10.00			1" Ice	5.21	5.21	0.08
DB809K-Y	C	From	4.00	0.0000	159.00	No Ice	2.85	2.85	0.03
		Centroid-Le	0.00			1/2" Ice	4.03	4.03	0.05
		g	10.00			1" Ice	5.21	5.21	0.08
(2) RRFDC-3315-PF-48	Α	From	4.00	0.0000	159.00	No Ice	3.36	2.19	0.02
		Centroid-Le	0.00			1/2" Ice	3.60	2.39	0.05
		g	0.00			1" Ice	3.84	2.61	0.08
RT4423-48A/B	A	From	4.00	0.0000	159.00	No Ice	0.86	0.36	0.02
		Centroid-Le	0.00			1/2" Ice	0.97	0.45	0.02
	_	_ g	0.00			1" Ice	1.10	0.54	0.03
RT4423-48A/B	В	From	4.00	0.0000	159.00	No Ice	0.86	0.36	0.02
		Centroid-Le	0.00			1/2" Ice	0.97	0.45	0.02
DE1422 40 4 /D		g	0.00	0.0000	150.00	1" Ice	1.10	0.54	0.03
RT4423-48A/B	C	From	4.00	0.0000	159.00	No Ice	0.86	0.36	0.02
		Centroid-Le	0.00			1/2" Ice	0.97	0.45	0.02
RF4439D-25A	A	g From	0.00 4.00	0.0000	159.00	1" Ice No Ice	1.10	0.54	0.03 0.07
KF4439D-23A	A	Centroid-Le	0.00	0.0000	139.00	1/2" Ice	1.87 2.03	1.25 1.39	0.07
			0.00			1" Ice	2.03	1.54	0.09
RF4439D-25A	В	g From	4.00	0.0000	159.00	No Ice	1.87	1.25	0.11
KI 4437D-23A	ь	Centroid-Le	0.00	0.0000	139.00	1/2" Ice	2.03	1.23	0.07
		g	0.00			1" Ice	2.21	1.54	0.07
RF4439D-25A	C	From	4.00	0.0000	159.00	No Ice	1.87	1.25	0.07
14		Centroid-Le	0.00	0.0000	10,100	1/2" Ice	2.03	1.39	0.09
		g	0.00			1" Ice	2.21	1.54	0.11
RF4461D-13A	Α	From	4.00	0.0000	159.00	No Ice	1.87	1.28	0.08
		Centroid-Le	0.00			1/2" Ice	2.03	1.42	0.10
		g	0.00			1" Ice	2.21	1.57	0.12
RF4461D-13A	В	From	4.00	0.0000	159.00	No Ice	1.87	1.28	0.08
		Centroid-Le	0.00			1/2" Ice	2.03	1.42	0.10
		g	0.00			1" Ice	2.21	1.57	0.12
RF4461D-13A	C	From	4.00	0.0000	159.00	No Ice	1.87	1.28	0.08
		Centroid-Le	0.00			1/2" Ice	2.03	1.42	0.10
		_ g	0.00			1" Ice	2.21	1.57	0.12
2.4" Dia. x 15-ft Pipe	Α	From	4.00	0.0000	159.00	No Ice	3.60	0.00	0.05
		Centroid-Le	0.00			1/2" Ice	5.13	0.00	0.08
0.4" D' 15 6 D'	ъ	g	0.00	0.0000	150.00	1" Ice	6.67	0.00	0.12
2.4" Dia. x 15-ft Pipe	В	From	4.00	0.0000	159.00	No Ice	3.60	0.00	0.05
		Centroid-Le	0.00			1/2" Ice	5.13	0.00	0.08
2 4" Dia v 15 ft Dina	С	g From	0.00	0.0000	150.00	1" Ice	6.67	0.00	0.12
2.4" Dia. x 15-ft Pipe	C	Centroid-Le	4.00 0.00	0.0000	159.00	No Ice 1/2" Ice	3.60 5.13	0.00 0.00	0.05 0.08
			0.00			1/2 Ice 1" Ice	5.13 6.67	0.00	0.08
L2 1/2x2 1/2x3/16 x 11ft	Α	g From	4.00	0.0000	159.00	No Ice	4.58	4.58	0.03
1/2/10/10 X 111t		Centroid-Le	0.00	0.0000	107.00	1/2" Ice	5.83	5.83	0.06
		g	0.00			1" Ice	7.10	7.10	0.09

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	() () () () () () () () () ()	
Project	TEP No. 217470.929872	Date 11:48:16 02/16/24
Client	Crown Castle	Designed by cdcrook

Description	Face or Leg	Offset Type	Offsets: Horz Lateral	Azimuth Adjustment	Placement		C _A A _A Front	C_AA_A Side	Weight
			Vert ft ft ft	0	ft		ft²	ft²	K
		Centroid-Le	0.00			1/2" Ice	5.83	5.83	0.06
		g	0.00			1" Ice	7.10	7.10	0.09
L2 1/2x2 1/2x3/16 x 11ft	C	From	4.00	0.0000	159.00	No Ice	4.58	4.58	0.03
		Centroid-Le	0.00			1/2" Ice	5.83	5.83	0.06
		g	0.00			1" Ice	7.10	7.10	0.09
(2) 1.9" x 3' Pipe	A	From	3.00	0.0000	159.00	No Ice	0.51	0.51	0.01
		Centroid-Le	0.00			1/2" Ice	0.69	0.69	0.01
(2) 4 011 01 71	_	g	0.00		4.50.00	1" Ice	0.89	0.89	0.02
(2) 1.9" x 3' Pipe	В	From	3.00	0.0000	159.00	No Ice	0.51	0.51	0.01
		Centroid-Le	0.00			1/2" Ice	0.69	0.69	0.01
(2) 1 0 U 21 P'		g	0.00	0.0000	150.00	1" Ice	0.89	0.89	0.02
(2) 1.9" x 3' Pipe	C	From	3.00	0.0000	159.00	No Ice	0.51	0.51	0.01
		Centroid-Le	0.00			1/2" Ice	0.69	0.69	0.01
1 4!! Di 0 & M Di		g	0.00	0.0000	150.00	1" Ice	0.89	0.89	0.02
2.4" Dia x 8-ft Mount Pipe	A	From	4.00	0.0000	159.00	No Ice 1/2" Ice	1.90	1.90	0.03
		Centroid-Le	0.00			1/2 Ice 1" Ice	2.73 3.40	2.73 3.40	0.04
2.4" Dia x 8-ft Mount Pipe	В	g From	0.00 4.00	0.0000	159.00	No Ice	1.90	1.90	0.06 0.03
2.4 Dia x 8-11 Mount Fipe	ь	Centroid-Le	0.00	0.0000	139.00	1/2" Ice	2.73	2.73	0.03
			0.00			1" Ice	3.40	3.40	0.04
2.4" Dia x 8-ft Mount Pipe	С	g From	4.00	0.0000	159.00	No Ice	1.90	1.90	0.03
4 Dia x 6-it Mount Fipe	C	Centroid-Le	0.00	0.0000	139.00	1/2" Ice	2.73	2.73	0.03
			0.00			1" Ice	3.40	3.40	0.04
1.9" x 3' Pipe	A	g From	4.00	0.0000	159.00	No Ice	0.51	0.51	0.00
1.5 x 5 11pc		Centroid-Le	0.00	0.0000	157.00	1/2" Ice	0.69	0.69	0.01
		g	0.00			1" Ice	0.89	0.89	0.02
1.9" x 3' Pipe	В	From	4.00	0.0000	159.00	No Ice	0.51	0.51	0.01
no no mpe	2	Centroid-Le	0.00	0.0000	107.00	1/2" Ice	0.69	0.69	0.01
		g	0.00			1" Ice	0.89	0.89	0.02
1.9" x 3' Pipe	C	From	4.00	0.0000	159.00	No Ice	0.51	0.51	0.01
1		Centroid-Le	0.00			1/2" Ice	0.69	0.69	0.01
		g	0.00			1" Ice	0.89	0.89	0.02
Platform Mount [LP	C	None		0.0000	159.00	No Ice	51.85	51.85	2.33
603-1_KCKR]						1/2" Ice	61.50	61.50	3.20
						1" Ice	71.99	71.99	4.25
145									
7770.00 w/ Mount Pipe	A	From	4.00	0.0000	145.00	No Ice	3.39	2.32	0.06
		Centroid-Le	0.00			1/2" Ice	3.75	2.66	0.10
		g	1.00			1" Ice	4.12	3.02	0.15
7770.00 w/ Mount Pipe	В	From	4.00	0.0000	145.00	No Ice	3.39	2.32	0.06
		Centroid-Le	0.00			1/2" Ice	3.75	2.66	0.10
7770 00 (35 P)	~	g	1.00	0.0000	145.00	1" Ice	4.12	3.02	0.15
7770.00 w/ Mount Pipe	C	From	4.00	0.0000	145.00	No Ice	3.39	2.32	0.06
		Centroid-Le	0.00			1/2" Ice	3.75	2.66	0.10
IDACED DITCA 134		g	1.00	0.0000	145.00	1" Ice	4.12	3.02	0.15
HPA65R-BU6A w/ Mount	A	From	4.00	0.0000	145.00	No Ice	5.83	5.00	0.08
Pipe		Centroid-Le	0.00			1/2" Ice	6.40	5.56	0.14
IDA65D BUGA w/Mouse	D	g From	0.00 4.00	0.0000	1.45.00	1" Ice	6.99 5.83	6.13 5.00	0.22
IPA65R-BU6A w/ Mount	В	Centroid-Le		0.0000	145.00	No Ice 1/2" Ice	5.83	5.00 5.56	0.08
Pipe			$0.00 \\ 0.00$			1" Ice	6.40 6.99	5.56 6.13	0.14 0.22
HPA65R-BU6A w/ Mount	С	g From	4.00	0.0000	145.00	No Ice	5.83	5.00	0.22
Pipe	C	Centroid-Le	0.00	0.0000	145.00	1/2" Ice	6.40	5.56	0.08
1 ipc		g	0.00			1" Ice	6.99	6.13	0.14
DPA65R-BU6D w/ Mount	A	From	4.00	0.0000	145.00	No Ice	12.25	6.05	0.22
	. 1	Centroid-Le	0.00	0.0000	115.00	1/2" Ice	13.00	6.71	0.18
Pipe									

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Client	Crown Castle	Designed by cdcrook

Description	Face or Leg	Offset Type	Offsets: Horz Lateral	Azimuth Adjustment	Placement		C _A A _A Front	C_AA_A Side	Weight
			Vert ft ft ft	٥	ft		ft²	ft²	K
OPA65R-BU6D w/ Mount Pipe	В	From Centroid-Le	4.00 0.00	0.0000	145.00	No Ice 1/2" Ice	12.25 13.00	6.05 6.71	0.09 0.18
1		g	0.00			1" Ice	13.76	7.39	0.27
OPA65R-BU6D w/ Mount	C	From	4.00	0.0000	145.00	No Ice	12.25	6.05	0.09
Pipe		Centroid-Le	0.00			1/2" Ice	13.00	6.71	0.18
00010065 (3.5 . D)		g	0.00	0.0000	1.45.00	1" Ice	13.76	7.39	0.27
80010965 w/ Mount Pipe	Α	From Centroid-Le	4.00 0.00	0.0000	145.00	No Ice 1/2" Ice	12.26 13.03	5.79 6.47	0.14
		g	0.00			1" Ice	13.80	7.17	0.23 0.33
80010965 w/ Mount Pipe	В	From	4.00	0.0000	145.00	No Ice	12.26	5.79	0.14
ooo 10,005 w/ Would 1 lpc	Ь	Centroid-Le	0.00	0.0000	143.00	1/2" Ice	13.03	6.47	0.23
		g	0.00			1" Ice	13.80	7.17	0.33
80010965 w/ Mount Pipe	C	From	4.00	0.0000	145.00	No Ice	12.26	5.79	0.14
•		Centroid-Le	0.00			1/2" Ice	13.03	6.47	0.23
		g	0.00			1" Ice	13.80	7.17	0.33
(2) LGP 17201	A	From	4.00	0.0000	145.00	No Ice	1.67	0.47	0.03
		Centroid-Le	0.00			1/2" Ice	1.83	0.57	0.04
(2) 7 577 47204	_	g	1.00	0.0000	4.45.00	1" Ice	2.00	0.68	0.06
(2) LGP 17201	В	From	4.00	0.0000	145.00	No Ice	1.67	0.47	0.03
		Centroid-Le	0.00 1.00			1/2" Ice 1" Ice	1.83 2.00	0.57	0.04
(2) LGP 17201	С	g From	4.00	0.0000	145.00	No Ice	1.67	0.68 0.47	0.06 0.03
(2) LGF 1/201	C	Centroid-Le	0.00	0.0000	145.00	1/2" Ice	1.83	0.47	0.03
		g	1.00			1" Ice	2.00	0.68	0.06
DC6-48-60-18-8F	Α	From	4.00	0.0000	145.00	No Ice	0.85	0.85	0.02
		Centroid-Le	0.00			1/2" Ice	1.36	1.36	0.04
		g	0.00			1" Ice	1.53	1.53	0.05
DC6-48-60-18-8F	В	From	4.00	0.0000	145.00	No Ice	0.85	0.85	0.02
		Centroid-Le	0.00			1/2" Ice	1.36	1.36	0.04
		g	0.00			1" Ice	1.53	1.53	0.05
DC6-48-60-18-8F	C	From	4.00	0.0000	145.00	No Ice	0.85	0.85	0.02
		Centroid-Le	0.00			1/2" Ice	1.36	1.36	0.04
DDIIC 4470 D14		g	0.00	0.0000	145.00	1" Ice	1.53	1.53	0.05
RRUS 4478 B14	A	From Centroid-Le	4.00 0.00	0.0000	145.00	No Ice 1/2" Ice	1.84 2.01	1.06 1.20	0.06 0.08
		g	0.00			1" Ice	2.19	1.34	0.08
RRUS 4478 B14	В	From	4.00	0.0000	145.00	No Ice	1.84	1.06	0.06
Ideo IIIo DI I	2	Centroid-Le	0.00	0.0000	113.00	1/2" Ice	2.01	1.20	0.08
		g	0.00			1" Ice	2.19	1.34	0.09
RRUS 4478 B14	C	From	4.00	0.0000	145.00	No Ice	1.84	1.06	0.06
		Centroid-Le	0.00			1/2" Ice	2.01	1.20	0.08
		g	0.00			1" Ice	2.19	1.34	0.09
RRUS 8843 B2/B66A	Α	From	4.00	0.0000	145.00	No Ice	1.64	1.35	0.07
		Centroid-Le	0.00			1/2" Ice	1.80	1.50	0.09
DDIIG 9942 D2/D//	ъ	g	0.00	0.0000	1.45.00	1" Ice	1.97	1.65	0.11
RRUS 8843 B2/B66A	В	From Centroid-Le	4.00 0.00	0.0000	145.00	No Ice 1/2" Ice	1.64 1.80	1.35	0.07
			0.00			1" Ice	1.80	1.50 1.65	0.09 0.11
RRUS 8843 B2/B66A	С	g From	4.00	0.0000	145.00	No Ice	1.64	1.35	0.11
10000015 0015	C	Centroid-Le	0.00	0.0000	113.00	1/2" Ice	1.80	1.50	0.09
		g	0.00			1" Ice	1.97	1.65	0.11
RRUS 4449 B5/B12	Α	From	4.00	0.0000	145.00	No Ice	1.97	1.41	0.07
		Centroid-Le	0.00			1/2" Ice	2.14	1.56	0.09
		g	0.00			1" Ice	2.33	1.73	0.11
RRUS 4449 B5/B12	В	From	4.00	0.0000	145.00	No Ice	1.97	1.41	0.07
		Centroid-Le	0.00			1/2" Ice	2.14	1.56	0.09
		g	0.00			1" Ice	2.33	1.73	0.11

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Project	TEP No. 217470.929872	Date 11:48:16 02/16/24
Client	Crown Castle	Designed by cdcrook

Description	Face or Leg	Offset Type	Offsets: Horz Lateral	Azimuth Adjustment	Placement		C_AA_A Front	C_AA_A Side	Weight
	Lis		Vert ft ft	o	ft		ft ²	ft²	K
			ft						
RRUS 4449 B5/B12	С	From	4.00	0.0000	145.00	No Ice	1.97	1.41	0.07
		Centroid-Le	0.00			1/2" Ice	2.14	1.56	0.09
		g	0.00			1" Ice	2.33	1.73	0.11
RRUS 32 B30	Α	From	4.00	0.0000	145.00	No Ice	2.73	1.67	0.05
		Centroid-Le	0.00			1/2" Ice	2.95	1.86	0.07
DD1/G 22 D20	ъ.	g	0.00	0.0000	1.45.00	1" Ice	3.18	2.05	0.10
RRUS 32 B30	В	From	4.00	0.0000	145.00	No Ice	2.73	1.67	0.05
		Centroid-Le	$0.00 \\ 0.00$			1/2" Ice 1" Ice	2.95 3.18	1.86 2.05	0.07 0.10
RRUS 32 B30	С	g From	4.00	0.0000	145.00	No Ice	2.73	1.67	0.10
KKUS 32 B30	C	Centroid-Le	0.00	0.0000	143.00	1/2" Ice	2.73	1.86	0.03
		g	0.00			1" Ice	3.18	2.05	0.10
2.4" Dia x 6-ft Pipe	A	From	4.00	0.0000	145.00	No Ice	1.43	1.43	0.10
z.i Dia a di tripo	41	Centroid-Le	0.00	0.0000	113.00	1/2" Ice	1.93	1.93	0.02
		g	0.00			1" Ice	2.30	2.30	0.05
2.4" Dia x 6-ft Pipe	В	From	4.00	0.0000	145.00	No Ice	1.43	1.43	0.02
r -		Centroid-Le	0.00			1/2" Ice	1.93	1.93	0.03
		g	0.00			1" Ice	2.30	2.30	0.05
2.4" Dia x 6-ft Pipe	C	From	4.00	0.0000	145.00	No Ice	1.43	1.43	0.02
		Centroid-Le	0.00			1/2" Ice	1.93	1.93	0.03
		g	0.00			1" Ice	2.30	2.30	0.05
latform Mount [LP 603-1]	C	None		0.0000	145.00	No Ice	46.42	46.42	2.35
(16-ft)						1/2" Ice	54.03	54.03	3.19
						1" Ice	62.40	62.40	4.17
135									
130		F	4.00	0.0000	120.00	NT T	14.60	6.07	0.10
PXVAALL24_43-U-NA20	A	From	4.00	0.0000	130.00	No Ice	14.69	6.87	0.18
_TMO w/ Mount Pipe		Centroid-Le	0.00 1.00			1/2" Ice 1" Ice	15.46 16.23	7.55 8.25	0.31 0.45
PXVAALL24_43-U-NA20	В	g From	4.00	0.0000	130.00	No Ice	14.69	6.87	0.43
_TMO w/ Mount Pipe	ь	Centroid-Le	0.00	0.0000	130.00	1/2" Ice	15.46	7.55	0.18
_1MO w/ Mount 1 ipc		g	1.00			1" Ice	16.23	8.25	0.45
PXVAALL24_43-U-NA20	C	From	4.00	0.0000	130.00	No Ice	14.69	6.87	0.18
_TMO w/ Mount Pipe	Č	Centroid-Le	0.00	0.0000	120.00	1/2" Ice	15.46	7.55	0.31
		g	1.00			1" Ice	16.23	8.25	0.45
V-65A-R1_TMO w/ Mount	Α	From	4.00	0.0000	130.00	No Ice	4.46	2.69	0.05
Pipe		Centroid-Le	0.00			1/2" Ice	4.91	3.10	0.10
•		g	1.00			1" Ice	5.36	3.52	0.15
V-65A-R1_TMO w/ Mount	В	From	4.00	0.0000	130.00	No Ice	4.46	2.69	0.05
Pipe		Centroid-Le	0.00			1/2" Ice	4.91	3.10	0.10
		g	1.00			1" Ice	5.36	3.52	0.15
V-65A-R1_TMO w/ Mount	C	From	4.00	0.0000	130.00	No Ice	4.46	2.69	0.05
Pipe		Centroid-Le	0.00			1/2" Ice	4.91	3.10	0.10
		_ g	1.00			1" Ice	5.36	3.52	0.15
R 6419 B41_TMO_CCIV2	A	From	4.00	0.0000	130.00	No Ice	5.79	2.97	0.10
w/ Mount Pipe		Centroid-Le	0.00			1/2" Ice	6.24	3.34	0.14
R 6419 B41_TMO_CCIV2	ъ	g Erom	1.00	0.0000	120.00	1" Ice	6.71 5.70	3.73	0.19
w/ Mount Pipe	В	From Centroid-Le	4.00 0.00	0.0000	130.00	No Ice 1/2" Ice	5.79 6.24	2.97 3.34	0.10 0.14
w/ wiount ripe			1.00			1/2 Ice 1" Ice	6.24	3.34	0.14
R 6419 B41_TMO_CCIV2	C	g From	4.00	0.0000	130.00	No Ice	5.79	2.97	0.19
w/ Mount Pipe	C	Centroid-Le	0.00	0.0000	130.00	1/2" Ice	6.24	3.34	0.10
11, 1110uiit i ipc		g	1.00			1" Ice	6.71	3.73	0.14
RADIO 4460 B2/B25	Α	From	4.00	0.0000	130.00	No Ice	2.14	1.69	0.11
B66_TMO	- •	Centroid-Le	0.00		3.00	1/2" Ice	2.32	1.85	0.13
		g	1.00			1" Ice	2.51	2.02	0.16
RADIO 4460 B2/B25	В	From	4.00	0.0000	130.00	No Ice	2.14	1.69	0.11

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Project	TEP No. 217470.929872	Date 11:48:16 02/16/24
Client	Crown Castle	Designed by cdcrook

Description	Face or Leg	Offset Type	Offsets: Horz Lateral	Azimuth Adjustment	Placement		C _A A _A Front	C_AA_A Side	Weight
			Vert ft ft ft	0	ft		ft ²	ft²	K
B66_TMO		Centroid-Le	0.00			1/2" Ice 1" Ice	2.32 2.51	1.85 2.02	0.13 0.16
RADIO 4460 B2/B25	С	g From	4.00	0.0000	130.00	No Ice	2.14	1.69	0.10
B66_TMO	C	Centroid-Le	0.00	0.0000	130.00	1/2" Ice	2.32	1.85	0.11
Boo_TWO		g	1.00			1" Ice	2.51	2.02	0.15
Radio 4480_TMOV2	Α	From	4.00	0.0000	130.00	No Ice	2.88	1.40	0.08
1		Centroid-Le	0.00	0.0000	150.00	1/2" Ice	3.09	1.56	0.10
		g	1.00			1" Ice	3.31	1.73	0.13
Radio 4480_TMOV2	В	From	4.00	0.0000	130.00	No Ice	2.88	1.40	0.08
_		Centroid-Le	0.00			1/2" Ice	3.09	1.56	0.10
		g	1.00			1" Ice	3.31	1.73	0.13
Radio 4480_TMOV2	C	From	4.00	0.0000	130.00	No Ice	2.88	1.40	0.08
		Centroid-Le	0.00			1/2" Ice	3.09	1.56	0.10
		g	1.00			1" Ice	3.31	1.73	0.13
2.4" Dia x 8-ft Mount Pipe	A	From	4.00	0.0000	130.00	No Ice	1.90	1.90	0.03
		Centroid-Le	0.00			1/2" Ice	2.73	2.73	0.04
		g	0.00			1" Ice	3.40	3.40	0.06
2.4" Dia x 8-ft Mount Pipe	В	From	4.00	0.0000	130.00	No Ice	1.90	1.90	0.03
		Centroid-Le	0.00			1/2" Ice	2.73	2.73	0.04
		g	0.00			1" Ice	3.40	3.40	0.06
2.4" Dia x 8-ft Mount Pipe	C	From	4.00	0.0000	130.00	No Ice	1.90	1.90	0.03
		Centroid-Le	0.00			1/2" Ice	2.73	2.73	0.04
G MG PW10 G		g	0.00	0.0000	120.00	1" Ice	3.40	3.40	0.06
Commscope MC-PK10-C	C	None		0.0000	130.00	No Ice	17.09	17.09	1.50
Mount						1/2" Ice 1" Ice	21.47 25.72	21.47 25.72	1.88 2.35
113						1 100	23.12	23.12	2.33
MX08FRO665-21 w/ Mount	Α	From	4.00	0.0000	113.00	No Ice	8.01	4.23	0.11
Pipe		Centroid-Le	0.00			1/2" Ice	8.52	4.69	0.19
		g	2.00			1" Ice	9.04	5.16	0.29
MX08FRO665-21 w/ Mount	В	From	4.00	0.0000	113.00	No Ice	8.01	4.23	0.11
Pipe		Centroid-Le	0.00			1/2" Ice	8.52	4.69	0.19
		g	2.00			1" Ice	9.04	5.16	0.29
MX08FRO665-21 w/ Mount	C	From	4.00	0.0000	113.00	No Ice	8.01	4.23	0.11
Pipe		Centroid-Le	0.00			1/2" Ice	8.52	4.69	0.19
		_ g	2.00			1" Ice	9.04	5.16	0.29
ANT 150Y7-WR	Α	From	4.00	0.0000	113.00	No Ice	1.00	1.00	0.02
		Centroid-Le	0.00			1/2" Ice	1.00	1.00	0.01
CO 41 A		g	2.00	0.0000	112.00	1" Ice	0.24	0.24	0.01
CO-41A	A	From	4.00	0.0000	113.00	No Ice	3.15	3.15	0.01
		Centroid-Le	0.00 12.00			1/2" Ice	4.38	4.38	0.04
CO 41 A	В	g From	4.00	0.0000	113.00	1" Ice	5.63 3.15	5.63 3.15	0.07 0.01
CO-41A	D	From Centroid-Le	4.00 0.00	0.0000	113.00	No Ice 1/2" Ice	4.38	3.15 4.38	0.01
			-1.00			1" Ice	5.63	5.63	0.04
DB404-B w/ Mount Pipe	В	g From	4.00	0.0000	113.00	No Ice	4.13	4.13	0.07
אים אין אוטעווו דוף wi Mioniii Libe	D	Centroid-Le	0.00	0.0000	113.00	1/2" Ice	5.67	5.67	0.03
		g	7.00			1" Ice	6.38	6.38	0.16
TA08025-B604	Α	From	4.00	0.0000	113.00	No Ice	1.96	0.98	0.16
1/10002J-D00T	77	Centroid-Le	0.00	0.0000	115.00	1/2" Ice	2.14	1.11	0.08
		g	2.00			1" Ice	2.14	1.11	0.08
TA08025-B604	В	From	4.00	0.0000	113.00	No Ice	1.96	0.98	0.16
11100020 2001	2	Centroid-Le	0.00	0.0000	110.00	1/2" Ice	2.14	1.11	0.08
		g	2.00			1" Ice	2.32	1.25	0.10
TA08025-B604	C	From	4.00	0.0000	113.00	No Ice	1.96	0.98	0.06
– ***	-	Centroid-Le	0.00			1/2" Ice	2.14	1.11	0.08
								-	

Tower Engineering

Professionals 326 Tryon Road Raleigh, NC 27603 Phone: (919) 661-6351 FAX: (919) 661-6350

Job	HDT 107 (C) 042204 (DH 906266)	Page 11 of 19
	HRT 107 (C) 943204 (BU 806366)	11 01 15
Project	TEP No. 217470.929872	Date 11:48:16 02/16/24
Client	Crown Castle	Designed by cdcrook

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert	Azimuth Adjustment	Placement		C_AA_A Front	C_AA_A Side	Weight
			ft ft ft	0	ft		ft ²	ft ²	K
TA08025-B605	A	From	4.00	0.0000	113.00	No Ice	1.96	1.13	0.08
		Centroid-Le	0.00			1/2" Ice	2.14	1.27	0.09
		g	2.00			1" Ice	2.32	1.41	0.11
TA08025-B605	В	From	4.00	0.0000	113.00	No Ice	1.96	1.13	0.08
		Centroid-Le	0.00			1/2" Ice	2.14	1.27	0.09
		g	2.00			1" Ice	2.32	1.41	0.11
TA08025-B605	C	From	4.00	0.0000	113.00	No Ice	1.96	1.13	0.08
		Centroid-Le	0.00			1/2" Ice	2.14	1.27	0.09
		g	2.00			1" Ice	2.32	1.41	0.11
RDIDC-9181-PF-48	Α	From	4.00	0.0000	113.00	No Ice	2.01	1.17	0.02
		Centroid-Le	0.00			1/2" Ice	2.19	1.31	0.04
		g	2.00			1" Ice	2.37	1.46	0.06
2.4" Dia x 8-ft Mount Pipe	A	From	4.00	0.0000	113.00	No Ice	1.90	1.90	0.03
		Centroid-Le	0.00			1/2" Ice	2.73	2.73	0.04
		g	0.00			1" Ice	3.40	3.40	0.06
) 2.4" Dia x 8-ft Mount Pipe	В	From	4.00	0.0000	113.00	No Ice	1.90	1.90	0.03
•		Centroid-Le	0.00			1/2" Ice	2.73	2.73	0.04
		g	0.00			1" Ice	3.40	3.40	0.06
2) 2.4" Dia x 8-ft Mount Pipe	C	From	4.00	0.0000	113.00	No Ice	1.90	1.90	0.03
•		Centroid-Le	0.00			1/2" Ice	2.73	2.73	0.04
		g	0.00			1" Ice	3.40	3.40	0.06
Commscope MC-PK8-DSH	C	None		0.0000	113.00	No Ice	34.24	34.24	1.75
-						1/2" Ice	62.95	62.95	2.10
						1" Ice	91.66	91.66	2.45
100 ***									

Load Combinations

Comb.	Description
No.	
1	Dead Only
2	1.2 Dead+1.0 Wind 0 deg - No Ice
3	0.9 Dead+1.0 Wind 0 deg - No Ice
4	1.2 Dead+1.0 Wind 30 deg - No Ice
5	0.9 Dead+1.0 Wind 30 deg - No Ice
6	1.2 Dead+1.0 Wind 60 deg - No Ice
7	0.9 Dead+1.0 Wind 60 deg - No Ice
8	1.2 Dead+1.0 Wind 90 deg - No Ice
9	0.9 Dead+1.0 Wind 90 deg - No Ice
10	1.2 Dead+1.0 Wind 120 deg - No Ice
11	0.9 Dead+1.0 Wind 120 deg - No Ice
12	1.2 Dead+1.0 Wind 150 deg - No Ice
13	0.9 Dead+1.0 Wind 150 deg - No Ice
14	1.2 Dead+1.0 Wind 180 deg - No Ice
15	0.9 Dead+1.0 Wind 180 deg - No Ice
16	1.2 Dead+1.0 Wind 210 deg - No Ice
17	0.9 Dead+1.0 Wind 210 deg - No Ice
18	1.2 Dead+1.0 Wind 240 deg - No Ice
19	0.9 Dead+1.0 Wind 240 deg - No Ice

Tower Engineering

Professionals 326 Tryon Road Raleigh, NC 27603 Phone: (919) 661-6351 FAX: (919) 661-6350

Job	HRT 107 (C) 943204 (BU 806366)	Page 12 of 19
Project	TEP No. 217470.929872	Date 11:48:16 02/16/24
Client	Crown Castle	Designed by cdcrook

Comb.	Description
No.	-
20	1.2 Dead+1.0 Wind 270 deg - No Ice
21	0.9 Dead+1.0 Wind 270 deg - No Ice
22	1.2 Dead+1.0 Wind 300 deg - No Ice
23	0.9 Dead+1.0 Wind 300 deg - No Ice
24	1.2 Dead+1.0 Wind 330 deg - No Ice
25	0.9 Dead+1.0 Wind 330 deg - No Ice
26	1.2 Dead+1.0 Ice+1.0 Temp
27	1.2 Dead+1.0 Wind 0 deg+1.0 Ice+1.0 Temp
28	1.2 Dead+1.0 Wind 30 deg+1.0 Ice+1.0 Temp
29	1.2 Dead+1.0 Wind 60 deg+1.0 Ice+1.0 Temp
30	1.2 Dead+1.0 Wind 90 deg+1.0 Ice+1.0 Temp
31	1.2 Dead+1.0 Wind 120 deg+1.0 Ice+1.0 Temp
32	1.2 Dead+1.0 Wind 150 deg+1.0 Ice+1.0 Temp
33	1.2 Dead+1.0 Wind 180 deg+1.0 Ice+1.0 Temp
34	1.2 Dead+1.0 Wind 210 deg+1.0 Ice+1.0 Temp
35	1.2 Dead+1.0 Wind 240 deg+1.0 Ice+1.0 Temp
36	1.2 Dead+1.0 Wind 270 deg+1.0 Ice+1.0 Temp
37	1.2 Dead+1.0 Wind 300 deg+1.0 Ice+1.0 Temp
38	1.2 Dead+1.0 Wind 330 deg+1.0 Ice+1.0 Temp
39	Dead+Wind 0 deg - Service
40	Dead+Wind 30 deg - Service
41	Dead+Wind 60 deg - Service
42	Dead+Wind 90 deg - Service
43	Dead+Wind 120 deg - Service
44	Dead+Wind 150 deg - Service
45	Dead+Wind 180 deg - Service
46	Dead+Wind 210 deg - Service
47	Dead+Wind 240 deg - Service
48	Dead+Wind 270 deg - Service
49	Dead+Wind 300 deg - Service
50	Dead+Wind 330 deg - Service

Maximum Member Forces

Section	Elevation	Component	Condition	Gov.	Axial	Major Axis	Minor Axis
No.	ft	Type		Load		Moment	Moment
				Comb.	K	kip-ft	kip-ft
L1	155.5 - 110	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-40.74	0.19	0.80
			Max. Mx	20	-25.82	664.31	0.21
			Max. My	2	-25.82	0.03	669.11
			Max. Vy	20	-25.47	664.31	0.21
			Max. Vx	2	-25.58	0.03	669.11
			Max. Torque	25			-0.90
L2	110 - 72.5	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-67.11	-0.04	1.23
			Max. Mx	20	-46.54	1875.14	0.43
			Max. My	2	-46.53	0.02	1885.41
			Max. Vy	20	-37.18	1875.14	0.43
			Max. Vx	2	-37.32	0.02	1885.41
			Max. Torque	22			-1.37
L3	72.5 - 36	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-91.61	0.66	1.63
			Max. Mx	20	-67.48	3350.69	0.60
			Max. My	2	-67.47	0.31	3366.02
			Max. Vy	20	-44.52	3350.69	0.60
			Max. Vx	2	-44.67	0.31	3366.02
			Max. Torque	22			-1.37
L4	36 - 0	Pole	Max Tension	1	0.00	0.00	0.00

Tower Engineering Professionals

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Project	TEP No. 217470.929872	Date 11:48:16 02/16/24
Client	Crown Castle	Designed by cdcrook

Section No.	Elevation ft	Component Type	Condition	Gov. Load	Axial	Major Axis Moment	Minor Axis Moment
	,	71		Comb.	K	kip-ft	kip-ft
			Max. Compression	26	-123.25	1.50	2.12
			Max. Mx	20	-95.34	5527.70	0.82
			Max. My	2	-95.34	0.68	5549.28
			Max. Vy	20	-51.96	5527.70	0.82
			Max. Vx	2	-52.10	0.68	5549.28
			Max. Torque	22			-1.37

Maximum Reactions

Location	Condition	Gov.	Vertical	Horizontal, X	Horizontal, Z
		Load	K	K	K
		Comb.			
Pole	Max. Vert	26	123.25	0.00	0.00
	Max. H _x	20	95.35	51.93	0.00
	Max. H _z	2	95.35	0.00	52.07
	$Max. M_x$	2	5549.28	0.00	52.07
	Max. M _z	8	5526.34	-51.93	0.00
	Max. Torsion	10	1.37	-44.97	-26.04
	Min. Vert	11	71.51	-44.97	-26.04
	Min. H _x	8	95.35	-51.93	0.00
	Min. H _z	14	95.35	0.00	-52.07
	Min. M _x	14	-5547.65	0.00	-52.07
	Min. Mz	20	-5527.70	51.93	0.00
	Min. Torsion	22	-1.37	44.97	26.04

Tower Mast Reaction Summary

Load Combination	Vertical	$Shear_x$	Shearz	Overturning Moment, M_x	Overturning Moment, M _z	Torque
	K	K	K	kip-ft	kip-ft	kip-ft
Dead Only	79.46	0.00	0.00	-0.67	0.56	0.00
1.2 Dead+1.0 Wind 0 deg - No	95.35	0.00	-52.07	-5549.28	0.68	0.87
Ice						
0.9 Dead+1.0 Wind 0 deg - No	71.51	0.00	-52.07	-5524.86	0.51	0.87
Ice						
1.2 Dead+1.0 Wind 30 deg - No	95.35	25.97	-45.09	-4805.93	-2762.83	0.22
Ice						
0.9 Dead+1.0 Wind 30 deg - No	71.51	25.97	-45.09	-4784.75	-2750.95	0.22
Ice	05.25	44.05	26.04	255.05	4505.06	0.50
1.2 Dead+1.0 Wind 60 deg - No	95.35	44.97	-26.04	-2775.05	-4785.86	-0.50
Ice	71.51	44.07	26.04	-2762.74	1765 15	0.50
0.9 Dead+1.0 Wind 60 deg - No Ice	/1.31	44.97	-26.04	-2/02.74	-4765.15	-0.50
1.2 Dead+1.0 Wind 90 deg - No	95.35	51.93	0.00	-0.82	-5526.34	-1.08
Ice	75.55	31.73	0.00	-0.62	-3320.34	-1.00
0.9 Dead+1.0 Wind 90 deg - No	71.51	51.93	0.00	-0.61	-5502.40	-1.07
Ice	, 110 1	51.55	0.00	0.01	00021.0	1107
1.2 Dead+1.0 Wind 120 deg -	95.35	44.97	26.04	2773.42	-4785.86	-1.37
No Ice						
0.9 Dead+1.0 Wind 120 deg -	71.51	44.97	26.04	2761.52	-4765.15	-1.37
No Ice						
1.2 Dead+1.0 Wind 150 deg -	95.35	25.97	45.09	4804.30	-2762.83	-1.29
No Ice						

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	HRT 107 (C) 943204 (BU 806366)	14 of 19
Project	TEP No. 217470.929872	Date 11:48:16 02/16/24
Client	Crown Castle	Designed by cdcrook

Load Combination	Vertical	$Shear_x$	$Shear_z$	Overturning Moment, M_x	Overturning Moment, M_z	Torque
	K	K	K	kip-ft	kip-ft	kip-ft
0.9 Dead+1.0 Wind 150 deg -	71.51	25.97	45.09	4783.53	-2750.94	-1.2
No Ice 1.2 Dead+1.0 Wind 180 deg -	95.35	0.00	52.07	5547.65	0.68	-0.8
No Ice						
0.9 Dead+1.0 Wind 180 deg -	71.51	0.00	52.07	5523.64	0.51	-0.8
No Ice 1.2 Dead+1.0 Wind 210 deg -	95.35	-25.97	45.09	4804.30	2764.19	-0.2
No Ice	70.00	20.57		1001150	2701119	0.2
0.9 Dead+1.0 Wind 210 deg - No Ice	71.51	-25.97	45.09	4783.53	2751.96	-0.2
1.2 Dead+1.0 Wind 240 deg -	95.35	-44.97	26.04	2773.42	4787.22	0.4
No Ice	71.51	44.05	26.04	27/1.52	45777	0.4
0.9 Dead+1.0 Wind 240 deg - No Ice	71.51	-44.97	26.04	2761.52	4766.16	0.4
1.2 Dead+1.0 Wind 270 deg -	95.35	-51.93	0.00	-0.82	5527.70	1.0
No Ice						
0.9 Dead+1.0 Wind 270 deg - No Ice	71.51	-51.93	0.00	-0.61	5503.42	1.0
1.2 Dead+1.0 Wind 300 deg -	95.35	-44.97	-26.04	-2775.05	4787.22	1.3
No Ice						
0.9 Dead+1.0 Wind 300 deg - No Ice	71.51	-44.97	-26.04	-2762.73	4766.17	1.3
1.2 Dead+1.0 Wind 330 deg -	95.35	-25.97	-45.09	-4805.93	2764.19	1.3
No Ice	70.00	20.57		.000.50	2701119	1.0
0.9 Dead+1.0 Wind 330 deg -	71.51	-25.97	-45.09	-4784.75	2751.96	1.3
No Ice	123.25	0.00	0.00	-2.12	1.50	0.0
1.2 Dead+1.0 Ice+1.0 Temp 1.2 Dead+1.0 Wind 0 deg+1.0	123.25	-0.00	-10.34	-2.12 -1119.29	1.50	0.0
Ice+1.0 Temp	123.23	0.00	10.54	1117.27	1.55	0.2
1.2 Dead+1.0 Wind 30 deg+1.0	123.25	5.16	-8.95	-969.62	-555.33	0.0
Ice+1.0 Temp	102.05	0.02	5 17	560.74	0.62.00	0.0
1.2 Dead+1.0 Wind 60 deg+1.0 Ice+1.0 Temp	123.25	8.93	-5.17	-560.74	-962.98	-0.0
1.2 Dead+1.0 Wind 90 deg+1.0	123.25	10.32	-0.00	-2.19	-1112.19	-0.1
Ice+1.0 Temp						
1.2 Dead+1.0 Wind 120 deg+1.0 Ice+1.0 Temp	123.25	8.93	5.17	556.36	-962.98	-0.2
1.2 Dead+1.0 Wind 150	123.25	5.16	8.95	965.25	-555.33	-0.2
deg+1.0 Ice+1.0 Temp						
1.2 Dead+1.0 Wind 180	123.25	-0.00	10.34	1114.91	1.53	-0.2
deg+1.0 Ice+1.0 Temp 1.2 Dead+1.0 Wind 210	123.25	-5.16	8.95	965.25	558.39	-0.0
deg+1.0 Ice+1.0 Temp	123.23	-5.10	0.93	903.23	336.39	-0.0
1.2 Dead+1.0 Wind 240	123.25	-8.93	5.17	556.36	966.04	0.0
deg+1.0 Ice+1.0 Temp	100.05	10.22	0.00	2.10	1115.05	0.1
1.2 Dead+1.0 Wind 270 deg+1.0 Ice+1.0 Temp	123.25	-10.32	-0.00	-2.19	1115.25	0.1
1.2 Dead+1.0 Wind 300	123.25	-8.93	-5.17	-560.74	966.04	0.2
deg+1.0 Ice+1.0 Temp	123.23	0.23	3.17	300.71	700.01	0.2
1.2 Dead+1.0 Wind 330	123.25	-5.16	-8.95	-969.62	558.39	0.2
deg+1.0 Ice+1.0 Temp						
Dead+Wind 0 deg - Service	79.46	0.00	-10.45	-1111.60	0.56	0.1
Dead+Wind 30 deg - Service	79.46	5.21	-9.05 5.22	-962.77	-552.75	0.0
Dead+Wind 60 deg - Service	79.46	9.03	-5.23	-556.14	-957.81	-0.0
Dead+Wind 120 deg - Service	79.46	10.43	0.00	-0.68	-1106.07	-0.2
Dead+Wind 120 deg - Service	79.46	9.03	5.23 9.05	554.78	-957.81 -552.75	-0.2
Dead+Wind 150 deg - Service	79.46 79.46	5.21		961.41		-0.2 -0.
Dead+Wind 180 deg - Service	79.46	0.00	10.45 9.05	1110.24	0.56 553.88	-0. -0.
Dead+Wind 210 deg - Service Dead+Wind 240 deg - Service	79.46 79.46	-5.21 -9.03		961.41 554.78		
	/9.40	-9.03	5.23	554.78	958.94	0.0

Tower Engineering

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Job	HRT 107 (C) 943204 (BU 806366)	Page 15 of 19
Project	TEP No. 217470.929872	Date 11:48:16 02/16/24
Client	Crown Castle	Designed by cdcrook

Load Combination	Vertical	$Shear_x$	$Shear_z$	Overturning Moment, M _x	Overturning Moment, M ₂	Torque
	K	K	K	kip-ft	kip-ft	kip-ft
Dead+Wind 300 deg - Service	79.46	-9.03	-5.23	-556.14	958.94	0.27
Dead+Wind 330 deg - Service	79.46	-5.21	-9.05	-962.77	553.88	0.27

Solution Summary

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1 0.00 -79.46 0.00 0.00 79.46 0.00 2 0.00 -95.35 -52.07 0.00 95.35 52.07 3 0.00 -71.51 -52.07 0.00 71.51 52.07 4 25.97 -95.35 -45.09 -25.97 95.35 45.09 5 25.97 -71.51 -45.09 -25.97 71.51 45.09 6 44.97 -95.35 -26.04 -44.97 71.51 26.04 7 44.97 -71.51 -26.04 -44.97 71.51 26.04 8 51.93 -95.35 0.00 -51.93 95.35 0.00 9 51.93 -71.51 0.00 -51.93 95.35 0.00 10 44.97 -95.35 26.04 -44.97 71.51 0.00 11 44.97 -95.35 45.09 -25.97 95.35 -45.09 12 25.97 -95.35 45.09	0.000%
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22 -44.97 -95.35 -26.04 44.97 95.35 26.04 23 -44.97 -71.51 -26.04 44.97 71.51 26.04 24 -25.97 -95.35 -45.09 25.97 95.35 45.09 25 -25.97 -71.51 -45.09 25.97 71.51 45.09 26 0.00 -123.25 0.00 0.00 123.25 0.00 27 0.00 -123.25 -10.34 0.00 123.25 10.34 28 5.16 -123.25 -8.95 -5.16 123.25 8.95 29 8.93 -123.25 -5.17 -8.93 123.25 5.17 30 10.32 -123.25 0.00 -10.32 123.25 0.00 31 8.93 -123.25 5.17 -8.93 123.25 -5.17 32 5.16 -123.25 8.95 -5.16 123.25 -8.95 33 0.00 -123.25 10.34 0.00 123.25 -10.34 34 -5.16 <td< td=""><td>0.000%</td></td<>	0.000%
23 -44.97 -71.51 -26.04 44.97 71.51 26.04 24 -25.97 -95.35 -45.09 25.97 95.35 45.09 25 -25.97 -71.51 -45.09 25.97 71.51 45.09 26 0.00 -123.25 0.00 0.00 123.25 0.00 27 0.00 -123.25 -10.34 0.00 123.25 10.34 28 5.16 -123.25 -8.95 -5.16 123.25 8.95 29 8.93 -123.25 -5.17 -8.93 123.25 5.17 30 10.32 -123.25 0.00 -10.32 123.25 0.00 31 8.93 -123.25 5.17 -8.93 123.25 -5.17 32 5.16 -123.25 8.95 -5.16 123.25 -8.95 33 0.00 -123.25 10.34 0.00 123.25 -10.34 34 -5.16 -123.25 8.95 5.16 123.25 -8.95 35 -8.93 -	0.000%
24 -25.97 -95.35 -45.09 25.97 95.35 45.09 25 -25.97 -71.51 -45.09 25.97 71.51 45.09 26 0.00 -123.25 0.00 0.00 123.25 0.00 27 0.00 -123.25 -10.34 0.00 123.25 10.34 28 5.16 -123.25 -8.95 -5.16 123.25 8.95 29 8.93 -123.25 -5.17 -8.93 123.25 5.17 30 10.32 -123.25 0.00 -10.32 123.25 0.00 31 8.93 -123.25 5.17 -8.93 123.25 -5.17 32 5.16 -123.25 8.95 -5.16 123.25 -8.95 33 0.00 -123.25 10.34 0.00 123.25 -10.34 34 -5.16 -123.25 8.95 5.16 123.25 -8.95 35 -8.93 -123.25 5.17 8.93 123.25 -5.17	0.000%
25 -25.97 -71.51 -45.09 25.97 71.51 45.09 26 0.00 -123.25 0.00 0.00 123.25 0.00 27 0.00 -123.25 -10.34 0.00 123.25 10.34 28 5.16 -123.25 -8.95 -5.16 123.25 8.95 29 8.93 -123.25 -5.17 -8.93 123.25 5.17 30 10.32 -123.25 0.00 -10.32 123.25 0.00 31 8.93 -123.25 5.17 -8.93 123.25 -5.17 32 5.16 -123.25 8.95 -5.16 123.25 -8.95 33 0.00 -123.25 10.34 0.00 123.25 -10.34 34 -5.16 -123.25 8.95 5.16 123.25 -8.95 35 -8.93 -123.25 5.17 8.93 123.25 -5.17	0.000%
25 -25.97 -71.51 -45.09 25.97 71.51 45.09 26 0.00 -123.25 0.00 0.00 123.25 0.00 27 0.00 -123.25 -10.34 0.00 123.25 10.34 28 5.16 -123.25 -8.95 -5.16 123.25 8.95 29 8.93 -123.25 -5.17 -8.93 123.25 5.17 30 10.32 -123.25 0.00 -10.32 123.25 0.00 31 8.93 -123.25 5.17 -8.93 123.25 -5.17 32 5.16 -123.25 8.95 -5.16 123.25 -8.95 33 0.00 -123.25 10.34 0.00 123.25 -10.34 34 -5.16 -123.25 8.95 5.16 123.25 -8.95 35 -8.93 -123.25 5.17 8.93 123.25 -5.17	0.000%
27 0.00 -123.25 -10.34 0.00 123.25 10.34 28 5.16 -123.25 -8.95 -5.16 123.25 8.95 29 8.93 -123.25 -5.17 -8.93 123.25 5.17 30 10.32 -123.25 0.00 -10.32 123.25 0.00 31 8.93 -123.25 5.17 -8.93 123.25 -5.17 32 5.16 -123.25 8.95 -5.16 123.25 -8.95 33 0.00 -123.25 10.34 0.00 123.25 -10.34 34 -5.16 -123.25 8.95 5.16 123.25 -8.95 35 -8.93 -123.25 5.17 8.93 123.25 -5.17	0.000%
27 0.00 -123.25 -10.34 0.00 123.25 10.34 28 5.16 -123.25 -8.95 -5.16 123.25 8.95 29 8.93 -123.25 -5.17 -8.93 123.25 5.17 30 10.32 -123.25 0.00 -10.32 123.25 0.00 31 8.93 -123.25 5.17 -8.93 123.25 -5.17 32 5.16 -123.25 8.95 -5.16 123.25 -8.95 33 0.00 -123.25 10.34 0.00 123.25 -10.34 34 -5.16 -123.25 8.95 5.16 123.25 -8.95 35 -8.93 -123.25 5.17 8.93 123.25 -5.17	0.000%
29 8.93 -123.25 -5.17 -8.93 123.25 5.17 30 10.32 -123.25 0.00 -10.32 123.25 0.00 31 8.93 -123.25 5.17 -8.93 123.25 -5.17 32 5.16 -123.25 8.95 -5.16 123.25 -8.95 33 0.00 -123.25 10.34 0.00 123.25 -10.34 34 -5.16 -123.25 8.95 5.16 123.25 -8.95 35 -8.93 -123.25 5.17 8.93 123.25 -5.17	0.000%
30 10.32 -123.25 0.00 -10.32 123.25 0.00 31 8.93 -123.25 5.17 -8.93 123.25 -5.17 32 5.16 -123.25 8.95 -5.16 123.25 -8.95 33 0.00 -123.25 10.34 0.00 123.25 -10.34 34 -5.16 -123.25 8.95 5.16 123.25 -8.95 35 -8.93 -123.25 5.17 8.93 123.25 -5.17	0.000%
31 8.93 -123.25 5.17 -8.93 123.25 -5.17 32 5.16 -123.25 8.95 -5.16 123.25 -8.95 33 0.00 -123.25 10.34 0.00 123.25 -10.34 34 -5.16 -123.25 8.95 5.16 123.25 -8.95 35 -8.93 -123.25 5.17 8.93 123.25 -5.17	0.000%
31 8.93 -123.25 5.17 -8.93 123.25 -5.17 32 5.16 -123.25 8.95 -5.16 123.25 -8.95 33 0.00 -123.25 10.34 0.00 123.25 -10.34 34 -5.16 -123.25 8.95 5.16 123.25 -8.95 35 -8.93 -123.25 5.17 8.93 123.25 -5.17	0.000%
33 0.00 -123.25 10.34 0.00 123.25 -10.34 34 -5.16 -123.25 8.95 5.16 123.25 -8.95 35 -8.93 -123.25 5.17 8.93 123.25 -5.17	0.000%
34 -5.16 -123.25 8.95 5.16 123.25 -8.95 35 -8.93 -123.25 5.17 8.93 123.25 -5.17	0.000%
35 -8.93 -123.25 5.17 8.93 123.25 -5.17	0.000%
	0.000%
	0.000%
36 -10.32 -123.25 0.00 10.32 123.25 0.00	0.000%
37 -8.93 -123.25 -5.17 8.93 123.25 5.17	0.000%
38 -5.16 -123.25 -8.95 5.16 123.25 8.95	0.000%
39 0.00 -79.46 -10.45 0.00 79.46 10.45	0.000%
40 5.21 -79.46 -9.05 -5.21 79.46 9.05	0.000%
41 9.03 -79.46 -5.23 -9.03 79.46 5.23	0.000%
42 10.43 -79.46 0.00 -10.43 79.46 0.00	0.000%
43 9.03 -79.46 5.23 -9.03 79.46 -5.23	0.000%
44 5.21 -79.46 9.05 -5.21 79.46 -9.05	0.000%
45 0.00 -79.46 10.45 0.00 79.46 -10.45	0.000%
46 -5.21 -79.46 9.05 5.21 79.46 -9.05	0.000%
47 -9.03 -79.46 5.23 9.03 79.46 -5.23	0.000%
48 -10.43 -79.46 0.00 10.43 79.46 0.00	0.000%
49 -9.03 -79.46 -5.23 9.03 79.46 5.23	0.000%
50 -5.21 -79.46 -9.05 5.21 79.46 9.05	0.000%

Tower Engineering Professionals

326 Tryon Road Raleigh, NC 27603 Phone: (919) 661-6351 FAX: (919) 661-6350

Job		Page
	HRT 107 (C) 943204 (BU 806366)	16 of 19
Project	TEP No. 217470.929872	Date 11:48:16 02/16/24
Client	Crown Castle	Designed by cdcrook

Non-Linear Convergence Results

Load	Converged?	Number	Displacement	Force
Combination		of Cycles	Tolerance	Tolerance
1	Yes	4	0.00000001	0.00000001
2	Yes	4	0.00000001	0.00006937
3	Yes	4	0.00000001	0.00003682
4	Yes	4	0.00000001	0.00063634
5	Yes	4	0.00000001	0.00041685
6	Yes	4	0.00000001	0.00064064
7	Yes	4	0.00000001	0.00041990
8	Yes	4	0.00000001	0.00007260
9	Yes	4	0.00000001	0.00003961
10	Yes	4	0.00000001	0.00061474
11	Yes	4	0.00000001	0.00040211
12	Yes	4	0.00000001	0.00065220
13	Yes	4	0.00000001	0.00042789
14	Yes	4	0.00000001	0.00006934
15	Yes	4	0.00000001	0.00003681
16	Yes	4	0.00000001	0.00063140
17	Yes	4	0.00000001	0.00041345
18	Yes	4	0.00000001	0.00062546
19	Yes	4	0.00000001	0.00040949
20	Yes	4	0.00000001	0.00007261
21	Yes	4	0.00000001	0.00003962
22	Yes	4	0.00000001	0.00065318
23	Yes	4	0.00000001	0.00042854
24	Yes	4	0.00000001	0.00061733
25	Yes	4	0.00000001	0.00040366
26	Yes	4	0.00000001	0.00000001
27	Yes	4	0.00000001	0.00052555
28	Yes	4	0.00000001	0.00052555
29	Yes	4	0.00000001	0.00053174
30	Yes	4	0.00000001	0.00052194
31	Yes	4	0.00000001	0.00052876
32	Yes	4	0.00000001	0.00052941
33	Yes	4	0.00000001	0.00052289
34	Yes	4	0.00000001	0.00052289
35	Yes	4	0.00000001	0.00052961
36	Yes	4	0.00000001	0.00052289
37	Yes	4	0.00000001	0.00052289
38	Yes	4	0.0000001	0.00053110
39	Yes	4	0.0000001	0.00033223
40	Yes	4	0.0000001	0.00001101
41	Yes	4	0.0000001	0.00001473
42	Yes	4		
43		4	0.00000001	0.00001098
43 44	Yes Yes	4	0.0000001 0.0000001	0.00001446 0.00001499
44 45	Yes	4	0.0000001	0.00001499
		•		
46	Yes	4	0.00000001	0.00001462
47	Yes	4	0.00000001	0.00001456
48	Yes	4	0.00000001	0.00001099
49	Yes	4	0.00000001	0.00001502
50	Yes	4	0.0000001	0.00001452

Tower Engineering Professionals 326 Tryon Road

Raleigh, NC 27603 Phone: (919) 661-6351 FAX: (919) 661-6350

Job	HRT 107 (C) 943204 (BU 806366)	Page 17 of 19
Project	TEP No. 217470.929872	Date 11:48:16 02/16/24
Client	Crown Castle	Designed by cdcrook

Maximum Tower Deflections - Service Wind

Section	Elevation	Horz.	Gov.	Tilt	Twist
No.		Deflection	Load		
	ft	in	Comb.	0	0
L1	155.5 - 110	5.780	39	0.2658	0.0002
L2	118 - 72.5	3.734	39	0.2491	0.0002
L3	81 - 36	1.957	39	0.2000	0.0001
L4	45 - 0	0.680	39	0.1281	0.0000

Critical Deflections and Radius of Curvature - Service Wind

Elevation	Appurtenance	Gov.	Deflection	Tilt	Twist	Radius of
		Load				Curvature
ft		Comb.	in	٥	0	ft
159.00	LNX-8513DS-VTM w/ Mount Pipe	39	5.780	0.2658	0.0002	479077
145.00	7770.00 w/ Mount Pipe	39	5.196	0.2631	0.0002	228132
130.00	APXVAALL24_43-U-NA20_TMO w/ Mount Pipe	39	4.373	0.2572	0.0002	93937
113.00	MX08FRO665-21 w/ Mount Pipe	39	3.476	0.2444	0.0002	59137

Maximum Tower Deflections - Design Wind

Section	Elevation	Horz.	Gov.	Tilt	Twist
No.		Deflection	Load		
	ft	in	Comb.	0	0
L1	155.5 - 110	28.863	2	1.3274	0.0011
L2	118 - 72.5	18.649	2	1.2439	0.0008
L3	81 - 36	9.773	2	0.9987	0.0005
L4	45 - 0	3.396	2	0.6395	0.0002

Critical Deflections and Radius of Curvature - Design Wind

Elevation	Appurtenance	Gov.	Deflection	Tilt	Twist	Radius of
		Load				Curvature
ft		Comb.	in	٥	0	ft
159.00	LNX-8513DS-VTM w/ Mount Pipe	2	28.863	1.3274	0.0011	96110
145.00	7770.00 w/ Mount Pipe	2	25.946	1.3138	0.0010	45767
130.00	APXVAALL24_43-U-NA20_TMO	2	21.837	1.2845	0.0009	18844
	w/ Mount Pipe					
113.00	MX08FRO665-21 w/ Mount Pipe	2	17.357	1.2206	0.0008	11860

Compression Checks

Tower Engineering Professionals

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Job	HRT 107 (C) 943204 (BU 806366)	Page 18 of 19
	TINT 107 (C) 943204 (BU 800300)	10 01 10
Project	TEP No. 217470.929872	Date 11:48:16 02/16/24
Client	Crown Castle	Designed by cdcrook

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Section	Elevation	Size	L	L_u	Kl/r	A	P_u	ϕP_n	Ratio
No.									P_u
	ft		ft	ft		in^2	K	K	ϕP_n
L1	155.5 - 110 (1)	TP64.606x58.6x0.375	45.50	0.00	0.0	76.2838	-25.82	3888.78	0.007
L2	110 - 72.5 (2)	TP68.805x62.8x0.4375	45.50	0.00	0.0	94.7324	-46.53	5197.13	0.009
L3	72.5 - 36 (3)	TP72.748x66.8082x0.5	45.00	0.00	0.0	114.407 0	-67.47	6625.14	0.010
L4	36 - 0 (4)	TP76.5x70.56x0.5	45.00	0.00	0.0	122.360 0	-95.34	6767.68	0.014

Pole Bending Design Data

Section	Elevation	Size	M_{ux}	ϕM_{nx}	Ratio	M_{uy}	ϕM_{ny}	Ratio
No.					M_{ux}			M_{uy}
	ft		kip-ft	kip-ft	ϕM_{nx}	kip-ft	kip-ft	ϕM_{ny}
L1	155.5 - 110 (1)	TP64.606x58.6x0.375	669.11	5014.91	0.133	0.00	5014.91	0.000
L2	110 - 72.5 (2)	TP68.805x62.8x0.4375	1885.41	7129.95	0.264	0.00	7129.95	0.000
L3	72.5 - 36 (3)	TP72.748x66.8082x0.5	3366.02	9599.50	0.351	0.00	9599.50	0.000
L4	36 - 0 (4)	TP76.5x70.56x0.5	5549.28	10492.50	0.529	0.00	10492.50	0.000

Pole Shear Design Data

Section	Elevation	Size	Actual	ϕV_n	Ratio	Actual	ϕT_n	Ratio
No.			V_u		V_u	T_u		T_u
	ft		K	K	ϕV_n	kip-ft	kip-ft	ϕT_n
L1	155.5 - 110 (1)	TP64.606x58.6x0.375	25.58	1338.78	0.019	0.00	7439.68	0.000
L2	110 - 72.5 (2)	TP68.805x62.8x0.4375	37.32	1662.55	0.022	0.87	9834.25	0.000
L3	72.5 - 36 (3)	TP72.748x66.8082x0.5	44.67	2002.14	0.022	0.87	12550.25	0.000
L4	36 - 0 (4)	TP76.5x70.56x0.5	52.10	2147.42	0.024	0.87	14355.92	0.000

Pole Interaction Design Data

Section No.	Elevation	Ratio P_u	$Ratio$ M_{ux}	Ratio M_{uy}	$Ratio$ V_u	Ratio T_u	Comb. Stress	Allow. Stress	Criteria
	ft	ϕP_n	ϕM_{nx}	ϕM_{ny}	ϕV_n	ϕT_n	Ratio	Ratio	
L1	155.5 - 110 (1)	0.007	0.133	0.000	0.019	0.000	0.140	1.050	
L2	110 - 72.5 (2)	0.009	0.264	0.000	0.022	0.000	0.274	1.050	
L3	72.5 - 36 (3)	0.010	0.351	0.000	0.022	0.000	0.361	1.050	
L4	36 - 0 (4)	0.014	0.529	0.000	0.024	0.000	0.544	1.050	

Tower Engineering Professionals

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Job	HRT 107 (C) 943204 (BU 806366)	Page 19 of 19
Project	TEP No. 217470.929872	Date 11:48:16 02/16/24
Client	Crown Castle	Designed by cdcrook

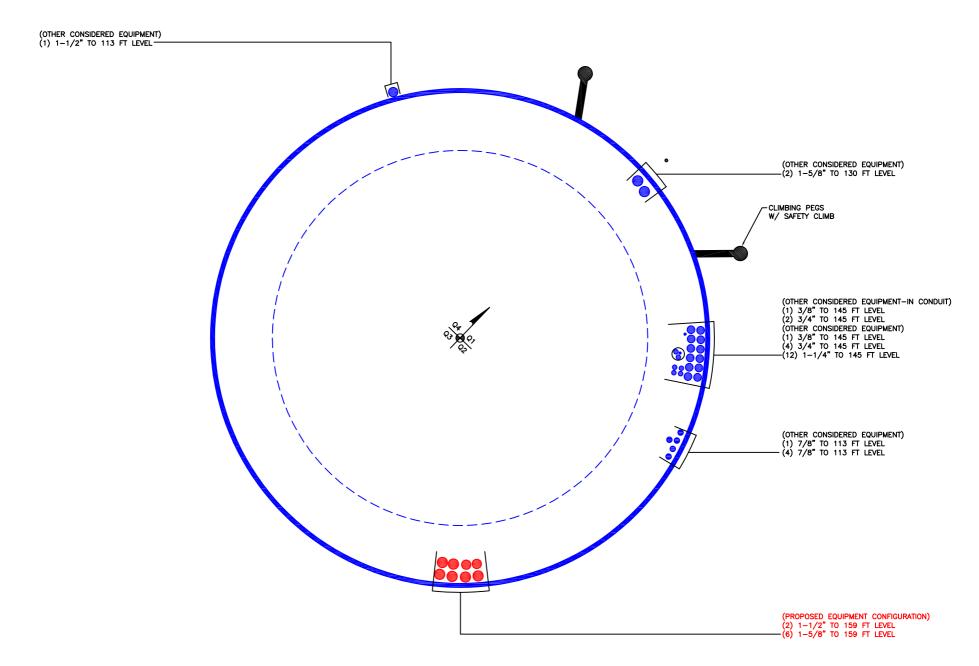
Section Capacity Table

Section No.	Elevation ft	Component Type	Size	Critical Element	P K	${^{\phi P_{allow}}_{K}}$	% Capacity	Pass Fail
L1	155.5 - 110	Pole	TP64.606x58.6x0.375	1	-25.82	4083.22	13.4	Pass
L2	110 - 72.5	Pole	TP68.805x62.8x0.4375	2	-46.53	5456.99	26.1	Pass
L3	72.5 - 36	Pole	TP72.748x66.8082x0.5	3	-67.47	6956.40	34.4	Pass
L4	36 - 0	Pole	TP76.5x70.56x0.5	4	-95.34	7106.06	51.8	Pass
							Summary	
						Pole (L4)	51.8	Pass
						RATING =	51.8	Pass

 $Program\ Version\ 8.2.2.0\ -\ 10/2/2023\ File: G:/Shared\ drives/215919\ -\ 218085/217470/P-420700_L-929872_806366_HRT\ 107(C)\ 943204_Structural\ Analysis/tnxTower/806366_2283537_LC5.eri$

APPENDIX B BASE LEVEL DRAWING





APPENDIX C ADDITIONAL CALCULATIONS



ASCE Hazards Report

Address:

No Address at This Location

Standard: ASCE/SEI 7-16

Risk Category: **□**

Soil Class: D - Default (see

Section 11.4.3)

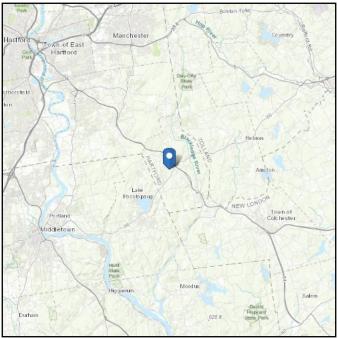
Longitude: -72.4665

41.629806

Latitude:

Elevation: 0 ft (NAVD 88)





Wind

Results:

Wind Speed 120 Vmph 130 Vmph per Jurisdiction

 10-year MRI
 75 Vmph

 25-year MRI
 84 Vmph

 50-year MRI
 92 Vmph

 100-year MRI
 99 Vmph

Data Source: ASCE/SEI 7-16, Fig. 26.5-1B and Figs. CC.2-1–CC.2-4, and Section 26.5.2

Date Accessed: Tue Feb 13 2024

Value provided is 3-second gust wind speeds at 33 ft above ground for Exposure C Category, based on linear interpolation between contours. Wind speeds are interpolated in accordance with the 7-16 Standard. Wind speeds correspond to approximately a 7% probability of exceedance in 50 years (annual exceedance probability = 0.00143, MRI = 700 years).

Site is in a hurricane-prone region as defined in ASCE/SEI 7-16 Section 26.2. Glazed openings need not be protected against wind-borne debris.

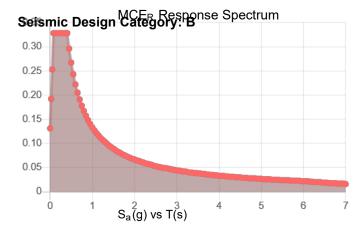


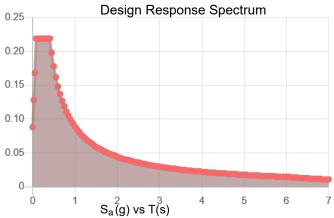
Seismic

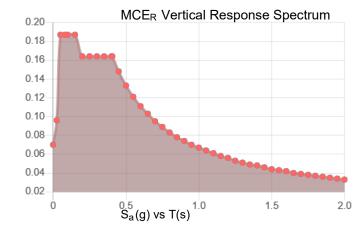
Site Soil Class: D - Default (see Section 11.4.3)

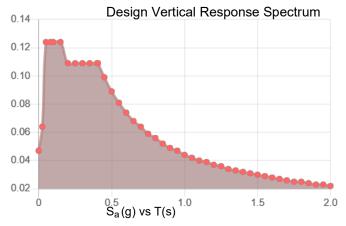
Results:

S _s :	0.205	S_{D1} :	0.089
S_1 :	0.056	T _L :	6
F _a :	1.6	PGA:	0.113
F_{ν} :	2.4	PGA _M :	0.178
S _{MS} :	0.328	F _{PGA} :	1.573
S _{M1} :	0.133	l _e :	1
S _{DS} :	0.219	C_v :	0.71









Data Accessed: Tue Feb 13 2024

Date Source:

USGS Seismic Design Maps based on ASCE/SEI 7-16 and ASCE/SEI 7-16 Table 1.5-2. Additional data for site-specific ground motion procedures in accordance with ASCE/SEI 7-16 Ch. 21 are available from USGS.



Ice

Results:

Ice Thickness: 1.00 in.

Concurrent Temperature: 15 F

Gust Speed 50 mph

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

Date Accessed: Tue Feb 13 2024

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

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

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

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

Monopole Base Plate Connection

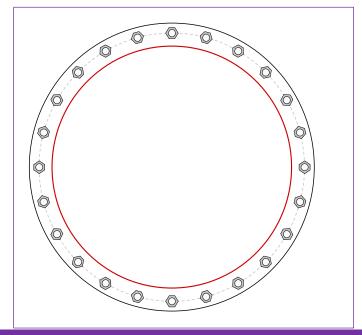


Site Info	
BU #	[‡] 806366
Site Name	HRT 107(C) 943204
Order	# 662908 Rev. 0

Analysis Considerations	
TIA-222 Revision	Н
Grout Considered:	No
I _{ar} (in)	1.25

Applied Loads	
Moment (kip-ft)	5549.00
Axial Force (kips)	95.00
Shear Force (kips)	52.00

^{*}TIA-222-H Section 15.5 Applied



Connection Properties

Anchor Rod Data

(24) 2-1/4" ø bolts (A615-75 N; Fy=75 ksi, Fu=100 ksi) on 84.75" BC

Base Plate Data

91" OD x 3.25" Plate (A633 Gr. E; Fy=60 ksi, Fu=70 ksi)

Stiffener Data

N/A

Pole Data

76.5" x 0.5" 12-sided pole (A572-65; Fy=65 ksi, Fu=80 ksi)

Analysis Results

Anchor Rod Summary		(units of kips, kip-in)
Pu_t = 126.95	φPn_t = 243.75	Stress Rating
Vu = 2.17	φVn = 149.1	49.6%
Mu = n/a	фМn = n/a	Pass

Base Plate Summary Max Stress (ksi):

iviax Stress (KSI).	13.04	(Flexural)
Allowable Stress (ksi):	54	
Stress Rating:	23.0%	Pass

13 ∩/

(Flavural)

CCIplate - Version 5.0.2 Analysis Date: 2/16/2024

Pier and Pad Foundation

BU #: 806366 Site Name: HRT 107(C) 94320 App. Number: 662908 Rev. 0



TIA-222 Revision: H
Tower Type: Monopole

Top & Bot. Pad Rein. Different?:	
Block Foundation?:	
Rectangular Pad?:	

Superstructure Analysis Reactions			
Compression, P _{comp} :	95	kips	
Base Shear, Vu_comp:	52	kips	
Moment, $\mathbf{M}_{\mathbf{u}}$:	5549	ft-kips	
Tower Height, H :	155.5	ft	
BP Dist. Above Fdn, bp _{dist} :	3.5	in	

Pier Properties		
Pier Shape:	Square	
Pier Diameter, dpier :	9	ft
Ext. Above Grade, E:	0.5	ft
Pier Rebar Size, Sc :	11	
Pier Rebar Quantity, mc:	59	
Pier Tie/Spiral Size, St:	5	
Pier Tie/Spiral Quantity, mt:	7	
Pier Reinforcement Type:	Tie	
Pier Clear Cover, cc _{pier} :	3	in

Pad Properties			
Depth, D :	7.5	ft	
Pad Width, W ₁ :	33.25	ft	
Pad Thickness, T:	4.5	ft	
Pad Rebar Size (Bottom dir. 2), Sp ₂ :	11		
Pad Rebar Quantity (Bottom dir. 2), mp ₂ :	25		
Pad Clear Cover, ccpad:	3	in	

Material Properties				
Rebar Grade, Fy:	60	ksi		
Concrete Compressive Strength, F'c:	4	ksi		
Dry Concrete Density, δ c :	150	pcf		

Soil Properties			
Total Soil Unit Weight, γ :	130	pcf	
Ultimate Gross Bearing, Qult:	21.000	ksf	
Cohesion, Cu:	0.000	ksf	
Friction Angle, $oldsymbol{arphi}$:	40	degrees	
SPT Blow Count, N _{blows} :	60		
Base Friction, μ :	0.4		
Neglected Depth, N:	4.50	ft	
Foundation Bearing on Rock?	No		
Groundwater Depth, gw:	14.5	ft	

Foundation Analysis Checks					
	Demand	Rating*	Check		
Lateral (Sliding) (kips)	610.60	52.00	8.1%	Pass	
Bearing Pressure (ksf)	15.75	2.06	12.5%	Pass	
Overturning (kip*ft)	18560.84	5980.17	32.2%	Pass	
Pier Flexure (Comp.) (kip*ft)	18525.47	5731.00	29.5% Pass		
Pier Compression (kip)	51554.88	146.03	0.3%	Pass	
Pad Flexure (kip*ft)	8427.96	2044.75	23.1%	Pass	
Pad Shear - 1-way (kips)	1850.42	224.21	11.5%	Pass	
Pad Shear - 2-way (Comp) (ksi)	0.190	0.021	10.6%	Pass	
Flexural 2-way (Comp) (kip*ft)	11161.59	3438.60	29.3%	Pass	

*Rating per TIA-222-H Section 15.5

Structural Rating*:	29.5%
Soil Rating*:	32.2%

<--Toggle between Gross and Net

EXHIBIT F

Mount Analysis Report





Colliers Engineering & Design,
Architecture, Landscape Architecture,
Surveying, CT P.C.
1055 Washington Boulevard
Stamford, CT 06901
203.324.0800
peter.albano@collierseng.com

Post-Modification Antenna Mount Analysis Report and PMI Requirements

Mount Fix

SMART Tool Project #: 10215182 Colliers Engineering & Design Project #: 21777121 (Rev. 1)

December 12, 2023

Site Information Site ID: 5000381595-VZW / MARLBOROUGH CT

Site Name: MARLBOROUGH CT
Carrier Name: Verizon Wireless
Address: 43 N Main St

Marlborough, Connecticut 06447

Hartford County

Latitude: 41.629792° Longitude: -72.466397°

<u>Structure Information</u> Tower Type: 159-Ft Monopole

Mount Type: 14.83-Ft Platform

FUZE ID # 16271973

Analysis Results

Platform: 97.3% Pass w/ Modifications*

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

***Contractor PMI Requirements:

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

Report Prepared By: Conner Hoge



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: 324301, dated September 18, 2023
Mount Mapping Report	Hudson Design Group, LLC., Site ID: 467380, dated March 25, 2021
Previous Mount Analysis	Colliers Engineering & Design, Project #: 21777121A, Rev. 2, dated November 20, 2023
Mount Modification Drawings	Colliers Engineering & Design, Project #: 21777121A, Rev. 1, dated December 12, 2023

Analysis Criteria:

Cod	les and	Standards:	ANSI/	TIA-222-H

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

Wind Parameters:	Basic Wind Spee	d (Ultimate 3-sec. Gust),	V _{ULT} : 125 mph
------------------	-----------------	---------------------------	----------------------------

Ice Wind Speed (3-sec. Gust): 50 mph Design Ice Thickness: 1.00 in Risk Category: Ш Exposure Category: В Topographic Category: 1 Topographic Feature Considered: N/A Topographic Method: N/A Ground Elevation Factor, Ke: 0.979

Seismic Parameters: Ss: 0.205 g

 S_1 : 0.056 g

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

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

Analysis Software: RISA-3D (V17)

Final Loading Configuration:

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

Mount Elevation (ft)	Equipment Elevation (ft)	Quantity	Manufacturer	Model	Status								
		3	Commscope	NHH-65B-R2B									
		3	Commscope	NHHSS-65B-R2BT4									
	159.00			3	Samsung	MT6413-77A							
		3	Samsung	RF4439d-25A	Added								
156.50		3	Samsung	RF4461d-13A									
150.50		159.00	139.00	139.00	139.00	139.00	139.00	139.00	139.00	3	Samsung	RT4423-48A	
							2	RFS	DB-B1-6C-12AB-0Z				
						2	Andrew	LNX-6514DS-A1M					
		1	Andrew	LNX-8513DS-A1M	Retained								
		3	-	OMNI									

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:

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

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

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

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

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

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

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

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

Analysis Results:

Component	Utilization %	Pass/Fail
Double Angle Standoff	67.3 %	Pass
Standoff Horizontal Bottom	97.3 %	Pass
Standoff Vertical	81.1 %	Pass
Face Plate	46.8 %	Pass
Face Horizontal	16.5 %	Pass
Mount Pipe	16.2 %	Pass
Ladder Angle	2.4 %	Pass
Face Diagonal	17.6 %	Pass
Face Vertical	6.9 %	Pass
Corner Pipe	43.5 %	Pass
Standoff Bracing	53.3 %	Pass
Threaded Rod	58.2 %	Pass
Support Rail	9.8 %	Pass
Support Rail Angle	15.4 %	Pass
Corner Plate	58.6 %	Pass
Kicker	17.0 %	Pass
Mount Connection	83.6 %	Pass

Structure Rating – (Controlling Utilization of all Components)	97.3%

Mount Connection Envelope Reactions:

0	Elev.		Е	nvelope W	/ind Reaction	ons	Envelope Wind + Ice Reactions				
Connection Description	AGL (Ft)	Node Label	Axial (Lbs)			Axial (Lbs)	Lateral (Lbs)	Moment (K-Ft)	Torsion (K-Ft)		
Sector A Front Standoff	156.5	N220	8030	9750	0.000	0.000	3952	2170	0.000	0.000	
Sector A Rear Standoff	156.5	N221	7820	10720	0.000	0.000	2912	2889	0.000	0.000	
Sector C Front Standoff	156.5	N223	8069	9673	0.000	0.000	3871	2167	0.000	0.000	
Sector C Rear Standoff	156.5	N224	7890	11077	0.000	0.000	2975	2857	0.000	0.000	
Sector B Front Standoff	156.5	N9	8144	9699	0.000	0.000	3996	2190	0.000	0.000	
Sector B Rear Standoff	156.5	N218D	7947	10657	0.000	0.000	3014	2778	0.000	0.000	

Notes:

- Axial loads act along the axis of the tower leg
- Lateral reactions act perpendicular to the tower leg
- Moment loads introduce bending moment to the tower leg
- Torsion loads introduce twisting moment to the tower leg
- Batch solutions by individual load cases are included at the end of this document

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

Ice	Mount Pipe	s Excluded	Mount Pipes Included				
Thickness (In)	Front (EPA)a (Sq. Ft.)	Side (EPA)a (Sq. Ft.)	Front (EPA)a (Sq. Ft.)	Side (EPA)a (Sq. Ft.)			
0	135.0	135.0	147.8	147.8			
0.5	165.3	165.3	183.5	183.5			
1	193.5	193.5	217.1	217.1			

Notes:

- (EPA)a values listed above may be used in the absence of more precise information
- (EPA)a values in the table above include 3 sector(s).
- Ka factors included in (EPA)a calculations

December 12, 2023 Site ID: 5000381595-VZW / MARLBOROUGH CT Page | 6

Requirements:

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

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

Attachments:

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

Mount Desktop – Post Modification Inspection (PMI) Report Requirements

Documents & Photos Required from Contractor – Mount Modification

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

MDG #: 5000381595

SMART Project #: 10215182

Fuze Project ID: 16271973

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

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

Base Requirements:

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

Photo Requirements:

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

• Photos taken at Mount Elevation

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

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

Material Certification:

- Materials utilized must be as per specification on the drawings or the equivalent as validated by the SMART Tool vendor.
 - If the materials are as specified on the drawings
 - The contractor shall provide the packing list, or the materials certifications for the materials utilized to perform the mount modification
 - Commscope, Metrosite, Perfect Vision, Sabre, and Site Pro have all agreed to support Verizon vendors with the necessary material certifications
 - If seeking permission to use an equivalent
 - It is required that the SMART Tool engineering vendor approval of such is included in the contractor submission package. There may be an additional

charge for approval if the equivalent submission doesn't meet specifications as prescribed in the drawings.
\square All hardware has been properly installed, and the existing hardware was inspected.
\Box The material utilized was as specified on the SMART Tool engineering vendor Mount Modification Drawings and included in the material certification folder is a packing list or invoice for these materials.
OR
\Box The material utilized was approved by a SMART Tool engineering vendor as an "equivalent" and this approval is included as part of the contractor submission.
Antenna & Equipment Placement and Geometry Confirmation:
\Box The contractor certifies that the photos support and the equipment on the mount is as depicted on the sketch and table included in this form and with the mount analysis provided.

\Box The contractor notes that the equipment on the mount is not in accordance with the sketch and has noted the differences below and provided photo documentation of any alterations.
Comments:
Was the mount modification completed in conjunction with the equipment change / installation?
□ Yes □ No
Special Instructions / Validation as required from the MA or Mod Drawings:
Issue:
Contractor shall install the new OVPs 12" from the tower connection on the top standoff horizontal
between alpha/beta and beta/gamma sectors.
Response:
Special Instruction Confirmation: ☐ The contractor has read and acknowledges the above special instructions.
— The contractor has read and acknowledges the above special instructions.
Comments:
Contractor certifies that the climbing facility / safety climb was not damaged prior to starting work:
□ Yes □ No
Contractor certifies no new damage created during the current installation:
□ Yes □ No
Contractor to certify the condition of the safety climb and verify no damage when leaving the site:
☐ Safety Climb in Good Condition ☐ Safety Climb Damaged
Comments:

Certifying Individual:	
our in Jung manusaran	
Company:	
Employee Name:	
Contact Phone:	
Email:	
Date:	

Structure: 3 1 9 -VZW - MARLBOROUGH CT

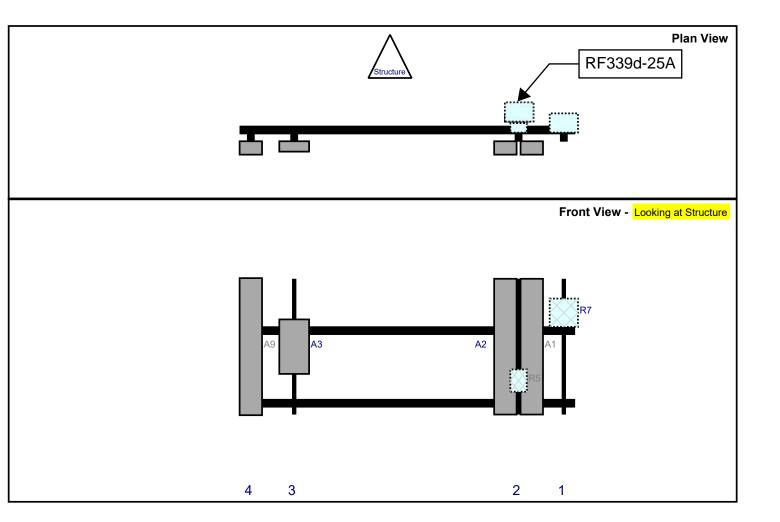
Sector: A

Structure Type: Monopole 10215182

Mount Elev: 156.50 Page: 1



12/11/2023



		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
R7	RF4461d-13A	15	15	172	1	а	Behind	18	0	Added	
A1	NHH-65B-R2B	72	11.9	148	2	а	Front	36	7	Added	
A2	NHHSS-65B-R2BT4	72	11.9	148	2	а	Front	36	-7	Added	
R5	RT4423-48A	11.8	8.7	148	2	а	Behind	54	0	Added	
A3	MT6413-77A	28.9	15.8	29	3	а	Front	36	0	Added	
A9	LNX-8513DS-A1M	72.7	11.9	6	4	а	Front	36	0	Retained	03/25/2021
M132A	DB-B1-6C-12AB-0Z	28.9	15.7		Memb	er				Added	
M148B	RF4439d-25A	15	15		Memb	er				Added	
M176A	RF4439d-25A	15	15		Memb	er				Added	
M162A	RF4439d-25A	15	15		Memb	er				Added	
M1	DB-B1-6C-12AB-0Z	28.9	15.7		Memb	er				Added	
M198	OMNI	118.1	3		Memb	er				Retained	03/25/2021
M201	OMNI	118.1	3		Memb	er				Retained	03/25/2021
M204	OMNI	118.1	3		Memb	er				Retained	03/25/2021

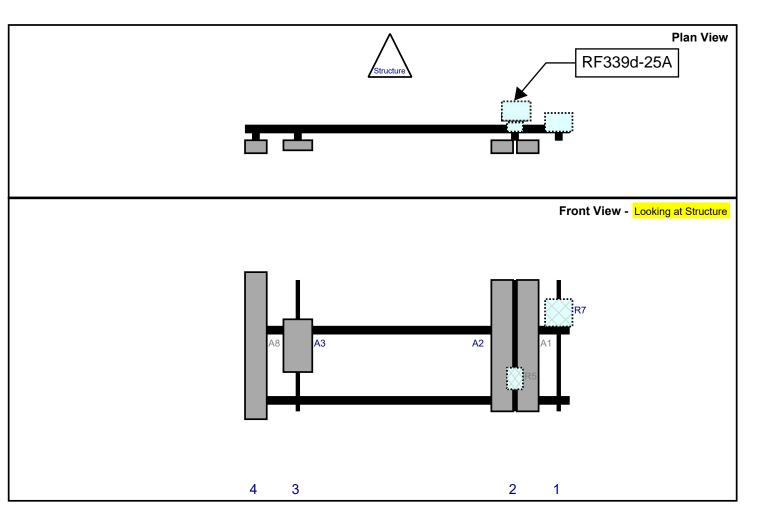
Structure: 3 1 9 -VZW - MARLBOROUGH CT

Sector: **B** 12/11/2023

Structure Type: Monopole 10215182

Mount Elev: 156.50 Page: 2





		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
R7	RF4461d-13A	15	15	172	1	а	Behind	18	0	Added	
A1	NHH-65B-R2B	72	11.9	148	2	а	Front	36	7	Added	
A2	NHHSS-65B-R2BT4	72	11.9	148	2	а	Front	36	-7	Added	
R5	RT4423-48A	11.8	8.7	148	2	а	Behind	54	0	Added	
A3	MT6413-77A	28.9	15.8	29	3	а	Front	36	0	Added	
A8	LNX-6514DS-A1M	80.6	11.9	6	4	а	Front	36	0	Retained	03/25/2021

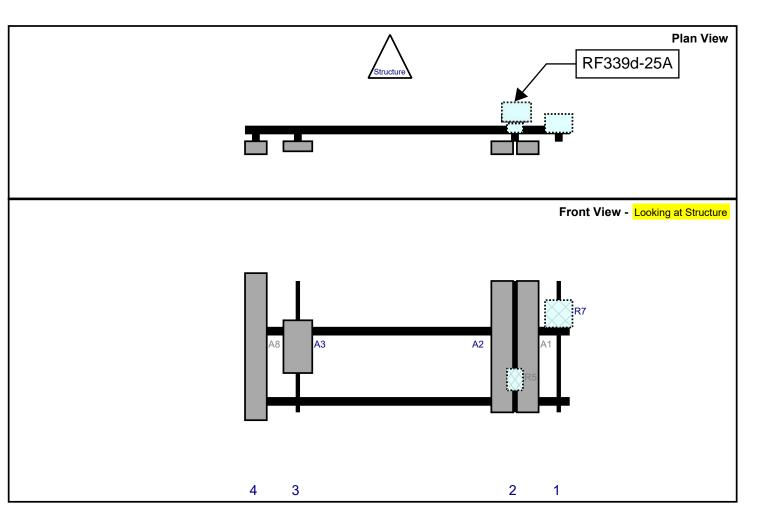
Structure: 3 1 9 -VZW - MARLBOROUGH CT

Sector: **C** 12/11/2023

Structure Type: Monopole 10215182

Mount Elev: 156.50 Page: 3





		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
R7	RF4461d-13A	15	15	172	1	а	Behind	18	0	Added	
A1	NHH-65B-R2B	72	11.9	148	2	а	Front	36	7	Added	
A2	NHHSS-65B-R2BT4	72	11.9	148	2	а	Front	36	-7	Added	
R5	RT4423-48A	11.8	8.7	148	2	а	Behind	54	0	Added	
A3	MT6413-77A	28.9	15.8	29	3	а	Front	36	0	Added	
A8	LNX-6514DS-A1M	80.6	11.9	6	4	а	Front	36	0	Retained	03/25/2021



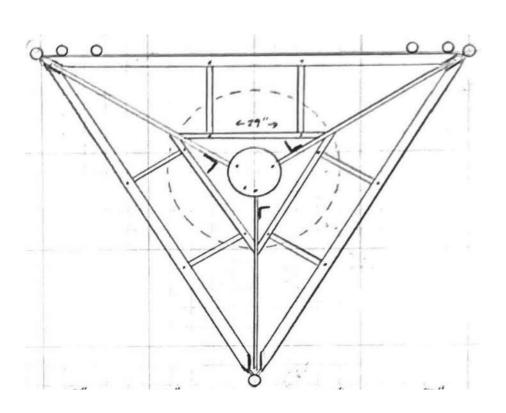


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FCC# **Antenna Mount Mapping Form (PATENT PENDING)** Tower Owner: CROWN CASTLE Mapping Date: 3/25/2021 Monopole Site Name: MARLBOROUGH CT Tower Type: 156 Site Number or ID: 467380 Tower Height (Ft.): HUDSON DESIGN GROUP, LLC. 158.25 Mapping Contractor: Mount Elevation (Ft.):

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

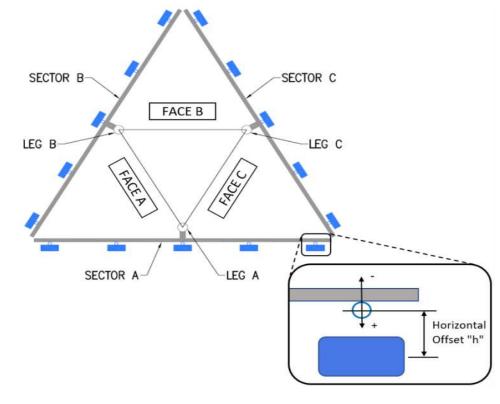


		Mount Pip	e Configurat	tion and G	eometries [Unit = Inches]		
Sector / Position	Mount Pipe Size & Length	Vertical Offset Dimension "u"	Horizontal Offset "C1, C2, C3, etc."	Sector / Position	Mount Pipe Size & Length	Vertical Offset Dimension "u"	Horizontal Offset "C1, C2, C3, etc."
A1	2" STD. PIPE X 72" LONG	72.00	6.00	C1	2" STD. PIPE X 72" LONG	72.00	6.00
A2	2" STD. PIPE X 72" LONG	66.00	30.00	C2	2" STD. PIPE X 72" LONG	66.00	30.00
A3	2" STD. PIPE X 72" LONG	66.00	149.00	C3	2" STD. PIPE X 72" LONG	66.00	149.00
A4	2" STD. PIPE X 72" LONG	72.00	172.00	C4	2" STD. PIPE X 72" LONG	72.00	172.00
A5				C5			
A6				C6			
B1	2" STD. PIPE X 72" LONG	72.00	6.00	D1			
B2	2" STD. PIPE X 72" LONG	66.00	30.00	D2			
В3	2" STD. PIPE X 72" LONG	66.00	149.00	D3			
B4	2" STD. PIPE X 72" LONG	72.00	172.00	D4			
B5				D5			
В6				D6			
	Distance between bottom ra	I and moun	t CL elevati	on (dim d). Unit is inches. See 'Mount Elev Ref' tab fo	or details. :	27.00
	Distance from t	op of botto	m support r	ail to lowe	est tip of ant./egpt. of Carrier above. (N/A	if > 10 ft.) :	

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

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

Please enter additional infomation or comments below.



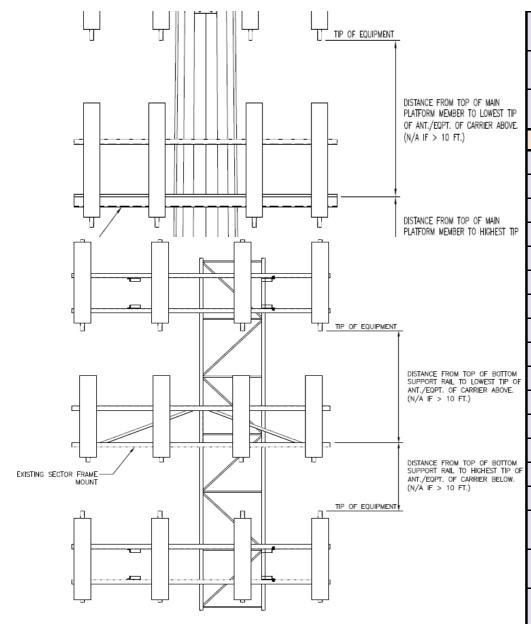
ower Face Width at Mount Elev. (ft.):	Tower Leg Size or Pole Shaft Diameter at Mount Elev. (in.):	
		4

		Enter antenn	ed, enter "	Mountin [Units are incl		Photos of antennas					
	Ants. Items	Antenna Models if Known	Width (in.)	Depth (in.)	Height (in.)	Coax Size and Qty	Antenna Center- line (Ft.)	Vertical Distances"b _{1a} , b _{2a} , b _{3a} , b _{1b} " (Inches)	Horiz. Offset "h" (Use "-" if Ant. is behind)	Antenna Azimuth (Degrees)	Photo Numbers
ĺ						,					
	Ant _{1a}										
	Ant _{1b}	SBNHH-1D65B	12.00	7.50	73.00		159.083	35.00	9.00	10.00	46,69
	Ant _{1c}										
	Ant _{2a}	B4 RRH2X60	11.00	5.50	36.00		158.5	36.00	-16.00		50,69
	Ant _{2b}	LNX-6514DS-A1M	12.00	7.50	73.00		158.5	36.00	8.00	10.00	47,69
	Ant _{2c}										
	Ant _{3a}	B66a RRH 4X45	12.00	7.00	20.50		158.333	38.00	-11.00		51,71
-	Ant _{3b}	SBNHH-1D65B	12.00	7.50	73.00		158.917	31.00	9.00	10.00	48,71
	Ant _{3c}										
	Ant _{4a}										
	Ant _{4b}	LNX-6514DS-A1M	12.00	7.50	73.00		159.083	35.00	8.00	10.00	49,71
	Ant _{4c}										
-	Ant _{5a}										
	Ant _{5b}										
	Ant _{5c}										
	Ant on	OMNI	3.00		120.00						72
	Standoff	Civilai	3.00		120.00						72
	Ant on Standoff										
	Ant on										
	Tower										
	Ant on										
	Tower										
	۸۰۰۰					Sector E	 				
	Ant _{1a}	CDAULU AD CED	42.00	7.00	72.00		450.000	25.00	0.00	450.00	46.70
		SBNHH-1D65B	12.00	7.00	73.00		159.083	35.00	9.00	150.00	46,73
	Ant _{1c}	DA DDUOYGO	42.53	7.00	26.60		4505	25.05	45.53		F0.70
	Ant _{2a}	B4 RRH2X60	12.00	7.00	26.00		158.5	36.00	-16.00	450.00	50,73
	Ant _{2b}	LNX-6514DS-A1M	12.00	7.00	73.00		158.5	36.00	8.00	150.00	47,73
	Ant ₂						I				

01	Antia D	Ant2a T B	Ant3a Ant3a	Ant4a A LS	
d d	Antıb 🙎	Antzb 🚊	Ant₃ь 😝	Ant46	Ants _b
) 10	p _{2c}) p _{3c}	94 <u>+</u>	D 250	_
	<u>, </u>		<u>, </u>	<u>, </u>	-11
<u>C1</u>	Ant1c C2	Ant2c - 3	Antac	Ant4c	Antsc
	-	C4 (C5		

Antenna Layout (Looking Out From Tower)									
Mou	nt Azimuth (I for Each Sect	_	e)	Tower Leg Azimuth (Degree) for Each Sector					
Sector A:	40.00	Deg	Leg A:		Deg				
Sector B:	160.00	Deg	Leg B:		Deg				
Sector C:	280.00	Deg	Leg C:		Deg				
Sector D:		Deg	Leg D:		Deg				
		Climb	ing Fac	ility Information					
Location:	35.00	Deg		N/A					
Cli la i	Corrosio	n Typ	e:	Good condition.					
Climbing Facility	Acc	ess:		Climbing path was unobstructe	d.				
raciiity	Cond	ition:		Good condition.					
		1		DISTANCE FROM TO PLATFORM MEMBER OF ANT./CQPT. OF	TO LOWEST TIP				

		Sector B												
	Ant _{1a}													
	Ant _{1b}	SBNHH-1D65B	12.00	7.00	73.00		159.083	35.00	9.00	150.00	46,73			
	Ant _{1c}													
	Ant _{2a}	B4 RRH2X60	12.00	7.00	26.00		158.5	36.00	-16.00		50,73			
	Ant _{2b}	LNX-6514DS-A1M	12.00	7.00	73.00		158.5	36.00	8.00	150.00	47,73			
	Ant _{2c}													
	Ant _{3a}	B66a RRH 4X45	12.00	7.00	37.00		158.333	38.00	-11.00		51,74			
	Ant _{3b}	SBNHH-1D65B	12.00	7.00	73.00		158.917	31.00	9.00	150.00	48,74			
	Ant _{3c}													
	Ant _{4a}													
	Ant _{4b}	LNX-6514DS-A1M	12.00	7.00	73.00		159.083	35.00	8.00	150.00	48,74			
	Ant _{4c}													
	Ant _{5a}													
	Ant _{5b}													
	Ant _{5c}													
IN EST TIP ABOVE.	Ant on Standoff	RRFDC-3315-PF-48	15.00	10.00	28.00						64-67			



Ant on	OMNI	3.00		120.00						75	
Standoff Ant on											
Tower											
Ant on											
Tower											
	Sector C										
Ant _{1a}											
Ant _{1b}	SBNHH-1D65B	12.00	7.00	73.00		159.083	35.00	9.00	250.00	46,76	
Ant _{1c}						_					
Ant _{2a}	B4 RRH2X60	12.00	7.00	26.00		158.5	36.00	-16.00		50,76	
Ant _{2b}	LNX-6514DS-A1M	12.00	7.00	73.00		158.5	36.00	8.00	250.00	47,76	
Ant _{2c}											
Ant _{3a}	B66a RRH 4X45	12.00	7.00	37.00		158.333	38.00	-11.00		51,77	
Ant _{3b}	SBNHH-1D65B	12.00	7.00	73.00		158.917	31.00	9.00	250.00	48,77	
Ant _{3c}											
Ant _{4a}											
Ant _{4b}	LNX-6514DS-A1M	12.00	7.00	73.00		159.083	35.00	8.00	250.00	48,77	
Ant _{4c}											
Ant _{5a}											
Ant _{5b}											
Ant _{5c}											
Ant on Standoff	RRFDC-3315-PF-48	15.00	10.00	28.00						64-67	
Ant on	OMNI	3.00		120.00						78	
Standoff	OIVINI	3.00		120.00						76	
Ant on Tower											
Ant on											
Tower											
					Sector D)		_			
Ant _{1a}											
Ant _{1b}											
Ant _{1c}											
Ant _{2a}											
Ant _{2b}											
Ant _{2c}											
Ant _{3a}											
Ant _{3b}											
Ant _{3c}											
Ant _{4a}											
Ant _{4b}											
Ant _{4c}											
Ant _{5a}											
Ant _{5b}											
Ant _{5c}											
Ant on											
Standoff Ant on											
Standoff											
Ant on											
Tower											
Ant on											

	Observed Safety and Structural Issues During the Mount Mapping								
Issue #	Description of Issue	Photo #							
1									
2	(12) 1-5/8"Ø COAX, (2) 1-1/4" HYBRID	32,67							
3	(3) DEAD OMNI ON CORNER PIPES								
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.)

Tower

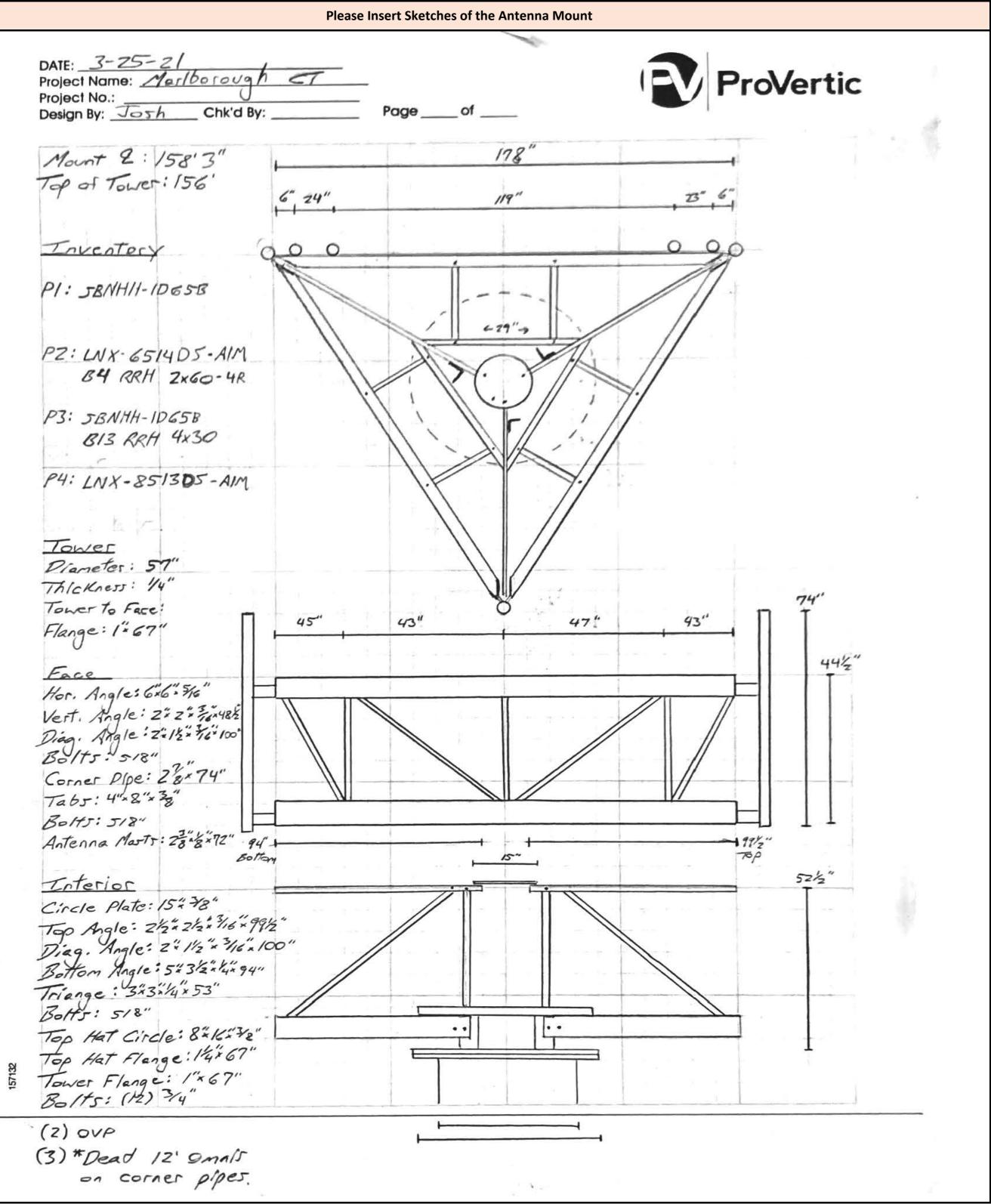
- 2. If the thickness of the existing pipes or tubing can't be obtained from a general tool (such as Caliper), please use an ultrasonic measurement tool (thickness gauge) to measure the thickness.
- 3. Please create all required detail sketches of the mounts and insert them into the "Sketches" tab.
-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

Standard Conditions



Antenna Mount Mapping Form (PATENT PENDING)								
Fower Owner: CROWN CASTLE Mapping Date: 3/25/2021								
Site Name:	Tower Type:	Mono	pole					
Site Number or ID:	467380	Tower Height (Ft.):	15	56				
Mapping Contractor:	HUDSON DESIGN GROUP, LLC.	Mount Elevation (Ft.):	158	.25				

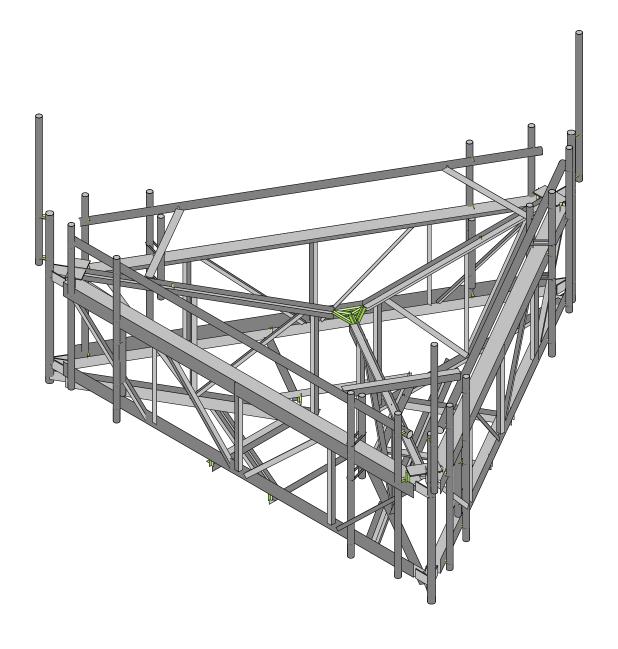
This antenna mapping form is the property of TES and under PATENT PENDING. The formation contained herein is considered confidential in nature and is to be used only for the specific customer it was intended for. Reproduction, transmission, publication, modification or disclosure by any method is prohibited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



Please Insert Sketches of the Antenna Mount, cont'd 2-7/8"0 PIPE X 74" LONG (TYP.) 15"0 X 3/8" THK.-W/ 5/8"0 BOLTS 3"X3"X1/4" THK. X 53" LONG. (TYP.) 46" × 6" × 3/8" (TYP.)-OVP MOUNTING DETAIL--3"x3"x1/4" THK. (TYP.) 42-1/2" × 2-1/2" × 3/16"-(TYP.) CORNER MOUNTING TABS-4"x8"x3/16" W/ 1/2"0 BOLTS (TYP.) 2"-6" NOTE: NO CLIMBING LADDER ONLY RRH MOUNTING DETAIL SAFETY CLIMB CABLE RRH MOUNTING DETAIL-3"X3"X1/4" THK.-CLATFORM MOUNTING X 53" LONG. (ONLY 1) 2-7/8""Ø PIPE X 65" LONG (TYP.) -2-7/8²⁰0 PIPE X 74" LONG (TYP.) -1" UNISTRUT X 54" LONG (TYP.) -1/2"Ø U-BOLT (TYP.) 4"X8"X3/8" TABS (TYP.) $- \angle 2 - 1/2$ "X2-1/2"X3/16"" THK. (TYP.) $3'-9\frac{1}{2}$ " $\oint \frac{\text{Q OF MOUNT}}{\text{ELEV.}} = 158' - 3" \pm \text{A.G.L.}$ 36 - 26 - 27 APEX MOUNT PPE OVP MOUNTING DETAIL

Please Insert Sketches of the Antenna Mount, cont'd -2-3/8"Ø PIPE X 72" LONG (TYP.) -2"Ø STD. PIPE X 96" LONG (TYP.) -2"Ø STD. PIPE X 30" LONG (TYP.) -∠6"X6"X 5/16" THK. (TYP.) -∠6"X6"X3/8" X 5/16" THK. (TYP.) -1/2"Ø U-BOLT (TYP.) -1/2"Ø U-BOLT (TYP.) 3'-91" 3'-91" $\frac{\text{@ OF MOUNT}}{\text{ELEV.} = 158' - 3" \pm A.G.L}$ $\frac{\text{© OF MOUNT}}{\text{ELEV.}} = 158' - 3" \pm \text{A.G.L.}$ -PIPE TO PIPE CLAMP (TYP.) -PIPE TO PIPE CLAMP (TYP.) -2"Ø STD. PIPE X 30" LONG (TYP.) RRH MOUNTING DETAIL PRH MOUNTING DETAIL ∠6" X 6" X 3/8" THK.— (2) 5/8"Ø BOLTS-(3) 5/8"Ø BOLTS-STANDOFF CONNECTION 8" X 8" X 3/8"— TOP PLATE CONNECTION 15"Ø X 3/8" THK.—



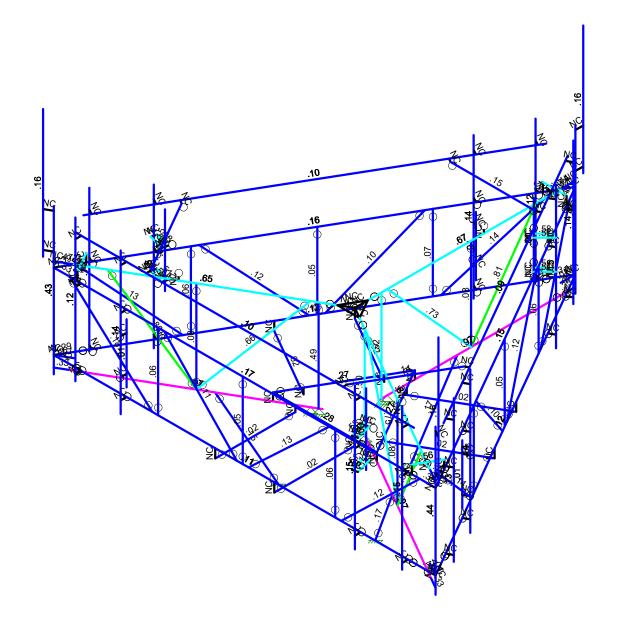


Envelope Only Solution

	SK - 1
	Dec 11, 2023 at 9:12 AM
	Mod_5000381595-VZW_MT_LO





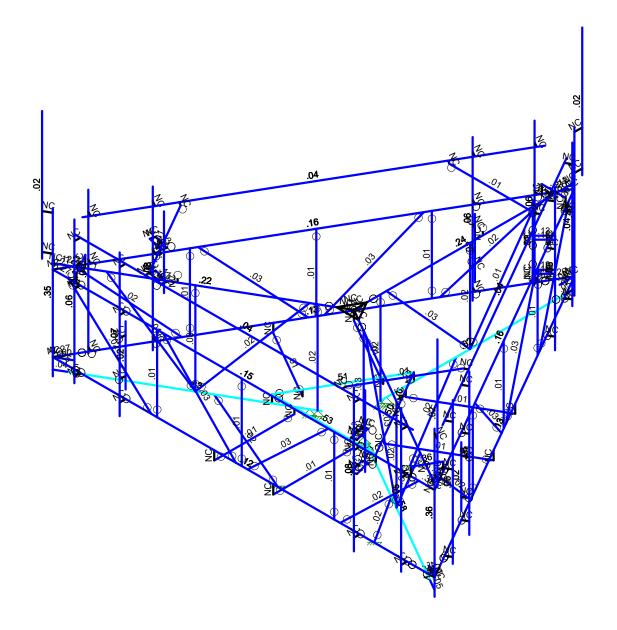


Member Code Checks Displayed (Enveloped) Envelope Only Solution

	SK - 2
	Dec 11, 2023 at 9:12 AM
	Mod_5000381595-VZW_MT_LO







Member Shear Checks Displayed (Enveloped) Envelope Only Solution

	SK - 3
	Dec 11, 2023 at 9:12 AM
	Mod_5000381595-VZW_MT_LO



Basic Load Cases

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed	Area(Me	Surface(P
1	Antenna D	None					114			
2	Antenna Di	None					114			
3	Antenna Wo (0 Deg)	None					114			
4	Antenna Wo (30 Deg)	None					114			
5	Antenna Wo (60 Deg)	None					114			
6	Antenna Wo (90 Deg)	None					114			
7	Antenna Wo (120 Deg)	None					114			
8	Antenna Wo (150 Deg)	None					114			
9	Antenna Wo (180 Deg)	None					114			
10	Antenna Wo (210 Deg)	None					114			
11	Antenna Wo (240 Deg)	None					114			
12	Antenna Wo (270 Deg)	None					114			
13	Antenna Wo (300 Deg)	None					114			
14	Antenna Wo (330 Deg)	None					114			
15	Antenna Wi (0 Deg)	None					114			
16	Antenna Wi (30 Deg)	None					114			
17	Antenna Wi (60 Deg)	None					114			
18	Antenna Wi (90 Deg)	None					114			
19	Antenna Wi (120 Deg) Antenna Wi (150 Deg)	None					114			
20		None					114			
21	Antenna Wi (180 Deg)	None					114			
22	Antenna Wi (210 Deg)	None					114			
23	Antenna Wi (240 Deg)	None					114			
24	Antenna Wi (270 Deg)	None					114			
25	Antenna Wi (300 Deg)	None					114			
26	Antenna Wi (330 Deg)	None					114			
27	Antenna Wm (0 Deg)	None					114			
28	Antenna Wm (30 Deg)	None					114			
29	Antenna Wm (60 Deg)	None					114			
30	Antenna Wm (90 Deg) Antenna Wm (120 Deg)	None					114			
31		None					114			
32	Antenna Wm (150 Deg)	None					114			
33	Antenna Wm (180 Deg)	None					114			
34	Antenna Wm (210 Deg) Antenna Wm (240 Deg)	None					114			
	Antenna Wm (270 Deg)	None					114			
	Antenna Wm (300 Deg)	None					114			
37	Antenna Wm (330 Deg)	None					114			
38		None		-1			114		2	
39 40	Structure D Structure Di	None		-1				100	3	
	Structure Wo (0 Deg)	None None						123	3	
41	Structure Wo (30 Deg)	None None						246 246		
42	Structure Wo (60 Deg)	None						246		
44	Structure Wo (90 Deg)	None						246		
45	Structure Wo (120 D	None						246		
46	Structure Wo (150 D	None						246		
47	Structure Wo (180 D									
48	Structure Wo (210 D	None None						246 246		
49	Structure Wo (240 D	None						246		
50	Structure Wo (270 D	None						246		
51	Structure Wo (300 D							246		
52	Structure Wo (330 D	None None						246		
53	Structure Wi (0 Deg)	None						246		
54	Structure Wi (30 Deg)	None						246		
55	Structure Wi (60 Deg)	None						246		
56	Structure Wi (90 Deg)							246		
00	Chactare vvi (90 Deg)	None						240		



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						246	,	'
58	Structure Wi (150 De	None						246		
59	Structure Wi (180 De	None						246		
60	Structure Wi (210 De	None						246		
61	Structure Wi (240 De	None						246		
62	Structure Wi (270 De	None						246		
63	Structure Wi (300 De	None						246		
64	Structure Wi (330 De	None						246		
65	Structure Wm (0 Deg)	None						246		
66	Structure Wm (30 De	None						246		
67	Structure Wm (60 De	None						246		
68	Structure Wm (90 De	None						246		
69	Structure Wm (120 D	None						246		
70	Structure Wm (150 D	None						246		
71	Structure Wm (180 D	None						246		
72	Structure Wm (210 D	None						246		
73	Structure Wm (240 D	None						246		
74	Structure Wm (270 D	None						246		
75	Structure Wm (300 D	None						246		
76	Structure Wm (330 D	None						246		
77	Lm1	None					1			
78	Lm2	None					1			
79	Lv1	None					1			
80	Lv2	None					1			
81	Antenna Ev	None					114			
82	Antenna Eh (0 Deg)	None					76			
83	Antenna Eh (90 Deg)	None					76			
84	Structure Ev	ELY		044					3	
85	Structure Eh (0 Deg)	ELZ			109				3	
86	Structure Eh (90 Deg)	ELX	.109						3	
87	BLC 39 Transient Are	None						36		
88	BLC 40 Transient Are	None						36		
89	BLC 84 Transient Are	None						36		
90	BLC 85 Transient Are	None						36		
91	BLC 86 Transient Are	None						36		

Load Combinations

	Description	SoPD	elta S	BLC	Fac.	.BLCI	Fac	BLC	Fac														
1	1.2D+1.0Wo (0 Deg)	Yes \	/	1	1.2	39	1.2	3	1	41	1												
2	1.2D+1.0Wo (30 Deg)	Yes \	/	1	1.2	39	1.2	4	1	42	1												
3	1.2D+1.0Wo (60 Deg)	Yes \	1	1	1.2	39	1.2	5	1	43	1												
4	1.2D+1.0Wo (90 Deg)	Yes \	1	1	1.2	39	1.2	6	1	44	1												
5	1.2D+1.0Wo (120 Deg)	Yes \	1	1	1.2	39	1.2	7	1	45	1												
6	1.2D+1.0Wo (150 Deg)		1	1	1.2	39	1.2	8	1	46	1												
7	1.2D+1.0Wo (180 Deg)		1	1	1.2	39	1.2	9	1	47	1												
8	1.2D+1.0Wo (210 Deg)		1	1	1.2	39	1.2	10	1	48	1												
9	1.2D+1.0Wo (240 Deg)	Yes \	/	1	1.2	39	1.2	11	1	49	1												
10	1.2D+1.0Wo (270 Deg)		/	1	1.2	39	1.2	12	1	50	1												
11	1.2D+1.0Wo (300 Deg)		1	1	1.2	39	1.2	13	1	51	1												
12	1.2D+1.0Wo (330 Deg)	Yes \	1	1	1.2	39	1.2	14	1	52	1												
13	1.2D + 1.0Di + 1.0Wi (Yes \	/	1	1.2	39	1.2	2	1	40	1	15	1	53	1								
14	1.2D + 1.0Di + 1.0Wi (Yes \	/	1	1.2	39	1.2	2	1	40	1	16	1	54	1								
15	1.2D + 1.0Di + 1.0Wi (Yes \	/	1	1.2	39	1.2	2	1	40	1	17	1	55	1								
16	1.2D + 1.0Di + 1.0Wi (Yes \	/	1	1.2	39	1.2	2	1	40	1	18	1	56	1								
17	1.2D + 1.0Di + 1.0Wi (Yes \	/	1	1.2	39	1.2	2	1	40	1	19	1	57	1								

Load Combinations (Continued)

Description So. PDelta S BLCFac. BL	BEOT GO.	.DEGT do	7BEOT 40
19 1.2D + 1.0Di + 1.0Wi (Yes Y 1 1.2 39 1.2 2 1 40 1 21 1 59 1 20 1.2D + 1.0Di + 1.0Wi (Yes Y 1 1.2 39 1.2 2 1 40 1 22 1 60 1 21 1.2D + 1.0Di + 1.0Wi (Yes Y 1 1.2 39 1.2 2 1 40 1 23 1 61 1			
20 1.2D + 1.0Di + 1.0Wi (Yes Y 1 1.2 39 1.2 2 1 40 1 22 1 60 1 21 1.2D + 1.0Di + 1.0Wi (Yes Y 1 1.2 39 1.2 2 1 40 1 23 1 61 1			
21 1.2D + 1.0Di + 1.0Wi (Yes Y 1 1.2 39 1.2 2 1 40 1 23 1 61 1			
ZZ 1.2D 1.0D1 1.0W1 (1e3 1 1.2 39 1.2 Z 40	l I		
23 1.2D + 1.0Di + 1.0Wi (Yes Y 1 1.2 39 1.2 2 1 40 1 25 1 63 1			
21 112 00 112 2 1 10 1 20 1 01 1			
			+
26 1.2D + 1.5Lm1 + 1.0W. Yes Y 1 1.2 39 1.2 77 1.5 28 1 66 1			
27 1.2D + 1.5Lm1 + 1.0W Yes Y			
28 1.2D + 1.5Lm1 + 1.0W Yes Y 1 1.2 39 1.2 77 1.5 30 1 68 1			
29 1.2D + 1.5Lm1 + 1.0W Yes Y 1 1.2 39 1.2 77 1.5 31 1 69 1			
30 1.2D + 1.5Lm1 + 1.0W Yes Y 1 1.2 39 1.2 77 1.5 32 1 70 1			
31 1.2D + 1.5Lm1 + 1.0W Yes Y 1 1.2 39 1.2 77 1.5 33 1 71 1			+
32 1.2D + 1.5Lm1 + 1.0W Yes Y 1 1.2 39 1.2 77 1.5 34 1 72 1			
33 1.2D + 1.5Lm1 + 1.0W Yes Y 1 1.2 39 1.2 77 1.5 35 1 73 1			
34 1.2D + 1.5Lm1 + 1.0W Yes Y 1 1.2 39 1.2 77 1.5 36 1 74 1			
35 1.2D + 1.5Lm1 + 1.0W Yes Y 1 1.2 39 1.2 77 1.5 37 1 75 1			\perp
36 1.2D + 1.5Lm1 + 1.0W Yes Y 1 1.2 39 1.2 77 1.5 38 1 76 1			
37 1.2D + 1.5Lm2 + 1.0W Yes Y 1 1.2 39 1.2 78 1.5 27 1 65 1			\perp
38 1.2D + 1.5Lm2 + 1.0W Yes Y 1 1.2 39 1.2 78 1.5 28 1 66 1			
39 1.2D + 1.5Lm2 + 1.0W Yes Y 1 1.2 39 1.2 78 1.5 29 1 67 1			\bot
40 1.2D + 1.5Lm2 + 1.0W Yes Y 1 1.2 39 1.2 78 1.5 30 1 68 1			
41 1.2D + 1.5Lm2 + 1.0W Yes Y 1 1.2 39 1.2 78 1.5 31 1 69 1			\perp
42 1.2D + 1.5Lm2 + 1.0W Yes Y 1 1.2 39 1.2 78 1.5 32 1 70 1			
43 1.2D + 1.5Lm2 + 1.0W Yes Y 1 1.2 39 1.2 78 1.5 33 1 71 1			
44 1.2D + 1.5Lm2 + 1.0W Yes Y 1 1.2 39 1.2 78 1.5 34 1 72 1			
45 1.2D + 1.5Lm2 + 1.0W Yes Y 1 1.2 39 1.2 78 1.5 35 1 73 1			
46 1.2D + 1.5Lm2 + 1.0W Yes Y 1 1.2 39 1.2 78 1.5 36 1 74 1			
47 1.2D + 1.5Lm2 + 1.0W Yes Y 1 1.2 39 1.2 78 1.5 37 1 75 1			
48 1.2D + 1.5Lm2 + 1.0W Yes Y 1 1.2 39 1.2 78 1.5 38 1 76 1			
49 1.2D + 1.5Lv1 Yes Y 1 1.2 39 1.2 79 1.5			
50 1.2D + 1.5Lv2 Yes Y 1 1.2 39 1.2 80 1.5			
51 1.4D Yes Y 1 1.4 39 1.4			
02 1 12 00 112 01 1 1 02 1 00 1	ELX		
53 1.2D + 1.0Ev + 1.0Eh Yes Y 1 1.2 39 1.2 81 1 ELY 1 82 .866 83 .5 ELZ .866			
	ELX .866		
1 112 00 112 01 1 1 02 00 1	ELX 1		
	ELX .866	i	
57 1.2D + 1.0Ev + 1.0Eh Yes Y 1 1.2 39 1.2 81 1 ELY 1 82 .866 83 .5 ELZ .866			
58 1.2D + 1.0Ev + 1.0Eh Yes Y 1 1.2 39 1.2 81 1 ELY 1 82 -1 83 ELZ -1			
59 1.2D + 1.0Ev + 1.0Eh Yes Y 1 1.2 39 1.2 81 1 ELY 1 82 .866 83 5 ELZ .866			
60 1.2D + 1.0Ev + 1.0Eh Yes Y 1 1.2 39 1.2 81 1 ELY 1 82 5 83 .866 ELZ 5		8	
	ELX -1		
62 1.2D + 1.0Ev + 1.0Eh Yes Y 1 1.2 39 1.2 81 1 ELY 1 82 .5 83 .866 ELZ .5			
63 1.2D + 1.0Ev + 1.0Eh Yes Y 1 1.2 39 1.2 81 1 ELY 1 82 .866 83 5 ELZ .866	ELX5		
	ELX		
65 0.9D - 1.0Ev + 1.0Eh (Yes Y 1 .9 39 .9 81 -1 ELY -1 82 .866 83 .5 ELZ .866			
66 0.9D - 1.0Ev + 1.0Eh (Yes Y 1 .9 39 .9 81 -1 ELY -1 82 .5 83 .866 ELZ .5	ELX .866		
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ELX 1		
68 0.9D - 1.0Ev + 1.0Eh (Yes Y 1 .9 39 .9 81 -1 ELY -1 82 5 83 .866 ELZ 5			
69 0.9D - 1.0Ev + 1.0Eh (Yes Y 1 .9 39 .9 81 -1 ELY -1 82 .866 83 .5 ELZ .866			
70 0.9D - 1.0Ev + 1.0Eh (Yes Y 1 .9 39 .9 81 -1 ELY -1 82 -1 83 ELZ -1			
71 0.9D - 1.0Ev + 1.0Eh (Yes Y 1 .9 39 .9 81 -1 ELY -1 82 .866 83 5 ELZ .866			
72 0.9D - 1.0Ev + 1.0Eh (Yes Y 1 .9 39 .9 81 -1 ELY -1 82 5 83 .866 ELZ 5		6	
	ELX -1		
74 0.9D - 1.0Ev + 1.0Eh (Yes Y 1 .9 39 .9 81 -1 ELY -1 82 .5 83 .866 ELZ .5	ELX866	6	

Load Combinations (Continued)

 Description
 So..PDelta S... BLCFac..BL

Joint Coordinates and Temperatures

• • • • • • • • • • • • • • • • • • • •	t Coordinates and Tem	00.00.00				
	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap
1	<u>N1</u>	0	0.041667	-0.270833	0	
2	N2	-0.	0.041667	-1.270833	0	
3	N3	-0.	0.041667	-9.104167	0	
4	N4	-0.	3.9375	-0.8125	0	
5	N7	-0.	3.9375	-1.395833	0	
6	N8	-0.	3.9375	-1.645833	0	
7	N9	-0.	0.041667	-1.395833	0	
8	N46	-7.416665	.5	4.395833	0	
9	N47	-7.416665	3.708333	4.395833	0	
10	N50	7.974651	.5	4.395833	0	
11	N54	7.416665	.5	4.395833	0	
12	N55	7.416665	3.708333	4.395833	0	
13	N98A	6.916665	.5	4.395833	0	
14	N99A	6.916665	3.708333	4.395833	0	
15	N106	6.916665	.5	4.645833	0	
16	N107	6.916665	3.708333		0	
17	N114	6.916665	6.25	4.645833	0	
				4.645833		
18	N118	6.916665	.25	4.645833	0	
19	N228	-1.25	.125	1.	0	
20	N229	1.25	.125	1.	0	
21	N229A	-1.25	.125	4.395833	0	
22	N230	1.25	.125	4.395833	0	
23	N231	-1.25	.5	4.395833	0	
24	N232	1.25	.5	4.395833	0	
25	N239	0	3.9375	-0.270833	0	
26	N164A	3.833332	.5	4.395833	0	
27	N165A	4.083332	.5	4.395833	0	
28	N166A	3.833332	3.708333	4.395833	0	
29	N159A	3.583332	3.708333	4.395833	0	
30	N160A	0.166665	.5	4.395833	0	
31	N159B	-0.083335	.5	4.395833	0	
32	N160B	-0.083335	3.708333	4.395833	0	
33	N161A	-0.333335	.5	4.395833	0	
34	N162A	-3.416668	3.708333	4.395833	0	
35	N163A	-3.666668	3.708333	4.395833	0	
36	N164B	-3.666668	.5	4.395833	0	
37	N165B	-3.916668	.5	4.395833	0	
38	N172A	-0.	.5	-9.604167	0	
39	N174A	-7.974651	.5	4.395833	0	
40	N171A	-7.974031 -0.	0.041667	-9.604167	0	
41	N171A N172B		-0.208333	-9.604167 -9.604167		
42	N172B N173B	-0. -0.	5.958333	-9.604167 -9.604167	0 0	
43	N171B	7.974651	3.708333	4.395833	0	
44	N173C	-7.974651	3.708333	4.395833	0	
45	N175B	-0.	3.708333	-9.604167	0	
46	N171C	7.749784	.5	3.818854	0	
47	N172C	0.054127	.5	-9.510417	0	
48	N173A	0.333119	.5	-9.027187	0	
49	N174B	8.028777	.5	4.302083	0	
50	N178A	-0.333119	.5	-9.027187	0	
51	N179A	-8.028777	.5	4.302083	0	

	Coordinates and Teni		_			
	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap
52	N180A	-7.749784	.5	3.818854	0	
53	N181A	-0.054127	.5	-9.510417	0	
54	N177B	-8.082904	.5	4.395833	0	
55	N181B	8.082904	.5	4.395833	0	
56	N178B	-0.	.5	-9.484417	0	
57	N179B	-0.	.5	-8.984417	0	
58	N178C	-0.	3.9375	-9.604167	0	
59	N179C	-0.	3.9375	-9.484417	0	
60	N180B	-0.	3.9375	-8.984417	0	
61	N182A	-8.082904	3.708333	4.395833	0	
62	N183A	8.082904	3.708333	4.395833	0	
63	N183B	7.749784	3.708333	3.818854	0	
64	N184A	0.333119	3.708333	-9.027187	0	
65	N185A	0.054127	3.708333	-9.510417	0	
66	N186A	8.028777	3.708333	4.302083	0	
67		-0.333119				
	N190A		3.708333	-9.027187	0	
68	N191A	-7.749784	3.708333	3.818854		
69	N192A	-8.028777	3.708333	4.302083	0	
70	N193A	-0.054127	3.708333	-9.510417	0	
71	N190B	-0.866025	0.041667	0.229167	0	
72	N191B	-7.649891	0.041667	4.145833	0	
73	N192B	-0.469097	3.9375	0.	0	
74	N193B	-1.082532	3.9375	0.354167	0	
75	N194A	-1.190785	3.9375	0.416667	0	
76	N195A	-1.082532	0.041667	0.354167	0	
77	N198A	-8.082904	0.041667	4.395833	0	
78	N201A	-7.979197	.5	4.335958	0	
79	N202A	-7.546185	.5	4.085958	0	
80	N203A	-8.082904	3.9375	4.395833	0	
81	N204A	-7.979197	3.9375	4.335958	0	
82	N205A	-7.546185	3.9375	4.085958	0	
83	N206A	0.866025	0.041667	0.229167	0	
84	N207A	7.649891	0.041667	4.145833	0	
85	N208A	0.469097	3.9375	-0.	0	
86	N209A	1.082532	3.9375	0.354167	0	
87	N210A	1.190785	3.9375	0.416667	0	
88	N211A	1.082532	0.041667	0.354167	0	
89	N211A N214B	8.082904	0.041667	4.395833	0	
90	N214B N217A	7.979197	.5	4.335958	0	
91		7.546185	.5			
	N218A			4.085958	0	
92	N219A	8.082904	3.9375	4.395833	0	
93	N220A	7.979197	3.9375	4.335958	0	
94	N221A	7.546185	3.9375	4.085958	0	
95	N215A	-8.082904	-0.208333	4.395833	0	
96	N216A	-8.082904	5.958333	4.395833	0	
97	N218B	8.082904	-0.208333	4.395833	0	
98	N219B	8.082904	5.958333	4.395833	0	
99	N218C	-1.25	.375	1.	0	
100	N219C	1.25	.375	1.	0	
101	N220B	-2.201148	.375	1.	0	
102	N221B	2.201148	.375	1.	0	
103	N220C	-2.201148	0.041667	1.	0	
104	N221C	2.201148	0.041667	1.	0	
105	N223A	1.725574	.125	0.176282	0	
106	N224A	0.475574	.125	-1.988782	0	
107	N225A	4.666452	.125	-1.521635	0	
108	N226A	3.416452	.125	-3.686698	0	
	IILLUM	5.110 TOZ	.120	0.000000		



Joint	Coordinates and Ten	nperatures (Col	ntinuea)			
	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap
109	N227A	4.666452	.5	-1.521635	0	
110	N228B	3.416452	.5	-3.686698	0	
111	N229B	1.725574	.375	0.176282	0	
112	N230A	0.475574	.375	-1.988782	0	
113	N232A	-0.	.375	-2.8125	0	
114	N234A	-0.	0.041667	-2.8125	0	
115	N236	-0.475574	.125	-1.988782	0	
116	N237	-1.725574	.125	0.176282	0	
117	N238	-3.416452	.125	-3.686698	0	
118	N239A	-4.666452	.125	-1.521635	0	
119	N240	-3.416452	.5	-3.686698	0	
120	N240 N241	-4.666452	.5 .5	-1.521635	0	
121	N242	-0.475574	.375	-1.988782	0	
122	N243	-1.725574	.375	0.176282	0	
123	N243A	2.124786	.5	-5.923929	0	
124	N244	1.999786	.5	-6.140436	0	
125	N245	2.124786	3.708333	-5.923929	0	
126	N246	2.249786	3.708333	-5.707423	0	
127	N247	3.958119	.5	-2.748503	0	
128	N248	4.083119	.5	-2.531996	0	
129	N249	4.083119	3.708333	-2.531996	0	
130	N250	4.208119	.5	-2.31549	0	
131	N251	5.749786	3.708333	0.354755	0	
132	N252	5.874786	3.708333	0.571261	0	
133	N253	5.874786	.5	0.571261	0	
134	N254	5.999786	.5	0.787768	0	
135	N258	-5.958118	.5	0.715596	0	
136	N259	-6.083118	.5	0.932102	0	
137	N260	-5.958118	3.708333	0.715596	0	
138	N261	-5.833118	3.708333	0.49909	0	
139	N262	-4.124784	.5	-2.459831	0	
140	N263	-3.999784	.5	-2.676337	0	
141	N264	-3.999784	3.708333	-2.676337	0	
142	N265	-3.874784	.5	-2.892843	0	
143	N266	-2.333118	3.708333	-5.563088	0	
144	N267	-2.208118	3.708333	-5.779595	0	
145	N268	-2.208118	.5	-5.779595	0	
146	N269	-2.083118	.5	-5.996101	0	
147	N151	4.916665	.5	4.395833	0	
148	N152	4.916665	3.708333	4.395833	0	
149	N153	4.916665	.5	4.645833	0	
150	N154	4.916665	3.708333	4.645833	0	
151	N155	4.916665	6	4.645833	0	
152	N156	4.916665	0	4.645833	0	
153	N157	-5.000002	.5	4.395833	0	
154	N158	-5.000002	3.708333	4.395833	0	
155	N159	-5.000002	.5	4.645833	0	
156	N160	-5.000002	3.708333	4.645833	0	
157	N161	-5.000002	6	4.645833	0	
158	N162	-5.000002	0	4.645833	0	
159	N163	-6.916668	.5	4.395833	0	
160	N164	-6.916668	3.708333	4.395833	0	
161	N165	-6.916668	.5	4.645833	0	
162	N166	-6.916668	3.708333	4.645833	0	
163	N167	-6.916668	6.25	4.645833	0	
164	N168	-6.916668	.25	4.645833	0	
165	N170	0.583119	.5	-8.594174	0	
100	INTIO	1 0.000118		-0.034174		



Joint	<u>Coordinates and Ter</u>	nperatures (Co	ntinuea)			
	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap
166	N171	0.583119	3.708333	-8.594174	0	
167	N172	0.799626	.5	-8.719174	0	
168	N173	0.799626	3.708333	-8.719174	Ö	
169	N174	0.799626	6.25	-8.719174	0	
170	N175	0.799626	.25	-8.719174	0	
171	N176	1.583119	.5	-6.862123	0	
172	N177	1.583119	3.708333	-6.862123	0	
173						
173	N178	1.799626 1.799626	.5 3.708333	-6.987123	0	
	N179			-6.987123		
175	N180	1.799626	6	-6.987123	0	
176	N181	1.799626	0	-6.987123	0	
177	N182	6.541453	.5	1.725962	0	
178	N183	6.541453	3.708333	1.725962	0	
179	N184	6.757959	.5	1.600962	0	
180	N185	6.757959	3.708333	1.600962	0	
181	N186	6.757959	6	1.600962	0	
182	N187	6.757959	0	1.600962	0	
183	N188	7.499786	.5	3.385844	0	
184	N189	7.499786	3.708333	3.385844	0	
185	N190	7.716292	.5	3.260844	0	
186	N191	7.716292	3.708333	3.260844	0	
187	N192	7.716292	6.25	3.260844	0	
188	N193	7.716292	.25	3.260844	0	
189	N195	-7.499784	.5	3.385841	0	
190	N196	-7.499784	3.708333	3.385841	0	
191	N197	-7.716291	.5	3.260841	0	
192	N198	-7.716291	3.708333	3.260841	0	
193	N199	-7.716291	6.25	3.260841	0	
194	N200	-7.716291	.25	3.260841	0	
195	N201	-6.499784	.5	1.65379	0	
196	N201		3.708333		0	
		-6.499784		1.65379		
197	N203	-6.716291	.5	1.52879	0	
198	N204	-6.716291	3.708333	1.52879	0	
199	N205	-6.716291	6	1.52879	0	
200	N206	-6.716291	0	1.52879	0	
201	N207	-1.541451	.5	-6.934295	0	
202	N208	-1.541451	3.708333	-6.934295	0	
203	N209	-1.757957	.5	-7.059295	0	
204	N210	-1.757957	3.708333	-7.059295	0	
205	N211	-1.757957	6	-7.059295	0	
206	N212	-1.757957	0	-7.059295	0	
207	N213	-0.583118	.5	-8.594177	0	
208	N214	-0.583118	3.708333	-8.594177	0	
209	N215	-0.799624	.5	-8.719177	0	
210	N216	-0.799624	3.708333	-8.719177	0	
211	N217	-0.799624	6.25	-8.719177	0	
212	N218	-0.799624	.25	-8.719177	0	
213	N218D	-0.	0.041667	-1.645833	0	
214	N220	-0.974279	0.041667	0.291667	0	
215	N221	-1.190785	0.041667	0.416667	0	
216	N223	0.974279	0.041667	0.291667	0	
217	N224	1.190785	0.041667	0.416667	0	
218	N223B	4.916665	4.125	4.645833	0	
219	N224B	5.017282	4.125	4.618873	0	
220	N225	4.816048	4.125	4.672794	0	
221	N225 N226	4.844736	4.125	3.974922	0	
222	N227	4.643502	4.125	4.028843	0	

224 N228A	001110	Coordinates and Tem	peratures (00	mmaca,			
224		Label			Z [ft]	Temp [F]	Detach From Diap
226							
226							
227							
228							
229							
230							
18			4.844736				
232							
1.25869							
1873883							
1,254,564							
236							
237							
238							
239							
240				5.5			
241							
242							
243							
244 N252A 1.401878 2.875 -6.442062 0 245 N253A 1.328221 2.875 -6.515719 0 246 N257 -6.716291 4.125 1.52879 0 247 N258A -6.743251 4.125 1.629407 0 248 N259A -6.68933 4.125 1.609407 0 249 N260A -6.099301 4.125 1.801953 0 250 N261A -6.04538 4.125 1.600719 0 251 N262A -6.07234 4.125 1.701336 0 252 N263A -6.07234 2.5 1.701336 0 253 N264B -6.07234 2.5 1.701336 0 254 N265A -6.716291 2.875 1.52879 0 255 N266A -6.743251 2.875 1.629407 0 255 N266A -6.743251 2.875 1.629407 0							
245 N253A 1.328221 2.875 -6.515719 0 246 N257 -6.716291 4.125 1.52879 0 247 N258A -6.743251 4.125 1.629407 0 248 N259A -6.68933 4.125 1.428173 0 249 N260A -6.09301 4.125 1.801953 0 250 N261A -6.04538 4.125 1.801953 0 251 N262A -6.07234 4.125 1.701336 0 252 N263A -6.07234 5.5 1.701336 0 253 N264B -6.07234 2.5 1.701336 0 254 N265A -6.716291 2.875 1.52879 0 255 N266A -6.743251 2.875 1.52879 0 255 N266A -6.743251 2.875 1.52879 0 256 N267A -6.68933 2.875 1.804907 0 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>							
246							
247 N258A -6.743251 4.125 1.629407 0 248 N259A -6.68933 4.125 1.428173 0 249 N260A -6.099301 4.125 1.801953 0 250 N261A -6.04538 4.125 1.600719 0 251 N262A -6.07234 4.125 1.701336 0 252 N263A -6.07234 5.5 1.701336 0 253 N264B -6.07234 2.5 1.701336 0 254 N265A -6.716291 2.875 1.52879 0 255 N266A -6.743251 2.875 1.629407 0 256 N267A -6.68933 2.875 1.428173 0 257 N268A -6.099301 2.875 1.801953 0 258 N269A -6.04538 2.875 1.801953 0 259 N270 -6.07234 2.875 1.501933 0							
248 N259A -6.68933 4.125 1.428173 0 249 N260A -6.099301 4.125 1.801953 0 250 N261A -6.04538 4.125 1.600719 0 251 N262A -6.07234 4.125 1.701336 0 252 N263A -6.07234 5.5 1.701336 0 253 N264B -6.07234 2.5 1.701336 0 254 N265A -6.716291 2.875 1.52879 0 255 N266A -6.743251 2.875 1.629407 0 256 N266A -6.743251 2.875 1.629407 0 257 N268A -6.099301 2.875 1.801953 0 257 N268A -6.04538 2.875 1.801953 0 258 N269A -6.04538 2.875 1.701336 0 259 N270 -6.07234 2.875 1.701336 0							
249 N260A -6.099301 4.125 1.801953 0 250 N261A -6.04538 4.125 1.600719 0 251 N262A -6.07234 4.125 1.701336 0 252 N263A -6.07234 5.5 1.701336 0 253 N264B -6.07234 2.5 1.701336 0 254 N265A -6.716291 2.875 1.52879 0 255 N266A -6.743251 2.875 1.629407 0 256 N267A -6.68933 2.875 1.428173 0 257 N268A -6.09301 2.875 1.801953 0 258 N269A -6.04538 2.875 1.600719 0 259 N270 -6.07234 2.875 1.701336 0 260 N265C -5.000002 2.104167 4.395833 0 261 N268B -5.000002 3.354167 4.395833 0 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>							
250							
251							
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278 N285 -1.757957 1.354167 -7.059295 0							
	279	N284A	-0.	4.291667	-9.604167	0	

COMIC C	oordinates and re					
	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap
280	N285A	-0.	5.791667	-9.604167	0	
281	N286	-0.	4.291667	-9.9375	0	
282	N287	-0.	5.791667	-9.9375	0	
283	N288	-0.	4.041667	-9.9375	0	
284	N289	-0.	9.458333	-9.9375	0	
285	N291	-8.082904	4.291667	4.395833	0	
286	N292	-8.082904	5.791667	4.395833	0	
287	N293	-8.371579	4.291667	4.5625	0	
288	N294	-8.371579	5.791667	4.5625	0	
289	N295	-8.371579	4.041667	4.5625	0	
290	N296	-8.371579	9.458333	4.5625	0	
291	N298	8.082904	4.291667	4.395833	0	
292	N299	8.082904	5.791667	4.395833	0	
293	N300	8.371579	4.291667	4.5625	0	
294	N301	8.371579	5.791667	4.5625	0	
295	N302	8.371579	4.041667	4.5625	0	
296	N303	8.371579	9.458333	4.5625	0	
297	N302A	6.916665	5.458333	4.395833	0	
298	N303A	6.916665	5.458333	4.645833	0	
299	N304	4.916665	5.458333	4.395833	0	
300	N305	4.916665	5.458333	4.645833	0	
301	N306	-5.000002	5.458333	4.395833	0	
302	N307				0	
		-5.000002	5.458333	4.645833 4.395833		
303	N308	-6.916668	5.458333		0	
304	N309	<u>-6.916668</u>	5.458333	4.645833	0	
305	N310	-7.166668	5.458333	4.395833	0	
306	N311	7.166665	5.458333	4.395833	0	
307	N313	0.583119	5.458333	-8.594174	0	
308	N314	0.799626	5.458333	-8.719174	0	
309	N315	1.583119	5.458333	-6.862123	0	
310	N316	1.799626	5.458333	-6.987123	0	
311	N317	6.541453	5.458333	1.725962	0	
312	N318	6.757959	5.458333	1.600962	0	
313	N319	7.499786	5.458333	3.385844	0	
314	N320	7.716292	5.458333	3.260844	0	
315	N321	7.624786	5.458333	3.60235	0	
316	N322	0.458119	5.458333	-8.810681	0	
317	N324	-7.499784	5.458333	3.385841	0	
318	N325	-7.716291	5.458333	3.260841	0	
319	N326	-6.499784	5.458333	1.65379	0	
320	N327	-6.716291	5.458333	1.52879	0	
321	N328	-1.541451	5.458333	-6.934295	0	
322	N329	-1.757957	5.458333	-7.059295	0	
323	N330	-0.583118	5.458333	-8.594177	0	
324	N331	-0.799624	5.458333	-8.719177	0	
325	N332	-0.458118	5.458333	-8.810683	0	
326	N333	-7.624784	5.458333	3.602347	0	
327	N332A	-4.166668	5.458333	4.395833	0	
328	N333A	4.166665	5.458333	4.395833	0	
329	N334	-4.166668	5.458333	4.229167	0	
330	N335	4.166665	5.458333	4.229167	0	
331	N337	6.124786	5.458333	1.004274	0	
332	N338	1.958119	5.458333	-6.212604	0	
333	N339	5.980448	5.458333	1.087607	0	
334	N340	1.813782	5.458333	-6.129271	0	
335	N342	-1.958118	5.458333	-6.212607	0	
336	N343	-6.124784	5.458333	1.004271	0	
330	INUHU	-0.124704	J. 4 J0JJJ	1.004271	U	

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diap
337	N344	-1.81378	5.458333	-6.129274	Ó	·
338	N345	-5.980447	5.458333	1.087604	0	
339	N344A	-0.	3.9375	-8.734417	0	
340	N345A	-0.	4.0625	-8.734417	0	
341	N348	-0.50215	3.708333	-8.734417	0	
342	N349	0.50215	3.708333	-8.734417	0	
343	N350	-0.50215	4.0625	-8.734417	0	
344	N351	0.50215	4.0625	-8.734417	0	
345	N351A	-7.329678	3.9375	3.960958	0	
346	N352	-7.329678	4.0625	3.960958	0	
347	N353	-7.078603	3.708333	4.395833	0	
348	N354	-7.580753	3.708333	3.526083	0	
349	N355	-7.078603	4.0625	4.395833	0	
350	N356	-7.580753	4.0625	3.526083	0	
351	N358	7.329678	3.9375	3.960958	0	
352	N359	7.329678	4.0625	3.960958	0	
353	N360	7.580753	3.708333	3.526083	0	
354	N361	7.078603	3.708333	4.395833	0	
355	N362	7.580753	4.0625	3.526083	0	
356	N363	7.078603	4.0625	4.395833	0	
357	N364	-0.	0.041667	-5.1875	0	
358	N365	-0.	3.9375	-7.941437	0	
359	N366	-0.	3.9375	-5.1875	0	
360	N365A	-0.	4.0625	-5.734417	0	
361	N370	-0.	3.708333	-5.734417	0	
362	N371	-0.	3.9375	-5.734417	0	
363	N373	-4.731602	4.0625	2.460958	0	
364	N377	4.731602	4.0625	2.460958	0	
365	N379A	-4.731602	3.9375	2.460958	0	
366	N382	4.731602	3.9375	2.460958	0	
367	N383A	-0.974279	3.9375	0.291667	0	
368	N387	0.974279	3.9375	0.291667	0	
369	N385	-0.	0.041667	-4.604167	0	
370	N386	0	-2.958333	-0.270833	0	
371	N387A	-0.	-2.958333	-2.645833	0	
372	N389	-3.752777	0.041667	1.895833	0	
373	N391	-2.05681	-2.958333	0.916667	0	
374	N393	3.752777	0.041667	1.895833	0	
375	N395	2.05681	-2.958333	0.916667	0	
376	N394	-4.257958	0.041667	2.1875	0	
377	N395A	-6.642938	3.9375	3.564469	0	
378	N396	-4.257958	3.9375	2.1875	0	
379	N399	4.257958	0.041667	2.1875	0	
380	N400	6.642938	3.9375	3.564469	0	
381	N401	4.257958	3.9375	2.1875	0	

Hot Rolled Steel Section Sets

	Label	Shape	Type	Design List	Material	Design	A [in2]	lyy [in4]	Izz [in4]	J [in4]
1	Mount Pipe	PIPE 2.0	Column	Pipe	A53 Gr. B	Typical	1.02	.627	.627	1.25
2	Standoff Horizontal Bo	L5X3.5X4	Beam	Single Angle	A36 Gr.36	Typical	2.07	2.2	5.36	.046
3	Standoff Vertical	L2x2x3	Column	Single Angle	A36 Gr.36	Typical	.722	.271	.271	.009
4	Standoff Diagonal	L2x1.5x3	VBrace	Wide Flange	A36 Gr.36	Typical	.621	.12	.248	.007
5	Corner Pipe	PIPE 2.5	Column	Pipe	A53 Gr. B	Typical	1.61	1.45	1.45	2.89
6	Standoff Horizontal Top	L2.5x2.5x3	Beam	Single Angle	A36 Gr.36	Typical	.901	.535	.535	.011
7	Face Horizontal	L6X6X6	Beam	RECT	A36 Gr.36	Typical	4.38	15.4	15.4	.218

Hot Rolled Steel Section Sets (Continued)

	Label	Shape	Type	Design List	Material	Design	A [in2]	lyy [in4]	Izz [in4]	J [in4]
8	Face Diagonal	L2x1.5x3	Beam	RECT	A36 Gr.36	Typical	.621	.12	.248	.007
9	Face Vertical	L2x2x3	Column	Single Angle	A36 Gr.36	Typical	.722	.271	.271	.009
10	Face Plate	PL3/8x4	Beam	RECT	A36 Gr.36	Typical	1.5	.018	2	.066
11	Threaded Rod	SR 0.5	Beam	BAR	A36 Gr.36	Typical	.196	.003	.003	.006
12	Standoff Bracing	L3X3X4	Beam	Single Angle	A36 Gr.36	Typical	1.44	1.23	1.23	.031
13	Ladder Angle	L3X3X4	Beam	Single Angle	A36 Gr.36	Typical	1.44	1.23	1.23	.031
14	MOD Support Rail	PIPE 2.5	Beam	Pipe	A53 Gr. B	Typical	1.61	1.45	1.45	2.89
15	MOD Support Rail An	L3X3X4	Beam	Single Angle	A36 Gr.36	Typical	1.44	1.23	1.23	.031
16	MOD Corner Plate	PL3/8x6	Beam	RECT	A36 Gr.36	Typical	2.25	.026	6.75	.101
17	MOD Kicker	LL3x3x3x3	Beam	Double Angle	A36 Gr.36	Typical	2.18	4.09	1.9	.027
18	MOD Double Angle St	LL2.5x2.5x3x3	Beam	Double Angle	A36 Gr.36	Typical	1.8	2.46	1.07	.023

Hot Rolled Steel Properties

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

Member Primary Data

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
1	M1	N180B	N4		90	MOD Double	Beam	Double Angle (A36 Gr.36	Typical
2	M2	N3	N2		180	Standoff Horiz	Beam	Single Angle	A36 Gr.36	Typical
3	M3	N7	N9			Standoff Vertical	Column	Single Angle	A36 Gr.36	Typical
4	M6	N3	N171A			Face Plate	Beam	RECT	A36 Gr.36	Typical
5	M27	N174A	N46			Face Plate	Beam	RECT	A36 Gr.36	Typical
6	M33	N50	N54			Face Plate	Beam	RECT	A36 Gr.36	Typical
7	M34	N55	N47		90	Face Horizontal	Beam	RECT	A36 Gr.36	Typical
8	M35	N46	N54		270	Face Horizontal	Beam	RECT	A36 Gr.36	Typical
9	M61	N99A	N107			RIGID	None	None	RIGID	Typical
10	M62	N98A	N106			RIGID	None	None	RIGID	Typical
11	MP1A	N114	N118			Mount Pipe	Column	Pipe	A53 Gr. B	Typical
12	M145	N231	N229A			RIGID	None	None	RIGID	Typical
13	M146	N232	N230			RIGID	None	None	RIGID	Typical
14	M147	N228	N229A		90	Ladder Angle	Beam	Single Angle	A36 Gr.36	Typical
15	M148	N229	N230		180	Ladder Angle	Beam	Single Angle	A36 Gr.36	Typical
16	M155	N4	N239			RIGID	None	None	RIGID	Typical
17	M103A	N55	N165A		90	Face Diagonal	Beam	RECT	A36 Gr.36	Typical
18	M104A	N166A	N164A			Face Vertical		Single Angle	A36 Gr.36	Typical
19	M101A	N160A	N159A		180	Face Diagonal	Beam	RECT	A36 Gr.36	Typical
20	M101B	N159B	N160B		270	Face Vertical	Column	Single Angle	A36 Gr.36	Typical
21	M102A	N161A	N162A		90	Face Diagonal	Beam	RECT	A36 Gr.36	Typical
22	M103B	N164B	N163A		180	Face Vertical	Column	Single Angle	A36 Gr.36	Typical
23	M104B	N47	N165B		180	Face Diagonal	Beam	RECT	A36 Gr.36	Typical
24	M110B	N173B	N172B			Corner Pipe	Column	Pipe	A53 Gr. B	Typical
25	M109B	N173C	N47			Face Plate	Beam	RECT	A36 Gr.36	Typical
26	M110C	N171B	N55			Face Plate	Beam	RECT	A36 Gr.36	Typical
27	M108A	N174B	N171C			Face Plate	Beam	RECT	A36 Gr.36	Typical
28	M109A	N172C	N173A			Face Plate	Beam	RECT	A36 Gr.36	Typical
29	M111A	N172C	N172A			RIGID	None	None	RIGID	Typical
30	M112A	N181A	N178A			Face Plate	Beam	RECT	A36 Gr.36	Typical
31	M113A	N179A	N180A			Face Plate	Beam	RECT	A36 Gr.36	Typical

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	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Туре	Design List	Material	Design Rules
32	M114A	N181A	N172A			RIGID	None	None	RIGID	Typical
33	M112B	N179A	N177B			RIGID	None	None	RIGID	Typical
34	M113B	N174A	N177B			RIGID	None	None	RIGID	Typical
35	M114B	N50	N181B			RIGID	None	None	RIGID	Typical
36	M115A	N174B	N181B			RIGID	None	None	RIGID	Typical
37	M116A	N171C	N173A		270	Face Horizontal	Beam	RECT	A36 Gr.36	Typical
38	M117B	N178A	N180A		270	Face Horizontal		RECT	A36 Gr.36	Typical
39	M118A	N179B	N178B			Face Plate	Beam	RECT	A36 Gr.36	Typical
40	M118B	N172A	N178B			RIGID	None	None	RIGID	Typical
41	M118C	N180B	N179C			Face Plate	Beam	RECT	A36 Gr.36	Typical
42	M119A	N178C	N179C			RIGID	None	None	RIGID	Typical
43	M120A	N173C	N182A			RIGID	None	None	RIGID	Typical
44	M121A	N171B	N183A			RIGID	None	None	RIGID	Typical
45	M122A	N184A	N183B		90	Face Horizontal		RECT	A36 Gr.36	Typical
46	M123A	N186A	N183B			Face Plate	Beam	RECT	A36 Gr.36	Typical
47	M124A	N185A	N184A			Face Plate	Beam	RECT	A36 Gr.36	Typical
48	M125A	N186A	N183A			RIGID	None	None	RIGID	Typical
49	M126A	N185A	N175B			RIGID	None	None	RIGID	Typical
50	M127A	N191A	N190A		90	Face Horizontal		RECT	A36 Gr.36	Typical
51	M128A	N193A	N190A			Face Plate	Beam	RECT	A36 Gr.36	Typical
52	M129A	N192A	N191A			Face Plate	Beam	RECT	A36 Gr.36	Typical
53	M130A	N193A	N175B			RIGID	None	None	RIGID	Typical
54	M131A	N192A	N182A			RIGID	None	None	RIGID	Typical
55	M132A	N205A	N192B		90	MOD Double		Double Angle (Typical
56	M133A	N191B	N190B		180	Standoff Horiz	Beam	Single Angle		Typical
57	M136B	N191B	N198A		100	Face Plate	Beam	RECT	A36 Gr.36	Typical
58	M137	N192B	N239			RIGID	None	None	RIGID	Typical
59	M140A	N202A	N201A			Face Plate	Beam	RECT	A36 Gr.36	Typical
60	M141A	N177B	N201A			RIGID	None	None	RIGID	Typical
61	M142A	N205A	N204A			Face Plate	Beam	RECT	A36 Gr.36	Typical
62	M143A	N203A	N204A			RIGID	None	None	RIGID	Typical
63	M144A	N221A	N208A		90	MOD Double	Beam	Double Angle (Typical
64	M145B	N207A	N206A		180	Standoff Horiz	Beam	Single Angle		Typical
65	M148A	N207A	N214B		100	Face Plate	Beam	RECT	A36 Gr.36	Typical
66	M149A	N208A	N239			RIGID	None	None	RIGID	Typical
67	M152	N218A	N217A			Face Plate	Beam	RECT	A36 Gr.36	Typical
68	M153	N181B	N217A			RIGID	None	None	RIGID	Typical
69	M154	N221A	N220A			Face Plate	Beam	RECT	A36 Gr.36	Typical
70	M155A	N219A	N220A			RIGID	None	None	RIGID	Typical
71	M152A	N216A	N215A			Corner Pipe			A53 Gr. B	
72	M153A	N219B	N218B			Corner Pipe			A53 Gr. B	
73	M154A	N228	N218C			RIGID	None	None	RIGID	Typical
74	M155B	N229	N219C			RIGID	None	None	RIGID	Typical
75	M156	N220B	N221B			Standoff Braci	Beam	Single Angle	A36 Gr.36	Typical
76	M156A	N220B	N220C			RIGID	None	None	RIGID	Typical
77	M157	N221B	N221C			RIGID	None	None	RIGID	Typical
78	M158	N227A	N225A			RIGID	None	None	RIGID	Typical
79	M159	N228B	N226A			RIGID	None	None	RIGID	Typical
80	M160	N223A	N225A		90	Ladder Angle		Single Angle	A36 Gr.36	Typical
81	M161	N224A	N226A		180	Ladder Angle		Single Angle	A36 Gr.36	Typical
82	M162	N223A	N229B			RIGID	None	None	RIGID	Typical
83	M163	N224A	N230A			RIGID	None	None	RIGID	Typical
84	M164	N221B	N232A			Standoff Braci	Beam	Single Angle	A36 Gr.36	Typical
85	M166	N232A	N234A			RIGID	None	None	RIGID	Typical
86	M167	N240	N238			RIGID	None	None	RIGID	Typical
87	M168	N241	N239A			RIGID	None	None	RIGID	Typical
88	M169	N236	N238		90	Ladder Angle		Single Angle		Typical
										71

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Туре	Design List	Material	Design Rules
89	M170	N237	N239A		180	Ladder Angle		Single Angle	A36 Gr.36	Typical
90	M171	N236	N242			RIGID	None	None	RIGID	Typical
91	M172	N237	N243			RIGID	None	None	RIGID	Typical
92	M173	N232A	N220B			Standoff Braci	Beam	Single Angle	A36 Gr.36	Typical
93	M173A	N184A	N244		90	Face Diagonal	Beam	RECT	A36 Gr.36	Typical
94	M174	N245	N243A			Face Vertical		Single Angle	A36 Gr.36	Typical
95	M175	N247	N246		180	Face Diagonal	Beam	RECT	A36 Gr.36	Typical
96	M176	N248	N249		270	Face Vertical			A36 Gr.36	Typical
97	M177	N250	N251		90	Face Diagonal	Beam	RECT	A36 Gr.36	Typical
98	M178	N253	N252		180			Single Angle	A36 Gr.36	Typical
99	M179	N183B	N254		180	Face Diagonal	Beam	RECT	A36 Gr.36	Typical
100	M180	N191A	N259		90	Face Diagonal	Beam	RECT	A36 Gr.36	Typical
101	M181	N260	N258			Face Vertical			A36 Gr.36	Typical
102	M182	N262	N261		180	Face Diagonal	Beam	RECT	A36 Gr.36	Typical
103	M183	N263	N264		270			Single Angle	A36 Gr.36	Typical
104	M184	N265	N266		90	Face Diagonal	Beam	RECT	A36 Gr.36	Typical
105	M185	N268	N267		180	Face Vertical			A36 Gr.36	Typical
106	M186	N190A	N269		180	Face Diagonal	Beam	RECT	A36 Gr.36	Typical
107	M115	N152	N154			RIGID	None	None	RIGID	Typical
108	M116	N151	N153			RIGID	None	None	RIGID	Typical
109	MP2A	N155	N156			Mount Pipe	Column		A53 Gr. B	
110	M118	N158	N160			RIGID	None	None	RIGID	Typical
111	M119	N157	N159			RIGID	None	None	RIGID	Typical
112	MP3A	N161	N162			Mount Pipe	Column		A53 Gr. B	
113	M121	N164	N166			RIGID	None	None	RIGID	Typical
114	M122	N163	N165			RIGID	None	None	RIGID	Typical
115	MP4A	N167	N168			Mount Pipe	Column		A53 Gr. B	
116	M124	N171	N173			RIGID	None	None	RIGID	Typical
117	M125	N170	N172			RIGID	None	None	RIGID	Typical
118	MP1C	N174	N175				Column		A53 Gr. B	
119	M127	N177	N179			RIGID	None	None	RIGID	Typical
120	M128	N176	N178			RIGID Mount Dina	None	None	RIGID	Typical
121 122	MP2C M130	N180 N183	N181 N185			Mount Pipe RIGID	Column None	Pipe None	A53 Gr. B RIGID	
123	M131	N182	N184			RIGID	None	None	RIGID	Typical Typical
124	MP3C	N186	N187			Mount Pipe	Column		A53 Gr. B	
125	M133	N189	N191			RIGID	None	None	RIGID	Typical
126	M134	N188	N190			RIGID	None	None	RIGID	Typical
127	MP4C	N192	N193			Mount Pipe	Column		A53 Gr. B	Typical
128	M136	N196	N198			RIGID	None	None	RIGID	Typical
129	M137A	N195	N197			RIGID	None	None	RIGID	Typical
130	MP1B	N199	N200			Mount Pipe	Column		A53 Gr. B	
131	M139	N202	N204			RIGID	None	None	RIGID	Typical
132	M140	N201	N203			RIGID	None	None	RIGID	Typical
133	MP2B	N205	N206			Mount Pipe	Column		A53 Gr. B	
134	M142	N208	N210			RIGID	None	None	RIGID	Typical
135	M143	N207	N209			RIGID	None	None	RIGID	Typical
136	MP3B	N211	N212				Column		A53 Gr. B	
137	M145A	N214	N216			RIGID	None	None	RIGID	Typical
138	M146A	N213	N215			RIGID	None	None	RIGID	Typical
139	MP4B	N217	N218				Column		A53 Gr. B	
140	M148B	N229C	N230B			Mount Pipe	Column		A53 Gr. B	
141	M149	N223B	N224B			RIGID	None	None	RIGID	Typical
142	M150A	N223B	N225			RIGID	None	None	RIGID	Typical
143	M151	N228A	N227			RIGID	None	None	RIGID	Typical
144	M152B	N228A	N226			RIGID	None	None	RIGID	Typical
145	M153B	N225	N227			Threaded Rod	Beam	BAR	A36 Gr.36	Typical

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
146	M154B	N224B	N226			Threaded Rod	Beam	BAR	A36 Gr.36	Typical
147	M155C	N231A	N232B			RIGID	None	None	RIGID	Typical
148	M156B	N231A	N233			RIGID	None	None	RIGID	Typical
149	M157A	N236A	N235A			RIGID	None	None	RIGID	Typical
150	M158A	N236A	N234B			RIGID	None	None	RIGID	Typical
151	M159A	N233	N235A			Threaded Rod	Beam	BAR	A36 Gr.36	Typical
152	M160A	N232B	N234B			Threaded Rod	Beam	BAR	A36 Gr.36	Typical
153	M162A	N246A	N247A			Mount Pipe	Column	Pipe	A53 Gr. B	
154	M163A	N240A	N241A			RIGID	None	None	RIGID	Typical
155	M164A	N240A	N242A			RIGID	None	None	RIGID	Typical
156	M165	N245A	N244A			RIGID	None	None	RIGID	Typical
157	M166A	N245A	N243B			RIGID	None	None	RIGID	Typical
158	M167A	N242A	N244A			Threaded Rod	Beam	BAR	A36 Gr.36	Typical
159	M168A	N241A	N243B			Threaded Rod	Beam	BAR	A36 Gr.36	Typical
160	M169A	N248A	N249A			RIGID	None	None	RIGID	Typical
161	M170A	N248A	N250A			RIGID	None	None	RIGID	Typical
162	M171A	N253A	N252A			RIGID	None	None	RIGID	Typical
163	M172A	N253A	N251A			RIGID	None	None	RIGID	Typical
164	M173B	N250A	N252A			Threaded Rod	Beam	BAR	A36 Gr.36	Typical
165	M174A	N249A	N251A			Threaded Rod	Beam	BAR	A36 Gr.36	Typical
166	M176A	N263A	N264B			Mount Pipe	Column	Pipe	A53 Gr. B	
167	M177A	N257	N258A			RIGID	None	None	RIGID	Typical
168	M178A	N257	N259A			RIGID	None	None	RIGID	Typical
169	M179A	N262A	N261A			RIGID	None	None	RIGID	Typical
170	M180A	N262A	N260A			RIGID	None	None	RIGID	Typical
171	M181A	N259A	N261A			Threaded Rod	Beam	BAR	A36 Gr.36	Typical
172	M182A	N258A	N260A			Threaded Rod	Beam	BAR	A36 Gr.36	Typical
173	M183A	N265A	N266A			RIGID	None	None	RIGID	Typical
174	M184A	N265A	N267A			RIGID	None	None	RIGID	Typical
175	M185A	N270	N269A			RIGID	None	None	RIGID	Typical
176	M186A	N270	N268A			RIGID	None	None	RIGID	Typical
177	M187B	N267A	N269A			Threaded Rod	Beam	BAR	A36 Gr.36	Typical
178	M188	N266A	N268A			Threaded Rod	Beam	BAR	A36 Gr.36	Typical
179	M187C	N266B	N267B			Mount Pipe	Column	Pipe	A53 Gr. B	Typical
180	M188A	N270A	N268B			RIGID	None	None	RIGID	Typical
181	M189	N271	N269B			RIGID	None	None	RIGID	Typical
182	M190	N273	N274			Mount Pipe	Column	Pipe	A53 Gr. B	
183 184	M191 M192	N277 N278	N275 N276			RIGID RIGID	None	None None	RIGID RIGID	Typical
							None	None	A53 Gr. B	Typical
185 186	M193 M194	N280 N284	N281 N282			RIGID	Column None	Pipe None	RIGID	
187	M194 M195	N284 N285	N282 N283			RIGID	None	None	RIGID	Typical Typical
188	M196	N285A	N283 N287			RIGID	None	None	RIGID	Typical
189	M197	N284A	N286			RIGID	None	None	RIGID	Typical
190	M198	N289	N288			Mount Pipe	Column	Pipe	A53 Gr. B	
191	M199	N299	N294			RIGID	None	None	RIGID	Typical
192	M200	N292 N291	N294 N293			RIGID	None	None	RIGID	Typical
193	M201	N291 N296	N295 N295			Mount Pipe	Column	Pipe	A53 Gr. B	
194	M202	N299	N301			RIGID	None	None	RIGID	Typical
195	M203	N298	N300			RIGID	None	None	RIGID	Typical
196	M204	N303	N302			Mount Pipe	Column	Pipe	A53 Gr. B	Typical
197	M205	N302A	N303A			RIGID	None	None	RIGID	Typical
198	M206	N302A	N305A			RIGID	None	None	RIGID	Typical
199	M207	N304	N303			RIGID	None	None	RIGID	Typical
200	M208	N308	N309			RIGID	None	None	RIGID	Typical
201	M209	N310	N311			MOD Support	Beam	Pipe	A53 Gr. B	
202	M210	N313	N314			RIGID	None	None	RIGID	Typical
202	IVIZIU	14010	INUIT			INIOID	TACHE	INOITE	עוטוע	Турісаі

	Label	l Joint	J Joint	K Joint	Rotate(dea)	Section/Shape	Туре	Design List	Material	Design Rules
203	M211	N315	N316	IX JOIIIL	(Notate(deg)	RIGID	None	None	RIGID	Typical
204	M212	N317	N318			RIGID	None	None	RIGID	Typical
205	M213	N319	N320			RIGID	None	None	RIGID	Typical
206	M214	N321	N322			MOD Support	Beam		A53 Gr. B	
207	M215	N324	N325			RIGID	None	None	RIGID	Typical
208	M216	N326	N327			RIGID	None	None	RIGID	Typical
209	M217	N328	N329			RIGID	None	None	RIGID	Typical
210	M218	N330	N331			RIGID	None	None	RIGID	Typical
211	M219	N332	N333			MOD Support	Beam		A53 Gr. B	Typical
212	M220	N332A	N334			RIGID	None	None	RIGID	Typical
213	M221	N333A	N335			RIGID	None	None	RIGID	Typical
214	M222	N337	N339			RIGID	None	None	RIGID	Typical
215	M223	N338	N340			RIGID	None	None	RIGID	Typical
216	M224	N342	N344			RIGID	None	None	RIGID	Typical
217	M225	N343	N345			RIGID	None	None	RIGID	Typical
218	M226	N344	N340		90	MOD Support	Beam	Single Angle	A36 Gr.36	Typical
219	M227	N334	N345		90	MOD Support	Beam	Single Angle	A36 Gr.36	Typical
220	M228	N339	N335		90	MOD Support	Beam	Single Angle	A36 Gr.36	Typical
221	M231	N350	N351		90	MOD Corner P	Beam	ŘECT	A36 Gr.36	Typical
222	M230	N348	N350		60	RIGID	None	None	RIGID	Typical
223	M231A	N344A	N345A			RIGID	None	None	RIGID	Typical
224	M232	N349	N351		30	RIGID	None	None	RIGID	Typical
225	M233	N355	N356		90	MOD Corner P	Beam	RECT	A36 Gr.36	Typical
226	M234	N353	N355			RIGID	None	None	RIGID	Typical
227	M235	N351A	N352		30	RIGID	None	None	RIGID	Typical
228	M236	N354	N356		60	RIGID	None	None	RIGID	Typical
229	M237	N362	N363		90	MOD Corner P	Beam	RECT	A36 Gr.36	Typical
230	M238	N360	N362		30	RIGID	None	None	RIGID	Typical
231	M239	N358	N359		60	RIGID	None	None	RIGID	Typical
232	M240	N361	N363			RIGID	None	None	RIGID	Typical
233	M242	N8	N364	N1		Standoff Vertical	Column	Single Angle	A36 Gr.36	Typical
234	M243	N364	N365	N1		Standoff Vertical				Typical
235	M244	N366	N364	N1		Standoff Vertical	Column		A36 Gr.36	Typical
236	M244A	N371	N365A			RIGID	None	None	RIGID	Typical
237	M248	N379A	N373		30	RIGID	None	None	RIGID	Typical
238	M251	N382	N377		60	RIGID	None	None	RIGID	Typical
239	M251A	N383A	N220			Standoff Vertical	Column	Single Angle	A36 Gr.36	Typical
240	M253	N387	N223			Standoff Vertical			A36 Gr.36	Typical
241	M253A	N192B	N4			RIGID	None	None	RIGID	Typical
242	M254	N4	N208A			RIGID	None	None	RIGID	Typical
243	M255	N208A	N192B			RIGID	None	None	RIGID	Typical
244	M256	N385	N387A			MOD Kicker	Beam	Double Angle (A36 Gr.36	Typical
245	M257	N389	N391			MOD Kicker	Beam	Double Angle (A36 Gr.36	Typical
246	M258	N393	N395			MOD Kicker		Double Angle (A36 Gr.36	Typical
247	M259	N194A	N394	<u>N1</u>		Standoff Vertical	Column	Single Angle	A36 Gr.36	Typical
248	M260	N394	N395A	N1		Standoff Vertical			A36 Gr.36	Typical
249	M261	N396	N394	<u>N1</u>		Standoff Vertical			A36 Gr.36	Typical
250	M262	N210A	N399	N1		Standoff Vertical			A36 Gr.36	Typical
251	M263	N399	N400	N1		Standoff Vertical			A36 Gr.36	Typical
252	M264	N401	N399	N1		Standoff Vertical	Column	Single Angle	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	M1	MOD Doubl	8.172	,,,,		Lbyy			,,			Lateral
[2	M2	Standoff Ho.	7.833			Lbyy						Lateral

Hot Rolled Steel Design Parameters (Continued)

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	Label	Shape	Length[ft]	Lbyy[ft]	Lbzz[ft]	Lcomp top[ft]	Lcomp bot[ft]	L-torqu	. Kyy	Kzz	Cb	Function
3	M3	Standoff Ve										Lateral
4	M6	Face Plate	.5			Lbyy						Lateral
5	M27	Face Plate	.558			Lbyy						Lateral
6	M33	Face Plate				Lbyy						Lateral
7	M34	Face Horizo	14.833			Lbyy						Lateral
8	M35	Face Horizo	14.833			Lbyy						Lateral
9	MP1A	Mount Pipe	6									Lateral
10	M147	Ladder Angle				Lbyy						Lateral
11	M148	Ladder Angle				Lbyy						Lateral
12	M103A	Face Diago				Lbyy						Lateral
13	M104A	Face Vertical				Loyy						Lateral
14	M101A	Face Diago	4.687			Lbyy						Lateral
15	M101B	Face Vertical				Loyy						Lateral
16	M102A	Face Diago				Lbyy						Lateral
17	M103B	Face Vertical				Loyy						Lateral
18	M104B	Face Diago				Lbyy						Lateral
19	M1104B	Corner Pipe				<u> </u>						Lateral
20	M109B	Face Plate				Lbyy						Lateral
21	M110C	Face Plate				Lbyy						Lateral
22	M108A	Face Plate				Lbyy						Lateral
23	M109A	Face Plate				Lbyy						Lateral
24	M112A	Face Plate				Lbyy						Lateral
25	M113A	Face Plate				Lbyy						Lateral
26	M116A	Face Horizo				Lbyy						Lateral
27	M117B	Face Horizo				Lbyy						Lateral
28	M118A	Face Plate				Lbyy						Lateral
29	M118C	Face Plate				Lbyy						Lateral
30	M122A	Face Horizo				Lbyy						Lateral
31	M123A	Face Plate				Lbyy						Lateral
32	M124A	Face Plate				Lbyy						Lateral
33	M127A	Face Horizo				Lbyy						Lateral
34	M128A	Face Plate				Lbyy						Lateral
35	M129A	Face Plate				Lbyy						Lateral
36	M132A	MOD Doubl				Lbyy						Lateral
37	M133A	Standoff Ho				Lbyy						Lateral
38	M136B	Face Plate				Lbyy						Lateral
39	M140A	Face Plate				Lbyy						Lateral
40	M142A	Face Plate				Lbyy						Lateral
41	M144A	MOD Doubl				Lbyy						Lateral
42	M145B	Standoff Ho				Lbyy						Lateral
43	M148A	Face Plate				Lbyy						Lateral
44	M152	Face Plate				Lbyy						Lateral
45	M154	Face Plate				Lbyy						Lateral
46	M152A	Corner Pipe				LDyy						Lateral
47	M153A	Corner Pipe										Lateral
48	M156	Standoff Br				Lbyy						Lateral
49	M160	Ladder Angle				Lbyy						Lateral
50	M161	Ladder Angle				Lbyy						Lateral
51	M164	Standoff Br				Lbyy						Lateral
52	M169	Ladder Angle				Lbyy						Lateral
53	M170	Ladder Angle				Lbyy						Lateral
54	M173	Standoff Br	4.402			Lbyy						Lateral
55	M173A	Face Diago	4.627			Lbyy						Lateral
56	M174	Face Vertical	3.208			LOYY						Lateral
57	M175	Face Diago	4.687			Lbyy						Lateral
58	M176	Face Vertical										Lateral
59	M177	Face Diago				Lbyy						Lateral
	141 11 1	J			1	~ <i>yy</i>				1	1	



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
60	M178	Face Vertical										Lateral
61	M179	Face Diago				Lbyy						Lateral
62	M180	Face Diago	4.627			Lbyy						Lateral
63	M181	Face Vertical										Lateral
64	M182	Face Diago	4.687			Lbyy						Lateral
65	M183	Face Vertical										Lateral
66	M184	Face Diago	4.45			Lbyy						Lateral
67	M185	Face Vertical										Lateral
68	M186	Face Diago	4.748			Lbyy						Lateral
69	MP2A	Mount Pipe	6									Lateral
70	MP3A	Mount Pipe	6									Lateral
71	MP4A	Mount Pipe	6									Lateral
72	MP1C	Mount Pipe	6									Lateral
73	MP2C	Mount Pipe	6									Lateral
74	MP3C	Mount Pipe	6									Lateral
75	MP4C	Mount Pipe	6									Lateral
76	MP1B	Mount Pipe	6									Lateral
77	MP2B	Mount Pipe	6									Lateral
78	MP3B	Mount Pipe	6									Lateral
79	MP4B	Mount Pipe Mount Pipe	6									Lateral
80	M148B		3			11						Lateral
81	M153B	Threaded R Threaded R	.667			Lbyy						Lateral
82	M154B	Threaded R	.667			Lbyy						Lateral
83	M159A	Threaded R	.667			Lbyy						Lateral Lateral
84	M160A	Mount Pipe	.667			Lbyy						Lateral
85	M162A M167A	Threaded R	.667			l by a c						Lateral
86 87	M168A	Threaded R	.667			Lbyy						Lateral
88	M173B	Threaded R	.667			Lbyy						Lateral
89	M174A	Threaded R	.667			Lbyy Lbyy						Lateral
90	M176A	Mount Pipe	3			LDyy						Lateral
91	M181A	Threaded R	.667			Lbyy						Lateral
92	M182A	Threaded R	.667			Lbyy						Lateral
93	M187B	Threaded R	.667			Lbyy						Lateral
94	M188	Threaded R	.667			Lbyy						Lateral
95	M187C	Mount Pipe	2.5			Loyy						Lateral
96	M190	Mount Pipe	2.5									Lateral
97	M193	Mount Pipe	2.5									Lateral
98	M198	Mount Pipe	5.417									Lateral
99	M201	Mount Pipe	5.417									Lateral
100	M204	Mount Pipe	5.417									Lateral
101	M209	MOD Supp				Lbyy						Lateral
102	M214	MOD Supp				Lbyy						Lateral
103	M219	MOD Supp	14.333			Lbyy						Lateral
104	M226	MOD Supp				Lbyy						Lateral
105	M227	MOD Supp	3.628			Lbyy						Lateral
106	M228	MOD Supp	3.628			Lbyy						Lateral
107	M231	MOD Corne				Lbyy						Lateral
108	M233	MOD Corne				Lbyy						Lateral
109	M237	MOD Corne				Lbyy						Lateral
110	M242	Standoff Ve										Lateral
111	M243	Standoff Ve										Lateral
112	M244	Standoff Ve										Lateral
113	M251A	Standoff Ve										Lateral
114	M253	Standoff Ve	3.896									Lateral
115	M256	MOD Kicker				Lbyy						Lateral
116	M257	MOD Kicker	3.583			Lbyy						Lateral



Hot Rolled Steel Design Parameters (Continued)

	Label	Shape	Length[ft]	Lbyy[ft]	Lbzz[ft]	Lcomp top[ft]	Lcomp bot[ft]	L-torqu	. Kyy	Kzz	Cb	Function
117	M258	MOD Kicker	3.583			Lbyy		·				Lateral
118	M259	Standoff Ve	5.265									Lateral
119	M260	Standoff Ve	4.771									Lateral
120	M261	Standoff Ve	3.896									Lateral
121	M262	Standoff Ve	5.265									Lateral
122	M263	Standoff Ve	4.771									Lateral
123	M264	Standoff Ve	3.896									Lateral

Member Point Loads (BLC 1 : Antenna D)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	Υ	-21.85	1
2	MP2A	My	003	1
3	MP2A	Mz	.017	1
4	MP2A	Υ	-21.85	5
5	MP2A	My	003	5
6	MP2A	Mz	.017	5
7	MP2B	Υ	-21.85	1
8	MP2B	My	008	1
9	MP2B	Mz	015	1
10	MP2B	Υ	-21.85	5
11	MP2B	My	008	5
12	MP2B	Mz	015	5
13	MP2C	Y	-21.85	1
14	MP2C	My	.017	1
15	MP2C	Mz	003	1
16	MP2C	Υ	-21.85	5
17	MP2C	My	.017	5
18	MP2C	Mz	003	5
19	MP2A	Y	-32.3	1
20	MP2A	My	023	1
21	MP2A	Mz	008	1
22	MP2A	Υ	-32.3	5
23	MP2A	My	023	5
24	MP2A	Mz	008	5
25	MP2B	Y	-32.3	1
26	MP2B	My	.023	1
27	MP2B	Mz	009	1
28	MP2B	Y	-32.3	5
29	MP2B	My	.023	5
30	MP2B	Mz	009	5
31	MP2C	Y	-32.3	1
32	MP2C	My	.00026	1
33	MP2C	Mz	.025	1
34	MP2C	Y	-32.3	5
35	MP2C	My	.00026	5
36	MP2C	Mz	.025	5
37	MP3A	Y	-28.65	2
38	MP3A	My	012	2
39	MP3A	Mz	.007	2
40	MP3A	Y	-28.65	4
41	MP3A	My	012	4
	MP3A	Mz Y	.007	4
43	MP3B		-28.65	2
44	MP3B	My	.005	2
45	MP3B	Mz	013	2

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
46	MP3B	Y	-28.65	4
47	MP3B	My	.005	4
48	MP3B	Mz	013	4
49	MP3C	Υ	-28.65	2
50	MP3C	My	.011	2
51	MP3C	Mz	.009	2
52	MP3C	Υ	-28.65	4
53	MP3C	My	.011	4
54	MP3C	Mz	.009	4
55	M132A	Y	-32	7
56	M132A	My	0	7
57	M132A	Mz	0	7
58	MP2A	Y	-24.3	4.5
59	MP2A	My	.011	4.5
60	MP2A	Mz	006	4.5
61	MP2B	Y	-24.3	4.5
62	MP2B	My	004	4.5
63	MP2B	Mz	.011	4.5
64	MP2C	Y	-24.3	4.5
65	MP2C	My	009	4.5
66	MP2C	Mz	008	4.5
67	M148B	Y	-74.7	1.5
68	M148B	My	0	1.5 1.5
69	M148B	Mz Y	-79.1	1.5 1.5
70	MP1A	-		
	MP1A MP1A	My	.034	1.5 1.5
72 73	MP1B	Mz Y	02 -79.1	1.5
74	MP1B	My	014	1.5
75	MP1B	Mz	.037	1.5
76	MP1C	Y	-79.1	1.5
77	MP1C	My	03	1.5
78	MP1C	Mz	025	1.5
79	MP4B	Y	-22.95	1.3
80	MP4B	My	.004	1
81	MP4B	Mz	011	1
82	MP4B	Y	-22.95	5
83	MP4B	My	.004	5
84	MP4B	Mz	011	5
85	MP4C	Y	-22.95	1
86	MP4C	My	.009	1
87	MP4C	Mz	.007	1
88	MP4C	Y	-22.95	5
89	MP4C	My	.009	5
90	MP4C	Mz	.007	5
91	MP4A	Υ	-13.15	1
92	MP4A	My	006	1
93	MP4A	Mz	.003	1
94	MP4A	Υ	-13.15	5
95	MP4A	My	006	5 5
96	MP4A	Mz	.003	5
97	M176A	Υ	-74.7	1.5
98	M176A	My	0	1.5
99	M176A	Mz	0	1.5
100	M162A	Υ	-74.7	1.5
101	M162A	My	0	1.5
102	M162A	Mz	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
103	M1	Υ	-32	7
104	M1	My	0	7
105	M1	Mz	0	7
106	M198	Υ	-30.2	1.5
107	M198	My	0	1.5
108	M198	Mz	0	1.5
109	M201	Υ	-30.2	1.5
110	M201	My	0	1.5
111	M201	Mz	0	1.5
112	M204	Υ	-30.2	1.5
113	M204	My	0	1.5
114	M204	Mz	0	1.5

Member Point Loads (BLC 2 : Antenna Di)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	Y	-61.432	1
2	MP2A	My	009	1
3	MP2A	Mz	.046	1
4	MP2A	Υ	-61.432	5
5	MP2A	My	009	5
6	MP2A	Mz	.046	5
7	MP2B	Υ	-61.432	1
8	MP2B	My	023	1
9	MP2B	Mz	041	1
10	MP2B	Υ	-61.432	5
11	MP2B	My	023	5
12	MP2B	Mz	041	5
13	MP2C	Υ	-61.432	1
14	MP2C	My	.047	1
15	MP2C	Mz	008	1
16	MP2C	Υ	-61.432	5
17	MP2C	My	.047	5
18	MP2C	Mz	008	5
19	MP2A	Υ	-61.432	1
20	MP2A	My	045	1
21	MP2A	Mz	016	1
22	MP2A	Υ	-61.432	5
23	MP2A	My	045	5
24	MP2A	Mz	016	5
25	MP2B	Υ	-61.432	1
26	MP2B	My	.044	1
27	MP2B	Mz	017	1
28	MP2B	Υ	-61.432	5
29	MP2B	My	.044	5
30	MP2B	Mz	017	5
31	MP2C	Y	-61.432	1
32	MP2C	My	.000495	1
33	MP2C	Mz	.047	1
34	MP2C	Υ	-61.432	5
35	MP2C	My	.000495	5
36	MP2C	Mz	.047	5
37	MP3A	Y	-30.196	2
38	MP3A	My	013	2
39	MP3A	Mz	.008	2
40	MP3A	Υ	-30.196	4
41	MP3A	My	013	4



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

	T OIII LOUGS (BLO L : A			
10	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
42	MP3A	Mz	.008	4
43	MP3B	Υ	-30.196	2
44	MP3B	My	.005	2
45	MP3B	Mz	014	2
46	MP3B	Υ	-30.196	4
47	MP3B	My	.005	4
48	MP3B	Mz	014	4
49	MP3C	Υ	-30.196	2
50	MP3C	My	.012	2
51	MP3C	Mz	.01	2
52	MP3C	Υ	-30.196	4
53	MP3C	My	.012	4
54	MP3C	Mz	.01	4
55	M132A	Y	-76.998	7
56	M132A	My	0	7
57	M132A	Mz	0	7
58	MP2A	Y	-19.298	4.5
59	MP2A	My	.008	4.5
60	MP2A	Mz	005	4.5
61	MP2B	Y	-19.298	4.5
62	MP2B	My	003	4.5
63	MP2B	Mz	.009	4.5
64	MP2C	Y	-19.298	4.5
65	MP2C	My	007	4.5
66	MP2C	Mz	006	4.5
67	M148B	Y	-45.535	1.5
68	M148B	My	0	1.5
69	M148B	Mz	0	1.5
70	MP1A	Y	-46.017	1.5
71	MP1A	My	.02	1.5
72	MP1A	Mz	012	1.5
73	MP1B	Y	-46.017	1.5
74	MP1B	My	-40.017	1.5
75	MP1B	Mz		
76	MP1C	Y	.022 -46.017	1.5 1.5
	MP1C MP1C			1.5
77		My	018	1.5
78	MP1C	Mz	015	1.5
79	MP4B	Y	-68.217	1
80	MP4B	My	.012	1
81	MP4B	Mz V	032	1
82	MP4B	Y	-68.217	5
83	MP4B	My	.012	5
84	MP4B	Mz	032	5
85	MP4C	Y	-68.217	1
86	MP4C	My	.026	1
87	MP4C	Mz	.022	1
88	MP4C	Y	-68.217	5
89	MP4C	My	.026	5
90	MP4C	Mz	.022	5
91	MP4A	Y	-61.984	1
92	MP4A	My	027	1
93	MP4A	Mz	.015	1
94	MP4A	Y	-61.984	5
95	MP4A	My	027	5
96	MP4A	Mz	.015	5
97	M176A	Y	-45.535	1.5
98	M176A	My	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
99	M176A	Mz	0	1.5
100	M162A	Υ	-45.535	1.5
101	M162A	My	0	1.5
102	M162A	Mz	0	1.5
103	M1	Υ	-76.998	7
104	M1	My	0	7
105	M1	Mz	0	7
106	M198	Υ	-29.575	1.5
107	M198	My	0	1.5
108	M198	Mz	0	1.5
109	M201	Υ	-29.575	1.5
110	M201	My	0	1.5
111	M201	Mz	0	1.5
112	M204	Y	-29.575	1.5
113	M204	My	0	1.5
114	M204	Mz	0	1.5

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

	der i dilit Louds (DLO 3 . A	mema wo to beg	11	
	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X Z	0	1
2	MP2A	Z	-87.554	1
3	MP2A	Mx	066	1
4	MP2A	X	0	5
5	MP2A	Z	-87.554	5
6	MP2A	Mx	066	5
7	MP2B	X	0	1
8	MP2B	Z	-50.645	1
9	MP2B	Mx	.034	1
10	MP2B	X	0	5
11	MP2B	Z	-50.645	5
12	MP2B	Mx	.034	5
13	MP2C	X	0	1
14	MP2C	Z	-78.04	1
15	MP2C	Mx	.01	1
16	MP2C	X	0	5
17	MP2C	Z	-78.04	5
18	MP2C	Mx	.01	5
19	MP2A	X	0	1
20	MP2A	Z	-138.675	1
21	MP2A	Mx	.035	1
22	MP2A	X	0	5
23	MP2A	Z	-138.675	5
24	MP2A	Mx	.035	5
25	MP2B	X	0	1
26	MP2B	Z	-106.428	1
27	MP2B	Mx	.029	1
28	MP2B	X	0	5
29	MP2B	Z	-106.428	5
30	MP2B	Mx	.029	5
31	MP2C	X	0	1
32	MP2C	Z	-130.362	1
33	MP2C	Mx	1	1
34	MP2C	X	0	5
35	MP2C	Z	-130.362	5
36	MP2C	Mx	1	5
37	MP3A	X	0	2



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
38	MP3A	Z	-60.327	2
39	MP3A	Mx	015	2
40	MP3A	X	0	4
41	MP3A	Z	-60.327	4
42	MP3A	Mx	015	4
43	MP3B	X	0	2
44	MP3B	Z	-32.582	2
45	MP3B	Mx	.015	2
46	MP3B	X	0	4
47	MP3B	Z	-32.582	4
48	MP3B	Mx	.015	4
49	MP3C	X	0	2
50	MP3C	Z	-53.176	2
51	MP3C	Mx	017	2
52	MP3C	X	0	4
53	MP3C	Z	-53.176	4
54	MP3C	Mx	017	4
55	M132A	X	0	7
56	M132A	Z	-130.52	7
57	M132A	Mx	0	<u> </u>
58	MP2A	X	0	4.5
59	MP2A	Z	-28.887	4.5
60		Mx	.007	4.5
61	MP2A MP2B	X	0	4.5
62		Z	-20.116	4.5
	MP2B			
63	MP2B	Mx V	009 0	4.5
64	MP2C	X Z		4.5
65	MP2C		-26.626	4.5
66	MP2C	Mx	.009	4.5
67	M148B	X	0	1.5
68	M148B		-53.511	1.5
69	M148B	Mx Y	0	1.5
70	MP1A	X	0	1.5
71	MP1A	Z	-64.749	1.5
72	MP1A	Mx	.016	1.5
73	MP1B	X	0	1.5
74	MP1B	Z	-50.58	1.5
75	MP1B	Mx	024	1.5
76	MP1C	X	0	1.5
77	MP1C	Z	-61.097	1.5
78	MP1C	Mx	.02	1.5
79	MP4B	X	0	1
80	MP4B	Z	-122.286	1
81	MP4B	Mx	.057	1
82	MP4B	X	0	5
83	MP4B	Z	-122.286	5
84	MP4B	Mx	.057	5
85	MP4C	X	0	1
86	MP4C	Z	-149.592	1
87	MP4C	Mx	048	1
88	MP4C	X	0	5
89	MP4C	Z	-149.592	5
90	MP4C	Mx	048	5
91	MP4A	X	0	1
92	MP4A	Z	-140.667	1
93	MP4A	Mx	035	1
94	MP4A	X	0	5



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
95	MP4A	Z	-140.667	5
96	MP4A	Mx	035	5
97	M176A	Χ	0	1.5
98	M176A	Z	-53.511	1.5
99	M176A	Mx	0	1.5
100	M162A	Χ	0	1.5
101	M162A	Z	-53.511	1.5
102	M162A	Mx	0	1.5
103	M1	Χ	0	7
104	M1	Z	-130.52	7
105	M1	Mx	0	7
106	M198	Χ	0	1.5
107	M198	Z	-86.05	1.5
108	M198	Mx	0	1.5
109	M201	Χ	0	1.5
110	M201	Z	-86.05	1.5
111	M201	Mx	0	1.5
112	M204	Χ	0	1.5
113	M204	Z	-86.05	1.5
114	M204	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	29.2	1
2	MP2A	Z	-50.577	1
3	MP2A	Mx	042	1
4	MP2A	X	29.2	5
5	MP2A	Z	-50.577	5
6	MP2A	Mx	042	5
7	MP2B	X	22.791	1
8	MP2B	Z	-39.475	1
9	MP2B	Mx	.018	1
10	MP2B	X	22.791	5
11	MP2B	Z	-39.475	5
12	MP2B	Mx	.018	5
13	MP2C	X	50.186	1
14	MP2C	Z	-86.925	1
15	MP2C	Mx	.049	1
16	MP2C	X	50.186	5
17	MP2C	Z	-86.925	5
18	MP2C	Mx	.049	5
19	MP2A	X	56.602	1
20	MP2A	Z	-98.038	1
21	MP2A	Mx	016	1
22	MP2A	X	56.602	5
23	MP2A	Z	-98.038	5
24	MP2A	Mx	016	5
25	MP2B	X	51.003	1
26	MP2B	Z	-88.339	1
27	MP2B	Mx	.061	1
28	MP2B	X	51.003	5
29	MP2B	Z	-88.339	5
30	MP2B	Mx	.061	5
31	MP2C	X	74.937	1
32	MP2C	Z	-129.794	1
33	MP2C	Mx	099	1

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

	Point Loads (BLC 4 . A			
0.4	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
34	MP2C	X Z	74.937	5
35	MP2C		-129.794	5
36	MP2C	Mx	099	5
37	MP3A	X	19.206	2
38	MP3A	Z	-33.266	2
39	MP3A	Mx	017	2
40	MP3A	X	19.206	4
41	MP3A	Z	-33.266	4
42	MP3A	Mx	017	4
43	MP3B	X	14.388	2
44	MP3B	Z	-24.922	2
45	MP3B	Mx	.014	2
46	MP3B	X	14.388	4
47	MP3B	Z	-24.922	4
48	MP3B	Mx	.014	4
49	MP3C	X	34.982	2
50	MP3C	Z	-60.59	2
51	MP3C	Mx	006	2
52	MP3C	X	34.982	4
53	MP3C	Z	-60.59	4
54	MP3C	Mx	006	4
55	M132A	X	53.21	7
56	M132A	Z	-92.162	7
57	M132A	Mx	0	7
58	MP2A	X	10.98	4.5
59	MP2A	Z	-19.017	4.5
60	MP2A	Mx	.01	4.5
61	MP2B	X	9.456	4.5
62	MP2B	Z	-16.379	4.5
63	MP2B	Mx	009	4.5
64	MP2C	X	15.967	4.5
65	MP2C	Z	-27.655	4.5
66	MP2C	Mx	.003	4.5
67	M148B	X	21.959	1.5
68	M148B	Z	-38.034	1.5
69	M148B	Mx	0	1.5
70	MP1A	X	26.779	1.5
71	MP1A	Z	-46.382	1.5
72	MP1A	Mx	.023	1.5
73	MP1B	X	24.318	1.5
74	MP1B	Z	-42.121	1.5
75	MP1B	Mx	024	1.5
76	MP1C	X	34.835	1.5
77	MP1C	Z	-60.336	1.5
78	MP1C	Mx	.006	1.5
79	MP4B	X Z	58.62	1
80	MP4B		-101.533	1
81	MP4B	Mx	.058	1
82	MP4B	X	58.62	5
83	MP4B	Z	-101.533	5
84	MP4B	Mx	.058	5
85	MP4C	X	85.926	1
86	MP4C	Z	-148.828	1
87	MP4C	Mx	015	1
88	MP4C	X	85.926	5
89	MP4C	Z	-148.828	5
90	MP4C	Mx	015	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
91	MP4A	X	57.334	1
92	MP4A	Z	-99.305	1
93	MP4A	Mx	05	1
94	MP4A	Χ	57.334	5
95	MP4A	Z	-99.305	5
96	MP4A	Mx	05	5
97	M176A	Χ	21.959	1.5
98	M176A	Ζ	-38.034	1.5
99	M176A	Mx	0	1.5
100	M162A	Χ	21.959	1.5
101	M162A	Z	-38.034	1.5
102	M162A	Mx	0	1.5
103	M1	Χ	53.21	7
104	M1	Z	-92.162	7
105	M1	Mx	0	7
106	M198	Χ	14.342	1.5
107	M198	Z	-24.84	1.5
108	M198	Mx	0	1.5
109	M201	Χ	14.342	1.5
110	M201	Z	-24.84	1.5
111	M201	Mx	0	1.5
112	M204	Χ	14.342	1.5
113	M204	Z	-24.84	1.5
114	M204	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	37.953	1
2	MP2A	Z	-21.912	1
3	MP2A	Mx	022	1
4	MP2A	X	37.953	5
5	MP2A	Z	-21.912	5
6	MP2A	Mx	022	5
7	MP2B	X	58.816	1
8	MP2B	Z	-33.958	1
9	MP2B	Mx	.000548	1
10	MP2B	X	58.816	5
11	MP2B	Z	-33.958	5
12	MP2B	Mx	.000548	5
13	MP2C	X	82.541	1
14	MP2C	Z	-47.655	1
15	MP2C	Mx	.069	1
16	MP2C	X	82.541	5
17	MP2C	Z	-47.655	5
18	MP2C	Mx	.069	5
19	MP2A	X	87.009	1
20	MP2A	Z	-50.235	1
21	MP2A	Mx	05	1
22	MP2A	X	87.009	5
23	MP2A	Z	-50.235	5
24	MP2A	Mx	05	5
25	MP2B	X	105.237	1
26	MP2B	Z	-60.758	1
27	MP2B	Mx	.092	1
28	MP2B	X	105.237	5
29	MP2B	Z	-60.758	5



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

Member Label Direction Maqnitudelib.k-ft] LocationIft. 30 MP2B Mx 0.92 5 31 MP2C X 125.964 1 32 MP2C Z -72.725 1 33 MP2C Mx 055 1 34 MP2C X 125.964 5 35 MP2C Z -72.725 5 36 MP2C Mx 055 5 36 MP2C Mx 055 5 37 MP3A X 23.777 2 38 MP3A X 23.777 2 38 MP3A X 23.777 2 39 MP3A X 23.777 4 41 MP3A X 23.777 4 41 MP3A X 23.777 4 42 MP3A X 33.777 4 42 MP3A	%1
31 MP2C X 125.964 1 32 MP2C Z -72.725 1 33 MP2C Mx -055 1 34 MP2C X 125.964 5 35 MP2C Z -72.725 5 36 MP2C Mx -0555 5 37 MP3A X 23.777 2 38 MP3A X 23.777 2 38 MP3A X 23.777 2 40 MP3A X 23.777 4 40 MP3A X 23.777 4 41 MP3A X 23.777 4 41 MP3A X 23.777 4 42 MP3A X 23.777 4 42 MP3A X 33.778 4 42 MP3A X 39.46 2 44 MP3B X	701
32 MP2C Z -72.725 1 33 MP2C Mx 055 1 34 MP2C X 125.964 5 35 MP2C Z -72.725 5 36 MP2C Mx 055 5 37 MP3A X 23.777 2 38 MP3A X 23.777 2 39 MP3A Mx 014 2 40 MP3A X 23.777 4 41 MP3A X 39.46 2 44 MP3B X	
33 MP2C Mx 055 1 34 MP2C X 125.964 5 35 MP2C Z -72.725 5 36 MP2C Mx 055 5 37 MP3A X 23.777 2 38 MP3A X 23.777 2 40 MP3A X 23.777 4 41 MP3A X 23.777 4 42 MP3A Mx 014 4 42 MP3A Mx 014 4 43 MP3B X 39.46 2 44 MP3B X 39.46 2 45 MP3B X	
34 MP2C X 125.964 5 35 MP2C Z -72.725 5 36 MP2C Mx 055 5 37 MP3A X 23.777 2 38 MP3A Z -13.728 2 39 MP3A MX 014 2 40 MP3A X 23.777 4 41 MP3A X 23.777 4 42 MP3A X 23.777 4 42 MP3A X 39.46 2 44 MP3B X 39.46 2 44 MP3B X 39.46 4 47 MP3B X	
35 MP2C Z -72.725 5 36 MP2C Mx 055 5 37 MP3A X 23.777 2 38 MP3A Z -13.728 2 39 MP3A Mx 014 2 40 MP3A X 23.777 4 41 MP3A X 23.777 4 41 MP3A X 23.777 4 42 MP3A X 23.777 4 42 MP3A X 23.778 4 42 MP3A X 39.46 2 44 MP3B X 39.46 2 44 MP3B X 39.46 2 45 MP3B X 39.46 4 47 MP3B X 39.46 4 47 MP3B X 39.46 4 47 MP3B X <t< td=""><td></td></t<>	
36 MP2C Mx 055 5 37 MP3A X 23.777 2 38 MP3A Z -13.728 2 39 MP3A Mx 014 2 40 MP3A X 23.777 4 41 MP3A X 23.777 4 41 MP3A Z -13.728 4 42 MP3A Mx 014 4 43 MP3B X 39.46 2 44 MP3B X 39.46 2 45 MP3B X 39.46 4 47 MP3B X	
37 MP3A X 23.777 2 38 MP3A Z -13.728 2 39 MP3A Mx 014 2 40 MP3A X 23.777 4 41 MP3A Z -13.728 4 42 MP3A Mx 014 4 43 MP3B X 39.46 2 44 MP3B X 39.46 2 45 MP3B Mx .017 2 46 MP3B X 39.46 4 47 MP3B X 39.46 4 48 MP3B X 39.46 4 48 MP3B X 39	
38 MP3A Z -13.728 2 39 MP3A Mx 014 2 40 MP3A X 23.777 4 41 MP3A Z -13.728 4 42 MP3A Mx 014 4 43 MP3B X 39.46 2 44 MP3B Z -22.782 2 45 MP3B Mx .017 2 46 MP3B X 39.46 4 47 MP3B Mx .017 4 48 MP3B Mx	
39 MP3A Mx 014 2 40 MP3A X 23.777 4 41 MP3A Z -13.728 4 42 MP3A Mx 014 4 43 MP3B X 39.46 2 44 MP3B Z -22.782 2 45 MP3B Mx .017 2 46 MP3B X 39.46 4 47 MP3B X 39.46 4 48 MP3B X 57.	
40 MP3A X 23.777 4 41 MP3A Z -13.728 4 42 MP3A Mx 014 4 43 MP3B X 39.46 2 44 MP3B Z -22.782 2 45 MP3B Mx .017 2 46 MP3B X 39.46 4 47 MP3B X 39.46 4 48 MP3B X 39.46 4 49 MP3C X 57.2	
41 MP3A Z -13.728 4 42 MP3A Mx 014 4 43 MP3B X 39.46 2 44 MP3B Z -22.782 2 45 MP3B Mx .017 2 46 MP3B X 39.46 4 47 MP3B X 57.294 2 50 MP3C X 57.294 2 51 MP3C X 57.294 4 52 MP3C X 57	
42 MP3A Mx 014 4 43 MP3B X 39.46 2 44 MP3B Z -22.782 2 45 MP3B Mx .017 2 46 MP3B X 39.46 4 47 MP3B Z -22.782 4 48 MP3B Mx .017 4 49 MP3C X 57.294 2 50 MP3C Z -33.079 2 51 MP3C Mx .011 2 52 MP3C X 57.294 4 53 MP3C X 57.294 7	
43 MP3B X 39.46 2 44 MP3B Z -22.782 2 45 MP3B Mx .017 2 46 MP3B X 39.46 4 47 MP3B Z -22.782 4 48 MP3B Mx .017 4 49 MP3C X 57.294 2 50 MP3C Z -33.079 2 51 MP3C Mx .011 2 52 MP3C X 57.294 4 53 MP3C X 57.294 4 53 MP3C X 57.294 4 53 MP3C X 57.294 4 54 MP3C X 57.294 4 54 MP3C X 57.294 7 54 MP3C X 57.294 4 55 M132A X 81.727 7 56 M132A X 81.727 7	
44 MP3B Z -22.782 2 45 MP3B Mx .017 2 46 MP3B X 39.46 4 47 MP3B Z -22.782 4 48 MP3B Mx .017 4 49 MP3C X 57.294 2 50 MP3C Z -33.079 2 51 MP3C Mx .011 2 52 MP3C X 57.294 4 53 MP3C X 57.294 4 53 MP3C X 57.294 4 54 MP3C X 57.294 4 55 M132A X 81.727 7 56 M132A X 81.727 7 56 M132A Z -47.185 7 57 M132A X 16.017 4.5 59 MP2A Z -9.248 4.5	
44 MP3B Z -22.782 2 45 MP3B Mx .017 2 46 MP3B X 39.46 4 47 MP3B Z -22.782 4 48 MP3B Mx .017 4 49 MP3C X 57.294 2 50 MP3C Z -33.079 2 51 MP3C Mx .011 2 52 MP3C X 57.294 4 53 MP3C X 57.294 4 53 MP3C X 57.294 4 54 MP3C X 57.294 4 55 M132A X 81.727 7 56 M132A X 81.727 7 56 M132A Z -47.185 7 57 M132A X 16.017 4.5 59 MP2A Z -9.248 4.5	
45 MP3B Mx .017 2 46 MP3B X 39.46 4 47 MP3B Z -22.782 4 48 MP3B Mx .017 4 49 MP3C X 57.294 2 50 MP3C Z -33.079 2 51 MP3C Mx .011 2 52 MP3C X 57.294 4 53 MP3C Z -33.079 4 54 MP3C Mx .011 4 55 M132A X 81.727 7 56 M132A X 81.727 7 57 M132A X 16.017 4.5 59 MP2A X 16.017 4.5 59 MP2A Z -9.248 4.5	
46 MP3B X 39.46 4 47 MP3B Z -22.782 4 48 MP3B Mx .017 4 49 MP3C X 57.294 2 50 MP3C Z -33.079 2 51 MP3C Mx .011 2 52 MP3C X 57.294 4 53 MP3C Z -33.079 4 54 MP3C Mx .011 4 55 M132A X 81.727 7 56 M132A X 81.727 7 57 M132A X 16.017 4.5 59 MP2A X 16.017 4.5 59 MP2A Z -9.248 4.5	
47 MP3B Z -22.782 4 48 MP3B Mx .017 4 49 MP3C X 57.294 2 50 MP3C Z -33.079 2 51 MP3C Mx .011 2 52 MP3C X 57.294 4 53 MP3C Z -33.079 4 54 MP3C Mx .011 4 55 M132A X 81.727 7 56 M132A Z -47.185 7 57 M132A Mx 0 7 58 MP2A X 16.017 4.5 59 MP2A Z -9.248 4.5	
48 MP3B Mx .017 4 49 MP3C X 57.294 2 50 MP3C Z -33.079 2 51 MP3C Mx .011 2 52 MP3C X 57.294 4 53 MP3C Z -33.079 4 54 MP3C Mx .011 4 55 M132A X 81.727 7 56 M132A Z -47.185 7 57 M132A Mx 0 7 58 MP2A X 16.017 4.5 59 MP2A Z -9.248 4.5	
49 MP3C X 57.294 2 50 MP3C Z -33.079 2 51 MP3C Mx .011 2 52 MP3C X 57.294 4 53 MP3C Z -33.079 4 54 MP3C Mx .011 4 55 M132A X 81.727 7 56 M132A Z -47.185 7 57 M132A Mx 0 7 58 MP2A X 16.017 4.5 59 MP2A Z -9.248 4.5	
50 MP3C Z -33.079 2 51 MP3C Mx .011 2 52 MP3C X 57.294 4 53 MP3C Z -33.079 4 54 MP3C Mx .011 4 55 M132A X 81.727 7 56 M132A Z -47.185 7 57 M132A Mx 0 7 58 MP2A X 16.017 4.5 59 MP2A Z -9.248 4.5	
51 MP3C Mx .011 2 52 MP3C X 57.294 4 53 MP3C Z -33.079 4 54 MP3C Mx .011 4 55 M132A X 81.727 7 56 M132A Z -47.185 7 57 M132A Mx 0 7 58 MP2A X 16.017 4.5 59 MP2A Z -9.248 4.5	
52 MP3C X 57.294 4 53 MP3C Z -33.079 4 54 MP3C Mx .011 4 55 M132A X 81.727 7 56 M132A Z -47.185 7 57 M132A Mx 0 7 58 MP2A X 16.017 4.5 59 MP2A Z -9.248 4.5	
53 MP3C Z -33.079 4 54 MP3C Mx .011 4 55 M132A X 81.727 7 56 M132A Z -47.185 7 57 M132A Mx 0 7 58 MP2A X 16.017 4.5 59 MP2A Z -9.248 4.5	
54 MP3C Mx .011 4 55 M132A X 81.727 7 56 M132A Z -47.185 7 57 M132A Mx 0 7 58 MP2A X 16.017 4.5 59 MP2A Z -9.248 4.5	
55 M132A X 81.727 7 56 M132A Z -47.185 7 57 M132A Mx 0 7 58 MP2A X 16.017 4.5 59 MP2A Z -9.248 4.5	
56 M132A Z -47.185 7 57 M132A Mx 0 7 58 MP2A X 16.017 4.5 59 MP2A Z -9.248 4.5	
57 M132A Mx 0 7 58 MP2A X 16.017 4.5 59 MP2A Z -9.248 4.5	
58 MP2A X 16.017 4.5 59 MP2A Z -9.248 4.5	
59 MP2A Z -9.248 4.5	
TOUT INFORM I WIX TOURS TOURS AND	
61 MP2B X 20.975 4.5	
62 MP2B Z -12.11 4.5	
63 MP2B Mx 009 4.5 64 MP2C X 26.613 4.5	
66 MP2C Mx005 4.5	
67 M148B X 33.881 1.5 68 M148B Z -19.561 1.5	
69 M148B Mx 0 1.5	
70 MP1A X 41.536 1.5 71 MP1A Z -23.981 1.5	
72 MP1A Mx .024 1.5	
73 MP1B X 49.545 1.5 74 MP1B Z -28.605 1.5	
75 MP1B Mx022 1.5	
76 MP1C X 58.653 1.5	
77 MP1C Z -33.863 1.5	
78 MP1C Mx012 1.5	
79 MP4B X 120.811 1	
80 MP4B Z -69.75 1	
81 MP4B Mx .053 1	
82 MP4B X 120.811 5	
83 MP4B Z -69.75 5	
84 MP4B Mx .053 5	
85 MP4C X 144.458 1	
86 MP4C Z -83.403 1	

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
87	MP4C	Mx	.029	1
88	MP4C	X	144.458	5
89	MP4C	Z	-83.403	5
90	MP4C	Mx	.029	5
91	MP4A	X	88.047	1
92	MP4A	Z	-50.834	1
93	MP4A	Mx	051	1
94	MP4A	X	88.047	5
95	MP4A	Z	-50.834	5
96	MP4A	Mx	051	5
97	M176A	X	33.881	1.5
98	M176A	Z	-19.561	1.5
99	M176A	Mx	0	1.5
100	M162A	X	33.881	1.5
101	M162A	Z	-19.561	1.5
102	M162A	Mx	0	1.5
103	M1	X	81.727	7
104	M1	Z	-47.185	7
105	M1	Mx	0	7
106	M198	X	0	1.5
107	M198	Z	0	1.5
108	M198	Mx	0	1.5
109	M201	X	0	1.5
110	M201	Z	0	1.5
111	M201	Mx	0	1.5
112	M204	X	0	1.5
113	M204	Z	0	1.5
114	M204	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	Χ	58.401	1
2	MP2A	Z	0	1
3	MP2A	Mx	008	1
4	MP2A	Χ	58.401	5
5	MP2A	Ζ	0	5
6	MP2A	Mx	008	5
7	MP2B	Χ	95.31	1
8	MP2B	Z	0	1
9	MP2B	Mx	036	1
10	MP2B	Χ	95.31	5
11	MP2B	Z	0	5
12	MP2B	Mx	036	5
13	MP2C	Χ	67.915	1
14	MP2C	Z	0	1
15	MP2C	Mx	.051	1
16	MP2C	Χ	67.915	5
17	MP2C	Z	0	5
18	MP2C	Mx	.051	5
19	MP2A	X	113.205	1
20	MP2A	Z	0	1
21	MP2A	Mx	082	1
22	MP2A	Χ	113.205	5
23	MP2A	Z	0	5
24	MP2A	Mx	082	5
25	MP2B	X	145.451	1



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
26	MP2B	Z	0	1
27	MP2B	Mx	.105	1
28	MP2B	X	145.451	5
29	MP2B	Z	0	5
30	MP2B	Mx	.105	5
31	MP2C	X	121.517	1
32	MP2C	Z	0	1
33	MP2C	Mx	.00098	1
34	MP2C	X	121.517	5
35	MP2C	Z	0	5
36	MP2C	Mx	.00098	5
37	MP3A	X	38.413	2
38	MP3A	Z	0	2
39	MP3A	Mx V	017	2
40	MP3A MP3A	X Z	38.413	4
42	MP3A	Mx	017	4
43	MP3B	X	66.158	2
44	MP3B	Z	0	2
45	MP3B	Mx	.011	2
46	MP3B	X	66.158	4
47	MP3B	Z	0	4
48	MP3B	Mx	.011	4
49	MP3C	X	45.565	2
50	MP3C	Z	0	2
51	MP3C	Mx	.017	2
52	MP3C	X	45.565	4
53	MP3C	Z	0	4
54	MP3C	Mx	.017	4
55	M132A	X	106.42	7
56	M132A	Z	0	7
57	M132A	Mx	0	7
58	MP2A	X	21.959	4.5
59	MP2A	Z	0	4.5
60 61	MP2A	Mx V	.01	4.5 4.5
62	MP2B MP2B	X Z	30.73	4.5
63	MP2B	Mx	005	4.5
64	MP2C	X	24.22	4.5
65	MP2C	Z	0	4.5
66	MP2C	Mx	009	4.5
67	M148B	X	43.918	1.5
68	M148B	Z	0	1.5
69	M148B	Mx	0	1.5
70	MP1A	X	53.558	1.5
71	MP1A	Z	0	1.5
72	MP1A	Mx	.023	1.5
73	MP1B	X	67.726	1.5
74	MP1B	Z	0	1.5
75	MP1B	Mx	012	1.5
76	MP1C	X	57.21	1.5
77	MP1C	Z	0	1.5
78	MP1C	Mx	022	1.5
79	MP4B	X	166.806	1
80	MP4B	Z	0	1
81	MP4B	Mx X	.029	1
82	MP4B	X	166.806	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
83	MP4B	Z	0	5
84	MP4B	Mx	.029	5
85	MP4C	X	139.5	1
86	MP4C	Z	0	1
87	MP4C	Mx	.053	1
88	MP4C	X	139.5	5
89	MP4C	Z	0	5
90	MP4C	Mx	.053	5
91	MP4A	X	114.668	1
92	MP4A	Z	0	1
93	MP4A	Mx	05	1
94	MP4A	X	114.668	5
95	MP4A	Z	0	5
96	MP4A	Mx	05	5
97	M176A	X	43.918	1.5
98	M176A	Z	0	1.5
99	M176A	Mx	0	1.5
100	M162A	X	43.918	1.5
101	M162A	Z	0	1.5
102	M162A	Mx	0	1.5
103	M1	X	106.42	7
104	M1	Z	0	7
105	M1	Mx	0	7
106	M198	X	28.683	1.5
107	M198	Z	0	1.5
108	M198	Mx	0	1.5
109	M201	X	28.683	1.5
110	M201	Z	0	1.5
111	M201	Mx	0	1.5
112	M204	X	28.683	1.5
113	M204	Z	0	1.5
114	M204	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	75.824	1
2	MP2A	Ζ	43.777	1
3	MP2A	Mx	.022	1
4	MP2A	X	75.824	5
5	MP2A	Z	43.777	5
6	MP2A	Mx	.022	5
7	MP2B	X	86.925	1
8	MP2B	Z	50.186	1
9	MP2B	Mx	066	1
10	MP2B	X	86.925	5
11	MP2B	Z	50.186	5
12	MP2B	Mx	066	5
13	MP2C	X	39.475	1
14	MP2C	Z	22.791	1
15	MP2C	Mx	.027	1
16	MP2C	X	39.475	5
17	MP2C	Z	22.791	5
18	MP2C	Mx	.027	5
19	MP2A	X	120.096	1
20	MP2A	Z	69.337	1
21	MP2A	Mx	105	1

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

		THE THE TEOD		
00	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
22	MP2A	X	120.096	5
23	MP2A	Z	69.337	5
24	MP2A	Mx	105	5
25	MP2B	X	129.794	1
26	MP2B	Z	74.937	1
27	MP2B	Mx	.073	1
28	MP2B	X	129.794	5
29	MP2B	Z	74.937	5
30	MP2B	Mx	.073	5
31	MP2C	X	88.339	1
32	MP2C	Z	51.003	1
33	MP2C	Mx	.04	1
34	MP2C	X	88.339	5
35	MP2C	Z	51.003	5
36	MP2C	Mx	.04	5
37	MP3A	X	52.245	2
38	MP3A	Z	30.164	2
39	MP3A	Mx	015	2
40	MP3A	X	52.245	4
41	MP3A	Z	30.164	4
42	MP3A	Mx	015	4
43	MP3B	X	60.59	2
44	MP3B	Z	34.982	2
45	MP3B	Mx	006	2
46	MP3B	X	60.59	4
47	MP3B	Z	34.982	4
48	MP3B	Mx	006	4
49	MP3C	X	24.922	2
50	MP3C	Z	14.388	2
51	MP3C	Mx	.014	2
52	MP3C	X	24.922	4
53	MP3C	Z	14.388	4
	MP3C	Mx	.014	4
54				7
55	M132A	X Z	113.033	7
56	M132A		65.26	7
57	M132A MP2A	Mx X	25.017	4.5
58				
59	MP2A	Z	14.443	4.5
60	MP2A	Mx	.007	4.5
61	MP2B	X	27.655	4.5
62	MP2B	Z Mx	15.967	4.5
63	MP2B	Mx	.003	4.5
64	MP2C	X	16.379	4.5
65	MP2C	Z	9.456	4.5
66	MP2C	Mx	009	4.5
67	M148B	X	46.342	1.5
68	M148B	Z	26.755	1.5
69	M148B	Mx	0	1.5
70	MP1A	X	56.074	1.5
71	MP1A	Z	32.374	1.5
72	MP1A	Mx	.016	1.5
73	MP1B	X	60.336	1.5
74	MP1B	Z	34.835	1.5
75	MP1B	Mx	.006	1.5 1.5
76	MP1C	X	42.121	1.5
77	MP1C	Z	24.318	1.5
78	MP1C	Mx	024	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
79	MP4B	X	148.828	1
80	MP4B	Z	85.926	1
81	MP4B	Mx	015	1
82	MP4B	X	148.828	5
83	MP4B	Z	85.926	5
84	MP4B	Mx	015	5
85	MP4C	X	101.533	1
86	MP4C	Z	58.62	1
87	MP4C	Mx	.058	1
88	MP4C	X	101.533	5
89	MP4C	Z	58.62	5
90	MP4C	Mx	.058	5
91	MP4A	X	121.821	1
92	MP4A	Z	70.334	1
93	MP4A	Mx	035	1
94	MP4A	X	121.821	5
95	MP4A	Z	70.334	5
96	MP4A	Mx	035	5
97	M176A	X	46.342	1.5
98	M176A	Z	26.755	1.5
99	M176A	Mx	0	1.5
100	M162A	X	46.342	1.5
101	M162A	Z	26.755	1.5
102	M162A	Mx	0	1.5
103	M1	X	113.033	7
104	M1	Z	65.26	7
105	M1	Mx	0	7
106	M198	X	74.521	1.5
107	M198	Z	43.025	1.5
108	M198	Mx	0	1.5
109	M201	X	74.521	1.5
110	M201	Z	43.025	1.5
111	M201	Mx	0	1.5
112	M204	X	74.521	1.5
113	M204	Z	43.025	1.5
114	M204	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	Χ	51.066	1
2	MP2A	Ζ	88.448	1
3	MP2A	Mx	.06	1
4	MP2A	Χ	51.066	5
5	MP2A	Z	88.448	5
6	MP2A	Mx	.06	5
7	MP2B	Χ	39.02	1
8	MP2B	Z	67.585	1
9	MP2B	Mx	06	1
10	MP2B	Χ	39.02	5
11	MP2B	Ζ	67.585	5
12	MP2B	Mx	06	5
13	MP2C	Χ	25.322	1
14	MP2C	Z	43.86	1
15	MP2C	Mx	.014	1
16	MP2C	Χ	25.322	5
17	MP2C	Z	43.86	5



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

	FOIII LOAUS (BLC 6 . A			
	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
18	MP2C	Mx	.014	5
19	MP2A	X	75.705	1
20	MP2A	Z	131.125	1
21	MP2A	Mx	088	1
22	MP2A	X	75.705	5
23	MP2A	Z	131.125	5
24	MP2A	Mx	088	5
25	MP2B	X	65.181	1
26	MP2B	Z	112.897	1
27	MP2B	Mx	.016	1
28	MP2B	X	65.181	5
29	MP2B	Z	112.897	5
30	MP2B	Mx	.016	5
31	MP2C	X	53.214	1
32	MP2C	Z	92.17	1
33	MP2C	Mx	.071	1
34	MP2C	X	53.214	5
35	MP2C	Z	92.17	5
36	MP2C	Mx	.071	5
37	MP3A	X	35.642	2
38	MP3A	Z	61.734	2
39	MP3A	Mx	0	2
		X	35.642	
40	MP3A	Z		4
41	MP3A		61.734	4
42	MP3A	Mx	0	4
43	MP3B	X	26.588	2
44	MP3B	Z	46.051	2
45	MP3B	Mx	017	2
46	MP3B	X	26.588	4
47	MP3B	Z	46.051	4
48	MP3B	Mx	017	4
49	MP3C	X	16.291	2
50	MP3C	Z	28.217	2
51	MP3C	Mx	.015	2
52	MP3C	X	16.291	4
53	MP3C	Z	28.217	4
54	MP3C	Mx	.015	4
55	M132A	X	71.285	7
56	M132A	Z	123.469	7
57	M132A	Mx	0	7
58	MP2A	X	16.175	4.5
59	MP2A	Z	28.017	4.5
60	MP2A	Mx	0	4.5
61	MP2B	X	13.313	4.5
62	MP2B	Z	23.059	4.5
63	MP2B	Mx	.009	4.5
64	MP2C	X	10.058	4.5
65	MP2C	Z	17.421	4.5
66	MP2C	Mx	009	4.5
67	M148B	X	29.153	1.5
68	M148B	Z	50.495	1.5
69	M148B	Mx	0	1.5
70	MP1A	X	35.172	1.5
71	MP1A	Z	60.92	1.5
72	MP1A	Mx	0	1.5
73	MP1B	X	30.548	1.5
74	MP1B	Z	52.911	1.5
14	IVIFID		02.911	1.0

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
75	MP1B	Mx	.02	1.5
76	MP1C	Χ	25.29	1.5
77	MP1C	Ζ	43.804	1.5
78	MP1C	Mx	024	1.5
79	MP4B	Χ	74.796	1
80	MP4B	Z	129.55	1
81	MP4B	Mx	048	1
82	MP4B	Χ	74.796	5
83	MP4B	Z	129.55	5
84	MP4B	Mx	048	5
85	MP4C	X	61.143	1
86	MP4C	Ζ	105.903	1
87	MP4C	Mx	.057	1
88	MP4C	Χ	61.143	5
89	MP4C	Z	105.903	5
90	MP4C	Mx	.057	5
91	MP4A	X	76.833	1
92	MP4A	Z	133.079	1
93	MP4A	Mx	0	1
94	MP4A	Χ	76.833	5
95	MP4A	Ζ	133.079	5
96	MP4A	Mx	0	5
97	M176A	X	29.153	1.5
98	M176A	Z	50.495	1.5
99	M176A	Mx	0	1.5
100	M162A	X	29.153	1.5
101	M162A	Ζ	50.495	1.5
102	M162A	Mx	0	1.5
103	<u>M1</u>	Χ	71.285	7
104	M1	Z	123.469	7
105	M1	Mx	0	7
106	M198	Χ	57.366	1.5
107	M198	Z	99.362	1.5
108	M198	Mx	0	1.5
109	M201	X	57.366	1.5
110	M201	Z	99.362	1.5
111	M201	Mx	0	1.5
112	M204	Χ	57.366	1.5
113	M204	Z	99.362	1.5
114	M204	Mx	0	1.5

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	87.554	1
3	MP2A	Mx	.066	1
4	MP2A	X	0	5
5	MP2A	Z	87.554	5
6	MP2A	Mx	.066	5
7	MP2B	X	0	1
8	MP2B	Z	50.645	1
9	MP2B	Mx	034	1
10	MP2B	X	0	5
11	MP2B	Z	50.645	5
12	MP2B	Mx	034	5
13	MP2C	X	0	1

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
14	MP2C	Z	78.04	1
15	MP2C	Mx	01	1
16	MP2C	X	0	5
17	MP2C	Z	78.04	5
18	MP2C	Mx	01	5
19	MP2A	X	0	1
20	MP2A	Z	138.675	1
21	MP2A	Mx	035	1
22	MP2A	X	0	5
23	MP2A	Z	138.675	5
24	MP2A	Mx	035	5
25	MP2B	X	0	1
26	MP2B	Z	106.428	1
27	MP2B	Mx	029	1
28	MP2B	X	0	5
29	MP2B	Z	106.428	5
30	MP2B	Mx	029	5
31	MP2C	X	0	1
32	MP2C	Z	130.362	1
33	MP2C	Mx	.1	1
34	MP2C	X	0	5
35	MP2C	Z	130.362	5
36	MP2C	Mx	.1	5
37	MP3A	X	0	2
38	MP3A	Z	60.327	2
39	MP3A	Mx	.015	2
40	MP3A	X	0	4
41	MP3A	Z	60.327	4
42	MP3A	Mx	.015	4
43	MP3B	X	0	2
44	MP3B	Z	32.582	2
45	MP3B	Mx	015	2
46	MP3B	X	0	4
47	MP3B	Z	32.582	4
48	MP3B	Mx	015	4
49	MP3C	X	0	2
50	MP3C	Z	53.176	2
51	MP3C	Mx	.017	2
52	MP3C	X	0	4
53	MP3C	Z	53.176	4
54	MP3C	Mx	.017	4
55	M132A	X	0	7
56	M132A	Z	130.52	7
57	M132A	Mx	0	7
58	MP2A	X	0	4.5
59	MP2A	Z	28.887	4.5
60	MP2A	Mx	007	4.5
61	MP2B	X	0	4.5
62	MP2B		20.116	4.5
63	MP2B	Mx	.009	4.5
64	MP2C	X	0	4.5
65	MP2C	Z	26.626	4.5
66	MP2C	Mx	009	4.5
67	M148B	X	0	1.5
68	M148B	Z	53.511	1.5
69	M148B	Mx	0	1.5
70	MP1A	X	0	1.5



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
71	MP1A	Z	64.749	1.5
72	MP1A	Mx	016	1.5
73	MP1B	X	0	1.5
74	MP1B	Z	50.58	1.5
75	MP1B	Mx	.024	1.5
76	MP1C	X	0	1.5
77	MP1C	Z	61.097	1.5
78	MP1C	Mx	02	1.5
79	MP4B	X	0	1
80	MP4B	Z	122.286	1
81	MP4B	Mx	057	1
82	MP4B	X	0	5
83	MP4B	Z	122.286	5
84	MP4B	Mx	057	5
85	MP4C	X	0	1
86	MP4C	Z	149.592	1
87	MP4C	Mx	.048	1
88	MP4C	X	0	5
89	MP4C	Z	149.592	5
90	MP4C	Mx	.048	5
91	MP4A	X	0	1
92	MP4A	Z	140.667	1
93	MP4A	Mx	.035	1
94	MP4A	X	0	5
95	MP4A	Z	140.667	5
96	MP4A	Mx	.035	5
97	M176A	X	0	1.5
98	M176A		53.511	1.5
99	M176A	Mx	0	1.5
100	M162A	X	0	1.5
101	M162A	Z	53.511	1.5
102	M162A	Mx	0	1.5
103	<u>M1</u>	X	0	7
104	M1	Z	130.52	7
105	M1	Mx	0	7
106	M198	X	0	1.5
107	M198	Z	86.05	1.5
108	M198	Mx	0	1.5
109	M201	X	0	1.5
110	M201	Z	86.05	1.5
111	M201	Mx	0	1.5
112	M204	X	0	1.5
113	M204	Z	86.05	1.5
114	M204	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-29.2	1
2	MP2A	Z	50.577	1
3	MP2A	Mx	.042	1
4	MP2A	X	-29.2	5
5	MP2A	Z	50.577	5
6	MP2A	Mx	.042	5
7	MP2B	X	-22.791	1
8	MP2B	Z	39.475	1
9	MP2B	Mx	018	1



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

Membe	<u>er Point Loads (BLC 10 : </u>	Antenna VVO (210 L	reg)) (Continued)	
	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
10	MP2B	X	-22.791	5
11	MP2B	Z	39.475	5
12	MP2B	Mx	018	5
13	MP2C	X	-50.186	1
14	MP2C	Z	86.925	1
15	MP2C	Mx	049	1
16	MP2C	X	-50.186	5
17	MP2C	Z	86.925	5
18	MP2C	Mx	049	5
19	MP2A	X	-56.602	1
20	MP2A	Z	98.038	1
21	MP2A	Mx	.016	1
22	MP2A	X	-56.602	5
23	MP2A	Z	98.038	5
24	MP2A	Mx	.016	5
				1
25	MP2B	X Z	-51.003	1
26	MP2B		88.339	•
27	MP2B	Mx V	061	1
28	MP2B	X	-51.003	5
29	MP2B	Z	88.339	5
30	MP2B	Mx	061	5
31	MP2C	X	-74.937	1
32	MP2C	Z	129.794	1
33	MP2C	Mx	.099	1
34	MP2C	X	-74.937	5
35	MP2C	Z	129.794	5
36	MP2C	Mx	.099	5
37	MP3A	X Z	-19.206	2
38	MP3A		33.266	2
39	MP3A	Mx	.017	2
40	MP3A	X	-19.206	4
41	MP3A	Z	33.266	4
42	MP3A	Mx	.017	4
43	MP3B	X	-14.388	2
44	MP3B	Z	24.922	2
45	MP3B	Mx	014	2
46	MP3B	X	-14.388	4
47	MP3B	Z	24.922	4
48	MP3B	Mx	014	4
49	MP3C	X	-34.982	2
50	MP3C	Z	60.59	2
51	MP3C	Mx	.006	2
52	MP3C	X	-34.982	4
53	MP3C	Z	60.59	4
54	MP3C	Mx	.006	4
55	M132A	X	-53.21	
56	M132A M132A	Z	92.162	7
57	M132A M132A	Mx	0	7
58	MP2A	X	-10.98	4.5
59	MP2A	Z	19.017	4.5
60	MP2A	Mx	01	4.5
	MP2B			
61		X	-9.456	4.5
62	MP2B	Z	16.379	4.5
63	MP2B	Mx	.009	4.5
64	MP2C	X	-15.967	4.5
65	MP2C	Z	27.655	4.5
66	MP2C	Mx	003	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
67	M148B	X	-21.959	1.5
68	M148B	Z	38.034	1.5
69	M148B	Mx	0	1.5
70	MP1A	X	-26.779	1.5
71	MP1A	Z	46.382	1.5
72	MP1A	Mx	023	1.5
73	MP1B	X	-24.318	1.5
74	MP1B	Z	42.121	1.5
75	MP1B	Mx	.024	1.5
76	MP1C	X	-34.835	1.5
77	MP1C	Z	60.336	1.5
78	MP1C	Mx	006	1.5
79	MP4B	X	-58.62	1
80	MP4B	Z	101.533	1
81	MP4B	Mx	058	1
82	MP4B	X	-58.62	5
83	MP4B	Z	101.533	5
84	MP4B	Mx	058	5
85	MP4C	X	-85.926	1
86	MP4C	Z	148.828	1
87	MP4C	Mx	.015	1
88	MP4C	X	-85.926	5
89	MP4C	Z	148.828	5
90	MP4C	Mx	.015	5
91	MP4A	X	-57.334	1
92	MP4A	Z	99.305	1
93	MP4A	Mx	.05	1
94	MP4A	X	-57.334	5
95	MP4A	Z	99.305	5
96	MP4A	Mx	.05	5
97	M176A	X	-21.959	1.5
98	M176A	Z	38.034	1.5
99	M176A	Mx	0	1.5
100	M162A	X	-21.959	1.5
101	M162A	Z	38.034	1.5
102	M162A	Mx	0	1.5
103	<u>M1</u>	X	-53.21	7
104	<u>M1</u>	Z	92.162	7
105	M1	Mx	0	7
106	M198	X	-14.342	1.5
107	M198	Z	24.84	1.5
108	M198	Mx	0	1.5
109	M201	X	-14.342	1.5
110	M201	Z	24.84	1.5
111	M201	Mx	0	1.5
112	M204	X	-14.342	1.5
113	M204	Z	24.84	1.5
114	M204	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-37.953	1
2	MP2A	Z	21.912	1
3	MP2A	Mx	.022	1
4	MP2A	Χ	-37.953	5
5	MP2A	Z	21.912	5

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

	iber Form Loads (BLC 11.)			
	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
6	MP2A	Mx	.022	5
7	MP2B	X	-58.816	1
8	MP2B	Z	33.958	1
9	MP2B	Mx	000548	1
10	MP2B	X	-58.816	5
11	MP2B	Z	33.958	5
12	MP2B	Mx	000548	5
13	MP2C	X	-82.541	1
14	MP2C	Z	47.655	1
15	MP2C	Mx	069	1
16	MP2C	X	-82.541	5
17	MP2C	Z	47.655	5
18	MP2C	Mx	069	5
19	MP2A	X	-87.009	<u> </u>
20		Z		1
	MP2A		50.235	
21	MP2A	Mx	.05	1
22	MP2A	X	-87.009	5
23	MP2A	Z	50.235	5
24	MP2A	Mx	.05	5
25	MP2B	X	-105.237	1
26	MP2B	Z	60.758	1
27	MP2B	Mx	092	1
28	MP2B	X	-105.237	5
29	MP2B	Z	60.758	5
30	MP2B	Mx	092	5
31	MP2C	X	-125.964	1
32	MP2C	Z	72.725	1
33	MP2C	Mx	.055	1
34	MP2C	X	-125.964	5
35	MP2C	Z	72.725	5
36	MP2C	Mx	.055	5
37	MP3A	X	-23.777	2
38	MP3A	Z	13.728	2
39	MP3A	Mx	.014	2
40	MP3A	X	-23.777	4
41	MP3A	Z	13.728	4
42				
	MP3A	Mx	.014	4
43	MP3B	X	-39.46	2
44	MP3B	Z	22.782	2
45	MP3B	Mx	017	2
46	MP3B	X	-39.46	4
47	MP3B	Z	22.782	4
48	MP3B	Mx	017	4
49	MP3C	X	-57.294	2
50	MP3C	Z	33.079	2
51	MP3C	Mx	011	2
52	MP3C	X	-57.294	4
53	MP3C	Z	33.079	4
54	MP3C	Mx	011	4
55	M132A	X	-81.727	7
56	M132A	Z	47.185	7
57	M132A	Mx	0	7
58	MP2A	X	-16.017	4.5
59	MP2A	Z	9.248	4.5
60	MP2A	Mx	009	4.5
61	MP2B	X	-20.975	4.5
62		Z	12.11	4.5
02	MP2B		12.11	4.0

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
63	MP2B	Mx	.009	4.5
64	MP2C	X	-26.613	4.5
65	MP2C	Z	15.365	4.5
66	MP2C	Mx	.005	4.5
67	M148B	X	-33.881	1.5
68	M148B	Z	19.561	1.5
69	M148B	Mx	0	1.5
70	MP1A	X	-41.536	1.5
71	MP1A	Z	23.981	1.5
72	MP1A	Mx	024	1.5
73	MP1B	X	-49.545	1.5
74	MP1B	Z	28.605	1.5
75	MP1B	Mx	.022	1.5
76	MP1C	X	-58.653	1.5
77	MP1C	Z	33.863	1.5
78	MP1C	Mx	.012	1.5
79	MP4B	X	-120.811	1
80	MP4B	Z	69.75	1
81	MP4B	Mx	053	1
82	MP4B	X	-120.811	5
83	MP4B	Z	69.75	5
84	MP4B	Mx	053	5
85	MP4C	X	-144.458	1
86	MP4C	Z	83.403	1
87	MP4C	Mx	029	1
88	MP4C	X	-144.458	5
89	MP4C	Z	83.403	5
90	MP4C	Mx	029	5
91	MP4A	X	-88.047	1
92	MP4A	Z	50.834	1
93	MP4A	Mx	.051	1
94	MP4A	X	-88.047	5
95	MP4A	Z	50.834	5
96	MP4A	Mx	.051	5
97	M176A	X	-33.881	1.5
98	M176A	Z	19.561	1.5
99	M176A	Mx	0	1.5
100	M162A	X	-33.881	1.5
101	M162A	Ž	19.561	1.5
102	M162A	Mx	0	1.5
103	M1		-81.727	7
104	M1	X Z	47.185	7
105	M1	Mx	0	7
106	M198	X	0	1.5
107	M198	Z	0	1.5
108	M198	Mx	0	1.5
109	M201	X	0	1.5
110	M201	Z	0	1.5
111	M201	Mx	0	1.5
112	M204	X	0	1.5
113	M204	Z	0	1.5
114	M204	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-58.401	1



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

	Marshard and			Langting [ft 0/]
2	Member Label MP2A	Direction Z	Magnitude[lb,k-ft] 0	Location[ft,%]
3	MP2A	Mx	.008	1
4	MP2A	X	-58.401	5
5	MP2A	Z	0	5
6	MP2A	Mx	.008	5
7	MP2B	X	-95.31	1
8	MP2B	Z	-95.51	1
9	MP2B	Mx	.036	1
10	MP2B	X	-95.31	5
11	MP2B	Z	0	5
12	MP2B	Mx	.036	5
13	MP2C	X	-67.915	1
14	MP2C	Z	0	1
15	MP2C	Mx	051	1
16	MP2C	X	-67.915	5
17	MP2C	Z	0	5
18	MP2C	Mx	051	5
19	MP2A	X	-113.205	1
20	MP2A	Z	-113.203	1
21	MP2A	Mx	.082	1
22	MP2A	X	-113.205	5
23	MP2A	Z	-113.203	5
24	MP2A	Mx	.082	5
25	MP2B	X	-145.451	1
26	MP2B	Z	0	1
27	MP2B	Mx	105	1
28	MP2B	X	-145.451	5
29	MP2B	Z	-145.451	
30	MP2B	Mx	105	<u>5</u> 5
31	MP2C	X	-121.517	1
32	MP2C	Z	0	1
33	MP2C MP2C	Mx	00098	1
34	MP2C MP2C	X	-121.517	5
35	MP2C MP2C	Z	0	5
36	MP2C	Mx	00098	5
37	MP3A	X	-38.413	2
38	MP3A	Z	0	2
39	MP3A	Mx	.017	2
40	MP3A	X	-38.413	4
41	MP3A	Z	0	4
42	MP3A	Mx	.017	4
43	MP3B	X	-66.158	2
44	MP3B	Z	-00.138	2
45	MP3B	Mx	011	2
46	MP3B	X	-66.158	4
47	MP3B	Z	0	4
48	MP3B	Mx	011	4
49	MP3C	X	-45.565	
50	MP3C MP3C	Z	-45.565	2 2
51	MP3C	Mx	017	2
52	MP3C MP3C	X	017 -45.565	4
53	MP3C MP3C	Z	-45.505 0	4
54	MP3C MP3C	Mx	017	4
55	MP3C M132A	X	-106.42	7
	M132A M132A	Z		7
<u>56</u> 57	M132A M132A	Mx	0	7
				4.5
58	MP2A	X	-21.959	4.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
59	MP2A	Z	0	4.5
60	MP2A	Mx	01	4.5
61	MP2B	X	-30.73	4.5
62	MP2B	Z	0	4.5
63	MP2B	Mx	.005	4.5
64	MP2C	X	-24.22	4.5
65	MP2C	Z	0	4.5
66	MP2C	Mx	.009	4.5
67	M148B	X	-43.918	1.5
68	M148B	Z	0	1.5
69	M148B	Mx	0	1.5
70	MP1A	X	-53.558	1.5
71	MP1A	Z	0	1.5
72	MP1A	Mx	023	1.5
73 74	MP1B MP1B	X	-67.726	1.5 1.5
			.012	
75 76	MP1B MP1C	Mx X	-57.21	1.5 1.5
77	MP1C	Z	-57.21	1.5
78	MP1C	Mx	.022	1.5
79	MP4B	X	-166.806	1.5
80	MP4B	Z	0	1
81	MP4B	Mx	029	1
82	MP4B	X	-166.806	5
83	MP4B	Z	0	5
84	MP4B	Mx	029	5
85	MP4C	X	-139.5	1
86	MP4C	Ž	0	1
87	MP4C	Mx	053	1
88	MP4C	X	-139.5	5
89	MP4C	Z	0	5
90	MP4C	Mx	053	5
91	MP4A	X	-114.668	1
92	MP4A	Z	0	1
93	MP4A	Mx	.05	1
94	MP4A	X	-114.668	5
95	MP4A	Z	0	5
96	MP4A	Mx	.05	5
97	M176A	X	-43.918	1.5
98	M176A	Z	0	1.5
99	M176A	Mx	0	1.5
100	M162A	X	-43.918	1.5
101	M162A	Z	0	1.5
102 103	M162A M1	Mx X	-106.42	1.5 7
103	 M1	Z	-106.42	7
105	M1	Mx	0	7
106	M198	X	-28.683	1.5
107	M198	Z	-20.003	1.5
108	M198	Mx	0	1.5
109	M201	X	-28.683	1.5
110	M201	Z	0	1.5
111	M201	Mx	0	1.5
112	M204	X	-28.683	1.5
113	M204	Z	0	1.5
114	M204	Mx	0	1.5
			·	



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

	Manakan lakal			I +: F6+ 0/ 1
1	Member Label MP2A	Direction X	Magnitude[lb,k-ft] -75.824	Location[ft,%]
2	MP2A	Z	-43.777	1
3	MP2A	Mx	-43.777	1
4	MP2A	X	-75.824	5
5	MP2A	Z	-43.777	5
6	MP2A	Mx	022	5
7	MP2B	X	-86.925	1
8	MP2B	Z	-50.186	1
9	MP2B	Mx	.066	1
10	MP2B	X	-86.925	5
11	MP2B	Z	-50.186	5
12	MP2B	Mx	.066	5
13	MP2C	X	-39.475	1
14	MP2C	Z	-22.791	1
15	MP2C	Mx	027	1
16	MP2C	X	-39.475	5
17	MP2C	Z	-22.791	5
18	MP2C	Mx	027	5
19	MP2A	X	-120.096	1
20	MP2A	Z	-69.337	1
21	MP2A	Mx	.105	1
22	MP2A	X	-120.096	5
23	MP2A	Z	-69.337	5
24	MP2A	Mx	.105	5
25	MP2B	X	-129.794	1
26	MP2B	Z	-74.937	1
27	MP2B	Mx	073	1
28	MP2B	X	-129.794	5
29	MP2B	Z	-74.937	5
30	MP2B	Mx	073	5
31	MP2C	X	-88.339	1
32	MP2C	Z	-51.003	1
33	MP2C	Mx	04	1
34	MP2C	X	-88.339	5
35	MP2C	Z	-51.003	5
36	MP2C	Mx	04	5
37	MP3A	X	-52.245	2
38	MP3A	Z	-30.164	2
39	MP3A	Mx	.015	2
40	MP3A	X	-52.245	4
41	MP3A	Z	-30.164	4
42	MP3A	Mx	.015	4
43	MP3B	X	-60.59	2
44	MP3B	Z	-34.982	2
45	MP3B	Mx	.006	2
46	MP3B	X	-60.59	4
47	MP3B	Z	-34.982	4
48	MP3B	Mx	.006	4
49	MP3C	X	-24.922	2
50	MP3C	Z	-14.388	2
51	MP3C	Mx	014	2
52	MP3C	X	-24.922	4
53	MP3C	Z	-14.388	4
54	MP3C	Mx	014	4
55	M132A	X	-113.033	7
<u>56</u>	M132A	Z	-65.26	7
57	M132A	Mx	0	7



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

Member Label Direction Magnitude(blo-fil) Location(fil) September Location		ber Fullit Loads (BLC 13 . A			
60 MP2B X -007 4.5 61 MP2B X -27.655 4.5 62 MP2B Z -15.967 4.5 63 MP2B Mx -003 4.5 64 MP2C X -16.379 4.5 65 MP2C Mx 009 4.5 66 MP2C Mx 009 4.5 67 M148B X -46.342 1.5 68 M148B X -46.342 1.5 70 MP1A X -56.074 1.5 71 MP1A X -56.074 1.5 71 MP1A X -50.336 1.5 72 MP1A Mx -016 1.5 73 MP1B X -50.336 1.5 74 MP1B X -50.336 1.5 75 MP1B X -40.3423 1.5 76 <					
60 MP2B X -007 4.5 61 MP2B X -27.655 4.5 62 MP2B Z -15.967 4.5 63 MP2B Mx -003 4.5 64 MP2C X -16.379 4.5 65 MP2C Mx 009 4.5 66 MP2C Mx 009 4.5 67 M148B X -46.342 1.5 68 M148B X -46.342 1.5 70 MP1A X -56.074 1.5 71 MP1A X -56.074 1.5 71 MP1A X -50.336 1.5 72 MP1A Mx -016 1.5 73 MP1B X -50.336 1.5 74 MP1B X -50.336 1.5 75 MP1B X -40.3423 1.5 76 <			X		4.5
61 MP2B X -27 655 4.5 63 MP2B Z -15,967 4.5 63 MP2B Mx -003 4.5 64 MP2C X -16,379 4.5 65 MP2C Z -9,456 4.5 66 MP2C MX 009 4.5 67 M148B X -46,342 1.5 68 M148B Z -226,755 1.5 69 M148B Mx 0 1.5 70 MP1A X -56,074 1.5 71 MP1A X -56,074 1.5 71 MP1A X -56,074 1.5 72 MP1A Mx -016 1.5 73 MP1B X -60,336 1.5 74 MP1B X -60,336 1.5 75 MP1B Mx -006 1.5 76 <t< td=""><td></td><td></td><td></td><td></td><td></td></t<>					
62 MP2B X -15,967 4,5 64 MP2C X -16,379 4,5 66 MP2C Z 9,466 4,5 66 MP2C MX -009 4,5 67 M148B X -46,342 1,5 68 M148B X -46,342 1,5 69 M148B MX 0 1,5 70 MP1A X -56,074 1,5 71 MP1A Z -32,374 1,5 71 MP1A X -56,074 1,5 72 MP1A Mx -016 1,5 73 MP1B X -60,336 1,5 74 MP1B X -60,336 1,5 75 MP1B MX -006 1,5 75 MP1B MX -006 1,5 77 MP1C X 42,121 1,5 79					
63 MP2C X -16.379 4.5 66 MP2C Z -9.466 4.5 66 MP2C Mx .009 4.5 67 M148B X -46.342 1.5 68 M148B X -46.342 1.5 68 M148B Mx 0 1.5 70 MP1A X -56.074 1.5 70 MP1A X -56.074 1.5 71 MP1A X -56.074 1.5 72 MP1A X -56.074 1.5 72 MP1A X -56.074 1.5 72 MP1B X -56.074 1.5 73 MP1B X -60.366 1.5 73 MP1B X -60.366 1.5 73 MP1B X -40.2121 1.5 75 MP1B Mx -0.06 1.5 76					
64 MP2C X -16.379 4.5 66 4.5 66 M52C Z -9.456 4.5 66 MP2C Mx .009 4.5 66 M7 M148B X -46.342 1.5 68 M148B X -46.342 1.5 56 9 M148B Mx 0 1.5 70 MP1A X -56.074 1.5 56 9 M148B Mx 0 1.5 70 MP1A X -56.074 1.5 71 MP1A Mx -016 1.5 71 MP1A Mx -016 1.5 72 MP1A Mx -016 1.5 72 MP1A Mx -016 1.5 74 MP1B X -60.336 1.5 1.5 74 MP1B X -60.336 1.5 74 442.121 1.5 75 MP1B Mx -006 1.5 76 MP1B X -42.318 1.5 78 78 <					
65 MP2C Z -9.456 4.5 66 MP2C Mx 009 4.5 67 M148B X -46.342 1.5 68 M148B X -46.342 1.5 68 M148B X -46.342 1.5 69 M148B Mx 0 1.5 70 MP1A X -56.074 1.5 70 MP1A X -56.074 1.5 71 MP1A X -56.074 1.5 72 MP1A Mx -0.06 1.5 73 MP1B X -60.36 1.5 74 MP1B X -60.36 1.5 75 MP1B Mx -006 1.5 76 MP1B Mx -006 1.5 77 MP1C X -42.121 1.5 77 MP1C Mx 0.44 1.5 79 M					4.5
66 MP2C Mx .009 4.5 67 M148B X .46,342 1.5 68 M148B Z .26,755 1.5 69 M148B X .56,074 1.5 70 MP1A X .56,074 1.5 71 MP1A X .56,074 1.5 71 MP1A X .56,074 1.5 72 MP1A Mx .016 1.5 73 MP1B X .60,336 1.5 74 MP1B X .40,336 1.5 75 MP1B X .40,336 1.5 76 MP1B Mx .006 1.5 77 MP1C X .42,121 1.5 77 MP1C X .42,21 1.5 77 MP1C Mx .024 1.5 79 MP4B X .148,828 1 80	64	MP2C	X	-16.379	
67 M148B X -46.342 1.5 68 M148B Z -26.755 1.5 69 M148B Mx 0 1.5 70 MP1A X -56.074 1.5 71 MP1A X -56.074 1.5 72 MP1A Mx -56.074 1.5 72 MP1A Mx -60.336 1.5 73 MP1B X -60.336 1.5 74 MP1B X -60.336 1.5 75 MP1B Mx -006 1.5 76 MP1C X -42.121 1.5 77 MP1C Z -24.318 1.5 77 MP1C Mx .024 1.5 79 MP4B X -148.828 1 80 MP4B X -148.828 1 81 MP4B X -148.828 5 83	65				
68 M148B Z -26,755 1.5 69 M148B Mx 0 1.5 70 MP1A X -56,074 1.5 71 MP1A X -56,074 1.5 71 MP1A Mx -016 1.5 72 MP1A Mx -016 1.5 73 MP1B X -60,336 1.5 74 MP1B Z -34,835 1.5 75 MP1B Mx -006 1.5 76 MP1B Mx -006 1.5 76 MP1B Mx -42,121 1.5 77 MP1C X -42,121 1.5 78 MP1C Mx -424,212 1.5 79 MP4B X -148,828 1 80 MP4B X -148,828 1 81 MP4B Mx 0.15 1 82 M		MP2C		.009	
69 M148B Mx 0 1.5 70 MP1A X -56.074 1.5 71 MP1A Z -32.374 1.5 72 MP1A Mx -016 1.5 73 MP1B X -60.336 1.5 74 MP1B X -60.336 1.5 75 MP1B Mx -006 1.5 76 MP1C X -42.121 1.5 76 MP1C X -42.121 1.5 77 MP1C X -42.121 1.5 79 MP4B X -148.828 1 80 MP4B Z -85.926 1 81 MP4B X -148.828 5 83 MP4B X -148.828 5 84 MP4B X -148.828 5 84 MP4B X -101.533 1 86 MP	67	M148B	X	-46.342	1.5
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Member Point Loads (BLC 14 : Antenna Wo (330 Deg))

Member Label Different Magnitude Different D		CIT OME LOUGS (BLO 14.1			
2	4	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
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MP2A					1
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22 MP2A X -75,705 5 23 MP2A Z -131,125 5 24 MP2A Mx .088 5 25 MP2B X .65,181 1 26 MP2B X .65,181 1 27 MP2B MX .016 1 28 MP2B X .65,181 5 29 MP2B X .65,181 5 30 MP2B X .65,181 5 30 MP2B X .65,181 5 31 MP2C X .53,214 1 32 MP2C X .53,214 1 32 MP2C X .53,214 1 33 MP2C MX .071 1 34 MP2C X .53,214 5 35 MP2C X .53,214 5 36 MP2C MX					•
23 MP2A Z -131.125 5 24 MP2B X -65.181 1 26 MP2B Z -112.897 1 27 MP2B MX -016 1 28 MP2B X -65.181 5 29 MP2B Z -112.897 5 30 MP2B MX -016 5 31 MP2C X -53.214 1 32 MP2C Z -92.17 1 33 MP2C X -53.214 1 34 MP2C X -53.214 5 35 MP2C X -53.214 5 36 MP2C X -53.214 5 36 MP2C X -53.214 5 37 MP3A X -35.642 2 38 MP3A X -35.642 2 38 MP3A <td< td=""><td></td><td></td><td>Mx</td><td></td><td></td></td<>			Mx		
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26 MP2B Z -112.897 1 27 MP2B Mx 016 1 28 MP2B X -65.181 5 29 MP2B Z -112.897 5 30 MP2B Mx 016 5 31 MP2C X -53.214 1 32 MP2C Z -92.17 1 33 MP2C MX 071 1 34 MP2C MX -53.214 5 35 MP2C X -53.214 5 35 MP2C X -53.214 5 36 MP2C X -53.214 5 36 MP2C X -53.214 5 37 MP3A X -35.642 2 38 MP2C Mx -0.071 5 37 MP3A X -35.642 2 38 MP3A <t< td=""><td></td><td></td><td></td><td></td><td></td></t<>					
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29 MP2B Z -112.897 5 30 MP2B Mx 016 5 31 MP2C X -53.214 1 32 MP2C Z -92.17 1 33 MP2C Mx 071 1 34 MP2C X -53.214 5 35 MP2C Z -92.17 5 36 MP2C Mx 071 5 36 MP2C Mx 071 5 37 MP3A X 35.642 2 38 MP3A X 35.642 2 39 MP3A X 35.642 4 40 MP3A X 35.642 4 41 MP3A					•
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31 MP2C X -53.214 1 32 MP2C Z -92.17 1 33 MP2C Mx 071 1 34 MP2C X -53.214 5 35 MP2C Z -92.17 5 36 MP2C Mx 071 5 37 MP3A X -35.642 2 38 MP3A X -35.642 2 39 MP3A X -35.642 4 40 MP3A X -35.642 4 41 MP3A X -36.628 4 41 MP3A X					
32 MP2C Z -92.17 1 33 MP2C Mx 071 1 34 MP2C X -53.214 5 35 MP2C Z -92.17 5 36 MP2C Mx 071 5 37 MP3A X -35.642 2 38 MP3A X -35.642 2 39 MP3A X -35.642 4 40 MP3A X -35.642 4 41 MP3A X -26.588 2 44 MP3B X					5
33 MP2C Mx 071 1 34 MP2C X -53.214 5 35 MP2C Z -92.17 5 36 MP2C Mx 071 5 37 MP3A X -35.642 2 38 MP3A Z -61.734 2 39 MP3A Mx 0 2 40 MP3A X -35.642 4 41 MP3A Mx 0 2 40 MP3A X -35.642 4 41 MP3B X			X		1
34 MP2C X -53.214 5 35 MP2C Z -92.17 5 36 MP2C Mx 071 5 37 MP3A X -35.642 2 38 MP3A Z -61.734 2 39 MP3A MX 0 2 40 MP3A X -35.642 4 41 MP3A X -36.688 2 44 MP3B X -26.588 2 45 MP3B X <td></td> <td></td> <td></td> <td></td> <td>1</td>					1
35 MP2C Z -92.17 5 36 MP2C Mx 071 5 37 MP3A X -35.642 2 38 MP3A Z -61.734 2 39 MP3A Mx 0 2 40 MP3A X -35.642 4 41 MP3B X -26.588 2 45 MP3B X <td></td> <td></td> <td></td> <td></td> <td></td>					
36 MP2C Mx 071 5 37 MP3A X -35.642 2 38 MP3A Z -61.734 2 39 MP3A Mx 0 2 40 MP3A X -35.642 4 41 MP3A X -35.642 4 42 MP3A X -35.642 4 42 MP3A X -26.588 2 4 MP3B X -26.588 2 47 MP3B X -26.588 4 47 MP3B X -26.588 4 47 MP3B X <td></td> <td></td> <td>X</td> <td></td> <td></td>			X		
37 MP3A X -35.642 2 38 MP3A Z -61.734 2 39 MP3A Mx 0 2 40 MP3A X -35.642 4 41 MP3A Z -61.734 4 42 MP3A Mx 0 4 43 MP3B X -26.588 2 44 MP3B Z -46.051 2 45 MP3B X -26.588 4 47 MP3B Mx -017 4 48 MP3B Mx -017 4 49 MP3C X					
38 MP3A Z -61.734 2 39 MP3A Mx 0 2 40 MP3A X -35.642 4 41 MP3A Z -61.734 4 42 MP3A Mx 0 4 43 MP3B X -26.588 2 44 MP3B X -26.588 2 45 MP3B Mx .017 2 46 MP3B X -26.588 4 47 MP3B X -16.291 2 50 MP3C X					
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40 MP3A X -35.642 4 41 MP3A Z -61.734 4 42 MP3A Mx 0 4 43 MP3B X -26.588 2 44 MP3B Z -46.051 2 45 MP3B Mx .017 2 46 MP3B X -26.588 4 47 MP3B X -16.291 4 48 MP3B MX -0.17 4 49 MP3C X -16.291 2 50 MP3C X -16.291 4 51 MP3C X -16.291 4 52 MP3C X -16.291 4		MP3A		-61.734	
41 MP3A Z -61.734 4 42 MP3A Mx 0 4 43 MP3B X -26.588 2 44 MP3B Z -46.051 2 45 MP3B Mx .017 2 46 MP3B X -26.588 4 47 MP3B Z -46.051 4 48 MP3B Mx .017 4 49 MP3C X -16.291 2 50 MP3C Z -28.217 2 51 MP3C Mx 015 2 52 MP3C X -16.291 4 53 MP3C X -16.291 4 54 MP3C X -16.291 4 55 M132A X -71.285 7 56 M132A Z -123.469 7					
42 MP3A Mx 0 4 43 MP3B X -26.588 2 44 MP3B Z -46.051 2 45 MP3B Mx .017 2 46 MP3B X -26.588 4 47 MP3B Z -46.051 4 48 MP3B Mx .017 4 49 MP3C X -16.291 2 50 MP3C Z -28.217 2 51 MP3C Mx 015 2 52 MP3C X -16.291 4 53 MP3C X -16.291 4 54 MP3C X -16.291 4 55 M132A X -71.285 7 56 M132A Z -123.469 7					
43 MP3B X -26.588 2 44 MP3B Z -46.051 2 45 MP3B Mx .017 2 46 MP3B X -26.588 4 47 MP3B Z -46.051 4 48 MP3B Mx .017 4 49 MP3C X -16.291 2 50 MP3C Z -28.217 2 51 MP3C Mx 015 2 52 MP3C X -16.291 4 53 MP3C X -28.217 4 54 MP3C X -015 4 55 M132A X -71.285 7 56 M132A Z -123.469 7	41				4
45 MP3B Mx .017 2 46 MP3B X -26.588 4 47 MP3B Z -46.051 4 48 MP3B Mx .017 4 49 MP3C X -16.291 2 50 MP3C Z -28.217 2 51 MP3C Mx 015 2 52 MP3C X -16.291 4 53 MP3C Z -28.217 4 54 MP3C Mx 015 4 55 M132A X -71.285 7 56 M132A Z -123.469 7					
45 MP3B Mx .017 2 46 MP3B X -26.588 4 47 MP3B Z -46.051 4 48 MP3B Mx .017 4 49 MP3C X -16.291 2 50 MP3C Z -28.217 2 51 MP3C Mx 015 2 52 MP3C X -16.291 4 53 MP3C Z -28.217 4 54 MP3C Mx 015 4 55 M132A X -71.285 7 56 M132A Z -123.469 7			X		2
46 MP3B X -26.588 4 47 MP3B Z -46.051 4 48 MP3B Mx .017 4 49 MP3C X -16.291 2 50 MP3C Z -28.217 2 51 MP3C MX 015 2 52 MP3C X -16.291 4 53 MP3C Z -28.217 4 54 MP3C Mx 015 4 55 M132A X -71.285 7 56 M132A Z -123.469 7					
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48 MP3B Mx .017 4 49 MP3C X -16.291 2 50 MP3C Z -28.217 2 51 MP3C Mx 015 2 52 MP3C X -16.291 4 53 MP3C Z -28.217 4 54 MP3C Mx 015 4 55 M132A X -71.285 7 56 M132A Z -123.469 7			X		
49 MP3C X -16.291 2 50 MP3C Z -28.217 2 51 MP3C Mx 015 2 52 MP3C X -16.291 4 53 MP3C Z -28.217 4 54 MP3C Mx 015 4 55 M132A X -71.285 7 56 M132A Z -123.469 7					
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51 MP3C Mx 015 2 52 MP3C X -16.291 4 53 MP3C Z -28.217 4 54 MP3C Mx 015 4 55 M132A X -71.285 7 56 M132A Z -123.469 7	49		X		2
52 MP3C X -16.291 4 53 MP3C Z -28.217 4 54 MP3C Mx 015 4 55 M132A X -71.285 7 56 M132A Z -123.469 7					2
52 MP3C X -16.291 4 53 MP3C Z -28.217 4 54 MP3C Mx 015 4 55 M132A X -71.285 7 56 M132A Z -123.469 7	51		Mx		2
53 MP3C Z -28.217 4 54 MP3C Mx 015 4 55 M132A X -71.285 7 56 M132A Z -123.469 7	52	MP3C	X	-16.291	4
54 MP3C Mx 015 4 55 M132A X -71.285 7 56 M132A Z -123.469 7					
56 M132A Z -123.469 7	54				
56 M132A Z -123.469 7	55	M132A	X		
	56	M132A	Z		
	57	M132A	Mx	0	7

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

	ber I offit Louds (BLO 14.1			
	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP2A	X	-16.175	4.5
59	MP2A	Z	-28.017	4.5
60	MP2A	Mx	0	4.5
61	MP2B	X	-13.313	4.5
		Z		4.5
62	MP2B		-23.059	4.5
63	MP2B	Mx	009	4.5
64	MP2C	X	-10.058	4.5
65	MP2C	Z	-17.421	4.5
66	MP2C	Mx	.009	4.5
67	M148B	X	-29.153	1.5
68	M148B	Z	-50.495	1.5
69	M148B	Mx	0	1.5
70	MP1A	X	-35.172	1.5
71	MP1A	Z	-60.92	1.5
72	MP1A	Mx	0	1.5
73	MP1B	X	-30.548	1.5
74	MP1B	Z	-52.911	1.5
75	MP1B	Mx	02	1.5
76	MP1C	X	-25.29	1.5
77	MP1C	Z	-43.804	1.5
78	MP1C	Mx	.024	1.5
79	MP4B	X	-74.796	1.5
				·
80	MP4B	Z	-129.55	1
81	MP4B	Mx	.048	1
82	MP4B	X	-74.796	5
83	MP4B	Z	-129.55	5
84	MP4B	Mx	.048	5
85	MP4C	X	-61.143	1
86	MP4C	Z	-105.903	1
87	MP4C	Mx	057	1
88	MP4C	X	-61.143	5
		Z		
89	MP4C		-105.903	5
90	MP4C	Mx	057	5
91	MP4A	X	-76.833	1
92	MP4A	Z	-133.079	1
93	MP4A	Mx	0	1
94	MP4A	X	-76.833	5
95	MP4A	Z	-133.079	5
96	MP4A	Mx	0	5
97	M176A	X	-29.153	1.5
98	M176A M176A			1.5
		Z	-50.495	1.5
99	M176A	Mx	0	1.5
100	M162A	X	-29.153	1.5
101	M162A	Z	-50.495	1.5
102	M162A	Mx	0	1.5
103	M1	X	-71.285	7
104	M1	Z	-123.469	7
105	M1	Mx	0	7
106	M198	X	-57.366	1.5
107	M198	Z	-99.362	1.5
				1.0
108	M198	Mx	0	1.5
109	M201	X	-57.366	1.5
110	M201	Z	-99.362	1.5
111	M201	Mx	0	1.5
112	M204	X	-57.366	1.5
113	M204	Z	-99.362	1.5
114	M204	Mx	0	1.5
	IIIZV I	1717		1.0

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	-24.774	1
3	MP2A	Mx	019	1
4	MP2A	X	0	5
5	MP2A	Z	-24.774	5
6	MP2A	Mx	019	5
7	MP2B	X	0	1
8	MP2B	Z	-19.502	1
9	MP2B	Mx	.013	1
10	MP2B	X	0	5
11	MP2B	Z	-19.502	5
12	MP2B	Mx	.013	5
13	MP2C	X	0	1
14	MP2C		-23.415	1
15	MP2C	Mx	.003	1
16	MP2C	X	0	5
17	MP2C	Z	-23.415	5
18	MP2C	Mx	.003	5
19	MP2A	X	0	1
20	MP2A		-24.774	1
21	MP2A	Mx	.006	1
22	MP2A	X Z	0	5
23	MP2A		-24.774	5
24	MP2A	Mx	.006	5
25	MP2B	X	0	1
26	MP2B		-19.502	
27	MP2B	Mx	.005	1
28	MP2B	X Z	0	5
29	MP2B	Mx	-19.502	<u>5</u> 5
30 31	MP2B MP2C	X	.005	<u> </u>
	MP2C MP2C	Z		1
32		Mx	-23.415 018	1
33 34	MP2C MP2C	X	016	5
35	MP2C MP2C	Z	-23.415	5
36	MP2C	Mx	018	5
37	MP3A	X	-:018	2
38	MP3A	Z	-11.175	2
39	MP3A	Mx	003	2
40	MP3A	X	0	4
41	MP3A	Z	-11.175	4
42	MP3A	Mx	003	4
43	MP3B		0	2
44	MP3B	X	-6.403	2
45	MP3B	Mx	.003	2
46	MP3B	X	0	4
47	MP3B	Z	-6.403	4
48	MP3B	Mx	.003	4
49	MP3C	X	0	2
50	MP3C	Z	-9.944	2
51	MP3C	Mx	003	2
52	MP3C	X	0	4
53	MP3C	Z	-9.944	4
54	MP3C	Mx	003	4
55	M132A	X	0	7
56	M132A	Z	-23.917	7
57	M132A	Mx	0	7
	111 1 V = 1 1	1717	<u> </u>	<u> </u>

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

	CELL CHILL EGGGS (BEO 10.1	_		
50	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP2A	X	0	4.5
59	MP2A	Z	-6.1	4.5
60	MP2A	Mx	.002	4.5
61	MP2B	<u>X</u>	0	4.5
62	MP2B	Z	-4.553	4.5
63	MP2B	Mx	002	4.5
64	MP2C	X	0	4.5
65	MP2C	Z	-5.701	4.5
66	MP2C	Mx	.002	4.5
67	M148B	X	0	1.5
68	M148B	Z	-12.47	1.5
69	M148B	Mx	0	1.5
70	MP1A	X	0	1.5
71	MP1A	Z	-12.511	1.5
72	MP1A	Mx	.003	1.5
73	MP1B	X	0	1.5
74	MP1B	Z	-10.017	1.5
75	MP1B	Mx	005	1.5
76	MP1C	X	0	1.5
77	MP1C	Z	-11.868	1.5
78	MP1C	Mx	.004	1.5
79	MP4B	X	0	1.5
	MP4B	Z		1
80	MP4B		-22.254	·
81		Mx Y	.01	1
82	MP4B	X	0	5
83	MP4B	Z	-22.254	5
84	MP4B	Mx	.01	5
85	MP4C	<u>X</u>	0	1
86	MP4C	Z	-26.695	1
87	MP4C	Mx	009	1
88	MP4C	X	0	5
89	MP4C	Z	-26.695	5
90	MP4C	Mx	009	5
91	MP4A	X	0	1
92	MP4A	Z	-25.051	1
93	MP4A	Mx	006	1
94	MP4A	X	0	5
95	MP4A	Z	-25.051	5
96	MP4A	Mx	006	5
97	M176A	X	0	1.5
98	M176A	Z	-12.47	1.5
99	M176A	Mx	0	1.5
100	M162A	X	0	1.5
101	M162A	Ž	-12.47	1.5
102	M162A	Mx	0	1.5
103	M1	X	0	7
104	M1	Z	-23.917	7
105	M1	Mx	0	7
106	M198	X	0	1.5
107	M198	Z	-30.786	1.5
108	M198	Mx	0	1.5
109	M201	X	0	1.5
110	M201	Z	-30.786	1.5
111	M201	Mx		
112		X	0	1.5 1.5
	M204	Z	•	1.5
113	M204		-30.786	1.5
114	M204	Mx	0	1.5

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

	Member Label		Magnitude[lb,k-ft]	Location[ft,%]
1	Member Label MP2A	Direction X	10.305	Location[it, 76]
2	MP2A	Z	-17.849	1
3	MP2A	Mx	015	1
4	MP2A	X	10.305	5
5	MP2A	Z	-17.849	5
6	MP2A	Mx	015	5
7	MP2B	X	9.39	1
8	MP2B	Ž	-16.263	1
9	MP2B	Mx	.007	1
10	MP2B	X	9.39	5
11	MP2B	Z	-16.263	5
12	MP2B	Mx	.007	5
13	MP2C	X	13.302	1
14	MP2C	Z	-23.04	1
15	MP2C	Mx	.013	1
16	MP2C	X	13.302	5
17	MP2C	Z	-23.04	5
18	MP2C	Mx	.013	5
19	MP2A	X	10.305	1
20	MP2A	Z	-17.849	1
21	MP2A	Mx	003	1
22	MP2A	X	10.305	5
23	MP2A	Z	-17.849	5
24	MP2A	Mx	003	5
25	MP2B	X	9.39	1
26	MP2B	Z	-16.263	1
27	MP2B	Mx	.011	1
28	MP2B	X	9.39	5
29	MP2B	Z	-16.263	5
30	MP2B	Mx	.011	5
31	MP2C	X	13.302	1
32	MP2C	Z	-23.04	1
33	MP2C	Mx Y	018	1
34	MP2C	X Z	13.302	5
35	MP2C MP2C	Mx	-23.04 018	<u>5</u> 5
36	MP3A	X	3.703	2
38	MP3A	Z	-6.413	2
39	MP3A	Mx	-0.413	2
40	MP3A	X	3.703	4
41	MP3A	Z	-6.413	4
42	MP3A	Mx	003	4
43	MP3B	X	2.874	2
44	MP3B	Z	-4.978	2
45	MP3B	Mx	.003	2
46	MP3B	X	2.874	4
47	MP3B	Ž	-4.978	4
48	MP3B	Mx	.003	4
49	MP3C		6.416	2
50	MP3C	X Z	-11.113	2 2
51	MP3C	Mx	001	2
52	MP3C	X	6.416	4
53	MP3C	Z	-11.113	4
54	MP3C	Mx	001	4
55	M132A	X	9.91	7
56	M132A	Z	-17.164	7
57	M132A	Mx	0	7

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

	Der Tome Loads (BLO TO . A.			
F 0	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP2A	X Z	2.439	4.5
59	MP2A		-4.225	4.5
60	MP2A	Mx	.002	4.5
61	MP2B	X Z	2.171	4.5
62	MP2B		-3.76	4.5
63	MP2B	Mx	002	4.5
64	MP2C	X	3.318	4.5
65	MP2C	Z	-5.748	4.5
66	MP2C	Mx	.000577	4.5
67	M148B	X	5.209	1.5
68	M148B	Z	-9.023	1.5
69	M148B	Mx	0	1.5
70	MP1A	X	5.271	1.5
71	MP1A	Z	-9.129	1.5
72	MP1A	Mx	.005	1.5
73	MP1B	X	4.838	1.5
74	MP1B	Z	-8.379	1.5
75	MP1B	Mx	005	1.5
76	MP1C	X	6.689	1.5
77	MP1C	Z	-11.585	1.5
78	MP1C	Mx	.001	1.5
79	MP4B	X	10.717	1
80	MP4B	Z	-18.562	1
81	MP4B	Mx	.011	1
82	MP4B	X	10.717	5
83	MP4B	Z	-18.562	5
84	MP4B	Mx	.011	5
85	MP4C	X	15.158	1
86	MP4C	Z	-26.254	1
87	MP4C	Mx	003	1
88	MP4C	X	15.158	5
89	MP4C	Z	-26.254	5
90	MP4C	Mx	003	5
91	MP4A	X	10.421	1
92	MP4A	Z	-18.05	1
93	MP4A	Mx	009	1
94	MP4A	X	10.421	5
95	MP4A	Z	-18.05	5
96	MP4A	Mx	009	5
97	M176A	X	5.209	1.5
98	M176A	Z	-9.023	1.5
99	M176A	Mx	0	1.5
100	M162A	X	5.209	1.5
101	M162A	Z	-9.023	1.5
102	M162A	Mx	0	1.5
103	M1	Х	9.91	7
104	M1	Z	-17.164	7
105	M1	Mx	0	7
106	M198	X	15.393	1.5
107	M198	Z	-26.661	1.5
108	M198	Mx	0	1.5
109	M201	X	15.393	1.5
110	M201	Z	-26.661	1.5
111	M201	Mx	0	1.5
112	M204	X	15.393	1.5
113	M204	Z	-26.661	1.5
114	M204	Mx	0	1.5
117	IVIZUT	IVIN		1.0

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	16.046	<u> </u>
2	MP2A	Z	-9.264	1
3	MP2A	Mx	009	1
4	MP2A	X	16.046	5
5	MP2A	Z	-9.264	5
6	MP2A	Mx	009	5
7	MP2B	X	19.026	1
8	MP2B	Z	-10.984	1
9	MP2B	Mx	.000177	1
10	MP2B	X	19.026	5
11	MP2B	Z	-10.984	5
12	MP2B	Mx	.000177	5
13	MP2C	X	22.414	1
14	MP2C	Z	-12.941	1
15	MP2C	Mx	.019	1
16	MP2C	X	22.414	5
17	MP2C	Z	-12.941	5
18	MP2C	Mx	.019	5
19	MP2A	X	16.046	1
20	MP2A	Z	-9.264	1
21	MP2A	Mx	009	1
22	MP2A	X	16.046	5
23	MP2A	Z	-9.264	5
24	MP2A	Mx	009	5
25	MP2B	X	19.026	1
26	MP2B	Z	-10.984	1
27	MP2B	Mx	.017	1
28	MP2B	X	19.026	5
29	MP2B	Ž	-10.984	5
30	MP2B	Mx	.017	5
31	MP2C	X	22.414	1
32	MP2C	Z	-12.941	1
33	MP2C	Mx	01	1
34	MP2C	X	22.414	5
35	MP2C	Z	-12.941	5
36	MP2C	Mx	01	5
37	MP3A	X	4.781	2
38	MP3A	Z	-2.76	2
39	MP3A	Mx	003	2
40	MP3A	X	4.781	4
41	MP3A	Z	-2.76	4
42	MP3A	Mx	003	4
43	MP3B	X	7.478	2
44	MP3B	Z	-4.318	2
45	MP3B	Mx	.003	2
46	MP3B	X	7.478	4
47	MP3B	Z	-4.318	4
48	MP3B	Mx	.003	4
49	MP3C	X Z	10.546	2 2
50	MP3C		-6.089	2
51	MP3C	Mx	.002	2
52	MP3C	X	10.546	4
53	MP3C	Z	-6.089	4
54	MP3C	Mx	.002	4
55	M132A	X	15.389	7
56	M132A	Z	-8.885	7
57	M132A	Mx	0	7

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

	CIT OIII LOUGS (BLO II . I			
	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP2A	X	3.696	4.5
59	MP2A	Z	-2.134	4.5
60	MP2A	Mx	.002	4.5
61	MP2B	X	4.57	4.5
62	MP2B	Z	-2.638	4.5
63	MP2B	Mx	002	4.5
64	MP2C	X	5.564	4.5
65	MP2C	Z	-3.212	4.5
66	MP2C	Mx	001	4.5
67	M148B	X	8.134	1.5
68	M148B	Z	-4.696	1.5
69	M148B	Mx	0	1.5
70	MP1A	X	8.276	1.5
71	MP1A	Z	-4.778	1.5
72	MP1A	Mx	.005	1.5
73	MP1B	X	9.686	1.5
		Z		1.5
74	MP1B		-5.592	
75	MP1B	Mx V	004	1.5
76	MP1C	X	11.289	1.5
77	MP1C	Z	-6.518	1.5
78	MP1C	Mx	002	1.5
79	MP4B	X	21.697	1
80	MP4B	Z	-12.527	1
81	MP4B	Mx	.01	1
82	MP4B	X	21.697	5
83	MP4B	Z	-12.527	5
84	MP4B	Mx	.01	5
85	MP4C	X	25.543	1
86	MP4C	Z	-14.747	1
87	MP4C	Mx	.005	1
88	MP4C	X	25.543	5
89	MP4C	Z	-14.747	5
90	MP4C	Mx	.005	5
91	MP4A	X	16.228	1
92	MP4A	Z	-9.369	1
93	MP4A	Mx	009	1
94	MP4A	X	16.228	5
95	MP4A	Z	-9.369	5
96	MP4A	Mx		5
			009	
97	M176A	X	8.134	1.5
98	M176A	Z	-4.696	1.5
99	M176A	Mx X	0	1.5
100	M162A	X	8.134	1.5
101	M162A	Z	-4.696	1.5
102	M162A	Mx	0	1.5
103	<u>M1</u>	X	15.389	7
104	M1	Z	-8.885	7
105	M1	Mx	0	7
106	M198	X	26.661	1.5
107	M198	Z	-15.393	1.5
108	M198	Mx	0	1.5
109	M201	X	26.661	1.5
110	M201	Z	-15.393	1.5
111	M201	Mx	0	1.5
112	M204	X	26.661	1.5
113	M204	Z	-15.393	1.5
114	M204	Mx	0	1.5
		14174	<u> </u>	

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	20.61	1
2	MP2A	Z	0	1
3	MP2A	Mx	003	1
4	MP2A	X	20.61	5
5	MP2A	Z	0	5
6	MP2A	Mx	003	5
7	MP2B	X	25.881	1
8	MP2B	Z	0	1
9	MP2B	Mx	01	1
10	MP2B	X	25.881	5
11	MP2B	Z	0	5
12	MP2B	Mx	01	5
13	MP2C	X	21.969	1
14	MP2C	Z	0	1
15	MP2C	Mx	.017	1
16	MP2C	X	21.969	5
17	MP2C	Z	0	5
18	MP2C	Mx	.017	5
19	MP2A	X	20.61	1
20	MP2A	Z	0	1
21	MP2A	Mx	015	1
22	MP2A	X	20.61	5
23	MP2A	Z	0	5
24	MP2A	Mx	015	5
25	MP2B	X	25.881	1
26	MP2B	Z	0	1
27	MP2B	Mx	.019	1
28	MP2B	X	25.881	5
29	MP2B	Z	0	5
30	MP2B	Mx	.019	5
31	MP2C	X	21.969	1
32	MP2C	Z	0	1
33	MP2C	Mx	.000177	1
34	MP2C	X	21.969	5
35	MP2C	Z	0	5
36	MP2C	Mx	.000177	5
37	MP3A	X	7.405	2
38	MP3A	Z	0	2
39	MP3A	Mx	003	2
40	MP3A	X	7.405	4
41	MP3A MP3A	Z Mx	003	<u>4</u> 4
42	MP3A MP3B	X	003 12.177	2
44	MP3B	Z	0	2
45	MP3B	Mx	.002	2
46	MP3B	X	12.177	4
47	MP3B	Z	0	4
48	MP3B	Mx	.002	4
49	MP3C		8.635	2
50	MP3C MP3C	X	0	2 2
51	MP3C	Mx	.003	2
52	MP3C	X	8.635	4
53	MP3C	Z	0	4
54	MP3C	Mx	.003	4
55	M132A	X	19.819	7
56	M132A	Z	0	7
57	M132A	Mx	0	7
_ 01	IVITOLIT	IVIV		<u>'</u>

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

	cr r omit Louds (BLO 10.1			
	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP2A	X	4.878	4.5
59	MP2A	Z	0	4.5
60	MP2A	Mx	.002	4.5
61	MP2B	X	6.425	4.5
62	MP2B	Z	0	4.5
63	MP2B	Mx	001	4.5
64	MP2C	X	5.277	4.5
65	MP2C	Z	0	4.5
66	MP2C	Mx	002	4.5
67	M148B	X	10.418	1.5
68	M148B	Z	0	1.5
69	M148B	Mx	0	1.5
70	MP1A	X	10.542	1.5
71	MP1A	Z	0	1.5
72	MP1A	Mx	.005	1.5
73	MP1B	X	13.035	1.5
		Z		1.5
74	MP1B		0	
75	MP1B	Mx	002	1.5
76	MP1C	X	11.184	1.5
77	MP1C	Z	0	1.5
78	MP1C	Mx	004	1.5
79	MP4B	X	29.495	1
80	MP4B	Z	0	1
81	MP4B	Mx	.005	1
82	MP4B	X	29.495	5
83	MP4B	Z	0	5
84	MP4B	Mx	.005	5
85	MP4C	X	25.054	1
86	MP4C	Z	0	1
87	MP4C	Mx	.01	1
88	MP4C	X	25.054	5
89	MP4C	Z	0	5
90	MP4C	Mx	.01	5
91	MP4A	X	20.842	1
92	MP4A	Z	0	1
93	MP4A	Mx	009	1
94	MP4A	X	20.842	5
95	MP4A	Z	0	5
96	MP4A	Mx	009	5
97	M176A	X	10.418	1.5
98	M176A	Z	0	1.5
99	M176A	Mx	0	1.5
100	M162A	X Z	10.418	1.5
101	M162A		0	1.5
102	M162A	Mx	0	1.5
103	<u>M1</u>	X	19.819	7
104	<u>M1</u>	Z	0	7
105	M1	Mx Mx	0	7
106	M198	X	30.786	1.5
107	M198	Z	0	1.5
108	M198	Mx	0	1.5
109	M201	X	30.786	1.5
110	M201	Z	0	1.5
111	M201	Mx	0	1.5
112	M204	X	30.786	1.5
113	M204	Z	0	1.5
114	M204	Mx	0	1.5
	· • •		•	



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	21.455	1
2	MP2A	Z	12.387	1
3	MP2A	Mx	.006	1
4	MP2A	X	21.455	5
5	MP2A	Z	12.387	5
6	MP2A	Mx	.006	5
7	MP2B	X	23.04	1
8	MP2B	Z	13.302	1
9	MP2B	Mx	018 23.04	1
10 11	MP2B MP2B	X Z	13.302	<u>5</u>
12	MP2B	Mx	018	5
13	MP2C	X	16.263	1
14	MP2C	Z	9.39	1
15	MP2C	Mx	.011	1
16	MP2C	X	16.263	5
17	MP2C	Z	9.39	5
18	MP2C	Mx	.011	5
19	MP2A	X	21.455	1
20	MP2A	Z	12.387	1
21	MP2A	Mx	019	1
22	MP2A	X	21.455	5
23	MP2A	Z	12.387	5
24	MP2A	Mx	019	5
25	MP2B	X	23.04	1
26	MP2B	Z	13.302	1
27	MP2B	Mx	.013	1
28	MP2B	X	23.04	5
29	MP2B	Z	13.302	5
30	MP2B	Mx	.013	5
31	MP2C	X	16.263	1
32	MP2C	Z	9.39	1
33	MP2C	Mx	.007	1
34	MP2C	X	16.263	5
35	MP2C	Z	9.39	5
36	MP2C	Mx	.007	5
37	MP3A	X Z	9.677 5.587	2
38 39	MP3A MP3A	Mx	003	2 2
40	MP3A	X	9.677	4
41	MP3A	Z	5.587	4
42	MP3A	Mx	003	4
43	MP3B	X	11.113	2
44	MP3B	Z	6.416	2
45	MP3B	Mx	001	2
46	MP3B	X	11.113	4
47	MP3B	Z	6.416	4
48	MP3B	Mx	001	4
49	MP3C	X	4.978	2
50	MP3C	Z	2.874	2
51	MP3C	Mx	.003	2
52	MP3C	X	4.978	4
53	MP3C	Z	2.874	4
54	MP3C	Mx	.003	4
55	M132A	X	20.713	7
56	M132A	Z	11.959	7
57	M132A	Mx	0	7

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

	T Office Education (BEO 10.			
	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP2A	X	5.283	4.5
59	MP2A	Z	3.05	4.5
60	MP2A	Mx	.002	4.5
61	MP2B	X	5.748	4.5
62	MP2B	Z	3.318	4.5
63	MP2B	Mx	.000576	4.5
64	MP2C	X	3.76	4.5
65	MP2C	Z	2.171	4.5
66	MP2C	Mx	002	4.5
67	M148B	X	10.8	1.5
68	M148B	Z	6.235	1.5
69	M148B	Mx	0	1.5
70	MP1A	X	10.835	1.5
71	MP1A	Z	6.256	1.5
72	MP1A	Mx	.003	1.5
73	MP1B	X	11.585	1.5
74	MP1B	Z	6.689	1.5
75	MP1B	Mx	.001	1.5
76	MP1C	X	8.379	1.5
77	MP1C	Z	4.838	1.5
78	MP1C	Mx	005	1.5
79	MP4B	X	26.254	1
80	MP4B	Z	15.158	1
81	MP4B	Mx	003	1
82	MP4B	X	26.254	5
83	MP4B	Z	15.158	5
84	MP4B	Mx	003	5
85	MP4C	X	18.562	1
86	MP4C	Z	10.717	1
87	MP4C	Mx	.011	1
88	MP4C	X	18.562	5
89	MP4C	Z	10.717	5
90	MP4C	Mx	.011	5
91	MP4A	X	21.695	1
92	MP4A	Z	12.526	1
93	MP4A	Mx	006	1
94	MP4A	X	21.695	5
95	MP4A	Z	12.526	5
96	MP4A	Mx	006	5
97	M176A	X	10.8	1.5
98	M176A	Z	6.235	1.5
99	M176A	Mx	0	1.5
100	M162A	X	10.8	1.5
101	M162A	Z	6.235	1.5
102	M162A	Mx	0	1.5
103	M1	X	20.713	7
104	M1	Z	11.959	7
105	M1	Mx	0	7
106	M198	X	26.661	1.5
107	M198	Z	15.393	1.5
108	M198	Mx	0	1.5
109	M201	X	26.661	1.5
110	M201	Z	15.393	1.5
111	M201	Mx	0	1.5
112	M204	X	26.661	1.5
113	M204	Z	15.393	1.5
114	M204	Mx	0	1.5



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	13.428	<u>Location[it, 76]</u>
2	MP2A	Z	23.258	1
3	MP2A	Mx	.016	1
4	MP2A	X	13.428	5
5	MP2A	Z	23.258	5
6	MP2A	Mx	.016	5
7	MP2B	X	11.707	1
8	MP2B	Z	20.278	1
9	MP2B	Mx	018	1
10	MP2B	X	11.707	5
11	MP2B	Z	20.278	5
12	MP2B	Mx	018	5
13	MP2C	X	9.751	1
14	MP2C	Z	16.89	1
15	MP2C	Mx	.005	1
16	MP2C	X	9.751	5
17	MP2C	Z	16.89	5
18	MP2C	Mx	.005	5
19	MP2A		13.428	1
20	MP2A	X	23.258	1
21	MP2A	Mx	016	1
22	MP2A	X	13.428	5
23	MP2A	Ž	23.258	5
24	MP2A	Mx	016	5
25	MP2B	X	11.707	1
26	MP2B	Z	20.278	1
27	MP2B	Mx	.003	1
28	MP2B	X	11.707	5
29	MP2B	Z	20.278	5
30	MP2B	Mx	.003	5
31	MP2C	X	9.751	1
32	MP2C	Z	16.89	1
33	MP2C	Mx	.013	1
34	MP2C	X	9.751	5
35	MP2C	Z	16.89	5
36	MP2C	Mx	.013	5
37	MP3A	X	6.53	2
38	MP3A	Z	11.31	2
39	MP3A	Mx	0	2
40	MP3A	X	6.53	4
41	MP3A	Z	11.31	4
42	MP3A	Mx	0	4
43	MP3B	X Z	4.972	2
44	MP3B		8.612	2
45	MP3B	Mx	003	2
46	MP3B	X	4.972	4
47	MP3B	Z	8.612	4
48	MP3B	Mx	003	4
49	MP3C	X	3.201	2 2
50	MP3C		5.545	2
51	MP3C	Mx	.003	2
52	MP3C	X	3.201	4
53	MP3C	Z	5.545	4
54	MP3C	Mx	.003	4
55	M132A	X	12.983	7
56	M132A	Z	22.488	7
57	M132A	Mx	0	7

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

	Tomit Louds (BLO 20 :			
-	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP2A	X	3.355	4.5
59	MP2A	Z	5.811	4.5
60	MP2A	Mx	0	4.5
61	MP2B	X	2.851	4.5
62	MP2B	Z	4.937	4.5
63	MP2B	Mx	.002	4.5
64	MP2C	X	2.277	4.5
65	MP2C	Z	3.943	4.5
66	MP2C	Mx	002	4.5
67	M148B	X	6.748	1.5
68	M148B	Z	11.688	1.5
69	M148B	Mx	0	1.5
70	MP1A	X	6.748	1.5
71	MP1A	Z	11.688	1.5
72	MP1A	Mx	0	1.5
73	MP1B	X	5.934	1.5
74	MP1B	Z	10.278	1.5
75	MP1B	Mx	.004	1.5
76	MP1C	X	5.009	1.5
77	MP1C	Z	8.675	1.5
78	MP1C	Mx	005	1.5
79	MP4B	X	13.348	1
80	MP4B	Z	23.119	1
81	MP4B	Mx	009	1
82	MP4B	X	13.348	5
83	MP4B	Z	23.119	5
84	MP4B	Mx	009	5
85	MP4C	X	11.127	1
86	MP4C	Z	19.273	1
87	MP4C	Mx	.01	1
88	MP4C	X	11.127	5
89	MP4C	Z	19.273	5
90	MP4C	Mx	.01	5
91	MP4A	X	13.578	1
92	MP4A	Z	23.517	1
93	MP4A	Mx	0	1
94	MP4A	X	13.578	5
95	MP4A	Z	23.517	5
96	MP4A	Mx	0	5
97	M176A	X	6.748	1.5
98	M176A	Z	11.688	1.5
99	M176A	Mx	0	1.5
100	M162A	X	6.748	1.5
101	M162A	Z	11.688	1.5
102	M162A	Mx	0	1.5
103	M1	X	12.983	7
104	M1	Z	22.488	7
105	<u>M1</u>	Mx	0	7
106	M198	X	15.393	1.5
107	M198	Z	26.661	1.5
108	M198	Mx	0	1.5
109	M201	X	15.393	1.5
110	M201	Z	26.661	1.5
111	M201	Mx	0	1.5
112	M204	X	15.393	1.5
113	M204	Z	26.661	1.5
114	M204	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	0	1
2	MP2A	Z	24.774	1
3	MP2A	Mx Mx	.019	1
4	MP2A	X	0	5
5	MP2A	Z	24.774	5
6	MP2A	Mx	.019	5
7	MP2B	X	0	1
8	MP2B	Z	19.502	1
9	MP2B	Mx	013	1
10	MP2B	X	0	5
11	MP2B	Z	19.502	5
12	MP2B	Mx	013	5
13	MP2C	<u>X</u>	0	1
14	MP2C	Z	23.415	1
15	MP2C	Mx	003	1
16	MP2C	<u>X</u>	0	5
17	MP2C	Z	23.415	5
18	MP2C	Mx	003	5
19	MP2A	X	0	1
20	MP2A	Z	24.774	1
21	MP2A	Mx	006	1
22	MP2A	X	0	5
23	MP2A	Z	24.774	5
24	MP2A	Mx	006	5
25	MP2B	X	0	1
26	MP2B	Z	19.502	1
27	MP2B	Mx	005	1
28	MP2B	X	0	5
29	MP2B	Z	19.502	5
30	MP2B	Mx	005	5
31	MP2C	X	0	1
32	MP2C	Z	23.415	1
33	MP2C	Mx	.018	1
34	MP2C	X	0	5
35	MP2C	Z	23.415	5
36	MP2C	Mx	.018	5
37	MP3A	X	0	2
38	MP3A	Z	11.175	2
39	MP3A	Mx	.003	2
40	MP3A	X	0	4
41	MP3A	Z	11.175	4
42	MP3A	Mx V	.003	4
43	MP3B	X	0	2 2
44	MP3B		6.403	
45	MP3B MP3B	Mx X	003	2
46			6 403	4
47	MP3B	Z	6.403	4
48	MP3B	Mx V	003 0	4
50	MP3C	X	9.944	2 2
	MP3C			2
51	MP3C	Mx V	.003	
52	MP3C	X Z	0 9.944	4
53 54	MP3C			4
55	MP3C	Mx X	.003	7
	M132A	Z		7
56	M132A		23.917	· · · · · · · · · · · · · · · · · · ·
57	M132A	Mx	0	7



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

	Marshaul abal			Lagation Fft 0/1
58	Member Label MP2A	Direction Y	Magnitude[lb,k-ft] 0	Location[ft,%] 4.5
59	MP2A	X Z	6.1	4.5
60	MP2A	Mx	002	4.5
61	MP2B	X	0	4.5
62	MP2B	Z	4.553	4.5
63	MP2B	Mx	.002	4.5
64	MP2C	X	0	4.5
65	MP2C	Z	5.701	4.5
66	MP2C	Mx	002	4.5
67	M148B	X	0	1.5
68	M148B	Z	12.47	1.5
69	M148B	Mx	0	1.5
70	MP1A	X	0	1.5
71	MP1A	Z	12.511	1.5
72	MP1A	Mx	003	1.5
73	MP1B	X	0	1.5
74	MP1B	Z	10.017	1.5
75	MP1B	Mx	.005	1.5
76	MP1C	X	0	1.5
77	MP1C	Z	11.868	1.5
78	MP1C	Mx	004	1.5
79	MP4B	X	0	1
80	MP4B	Z	22.254	1
81	MP4B	Mx	01	1
82	MP4B	X	0	5
83	MP4B	Z	22.254	5
84	MP4B	Mx	01	5
85	MP4C	X	0	1
86	MP4C	Z	26.695	1
87	MP4C	Mx	.009	1
88	MP4C	X	0	5
89	MP4C	Z	26.695	5
90	MP4C	Mx	.009	5
91	MP4A	X	0	1
92	MP4A	Z	25.051	1
93	MP4A	Mx	.006	5
95	MP4A MP4A	X Z	25.051	
96	MP4A MP4A	Mx	.006	<u>5</u> 5
97	M176A	X	0	1.5
98	M176A	Z	12.47	1.5
99	M176A	Mx	0	1.5
100	M162A	X	0	1.5
101	M162A	Z	12.47	1.5
102	M162A	Mx	0	1.5
103	M1	X	0	7
104	M1	X Z	23.917	7
105	M1	Mx	0	7
106	M198	X	0	1.5
107	M198	Z	30.786	1.5
108	M198	Mx	0	1.5
109	M201	X	0	1.5
110	M201	Z	30.786	1.5
111	M201	Mx	0	1.5
112	M204	X	0	1.5
113	M204	Z	30.786	1.5
114	M204	Mx	0	1.5
		-		



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

	DCI I OIIIL LOUGS (DLO LL . A		<u> </u>	
	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-10.305	1
2	MP2A	Z	17.849	1
3	MP2A	Mx	.015	1
4	MP2A	X	-10.305	5
5	MP2A	Z	17.849	5
6	MP2A	Mx	.015	5
7	MP2B	X	-9.39	1
8	MP2B	Z	16.263	1
9	MP2B	Mx	007	1
10	MP2B	X	-9.39	5
11	MP2B	Z	16.263	5
12	MP2B	Mx	007	5
13	MP2C	X	-13.302	1
14	MP2C	Z	23.04	1
15	MP2C	Mx	013	1
16	MP2C	X	-13.302	5
17	MP2C	Z	23.04	5
18	MP2C	Mx	013	5
19	MP2A	X	-10.305	1
20	MP2A	Z	17.849	1
21	MP2A	Mx	.003	1
22	MP2A	X	-10.305	5
23	MP2A	Z	17.849	5
24	MP2A	Mx	.003	5
25	MP2B	X Z	-9.39	1
26	MP2B		16.263	1
27	MP2B	Mx	011	•
28	MP2B	X Z	-9.39 16.363	5
29 30	MP2B	Mx	16.263 011	<u>5</u> 5
31	MP2B MP2C	X	-13.302	<u> </u>
32	MP2C MP2C	Z	23.04	1
33	MP2C MP2C	Mx	.018	1
34	MP2C MP2C	X	-13.302	5
35	MP2C	Z	23.04	5
36	MP2C	Mx	.018	5
37	MP3A	X	-3.703	2
38	MP3A	Z	6.413	2
39	MP3A	Mx	.003	2
40	MP3A	X	-3.703	4
41	MP3A	Z	6.413	4
42	MP3A	Mx	.003	4
43	MP3B	X	-2.874	2
44	MP3B	Ž	4.978	2
45	MP3B	Mx	003	2
46	MP3B	X	-2.874	4
47	MP3B	Z	4.978	4
48	MP3B	Mx	003	4
49	MP3C	X	-6.416	2
50	MP3C	Z	11.113	2
51	MP3C	Mx	.001	2
52	MP3C	X	-6.416	4
53	MP3C	Z	11.113	4
54	MP3C	Mx	.001	4
55	M132A	X	-9.91	7
56	M132A	Z	17.164	7
57	M132A	Mx	0	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP2A	X	-2.439	4.5
59	MP2A	Z	4.225	4.5
60	MP2A	Mx	002	4.5
61	MP2B	X	-2.171	4.5
62	MP2B	Z	3.76	4.5
63	MP2B	Mx	.002	4.5
64	MP2C	X	-3.318	4.5
65	MP2C	Z	5.748	4.5
66	MP2C	Mx	000577	4.5
67	M148B	X	-5.209	1.5
68	M148B	Z	9.023	1.5
69	M148B	Mx	0	1.5
70	MP1A	X	-5.271	1.5
71	MP1A	Z	9.129	1.5
72	MP1A	Mx	005	1.5
73	MP1B	X	-4.838	1.5
74	MP1B	Z	8.379	1.5
75	MP1B	Mx	.005	1.5
76	MP1C	X	-6.689	1.5
77	MP1C	Z	11.585	1.5
78	MP1C	Mx	001	1.5
79	MP4B	X	-10.717	1
80	MP4B	Z	18.562	1
81	MP4B	Mx	011	1
82	MP4B	X	-10.717	5
83	MP4B	Z	18.562	5
84	MP4B	Mx	011	5
85	MP4C	X	-15.158	1
86	MP4C	Z	26.254	1
87	MP4C	Mx	.003	1
88	MP4C	X	-15.158	5
89	MP4C	Z	26.254	5
90	MP4C	Mx	.003	5
91	MP4A MP4A	X	-10.421 18.05	1
93	MP4A MP4A	Mx	.009	1
	MP4A			5
94 95	MP4A MP4A	X Z	-10.421	5
96	MP4A	Mx	18.05 .009	5
97	M176A	X	-5.209	1.5
98	M176A	Z	9.023	1.5
99	M176A	Mx	9.023	1.5
100	M170A M162A	X	-5.209	1.5
101	M162A	Z	9.023	1.5
102	M162A	Mx	9.023	1.5
103	M1	X	-9.91	7
104	M1	Z	17.164	7
105	M1	Mx	0	7
106	M198	X	-15.393	1.5
107	M198	Z	26.661	1.5
108	M198	Mx	0	1.5
109	M201	X	-15.393	1.5
110	M201	Z	26.661	1.5
111	M201	Mx	0	1.5
112	M204	X	-15.393	1.5
113	M204	Z	26.661	1.5
114	M204	Mx	0	1.5
	· ·			

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-16.046	1
2	MP2A	Z	9.264	1
3	MP2A	Mx	.009	1
4	MP2A	X	-16.046	5
5	MP2A	Z	9.264	5
6	MP2A	Mx	.009	5
7	MP2B	X	-19.026	1
8	MP2B	Z	10.984	1
9	MP2B	Mx	000177	1
10	MP2B	X	-19.026	5
11	MP2B	Z	10.984	5
12	MP2B	Mx	000177	5
13	MP2C	X	-22.414	1
14	MP2C	Z	12.941	1
15	MP2C	Mx	019	1
16	MP2C	X	-22.414	5
17	MP2C	Z	12.941	5
18	MP2C	Mx	019	5
19	MP2A	X Z	-16.046	1
20	MP2A		9.264	
21	MP2A	Mx	.009	1
22	MP2A	X Z	-16.046	5
23	MP2A MP2A		9.264	5 5
24 25		Mx X		<u> </u>
26	MP2B MP2B	Z	-19.026 10.984	1
27			017	1
28	MP2B	Mx X	-19.026	1 5
29	MP2B MP2B	Z	10.984	5
30	MP2B	Mx	017	5
31	MP2C	X	-22.414	1
32	MP2C	Z	12.941	1
33	MP2C	Mx	.01	1
34	MP2C	X	-22.414	5
35	MP2C	Z	12.941	5
36	MP2C	Mx	.01	5
37	MP3A	X	-4.781	2
38	MP3A	Z	2.76	2
39	MP3A	Mx	.003	2
40	MP3A	X	-4.781	4
41	MP3A	Z	2.76	4
42	MP3A	Mx	.003	4
43	MP3B	Χ	-7.478	2
44	MP3B	Z	4.318	2
45	MP3B	Mx	003	2
46	MP3B	X	-7.478	4
47	MP3B	Z	4.318	4
48	MP3B	Mx	003	4
49	MP3C	X	-10.546	2
50	MP3C	Z	6.089	2
51	MP3C	Mx	002	2
52	MP3C	X	-10.546	4
53	MP3C	Z	6.089	4
54	MP3C	Mx	002	4
55	M132A	X	-15.389	7
56	M132A	Z	8.885	7
57	M132A	Mx	0	7

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

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	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP2A	X	-3.696	4.5
59	MP2A	Z	2.134	4.5
60	MP2A	Mx	002	4.5
61	MP2B	X	-4.57	4.5
62	MP2B	Z	2.638	4.5
63	MP2B	Mx	.002	4.5
64	MP2C	X	-5.564	4.5
65	MP2C	Z	3.212	4.5
66	MP2C	Mx	.001	4.5
67	M148B	X	-8.134	1.5
68	M148B	Z	4.696	1.5
69	M148B	Mx	0	1.5
70	MP1A	X	-8.276	1.5
71	MP1A	Z	4.778	1.5
72	MP1A	Mx	005	1.5
73	MP1B	X	-9.686	1.5
74	MP1B	Z	5.592	1.5
75	MP1B	Mx	.004	1.5
76	MP1C	X	-11.289	1.5
77	MP1C	Z	6.518	1.5
78	MP1C	Mx	.002	1.5
79	MP4B	X	-21.697	1
80	MP4B	Z	12.527	1
81	MP4B	Mx	01	1
82	MP4B	X	-21.697	5
83	MP4B	Z	12.527	5
84	MP4B	Mx	01	5
85	MP4C	X	-25.543	1
86	MP4C	Z	14.747	1
87	MP4C	Mx	005	1
88	MP4C	X	-25.543	5
89	MP4C MP4C	Z	14.747	5
	MP4C MP4C		005	5
90		Mx		
91	MP4A	X	-16.228	1
92	MP4A		9.369	•
93	MP4A	Mx	.009	1
94	MP4A	X	-16.228	5
95	MP4A	Z	9.369	5
96	MP4A	Mx	.009	5
97	M176A	X	-8.134	1.5
98	M176A	Z	4.696	1.5
99	M176A	Mx	0	1.5
100	M162A	X	-8.134	1.5
101	M162A	Z	4.696	1.5
102	M162A	Mx	0	1.5
103	M1	X	-15.389	7
104	M1	Z	8.885	7
105	M1	Mx	0	7
106	M198	X	-26.661	1.5
107	M198	Z	15.393	1.5
108	M198	Mx	0	1.5
109	M201	X	-26.661	1.5
110	M201	Z	15.393	1.5
111	M201	Mx	0	1.5
112		X	-26.661	1.5 1.5
	M204	Z		1.0
113	M204		15.393	1.5
114	M204	Mx	0	1.5

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

1 MP2A X -20.61 1 2 MP2A Z 0 1 3 MP2A MX .003 1 4 MP2A X -20.61 5 5 MP2A Z 0 5 6 MP2A MX .003 5 7 MP2B X -25.881 1 8 MP2B Z 0 1 9 MP2B MX .01 1 10 MP2B X -25.881 5 11 MP2B Z 0 5 12 MP2B MX .01 5	
3 MP2A Mx .003 1 4 MP2A X -20.61 5 5 MP2A Z 0 5 6 MP2A Mx .003 5 7 MP2B X -25.881 1 8 MP2B Z 0 1 9 MP2B Mx .01 1 10 MP2B X -25.881 5 11 MP2B Z 0 5 12 MP2B Mx .01 5	
4 MP2A X -20.61 5 5 MP2A Z 0 5 6 MP2A Mx .003 5 7 MP2B X -25.881 1 8 MP2B Z 0 1 9 MP2B Mx .01 1 10 MP2B X -25.881 5 11 MP2B Z 0 5 12 MP2B Mx .01 5	
5 MP2A Z 0 5 6 MP2A Mx .003 5 7 MP2B X -25.881 1 8 MP2B Z 0 1 9 MP2B Mx .01 1 10 MP2B X -25.881 5 11 MP2B Z 0 5 12 MP2B Mx .01 5	
6 MP2A Mx .003 5 7 MP2B X -25.881 1 8 MP2B Z 0 1 9 MP2B Mx .01 1 10 MP2B X -25.881 5 11 MP2B Z 0 5 12 MP2B Mx .01 5	
7 MP2B X -25.881 1 8 MP2B Z 0 1 9 MP2B Mx .01 1 10 MP2B X -25.881 5 11 MP2B Z 0 5 12 MP2B Mx .01 5	
8 MP2B Z 0 1 9 MP2B Mx .01 1 10 MP2B X -25.881 5 11 MP2B Z 0 5 12 MP2B Mx .01 5	5
9 MP2B Mx .01 1 10 MP2B X -25.881 5 11 MP2B Z 0 5 12 MP2B Mx .01 5	
10 MP2B X -25.881 5 11 MP2B Z 0 5 12 MP2B Mx .01 5	
11 MP2B Z 0 5 12 MP2B Mx .01 5	
12 MP2B Mx .01 5	
13 MP2C X -21.969 1	
14 MP2C Z 0 1	
15 MP2C Mx017 1	
16 MP2C X -21.969 5	
17 MP2C Z 0 5)
18 MP2C Mx017 5	
19 MP2A X -20.61 1	
20 MP2A Z 0 1	
21 MP2A Mx .015 1	
22 MP2A X -20.61 5	
23 MP2A Z 0 5	
24 MP2A Mx .015 5	
25 MP2B X -25.881 1	
26 MP2B Z 0 1	
27 MP2B Mx019 1	
28 MP2B X -25.881 5	
29 MP2B Z 0 55	
30 MP2B Mx019 5 31 MP2C X -21 969 1	
01 IVII 20 X 21.000	
33 MP2C Mx 000177 1 34 MP2C X -21.969 5	
35 MP2C Z 0 5	
36 MP2C Z 0 3 MP2C Mx000177 5	
37 MP3A X -7.405 2	
38 MP3A Z 0 2)
39 MP3A Mx .003 2)
40 MP3A X -7.405 4	
40 Mir 3A X -7.403 4 41 MP3A Z 0 4	
42 MP3A Mx .003 4	
43 MP3B X -12.177 2	
44 MP3B Z 0 2)
45 MP3B Mx002 2	
46 MP3B X -12.177 4	
47 MP3B Z 0 4	
48 MP3B Mx002 4	
49 MP3C X -8.635 2	
50 MP3C Z 0 2)
51 MP3C Mx003 2	
52 MP3C X -8.635 4	
53 MP3C Z 0 4	
54 MP3C Mx003 4	
55 M132A X -19.819 7	
56 M132A Z 0 7	,
57 M132A Mx 0 7	,

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

	CIT OIII LOUGS (BLO 24 . 7			
	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP2A	X	-4.878	4.5
59	MP2A	Z	0	4.5
60	MP2A	Mx	002	4.5
61	MP2B	X	-6.425	4.5
62	MP2B	Z	0	4.5
63	MP2B	Mx	.001	4.5
64	MP2C	X	-5.277	4.5
65	MP2C	Z	0	4.5
66	MP2C	Mx	.002	4.5
67	M148B	X	-10.418	1.5
68	M148B	Z	0	1.5
69	M148B	Mx	0	1.5
70	MP1A	X	-10.542	1.5
71	MP1A	Z	0	1.5
72	MP1A	Mx	005	1.5
73	MP1B	X	-13.035	1.5
74	MP1B	Z	0	1.5
	MP1B		.002	1.5
75		Mx		1.5
76	MP1C	X Z	-11.184	1.5
77	MP1C		0	1.5
78	MP1C	Mx	.004	1.5
79	MP4B	X	-29.495	1
80	MP4B	Z	0	1
81	MP4B	Mx	005	1
82	MP4B	X	-29.495	5
83	MP4B	Z	0	5
84	MP4B	Mx	005	5
85	MP4C	X	-25.054	1
86	MP4C	Z	0	1
87	MP4C	Mx	01	1
88	MP4C	X	-25.054	5
89	MP4C	Z	0	5
90	MP4C	Mx	01	5
91	MP4A	X	-20.842	1
92	MP4A	Z	0	1
93	MP4A	Mx	.009	1
94	MP4A	X	-20.842	5
95	MP4A	Z	0	5
96	MP4A	Mx	.009	5
97	M176A	X	-10.418	1.5
98	M176A M176A	Z	0	1.5
99	M176A M176A	Mx	0	1.5
100	M162A	X	-10.418	1.5
101	M162A	Z	-10.418	
101	M162A	Mx	0	1.5 1.5
102		X	-19.819	7
103	M1	Z		7
104	M1		0	
105	M1	Mx	0	7
106	M198	X	-30.786	1.5
107	M198	Z	0	1.5
108	M198	Mx	0	1.5
109	M201	X	-30.786	1.5
110	M201	Z	0	1.5
111	M201	Mx	0	1.5
112	M204	X	-30.786	1.5
113	M204	Z	0	1.5
114	M204	Mx	0	1.5

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

1 MP2A X -21,455 1 3 MP2A X -006 1 4 MP2A X -21,455 5 5 MP2A Z -12,337 5 6 MP2A MX -006 5 7 MP2B X -23,04 1 8 MP2B Z -13,302 1 9 MP2B X -23,04 5 10 MP2B X -23,04 5 11 MP2B Z -13,302 1 9 MP2B X -23,04 5 11 MP2B Z -13,302 5 12 MP2B MX -018 5 12 MP2B X -23,04 5 12 MP2B X -16,263 1 14 MP2C X -16,263 1 14 MP2C X <td< th=""><th>Member Label</th><th>Direction</th><th>Magnitude[lb,k-ft]</th><th>Location[ft,%]</th></td<>	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
MP2A				1
4 MP2A Z -12,387 5 6 MP2A Mx -006 5 7 MP2B X -23,04 1 8 MP2B Z -13,302 1 9 MF2B X -23,04 5 10 MP2B X -23,04 5 11 MP2B X -23,04 5 12 MP2B Mx 018 5 13 MP2B X -16,263 1 14 MP2B X -16,263 1 14 MP2C X -16,263 5 17 MP2C X -16,263 5 17 MP2C X -16,263 5 17 MP2C X				1
5 MP2A Z -12.387 5 7 MP2B X -006 5 7 MP2B X -23.04 1 8 MP2B Z -13.302 1 9 MP2B Mx .018 1 10 MP2B X -23.04 5 11 MP2B Z -13.302 5 12 MP2B Mx .018 5 12 MP2B X -16.263 1 14 MP2C X -16.263 5 13 MP2C Mx -16.263 5 14 MP2C X -16.263 5 17 MP2C X -16.263 5 18 MP2C Mx			006	<u> </u>
6 MP2A Mx 006 5 7 MP2B X -23.04 1 8 MP2B Z -13,302 1 9 MP2B X -23.04 5 10 MP2B X -23.04 5 11 MP2B X -23.04 5 11 MP2B X -23.04 5 11 MP2B Mx .018 5 11 MP2B Mx .018 5 13 MP2C X -16.263 1 14 MP2C X -16.263 1 15 MP2C X -16.263 5 16 MP2C X -16.263 5 18 MP2C X -16.263 5 18 MP2C Mx -011 5 19 MP2A X -21.455 1 20 MP2A X		X		
T MP2B X -23,04 1 9 MP2B Z -13,302 1 9 MP2B X -23,04 5 10 MP2B X -23,04 5 11 MP2B Z -13,302 5 12 MP2B Mx .018 5 14 MP2C X -16,263 1 15 MP2C Mx -011 1 16 MP2C X -16,263 5 17 MP2C X -16,263 5 17 MP2C X -16,263 5 17 MP2C X -21,415 5 19 MP2A X				5
8 MP2B Z -13,302 1 10 MP2B Mx 018 1 10 MP2B X -23,04 5 11 MP2B X -23,04 5 12 MP2B Mx 018 5 13 MP2C X -16,263 1 14 MP2C Z -9,39 1 15 MP2C MX -011 1 16 MP2C X -16,263 5 17 MP2C X -11 1 18 MP2C X -011 5 19 MP2A X -21,455 5 19 MP2A X <t< td=""><td></td><td></td><td></td><td></td></t<>				
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10 MP2B X -23.04 5 11 MP2B Z -13.302 5 12 MP2B Mx .018 5 13 MP2C X -16.263 1 14 MP2C Z -9.39 1 15 MP2C Mx -0.01 1 16 MP2C X -16.263 5 17 MP2C X -19.39 5 18 MP2C X -0.11 5 19 MP2A X -21.455 1 20 MP2A X -21.455 1 20 MP2A X -21.455 5 21 MP2A Mx -019 1 22 MP2A X				•
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16 MP2C X -16.263 5 17 MP2C Z -9.39 5 18 MP2C Mx -0.011 5 19 MP2A X -21.455 1 20 MP2A Z -12.387 1 21 MP2A X -21.455 5 21 MP2A X -21.435 5 23 MP2A Z -12.387 5 24 MP2A X -21.2387 5 24 MP2A MX .019 5 25 MP2B X -23.04 1 1 26 MP2B X -23.04 1 1 27 MP2B X -23.04 5 1 28 MP2B X -23.04 5 1 29 MP2B X -23.04 5 3 30 MP2B X -23.04				•
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23 MP2A Z -12.387 5 24 MP2B X .019 5 25 MP2B X .23.04 1 26 MP2B Z -13.302 1 27 MP2B MX 013 1 28 MP2B X -23.04 5 29 MP2B Z -13.302 5 30 MP2B Mx 013 5 31 MP2C X -16.263 1 31 MP2C X -16.263 1 32 MP2C X -16.263 5 34 MP2C X -16.263 5 35 MP2C X -16.263 5 36 MP2C X -9.39 5 36 MP2C Mx 007 5 37 MP3A X -9.677 2 38 MP3A X				
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26 MP2B Z -13.302 1 27 MP2B Mx 013 1 28 MP2B X -23.04 5 29 MP2B Z -13.302 5 30 MP2B Mx 013 5 31 MP2C X -16.263 1 32 MP2C Z -9.39 1 33 MP2C Mx 007 1 34 MP2C X -16.263 5 35 MP2C X -16.263 5 36 MP2C X -9.39 5 36 MP2C Mx -9.07 5 37 MP3A X -9.677 2 38 MP3A X -9.677 2 39 MP3A X -9.677 4 41 MP3A X -9.677 4 41 MP3A X			.019	
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30 MP2B Mx 013 5 31 MP2C X -16.263 1 32 MP2C Z -9.39 1 33 MP2C Mx 007 1 34 MP2C X -16.263 5 35 MP2C Z -9.39 5 36 MP2C Mx 007 5 37 MP3A X -9.677 2 38 MP3A X -9.677 2 39 MP3A Mx .003 2 40 MP3A X -9.677 4 41 MP3A X -9.677 4 42 MP3A Mx .003 4 43 MP3B X		X 7	-23.04	5
31 MP2C X -16.263 1 32 MP2C Z -9.39 1 33 MP2C Mx 007 1 34 MP2C X -16.263 5 35 MP2C X -16.263 5 36 MP2C X -9.39 5 36 MP2C Mx 007 5 37 MP3A X -9.677 2 38 MP3A X -9.677 2 39 MP3A Mx .003 2 40 MP3A X -9.677 4 41 MP3A X -9.677 4 41 MP3A X -9.677 4 42 MP3A X -9.677 4 42 MP3A X -11.113 2 44 MP3B X -11.113 2 44 MP3B X				5
32 MP2C Z -9.39 1 33 MP2C Mx 007 1 34 MP2C X -16.263 5 35 MP2C Z -9.39 5 36 MP2C Mx 007 5 37 MP3A X -9.677 2 38 MP3A Z -5.587 2 39 MP3A Mx .003 2 40 MP3A X -9.677 4 41 MP3A X -9.677 4 41 MP3A X -9.677 4 42 MP3A X -9.677 4 42 MP3A X -11.113 2 44 MP3B X -11.113 2 44 MP3B X -11.113 4 45 MP3B X -11.113 4 46 MP3B X				
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38 MP3A Z -5.587 2 39 MP3A Mx .003 2 40 MP3A X -9.677 4 41 MP3A Z -5.587 4 42 MP3A Mx .003 4 43 MP3B X -11.113 2 44 MP3B Z -6.416 2 45 MP3B Mx .001 2 46 MP3B X -11.113 4 47 MP3B Z -6.416 4 48 MP3B Mx .001 4 49 MP3C X -4.978 2 50 MP3C Z -2.874 2				
39 MP3A Mx .003 2 40 MP3A X -9.677 4 41 MP3A Z -5.587 4 42 MP3A Mx .003 4 43 MP3B X -11.113 2 44 MP3B Z -6.416 2 45 MP3B Mx .001 2 46 MP3B X -11.113 4 47 MP3B Z -6.416 4 48 MP3B Mx .001 4 49 MP3C X -4.978 2 50 MP3C Z -2.874 2		7		2
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46 MP3B X -11.113 4 47 MP3B Z -6.416 4 48 MP3B Mx .001 4 49 MP3C X -4.978 2 50 MP3C Z -2.874 2				2
47 MP3B Z -6.416 4 48 MP3B Mx .001 4 49 MP3C X -4.978 2 50 MP3C Z -2.874 2				
48 MP3B Mx .001 4 49 MP3C X -4.978 2 50 MP3C Z -2.874 2				
49 MP3C X -4.978 2 50 MP3C Z -2.874 2				
50 MP3C Z -2.874 2		X	-4.978	2
51 MP3C Mx003 2		Z	-2.874	2
				2
52 MP3C X -4.978 4				
53 MP3C Z -2.874 4		Z		
54 MP3C Mx003 4				
55 M132A X -20.713 7				
56 M132A Z -11.959 7		Z		
57 M132A Mx 0 7		Mx		7

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

	Tomic Educido (BEO 20 :			
-	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP2A	X	-5.283	4.5
59	MP2A	Z	-3.05	4.5
60	MP2A	Mx	002	4.5
61	MP2B	X	-5.748	4.5
62	MP2B	Z	-3.318	4.5
63	MP2B	Mx	000576	4.5
64	MP2C	X	-3.76	4.5
65	MP2C	Z	-2.171	4.5
66	MP2C	Mx	.002	4.5
67	M148B	X	-10.8	1.5
68	M148B	Z	-6.235	1.5
69	M148B	Mx	0	1.5
70	MP1A	X	-10.835	1.5
71	MP1A	Z	-6.256	1.5
72	MP1A	Mx	003	1.5
73	MP1B	X	-11.585	1.5
74	MP1B	Z	-6.689	1.5
75	MP1B	Mx	001	1.5
76	MP1C	X	-8.379	1.5
77	MP1C	Z	-4.838	1.5
78	MP1C	Mx	.005	1.5
79	MP4B	X	-26.254	1
80	MP4B	Z	-15.158	1
81	MP4B	Mx	.003	1
82	MP4B	X	-26.254	5
83	MP4B	Z	-15.158	5
84	MP4B	Mx	.003	5
85	MP4C	X	-18.562	1
86	MP4C	Z	-10.717	1
87	MP4C	Mx	011	1
88	MP4C	X	-18.562	5
89	MP4C	Z	-10.717	5
90	MP4C	Mx	011	5
91	MP4A	X	-21.695	1
92	MP4A	Z	-12.526	1
93	MP4A	Mx	.006	1
94	MP4A	X	-21.695	5
95	MP4A	Z	-12.526	5
96	MP4A	Mx	.006	5
97	M176A	X	-10.8	1.5
98	M176A	Z	-6.235	1.5
99	M176A	Mx	0	1.5
100	M162A	X	-10.8	1.5
101	M162A	Z	-6.235	1.5
102	M162A	Mx	0	1.5
103	<u>M1</u>	X	-20.713	7
104	M1	Z	-11.959	7
105	M1	Mx	0	7
106	M198	X	-26.661	1.5
107	M198	Z	-15.393	1.5
108	M198	Mx	0	1.5
109	M201	X	-26.661	1.5
110	M201	Z	-15.393	1.5
111	M201	Mx	0	1.5
112	M204	X	-26.661	1.5
113	M204	Z	-15.393	1.5
114	M204	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-13.428	Locationլը, ₇₆ յ
2	MP2A	Z	-23.258	1
3	MP2A	Mx	016	1
4	MP2A	X	-13.428	5
5	MP2A	Z	-23.258	5
6	MP2A	Mx	016	5
7	MP2B	X	-11.707	1
8	MP2B	Z	-20.278	1
9	MP2B	Mx	.018	1
10	MP2B	X	-11.707	5
11	MP2B	Z	-20.278	5
12	MP2B	Mx	.018	5
13	MP2C	X	-9.751	1
14	MP2C	Z	-16.89	1
15	MP2C	Mx	005	1
16	MP2C	X	-9.751	5
17	MP2C	Z	-16.89	5
18	MP2C	Mx	005	5
19	MP2A		-13.428	1
20	MP2A	X	-23.258	1
21	MP2A	Mx	.016	1
22	MP2A	X	-13.428	5
23	MP2A	Z	-23.258	5
24	MP2A	Mx	.016	5
25	MP2B	X	-11.707	1
26	MP2B	Z	-20.278	1
27	MP2B	Mx	003	1
28	MP2B	X	-11.707	5
29	MP2B	Z	-20.278	5
30	MP2B	Mx	003	5
31	MP2C	X	-9.751	1
32	MP2C	Z	-16.89	1
33	MP2C	Mx	013	1
34	MP2C	X	-9.751	5
35	MP2C	Z	-16.89	5
36	MP2C	Mx	013	5
37	MP3A	X	-6.53	2
38	MP3A	Z	-11.31	2
39	MP3A	Mx	0	2
40	MP3A	X	-6.53	4
41	MP3A	Z	-11.31	4
42	MP3A	Mx	0	4
43	MP3B	X Z	-4.972	2
44	MP3B		-8.612	2
45	MP3B	Mx	.003	2
46	MP3B	X	-4.972	4
47	MP3B	Z	-8.612	4
48	MP3B	Mx	.003	4
49	MP3C	X Z	-3.201	2 2
50	MP3C		-5.545	2
51	MP3C	Mx	003	2
52	MP3C	X	-3.201	4
53	MP3C	Z	-5.545	4
54	MP3C	Mx	003	4
55	M132A	X	-12.983	7
56	M132A	Z	-22.488	7
57	M132A	Mx	0	7

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

	TT OHIT LOUGS (BLO LO .			
	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP2A	X	-3.355	4.5
59	MP2A	Z	-5.811	4.5
60	MP2A	Mx	0	4.5
61	MP2B	X	-2.851	4.5
62	MP2B	Z	-4.937	4.5
63	MP2B	Mx	002	4.5
64	MP2C	X	-2.277	4.5
65	MP2C	Z	-3.943	4.5
66	MP2C	Mx	.002	4.5
67	M148B	X	-6.748	1.5
68	M148B	Z	-11.688	1.5
69	M148B	Mx	0	1.5
			-6.748	1.5
70	MP1A	X Z		
71	MP1A		-11.688	1.5
72	MP1A	Mx	0	1.5
73	MP1B	X	-5.934	1.5
74	MP1B	Z	-10.278	1.5
75	MP1B	Mx Mx	004	1.5
76	MP1C	X	-5.009	1.5
77	MP1C	Z	-8.675	1.5
78	MP1C	Mx	.005	1.5
79	MP4B	X	-13.348	1
80	MP4B	Z	-23.119	1
81	MP4B	Mx	.009	1
82	MP4B	X	-13.348	5
83	MP4B	Z	-23.119	5
84	MP4B	Mx	.009	5
85	MP4C	X	-11.127	1
86	MP4C	Ž	-19.273	1
87	MP4C	Mx	01	1
88	MP4C	X	-11.127	5
89	MP4C	Z	-19.273	5
90	MP4C	Mx	01	5
91	MP4A	X	-13.578	1
92	MP4A	Z	-23.517	1
93	MP4A		-23.517	1
		Mx Y		
94	MP4A	X	-13.578	5
95	MP4A	Z	-23.517	5
96	MP4A	Mx	0	5
97	M176A	X	-6.748	1.5
98	M176A	Z	-11.688	1.5
99	M176A	Mx	0	1.5
100	M162A	X	-6.748	1.5
101	M162A	Z	-11.688	1.5
102	M162A	Mx	0	1.5
103	M1	X	-12.983	7
104	M1	Z	-22.488	7
105	M1	Mx	0	7
106	M198	X	-15.393	1.5
107	M198	Z	-26.661	1.5
108	M198	Mx	0	1.5
109	M201	X	-15.393	1.5
110	M201	Z	-26.661	1.5
111	M201	Mx	0	1.5
112	M204	X	-15.393	1.5
113	M204	Z	-26.661	1.5
114	M204	Mx	0	1.5
114	IVIZU4	IVIX	U	1.0



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

	Marshaulahal			Location[ft,%]
1	Member Label MP2A	Direction X	Magnitude[lb,k-ft]	Location[it,%]
2	MP2A	Z	-5.043	1
3	MP2A	Mx	004	1
4	MP2A	X	0	5
5	MP2A	Z	-5.043	5
6	MP2A	Mx	004	5
7	MP2B	X	0	1
8	MP2B	Z	-2.917	1
9	MP2B	Mx	.002	1
10	MP2B	X	0	5
11	MP2B	Z	-2.917	5
12	MP2B	Mx	.002	5
13	MP2C	X	0	1
14	MP2C	Z	-4.495	1
15	MP2C	Mx	.000564	1
16	MP2C	X	0	5
17	MP2C	Z	-4.495	5
18	MP2C	Mx	.000564	5
19	MP2A	X	0	1
20	MP2A	Z	-7.988	1
21	MP2A	Mx	.002	1
22	MP2A	X	0	5
23	MP2A	Z	-7.988	5
24	MP2A	Mx	.002	5
25	MP2B	X	0	1
26	MP2B	Z	-6.13	1
27	MP2B	Mx	.002	1
28	MP2B	X	0	5
29	MP2B	Z	-6.13	5
30	MP2B	Mx	.002	5
31	MP2C MP2C	X Z	-7.509	1
33	MP2C MP2C	Mx	006	1
34	MP2C MP2C	X	006	5
35	MP2C	Z	-7.509	5
36	MP2C	Mx	006	5
37	MP3A	X	0	2
38	MP3A	Z	-3.475	2
39	MP3A	Mx	000869	2
40	MP3A	X	0	4
41	MP3A	Ž	-3.475	4
42	MP3A	Mx	000869	4
43	MP3B	X	0	2
44	MP3B	Z	-1.877	2
45	MP3B	Mx	.000882	2
46	MP3B	X	0	4
47	MP3B	Z	-1.877	4
48	MP3B	Mx	.000882	4
49	MP3C	X	0	2 2
50	MP3C		-3.063	2
51	MP3C	Mx	000984	2
52	MP3C	X	0	4
53	MP3C	Z	-3.063	4
54	MP3C	Mx	000984	4
55	M132A	X	0	7
56	M132A	Z	-7.518	7
57	M132A	Mx	0	/



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP2A	X	0	4.5
59	MP2A	Z	-1.664	4.5
60	MP2A	Mx	.000416	4.5
61	MP2B	X	0	4.5
62	MP2B	Z	-1.159	4.5
63	MP2B	Mx	000545	4.5
64	MP2C	X	0	4.5
65	MP2C	Z	-1.534	4.5
66	MP2C	Mx	.000493	4.5
67 68	M148B M148B	X Z	0 -3.082	1.5 1.5
69	M148B	Mx		1.5
70	MP1A	X	0	1.5
71	MP1A	Z	-3.73	1.5
72	MP1A	Mx	.000932	1.5
73	MP1B	X	0	1.5
74	MP1B	Z	-2.913	1.5
75	MP1B	Mx	001	1.5
76	MP1C	X	0	1.5
77	MP1C	Z	-3.519	1.5
78	MP1C	Mx	.001	1.5
79	MP4B	X	0	1
80	MP4B	Z	-7.044	1
81	MP4B	Mx	.003	1
82	MP4B	X	0	5
83	MP4B	Z	-7.044	5
84	MP4B	Mx	.003	5
85	MP4C	X	0	1
86	MP4C	Z	-8.616	1
87	MP4C	Mx	003	1
88	MP4C	X	0	5
89	MP4C	Z	-8.616	5
90	MP4C	Mx	003	5
91	MP4A	X	0	1
92	MP4A	Z	-8.102	1
93	MP4A	Mx	002	1
94	MP4A	X Z	0	5
95 96	MP4A MP4A	Mx	-8.102 002	5 5
97	M176A	X	002	1.5
98	M176A M176A	Z	-3.082	1.5
99	M176A	Mx	0	1.5
100	M162A	X	0	1.5
101	M162A	Z	-3.082	1.5
102	M162A	Mx	0	1.5
103	M1	X	0	7
104	M1	Z	-7.518	7
105	M1	Mx	0	7
106	M198	X	0	1.5
107	M198	Z	-4.956	1.5
108	M198	Mx	0	1.5
109	M201	X	0	1.5
110	M201	Z	-4.956	1.5
111	M201	Mx	0	1.5
112	M204	X	0	1.5
113	M204	Z	-4.956	1.5
114	M204	Mx	0	1.5



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	1.682	1
2	MP2A	Z	-2.913	1
3	MP2A	Mx	002	1
4	MP2A	X	1.682	5
5	MP2A	Z	-2.913	5
6	MP2A	Mx	002	5
7	MP2B	X	1.313	1
8	MP2B	Z	-2.274	1
9	MP2B	Mx	.001	1
10	MP2B	X	1.313	5
11	MP2B	Z	-2.274	5
12	MP2B	Mx	.001	5
13	MP2C	X	2.891	1
14	MP2C	Z	-5.007	1
15	MP2C	Mx	.003	1
16	MP2C	X	2.891	5
17	MP2C	Z	-5.007	5
18	MP2C	Mx	.003	5
19	MP2A	X	3.26	1
20	MP2A	Z	-5.647	1
21	MP2A	Mx	000921	1
22	MP2A	X	3.26	5
23	MP2A	Z	-5.647	5
24	MP2A	Mx	000921	5
25	MP2B	X	2.938	1
26	MP2B		-5.088	1
27	MP2B	Mx	.003	1
28	MP2B	X Z	2.938	5
30	MP2B MP2B		-5.088	<u>5</u> 5
31	MP2C	Mx X	.003 4.316	<u> </u>
32	MP2C MP2C	^ 	-7.476	1
33	MP2C MP2C	Mx	-7.476	1
34	MP2C	X	4.316	5
35	MP2C	Z	-7.476	5
36	MP2C	Mx	006	5
37	MP3A	X	1.106	2
38	MP3A	Z	-1.916	2
39	MP3A	Mx	000958	2
40	MP3A	X	1.106	4
41	MP3A	Z	-1.916	4
42	MP3A	Mx	000958	4
43	MP3B	X	.829	2
44	MP3B	Z	-1.435	2
45	MP3B	Mx	.000816	2
46	MP3B	X	.829	4
47	MP3B	Z	-1.435	4
48	MP3B	Mx	.000816	4
49	MP3C	X	2.015	2
50	MP3C	Z	-3.49	2
51	MP3C	Mx	00035	2
52	MP3C	X	2.015	4
53	MP3C	Z	-3.49	4
54	MP3C	Mx	00035	4
55	M132A	X	3.065	7
56	M132A	Z	-5.309	7
57	M132A	Mx	0	7

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

	Tomit Louds (BLO 20:			
- 0	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP2A	X	.632	4.5
59	MP2A	Z	-1.095	4.5
60	MP2A	Mx	.000547	4.5
61	MP2B	X	.545	4.5
62	MP2B	Z	943	4.5
63	MP2B	Mx	000536	4.5
64	MP2C	X	.92	4.5
65	MP2C	Z	-1.593	4.5
66	MP2C	Mx	.00016	4.5
67	M148B	X	1.265	1.5
68	M148B	Z	-2.191	1.5
69	M148B	Mx	0	1.5
70	MP1A	X	1.542	1.5
71	MP1A	Z	-2.672	1.5
72	MP1A	Mx	.001	1.5
73	MP1B	X	1.401	1.5
74	MP1B	Z	-2.426	1.5
75	MP1B	Mx	001	1.5
76	MP1C	X	2.006	1.5
77	MP1C	Z	-3.475	1.5
78	MP1C	Mx	.000349	1.5
79	MP4B	X	3.377	1
80	MP4B	Z	-5.848	1
81	MP4B	Mx	.003	1
82	MP4B	X	3.377	5
83	MP4B	Z	-5.848	5
84	MP4B	Mx	.003	5
85	MP4C	X	4.949	1
86	MP4C	Z	-8.572	1
87	MP4C	Mx	000859	1
88	MP4C	X	4.949	5
89	MP4C	Z	-8.572	5
90	MP4C	Mx	000859	5
91	MP4A	X	3.302	1
92	MP4A	Z	-5.72	1
93	MP4A	Mx	003	1
94	MP4A	X	3.302	5
95	MP4A	Z	-5.72	5
96	MP4A	Mx	003	5
97	M176A	X	1.265	1.5
98	M176A	Z	-2.191	1.5
99	M176A	Mx	0	1.5
100	M162A	X	1.265	1.5
101	M162A	Z	-2.191	1.5
102	M162A	Mx	0	1.5
103	<u>M1</u>	X	3.065	7
104	M1	Z	-5.309	7
105	<u>M1</u>	Mx	0	7
106	M198	X	.826	1.5
107	M198	Z	-1.431	1.5
108	M198	Mx	0	1.5
109	M201	X	.826	1.5
110	M201	Z	-1.431	1.5
111	M201	Mx	0	1.5
112	M204	X	.826	1.5
113	M204	Z	-1.431	1.5
114	M204	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	2.186	1
2	MP2A	Z	-1.262	1
3	MP2A	Mx	001	1
4	MP2A	X	2.186	5
5	MP2A	Z	-1.262	5
6	MP2A	Mx	001	5
7	MP2B	X	3.388	1
8	MP2B	Z	-1.956	1
9	MP2B	Mx	3.2e-5	1
10	MP2B	X	3.388	5
11	MP2B	Z	-1.956	5
12	MP2B	Mx	3.2e-5	5
13	MP2C	X	4.754	1
14	MP2C		-2.745	1
15	MP2C	Mx	.004	1
16	MP2C	X	4.754	5
17	MP2C	Z	-2.745	5
18	MP2C	Mx	.004	5
19	MP2A	X	5.012	1
20	MP2A	Z	-2.894	1
21	MP2A	Mx	003	1
22	MP2A	X Z	5.012	5
23	MP2A		-2.894	5
24	MP2A	Mx	003	5
25	MP2B	X	6.062	1
26	MP2B		-3.5	1
27	MP2B	Mx	.005	1
28	MP2B	X Z	6.062	5
29	MP2B	Mx	-3.5 .005	<u>5</u> 5
30 31	MP2B MP2C	X	7.256	<u> </u>
	MP2C MP2C	Z	-4.189	1
32 33	MP2C MP2C	Mx	-4.189	1
34	MP2C MP2C	X	7.256	5
35	MP2C	Z	-4.189	5
36	MP2C	Mx	-4.109	5
37	MP3A	X	1.37	2
38	MP3A	Z	791	2
39	MP3A	Mx	000791	2
40	MP3A	X	1.37	4
41	MP3A	Z	791	4
42	MP3A	Mx	000791	4
43	MP3B		2.273	
44	MP3B	X Z	-1.312	2 2
45	MP3B	Mx	.001	2
46	MP3B	X	2.273	4
47	MP3B	Z	-1.312	4
48	MP3B	Mx	.001	4
49	MP3C	X	3.3	2
50	MP3C	Z	-1.905	2
51	MP3C	Mx	.000652	2
52	MP3C	X	3.3	4
53	MP3C	Z	-1.905	4
54	MP3C	Mx	.000652	4
55	M132A	X	4.707	7
56	M132A	Z	-2.718	7
57	M132A	Mx	0	7
	*****		-	·



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

wemk	oer Point Loads (BLC 29 : .	Antenna vvm (60 D	<u>eg)) (Continuea)</u>	
	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP2A	X	.923	4.5
59	MP2A	Z	533	4.5
60	MP2A	Mx	.000533	4.5
61	MP2B	X	1.208	4.5
62	MP2B	Z	698	4.5
63	MP2B	Mx	000535	4.5
64	MP2C	X	1.533	4.5
65	MP2C	Z	885	4.5
66	MP2C	Mx	000303	4.5
67	M148B	X	1.952	1.5
68	M148B	Z	-1.127	1.5
69	M148B	Mx	0	1.5
70	MP1A	X	2.392	1.5
71	MP1A	Z	-1.381	1.5
72	MP1A	Mx	.001	1.5
73	MP1B	X	2.854	1.5
74	MP1B	Z	-1.648	1.5
75	MP1B	Mx	001	1.5
76	MP1C	X	3.378	1.5
77	MP1C	Z	-1.951	1.5
78	MP1C	Mx	000667	1.5
79	MP4B	X	6.959	1
80	MP4B	Z	-4.018	1
81	MP4B	Mx	.003	1
82	MP4B	X	6.959	5
83	MP4B	Z	-4.018	5
84	MP4B	Mx	.003	5
85	MP4C	X	8.321	1
86	MP4C	Z	-4.804	1
87	MP4C	Mx	.002	1
88	MP4C	X	8.321	5
89	MP4C	Z	-4.804	5
90	MP4C	Mx	.002	5
91	MP4A	X	5.072	1
92	MP4A	Z	-2.928	1
93	MP4A	Mx	003	1
94	MP4A	X	5.072	5
95	MP4A	Z	-2.928	5
96	MP4A	Mx	003	5
97	M176A	X	1.952	1.5
98	M176A	Z	-1.127	1.5
99	M176A	Mx	0	1.5
100	M162A	X	1.952	1.5
101	M162A	Z	-1.127	1.5
102	M162A	Mx	0	1.5
103	M1	X	4.707	7
104	M1	Z	-2.718	7
105	M1	Mx	0	7
106	M198	X	0	1.5
107	M198	Z	0	1.5
107	M198	Mx	0	1.5
109	M201	X	0	1.5
110	M201 M201	Z	0	1.5
111	M201	Mx	0	1.5
112	M204	X	0	1.5
113	M204 M204	Z	0	1.5
114	M204	Mx	0	1.5



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	3.364	1
2	MP2A	Z	0	1
3	MP2A	Mx	000475	1
4	MP2A	X	3.364	5
5	MP2A	Z	0	5
6	MP2A	Mx	000475	5
7	MP2B	X	5.49	1
8	MP2B	Z	0	1
9	MP2B	Mx	002	1
10	MP2B	X	5.49	5
11	MP2B	Z	0	5
12	MP2B	Mx	002	5
13	MP2C	X	3.912	1
14	MP2C	Z	0	1
15	MP2C	Mx	.003	1
16	MP2C	X	3.912	5
17	MP2C	Z	0	5
18	MP2C	Mx	.003	5
19	MP2A	X	6.521	1
20	MP2A		0	1
21	MP2A	Mx	005	1
22	MP2A	X	6.521	5
23	MP2A	Z	0	5
24	MP2A	Mx	005	5
25	MP2B	X	8.378	1
26	MP2B	Z	0	1
27	MP2B	Mx	.006	1
28	MP2B	X	8.378	5
29	MP2B	Z	0	5
30	MP2B	Mx	.006	5
31	MP2C	X	6.999	1
32	MP2C	Z	0	1
33	MP2C	Mx	5.6e-5	1
34	MP2C	X	6.999	5
35	MP2C	Z	0	5
36	MP2C	Mx	5.6e-5	5
37	MP3A	X	2.213	2
38	MP3A	Z	0	2
39	MP3A	Mx	000958	2
40	MP3A	X	2.213	4
41	MP3A	Z	0	4 4
	MP3A	Mx	000958	
43	MP3B MP3B	X	3.811	2 2
44 45		Mx	.000652	2
45	MP3B MP3B	X	3.811	4
47	MP3B	Z	0	4
48	MP3B	Mx	.000652	4
48	MP3C		2.625	2
50	MP3C	X	2.025	2 2
51	MP3C	Mx	.001	2
52	MP3C	X	2.625	4
53	MP3C	Z	0	4
54	MP3C	Mx	.001	4
55	M132A	X	6.13	7
56	M132A M132A	Z	0.13	7
57	M132A	Mx	0	7
JI	IVI I JZA	IVIA	U	I

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP2A	X	1.265	4.5
59	MP2A	Z	0	4.5
60	MP2A	Mx	.000548	4.5
61	MP2B	X	1.77	4.5
62	MP2B	Z	0	4.5
63	MP2B	Mx	000303	4.5
64	MP2C	X	1.395	4.5
65	MP2C	Z	0	4.5
66	MP2C	Mx	000534	4.5
67	M148B	X	2.53	1.5
68	M148B	Z	0	1.5
69	M148B	Mx	0	1.5
70	MP1A	<u>X</u>	3.085	1.5
71	MP1A	Z	0	1.5
72	MP1A	Mx	.001	1.5
73	MP1B	X	3.901	1.5
74	MP1B	Z	0	1.5
75	MP1B	Mx	000667	1.5
76	MP1C	X	3.295	1.5
77	MP1C	Z	0	1.5
78	MP1C	Mx	001	1.5
79	MP4B	X	9.608	1
80	MP4B	Z	0	1
81	MP4B	Mx	.002	1
82	MP4B	X	9.608	5
83	MP4B	Z	0	5
84	MP4B	Mx	.002	5
85	MP4C	X	8.035	1
86	MP4C		0	1
87	MP4C	Mx	.003	1
88	MP4C	X Z	8.035	5
89	MP4C		.003	<u>5</u> 5
90	MP4C MP4A	Mx X	6.605	<u>5</u> 1
92	MP4A	Z	0.805	1
93	MP4A	Mx	003	1
94	MP4A	X	6.605	5
95	MP4A	Z	0.003	5
96	MP4A	Mx	003	5
97	M176A	X	2.53	1.5
98	M176A	Z	0	1.5
99	M176A	Mx	0	1.5
100	M162A	X	2.53	1.5
101	M162A	Z	0	1.5
102	M162A	Mx	0	1.5
103	M1	X	6.13	7
104	M1	Z	0	7
105	M1	Mx	0	7
106	M198	X	1.652	1.5
107	M198	Z	0	1.5
108	M198	Mx	0	1.5
109	M201	X	1.652	1.5
110	M201	Ž	0	1.5
111	M201	Mx	0	1.5
112	M204	X	1.652	1.5
113	M204	Z	0	1.5
114	M204	Mx	0	1.5



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

1 MP2A X 4.367 1 2 MP2A X 4.367 5 5 MP2A X 4.367 5 5 MP2A Z 2.522 5 6 MP2A MX 001 5 7 MP2B X 5.007 1 8 MP2B Z 2.891 1 10 MP2B MX 004 1 10 MP2B X 5.007 5 11 MP2B Z 2.891 1 10 MP2B X 5.007 5 11 MP2B Z 2.891 5 11 MP2B Z 2.891 5 12 MP2B X 5.007 5 11 MP2B Z 2.891 5 12 MP2B MX -004 5 13 MP2C X 2.274	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
MP2A				1
4 MP2A Z 2.522 5 6 MP2A MX .001 5 7 MP2B X 5.007 1 8 MF2B Z 2.891 1 9 MF2B X 5.007 5 10 MP2B X 5.007 5 11 MP2B X 5.007 5 11 MP2B X 5.007 5 11 MP2B X 5.007 5 12 MP2B MX 004 5 13 MP2C X 2.274 1 1 14 MP2C X 2.274 1				
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32 MP2C Z 2.938 1 33 MP2C Mx .002 1 34 MP2C X 5.088 5 35 MP2C Z 2.938 5 36 MP2C Mx .002 5 37 MP3A X 3.009 2 38 MP3A Z 1.737 2 39 MP3A Mx 000869 2 40 MP3A X 3.009 4 41 MP3A X 3.009 4 41 MP3A X 3.49 2 43 MP3A Mx 000869 4 43 MP3B X 3.49 2 45 MP3B X 3.49 2 45 MP3B X 3.49 4 47 MP3B X 3.49 4 47 MP3B X 3.49 <td></td> <td></td> <td></td> <td></td>				
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48 MP3B Mx 00035 4 49 MP3C X 1.435 2 50 MP3C Z .829 2				
49 MP3C X 1.435 2 50 MP3C Z .829 2				
50 MP3C Z .829 2		X		2
		Z	.829	2
				2
52 MP3C X 1.435 4				
53 MP3C Z .829 4		Z		
54 MP3C Mx .000816 4				
55 M132A X 6.511 7				
56 M132A Z 3.759 7		Z		
57 M132A Mx 0 7		Mx		

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

	CIT OIII EOGGS (BEO OT :			
	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP2A	X	1.441	4.5
59	MP2A	Z	.832	4.5
60	MP2A	Mx	.000416	4.5
61	MP2B	X	1.593	4.5
62	MP2B	Z	.92	4.5
63	MP2B	Mx	.00016	4.5
64	MP2C	X	.943	4.5
65	MP2C	Z	.545	4.5
66	MP2C	Mx	000536	4.5
67	M148B	X	2.669	1.5
68	M148B	Z	1.541	1.5
69	M148B	Mx	0	1.5
70	MP1A	X	3.23	1.5
71	MP1A	Z	1.865	1.5
72	MP1A	Mx	.000932	1.5
73	MP1B	X	3.475	1.5
74	MP1B	Z	2.006	1.5
75	MP1B	Mx	.000348	1.5
76	MP1C	X	2.426	1.5
77	MP1C	Z	1.401	1.5
78	MP1C	Mx	001	1.5
79	MP4B	X	8.572	1.5 1
	MP4B	Z	4.949	<u> </u> 1
80				•
81	MP4B	Mx	000859	1
82	MP4B	X	8.572	5
83	MP4B	Z	4.949	5
84	MP4B	Mx	000859	5
85	MP4C	X	5.848	1
86	MP4C	Z	3.377	1
87	MP4C	Mx	.003	1
88	MP4C	X	5.848	5
89	MP4C	Z	3.377	5
90	MP4C	Mx	.003	5
91	MP4A	X	7.017	1
92	MP4A	Z	4.051	1
93	MP4A	Mx	002	1
94	MP4A	X	7.017	5
95	MP4A	Z	4.051	5
96	MP4A	Mx	002	5
97	M176A	X	2.669	1.5
98	M176A	Z	1.541	1.5
99	M176A	Mx	0	1.5
100	M162A	X	2.669	1.5
101	M162A	Z	1.541	1.5
102	M162A	Mx	0	1.5
103	M1	X	6.511	7
104	M1	Z	3.759	7
105	M1	Mx	0	7
106	M198	X	4.292	1.5
107	M198	Z	2.478	1.5
108	M198	Mx	0	1.5
109	M201	X	4.292	1.5
110	M201 M201	Z	2.478	1.5
111	M201 M201	Mx	0	1.5
112	M204	X	4.292	1.5 1.5
113	M204	Z	2.478	1.5
114				1.5
114	M204	Mx	0	1.0

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	2.941	1
2	MP2A	Z	5.095	1
3	MP2A	Mx	.003	1
4	MP2A	X	2.941	5
5	MP2A	Z	5.095	5
6	MP2A	Mx	.003	5
7	MP2B	X	2.248	1
8	MP2B	Z	3.893	1
9	MP2B	Mx	003	1
10	MP2B	X	2.248	5
11	MP2B	Z	3.893	5
12	MP2B	Mx	003	5
13	MP2C	X	1.459	1
14	MP2C	Z	2.526	1
15	MP2C	Mx	.000789	1
16	MP2C	X Z	1.459	5
17	MP2C		2.526	<u>5</u> 5
18 19	MP2C MP2A	Mx V	.000789 4.361	<u> </u>
20	MP2A	X	7.553	1
21	MP2A	Mx	005	1
22	MP2A	X	4.361	5
23	MP2A	Z	7.553	5
24	MP2A	Mx	005	5
25	MP2B	X	3.754	1
26	MP2B	Z	6.503	1
27	MP2B	Mx	.000942	1
28	MP2B	X	3.754	5
29	MP2B	Z	6.503	5
30	MP2B	Mx	.000942	5
31	MP2C	X	3.065	1
32	MP2C	Z	5.309	1
33	MP2C	Mx	.004	1
34	MP2C	X	3.065	5
35	MP2C	Z	5.309	5
36	MP2C	Mx	.004	5
37	MP3A	X	2.053	2
38	MP3A	Z	3.556	2
39	MP3A	Mx V	0	2
40	MP3A MP3A	X Z	2.053 3.556	4
41 42	MP3A	Mx	3.550	4
43	MP3B		1.531	2
44	MP3B	X Z	2.653	2
45	MP3B	Mx	000985	2
46	MP3B	X	1.531	4
47	MP3B	Z	2.653	4
48	MP3B	Mx	000985	4
49	MP3C		.938	2
50	MP3C	X Z	1.625	2 2
51	MP3C	Mx	.000882	2
52	MP3C	X	.938	4
53	MP3C	Z	1.625	4
54	MP3C	Mx	.000882	4
55	M132A	X	4.106	7
56	M132A	Z	7.112	7
57	M132A	Mx	0	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP2A	X	.932	4.5
59	MP2A	Z	1.614	4.5
60	MP2A	Mx	0	4.5
61	MP2B	X	.767	4.5
62	MP2B	Z	1.328	4.5
63	MP2B	Mx	.000493	4.5
64	MP2C	X	.579	4.5
65	MP2C	Z	1.003	4.5
66	MP2C	Mx	000544	4.5
67	M148B	X	1.679	1.5
68	M148B	Z	2.909	1.5
69	M148B	Mx	0	1.5
70	MP1A	X	2.026	1.5
71	MP1A	Z	3.509	1.5
72	MP1A	Mx	0	1.5
73	MP1B	X	1.76	1.5
74	MP1B	Z	3.048	1.5
75	MP1B	Mx	.001	1.5
76	MP1C	X	1.457	1.5
77	MP1C	Z	2.523	1.5
78	MP1C	Mx	001	1.5
79	MP4B	X Z	4.308	<u>1</u> 1
80	MP4B		7.462	1
81 82	MP4B MP4B	Mx X	003 4.308	5
83	MP4B	Z	7.462	
	MP4B			<u>5</u> 5
84 85	MP4C	Mx X	003 3.522	1
86	MP4C MP4C	^	6.1	1
87	MP4C MP4C	Mx	.003	1
88	MP4C MP4C	X	3.522	5
89	MP4C MP4C	Z	6.1	5
90	MP4C MP4C	Mx	.003	5
91	MP4A	X	4.426	1
92	MP4A	Z	7.665	1
93	MP4A	Mx	0	1
94	MP4A	X	4.426	5
95	MP4A	Z	7.665	5
96	MP4A	Mx	0	5
97	M176A	X	1.679	1.5
98	M176A	Z	2.909	1.5
99	M176A	Mx	0	1.5
100	M162A	X	1.679	1.5
101	M162A	Z	2.909	1.5
102	M162A	Mx	0	1.5
103	M1	X	4.106	7
104	M1	Z	7.112	7
105	M1	Mx	0	7
106	M198	X	3.304	1.5
107	M198	Z	5.723	1.5
108	M198	Mx	0	1.5
109	M201	X	3.304	1.5
110	M201	Z	5.723	1.5
111	M201	Mx	0	1.5
112	M204	X	3.304	1.5
113	M204	Z	5.723	1.5
114	M204	Mx	0	1.5

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	5.043	1
3	MP2A	Mx	.004	1
4	MP2A	X	0	5
5	MP2A	Z	5.043	5
6	MP2A	Mx	.004	5
7	MP2B	X	0	1
8	MP2B	Z	2.917	1
9	MP2B	Mx	002	1
10	MP2B	X	0	5
11	MP2B	Z	2.917	5
12	MP2B	Mx	002	5
13	MP2C	X Z	0	1
14 15	MP2C		4.495	1
16	MP2C MP2C	Mx X	000564	5
17	MP2C MP2C	Z	0 4.495	5
18	MP2C MP2C	Mx	000564	5
19	MP2C MP2A	X	000564	1
20	MP2A	Z	7.988	1
21	MP2A	Mx	002	1
22	MP2A	X	0	5
23	MP2A	Z	7.988	5
24	MP2A	Mx	002	5
25	MP2B	X	0	1
26	MP2B	Z	6.13	1
27	MP2B	Mx	002	1
28	MP2B	X	0	5
29	MP2B	Z	6.13	5
30	MP2B	Mx	002	5
31	MP2C	X	0	1
32	MP2C	Z	7.509	1
33	MP2C	Mx	.006	1
34	MP2C	X	0	5
35	MP2C	Z	7.509	5
36	MP2C	Mx	.006	5
37	MP3A	X	0	2
38	MP3A	Z	3.475	2
39	MP3A	Mx	.000869	2
40	MP3A	X	0	4
41	MP3A	Z	3.475	4
42	MP3A	Mx	.000869	4
43	MP3B	X	0	2
44	MP3B		1.877	2
45	MP3B	Mx	000882	2
46	MP3B	X	0	4
47	MP3B	Z	1.877	4
48	MP3B	Mx	000882	4
49	MP3C	X	0	2 2
50	MP3C		3.063	2
51	MP3C	Mx	.000984	2
52	MP3C	X Z	3.063	4
53 54	MP3C MP3C	Mx	.000984	4
55	M132A	X	.000984	7
56	M132A M132A	Z	7.518	7
57	M132A M132A	Mx	7.516	7
IJ1	IVI I JZA	IVIX	U	<u> </u>

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP2A	X	0	4.5
59	MP2A	Z	1.664	4.5
60	MP2A	Mx	000416	4.5
61	MP2B	X	0	4.5
62	MP2B	Z	1.159	4.5
63	MP2B	Mx	.000545	4.5
64	MP2C	X	0	4.5
65	MP2C	Z	1.534	4.5
66	MP2C	Mx	000493	4.5
67	M148B	X	0	1.5
68	M148B	Z	3.082	1.5
69	M148B	Mx	0	1.5
70	MP1A	X	0	1.5
71	MP1A	Z	3.73	1.5
72	MP1A	Mx	000932	1.5
73	MP1B	X	0	1.5
74	MP1B	Z	2.913	1.5
75	MP1B	Mx	.001	1.5
76	MP1C	X	0	1.5
77	MP1C	Z	3.519	1.5
78	MP1C	Mx	001	1.5
79	MP4B	X	0	1
80	MP4B	Z	7.044	1
81	MP4B	Mx	003	1
82	MP4B	X	0	5
83	MP4B	Z	7.044	5
84	MP4B	Mx	003	5
85	MP4C	X	0	1
86	MP4C		8.616	<u> </u>
87 88	MP4C MP4C	Mx X	.003	<u> </u>
89	MP4C MP4C	Z	8.616	
90	MP4C MP4C	Mx	.003	<u>5</u> 5
91	MP4A	X	0	<u>5</u> 1
92	MP4A MP4A	Z	8.102	1
93	MP4A	Mx	.002	1
94	MP4A	X	0	5
95	MP4A	Z	8.102	5
96	MP4A	Mx	.002	5
97	M176A	X	0	1.5
98	M176A	Z	3.082	1.5
99	M176A	Mx	0	1.5
100	M162A	X	0	1.5
101	M162A	Z	3.082	1.5
102	M162A	Mx	0	1.5
103	M1	X	0	7
104	M1	Z	7.518	7
105	M1	Mx	0	7
106	M198	X	0	1.5
107	M198	Z	4.956	1.5
108	M198	Mx	0	1.5
109	M201	X	0	1.5
110	M201	Z	4.956	1.5
111	M201	Mx	0	1.5
112	M204	X	0	1.5
113	M204	Z	4.956	1.5
114	M204	Mx	0	1.5

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

	Marshard abol	•		L +: Ff4 0/1
1	Member Label MP2A	Direction X	Magnitude[lb,k-ft] -1.682	Location[ft,%]
2	MP2A	Z	2.913	1
3	MP2A	Mx	.002	1
4	MP2A	X	-1.682	5
5	MP2A	Z	2.913	5
6	MP2A	Mx	.002	5
7	MP2B	X	-1.313	1
8	MP2B	Z	2.274	1
9	MP2B	Mx	001	1
10	MP2B	X	-1.313	5
11	MP2B	Z	2.274	5
12	MP2B	Mx	001	5
13	MP2C	X	-2.891	1
14	MP2C	Z	5.007	1
15	MP2C	Mx	003	1
16	MP2C	X	-2.891	5
17	MP2C	Z	5.007	5
18	MP2C	Mx	003	5
19	MP2A	X	-3.26	1
20	MP2A	Z	5.647	1
21	MP2A	Mx	.000921	1
22	MP2A	X	-3.26	5
23	MP2A	Ž	5.647	5
24	MP2A	Mx	.000921	5
25	MP2B	X	-2.938	1
26	MP2B	Z	5.088	1
27	MP2B	Mx	003	1
28	MP2B	X	-2.938	5
29	MP2B	Z	5.088	5
30	MP2B	Mx	003	5
31	MP2C	X	-4.316	1
32	MP2C	Z	7.476	1
33	MP2C	Mx	.006	1
34	MP2C	X	-4.316	5
35	MP2C	Z	7.476	5
36	MP2C	Mx	.006	5
37	MP3A	X	-1.106	2
38	MP3A	Z	1.916	2
39	MP3A	Mx	.000958	2
40	MP3A	X	-1.106	4
41	MP3A	Z	1.916	4
42	MP3A	Mx	.000958	4
43	MP3B	X	829	2
44	MP3B	Z	1.435	2
45	MP3B	Mx	000816	2
46	MP3B	X	829	4
47	MP3B	Z	1.435	4
48	MP3B	Mx	000816	4
49	MP3C	X	-2.015	2
50	MP3C		3.49	2
51	MP3C	Mx	.00035	2
52	MP3C	X	-2.015	4
53	MP3C	Z	3.49	4
54	MP3C	Mx	.00035	4
55	M132A	X Z	-3.065	7
56	M132A		5.309	7
57	M132A	Mx	0	



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

	CIT OIII EOUUS (BEO 04			
	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP2A	X	632	4.5
59	MP2A	Z	1.095	4.5
60	MP2A	Mx	000547	4.5
61	MP2B	X	545	4.5
62	MP2B	Z	.943	4.5
63	MP2B	Mx	.000536	4.5
64	MP2C	X	92	4.5
65	MP2C	Z	1.593	4.5
66	MP2C	Mx	00016	4.5
67	M148B	X	-1.265	1.5
68	M148B	Z	2.191	1.5
69	M148B	Mx	0	1.5
70	MP1A	X	-1.542	1.5
71	MP1A	Z	2.672	1.5
72	MP1A	Mx	001	1.5
73	MP1B	X	-1.401	1.5
74	MP1B	Z	2.426	1.5
75	MP1B	Mx	.001	1.5
76	MP1C	X	-2.006	1.5
77	MP1C	Z	3.475	1.5
78	MP1C	Mx	000349	1.5
79	MP4B	X	-3.377	1
80	MP4B	Z	5.848	1
81	MP4B	Mx	003	1
82	MP4B	X	-3.377	5
83	MP4B	Z	5.848	5
84	MP4B	Mx	003	5
85	MP4C	X	-4.949	1
86	MP4C	Z	8.572	1
87	MP4C	Mx	.000859	1
88	MP4C	X	-4.949	5
89	MP4C	Z	8.572	5
90	MP4C	Mx	.000859	5
91	MP4A	X	-3.302	1
92	MP4A	Z	5.72	1
93	MP4A	Mx	.003	1
94	MP4A	X	-3.302	5
95	MP4A	Z	5.72	5
96	MP4A	Mx	.003	5
97	M176A	X	-1.265	1.5
98	M176A M176A	Z	2.191	1.5
99	M176A	Mx	0	1.5
100	M162A	X	-1.265	1.5
101	M162A	Z	2.191	1.5
102	M162A	Mx	0	1.5
103	M1	X	-3.065	7
104	M1	Z	5.309	7
105		Mx	0.309	7
106	M198	X	826	1.5
107	M198	Z	1.431	1.5
107	M198	Mx	0	1.5
108	M201	X	826	1.5
110	M201	Z	1.431	1.5
111	M201	Mx	0	1.5
112	M204	X	826	1.5
113	M204	Z	1.431	1.5
114	M204	Mx	0	1.5
114	IVI∠U4	IVIX	U	1.0

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-2.186	1
2	MP2A	Z	1.262	1
3	MP2A	Mx	.001	1
4	MP2A	X	-2.186	5
5	MP2A	Z	1.262	5
6	MP2A	Mx	.001	5
7	MP2B	X	-3.388	1
8	MP2B	Z	1.956	1
9	MP2B	Mx	-3.2e-5	1
10	MP2B MP2B	X Z	-3.388 1.956	5
12	MP2B	Mx	-3.2e-5	<u>5</u> 5
13	MP2C	X	-4.754	1
14	MP2C	Z	2.745	1
15	MP2C	Mx	004	1
16	MP2C	X	-4.754	5
17	MP2C	Z	2.745	5
18	MP2C	Mx	004	5
19	MP2A	X	-5.012	1
20	MP2A	Z	2.894	1
21	MP2A	Mx	.003	1
22	MP2A	X	-5.012	5
23	MP2A	Z	2.894	5
24	MP2A	Mx	.003	5
25	MP2B	X	-6.062	1
26	MP2B	Z	3.5	1
27	MP2B	Mx	005	1
28	MP2B	X	-6.062	5
29	MP2B	Z	3.5	5
30	MP2B	Mx	005	5
31	MP2C	X	-7.256	1
33	MP2C MP2C	Mx	4.189	1
34	MP2C MP2C	X	-7.256	5
35	MP2C	Z	4.189	5
36	MP2C	Mx	.003	5
37	MP3A	X	-1.37	2
38	MP3A	Z	.791	2
39	MP3A	Mx	.000791	2
40	MP3A	X	-1.37	4
41	MP3A	Z	.791	4
42	MP3A	Mx	.000791	4
43	MP3B	X	-2.273	2
44	MP3B	Z	1.312	2
45	MP3B	Mx	001	2
46	MP3B	X	-2.273	4
47	MP3B	Z	1.312	4
48	MP3B	Mx	001	4
49	MP3C	X Z	-3.3	2 2
50	MP3C		1.905	2
51 52	MP3C	Mx V	000652	2 4
	MP3C MP3C	X Z	-3.3 1.905	4
53 54	MP3C MP3C	Mx	000652	4
55	M132A	X	-4.707	7
56	M132A M132A	Z	2.718	7
57	M132A	Mx	0	7
	III I OLI I	14177		<u> </u>



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

	T OIITE EGGGS (BEG GG :			
	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP2A	X	923	4.5
59	MP2A	Z	.533	4.5
60	MP2A	Mx	000533	4.5
61	MP2B	X	-1.208	4.5
62	MP2B	Z	.698	4.5
63	MP2B	Mx	.000535	4.5
64	MP2C	X	-1.533	4.5
65	MP2C	Z	.885	4.5
66	MP2C	Mx	.000303	4.5
67	M148B	X	-1.952	1.5
68	M148B	Z	1.127	1.5
69	M148B	Mx	0	1.5
70	MP1A	X	-2.392	1.5
71	MP1A	Z	1.381	1.5
72	MP1A	Mx	001	1.5
73	MP1B	X	-2.854	1.5
74	MP1B	Z	1.648	1.5
	MP1B		.001	1.5
75 76	MP1C	Mx X	-3.378	1.5
77	MP1C	Z	1.951	1.5
78	MP1C	Mx	.000667	1.5
79	MP4B	X	-6.959	1
80	MP4B	Z	4.018	1
81	MP4B	Mx	003	1
82	MP4B	X	-6.959	5
83	MP4B	Z	4.018	5
84	MP4B	Mx	003	5
85	MP4C	X	-8.321	1
86	MP4C	Z	4.804	1
87	MP4C	Mx	002	1
88	MP4C	X	-8.321	5
89	MP4C	Z	4.804	5
90	MP4C	Mx	002	5
91	MP4A	X	-5.072	1
92	MP4A	Z	2.928	1
93	MP4A	Mx	.003	1
94	MP4A	X	-5.072	5
95	MP4A	Z	2.928	5
96	MP4A	Mx	.003	5
97	M176A	X	-1.952	1.5
98	M176A	Z	1.127	1.5
99	M176A	Mx	0	1.5
100	M162A	X	-1.952	1.5
101	M162A	Z	1.127	1.5
102	M162A	Mx	0	1.5
103	M1	X	-4.707	7
104	M1	Z	2.718	7
105	M1	Mx	0	7
106	M198	X	0	1.5
106	M198	Z	0	1.5
				1.5
108	M198	Mx	0	1.0
109	M201	X	0	1.5
110	M201	Z	0	1.5
111	M201	Mx	0	1.5
112	M204	X	0	1.5
113	M204	Z	0	1.5
114	M204	Mx	0	1.5



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

		Antenna Will (270		
	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X Z	-3.364	1
2	MP2A		0	1
3	MP2A	Mx	.000475	1
4	MP2A	X	-3.364	5
5	MP2A	Z	0	5
6	MP2A	Mx	.000475	5
7	MP2B	X	-5.49	1
8	MP2B	Z	0	1
9	MP2B	Mx	.002	1
10	MP2B	X	-5.49	5
11	MP2B	Z	0	5
12	MP2B	Mx	.002	5
13	MP2C	X	-3.912	1
14	MP2C	Z	0	1
15	MP2C	Mx	003	1
16	MP2C	X	-3.912	5
17	MP2C	Z	0	5
18	MP2C	Mx	003	5
19	MP2A	X	-6.521	1
20	MP2A	Z	0	1
				1
21	MP2A	Mx	.005	<u> </u>
22	MP2A	X	-6.521	5
23	MP2A	Z	0	5
24	MP2A	Mx	.005	5
25	MP2B	X	-8.378	1
26	MP2B	Z	0	1
27	MP2B	Mx	006	1
28	MP2B	X	-8.378	5
29	MP2B	Z	0	5
30	MP2B	Mx	006	5
31	MP2C	X	-6.999	1
32	MP2C	Z	0	1
33	MP2C	Mx	-5.6e-5	1
34	MP2C	X	-6.999	5
35	MP2C	Z	0	5
36	MP2C	Mx	-5.6e-5	5
37	MP3A	X	-2.213	2
38	MP3A	Z	0	2
39	MP3A	Mx	.000958	2
40	MP3A	X	-2.213	4
41	MP3A	Z	0	4
42	MP3A	Mx	.000958	4
43	MP3B	X	-3.811	
44	MP3B	X Z	0	2 2
45	MP3B	Mx	000652	2
46	MP3B	X	-3.811	4
47	MP3B	Z	0	4
48	MP3B	Mx	000652	4
49	MP3C	X	-2.625	2
50	MP3C	Z	-2.025	2
51	MP3C	Mx	001	2
52	MP3C	X	001	4
52		Z		
53	MP3C		0	4
54	MP3C	Mx	001	4
55	M132A	X	-6.13	7
56	M132A	Z	0	7
57	M132A	Mx	0	7

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP2A	X	-1.265	4.5
59	MP2A	Z	0	4.5
60	MP2A	Mx	000548	4.5
61	MP2B	X	-1.77	4.5
62	MP2B	Z	0	4.5
63	MP2B	Mx	.000303	4.5
64	MP2C	X	-1.395	4.5
65	MP2C	Z	0	4.5
66	MP2C	Mx	.000534	4.5
67	M148B	X	-2.53	1.5
68	M148B	Z	0	1.5
69	M148B	Mx	0	1.5
70	MP1A	X	-3.085	1.5
71	MP1A	Z	0	1.5
72	MP1A	Mx	001	1.5
73	MP1B	X	-3.901	1.5
74	MP1B	Z	0	1.5
75	MP1B	Mx	.000667	1.5
76	MP1C	X	-3.295	1.5
77	MP1C	Z	0	1.5
78	MP1C	Mx	.001	1.5
79	MP4B	X	-9.608	1
80	MP4B	Z	0	1
81	MP4B	Mx	002	1
82	MP4B	X Z	-9.608	5
83	MP4B		0	5
84	MP4B	Mx	002	5
85	MP4C	X Z	-8.035	1
86 87	MP4C MP4C	Mx	003	1
88	MP4C MP4C	X	-8.035	5
89	MP4C MP4C	Z	-0.035	
90	MP4C	Mx	003	<u>5</u> 5
91	MP4C MP4A	X	-6.605	<u>5</u> 1
92	MP4A	Z	-0.003	1
93	MP4A	Mx	.003	1
94	MP4A	X	-6.605	5
95	MP4A	Z	0	5
96	MP4A	Mx	.003	5
97	M176A	X	-2.53	1.5
98	M176A	Z	0	1.5
99	M176A	Mx	0	1.5
100	M162A	X	-2.53	1.5
101	M162A	Z	0	1.5
102	M162A	Mx	0	1.5
103	M1	X	-6.13	7
104	M1	Z	0	7
105	M1	Mx	0	7
106	M198	X	-1.652	1.5
107	M198	Z	0	1.5
108	M198	Mx	0	1.5
109	M201	X	-1.652	1.5
110	M201	Z	0	1.5
111	M201	Mx	0	1.5
112	M204	X	-1.652	1.5
113	M204	Z	0	1.5
114	M204	Mx	0	1.5



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	-4.367	1
2	MP2A	Z	-2.522	1
3	MP2A	Mx	001	1
4	MP2A	X	-4.367	5
5	MP2A	Z	-2.522	5
6	MP2A	Mx	001	5
7	MP2B	X	-5.007	1
8	MP2B	Z	-2.891	1
9	MP2B	Mx	.004	1
10	MP2B	X	-5.007	5
11	MP2B	Z	-2.891	5
12	MP2B	Mx	.004	5
13	MP2C MP2C	X	-2.274 -1.313	1
15	MP2C MP2C	Mx	002	1
16	MP2C	X	-2.274	5
17	MP2C	Z	-1.313	5
18	MP2C	Mx	002	5
19	MP2A	X	-6.918	1
20	MP2A	Z	-3.994	1
21	MP2A	Mx	.006	1
22	MP2A	X	-6.918	5
23	MP2A	Z	-3.994	5
24	MP2A	Mx	.006	5
25	MP2B	X	-7.476	1
26	MP2B	Z	-4.316	1
27	MP2B	Mx	004	1
28	MP2B	X	-7.476	5
29	MP2B	Z	-4.316	5
30	MP2B	Mx	004	5
31	MP2C	X	-5.088	1
32	MP2C	Z	-2.938	1
33	MP2C	Mx	002	1
34	MP2C	X Z	-5.088	5
35 36	MP2C MP2C	Mx	-2.938 002	<u>5</u> 5
37	MP3A	X	-3.009	2
38	MP3A	Z	-1.737	2
39	MP3A	Mx	.000869	2
40	MP3A	X	-3.009	4
41	MP3A	Z	-1.737	4
42	MP3A	Mx	.000869	4
43	MP3B	X	-3.49	2
44	MP3B	Z	-2.015	2
45	MP3B	Mx	.00035	2
46	MP3B	X	-3.49	4
47	MP3B	Z	-2.015	4
48	MP3B	Mx	.00035	4
49	MP3C	X	-1.435	2 2
50	MP3C		829	2
51	MP3C	Mx	000816	2
52	MP3C	X	-1.435	4
53	MP3C	Z	829	4
54	MP3C	Mx	000816	4
55	M132A	X	-6.511	7
56	M132A		-3.759	7 7
57	M132A	Mx	0	



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

	CIT OIII LOUGS (BLO OT . 1			
	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP2A	X	-1.441	4.5
59	MP2A	Z	832	4.5
60	MP2A	Mx	000416	4.5
61	MP2B	X	-1.593	4.5
62	MP2B	Z	92	4.5
63	MP2B	Mx	00016	4.5
64	MP2C	X	943	4.5
65	MP2C	Z	545	4.5
66	MP2C	Mx	.000536	4.5
67	M148B	X	-2.669	1.5
68	M148B	Z	-1.541	1.5
69	M148B	Mx	0	1.5
70	MP1A	X	-3.23	1.5
71	MP1A	Z	-1.865	1.5
72	MP1A	Mx	000932	1.5
73	MP1B	X	-3.475	1.5
74	MP1B	Z	-2.006	1.5
	MP1B		000348	1.5
75		Mx		1.5
76	MP1C	X Z	-2.426	1.5
77	MP1C		-1.401	1.5
78	MP1C	Mx	.001	1.5
79	MP4B	X	-8.572	1
80	MP4B	Z	-4.949	1
81	MP4B	Mx	.000859	1
82	MP4B	X	-8.572	5
83	MP4B	Z	-4.949	5
84	MP4B	Mx	.000859	5
85	MP4C	X	-5.848	1
86	MP4C	Z	-3.377	1
87	MP4C	Mx	003	1
88	MP4C	X	-5.848	5
89	MP4C	Z	-3.377	5
90	MP4C	Mx	003	5
91	MP4A	X	-7.017	1
92	MP4A	Z	-4.051	1
93	MP4A	Mx	.002	1
94	MP4A	X	-7.017	5
95	MP4A	Z	-4.051	5
96	MP4A	Mx	.002	5
97	M176A	X	-2.669	1.5
98	M176A	Z	-1.541	1.5
99	M176A M176A	Mx	0	1.5
100	M162A	X	-2.669	1.5
101	M162A M162A	Z	-1.541	1.5
101	M162A	Mx	-1.541	1.5
102	M1	X	-6.511	7
103	M1	Z		7
			-3.759 0	7
105	M1	Mx V		
106	M198	X	-4.292	1.5
107	M198	Z	-2.478	1.5
108	M198	Mx	0	1.5
109	M201	X	-4.292	1.5
110	M201	Z	-2.478	1.5
111	M201	Mx	0	1.5
112	M204	X	-4.292	1.5
113	M204	Z	-2.478	1.5
114	M204	Mx	0	1.5



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

1 MP2A X -2,941 1 2 MP2A X -2,0941 5 4 MP2A X -2,941 5 5 MP2A X -2,941 5 6 MP2A Mx -003 5 7 MP2B X -2,248 1 8 MP2B X -2,248 1 9 MP2B X -2,248 5 10 MP2B X -2,248 5 11 MP2B X -1,499 1 14 MP2C X 1,1499 1 15 MP2C X 1,		Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
MPZA					1
4 MP2A X -2.941 5 5 MP2A Z -5.095 5 6 MP2A Mx -0.003 5 7 MP2B X -2.248 1 8 MP2B Z -3.893 1 10 MP2B X -2.248 5 11 MP2B Z -3.893 5 12 MP2B X -2.248 5 12 MP2B X -2.286 5 14 MP2C X -1.459 1 14 MP2C X -1.459 5 16 MP2C X -1.459 5 17 MP2C X -1.459 5 17 MP2C Mx <					1
5 MP2A Z -5.095 5 7 MP2B X -2.248 1 8 MP2B Z -3.893 1 9 MP2B X -2.248 5 10 MP2B X -2.248 5 11 MP2B X -2.3893 5 12 MP2B MP2C X -1.459 1 14 MP2C X -1.459 1 1 15 MP2C MX -0.00789 1				003	<u> </u>
6 MP2B X -003 5 7 MP2B X -2248 1 8 MP2B Z -3.893 1 9 MP2B X -2.248 5 10 MP2B X -2.248 5 11 MP2B X -2.248 5 11 MP2B Z -3.883 5 12 MP2B MX .003 5 12 MP2B MX .003 5 13 MP2C X -1.459 1 14 MP2C X -1.459 1 15 MP2C MX -0.00789 1 16 MP2C X 1.4499 5 17 MP2C Z -2.526 5 18 MP2C MX -0.00789 5 19 MP2A X 4.361 1 20 MP2A X <t< td=""><td></td><td></td><td>X</td><td></td><td></td></t<>			X		
7 MP2B X -2,248 1 9 MP2B Z -3,893 1 10 MP2B X -2,248 5 11 MP2B Z -3,893 5 11 MP2B Z -3,893 5 12 MP2B MX .003 5 12 MP2B MX .003 5 12 MP2B MX .003 5 14 MP2C X -1,459 1 16 MP2C MX -1,459 5 17 MP2C X -1,459 5 18 MP2C X -1,459 5 18 MP2C X -1,459 5 18 MP2C X -1,436 5 18 MP2C X 4,361 1 20 MP2A X 4,361 1 21 MP2A X					5
8 MP2B Z -3.883 1 10 MP2B X -2.248 5 11 MP2B Z -3.893 5 12 MP2B Mx .003 5 13 MP2C X -1.459 1 14 MP2C Z -2.526 1 15 MP2C Mx 000789 1 16 MP2C X -1.459 5 17 MP2C X -1.459 5 17 MP2C X -1.459 5 18 MP2C X -1.459 5 19 MP2A X -4.361 1 1 20 MP2A X -4.361 1 1 21 MP2A X -4.361 5 1 21 MP2A X -4.361 5 1 22 MP2A X -7.553 5 <					
9			X		
10					•
11					
12			X		
13 MP2C X -1,459 1 14 MP2C Z -2,526 1 15 MP2C Mx -000789 1 16 MP2C X -1,459 5 17 MP2C Z -2,526 5 18 MP2C Mx -000789 5 19 MP2A X -4,361 1 20 MP2A X -4,361 1 20 MP2A X -4,361 5 21 MP2A MX -005 1 21 MP2A MX -4,361 5 23 MP2A X -4,361 5 23 MP2A X -4,361 5 24 MP2A MK .005 5 25 MP2B X -3,754 1 26 MP2B X -3,754 1 27 MP2B X					
14 MP2C Z -2.526 1 16 MP2C X -1.459 5 17 MP2C Z -2.526 5 18 MP2C Mx -000789 5 19 MP2A X -4.361 1 20 MP2A Z -7.553 1 21 MP2A X -4.361 1 22 MP2A X -4.361 1 21 MP2A X -7.553 1 21 MP2A X -4.361 5 23 MP2A Z -7.553 5 24 MP2A X -3.754 1 25 MP2B X -3.754 1 26 MP2B X -3.754 1 27 MP2B Mx -0.00942 1 28 MP2B X -3.754 5 29 MP2B X					
15			X	-1.459	
16 MP2C X -1,459 5 17 MP2C Z -2,526 5 18 MP2C Mx -,000789 5 19 MP2A X -4,361 1 20 MP2A Z -7,553 1 21 MP2A X 4,361 5 22 MP2A X 4,361 5 23 MP2A X 2,7,553 5 24 MP2A X 3,754 1 1 26 MP2B X -3,754 1 1 2 27 MP2B Mx -004 1 3 1 1 2 4 6,503 5 1 3 1 1 2 4 6,503					
17 MP2C Z -2.526 5 18 MP2C Mx -0.00789 5 19 MP2A X -4.361 1 20 MP2A Z -7.553 1 21 MP2A Mx .005 1 22 MP2A X -4.361 5 23 MP2A X -4.361 5 24 MP2A Mx .005 5 24 MP2A Mx .005 5 25 MP2B X -3.754 1 1 26 MP2B Z -6.503 1 1 27 MP2B Mx -0.00942 1 1 29 MP2B X -3.754 5 5 30 MP2B X -3.754 5 5 30 MP2B X -3.754 5 5 30 30 MP2B X -3.754 5 5					
18 MP2C MX -000789 5 19 MP2A X -4.361 1 20 MP2A Z -7.553 1 21 MP2A MX .005 1 22 MP2A X -4.361 5 23 MP2A X -4.361 5 23 MP2A X -4.361 5 23 MP2A X -4.361 5 24 MP2A X -4.361 5 24 MP2A X -4.361 5 24 MP2A MX -0.053 5 25 MP2B X -3.754 1 1 26 MP2B Z -6.503 1 1 28 MP2B X -3.754 5 5 29 MP2B X -3.065 1 3 1 MP2B Z -6.503 5 5 <					
19 MP2A X 4.361 1 20 MP2A Z -7.553 1 21 MP2A MX .005 1 22 MP2A X 4.361 5 23 MP2A Z -7.553 5 24 MP2A X 4.361 5 24 MP2A X -4.361 5 24 MP2B X -3.754 1 26 MP2B X -3.754 1 26 MP2B X -3.754 1 27 MP2B MX -0.0942 1 28 MP2B X -3.754 5 29 MP2B MX -0.0942 1 30 MP2B MX -0.00942 5 31 MP2C X -3.065 1 32 MP2C X -3.065 1 33 MP2C MX -3.					5
20 MP2A Z -7,553 1 21 MP2A MX .005 1 22 MP2A X 4,361 5 23 MP2A Z -7,553 5 24 MP2B X -7,754 1 25 MP2B X -3,754 1 26 MP2B Z -6,503 1 27 MP2B X -3,754 5 28 MP2B X -3,754 5 29 MP2B Z -6,503 5 30 MP2B Z -6,503 5 31 MP2C X -3,065 1 32 MP2B X -3,065 1 33 MP2C X -3,065 1 34 MP2C X -3,065 5 36 MP2C X -3,065 5 36 MP2C X					
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23 MP2A Z -7.553 5 24 MP2A Mx .005 5 25 MP2B X -3.754 1 26 MP2B Z -6.503 1 27 MP2B MX 000942 1 28 MP2B X -3.754 5 29 MP2B X -3.754 5 30 MP2B MX 000422 5 31 MP2B MX 00042 5 31 MP2C X -3.065 1 32 MP2C Mx -3.065 5 35 MP2C X -3.065 5 36 MP2C Mx 004 5 37 MP3A X <td></td> <td></td> <td></td> <td></td> <td></td>					
24 MP2B X -3.754 1 26 MP2B Z -6.503 1 27 MP2B Mx 000942 1 28 MP2B X -3.754 5 29 MP2B X -3.754 5 30 MP2B X -3.065 5 30 MP2B Mx 000942 5 31 MP2C X -3.065 1 32 MP2C X -3.065 1 32 MP2C X -3.065 1 33 MP2C X -3.065 5 34 MP2C X -3.065 5 35 MP2C X -3.065 5 36 MP2C X -3.065 5 36 MP2C X -3.065 5 37 MP3A X -2.053 2 38 MP3A X			X 7		
25 MP2B X -3.754 1 26 MP2B Z -6.503 1 27 MP2B Mx -0.00942 1 28 MP2B X -3.754 5 29 MP2B X -3.053 5 30 MP2B Mx -0.00942 5 31 MP2C X -3.065 1 32 MP2C Z -5.309 1 33 MP2C X -3.065 5 34 MP2C X -3.065 5 35 MP2C X -3.065 5 36 MP2C X -3.099 5 36 MP2C X -3.099 5 36 MP2C X -3.099 5 37 MP3A X -2.053 2 38 MP3A X -2.053 2 39 MP3A X					
26 MP2B Z -6.503 1 27 MP2B Mx -000942 1 28 MP2B X -3.754 5 29 MP2B Z -6.503 5 30 MP2B MX -000942 5 31 MP2C X -3.065 1 32 MP2C X -3.065 1 32 MP2C X -3.065 1 33 MP2C MX -0.04 1 34 MP2C X -3.065 5 35 MP2C X -3.065 5 36 MP2C X -3.09 5 36 MP2C MX -0.04 5 37 MP3A X -2.053 2 38 MP3A X -2.053 2 39 MP3A X -2.053 2 40 MP3A X					
27 MP2B Mx 000942 1 28 MP2B X -3.754 5 29 MP2B Z -6.503 5 30 MP2B Mx 000942 5 31 MP2C X -3.065 1 32 MP2C Z -5.309 1 33 MP2C Mx 004 1 34 MP2C X -3.065 5 35 MP2C X -3.065 5 36 MP2C X -3.065 5 36 MP2C Mx 004 5 37 MP3A X -2.053 2 38 MP3A X -2.053 2 39 MP3A X -2.053 2 40 MP3A X -2.053 4 41 MP3A X -2.556 4 42 MP3A Mx			X 7		
28 MP2B X -3.754 5 29 MP2B Z -6.503 5 30 MP2B Mx 000942 5 31 MP2C X -3.065 1 32 MP2C Z -5.309 1 33 MP2C Mx 004 1 34 MP2C X -3.065 5 35 MP2C X -3.065 5 36 MP2C Mx 004 5 37 MP3A X -2.053 2 38 MP3A X -2.053 2 39 MP3A X -2.053 2 40 MP3A X -2.053 4 41 MP3A X -2.053 4 42 MP3A X -2.053 4 42 MP3A X -1.531 2 45 MP3B X					· · · · · · · · · · · · · · · · · · ·
29 MP2B Z -6.503 5 30 MP2B Mx 000942 5 31 MP2C X -3.065 1 32 MP2C Z -5.309 1 33 MP2C Mx 004 1 34 MP2C X -3.065 5 35 MP2C Z -5.309 5 36 MP2C Mx 004 5 37 MP3A X -2.053 2 38 MP3A X -2.053 2 39 MP3A X -2.053 4 41 MP3A X -1.531 2 44 MP3B X					
30 MP2B Mx 000942 5 311 MP2C X -3.065 1 32 MP2C Z -5.309 1 33 MP2C Mx 004 1 34 MP2C X -3.065 5 35 MP2C Z -5.309 5 36 MP2C Mx 004 5 37 MP3A X -2.053 2 38 MP3A X -2.053 2 39 MP3A X -2.053 2 40 MP3A X -2.053 4 41 MP3A X -2.053 4 41 MP3A X -2.053 4 42 MP3A X -2.053 4 42 MP3A X -2.053 4 44 MP3B X -1.531 2 45 MP3B X			X 7		
31 MP2C X -3.065 1 32 MP2C Z -5.309 1 33 MP2C Mx 004 1 34 MP2C X -3.065 5 35 MP2C Z -5.309 5 36 MP2C Mx 004 5 37 MP3A X -2.053 2 38 MP3A X -2.053 2 39 MP3A X -3.556 2 39 MP3A Mx 0 2 40 MP3A X -2.053 4 41 MP3A X -2.053 4 41 MP3A X -2.053 4 42 MP3A X -1.531 2 44 MP3B X -1.531 2 44 MP3B X -1.531 4 47 MP3B X <t< td=""><td></td><td></td><td></td><td></td><td><u>5</u></td></t<>					<u>5</u>
32 MP2C Z -5.309 1 33 MP2C Mx 004 1 34 MP2C X -3.065 5 35 MP2C Z -5.309 5 36 MP2C Mx 004 5 37 MP3A X -2.053 2 38 MP3A X -2.053 2 39 MP3A Mx 0 2 40 MP3A X -2.053 4 41 MP3A X -2.053 4 41 MP3A X -2.053 4 42 MP3A X -2.053 4 42 MP3A X -1.531 2 44 MP3B X -1.531 2 45 MP3B X -1.531 4 47 MP3B X -1.531 4 47 MP3B X <t< td=""><td></td><td></td><td></td><td></td><td></td></t<>					
33 MP2C Mx 004 1 34 MP2C X -3.065 5 35 MP2C Z -5.309 5 36 MP2C Mx 004 5 37 MP3A X -2.053 2 38 MP3A X -2.053 2 39 MP3A X -2.053 4 40 MP3A X -2.053 4 41 MP3A X -2.053 4 42 MP3A X -2.053 4 42 MP3A X -1.531 2 44 MP3B X -1.531 2 44 MP3B X -1.531 2 44 MP3B X -1.531 4 47 MP3B X -1.531 4 47 MP3B X -1.531 4 48 MP3B MX					
34 MP2C X -3.065 5 35 MP2C Z -5.309 5 36 MP2C Mx 004 5 37 MP3A X -2.053 2 38 MP3A Z -3.556 2 39 MP3A MX 0 2 40 MP3A X -2.053 4 41 MP3A Z -3.556 4 42 MP3A X -2.053 4 42 MP3A X -1.531 2 44 MP3B X -1.531 2 44 MP3B X -1.531 2 45 MP3B X -1.531 4 47 MP3B X -1.531 4 47 MP3B X -1.531 4 49 MP3B X -9.38 2 50 MP3C X <td< td=""><td></td><td></td><td></td><td></td><td></td></td<>					
35 MP2C Z -5.309 5 36 MP2C Mx 004 5 37 MP3A X -2.053 2 38 MP3A Z -3.556 2 39 MP3A Mx 0 2 40 MP3A X -2.053 4 41 MP3A X -2.053 4 41 MP3A X -2.053 4 42 MP3A Mx 0 4 43 MP3B X -1.531 2 44 MP3B X -1.531 2 45 MP3B Mx .00985 2 46 MP3B X -1.531 4 47 MP3B X -1.531 4 48 MP3B X -2.653 4 49 MP3C X 938 2 50 MP3C X					•
36 MP2C Mx 004 5 37 MP3A X -2.053 2 38 MP3A Z -3.556 2 39 MP3A Mx 0 2 40 MP3A X -2.053 4 41 MP3A X -2.053 4 42 MP3A Mx 0 4 43 MP3B X -1.531 2 44 MP3B X -1.531 2 45 MP3B Mx .000985 2 46 MP3B X -1.531 4 47 MP3B X -1.531 4 48 MP3B X -2.653 4 49 MP3C X 938 2 50 MP3C X 938 2 50 MP3C X 938 4 53 MP3C X 9					
37 MP3A X -2.053 2 38 MP3A Z -3.556 2 39 MP3A Mx 0 2 40 MP3A X -2.053 4 41 MP3A Z -3.556 4 42 MP3A Mx 0 4 42 MP3B X -1.531 2 44 MP3B X -1.531 2 45 MP3B Mx .000985 2 46 MP3B X -1.531 4 47 MP3B X -1.531 4 47 MP3B X -1.531 4 48 MP3B X -1.531 4 49 MP3C X 938 2 50 MP3C X 938 2 51 MP3C X 938 4 53 MP3C X 9					<u>5</u>
38 MP3A Z -3.556 2 39 MP3A Mx 0 2 40 MP3A X -2.053 4 41 MP3A Z -3.556 4 42 MP3A Mx 0 4 43 MP3B X -1.531 2 44 MP3B X -1.531 2 45 MP3B Mx .000985 2 46 MP3B X -1.531 4 47 MP3B X -1.531 4 48 MP3B X -9.38 2 49 MP3C X 938 2 50 MP3C X 938 2 51 MP3C Mx 000882 2 52 MP3C X 938 4 53 MP3C X 938 4 54 MP3C X					
39 MP3A Mx 0 2 40 MP3A X -2.053 4 41 MP3A Z -3.556 4 42 MP3A Mx 0 4 43 MP3B X -1.531 2 44 MP3B Z -2.653 2 45 MP3B Mx .000985 2 46 MP3B X -1.531 4 47 MP3B Z -2.653 4 48 MP3B X -0.00985 4 49 MP3C X 938 2 50 MP3C X 938 2 51 MP3C Mx 000882 2 52 MP3C X 938 4 53 MP3C X 938 4 53 MP3C X 938 4 54 MP3C X			7		2
40 MP3A X -2.053 4 41 MP3A Z -3.556 4 42 MP3A Mx 0 4 43 MP3B X -1.531 2 44 MP3B Z -2.653 2 45 MP3B Mx .000985 2 46 MP3B X -1.531 4 47 MP3B Z -2.653 4 48 MP3B Mx .000985 4 49 MP3C X 938 2 50 MP3C X 938 2 51 MP3C Mx 000882 2 52 MP3C X 938 4 53 MP3C X 938 4 54 MP3C X 938 4 55 M132A X 4.106 7					2
41 MP3A Z -3.556 4 42 MP3A Mx 0 4 43 MP3B X -1.531 2 44 MP3B Z -2.653 2 45 MP3B Mx .000985 2 46 MP3B X -1.531 4 47 MP3B Z -2.653 4 48 MP3B Mx .000985 4 49 MP3C X 938 2 50 MP3C Z -1.625 2 51 MP3C Mx 000882 2 52 MP3C X 938 4 53 MP3C X 938 4 54 MP3C Mx 000882 4 55 M132A X -4.106 7					
42 MP3A Mx 0 4 43 MP3B X -1.531 2 44 MP3B Z -2.653 2 45 MP3B Mx .000985 2 46 MP3B X -1.531 4 47 MP3B Z -2.653 4 48 MP3B Mx .000985 4 49 MP3C X 938 2 50 MP3C Z -1.625 2 51 MP3C Mx 000882 2 52 MP3C X 938 4 53 MP3C X 938 4 54 MP3C Mx 000882 4 55 M132A X -4.106 7				-3.556	
43 MP3B X -1.531 2 44 MP3B Z -2.653 2 45 MP3B Mx .000985 2 46 MP3B X -1.531 4 47 MP3B Z -2.653 4 48 MP3B Mx .000985 4 49 MP3C X 938 2 50 MP3C Z -1.625 2 51 MP3C Mx 000882 2 52 MP3C X 938 4 53 MP3C Z -1.625 4 54 MP3C Mx 000882 4 55 M132A X -4.106 7					
45 MP3B Mx .000985 2 46 MP3B X -1.531 4 47 MP3B Z -2.653 4 48 MP3B Mx .000985 4 49 MP3C X 938 2 50 MP3C Z -1.625 2 51 MP3C Mx 000882 2 52 MP3C X 938 4 53 MP3C Z -1.625 4 54 MP3C Mx 000882 4 55 M132A X -4.106 7					
45 MP3B Mx .000985 2 46 MP3B X -1.531 4 47 MP3B Z -2.653 4 48 MP3B Mx .000985 4 49 MP3C X 938 2 50 MP3C Z -1.625 2 51 MP3C Mx 000882 2 52 MP3C X 938 4 53 MP3C Z -1.625 4 54 MP3C Mx 000882 4 55 M132A X -4.106 7			7	-2.653	2
46 MP3B X -1.531 4 47 MP3B Z -2.653 4 48 MP3B Mx .000985 4 49 MP3C X 938 2 50 MP3C Z -1.625 2 51 MP3C Mx 000882 2 52 MP3C X 938 4 53 MP3C Z -1.625 4 54 MP3C Mx 000882 4 55 M132A X -4.106 7					2
47 MP3B Z -2.653 4 48 MP3B Mx .000985 4 49 MP3C X 938 2 50 MP3C Z -1.625 2 51 MP3C Mx 000882 2 52 MP3C X 938 4 53 MP3C Z -1.625 4 54 MP3C Mx 000882 4 55 M132A X -4.106 7					
48 MP3B Mx .000985 4 49 MP3C X 938 2 50 MP3C Z -1.625 2 51 MP3C Mx 000882 2 52 MP3C X 938 4 53 MP3C Z -1.625 4 54 MP3C Mx 000882 4 55 M132A X -4.106 7					
49 MP3C X 938 2 50 MP3C Z -1.625 2 51 MP3C Mx 000882 2 52 MP3C X 938 4 53 MP3C Z -1.625 4 54 MP3C Mx 000882 4 55 M132A X -4.106 7					
50 MP3C Z -1.625 2 51 MP3C Mx 000882 2 52 MP3C X 938 4 53 MP3C Z -1.625 4 54 MP3C Mx 000882 4 55 M132A X -4.106 7			X		2
51 MP3C Mx 000882 2 52 MP3C X 938 4 53 MP3C Z -1.625 4 54 MP3C Mx 000882 4 55 M132A X -4.106 7			Z		2
52 MP3C X 938 4 53 MP3C Z -1.625 4 54 MP3C Mx 000882 4 55 M132A X -4.106 7					2
53 MP3C Z -1.625 4 54 MP3C Mx 000882 4 55 M132A X -4.106 7					
54 MP3C Mx 000882 4 55 M132A X -4.106 7			Z		
55 M132A X -4.106 7					
56 M132A Z -7.112 7	56	M132A	Z	-7.112	7
57 M132A Mx 0 7			Mx		

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
58	MP2A	X	932	4.5
59	MP2A	Z	-1.614	4.5
60	MP2A	Mx	0	4.5
61	MP2B	X	767	4.5
62	MP2B	Z	-1.328	4.5
63	MP2B	Mx	000493	4.5
64	MP2C	X	579	4.5
65	MP2C	Z	-1.003	4.5
66	MP2C	Mx	.000544	4.5
67	M148B	X	-1.679	1.5
68	M148B	Z	-2.909	1.5
69	M148B	Mx	0	1.5
70	MP1A	X	-2.026	1.5
71	MP1A	Z	-3.509	1.5
72	MP1A	Mx	0	1.5
73	MP1B	X	-1.76	1.5
74	MP1B	Z	-3.048	1.5
75	MP1B	Mx	001	1.5
76	MP1C	X	-1.457	1.5
77	MP1C	Z	-2.523	1.5
78	MP1C	Mx	.001	1.5
79	MP4B	X Z	-4.308	1
80	MP4B		-7.462	1
81	MP4B	Mx	.003	1
82	MP4B	X Z	-4.308	5
83	MP4B		-7.462	5
84	MP4B MP4C	Mx V	.003 -3.522	<u>5</u> 1
85 86	MP4C MP4C	X Z	-3.522 -6.1	1
87	MP4C MP4C	Mx	-0.1	1
88	MP4C MP4C	X	-3.522	5
89	MP4C	Z	-5.322 -6.1	5
90	MP4C MP4C	Mx	-0.1	5
91	MP4A	X	-4.426	1
92	MP4A	Z	-7.665	1
93	MP4A	Mx	0	1
94	MP4A	X	-4.426	5
95	MP4A	Z	-7.665	5
96	MP4A	Mx	0	5
97	M176A	X	-1.679	1.5
98	M176A	Z	-2.909	1.5
99	M176A	Mx	0	1.5
100	M162A	X	-1.679	1.5
101	M162A	Ž	-2.909	1.5
102	M162A	Mx	0	1.5
103	M1	X	-4.106	7
104	M1	Z	-7.112	7
105	M1	Mx	0	7
106	M198	X	-3.304	1.5
107	M198	Z	-5.723	1.5
108	M198	Mx	0	1.5
109	M201	X	-3.304	1.5
110	M201	Z	-5.723	1.5
111	M201	Mx	0	1.5
112	M204	X	-3.304	1.5
113	M204	Z	-5.723	1.5
114	M204	Mx	0	1.5



Member Point Loads (BLC 77 : Lm1)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M35	Υ	-500	%16

Member Point Loads (BLC 78 : Lm2)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M35	Υ	-500	%83

Member Point Loads (BLC 79 : Lv1)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M35	Υ	-250	%100

Member Point Loads (BLC 80 : Lv2)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M35	Υ	-250	%50

Member Point Loads (BLC 81 : Antenna Ev)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	Υ	956	1
2	MP2A	My	000135	1
3	MP2A	Mz	.000722	1
4	MP2A	Y	956	5
5	MP2A	My	000135	5
6	MP2A	Mz	.000722	5
7	MP2B	Υ	956	1
8	MP2B	My	00036	1
9	MP2B	Mz	00064	1
10	MP2B	Υ	956	5
11	MP2B	My	00036	5
12	MP2B	Mz	00064	5
13	MP2C	Υ	956	1
14	MP2C	My	.000724	1
15	MP2C	Mz	00012	1
16	MP2C	Υ	956	5
17	MP2C	My	.000724	5
18	MP2C	Mz	00012	5
19	MP2A	Υ	-1.413	1
20	MP2A	My	001	1
21	MP2A	Mz	00036	1
22	MP2A	Υ	-1.413	5
23	MP2A	My	001	5
24	MP2A	Mz	00036	5
25	MP2B	Υ	-1.413	1
26	MP2B	My	.001	1
27	MP2B	Mz	000382	1
28	MP2B	Υ	-1.413	5
29	MP2B	My	.001	5
30	MP2B	Mz	000382	5
31	MP2C	Υ	-1.413	1
32	MP2C	My	1.1e-5	1
33	MP2C	Mz	.001	1
34	MP2C	Y	-1.413	5
35	MP2C	My	1.1e-5	5
36	MP2C	Mz	.001	5
37	MP3A	Y	-1.253	2
38	MP3A	My	000543	2
39	MP3A	Mz	.000313	2

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

		-interina Ev) (Cont		
40	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
40	MP3A	Y	-1.253	4
41	MP3A	My	000543	4
42	MP3A	Mz	.000313	4
43	MP3B	Y	-1.253	2
44	MP3B	My	.000214	2
45	MP3B	Mz	000589	2
46	MP3B	Υ	-1.253	4
47	MP3B	My	.000214	4
48	MP3B	Mz	000589	4
49	MP3C	Υ	-1.253	2
50	MP3C	My	.00048	2
51	MP3C	Mz	.000403	2
52	MP3C	Υ	-1.253	4
53	MP3C	My	.00048	4
54	MP3C	Mz	.000403	4
55	M132A	Y	-1.399	7
56	M132A	My	0	7
57	M132A	Mz	0	7
58	MP2A	Y	-1.063	4.5
59	MP2A	My	.00046	4.5
60	MP2A	Mz	000266	4.5
61	MP2B	Y	-1.063	4.5
62	MP2B	My	000182	4.5
63	MP2B	Mz	.000499	4.5
64	MP2C	Y	-1.063	4.5
65	MP2C	My	000407	4.5
66	MP2C	Mz	000407	4.5
67		Y		1.5
	M148B		-3.267	1.5
68	M148B	My	0	1.5
69	M148B	Mz		1.5
70	MP1A	Y	-3.459	1.5
71	MP1A	My	.001	1.5
72	MP1A	Mz	000865	1.5
73	MP1B	Y	-3.459	1.5
74	MP1B	My	000592	1.5
75	MP1B	Mz	.002	1.5
76	MP1C	Y	-3.459	1.5
77	MP1C	My	001	1.5
78	MP1C	Mz	001	1.5
79	MP4B	Y	-1.004	1
80	MP4B	My	.000172	1
81	MP4B	Mz	000472	11
82	MP4B	Y	-1.004	5
83	MP4B	My	.000172	5
84	MP4B	Mz	000472	5
85	MP4C	Y	-1.004	1
86	MP4C	My	.000384	1
87	MP4C	Mz	.000323	1
88	MP4C	Υ	-1.004	5
89	MP4C	My	.000384	5
90	MP4C	Mz	.000323	5
91	MP4A	Υ	575	1
92	MP4A	My	000249	1
93	MP4A	Mz	.000144	1
94	MP4A	Υ	575	5
95	MP4A	My	000249	5
96	MP4A	Mz	.000144	5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
97	M176A	Υ	-3.267	1.5
98	M176A	My	0	1.5
99	M176A	Mz	0	1.5
100	M162A	Υ	-3.267	1.5
101	M162A	My	0	1.5
102	M162A	Mz	0	1.5
103	M1	Υ	-1.399	7
104	M1	My	0	7
105	M1	Mz	0	7
106	M198	Υ	-1.321	1.5
107	M198	My	0	1.5
108	M198	Mz	0	1.5
109	M201	Υ	-1.321	1.5
110	M201	My	0	1.5
111	M201	Mz	0	1.5
112	M204	Υ	-1.321	1.5
113	M204	My	0	1.5
114	M204	Mz	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	Z	-2.389	1
2	MP2A	Mx	002	1
3	MP2A	Z	-2.389	5
4	MP2A	Mx	002	5
5	MP2B	Ζ	-2.389	1
6	MP2B	Mx	.002	1
7	MP2B	Ζ	-2.389	5
8	MP2B	Mx	.002	5
9	MP2C	Z	-2.389	1
10	MP2C	Mx	.0003	1
11	MP2C	Z	-2.389	5
12	MP2C	Mx	.0003	5
13	MP2A	Ζ	-3.531	1
14	MP2A	Mx	.000901	1
15	MP2A	Ζ	-3.531	5
16	MP2A	Mx	.000901	5
17	MP2B	Ζ	-3.531	1
18	MP2B	Mx	.000955	1
19	MP2B	Ζ	-3.531	5
20	MP2B	Mx	.000955	5
21	MP2C	Ζ	-3.531	1
22	MP2C	Mx	003	1
23	MP2C	Ζ	-3.531	5
24	MP2C	Mx	003	5
25	MP3A	Z	-3.132	2
26	MP3A	Mx	000783	2
27	MP3A	Ζ	-3.132	4
28	MP3A	Mx	000783	4
29	MP3B	Z	-3.132	2
30	MP3B	Mx	.001	2
31	MP3B	Z	-3.132	4
32	MP3B	Mx	.001	4
33	MP3C	Ζ	-3.132	2
34	MP3C	Mx	001	2
35	MP3C	Z	-3.132	4



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
36	MP3C	Mx	001	4
37	M132A	Z	-3.499	7
38	M132A	Mx	0	7
39	MP2A	Z	-2.657	4.5
40	MP2A	Mx	.000664	4.5
41	MP2B	Z	-2.657	4.5
42	MP2B	Mx	001	4.5
43	MP2C	Z	-2.657	4.5
44	MP2C	Mx	.000854	4.5
45	M148B	Z	-8.167	1.5
46	M148B	Mx	0	1.5
47	MP1A	Z	-8.648	1.5
48	MP1A	Mx	.002	1.5
49	MP1B	Z	-8.648	1.5
50	MP1B	Mx	004	1.5
51	MP1C	Z	-8.648	1.5
52	MP1C	Mx	.003	1.5
53	MP4B	Z	-2.509	1
54	MP4B	Mx	.001	1
55	MP4B	Z	-2.509	5
56	MP4B	Mx	.001	5
57	MP4C	Z	-2.509	1
58	MP4C	Mx	000806	1
59	MP4C	Z	-2.509	5
60	MP4C	Mx	000806	5
61	MP4A	Z	-1.438	1
62	MP4A	Mx	000359	1
63	MP4A	Z	-1.438	5 5
64	MP4A	Mx	000359	5
65	M176A	Z	-8.167	1.5
66	M176A	Mx	0	1.5
67	M162A	Z	-8.167	1.5
68	M162A	Mx	0	1.5
69	M1	Z	-3.499	7
70	M1	Mx	0	7
71	M198	Z	-3.302	1.5
72	M198	Mx	0	1.5
73	M201	Z	-3.302	1.5
74	M201	Mx	0	1.5
75	M204	Z	-3.302	1.5
76	M204	Mx	0	1.5

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	MP2A	X	2.389	1
2	MP2A	Mx	000338	1
3	MP2A	Χ	2.389	5
4	MP2A	Mx	000338	5
5	MP2B	Χ	2.389	1
6	MP2B	Mx	000901	1
7	MP2B	X	2.389	5
8	MP2B	Mx	000901	5
9	MP2C	Χ	2.389	1
10	MP2C	Mx	.002	1
11	MP2C	X	2.389	5
12	MP2C	Mx	.002	5



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

			g// (Ochtmaca)	
40	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
13	MP2A	X	3.531	1
14	MP2A	Mx	003	1
15	MP2A	X	3.531	5
16	MP2A	Mx	003	5
17	MP2B	X	3.531	1
18	MP2B	Mx	.003	1
19	MP2B	X	3.531	5
20	MP2B	Mx	.003	5
21	MP2C	X	3.531	1
22	MP2C	Mx	2.8e-5	1
23	MP2C	X	3.531	5
24	MP2C	Mx	2.8e-5	5
25	MP3A	X	3.132	2
26	MP3A	Mx	001	2
27	MP3A	X	3.132	4
28	MP3A	Mx	001	4
29	MP3B	X	3.132	2
30	MP3B	Mx	.000536	2
31	MP3B	X	3.132	4
32	MP3B	Mx	.000536	4
33	MP3C	X	3.132	2
34	MP3C	Mx	.001	2
35	MP3C	X	3.132	4
36	MP3C	Mx	.001	4
37	M132A	X	3.499	7
38	M132A	Mx	0	7
39	MP2A	X	2.657	4.5
40	MP2A	Mx	.001	4.5
41	MP2B	X	2.657	4.5
42	MP2B	Mx	000454	4.5
43	MP2C	X	2.657	4.5
44	MP2C MP2C	Mx	001	4.5
45	M148B	X	8.167	1.5
46		Mx		1.5
47	M148B	X	0 8.648	1.5
	MP1A	Mx	.004	1.5 1.5
48	MP1A	X		1.5
49	MP1B		8.648	1.5
50	MP1B	Mx	001	1.5
51	MP1C	X	8.648	1.5
52	MP1C	Mx	003	1.5
53	MP4B	X	2.509	1
54	MP4B	Mx	.000429	•
55	MP4B	X	2.509	5
56	MP4B	Mx	.000429	5
57	MP4C	X	2.509	1
58	MP4C	Mx	.000961	1
59	MP4C	X	2.509	5
60	MP4C	Mx	.000961	5
61	MP4A	X	1.438	1
62	MP4A	Mx	000623	1
63	MP4A	X	1.438	5
64	MP4A	Mx	000623	5
65	M176A	X	8.167	1.5
66	M176A	Mx	0	1.5
67	M162A	X	8.167	1.5
68	M162A	Mx	0	1.5
69	<u>M1</u>	X	3.499	7



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
70	M1	Mx	0	7
71	M198	X	3.302	1.5
72	M198	Mx	0	1.5
73	M201	X	3.302	1.5
74	M201	Mx	0	1.5
75	M204	X	3.302	1.5
76	M204	Mx	0	1.5

Member Distributed Loads (BLC 40 : Structure Di)

	Member Label	Direction		.End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
1	M1	Υ	-9.341	-9.341	0	%100
2	M2	Υ	-10.38	-10.38	0	%100
3	M3	Υ	-5.705	-5.705	0	%100
4	M6	Υ	-7.403	-7.403	0	%100
5	M27	Υ	-7.403	-7.403	0	%100
6	M33	Υ	-7.403	-7.403	0	%100
7	M34	Υ	-13.781	-13.781	0	%100
8	M35	Υ	-13.781	-13.781	0	%100
9	MP1A	Υ	-5.058	-5.058	0	%100
10	M147	Υ	-7.724	-7.724	0	%100
11	M148	Υ	-7.724	-7.724	0	%100
12	M103A	Υ	-5.237	-5.237	0	%100
13	M104A	Υ	-5.705	-5.705	0	%100
14	M101A	Υ	-5.237	-5.237	0	%100
15	M101B	Υ	-5.705	-5.705	0	%100
16	M102A	Υ	-5.237	-5.237	0	%100
17	M103B	Υ	-5.705	-5.705	0	%100
18	M104B	Υ	-5.237	-5.237	0	%100
19	M110B	Υ	-5.772	-5.772	0	%100
20	M109B	Υ	-7.403	-7.403	0	%100
21	M110C	Υ	-7.403	-7.403	0	%100
22	M108A	Υ	-7.403	-7.403	0	%100
23	M109A	Υ	-7.403	-7.403	0	%100
24	M112A	Υ	-7.403	-7.403	0	%100
25	M113A	Υ	-7.403	-7.403	0	%100
26	M116A	Υ	-13.781	-13.781	0	%100
27	M117B	Υ	-13.781	-13.781	0	%100
28	M118A	Υ	-7.403	-7.403	0	%100
29	M118C	Υ	-7.403	-7.403	0	%100
30	M122A	Υ	-13.781	-13.781	0	%100
31	M123A	Υ	-7.403	-7.403	0	%100
32	M124A	Υ	-7.403	-7.403	0	%100
33	M127A	Υ	-13.781	-13.781	0	%100
34	M128A	Υ	-7.403	-7.403	0	%100
35	M129A	Υ	-7.403	-7.403	0	%100
36	M132A	Υ	-9.341	-9.341	0	%100
37	M133A	Υ	-10.38	-10.38	0	%100
38	M136B	Υ	-7.403	-7.403	0	%100
39	M140A	Υ	-7.403	-7.403	0	%100
40	M142A	Υ	-7.403	-7.403	0	%100
41	M144A	Υ	-9.341	-9.341	0	%100
42	M145B	Υ	-10.38	-10.38	0	%100
43	M148A	Υ	-7.403	-7.403	0	%100
44	M152	Υ	-7.403	-7.403	0	%100
45	M154	Υ	-7.403	-7.403	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
46	M152A	Υ	-5.772	-5.772	0	%100
47	M153A	Υ	-5.772	-5.772	0	%100
48	M156	Υ	-7.724	-7.724	0	%100
49	M160	Υ	-7.724	-7.724	0	%100
50	M161	Υ	-7.724	-7.724	0	%100
51	M164	Υ	-7.724	-7.724	0	%100
52	M169	Υ	-7.724	-7.724	0	%100
53	M170	Υ	-7.724	-7.724	0	%100
54	M173	Υ	-7.724	-7.724	0	%100
55	M173A	Υ	-5.237	-5.237	0	%100
56	M174	Υ	-5.705	-5.705	0	%100
57	M175	Υ	-5.237	-5.237	0	%100
58	M176	Υ	-5.705	-5.705	0	%100
59	M177	Υ	-5.237	-5.237	0	%100
60	M178	Υ	-5.705	-5.705	0	%100
61	M179	Υ	-5.237	-5.237	0	%100
62	M180	Υ	-5.237	-5.237	0	%100
63	M181	Υ	-5.705	-5.705	0	%100
64	M182	Υ	-5.237	-5.237	0	%100
65	M183	Υ	-5.705	-5.705	0	%100
66	M184	Υ	-5.237	-5.237	0	%100
67	M185	Υ	-5.705	-5.705	0	%100
68	M186	Υ	-5.237	-5.237	0	%100
69	MP2A	Υ	-5.058	-5.058	0	%100
70	MP3A	Υ	-5.058	-5.058	0	%100
71	MP4A	Υ	-5.058	-5.058	0	%100
72	MP1C	Υ	-5.058	-5.058	0	%100
73	MP2C	Υ	-5.058	-5.058	0	%100
74	MP3C	Υ	-5.058	-5.058	0	%100
75	MP4C	Υ	-5.058	-5.058	0	%100
76	MP1B	Υ	-5.058	-5.058	0	%100
77	MP2B	Υ	-5.058	-5.058	0	%100
78	MP3B	Υ	-5.058	-5.058	0	%100
79	MP4B	Υ	-5.058	-5.058	0	%100
80	M148B	Υ	-5.058	-5.058	0	%100
81	M153B	Υ	-2.382	-2.382	0	%100
82	M154B	Υ	-2.382	-2.382	0	%100
83	M159A	Υ	-2.382	-2.382	0	%100
84	M160A	Υ	-2.382	-2.382	0	%100
85	M162A	Υ	-5.058	-5.058	0	%100
86	M167A	Υ	-2.382	-2.382	0	%100
87	M168A	Υ	-2.382	-2.382	0	%100
88	M173B	Y	-2.382	-2.382	0	%100
89	M174A	Y	-2.382	-2.382	0	%100
90	M176A	Y	-5.058	-5.058	0	%100
91	M181A	Υ	-2.382	-2.382	0	%100
92	M182A	Υ	-2.382	-2.382	0	%100
93	M187B	Y	-2.382	-2.382	0	%100
94	M188	Y	-2.382	-2.382	0	%100
95	M187C	Y	-5.058	-5.058	0	%100
96	M190	Y	-5.058	-5.058	0	%100
97	M193	Y	-5.058	-5.058	0	%100
98	M198	Υ	-5.058	-5.058	0	%100
99	M201	Υ	-5.058	-5.058	0	%100
100	M204	Υ	-5.058	-5.058	0	%100
101	M209	Υ	-5.772	-5.772	0	%100
102	M214	Υ	-5.772	-5.772	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
103	M219	Υ	-5.772	-5.772	0	%100
104	M226	Υ	-7.724	-7.724	0	%100
105	M227	Υ	-7.724	-7.724	0	%100
106	M228	Υ	-7.724	-7.724	0	%100
107	M231	Υ	-10.25	-10.25	0	%100
108	M233	Υ	-10.25	-10.25	0	%100
109	M237	Υ	-10.25	-10.25	0	%100
110	M242	Υ	-5.705	-5.705	0	%100
111	M243	Y	-5.705	-5.705	0	%100
112	M244	Υ	-5.705	-5.705	0	%100
113	M251A	Υ	-5.705	-5.705	0	%100
114	M253	Υ	-5.705	-5.705	0	%100
115	M256	Υ	-10.768	-10.768	0	%100
116	M257	Υ	-10.768	-10.768	0	%100
117	M258	Υ	-10.768	-10.768	0	%100
118	M259	Υ	-5.705	-5.705	0	%100
119	M260	Υ	-5.705	-5.705	0	%100
120	M261	Υ	-5.705	-5.705	0	%100
121	M262	Υ	-5.705	-5.705	0	%100
122	M263	Υ	-5.705	-5.705	0	%100
123	M264	Υ	-5.705	-5.705	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
1	M1	Χ	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	0	0	0	%100
5	M3	Х	0	0	0	%100
6	M3	Z	-12.2	-12.2	0	%100
7	M6	Х	0	0	0	%100
8	M6	Z	0	0	0	%100
9	M27	Х	0	0	0	%100
10	M27	Z	-15.047	-15.047	0	%100
11	M33	Х	0	0	0	%100
12	M33	Z	-15.047	-15.047	0	%100
13	M34	Х	0	0	0	%100
14	M34	Z	-37.617	-37.617	0	%100
15	M35	Х	0	0	0	%100
16	M35	Z	-37.617	-37.617	0	%100
17	MP1A	Х	0	0	0	%100
18	MP1A	Z	-8.934	-8.934	0	%100
19	M147	Х	0	0	0	%100
20	M147	Z	0	0	0	%100
21	M148	Χ	0	0	0	%100
22	M148	Z	0	0	0	%100
23	M103A	Χ	0	0	0	%100
24	M103A	Z	-9.404	-9.404	0	%100
25	M104A	Х	0	0	0	%100
26	M104A	Z	-11.337	-11.337	0	%100
27	M101A	Х	0	0	0	%100
28	M101A	Z	-12.539	-12.539	0	%100
29	M101B	Х	0	0	0	%100
30	M101B	Z	-11.337	-11.337	0	%100
31	M102A	Х	0	0	0	%100
32	M102A	Z	-9.404	-9.404	0	%100

	Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
33	M103B	X	0	0	0	%100 ·
34	M103B	Z	-11.337	-11.337	0	%100
35	M104B	X	0	0	0	%100
36	M104B	Z	-12.539	-12.539	0	%100
37	M110B	X	0	0	0	%100
38	M110B	Z	-10.815	-10.815	0	%100
39	M109B	X	0	0	0	%100
40	M109B	Z	-15.047	-15.047	0	%100
41	M110C	X	0	0	0	%100
42	M110C	Z	-15.047	-15.047	0	%100
43	M108A	X	0	0	0	%100
44	M108A	Z	-3.762	-3.762	0	%100
45	M109A	X	0	0	0	%100
46	M109A	Z	-3.762	-3.762	0	%100
47	M112A	X	0	0	0	%100
48	M112A	Z	-3.762	-3.762	0	%100
49	M113A	X	0	0	0	%100
50	M113A	Z	-3.762	-3.762	0	%100
51	M116A	X	0	0	0	%100
52	M116A	Z	-9.404	-9.404	0	%100
53	M117B	X	0	0	0	%100
54	M117B	Z	-9.404	-9.404	0	%100
55	M118A	X	0	0	0	%100
56	M118A	Z	0	0	0	%100
57	M118C	X	0	0	0	%100
58	M118C	Z	0	0	0	%100
59	M122A	X	0	0	0	%100
60	M122A	Z	-9.404	-9.404	0	%100
61	M123A	X	0	0	0	%100
62	M123A	Z	-3.762	-3.762	0	%100
63	M124A	X	0	0	0	%100
64	M124A	Z	-3.762	-3.762	0	%100
65	M127A	X	0	0	0	%100
66	M127A	Z	-9.404	-9.404	0	%100
67	M128A	X	0	0	0	%100
68	M128A	Z	-3.762	-3.762	0	%100
69	M129A	X	0	0	0	%100
70	M129A	Z	-3.762	-3.762	0	%100
71	M132A	X	0	0	0	%100
72	M132A	Z	-25.274	-25.274	0	%100
73	M133A	X	0	0	0	%100 %400
74	M133A	Z	-21.081	-21.081	0	%100 %400
75	M136B	X	0	0	0	%100 %400
76	M136B	Z	-11.285	-11.285	0	%100 %100
77	M140A	X Z	0	0	0	%100 %100
78	M140A		-11.285	-11.285	0	%100 %100
79	M142A	X	0	0	0	%100 %100
80	M142A	Z	-11.285	-11.285	0	%100 %100
81	M144A	X Z	-25.274	0	0	%100 %100
82	M144A			-25.274	0	%100 %100
83	M145B	X	0	0	0	%100 %100
84	M145B	Z	-21.081	-21.081	0	%100 %100
85	M148A M148A	X Z	-11.285	0 -11.285	0	%100 %100
86		X				%100 %100
87 88	M152 M152	Z	-11.285	0 -11.285	0	%100 %100
89	M154	X	0	0	0	%100

	Member Label	Direction	Start Magnitude[lb/ft,.	End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
90	M154	Z	-11.285	-11.285	0	%100
91	M152A	X	0	0	0	%100
92	M152A	Z	-10.815	-10.815	0	%100
93	M153A	X	0	0	0	%100
94	M153A	Z	-10.815	-10.815	0	%100
95	M156	X	0	0	0	%100
96	M156	Z	-16.492	-16.492	0	%100
97	M160	X	0	0	0	%100
98	M160	Z	-11.422	-11.422	0	%100
99	M161	X	0	0	0	%100
100	M161	Z	-11.422	-11.422	0	%100
101	M164	X	0	0	0	%100
102	M164	Z	-4.123	-4.123	0	%100
103	M169	X	0	0	0	%100
104	M169	Z	-11.422	-11.422	0	%100
105	M170	X	0	0	0	%100
106	M170	Z	-11.422	-11.422	0	%100
107	M173	X	0	0	0	%100
108	M173	Z	-4.123	-4.123	0	%100
109	M173A	X	0	0	0	%100
110	M173A	Z	-6.874	-6.874	0	%100
111	M174	X	0	0	0	%100
112	M174	Z	-11.337	-11.337	0	%100
113	M175	X	0	0	0	%100
114	M175	Z	-6.44	-6.44	0	%100
115	M176	X	0	0	0	%100
116	M176	Z	-11.337	-11.337	0	%100
117	M177	X	0	0	0	%100
118	M177	Z	-7.24	-7.24	0	%100
119	M178	X	0	0	0	%100
120	M178	Z	-11.337	-11.337	0	%100
121	M179	X	0	0	0	%100
122	M179	Z	-6.355	-6.355	0	%100
123	M180	X	0	0	0	%100
124	M180	Z	-6.874	-6.874	0	%100
125	M181	X	0	0	0	%100
126	M181	Z	-11.337	-11.337	0	%100
127	M182	X	0	0	0	%100
128	M182	Z	-6.44	-6.44	0	%100
129	M183	X	0	0	0	%100
130	M183	Z	-11.337	-11.337	0	%100
131	M184	X	0	0	0	%100
132	M184	Z	-7.24	-7.24	0	%100
133	M185	X	0	0	0	%100
134	M185	Z	-11.337	-11.337	0	%100
135	M186	X	0	0	0	%100
136	M186	Z	-6.355	-6.355	0	%100
137	MP2A	X	0	0	0	%100
138	MP2A	Z	-8.934	-8.934	0	%100
139	MP3A	X	0	0	0	%100
140	MP3A	Z	-8.934	-8.934	0	%100
141	MP4A	X	0	0	0	%100
142	MP4A	Z	-8.934	-8.934	0	%100
143	MP1C	X	0	0	0	%100
144	MP1C	Z	-8.934	-8.934	0	%100
145	MP2C	X	0	0	0	%100
146	MP2C	Z	-8.934	-8.934	0	%100



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4.47	Member Label	Direction	Start Magnitude[lb/ft,	<u> </u>	_	End Location[ft,%]
147	MP3C	X	0	0	0	%100
148	MP3C	Z	-8.934	-8.934	0	%100
149	MP4C	X	0	0	0	%100
150	MP4C	Z	-8.934	-8.934	0	%100
151	MP1B	X	0	0	0	%100
152	MP1B	Z	-8.934	-8.934	0	%100 %400
153	MP2B	X	0	0	0	%100
154	MP2B	Z	-8.934	-8.934	0	%100 %400
155	MP3B	X Z	0	0	0	%100
156	MP3B		-8.934	-8.934	0	%100 %400
157	MP4B	X Z	0	0	0	%100 %400
158	MP4B		-8.934	-8.934	0	%100 %400
159	M148B	X Z	-7.306	-7.306	0	%100 %400
160 161	M148B				0	%100 %100
162	M153B	X Z	105	0 105		%100 %400
163	M153B	X			0	%100 %100
	M154B		105	0	0	%100 %100
164	M154B	Z		105	0	
165 166	M159A	X Z	105	0 105	0	%100 %100
167	M159A M160A	X	105	105 0		%100 %100
168	M160A	^ 	105	105	0	%100 %100
169	M162A	X	105	105	0	%100 %100
170	M162A	Z	-7.306	-7.306	0	%100 %100
171	M167A	X	-7.300	-7.300 0	0	%100 %100
172	M167A	Z	784	784	0	%100 %100
173	M168A	X	704	0	0	%100 %100
174	M168A	Z	784	784	0	%100 %100
175	M173B	X	764	0	0	%100 %100
176	M173B	Z	784	784	0	%100 %100
177	M174A	X	0	0	0	%100 %100
178	M174A	Z	784	784	0	%100 %100
179	M174A	X	0	0	0	%100 %100
180	M176A	Z	-7.306	-7.306	0	%100 %100
181	M181A	X	0	0	0	%100 %100
182	M181A	Z	-1.462	-1.462	0	%100 %100
183	M182A	X	0	0	0	%100 %100
184	M182A	Z	-1.462	-1.462	0	%100 %100
185	M187B	X	0	0	0	%100
186	M187B	Z	-1.462	-1.462	0	%100 %100
187	M188	X	0	0	0	%100 %100
188	M188	Z	-1.462	-1.462	0	%100 %100
189	M187C	X	0	0	0	%100
190	M187C	Z	-6.888	-6.888	0	%100
191	M190	X	0	0	0	%100
192	M190	Z	-6.888	-6.888	0	%100
193	M193	X	0	0	0	%100
194	M193	Z	-6.888	-6.888	0	%100
195	M198	X	0	0	0	%100
196	M198	Z	-8.934	-8.934	0	%100
197	M201	Χ	0	0	0	%100
198	M201	Z	-8.934	-8.934	0	%100
199	M204	X	0	0	0	%100
200	M204	Z	-8.934	-8.934	0	%100
201	M209	Χ	0	0	0	%100
202	M209	Ζ	-10.815	-10.815	0	%100
203	M214	Χ	0	0	0	%100



	Member Label	Direction	Start Magnitude[lb/ft,	. End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
204	M214	Ζ	-2.704	-2.704	0	%100
205	M219	Χ	0	0	0	%100
206	M219	Z	-2.704	-2.704	0	%100
207	M226	Χ	0	0	0	%100
208	M226	Z	-15.52	-15.52	0	%100
209	M227	Χ	0	0	0	%100
210	M227	Z	-3.88	-3.88	0	%100
211	M228	X	0	0	0	%100
212	M228	Z	-3.88	-3.88	0	%100
213	M231	Χ	0	0	0	%100
214	M231	Z	-1.411	-1.411	0	%100
215	M233	Х	0	0	0	%100
216	M233	Z	353	353	0	%100
217	M237	X	0	0	0	%100
218	M237	Z	353	353	0	%100
219	M242	X	0	0	0	%100
220	M242	Z	-6.865	-6.865	0	%100
221	M243	X	0	0	0	%100
222	M243	Z	-8.361	-8.361	0	%100
223	M244	Χ	0	0	0	%100
224	M244	Z	-12.2	-12.2	0	%100
225	M251A	Х	0	0	0	%100
226	M251A	Z	-12.2	-12.2	0	%100
227	M253	X	0	0	0	%100
228	M253	Z	-12.2	-12.2	0	%100
229	M256	Х	0	0	0	%100
230	M256	Z	-12.476	-12.476	0	%100
231	M257	Х	0	0	0	%100
232	M257	Z	-15.653	-15.653	0	%100
233	M258	X	0	0	0	%100
234	M258	Z	-15.653	-15.653	0	%100
235	M259	Х	0	0	0	%100
236	M259	Ζ	-11.121	-11.121	0	%100
237	M260	X	0	0	0	%100
238	M260	Z	-11.495	-11.495	0	%100
239	M261	Χ	0	0	0	%100
240	M261	Z	-12.2	-12.2	0	%100
241	M262	X	0	0	0	%100
242	M262	Z	-11.121	-11.121	0	%100
243	M263	Χ	0	0	0	%100
244	M263	Z	-11.495	-11.495	0	%100
245	M264	X	0	0	0	%100
246	M264	Z	-12.2	-12.2	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,	. End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
1	M1	X	4.212	4.212	0	%100
2	M1	Ζ	-7.296	-7.296	0	%100
3	M2	X	3.514	3.514	0	%100
4	M2	Ζ	-6.086	-6.086	0	%100
5	M3	Χ	6.1	6.1	0	%100
6	M3	Ζ	-10.565	-10.565	0	%100
7	M6	X	1.881	1.881	0	%100
8	M6	Ζ	-3.258	-3.258	0	%100
9	M27	X	5.643	5.643	0	%100
10	M27	Z	-9.773	-9.773	0	%100

	Member Label	Direction		End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
11	M33	X	5.643	5.643	0	%100 ·
12	M33	Z	-9.773	-9.773	0	%100
13	M34	X	14.106	14.106	0	%100
14	M34	Z	-24.433	-24.433	0	%100
15	M35	X	14.106	14.106	0	%100
16	M35	Z	-24.433	-24.433	0	%100
17	MP1A	X	4.467	4.467	0	%100
18	MP1A	Z	-7.737	-7.737	0	%100
19	M147	X	1.904	1.904	0	%100
20	M147	Z	-3.297	-3.297	0	%100
21	M148	X	1.904	1.904	0	%100
22	M148	Z	-3.297	-3.297	0	%100
23	M103A	X	4.28	4.28	0	%100
24	M103A	Z	-7.414	-7.414	0	%100
25	M104A	X	5.669	5.669	0	%100
26	M104A	Z	-9.819	-9.819	0	%100
27	M101A	X	5.253	5.253	0	%100
28	M101A	Z	-9.098	-9.098	0	%100
29	M101B	X	5.669	5.669	0	%100
30	M101B	Z	-9.819	-9.819	0	%100
31	M102A	X	4.341	4.341	0	%100
32	M102A	Z	-7.52	-7.52	0	%100
33	M103B	X	5.669	5.669	0	%100
34	M103B	Z	-9.819	-9.819	0	%100
35	M104B	Х	5.239	5.239	0	%100
36	M104B	Z	-9.074	-9.074	0	%100
37	M110B	X	5.407	5.407	0	%100
38	M110B	Z	-9.366	-9.366	0	%100
39	M109B	X	5.643	5.643	0	%100
40	M109B	Z	-9.773	-9.773	0	%100
41	M110C	Х	5.643	5.643	0	%100
42	M110C	Z	-9.773	-9.773	0	%100
43	M108A	X	5.643	5.643	0	%100
44	M108A	Z	-9.773	-9.773	0	%100
45	M109A	Х	5.643	5.643	0	%100
46	M109A	Z	-9.773	-9.773	0	%100
47	M112A	X	0	0	0	%100
48	M112A	Z	0	0	0	%100
49	M113A	X	0	0	0	%100
50	M113A	Z	0	0	0	%100
51	M116A	X	14.106	14.106	0	%100
52	M116A	Z	-24.433	-24.433	0	%100
53	M117B	Х	0	0	0	%100
54	M117B	Z	0	0	0	%100
55	M118A	X	1.881	1.881	0	%100
56	M118A	Z	-3.258	-3.258	0	%100
57	M118C	X	1.881	1.881	0	%100
58	M118C	Z	-3.258	-3.258	0	%100
59	M122A	X	14.106	14.106	0	%100
60	M122A	Z	-24.433	-24.433	0	%100
61	M123A	X	5.643	5.643	0	%100
62	M123A	Z	-9.773	-9.773	0	%100
63	M124A	X	5.643	5.643	0	%100
64	M124A	Z	-9.773	-9.773	0	%100
65	M127A	X	0	0	0	%100
66	M127A	Z	0	0	0	%100
67	M128A	X	0	0	0	%100

			O AM TO THE			
00	Member Label	Direction		End Magnitude[lb/ft,F	_	End Location[ft,%]
68	M128A	Z	0	0	0	%100 %400
69	M129A	X	0	0	0	%100
70	M129A	Z	0	0	0	%100 %400
71	M132A	X	4.212	4.212	0	%100
72	M132A	Z	-7.296	-7.296	0	%100
73	M133A	X	3.514	3.514	0	%100
74	M133A	Z	-6.086	-6.086	0	%100
75	M136B	X	1.881	1.881	0	%100
76	M136B	Z	-3.258	-3.258	0	%100
77	M140A	X	1.881	1.881	0	%100
78	M140A	Z	-3.258	-3.258	0	%100
79	M142A	X	1.881	1.881	0	%100
80	M142A	Z	-3.258	-3.258	0	%100
81	M144A	X	16.849	16.849	0	%100
82	M144A	Z	-29.184	-29.184	0	%100
83	M145B	X	14.054	14.054	0	%100
84	M145B	Z	-24.343	-24.343	0	%100
85	M148A	<u>X</u>	7.523	7.523	0	%100
86	M148A	Z	-13.031	-13.031	0	%100
87	M152	X	7.523	7.523	0	%100
88	M152	Z	-13.031	-13.031	0	%100
89	M154	X	7.523	7.523	0	%100
90	M154	Z	-13.031	-13.031	0	%100
91	M152A	X	5.407	5.407	0	%100
92	M152A	Z	-9.366	-9.366	0	%100
93	M153A	X	5.407	5.407	0	%100
94	M153A	Z	-9.366	-9.366	0	%100
95	M156	<u>X</u>	6.184	6.184	0	%100
96	M156	Z	-10.712	-10.712	0	%100
97	M160	X	1.904	1.904	0	%100
98	M160	Z	-3.297	-3.297	0	%100
99	M161	X	1.904	1.904	0	%100
100	M161	Z	-3.297	-3.297	0	%100
101	M164	X	6.184	6.184	0	%100
102	M164	Z	-10.712	-10.712	0	%100
103	M169	X	7.615	7.615	0	%100
104	M169	Z	-13.189	-13.189	0	%100
105	M170	<u>X</u>	7.615	7.615	0	%100
106	M170	Z	-13.189	-13.189	0	%100
107	M173	X	0	0	0	%100
108	M173	Z	0	0	0	%100
109	M173A	X	4.28	4.28	0	%100
110	M173A	Z	-7.414	-7.414	0	%100
111	M174	X	5.669	5.669	0	%100
112	M174	Z	-9.819	-9.819	0	%100
113	M175	X	5.253	5.253	0	%100
114	M175	Z	-9.098	-9.098	0	%100
115	M176	<u>X</u>	5.669	5.669	0	%100
116	M176	Z	-9.819	-9.819	0	%100
117	M177	X	4.341	4.341	0	%100
118	M177	Z	-7.52	-7.52	0	%100
119	M178	X	5.669	5.669	0	%100
120	M178	Z	-9.819	-9.819	0	%100
121	M179	X	5.239	5.239	0	%100
122	M179	Z	-9.074	-9.074	0	%100
123	M180	X	3.015	3.015	0	%100
124	M180	Z	-5.222	-5.222	0	%100

	Member Label	Direction		.End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
125	M181	X	5.669	5.669	0	%100
126	M181	Z	-9.819	-9.819	0	%100
127	M182	X	2.203	2.203	0	%100
128	M182	Z	-3.816	-3.816	0	%100
129	M183	X	5.669	5.669	0	%100
130	M183	Z	-9.819	-9.819	0	%100
131	M184	X	3.259	3.259	0	%100
132	M184	Z	-5.645	-5.645	0	%100
133	M185	X	5.669	5.669	0	%100
134	M185	Z	-9.819	-9.819	0	%100
135	M186	X	2.147	2.147	0	%100
136	M186	Z	-3.719	-3.719	0	%100
137	MP2A	X	4.467	4.467	0	%100
138	MP2A	Z	-7.737	-7.737	0	%100
139	MP3A	X	4.467	4.467	0	%100
140	MP3A	Z	-7.737	-7.737	0	%100
141	MP4A	X	4.467	4.467	0	%100
142	MP4A	Z	-7.737	-7.737	0	%100
143	MP1C	X	4.467	4.467	0	%100
144	MP1C	Z	-7.737	-7.737	0	%100
145	MP2C	X	4.467	4.467	0	%100
146	MP2C	Z	-7.737	-7.737	0	%100
147	MP3C	X	4.467	4.467	0	%100
148	MP3C	Z	-7.737	-7.737	0	%100
149	MP4C	X	4.467	4.467	0	%100
150	MP4C	Z	-7.737	-7.737	0	%100
151	MP1B	X	4.467	4.467	0	%100
152	MP1B	Z	-7.737	-7.737	0	%100
153	MP2B	X	4.467	4.467	0	%100
154	MP2B	Z	-7.737	-7.737	0	%100
155	MP3B	X	4.467	4.467	0	%100
156	MP3B	Z	-7.737	-7.737	0	%100
157	MP4B	X	4.467	4.467	0	%100
158	MP4B	Z	-7.737	-7.737	0	%100
159	M148B	X	3.653	3.653	0	%100
160	M148B	Z	-6.327	-6.327	0	%100
161	M153B	X	.392	.392	0	%100
162	M153B	Z	679	679	0	%100
163	M154B	X	.392	.392	0	%100
164	M154B	Z	679	679	0	%100
165	M159A	X	.392	.392	0	%100
166	M159A	Z	679	679	0	%100
167	M160A	X	.392	.392	0	%100
168	M160A	Z	679	679	0	%100
169	M162A	X	3.653	3.653	0	%100
170	M162A	Z	-6.327	-6.327	0	%100
171	M167A	X	.052	.052	0	%100
172	M167A	Z	091	091	0	%100
173	M168A	X	.052	.052	0	%100
174	M168A	Z	091	091	0	%100
175	M173B	X	.052	.052	0	%100
176	M173B	Z	091	091	0	%100
177	M174A	X	.052	.052	0	%100
178	M174A	Z	091	091	0	%100
179	M176A	X	3.653	3.653	0	%100
180	M176A	Z	-6.327	-6.327	0	%100
181	M181A	X	.731	.731	0	%100



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182	Member Label	Direction	Start Magnitude[lb/ft,			End Location[ft,%]
183	M181A M182A	<u>Z</u> X	-1.266 .731	-1.266 .731	0	%100 %100
184	M182A				0	%100 %100
		<u>Z</u>	-1.266 724	-1.266 724	-	
185	M187B	X 	.731	.731	0	%100 %400
186 187	M187B M188	X	-1.266 .731	-1.266 .731		%100 %100
188	M188	^	-1.266	-1.266	0	%100 %100
	M187C		3.444	3.444		%100 %100
189 190	M187C	X Z	-5.965	-5.965	0	%100 %100
191	M190	X	3.444	3.444	0	%100 %100
192	M190	Z	-5.965	-5.965	0	%100 %100
193	M193	X	3.444	3.444	0	%100 %100
194	M193	Z	-5.965	-5.965	0	%100 %100
195	M198	X	4.467	4.467	0	%100 %100
196	M198	^	-7.737	-7.737	0	%100 %100
197	M201	X	4.467	4.467	0	%100 %100
198	M201	Z	-7.737	-7.737	0	%100 %100
199	M204	X	4.467	4.467	0	%100 %100
200	M204	Z	-7.737	-7.737	0	%100 %100
201	M209	X	4.056	4.056	0	%100 %100
202	M209	Z	-7.025	-7.025	0	%100 %100
203	M214	X	4.056	4.056	0	%100 %100
204	M214	Z	-7.025	-7.025	0	%100 %100
205	M219	X	0	0	0	%100 %100
206	M219	Z	0	0	0	%100 %100
207	M216	X	5.82	5.82	0	%100 %100
208	M226	Z	-10.081	-10.081	0	%100 %100
209	M227	X	5.82	5.82	0	%100 %100
210	M227	Z	-10.081	-10.081	0	%100 %100
211	M228	X	0	0	0	%100
212	M228	Z	0	0	0	%100
213	M231	X	.529	.529	0	%100
214	M231	Ž	916	916	0	%100
215	M233	X	.529	.529	0	%100
216	M233	Z	916	916	0	%100
217	M237	X	0	0	0	%100
218	M237	Z	0	0	0	%100
219	M242	Х	4.142	4.142	0	%100
220	M242	Z	-7.174	-7.174	0	%100
221	M243	Χ	4.703	4.703	0	%100
222	M243	Z	-8.145	-8.145	0	%100
223	M244	Χ	6.1	6.1	0	%100
224	M244	Z	-10.565	-10.565	0	%100
225	M251A	Χ	6.1	6.1	0	%100
226	M251A	Ζ	-10.565	-10.565	0	%100
227	M253	Χ	6.1	6.1	0	%100
228	M253	Z	-10.565	-10.565	0	%100
229	M256	X	6.768	6.768	0	%100
230	M256	Z	-11.722	-11.722	0	%100
231	M257	Χ	6.768	6.768	0	%100
232	M257	Z	-11.722	-11.722	0	%100
233	M258	Χ	8.356	8.356	0	%100
234	M258	Z	-14.473	-14.473	0	%100
235	M259	X	4.142	4.142	0	%100
236	M259	Z	-7.174	-7.174	0	%100
237	M260	X	4.703	4.703	0	%100
238	M260	Z	-8.145	-8.145	0	%100



	Member Label	Direction	Start Magnitude[lb/ft,	.End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
239	M261	X	6.1	6.1	0	%100
240	M261	Ζ	-10.565	-10.565	0	%100
241	M262	Χ	6.27	6.27	0	%100
242	M262	Z	-10.859	-10.859	0	%100
243	M263	X	6.27	6.27	0	%100
244	M263	Ζ	-10.859	-10.859	0	%100
245	M264	Χ	6.1	6.1	0	%100
246	M264	Z	-10.565	-10.565	0	%100

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

	Member Label	Direction		End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
1	M1	X	21.888	21.888	0	%100
2	M1	Z	-12.637	-12.637	0	%100
3	M2	X	18.257	18.257	0	%100
4	M2	Z	-10.541	-10.541	0	%100
5	M3	X	10.565	10.565	0	%100
6	M3	Z	-6.1	-6.1	0	%100
7	M6	X	9.773	9.773	0	%100
8	M6	Z	-5.643	-5.643	0	%100
9	M27	X	3.258	3.258	0	%100
10	M27	Z	-1.881	-1.881	0	%100
11	M33	X	3.258	3.258	0	%100
12	M33	Z	-1.881	-1.881	0	%100
13	M34	X	8.144	8.144	0	%100
14	M34	Z	-4.702	-4.702	0	%100
15	M35	X	8.144	8.144	0	%100
16	M35	Z	-4.702	-4.702	0	%100
17	MP1A	X	7.737	7.737	0	%100
18	MP1A	Z	-4.467	-4.467	0	%100
19	M147	X	9.892	9.892	0	%100
20	M147	Z	-5.711	-5.711	0	%100
21	M148	X	9.892	9.892	0	%100
22	M148	Z	-5.711	-5.711	0	%100
23	M103A	X	5.953	5.953	0	%100
24	M103A	Z	-3.437	-3.437	0	%100
25	M104A	X	9.819	9.819	0	%100
26	M104A	Z	-5.669	-5.669	0	%100
27	M101A	X	5.577	5.577	0	%100
28	M101A	Z	-3.22	-3.22	0	%100
29	M101B	X	9.819	9.819	0	%100
30	M101B	Z	-5.669	-5.669	0	%100
31	M102A	X	6.27	6.27	0	%100
32	M102A	Z	-3.62	-3.62	0	%100
33	M103B	X	9.819	9.819	0	%100
34	M103B	Z	-5.669	-5.669	0	%100
35	M104B	X	5.504	5.504	0	%100
36	M104B	Z	-3.178	-3.178	0	%100
37	M110B	X	9.366	9.366	0	%100
38	M110B	Z	-5.407	-5.407	0	%100
39	M109B	X	3.258	3.258	0	%100
40	M109B	Z	-1.881	-1.881	0	%100
41	M110C	X	3.258	3.258	0	%100
42	M110C	Z	-1.881	-1.881	0	%100
43	M108A	X	13.031	13.031	0	%100
44	M108A	Z	-7.523	-7.523	0	%100
45	M109A	X	13.031	13.031	0	%100

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40	Member Label	Direction		End Magnitude[lb/ft,F		End Location[ft,%]
46	M109A	Z	-7.523	-7.523	0	%100
47	M112A	X	3.258	3.258	0	%100
48	M112A	Z	-1.881	-1.881	0	%100
49	M113A	X	3.258	3.258	0	%100
50	M113A	Z	-1.881	-1.881	0	%100
51	M116A	Χ	32.578	32.578	0	%100
52	M116A	Z	-18.809	-18.809	0	%100
53	M117B	X	8.144	8.144	0	%100
54	M117B	Z	-4.702	-4.702	0	%100
55	M118A	X	9.773	9.773	0	%100
56	M118A	Z	-5.643	-5.643	0	%100
57	M118C	Х	9.773	9.773	0	%100
58	M118C	Z	-5.643	-5.643	0	%100
59	M122A	X	32.578	32.578	0	%100
60	M122A	Z	-18.809	-18.809	0	%100
61	M123A	X	13.031	13.031	0	%100
62	M123A	Ž	-7.523	-7.523	0	%100
63	M124A	X	13.031	13.031	0	%100
64	M124A	Z	-7.523	-7.523	0	%100 %100
65	M127A	X	8.144	8.144	0	%100 %100
66	M127A	Z	-4.702	-4.702	0	%100 %100
67	M128A	X	3.258	3.258	0	%100 %100
68	M128A	Z	-1.881	-1.881	0	%100 %100
	M129A		3.258			%100 %100
69		X Z		3.258	0	
70	M129A		-1.881	-1.881		%100 %400
71	M132A	X	0	0	0	%100
72	M132A	Z	0	0	0	%100
73	M133A	X	0	0	0	%100
74	M133A	Z	0	0	0	%100
75	M136B	X	0	0	0	%100
76	M136B	Z	0	0	0	%100
77	M140A	X	0	0	0	%100
78	M140A	Z	0	0	0	%100
79	M142A	X	0	0	0	%100
80	M142A	Z	0	0	0	%100
81	M144A	Χ	21.888	21.888	0	%100
82	M144A	Z	-12.637	-12.637	0	%100
83	M145B	Χ	18.257	18.257	0	%100
84	M145B	Z	-10.541	-10.541	0	%100
85	M148A	Χ	9.773	9.773	0	%100
86	M148A	Z	-5.643	-5.643	0	%100
87	M152	Χ	9.773	9.773	0	%100
88	M152	Z	-5.643	-5.643	0	%100
89	M154	X	9.773	9.773	0	%100
90	M154	Ζ	-5.643	-5.643	0	%100
91	M152A	X	9.366	9.366	0	%100
92	M152A	Z	-5.407	-5.407	0	%100
93	M153A	X	9.366	9.366	0	%100
94	M153A	Ž	-5.407	-5.407	0	%100
95	M156	X	3.571	3.571	0	%100
96	M156	Z	-2.061	-2.061	0	%100 %100
97	M160	X	0	0	0	%100
98	M160	Z	0	0	0	%100 %100
99	M161	X	0	0	0	%100 %100
100	M161	Z	0	0	0	%100 %100
101	M164	X	14.282	14.282	0	%100 %100
101	M164	Z	-8.246	-8.246	0	%100 %100
102	IVI 104		-0.240	-0.240	U	/0 100

	Member Label	Direction		End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
103	M169	X	9.892	9.892	0	%100
104	M169	Z	-5.711	-5.711	0	%100
105	M170	X	9.892	9.892	0	%100
106	M170	Z	-5.711	-5.711	0	%100
107	M173	X	3.571	3.571	0	%100
108	M173	Z	-2.061	-2.061	0	%100
109	M173A	X	8.144	8.144	0	%100
110	M173A	Z	-4.702	-4.702	0	%100
111	M174	X	9.819	9.819	0	%100
112	M174	Z	-5.669	-5.669	0	%100
113	M175	X	10.859	10.859	0	%100
114	M175	Z	-6.27	-6.27	0	%100
115	M176	X	9.819	9.819	0	%100
116	M176	Z	-5.669	-5.669	0	%100
117	M177	X	8.144	8.144	0	%100
118	M177	Z	-4.702	-4.702	0	%100
119	M178	X	9.819	9.819	0	%100
120	M178	Z	-5.669	-5.669	0	%100
121	M179	X	10.859	10.859	0	%100
122	M179	Z	-6.27	-6.27	0	%100
123	M180	X	5.953	5.953	0	%100
124	M180	Z	-3.437	-3.437	0	%100
125	M181	X	9.819	9.819	0	%100
126	M181	Z	-5.669	-5.669	0	%100
127	M182	X	5.577	5.577	0	%100
128	M182	Z	-3.22	-3.22	0	%100
129	M183	X	9.819	9.819	0	%100
130	M183	Z	-5.669	-5.669	0	%100
131	M184	X	6.27	6.27	0	%100
132	M184	Z	-3.62	-3.62	0	%100
133	M185	X	9.819	9.819	0	%100
134	M185	Z	-5.669	-5.669	0	%100
135	M186	X	5.504	5.504	0	%100
136	M186	Z	-3.178	-3.178	0	%100
137	MP2A	X	7.737	7.737	0	%100
138	MP2A	Z	-4.467	-4.467	0	%100
139	MP3A	X	7.737	7.737	0	%100
140	MP3A	Z	-4.467	-4.467	0	%100
141	MP4A	X	7.737	7.737	0	%100
142	MP4A	Z	-4.467	-4.467	0	%100
143	MP1C	X	7.737	7.737	0	%100 %400
144	MP1C	Z	-4.467	-4.467	0	%100 %400
145	MP2C	X Z	7.737	7.737	0	%100 %400
146	MP2C		-4.467 7.727	-4.467	0	%100 %100
147	MP3C	X Z	7.737	7.737	0	%100 %100
148	MP3C		-4.467 7.727	-4.467	0	%100 %100
149	MP4C	X	7.737	7.737	0	%100 %100
150	MP4C	Z	-4.467 7.727	-4.467 7.727	0	%100 %100
151	MP1B	X Z	7.737	7.737	0	%100 %100
152	MP1B		-4.467 7.737	-4.467 7.737		%100 %100
153	MP2B MP2B	X			0	%100 %100
154		Z	-4.467 7.727	-4.467 7.727	0	%100 %100
155	MP3B	X Z	7.737	7.737	0	%100 %100
156	MP3B	X	-4.467 7.737	-4.467 7.737		%100 %100
157	MP4B MP4B	Z	-4.467		0	%100 %100
158				-4.467		
159	M148B	X	6.327	6.327	0	%100

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160	Member Label M148B	Direction Z	-3.653	End Magnitude[lb/ft,F	. Start Location[π,%]	End Location[ft,%] %100
161	M153B	X	1.266	1.266	0	%100 %100
162						%100 %100
	M153B	<u>Z</u>	731	731	0	
163 164	M154B	X 	1.266	1.266	0	%100 %100
165	M154B M159A	X	731 1.266	731 1.266		
166		^	731	731	0	%100 %100
167	M159A M160A	X				%100 %100
168	M160A	Z	1.266 731	1.266 731	0	%100 %100
169	M162A	X	6.327	6.327	0	%100 %100
170	M162A	Z	-3.653	-3.653	0	%100 %100
171	M167A	X	.091	.091	0	%100 %100
172	M167A	Z	052	052	0	%100 %100
173	M168A	X	.091	.091	0	%100 %100
174	M168A	^	052	052	0	%100 %100
175	M173B	X	.091	.091	0	%100 %100
176	M173B	Z	052	052	0	%100 %100
177	M174A	X	.091	.091	0	%100 %100
178	M174A	Z	052	052	0	%100 %100
179	M176A	X	6.327	6.327	0	%100 %100
180	M176A	Z	-3.653	-3.653	0	%100 %100
181	M181A	X	.679	.679	0	%100 %100
182	M181A	Z	392	392	0	%100 %100
183	M182A	X	.679	.679	0	%100 %100
184	M182A	Z	392	392	0	%100 %100
185	M187B	X	.679	.679	0	%100 %100
186	M187B	Z	392	392	0	%100 %100
187	M188	X	.679	.679	0	%100 %100
188	M188	Z	392	392	0	%100 %100
189	M187C	X	5.965	5.965	0	%100 %100
190	M187C	Z	-3.444	-3.444	0	%100 %100
191	M190	X	5.965	5.965	0	%100
192	M190	Z	-3.444	-3.444	0	%100 %100
193	M193	X	5.965	5.965	0	%100
194	M193	Z	-3.444	-3.444	0	%100 %100
195	M198	X	7.737	7.737	0	%100
196	M198	Z	-4.467	-4.467	0	%100 %100
197	M201	X	7.737	7.737	0	%100
198	M201	Ž	-4.467	-4.467	0	%100
199	M204	X	7.737	7.737	0	%100
200	M204	Ž	-4.467	-4.467	0	%100
201	M209	X	2.342	2.342	0	%100
202	M209	Ž	-1.352	-1.352	0	%100
203	M214	X	9.366	9.366	0	%100
204	M214	Z	-5.407	-5.407	0	%100
205	M219	Х	2.342	2.342	0	%100
206	M219	Z	-1.352	-1.352	0	%100
207	M226	X	3.36	3.36	0	%100
208	M226	Z	-1.94	-1.94	0	%100
209	M227	Х	13.441	13.441	0	%100
210	M227	Ζ	-7.76	-7.76	0	%100
211	M228	X	3.36	3.36	0	%100
212	M228	Z	-1.94	-1.94	0	%100
213	M231	X	.305	.305	0	%100
214	M231	Z	176	176	0	%100
215	M233	Χ	1.222	1.222	0	%100
216	M233	Z	705	705	0	%100



	Member Label	Direction	Start Magnitude[lb/ft,	.End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
217	M237	Χ	.305	.305	0	%100
218	M237	Z	176	176	0	%100
219	M242	Χ	9.631	9.631	0	%100
220	M242	Z	-5.56	-5.56	0	%100
221	M243	X	9.955	9.955	0	%100
222	M243	Z	-5.747	-5.747	0	%100
223	M244	Χ	10.565	10.565	0	%100
224	M244	Ζ	-6.1	-6.1	0	%100
225	M251A	Χ	10.565	10.565	0	%100
226	M251A	Z	-6.1	-6.1	0	%100
227	M253	Χ	10.565	10.565	0	%100
228	M253	Z	-6.1	-6.1	0	%100
229	M256	Χ	13.556	13.556	0	%100
230	M256	Z	-7.827	-7.827	0	%100
231	M257	Χ	10.805	10.805	0	%100
232	M257	Z	-6.238	-6.238	0	%100
233	M258	Χ	13.556	13.556	0	%100
234	M258	Ζ	-7.827	-7.827	0	%100
235	M259	Χ	5.946	5.946	0	%100
236	M259	Z	-3.433	-3.433	0	%100
237	M260	Χ	7.241	7.241	0	%100
238	M260	Z	-4.181	-4.181	0	%100
239	M261	Χ	10.565	10.565	0	%100
240	M261	Z	-6.1	-6.1	0	%100
241	M262	Χ	9.631	9.631	0	%100
242	M262	Z	-5.56	-5.56	0	%100
243	M263	Χ	9.955	9.955	0	%100
244	M263	Z	-5.747	-5.747	0	%100
245	M264	Х	10.565	10.565	0	%100
246	M264	Z	-6.1	-6.1	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,	.End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
1	M1	X	33.699	33.699	0	%100
2	M1	Z	0	0	0	%100
3	M2	Χ	28.108	28.108	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	12.2	12.2	0	%100
6	M3	Z	0	0	0	%100
7	M6	X	15.047	15.047	0	%100
8	M6	Z	0	0	0	%100
9	M27	Χ	0	0	0	%100
10	M27	Z	0	0	0	%100
11	M33	Χ	0	0	0	%100
12	M33	Z	0	0	0	%100
13	M34	Χ	0	0	0	%100
14	M34	Z	0	0	0	%100
15	M35	Χ	0	0	0	%100
16	M35	Z	0	0	0	%100
17	MP1A	X	8.934	8.934	0	%100
18	MP1A	Z	0	0	0	%100
19	M147	X	15.23	15.23	0	%100
20	M147	Z	0	0	0	%100
21	M148	Χ	15.23	15.23	0	%100
22	M148	Z	0	0	0	%100
23	M103A	X	6.03	6.03	0	%100

	Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
24	M103A	Z	0	0	0	%100
25	M104A	X	11.337	11.337	0	%100
26	M104A	Z	0	0	0	%100
27	M101A	X	4.407	4.407	0	%100
28	M101A	Z	0	0	0	%100
29	M101B	X	11.337	11.337	0	%100
30	M101B	Z	0	0	0	%100
31	M102A	X	6.519	6.519	0	%100
32	M102A	Z	0	0	0	%100
33	M103B	X	11.337	11.337	0	%100
34	M103B	Z	0	0	0	%100
35	M104B	X	4.294	4.294	0	%100
36	M104B	Z	0	0	0	%100
37	M110B	X	10.815	10.815	0	%100
38	M110B	Z	0	0	0	%100
39	M109B	X	0	0	0	%100
40	M109B	Z	0	0	0	%100
41	M110C	Χ	0	0	0	%100
42	M110C	Z	0	0	0	%100
43	M108A	X	11.285	11.285	0	%100
44	M108A	Z	0	0	0	%100
45	M109A	X	11.285	11.285	0	%100
46	M109A	Z	0	0	0	%100
47	M112A	X	11.285	11.285	0	%100
48	M112A	Z	0	0	0	%100
49	M113A	X	11.285	11.285	0	%100
50	M113A	Z	0	0	0	%100
51	M116A	X	28.213	28.213	0	%100
52	M116A	Z	0	0	0	%100
53	M117B	X	28.213	28.213	0	%100
54	M117B	Z	0	0	0	%100
55	M118A	X	15.047	15.047	0	%100
56	M118A	Z	0	0	0	%100
57	M118C	X	15.047	15.047	0	%100
58	M118C	Z	0	0	0	%100
59	M122A	X	28.213	28.213	0	%100
60	M122A	Z	0	0	0	%100
61	M123A	X	11.285	11.285	0	%100
62	M123A	Z	0	0	0	%100
63	M124A	X	11.285	11.285	0	%100
64	M124A	Z	0	0	0	%100
65	M127A	X	28.213	28.213	0	%100
66	M127A	Z	0	0	0	%100
67	M128A	X	11.285	11.285	0	%100
68	M128A	Z	0	0	0	%100
69	M129A	X	11.285	11.285	0	%100
70	M129A	Z	0	0	0	%100
71	M132A	X	8.425	8.425	0	%100
72	M132A	Z	0	0	0	%100
73	M133A	X	7.027	7.027	0	%100
74	M133A	Z	0	0	0	%100
75	M136B	X	3.762	3.762	0	%100
76	M136B	Z	0	0	0	%100
77	M140A	X	3.762	3.762	0	%100
78	M140A	Z	0	0	0	%100
79	M142A	X	3.762	3.762	0	%100
80	M142A	Z	0	0	0	%100

	Member Label	Direction		End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
81	M144A	X	8.425	8.425	0	%100 ·
82	M144A	Z	0	0	0	%100
83	M145B	X	7.027	7.027	0	%100
84	M145B	Z	0	0	0	%100
85	M148A	X	3.762	3.762	0	%100
86	M148A	Z	0	0	0	%100
87	M152	X	3.762	3.762	0	%100
88	M152	Z	0	0	0	%100
89	M154	X	3.762	3.762	0	%100
90	M154	Z	0	0	0	%100
91	M152A	X	10.815	10.815	0	%100
92	M152A	Z	0	0	0	%100
93	M153A	X	10.815	10.815	0	%100
94	M153A	Z	0	0	0	%100
95	M156	X	0	0	0	%100
96	M156	Z	0	0	0	%100
97	M160	X	3.807	3.807	0	%100
98	M160	Z	0	0	0	%100
99	M161	X	3.807	3.807	0	%100
100	M161	Z	0	0	0	%100
101	M164	Х	12.369	12.369	0	%100
102	M164	Z	0	0	0	%100
103	M169	X	3.807	3.807	0	%100
104	M169	Z	0	0	0	%100
105	M170	Х	3.807	3.807	0	%100
106	M170	Z	0	0	0	%100
107	M173	X	12.369	12.369	0	%100
108	M173	Z	0	0	0	%100
109	M173A	X	8.561	8.561	0	%100
110	M173A	Z	0	0	0	%100
111	M174	X	11.337	11.337	0	%100
112	M174	Z	0	0	0	%100
113	M175	X	10.506	10.506	0	%100
114	M175	Z	0	0	0	%100
115	M176	X	11.337	11.337	0	%100
116	M176	Z	0	0	0	%100
117	M177	X	8.683	8.683	0	%100
118	M177	Z	0	0	0	%100
119	M178	X	11.337	11.337	0	%100
120	M178	Z	0	0	0	%100
121	M179	X	10.478	10.478	0	%100
122	M179	Z	0	0	0	%100 %100
123	M180	X	8.561	8.561	0	%100
124	M180	Z	0.001	0.001	0	%100
125	M181	X	11.337	11.337	0	%100
126	M181	Z	0	0	0	%100 %100
127	M182	X	10.506	10.506	0	%100
128	M182	Z	0	0	0	%100
129	M183	X	11.337	11.337	0	%100
130	M183	Z	0	0	0	%100 %100
131	M184	X	8.683	8.683	0	%100 %100
132	M184	Z	0.000	0.003	0	%100 %100
133	M185	X	11.337	11.337	0	%100 %100
134	M185	Z	0	0	0	%100 %100
135	M186	X	10.478	10.478	0	%100 %100
136	M186	Z	0	0	0	%100 %100
137	MP2A	X	8.934	8.934	0	%100 %100
101	1VII 4/1		0.004	0.004	· · · · · · · · · · · · · · · · · · ·	/0100



	oci Distributca Lot					E 11 (' Ff(0/ 1
138	Member Label MP2A	Direction		End Magnitude[lb/ft,F	_	End Location[ft,%]
139	MP3A	<u>Z</u> X	8.934	8.934	0	%100 %100
140	MP3A	<u>Z</u>	0 024	0 8.934	0	%100 %100
141	MP4A MP4A	X 	8.934 0	0.934	0	%100 %100
143	MP1C	X	8.934	8.934	0	
143	MP1C MP1C	^		0.934	0	%100 %100
144		X	0 8.934	8.934		%100 %100
146	MP2C MP2C	Z Z	0.934	0.934	0	%100 %100
147	MP3C	X	8.934	8.934	0	%100 %100
148	MP3C	Z	0.934	0.934	0	%100 %100
149	MP4C	X	8.934	8.934	0	%100 %100
150	MP4C	Z	0.934	0.934	0	%100 %100
151	MP1B	X	8.934	8.934	0	%100 %100
152	MP1B		0.934	0.934	0	%100 %100
153	MP2B	X	8.934	8.934	0	%100 %100
154	MP2B	Z	0.954	0.934	0	%100 %100
155	MP3B	X	8.934	8.934	0	%100 %100
156	MP3B	Z	0.934	0.934	0	%100 %100
157	MP4B	X	8.934	8.934	0	%100 %100
158	MP4B	Z	0.354	0.554	0	%100 %100
159	M148B	X	7.306	7.306	0	%100 %100
160	M148B	Z	0	0	0	%100 %100
161	M153B	X	1.462	1.462	0	%100 %100
162	M153B	Z	0	0	0	%100 %100
163	M154B	X	1.462	1.462	0	%100
164	M154B	Ž	0	0	0	%100
165	M159A	X	1.462	1.462	0	%100
166	M159A	Ž	0	0	0	%100
167	M160A	X	1.462	1.462	0	%100
168	M160A	Z	0	0	0	%100
169	M162A	Х	7.306	7.306	0	%100
170	M162A	Z	0	0	0	%100
171	M167A	X	.784	.784	0	%100
172	M167A	Z	0	0	0	%100
173	M168A	Χ	.784	.784	0	%100
174	M168A	Z	0	0	0	%100
175	M173B	Χ	.784	.784	0	%100
176	M173B	Z	0	0	0	%100
177	M174A	Χ	.784	.784	0	%100
178	M174A	Z	0	0	0	%100
179	M176A	Χ	7.306	7.306	0	%100
180	M176A	Z	0	0	0	%100
181	M181A	Χ	.105	.105	0	%100
182	M181A	Z	0	0	0	%100
183	M182A	Χ	.105	.105	0	%100
184	M182A	Z	0	0	0	%100
185	M187B	X	.105	.105	0	%100
186	M187B	Z	0	0	0	%100
187	M188	X	.105	.105	0	%100
188	M188	Z	0	0	0	%100
189	M187C	X	6.888	6.888	0	%100
190	M187C	Z	0	0	0	%100
191	M190	<u>X</u>	6.888	6.888	0	%100
192	M190	Z	0	0	0	%100
193	M193	<u>X</u>	6.888	6.888	0	%100
194	M193	Z	0	0	0	%100

	Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
195	M198	X	8.934	8.934	0	%100
196	M198	Z	0	0	0	%100
197	M201	Χ	8.934	8.934	0	%100
198	M201	Z	0	0	0	%100
199	M204	X	8.934	8.934	0	%100
200	M204	Z	0	0	0	%100
201	M209	X	0	0	0	%100
202	M209	Z	0	0	0	%100 %100
203	M214	X	8.111	8.111	0	%100
204	M214	Z	0	0	0	%100 %100
205	M219	X	8.111	8.111	0	%100 %100
206	M219	7	0.111	0.111	0	%100 %100
207	M226	X	0	0	0	%100 %100
208	M226	Z	0	0	0	%100 %100
209	M227	X	11.64	11.64	0	%100 %100
210	M227	Z	0	0	0	%100 %100
211	M228	X	11.64	11.64	0	%100 %400
212	M228	Z	0	0	0	%100 %400
213	M231	X	0	0	0	%100
214	M231	Z	0	0	0	%100
215	M233	X	1.058	1.058	0	%100
216	M233	Z	0	0	0	%100
217	M237	X	1.058	1.058	0	%100
218	M237	Z	0	0	0	%100
219	M242	X	12.539	12.539	0	%100
220	M242	Z	0	0	0	%100
221	M243	X	12.539	12.539	0	%100
222	M243	Z	0	0	0	%100
223	M244	X	12.2	12.2	0	%100
224	M244	Z	0	0	0	%100
225	M251A	X	12.2	12.2	0	%100
226	M251A	Z	0	0	0	%100
227	M253	X	12.2	12.2	0	%100
228	M253	Z	0	0	0	%100
229	M256	Χ	16.712	16.712	0	%100
230	M256	Z	0	0	0	%100
231	M257	X	13.535	13.535	0	%100
232	M257	Z	0	0	0	%100
233	M258	X	13.535	13.535	0	%100
234	M258	Z	0	0	0	%100 %100
235	M259	X	8.284	8.284	0	%100 %100
236	M259	7	0.204	0.204	0	%100 %100
237	M260	X	9.406	9.406	0	%100 %100
238	M260	Z	9.400	9.400	0	%100 %100
239	M261	X	12.2	12.2	0	%100 %100
240	M261	Z	0	0	0	%100 %100
241	M262	X	8.284	8.284	0	%100 %100
241	M262	Z	0	0.284	0	%100 %100
			<u> </u>	9.406		%100 %100
243	M263	X	9.406		0	
244	M263	Z	0	0	0	%100 %400
245	M264	X Z	12.2	12.2	0	%100 %400
246	M264	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
1	M1	X	21.888	21.888	0	%100

	oci Distributcu Lot		O			
2	Member Label	Direction Z		End Magnitude[lb/ft,F	_	End Location[ft,%]
3	M1 M2	X	12.637 18.257	12.637 18.257	0	%100 %100
4	M2	Z	10.541	10.541	0	%100 %100
5	M3	X	10.565	10.565	0	%100 %100
6	M3	Z	6.1	6.1	0	%100 %100
7	M6	X	9.773	9.773	0	%100 %100
8	M6	Z	5.643	5.643	0	%100 %100
9	M27	X	3.258	3.258	0	%100 %100
10	M27	Z	1.881	1.881	0	%100 %100
11	M33	X	3.258	3.258	0	%100 %100
12	M33	Z	1.881	1.881	0	%100 %100
13	M34	X	8.144	8.144	0	%100 %100
14	M34	Z	4.702	4.702	0	%100 %100
15	M35	X	8.144	8.144	0	%100 %100
16	M35	Z	4.702	4.702	0	%100 %100
17	MP1A	X	7.737	7.737	0	%100
18	MP1A	Z	4.467	4.467	0	%100
19	M147	X	9.892	9.892	0	%100
20	M147	Ž	5.711	5.711	0	%100
21	M148	X	9.892	9.892	0	%100
22	M148	Z	5.711	5.711	0	%100
23	M103A	X	5.953	5.953	0	%100
24	M103A	Z	3.437	3.437	0	%100
25	M104A	X	9.819	9.819	0	%100
26	M104A	Z	5.669	5.669	0	%100
27	M101A	X	5.577	5.577	0	%100
28	M101A	Z	3.22	3.22	0	%100
29	M101B	X	9.819	9.819	0	%100
30	M101B	Z	5.669	5.669	0	%100
31	M102A	X	6.27	6.27	0	%100
32	M102A	Z	3.62	3.62	0	%100
33	M103B	X	9.819	9.819	0	%100
34	M103B	Z	5.669	5.669	0	%100
35	M104B	X	5.504	5.504	0	%100
36	M104B	Z	3.178	3.178	0	%100
37	M110B	X	9.366	9.366	0	%100
38	M110B	Z	5.407	5.407	0	%100
39	M109B	X	3.258	3.258	0	%100
40	M109B	Z	1.881	1.881	0	%100
41	M110C	X	3.258	3.258	0	%100
42	M110C	Z	1.881	1.881	0	%100 %400
43	M108A	X	3.258	3.258	0	%100
44	M108A	Z	1.881	1.881	0	%100 %400
45	M109A	X Z	3.258	3.258	0	%100 %400
46	M109A		1.881	1.881	0	%100 %100
47	M112A	X Z	13.031	13.031	0	%100 %100
48	M112A		7.523	7.523	0	%100 %400
49	M113A	X	13.031	13.031	0	%100 %100
50 51	M113A M116A	Z X	7.523 8.144	7. <u>523</u> 8.144	0	%100 %100
52	M116A M116A	Z	4.702	4.702	0	%100 %100
53	M117B	X	32.578	32.578	0	%100 %100
54	M117B M117B	Z	18.809	18.809	0	%100 %100
55	M118A		9.773	9.773	0	%100 %100
56	M118A	X Z	5.643	5.643	0	%100 %100
57	M118C	X	9.773	9.773	0	%100 %100
58	M118C	Z	5.643	5.643	0	%100 %100
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	Member Label	Direction		.End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
59	M122A	X	8.144	8.144	0	%100
60	M122A	Z	4.702	4.702	0	%100
61	M123A	X	3.258	3.258	0	%100
62	M123A	Z	1.881	1.881	0	%100
63	M124A	X	3.258	3.258	0	%100
64	M124A	Z	1.881	1.881	0	%100
65	M127A	X	32.578	32.578	0	%100
66	M127A	Z	18.809	18.809	0	%100
67	M128A	X	13.031	13.031	0	%100
68	M128A	Z	7.523	7.523	0	%100
69	M129A	X	13.031	13.031	0	%100
70	M129A	Z	7.523	7.523	0	%100
71	M132A	X	21.888	21.888	0	%100
72	M132A	Z	12.637	12.637	0	%100
73	M133A	X	18.257	18.257	0	%100
74	M133A	Z	10.541	10.541	0	%100
75	M136B	X	9.773	9.773	0	%100
76	M136B	Z	5.643	5.643	0	%100
77	M140A	X	9.773	9.773	0	%100
78	M140A	Z	5.643	5.643	0	%100
79	M142A	X	9.773	9.773	0	%100
80	M142A	Z	5.643	5.643	0	%100
81	M144A	X	0	0	0	%100
82	M144A	Z	0	0	0	%100
83	M145B	X	0	0	0	%100
84	M145B	Z	0	0	0	%100
85	M148A	X	0	0	0	%100
86	M148A	Z	0	0	0	%100
87	M152	X	0	0	0	%100
88	M152	Z	0	0	0	%100
89	M154	X	0	0	0	%100
90	M154	Z	0	0	0	%100
91	M152A	X	9.366	9.366	0	%100
92	M152A	Z	5.407	5.407	0	%100
93	M153A	X	9.366	9.366	0	%100
94	M153A	Z	5.407	5.407	0	%100
95	M156	X	3.571	3.571	0	%100
96	M156	Z	2.061	2.061	0	%100
97	M160	X	9.892	9.892	0	%100
98	M160	Z	5.711	5.711	0	%100
99	M161	X	9.892	9.892	0	%100
100	M161	Z	5.711	5.711	0	%100
101	M164	X	3.571	3.571	0	%100
102	M164	Z	2.061	2.061	0	%100
103	M169	X	0	0	0	%100
104	M169	Z	0	0	0	%100
105	M170	X	0	0	0	%100
106	M170	Z	0	0	0	%100
107	M173	X	14.282	14.282	0	%100
108	M173	Z	8.246	8.246	0	%100
109	M173A	X	5.953	5.953	0	%100
110	M173A	Z	3.437	3.437	0	%100
111	M174	X	9.819	9.819	0	%100
112	M174	Z	5.669	5.669	0	%100
113	M175	X	5.577	5.577	0	%100
114	M175	Z	3.22	3.22	0	%100
115	M176	X	9.819	9.819	0	%100



	Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
116	M176	Z	5.669	5.669	0	%100
117	M177	X	6.27	6.27	0	%100
118	M177	Z	3.62	3.62	0	%100
119	M178	X	9.819	9.819	0	%100
120	M178	Z	5.669	5.669	0	%100
121	M179	X	5.504	5.504	0	%100
122	M179	Z	3.178	3.178	0	%100
123	M180	X	8.144	8.144	0	%100
124	M180	Z	4.702	4.702	0	%100
125	M181	X	9.819	9.819	0	%100
126	M181	Z	5.669	5.669	0	%100
127	M182	X	10.859	10.859	0	%100
128	M182	Z	6.27	6.27	0	%100
129	M183	X	9.819	9.819	0	%100
130	M183	Z	5.669	5.669	0	%100
131	M184	X	8.144	8.144	0	%100
132	M184	Z	4.702	4.702	0	%100
133	M185	X	9.819	9.819	0	%100
134	M185	Z	5.669	5.669	0	%100
135	M186	X	10.859	10.859	0	%100
136	M186	Z	6.27	6.27	0	%100
137	MP2A	X	7.737	7.737	0	%100
138	MP2A	Z	4.467	4.467	0	%100
139	MP3A	X	7.737	7.737	0	%100
140	MP3A	Z	4.467	4.467	0	%100
141	MP4A	X	7.737	7.737	0	%100
142	MP4A	Z	4.467	4.467	0	%100
143	MP1C	X	7.737	7.737	0	%100
144	MP1C	Z	4.467	4.467	0	%100
145	MP2C	X	7.737	7.737	0	%100
146	MP2C	Z	4.467	4.467	0	%100
147	MP3C	X	7.737	7.737	0	%100
148	MP3C	Z	4.467	4.467	0	%100
149	MP4C	X	7.737	7.737	0	%100
150	MP4C	Z	4.467	4.467	0	%100
151	MP1B	X	7.737	7.737	0	%100
152	MP1B	Z	4.467	4.467	0	%100
153	MP2B	X	7.737	7.737	0	%100
154	MP2B	Z	4.467	4.467	0	%100
155	MP3B	X	7.737	7.737	0	%100
156	MP3B	Z	4.467	4.467	0	%100
157	MP4B	X	7.737	7.737	0	%100
158	MP4B	Z	4.467	4.467	0	%100
159	M148B	X	6.327	6.327	0	%100
160	M148B	Z	3.653	3.653	0	%100
161	M153B	X	.679	.679	0	%100
162	M153B	Z	.392	.392	0	%100
163	M154B	X	.679	.679	0	%100
164	M154B	Z	.392	.392	0	%100
165	M159A	X	.679	.679	0	%100
166	M159A	Z	.392	.392	0	%100
167	M160A	X	.679	.679	0	%100
168	M160A	Z	.392	.392	0	%100
169	M162A	X	6.327	6.327	0	%100
170	M162A	Z	3.653	3.653	0	%100
171	M167A	X	1.266	1.266	0	%100
172	M167A	Z	.731	.731	0	%100

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470	Member Label	Direction	Start Magnitude[lb/ft,			End Location[ft,%]
173	M168A	X	1.266	1.266	0	%100
174	M168A	Z	.731	.731	0	%100
175	M173B	X	1.266	1.266	0	%100
176	M173B	Z	.731	.731	0	%100
177	M174A	X	1.266	1.266	0	%100
178	M174A	Z	.731	.731	0	%100
179	M176A	X	6.327	6.327	0	%100
180	M176A	Z	3.653	3.653	0	%100
181	M181A	X	.091	.091	0	%100
182	M181A	Z	.052	.052	0	%100
183	M182A	X	.091	.091	0	%100
184	M182A	Z	.052	.052	0	%100
185	M187B	X	.091	.091	0	%100
186	M187B	Z	.052	.052	0	%100
187	M188	X	.091	.091	0	%100
188	M188	Z	.052	.052	0	%100
189	M187C	X	5.965	5.965	0	%100
190	M187C	Z	3.444	3.444	0	%100
191	M190	X	5.965	5.965	0	%100
192	M190	Z	3.444	3.444	0	%100
193	M193	X	5.965	5.965	0	%100 %100
194	M193	Z	3.444	3.444	0	%100
195	M198	X	7.737	7.737	0	%100
196	M198	Z	4.467	4.467	0	%100
197	M201	X	7.737	7.737	0	%100
198	M201	Z	4.467	4.467	0	%100
199	M204	X	7.737	7.737	0	%100
200	M204	Z	4.467	4.467	0	%100 %100
201	M209	X	2.342	2.342	0	%100 %100
202	M209	Z	1.352	1.352	0	%100 %100
203	M214	X	2.342	2.342	0	%100 %100
204	M214	Z	1.352	1.352	0	%100 %100
205	M219	X	9.366	9.366	0	%100 %100
206	M219	Z	5.407	5.407	0	%100 %100
207	M226	X	3.36	3.36	0	%100 %100
208	M226	Z	1.94	1.94	0	%100 %100
209	M227	X	3.36	3.36	0	%100 %100
210	M227	Z	1.94	1.94	0	%100 %100
211	M228	X	13.441	13.441	0	%100 %100
212	M228	Z	7.76	7.76	0	%100 %100
213	M231	X	.305	.305	0	%100 %100
214	M231	Z	.305	.305	0	%100 %100
214	M233	X	.305	.305	0	%100 %100
216	M233	Z	.305	.176	0	%100 %100
217	M237	X	1.222	1.222	0	%100 %100
218	M237	Z	.705	.705	0	%100 %100
219	M242	X	9.631	9.631	0	%100 %100
220	M242	Z	5.56	5.56	0	%100 %100
221	M243	X Z	9.955	9.955	0	
222	M243		5.747	5.747		%100 %100
223	M244	X Z	10.565	10.565	0	%100 %100
224	M244		6.1	6.1	0	%100 %400
225	M251A	X	10.565	10.565	0	%100 %100
226	M251A	Z	6.1	6.1	0	%100 %400
227	M253	X	10.565	10.565	0	%100
228	M253	Z	6.1	6.1	0	%100 %400
229	M256	X	13.556	13.556	0	%100



	Member Label	Direction	Start Magnitude[lb/ft,	.End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
230	M256	Ζ	7.827	7.827	0	%100
231	M257	X	13.556	13.556	0	%100
232	M257	Ζ	7.827	7.827	0	%100
233	M258	X	10.805	10.805	0	%100
234	M258	Ζ	6.238	6.238	0	%100
235	M259	X	9.631	9.631	0	%100
236	M259	Ζ	5.56	5.56	0	%100
237	M260	X	9.955	9.955	0	%100
238	M260	Z	5.747	5.747	0	%100
239	M261	X	10.565	10.565	0	%100
240	M261	Ζ	6.1	6.1	0	%100
241	M262	X	5.946	5.946	0	%100
242	M262	Ζ	3.433	3.433	0	%100
243	M263	X	7.241	7.241	0	%100
244	M263	Ζ	4.181	4.181	0	%100
245	M264	X	10.565	10.565	0	%100
246	M264	Z	6.1	6.1	0	%100

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

	Member Label	Direction		End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
1	M1	X	4.212	4.212	0	%100
2	M1	Z	7.296	7.296	0	%100
3	M2	X	3.514	3.514	0	%100
4	M2	Z	6.086	6.086	0	%100
5	M3	X	6.1	6.1	0	%100
6	M3	Z	10.565	10.565	0	%100
7	M6	X	1.881	1.881	0	%100
8	M6	Z	3.258	3.258	0	%100
9	M27	X	5.643	5.643	0	%100
10	M27	Z	9.773	9.773	0	%100
11	M33	Χ	5.643	5.643	0	%100
12	M33	Z	9.773	9.773	0	%100
13	M34	Χ	14.106	14.106	0	%100
14	M34	Z	24.433	24.433	0	%100
15	M35	Χ	14.106	14.106	0	%100
16	M35	Ζ	24.433	24.433	0	%100
17	MP1A	Χ	4.467	4.467	0	%100
18	MP1A	Z	7.737	7.737	0	%100
19	M147	X	1.904	1.904	0	%100
20	M147	Ζ	3.297	3.297	0	%100
21	M148	Χ	1.904	1.904	0	%100
22	M148	Z	3.297	3.297	0	%100
23	M103A	X	4.28	4.28	0	%100
24	M103A	Z	7.414	7.414	0	%100
25	M104A	Χ	5.669	5.669	0	%100
26	M104A	Z	9.819	9.819	0	%100
27	M101A	Х	5.253	5.253	0	%100
28	M101A	Z	9.098	9.098	0	%100
29	M101B	Х	5.669	5.669	0	%100
30	M101B	Z	9.819	9.819	0	%100
31	M102A	X	4.341	4.341	0	%100
32	M102A	Z	7.52	7.52	0	%100
33	M103B	Х	5.669	5.669	0	%100
34	M103B	Z	9.819	9.819	0	%100
35	M104B	X	5.239	5.239	0	%100
36	M104B	Z	9.074	9.074	0	%100

	Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
37	M110B	X	5.407	5.407	0	%100
38	M110B	Z	9.366	9.366	0	%100
39	M109B	X	5.643	5.643	0	%100
40	M109B	Z	9.773	9.773	0	%100
41	M110C	X	5.643	5.643	0	%100
42	M110C	Z	9.773	9.773	0	%100
43	M108A	X	0	0	0	%100
44	M108A	Z	0	0	0	%100
45	M109A	X	0	0	0	%100
46	M109A	Z	0	0	0	%100
47	M112A	X	5.643	5.643	0	%100
48	M112A	Z	9.773	9.773	0	%100
49	M113A	X	5.643	5.643	0	%100
50	M113A	Z	9.773	9.773	0	%100
51	M116A	X	0	0	0	%100
52	M116A	Z	0	0	0	%100
53	M117B	X	14.106	14.106	0	%100
54	M117B	Z	24.433	24.433	0	%100
55	M118A	X	1.881	1.881	0	%100
56	M118A	Z	3.258	3.258	0	%100
57	M118C	X	1.881	1.881	0	%100
58	M118C	Z	3.258	3.258	0	%100
59	M122A	X	0	0	0	%100
60	M122A	Z	0	0	0	%100
61	M123A	X	0	0	0	%100
62	M123A	Z	0	0	0	%100
63	M124A	X	0	0	0	%100
64	M124A	Z	0	0	0	%100
65	M127A	X	14.106	14.106	0	%100
66	M127A	Z	24.433	24.433	0	%100
67	M128A	X	5.643	5.643	0	%100
68	M128A	Z	9.773	9.773	0	%100
69	M129A	X	5.643	5.643	0	%100
70	M129A	Z	9.773	9.773	0	%100
71	M132A	X	16.849	16.849	0	%100
72	M132A	Z	29.184	29.184	0	%100
73	M133A	X	14.054	14.054	0	%100
74	M133A	Z	24.343	24.343	0	%100
75	M136B	X	7.523	7.523	0	%100
76	M136B	Z	13.031	13.031	0	%100
77	M140A	X	7.523	7.523	0	%100
78	M140A	Z	13.031	13.031	0	%100
79	M142A	X	7.523	7.523	0	%100
80	M142A	Z	13.031	13.031	0	%100
81	M144A	X	4.212	4.212	0	%100
82	M144A	Z	7.296	7.296	0	%100
83	M145B	X	3.514	3.514	0	%100
84	M145B	Z	6.086	6.086	0	%100
85	M148A	X	1.881	1.881	0	%100
86	M148A	Z	3.258	3.258	0	%100
87	M152	X	1.881	1.881	0	%100
88	M152	Z	3.258	3.258	0	%100
89	M154	X	1.881	1.881	0	%100
90	M154	Z	3.258	3.258	0	%100
91	M152A	X	5.407	5.407	0	%100
92	M152A	Z	9.366	9.366	0	%100
93	M153A	X	5.407	5.407	0	%100

	Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
94	M153A	Z	9.366	9.366	0	%100
95	M156	X	6.184	6.184	0	%100
96	M156	Z	10.712	10.712	0	%100
97	M160	X	7.615	7.615	0	%100
98	M160	Z	13.189	13.189	0	%100
99	M161	X	7.615	7.615	0	%100
100	M161	Z	13.189	13.189	0	%100
101	M164	X	0	0	0	%100
102	M164	Z	0	0	0	%100
103	M169	X	1.904	1.904	0	%100
104	M169	Z	3.297	3.297	0	%100
105	M170	X	1.904	1.904	0	%100
106	M170	Z	3.297	3.297	0	%100
107	M173	X	6.184	6.184	0	%100
108	M173	Z	10.712	10.712	0	%100
109	M173A	X	3.015	3.015	0	%100
110	M173A	Z	5.222	5.222	0	%100
111	M174	X	5.669	5.669	0	%100
112	M174	Z	9.819	9.819	0	%100
113	M175	X	2.203	2.203	0	%100
114	M175	Z	3.816	3.816	0	%100
115	M176	X	5.669	5.669	0	%100
116	M176	Z	9.819	9.819	0	%100
117	M177	X	3.259	3.259	0	%100
118	M177	Z	5.645	5.645	0	%100
119	M178	X	5.669	5.669	0	%100
120	M178	Z	9.819	9.819	0	%100
121	M179	X	2.147	2.147	0	%100
122	M179	Z	3.719	3.719	0	%100
123	M180	X	4.28	4.28	0	%100
124	M180	Z	7.414	7.414	0	%100
125	M181	X	5.669	5.669	0	%100
126	M181	Z	9.819	9.819	0	%100
127	M182	X	5.253	5.253	0	%100
128	M182	Z	9.098	9.098	0	%100
129	M183	X	5.669	5.669	0	%100
130	M183	Z	9.819	9.819	0	%100
131	M184	X	4.341	4.341	0	%100
132	M184	Z	7.52	7.52	0	%100
133	M185	X	5.669 9.819	5.669	0	%100 %100
134	M185	Z		9.819	0	%100 %100
135	M186	X Z	5.239	5.239	0	%100 %100
136 137	M186 MP2A	X	9.074 4.467	9.074 4.467	0	%100 %100
137	MP2A MP2A	Z	7.737	7.737	0	%100 %100
138	MP3A	X	4.467	4.467	0	%100 %100
140	MP3A	Z	7.737	7.737		%100 %100
141	MP4A	X	4.467	4.467	0	%100 %100
141	MP4A MP4A	Z	7.737	7.737	0	%100 %100
143	MP1C	X	4.467	4.467	0	%100 %100
143	MP1C MP1C	Z	7.737	7.737	0	%100 %100
144	MP2C	X	4.467	4.467	0	%100 %100
146	MP2C MP2C	Z	7.737	7.737	0	%100 %100
146	MP3C	X	4.467	4.467	0	%100 %100
147	MP3C MP3C	Z	7.737	7.737	0	%100 %100
149	MP4C	X	4.467	4.467	0	%100 %100
150	MP4C MP4C	Z	7.737	7.737	0	%100 %100
130	IVIF4U		1.131	1.131	U	70 100

	Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
151	MP1B	X	4.467	4.467	0	%100 ·
152	MP1B	Z	7.737	7.737	0	%100
153	MP2B	X	4.467	4.467	0	%100
154	MP2B	Z	7.737	7.737	0	%100
155	MP3B	X	4.467	4.467	0	%100
156	MP3B	Z	7.737	7.737	0	%100
157	MP4B	X	4.467	4.467	0	%100
158	MP4B	Z	7.737	7.737	0	%100
159	M148B	X	3.653	3.653	0	%100
160	M148B	Z	6.327	6.327	0	%100
161	M153B	X	.052	.052	0	%100
162	M153B	Z	.091	.091	0	%100
163	M154B	X	.052	.052	0	%100
164	M154B	Z	.091	.091	0	%100
165	M159A	X	.052	.052	0	%100
166	M159A	Z	.091	.091	0	%100
167	M160A	X	.052	.052	0	%100
168	M160A	Z	.091	.091	0	%100
169	M162A	X	3.653	3.653	0	%100
170	M162A	Z	6.327	6.327	0	%100
171	M167A	X	.731	.731	0	%100
172	M167A	Z	1.266	1.266	0	%100
173	M168A	X	.731	.731	0	%100
174	M168A	Z	1.266	1.266	0	%100
175	M173B	X	.731	.731	0	%100
176	M173B	Z	1.266	1.266	0	%100
177	M174A	X	.731	.731	0	%100
178	M174A	Z	1.266	1.266	0	%100
179	M176A	X	3.653	3.653	0	%100
180	M176A	Z	6.327	6.327	0	%100
181	M181A	X	.392	.392	0	%100
182	M181A	Z	.679	.679	0	%100
183	M182A	X	.392	.392	0	%100
184	M182A	Z	.679	.679	0	%100
185	M187B	X	.392	.392	0	%100
186	M187B	Z	.679	.679	0	%100
187	M188	X	.392	.392	0	%100
188	M188	Z	.679	.679	0	%100
189	M187C	X	3.444	3.444	0	%100
190	M187C	Z	5.965	5.965	0	%100
191	M190	X	3.444	3.444	0	%100
192	M190	Z	5.965	5.965	0	%100
193	M193	X	3.444	3.444	0	%100
194	M193	Z	5.965	5.965	0	%100
195	M198	X	4.467	4.467	0	%100
196	M198	Z	7.737	7.737	0	%100
197	M201	X	4.467	4.467	0	%100
198	M201	Z	7.737	7.737	0	%100
199	M204	X	4.467	4.467	0	%100
200	M204	Z	7.737	7.737	0	%100
201	M209	X	4.056	4.056	0	%100
202	M209	Z	7.025	7.025	0	%100
203	M214	X	0	0	0	%100
204	M214	Z	0	0	0	%100
205	M219	X	4.056	4.056	0	%100
206	M219	Z	7.025	7.025	0	%100
207	M226	X	5.82	5.82	0	%100



	Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
208	M226	Z	10.081	10.081	0	%100
209	M227	X	0	0	0	%100
210	M227	Z	0	0	0	%100
211	M228	Х	5.82	5.82	0	%100
212	M228	Z	10.081	10.081	0	%100
213	M231	X	.529	.529	0	%100
214	M231	Z	.916	.916	0	%100
215	M233	X	0	0	0	%100
216	M233	Z	0	0	0	%100
217	M237	Х	.529	.529	0	%100
218	M237	Z	.916	.916	0	%100
219	M242	Х	4.142	4.142	0	%100
220	M242	Z	7.174	7.174	0	%100
221	M243	Х	4.703	4.703	0	%100
222	M243	Z	8.145	8.145	0	%100
223	M244	Х	6.1	6.1	0	%100
224	M244	Z	10.565	10.565	0	%100
225	M251A	X	6.1	6.1	0	%100
226	M251A	Z	10.565	10.565	0	%100
227	M253	Х	6.1	6.1	0	%100
228	M253	Z	10.565	10.565	0	%100
229	M256	Х	6.768	6.768	0	%100
230	M256	Z	11.722	11.722	0	%100
231	M257	Х	8.356	8.356	0	%100
232	M257	Z	14.473	14.473	0	%100
233	M258	X	6.768	6.768	0	%100
234	M258	Z	11.722	11.722	0	%100
235	M259	X	6.27	6.27	0	%100
236	M259	Z	10.859	10.859	0	%100
237	M260	Х	6.27	6.27	0	%100
238	M260	Z	10.859	10.859	0	%100
239	M261	X	6.1	6.1	0	%100
240	M261	Z	10.565	10.565	0	%100
241	M262	X	4.142	4.142	0	%100
242	M262	Z	7.174	7.174	0	%100
243	M263	X	4.703	4.703	0	%100
244	M263	Z	8.145	8.145	0	%100
245	M264	X	6.1	6.1	0	%100
246	M264	Z	10.565	10.565	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
1	M1	Χ	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M2	Χ	0	0	0	%100
4	M2	Z	0	0	0	%100
5	M3	Χ	0	0	0	%100
6	M3	Z	12.2	12.2	0	%100
7	M6	Χ	0	0	0	%100
8	M6	Z	0	0	0	%100
9	M27	Χ	0	0	0	%100
10	M27	Z	15.047	15.047	0	%100
11	M33	X	0	0	0	%100
12	M33	Z	15.047	15.047	0	%100
13	M34	X	0	0	0	%100
14	M34	Z	37.617	37.617	0	%100

	Member Label	Direction	Start Magnitude[lb/ft,	.End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
15	M35	X	0	0	0	%100
16	M35	Z	37.617	37.617	0	%100
17	MP1A	X	0	0	0	%100
18	MP1A	Z	8.934	8.934	0	%100
19	M147	X	0	0	0	%100
20	M147	Z	0	0	0	%100
21	M148	X	0	0	0	%100
22	M148	Z	0	0	0	%100
23	M103A	X	0	0	0	%100
24	M103A	Z	9.404	9.404	0	%100
25	M104A	X	0	0	0	%100
26	M104A	Z	11.337	11.337	0	%100
27	M101A	X	0	0	0	%100
28	M101A	Z	12.539	12.539	0	%100
29	M101B	X	0	0	0	%100
30	M101B	Z	11.337	11.337	0	%100
31	M102A	X	0	0	0	%100
32	M102A	Z	9.404	9.404	0	%100
33	M103B	X	0	0	0	%100
34	M103B	Z	11.337	11.337	0	%100
35	M104B	X	0	0	0	%100
36	M104B	Z	12.539	12.539	0	%100
37	M110B	X	0	0	0	%100
38	M110B	Z	10.815	10.815	0	%100
39	M109B	X	0	0	0	%100
40	M109B	Z	15.047	15.047	0	%100
41	M110C	X	0	0	0	%100
42	M110C	Z	15.047	15.047	0	%100
43	M108A	X	0	0	0	%100
44	M108A	Z	3.762	3.762	0	%100
45	M109A	X	0	0	0	%100
46	M109A	Z	3.762	3.762	0	%100
47	M112A	X	0	0	0	%100
48	M112A	Z	3.762	3.762	0	%100
49	M113A	X	0	0	0	%100
50	M113A	Z	3.762	3.762	0	%100
51	M116A	X	0	0	0	%100
52	M116A	Z	9.404	9.404	0	%100
53	M117B	X	0	0	0	%100
54	M117B	Z	9.404	9.404	0	%100
55	M118A	X	0	0	0	%100
56	M118A	Z	0	0	0	%100
57	M118C	X	0	0	0	%100
58	M118C	Z	0	0	0	%100
59	M122A	X	0	0	0	%100
60	M122A	Z	9.404	9.404	0	%100
61	M123A	X	0	0	0	%100
62	M123A	Z	3.762	3.762	0	%100
63	M124A	X	0	0	0	%100
64	M124A	Z	3.762	3.762	0	%100
65	M127A	X	0	0	0	%100
66	M127A	Z	9.404	9.404	0	%100
67	M128A	X	0	0	0	%100
68	M128A	Z	3.762	3.762	0	%100
69	M129A	X	0	0	0	%100
70	M129A	Z	3.762	3.762	0	%100
71	M132A	X	0	0	0	%100



			. Otractare we			
70	Member Label	Direction	1	End Magnitude[lb/ft,F	_	End Location[ft,%]
72	M132A	Z	25.274	25.274	0	%100
73	M133A	X	0	0	0	%100
74	M133A	Z	21.081	21.081	0	%100
75	M136B	X	0	0	0	%100
76	M136B	Z	11.285	11.285	0	%100
77	M140A	X	0	0	0	%100
78	M140A	Z	11.285	11.285	0	%100
79	M142A	X	0	0	0	%100
80	M142A	Z	11.285	11.285	0	%100
81	M144A	X	0	0	0	%100
82	M144A	Z	25.274	25.274	0	%100
83	M145B	Х	0	0	0	%100
84	M145B	Z	21.081	21.081	0	%100
85	M148A	X	0	0	0	%100
86	M148A	Z	11.285	11.285	0	%100
87	M152	X	0	0	0	%100
88	M152	Z	11.285	11.285	0	%100
89	M154	X	0	0	0	%100
90	M154	Z	11.285	11.285	0	%100
91	M152A	X	0	0	0	%100 %100
92	M152A	Z	10.815	10.815	0	%100 %100
93	M153A	X	0	0	0	%100 %100
94	M153A	Z	10.815	10.815	0	%100 %100
95	M156	X	0	0	0	%100 %100
96	M156	Z	16.492	16.492	0	%100 %100
97	M160	X	0	0	0	%100 %100
		Z	11.422	11.422		%100 %100
98	M160				0	
99	M161	X	0	0	0	%100 %400
100	M161	Z	11.422	11.422	0	%100
101	M164	X	0	0	0	%100
102	M164	Z	4.123	4.123	0	%100
103	M169	X	0	0	0	%100
104	M169	Z	11.422	11.422	0	%100
105	M170	X	0	0	0	%100
106	M170	Z	11.422	11.422	0	%100
107	M173	X	0	0	0	%100
108	M173	Z	4.123	4.123	0	%100
109	M173A	X	0	0	0	%100
110	M173A	Z	6.874	6.874	0	%100
111	M174	X	0	0	0	%100
112	M174	Z	11.337	11.337	0	%100
113	M175	X	0	0	0	%100
114	M175	Z	6.44	6.44	0	%100
115	M176	X	0	0	0	%100
116	<u>M176</u>	Z	11.337	11.337	0	%100
117	<u>M177</u>	X	0	0	0	%100
118	M177	Z	7.24	7.24	0	%100
119	M178	X	0	0	0	%100
120	M178	Z	11.337	11.337	0	%100
121	M179	X	0	0	0	%100
122	M179	Z	6.355	6.355	0	%100
123	M180	X	0	0	0	%100
124	M180	Z	6.874	6.874	0	%100
125	M181	X	0	0	0	%100
126	M181	Z	11.337	11.337	0	%100
127	M182	X	0	0	0	%100
128	M182	Z	6.44	6.44	0	%100

	Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
129	M183	X	0	0	0	%100
130	M183	Z	11.337	11.337	0	%100
131	M184	X	0	0	0	%100
132	M184	Z	7.24	7.24	0	%100
133	M185	X	0	0	0	%100
134	M185	Z	11.337	11.337	0	%100
135	M186	X	0	0	0	%100
136	M186	Z	6.355	6.355	0	%100
137	MP2A	X	0	0	0	%100
138	MP2A	Z	8.934	8.934	0	%100
139	MP3A	X	0	0	0	%100
140	MP3A	Z	8.934	8.934	0	%100
141	MP4A	X	0	0	0	%100
142	MP4A	Z	8.934	8.934	0	%100
143	MP1C	X	0	0	0	%100
144	MP1C	Z	8.934	8.934	0	%100
145	MP2C	X	0	0	0	%100
146	MP2C	Z	8.934	8.934	0	%100
147	MP3C	X	0	0	0	%100
148	MP3C	Z	8.934	8.934	0	%100
149	MP4C	X	0	0	0	%100
150	MP4C	Z	8.934	8.934	0	%100
151	MP1B	X	0	0	0	%100
152	MP1B	Z	8.934	8.934	0	%100
153	MP2B	X	0	0	0	%100
154	MP2B	Z	8.934	8.934	0	%100
155	MP3B	X	0	0	0	%100
156	MP3B	Z	8.934	8.934	0	%100
157	MP4B	X	0	0	0	%100
158	MP4B	Z	8.934	8.934	0	%100
159	M148B	X	0	0	0	%100
160	M148B	Z	7.306	7.306	0	%100
161	M153B	X	0	0	0	%100
162	M153B	Z	.105	.105	0	%100
163	M154B	X	0	0	0	%100
164	M154B	Z	.105	.105	0	%100
165	M159A	X	0	0	0	%100
166	M159A	Z	.105	.105	0	%100
167	M160A	X	0	0	0	%100
168	M160A	Z	.105	.105	0	%100
169	M162A	X	0	0	0	%100
170	M162A	Z	7.306	7.306	0	%100 %400
171	M167A	X	704	0	0	%100
172	M167A	Z	.784	.784	0	%100 %400
173	M168A	X	704	0	0	%100
174	M168A	Z	.784	.784	0	%100 %400
175	M173B	X	704	0	0	%100 %400
176	M173B	Z	.784	.784	0	%100 %400
177	M174A	X	0	0	0	%100 %400
178	M174A	Z	.784	.784	0	%100 %400
179	M176A	X	7 206	7 200	0	%100 %400
180	M176A	Z	7.306	7.306	0	%100 %400
181 182	M181A	X Z	1.462	1.462	0	%100 %100
	M181A	X				%100 %100
183 184	M182A	Z	1.462	1.462	0	%100 %100
	M182A					
185	M187B	X	0	0	0	<u>%100</u>

	Member Label	Direction	Start Magnitude[lb/ft,.	End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
186	M187B	Z	1.462	1.462	0	%100
187	M188	X	0	0	0	%100
188	M188	Z	1.462	1.462	0	%100
189	M187C	X	0	0	0	%100
190	M187C	Z	6.888	6.888	0	%100
191	M190	X	0	0	0	%100
192	M190	Z	6.888	6.888	0	%100
193	M193	X	0	0	0	%100
194	M193	Z	6.888	6.888	0	%100
195	M198	X	0	0	0	%100
196	M198	Z	8.934	8.934	0	%100
197	M201	X	0	0	0	%100
198	M201	Z	8.934	8.934	0	%100
199	M204	X	0	0	0	%100
200	M204	Z	8.934	8.934	0	%100
201	M209	X	0	0	0	%100
202	M209	Z	10.815	10.815	0	%100
203	M214	X	0	0	0	%100
204	M214	Z	2.704	2.704	0	%100
205	M219	X	0	0	0	%100
206	M219	Z	2.704	2.704	0	%100
207	M226	X	0	0	0	%100
208	M226	Z	15.52	15.52	0	%100
209	M227	X	0	0	0	%100
210	M227	Z	3.88	3.88	0	%100
211	M228	X	0	0	0	%100
212	M228	Z	3.88	3.88	0	%100
213	M231	X	0	0	0	%100
214	M231	Z	1.411	1.411	0	%100
215	M233	X	0	0	0	%100
216	M233	Z	.353	.353	0	%100
217	M237	X	0	0	0	%100
218	M237	Z	.353	.353	0	%100
219	M242	X	0	0	0	%100
220	M242	Z	6.865	6.865	0	%100
221	M243	X	0	0	0	%100
222	M243	Z	8.361	8.361	0	%100
223	M244	X	0	0	0	%100
224	M244	Z	12.2	12.2	0	%100
225	M251A	X	0	0	0	%100
226	M251A	Z	12.2	12.2	0	%100
227	M253	X	0	0	0	%100
228	M253	Z	12.2	12.2	0	%100
229	M256	X	0	0	0	%100
230	M256	Z	12.476	12.476	0	%100
231	M257	X	0	0	0	%100
232	M257	Z	15.653	15.653	0	%100
233	M258	X	0	0	0	%100
234	M258	Z	15.653	15.653	0	%100
235	M259	X	0	0	0	%100
236	M259	Z	11.121	11.121	0	%100
237	M260	X	0	0	0	%100
238	M260	Z	11.495	11.495	0	%100
239	M261	X	0	0	0	%100
240	M261	Z	12.2	12.2	0	%100
241	M262	X	0	0	0	%100
242	M262	Z	11.121	11.121	0	%100



	Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
243	M263	X	0	0	0	%100
244	M263	Z	11.495	11.495	0	%100
245	M264	Χ	0	0	0	%100
246	M264	Z	12.2	12.2	0	%100

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

	Member Label	Direction		.End Magnitude[lb/ft,F		End Location[ft,%]
1	<u>M1</u>	X	-4.212	-4.212	0	%100
2	M1	Z	7.296	7.296	0	%100
3	M2	X	-3.514	-3.514	0	%100
4	M2	Z	6.086	6.086	0	%100
5	M3	X	-6.1	-6.1	0	%100
6	M3	Z	10.565	10.565	0	%100
7	M6	X	-1.881	-1.881	0	%100
8	M6	Z	3.258	3.258	0	%100
9	M27	X	-5.643	-5.643	0	%100
10	M27	Z	9.773	9.773	0	%100
11	M33	Х	-5.643	-5.643	0	%100
12	M33	Z	9.773	9.773	0	%100
13	M34	X	-14.106	-14.106	0	%100
14	M34	Z	24.433	24.433	0	%100
15	M35	X	-14.106	-14.106	0	%100
16	M35	Z	24.433	24.433	0	%100
17	MP1A	X	-4.467	-4.467	0	%100
18	MP1A	Z	7.737	7.737	0	%100
19	M147	X	-1.904	-1.904	0	%100
20	M147	Z	3.297	3.297	0	%100
21	M148	X	-1.904	-1.904	0	%100 %100
22	M148	Z	3.297	3.297	0	%100 %100
23	M103A	X	-4.28	-4.28	0	%100
24	M103A	Z	7.414	7.414	0	%100 %100
25	M104A	X	-5.669	-5.669	0	%100 %100
26	M104A	Z	9.819	9.819	0	%100 %100
27	M101A	X	-5.253	-5.253	0	%100 %100
28	M101A	Z	9.098	9.098	0	%100 %100
29	M101B	X	-5.669	-5.669	0	%100 %100
30	M101B	Z	9.819	9.819	0	%100 %100
31	M101B	X	-4.341	-4.341	0	%100 %100
32	M102A	Z	7.52	7.52	0	%100 %100
33	M103B	X	-5.669	-5.669	0	%100 %100
34	M103B	Z	9.819	9.819	0	%100 %100
35	M104B	X	-5.239	-5.239	0	%100 %100
36	M104B	Z	9.074	9.074	0	%100 %100
37	M1104B M110B	X	-5.407	-5.407	0	%100 %100
38		Z	9.366	9.366		%100 %100
	M110B	X			0	
39 40	M109B M109B	Z	-5.643 9.773	-5.643 9.773	0	%100 %100
41	M110C	X	-5.643	-5.643	0	%100 %400
42	M110C	Z	9.773	9.773	0	%100 %400
43	M108A	X	-5.643	-5.643	0	%100 %400
44	M108A	Z	9.773	9.773	0	%100 %400
45	M109A	X	-5.643	-5.643	0	%100 %400
46	M109A	Z	9.773	9.773	0	%100 %400
47	M112A	X	0	0	0	%100 %400
48	M112A	Z	0	0	0	%100 %400
49	M113A	X	0	0	0	%100

			O:			
F 0	Member Label	Direction		End Magnitude[lb/ft,F	_	End Location[ft,%]
50	M113A	Z	0	0	0	%100 %400
51	M116A	X	-14.106	-14.106	0	%100
52	M116A	Z	24.433	24.433	0	%100 %400
53	M117B	X	0	0	0	%100
54	M117B	Z	0	0	0	%100
55	M118A	X	-1.881	-1.881	0	%100
56	M118A	Z	3.258	3.258	0	%100
57	M118C	X	-1.881	-1.881	0	%100
58	M118C	Z	3.258	3.258	0	%100
59	M122A	X	-14.106	-14.106	0	%100
60	M122A	Z	24.433	24.433	0	%100
61	M123A	X	-5.643	-5.643	0	%100
62	M123A	Z	9.773	9.773	0	%100
63	M124A	X	-5.643	-5.643	0	%100
64	M124A	Z	9.773	9.773	0	%100
65	M127A	X	0	0	0	%100
66	M127A	Z	0	0	0	%100
67	M128A	X	0	0	0	%100
68	M128A	Z	0	0	0	%100
69	M129A	X	0	0	0	%100
70	M129A	Z	0	0	0	%100
71	M132A	X	-4.212	-4.212	0	%100
72	M132A	Z	7.296	7.296	0	%100
73	M133A	X	-3.514	-3.514	0	%100
74	M133A	Z	6.086	6.086	0	%100
75	M136B	Χ	-1.881	-1.881	0	%100
76	M136B	Z	3.258	3.258	0	%100
77	M140A	X	-1.881	-1.881	0	%100
78	M140A	Z	3.258	3.258	0	%100
79	M142A	X	-1.881	-1.881	0	%100
80	M142A	Z	3.258	3.258	0	%100
81	M144A	X	-16.849	-16.849	0	%100
82	M144A	Ζ	29.184	29.184	0	%100
83	M145B	X	-14.054	-14.054	0	%100
84	M145B	Ζ	24.343	24.343	0	%100
85	M148A	Χ	-7.523	-7.523	0	%100
86	M148A	Z	13.031	13.031	0	%100
87	M152	Χ	-7.523	-7.523	0	%100
88	M152	Z	13.031	13.031	0	%100
89	M154	X	-7.523	-7.523	0	%100
90	M154	Z	13.031	13.031	0	%100
91	M152A	X	-5.407	-5.407	0	%100
92	M152A	Z	9.366	9.366	0	%100
93	M153A	Χ	-5.407	-5.407	0	%100
94	M153A	X Z	9.366	9.366	0	%100
95	M156	X	-6.184	-6.184	0	%100
96	M156	Z	10.712	10.712	0	%100
97	M160	X	-1.904	-1.904	0	%100
98	M160	Z	3.297	3.297	0	%100
99	M161	X	-1.904	-1.904	0	%100
100	M161	Z	3.297	3.297	0	%100
101	M164	X	-6.184	-6.184	0	%100
102	M164	Z	10.712	10.712	0	%100 %100
103	M169		-7.615	-7.615	0	%100
104	M169	X Z	13.189	13.189	0	%100 %100
105	M170	X	-7.615	-7.615	0	%100 %100
106	M170	Z	13.189	13.189	0	%100 %100
100	IVITIO		10.100	10.100	J	70 100

	Member Label	Direction	Start Magnitude[lb/ft,	. <u>End Magnitude[lb/ft,F</u>	Start Location[ft,%]	End Location[ft,%]
107	M173	X	0	0	0	%100
108	M173	Z	0	0	0	%100
109	M173A	X	-4.28	-4.28	0	%100
110	M173A	Z	7.414	7.414	0	%100
111	M174	X	-5.669	-5.669	0	%100
112	M174	Z	9.819	9.819	0	%100
113	M175	X	-5.253	-5.253	0	%100
114	M175	Z	9.098	9.098	0	%100
115	M176	X	-5.669	-5.669	0	%100
116	M176	Z	9.819	9.819	0	%100
117	M177	X	-4.341	-4.341	0	%100
118	M177	Z	7.52	7.52	0	%100
119	M178	X	-5.669	-5.669	0	%100
120	M178	Z	9.819	9.819	0	%100
121	M179	Χ	-5.239	-5.239	0	%100
122	M179	Z	9.074	9.074	0	%100
123	M180	X	-3.015	-3.015	0	%100
124	M180	Z	5.222	5.222	0	%100
125	M181	Χ	-5.669	-5.669	0	%100
126	M181	Z	9.819	9.819	0	%100
127	M182	X	-2.203	-2.203	0	%100
128	M182	Z	3.816	3.816	0	%100
129	M183	X	-5.669	-5.669	0	%100
130	M183	Z	9.819	9.819	0	%100
131	M184	Χ	-3.259	-3.259	0	%100
132	M184	Z	5.645	5.645	0	%100
133	M185	X	-5.669	-5.669	0	%100
134	M185	Ζ	9.819	9.819	0	%100
135	M186	X	-2.147	-2.147	0	%100
136	M186	Ζ	3.719	3.719	0	%100
137	MP2A	X	-4.467	-4.467	0	%100
138	MP2A	Z	7.737	7.737	0	%100
139	MP3A	X	-4.467	-4.467	0	%100
140	MP3A	Z	7.737	7.737	0	%100
141	MP4A	X	-4.467	-4.467	0	%100
142	MP4A	Z	7.737	7.737	0	%100
143	MP1C	X	-4.467	-4.467	0	%100
144	MP1C	Z	7.737	7.737	0	%100
145	MP2C	X	-4.467	-4.467	0	%100
146	MP2C	Z	7.737	7.737	0	%100
147	MP3C	X	-4.467	-4.467	0	%100
148	MP3C	Z	7.737	7.737	0	%100
149	MP4C	X	-4.467	-4.467	0	%100
150	MP4C	Z	7.737	7.737	0	%100
151	MP1B	X	-4.467	-4.467	0	%100
152	MP1B	Z	7.737	7.737	0	%100
153	MP2B	X	-4.467	-4.467	0	%100
154	MP2B	Ζ	7.737	7.737	0	%100
155	MP3B	Χ	-4.467	-4.467	0	%100
156	MP3B	Z	7.737	7.737	0	%100
157	MP4B	X	-4.467	-4.467	0	%100
158	MP4B	Z	7.737	7.737	0	%100
159	M148B	X	-3.653	-3.653	0	%100
160	M148B	Z	6.327	6.327	0	%100
161	M153B	Χ	392	392	0	%100
162	M153B	Z	.679	.679	0	%100
163	M154B	X	392	392	0	%100



	Member Label	Direction		End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
164	M154B	Z	.679	.679	0	%100
165	M159A	X	392	392	0	%100
166	M159A	Z	.679	.679	0	%100
167	M160A	X	392	392	0	%100
168	M160A	Z	.679	.679	0	%100
169	M162A	X	-3.653	-3.653	0	%100
170	M162A	Z	6.327	6.327	0	%100
171	M167A	X	052	052	0	%100
172	M167A	Z	.091	.091	0	%100
173	M168A	X	052	052	0	%100
174	M168A	Z	.091	.091	0	%100
175	M173B	X	052	052	0	%100
176	M173B	Z	.091	.091	0	%100
177	M174A	X	052	052	0	%100
178	M174A	Z	.091	.091	0	%100
179	M176A	X	-3.653	-3.653	0	%100
180	M176A	Z	6.327	6.327	0	%100
181	M181A	X	731	731	0	%100
182	M181A	Z	1.266	1.266	0	%100
183	M182A	X	731	731	0	%100
184	M182A	Z	1.266	1.266	0	%100
185	M187B	X	731	731	0	%100
186	M187B	Z	1.266	1.266	0	%100
187	M188	X	731	731	0	%100
188	M188	Z	1.266	1.266	0	%100
189	M187C	X	-3.444	-3.444	0	%100
190	M187C	Z	5.965	5.965	0	%100
191	M190	X	-3.444	-3.444	0	%100
192	M190	Z	5.965	5.965	0	%100
193	M193	X	-3.444	-3.444	0	%100
194	M193	Z	5.965	5.965	0	%100
195	M198	X	-4.467	-4.467	0	%100
196	M198	Z	7.737	7.737	0	%100
197	M201	X	-4.467	-4.467	0	%100
198	M201	Z	7.737	7.737	0	%100
199	M204	X	-4.467	-4.467	0	%100
200	M204	Z	7.737	7.737	0	%100
201	M209	X	-4.056	-4.056	0	%100
202	M209	Z	7.025	7.025	0	%100
203	M214	X	-4.056	-4.056	0	%100
204	M214	Z	7.025	7.025	0	%100
205	M219	X	0	0	0	%100
206	M219	Z	0	0	0	%100
207	M226	X	-5.82	-5.82	0	%100
208	M226	Z	10.081	10.081	0	%100
209	M227	X	-5.82	-5.82	0	%100
210	M227	Z	10.081	10.081	0	%100
211	M228	X	0	0	0	%100
212	M228	Z	0	0	0	%100
213	M231	X	529	529	0	%100
214	M231	Z	.916	.916	0	%100
215	M233	X	529	529	0	%100
216	M233	Z	.916	.916	0	%100
217	M237	X	0	0	0	%100
218	M237	Z	0	0	0	%100
219	M242	X	-4.142	-4.142	0	%100
220	M242	Z	7.174	7.174	0	%100



	Member Label	Direction	Start Magnitude[lb/ft,	.End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
221	M243	X	-4.703	-4.703	0	%100
222	M243	Z	8.145	8.145	0	%100
223	M244	Х	-6.1	-6.1	0	%100
224	M244	Z	10.565	10.565	0	%100
225	M251A	Χ	-6.1	-6.1	0	%100
226	M251A	Z	10.565	10.565	0	%100
227	M253	Χ	-6.1	-6.1	0	%100
228	M253	Ζ	10.565	10.565	0	%100
229	M256	Χ	-6.768	-6.768	0	%100
230	M256	Z	11.722	11.722	0	%100
231	M257	Χ	-6.768	-6.768	0	%100
232	M257	Z	11.722	11.722	0	%100
233	M258	Χ	-8.356	-8.356	0	%100
234	M258	Z	14.473	14.473	0	%100
235	M259	X	-4.142	-4.142	0	%100
236	M259	Z	7.174	7.174	0	%100
237	M260	X	-4.703	-4.703	0	%100
238	M260	Ζ	8.145	8.145	0	%100
239	M261	Χ	-6.1	-6.1	0	%100
240	M261	Z	10.565	10.565	0	%100
241	M262	X	-6.27	-6.27	0	%100
242	M262	Z	10.859	10.859	0	%100
243	M263	Χ	-6.27	-6.27	0	%100
244	M263	Z	10.859	10.859	0	%100
245	M264	Χ	-6.1	-6.1	0	%100
246	M264	Z	10.565	10.565	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-21.888	-21.888	0	%100
2	M1	Z	12.637	12.637	0	%100
3	M2	X	-18.257	-18.257	0	%100
4	M2	Z	10.541	10.541	0	%100
5	M3	X	-10.565	-10.565	0	%100
6	M3	Ζ	6.1	6.1	0	%100
7	M6	X	-9.773	-9.773	0	%100
8	M6	Z	5.643	5.643	0	%100
9	M27	Χ	-3.258	-3.258	0	%100
10	M27	Z	1.881	1.881	0	%100
11	M33	Χ	-3.258	-3.258	0	%100
12	M33	Z	1.881	1.881	0	%100
13	M34	Χ	-8.144	-8.144	0	%100
14	M34	Z	4.702	4.702	0	%100
15	M35	X	-8.144	-8.144	0	%100
16	M35	Ζ	4.702	4.702	0	%100
17	MP1A	X	-7.737	-7.737	0	%100
18	MP1A	Z	4.467	4.467	0	%100
19	M147	Χ	-9.892	-9.892	0	%100
20	M147	Z	5.711	5.711	0	%100
21	M148	Χ	-9.892	-9.892	0	%100
22	M148	Ζ	5.711	5.711	0	%100
23	M103A	Χ	-5.953	-5.953	0	%100
24	M103A	Z	3.437	3.437	0	%100
25	M104A	Χ	-9.819	-9.819	0	%100
26	M104A	Z	5.669	5.669	0	%100
27	M101A	Χ	-5.577	-5.577	0	%100



		D: "	01 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	E 184 11 1 11 /0 E	01 11 1: [[1.0/]	E 11 1: F0: 0/3
20	Member Label	Direction		End Magnitude[lb/ft,F	_	End Location[ft,%]
28	M101A M101B	Z X	3.22 -9.819	3.22 -9.819	0	%100 %100
30	M101B	Z	5.669	5.669	0	%100 %100
31	M102A	X Z	-6.27	-6.27	0	%100 %400
32	M102A		3.62	3.62	0	%100 %400
33	M103B	X Z	-9.819	-9.819	0	%100
34	M103B		5.669	5.669	0	%100 %100
35	M104B	X Z	-5.504 3.178	-5.504 3.178	0	%100 %100
36	M104B M110B	X		-9.366	0	%100 %100
	M110B	Z	-9.366 5.407		0	%100 %100
38		X	5.407 -3.258	5.407 -3.258	0	%100 %100
39 40	M109B M109B	Z	1.881	1.881	0	%100 %100
41	M110C	X	-3.258	-3.258	0	%100 %100
42	M110C	Z	1.881	1.881	0	%100 %100
43	M108A	X	-13.031	-13.031	0	%100 %100
44	M108A	Z	7.523	7.523	0	%100 %100
45	M109A	X	-13.031	-13.031	0	%100 %100
46	M109A	Z	7.523	7.523	0	%100 %100
47	M112A	X	-3.258	-3.258	0	%100 %100
48	M112A	Z	1.881	1.881	0	%100 %100
49	M113A	X	-3.258	-3.258	0	%100 %100
50	M113A	Z	1.881	1.881	0	%100 %100
51	M116A	X	-32.578	-32.578	0	%100 %100
52	M116A	Z	18.809	18.809	0	%100 %100
53	M117B	X	-8.144	-8.144	0	%100 %100
54	M117B	Z	4.702	4.702	0	%100 %100
55	M118A	X	-9.773	-9.773	0	%100 %100
56	M118A	Z	5.643	5.643	0	%100 %100
57	M118C	X	-9.773	-9.773	0	%100 %100
58	M118C	Z	5.643	5.643	0	%100 %100
59	M122A	X	-32.578	-32.578	0	%100
60	M122A	Z	18.809	18.809	0	%100
61	M123A	X	-13.031	-13.031	0	%100
62	M123A	Z	7.523	7.523	0	%100
63	M124A	X	-13.031	-13.031	0	%100
64	M124A	Z	7.523	7.523	0	%100
65	M127A	X	-8.144	-8.144	0	%100
66	M127A	Z	4.702	4.702	0	%100
67	M128A	X	-3.258	-3.258	0	%100
68	M128A	Z	1.881	1.881	0	%100
69	M129A	X	-3.258	-3.258	0	%100
70	M129A	Z	1.881	1.881	0	%100
71	M132A	X	0	0	0	%100
72	M132A	Z	0	0	0	%100
73	M133A	X	0	0	0	%100
74	M133A	Z	0	0	0	%100
75	M136B	X	0	0	0	%100
76	M136B	Z	0	0	0	%100
77	M140A	X	0	0	0	%100
78	M140A	Z	0	0	0	%100
79	M142A	X	0	0	0	%100
80	M142A	Z	0	0	0	%100
81	M144A	X	-21.888	-21.888	0	%100
82	M144A	Z	12.637	12.637	0	%100
83	M145B	X	-18.257	-18.257	0	%100
84	M145B	Z	10.541	10.541	0	%100



86		Member Label	Direction		End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
88	85	M148A	X	-9.773	-9.773	0	%100
88							
B9							
90			_				
91 M152A							
93 M152A Z 5.407 0 %100 94 93 M153A X -9.366 0 9.366 0 %100 94 M153A Z 5.407 5.407 0 %100 95 M156 X -3.571 -3.571 0 %100 98 M156 Z 2.061 2.061 0 %100 97 M160 X 0 0 0 0 %100 97 M160 X 0 0 0 0 %100 98 M160 Z 0 0 0 0 %100 99 M161 X 0 0 0 0 %100 99 M161 X 0 0 0 0 %100						0	
93						-	
94					5.407		
95							
96							
97							
98							
99							
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102					•		
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104							
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106							
107							
108							
109			X				
110 M173A Z 4,702 4,702 0 %100 111 M174 X -9,819 -9,819 0 %100 112 M174 Z 5,669 5,669 0 %100 113 M175 X -10,859 -10,859 0 %100 114 M175 Z 6,27 6,27 0 %100 115 M176 X -9,819 -9,819 0 %100 116 M176 Z 5,669 5,669 0 %100 117 M177 X -8,144 -8,144 0 %100 118 M177 Z 4,702 4,702 0 %100 119 M178 X -9,819 -9,819 0 %100 120 M178 Z 5,669 5,669 0 %100 121 M179 X -10,859 -10,859 0 %100							
111 M174 X -9.819 -9.819 0 %100 112 M174 Z 5.669 5.669 0 %100 113 M175 X -10.859 -10.859 0 %100 114 M175 Z 6.27 0 %100 115 M176 X -9.819 0 %100 116 M176 Z 5.669 5.669 0 %100 117 M177 X -8.144 0 %100 %100 118 M177 Z 4.702 4.702 0 %100 119 M178 X -9.819 -9.819 0 %100 120 M178 X -9.819 -9.819 0 %100 121 M179 X -10.859 -10.859 0 %100 122 M179 Z 6.27 6.27 0 %100 124 M180 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>							
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140 MP3A Z 4.467 4.467 0 %100							
			Z				

	Member Label	Direction	Start Magnitude[lb/ft,.	End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
142	MP4A	Z	4.467	4.467	0	%100
143	MP1C	X	-7.737	-7.737	0	%100
144	MP1C	Z	4.467	4.467	0	%100
145	MP2C	X	-7.737	-7.737	0	%100
146	MP2C	Z	4.467	4.467	0	%100
147	MP3C	X	-7.737	-7.737	0	%100
148	MP3C	Z	4.467	4.467	0	%100
149	MP4C	X	-7.737	-7.737	0	%100
150	MP4C	Z	4.467	4.467	0	%100
151	MP1B	X	-7.737	-7.737	0	%100
152	MP1B	Z	4.467	4.467	0	%100
153	MP2B	X	-7.737	-7.737	0	%100
154	MP2B	Z	4.467	4.467	0	%100
155	MP3B	X	-7.737	-7.737	0	%100
156	MP3B	Z	4.467	4.467	0	%100
157	MP4B	X	-7.737	-7.737	0	%100
158	MP4B	Z	4.467	4.467	0	%100
159	M148B	X	-6.327	-6.327	0	%100
160	M148B	Z	3.653	3.653	0	%100
161	M153B	X	-1.266	-1.266	0	%100
162	M153B	Z	.731	.731	0	%100
163	M154B	X	-1.266	-1.266	0	%100
164	M154B	Z	.731	.731	0	%100
165	M159A	X	-1.266	-1.266	0	%100
166	M159A	Z	.731	.731	0	%100
167	M160A	X	-1.266	-1.266	0	%100
168	M160A	Z	.731	.731	0	%100
169	M162A	X	-6.327	-6.327	0	%100
170	M162A	Z	3.653	3.653	0	%100
171	M167A	X	091	091	0	%100
172	M167A	Z	.052	.052	0	%100
173	M168A	X	091	091	0	%100
174	M168A	Z	.052	.052	0	%100
175	M173B	X	091	091	0	%100
176	M173B	Z	.052	.052	0	%100
177	M174A	X	091	091	0	%100
178	M174A	Z	.052	.052	0	%100
179	M176A	X	-6.327	-6.327	0	%100
180	M176A	Z	3.653	3.653	0	%100
181	M181A	X	679	679	0	%100
182	M181A	Z	.392	.392	0	%100
183	M182A	X	679	679	0	%100
184	M182A	Z	.392	.392	0	%100
185	M187B	X	679	679	0	%100
186	M187B	Z	.392	.392	0	%100
187	M188	X	679	679	0	%100
188	M188	Z	.392	.392	0	%100
189	M187C	X	-5.965	-5.965	0	%100
190	M187C	Z	3.444	3.444	0	%100
191	M190	X	-5.965	-5.965	0	%100
192	M190	Z	3.444	3.444	0	%100
193	M193	X	-5.965	-5.965	0	%100
194	M193	Z	3.444	3.444	0	%100
195	M198	X	-7.737	-7.737	0	%100
196	M198	Z	4.467	4.467	0	%100
197	M201	X	-7.737	-7.737	0	%100
198	M201	Z	4.467	4.467	0	%100

	Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
199	M204	X	-7.737	-7.737	0	%100
200	M204	Z	4.467	4.467	0	%100
201	M209	X	-2.342	-2.342	0	%100
202	M209	Z	1.352	1.352	0	%100
203	M214	X	-9.366	-9.366	0	%100
204	M214	Z	5.407	5.407	0	%100
205	M219	X	-2.342	-2.342	0	%100
206	M219	Z	1.352	1.352	0	%100
207	M226	X	-3.36	-3.36	0	%100
208	M226	Z	1.94	1.94	0	%100
209	M227	X	-13.441	-13.441	0	%100
210	M227	Z	7.76	7.76	0	%100
211	M228	X	-3.36	-3.36	0	%100
212	M228	Z	1.94	1.94	0	%100
213	M231	X	305	305	0	%100
214	M231	Z	.176	.176	0	%100
215	M233	X	-1.222	-1.222	0	%100
216	M233	Z	.705	.705	0	%100
217	M237	X	305	305	0	%100
218	M237	Z	.176	.176	0	%100
219	M242	X	-9.631	-9.631	0	%100
220	M242	Z	5.56	5.56	0	%100
221	M243	X	-9.955	-9.955	0	%100
222	M243	Z	5.747	5.747	0	%100
223	M244	X	-10.565	-10.565	0	%100
224	M244	Z	6.1	6.1	0	%100
225	M251A	X	-10.565	-10.565	0	%100
226	M251A	Z	6.1	6.1	0	%100
227	M253	X	-10.565	-10.565	0	%100
228	M253	Z	6.1	6.1	0	%100 %100
229	M256	X	-13.556	-13.556	0	%100
230	M256	Z	7.827	7.827	0	%100 %100
231	M257	X	-10.805	-10.805	0	%100
232	M257	Z	6.238	6.238	0	%100 %100
233	M258	X	-13.556	-13.556	0	%100
234	M258	Z	7.827	7.827	0	%100 %100
235	M259	X	-5.946	-5.946	0	%100
236	M259	Z	3.433	3.433	0	%100 %100
237	M260	X	-7.241	-7.241	0	%100
238	M260	Z	4.181	4.181	0	%100 %100
239	M261	X	-10.565	-10.565	0	%100 %100
240	M261	Z	6.1	6.1	0	%100 %100
241	M262	X	-9.631	-9.631	0	%100 %100
242	M262	Z	5.56	5.56	0	%100 %100
243	M263	X	-9.955	-9.955	0	%100 %100
244	M263	Z	5.747	5.747	0	%100 %100
245	M264	X	-10.565	-10.565	0	%100 %100
246	M264	7	6.1	6.1	0	%100 %100

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

	Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-33.699	-33.699	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	-28.108	-28.108	0	%100
4	M2	Z	0	0	0	%100
5	M3	Χ	-12.2	-12.2	0	%100

	Member Label	Direction	Start Magnitude[lb/ft,.	End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
6	M3	Z	0	0	0	%100
7	<u>M6</u>	X	-15.047	-15.047	0	%100
8	<u>M6</u>	Z	0	0	0	%100
9	M27	X	0	0	0	%100
10	M27	Z	0	0	0	%100
11	M33	X	0	0	0	%100
12	M33	Z	0	0	0	%100
13	M34	X	0	0	0	%100
14	M34	Z	0	0	0	%100
15	M35	X	0	0	0	%100
16	M35	Z	0	0	0	%100
17	MP1A	X	-8.934	-8.934	0	%100
18	MP1A	Z	0	0	0	%100
19	M147	X	-15.23	-15.23	0	%100
20	M147	Z	0	0	0	%100
21	M148	X	-15.23	-15.23	0	%100
22	M148	Z	0	0	0	%100
23	M103A	X	-6.03	-6.03	0	%100
24	M103A	Z	0	0	0	%100
25	M104A	X	-11.337	-11.337	0	%100
26	M104A	Z	0	0	0	%100
27	M101A	X	-4.407	-4.407	0	%100
28	M101A	Z	0	0	0	%100
29	M101B	X	-11.337	-11.337	0	%100
30	M101B	Z	0	0	0	%100
31	M102A	X	-6.519	-6.519	0	%100
32	M102A	Z	0	0	0	%100
33	M103B	X	-11.337	-11.337	0	%100
34	M103B	Z	0	0	0	%100
35	M104B	X	-4.294	-4.294	0	%100
36	M104B	Z	0	0	0	%100
37	M110B	X	-10.815	-10.815	0	%100
38	M110B	Z	0	0	0	%100 %400
39	M109B	X Z	0	0	0	%100
40	M109B		0	0	0	%100 %400
41	M110C	X	0	0	0	%100 %400
42	M110C	Z	0	0	0	%100 %400
43	M108A M108A	X Z	-11.285 0	-11.285 0	0	%100 %100
45		X	•	<u> </u>	0	
	M109A M109A	Z	-11.285 0	-11.285 0	0	%100 %100
46	M112A	X	-11.285	-11.285	0	%100 %100
48	M112A M112A	Z	-11.205	-11.200	0	%100 %100
49	M113A	X	-11.285	-11.285	0	%100 %100
50	M113A	Z	-11.265	-11.265	0	%100 %100
51	M116A	X	-28.213	-28.213	0	%100 %100
52	M116A	Z	0	0	0	%100 %100
53	M117B	X	-28.213	-28.213	0	%100 %100
54	M117B	Z	0	0	0	%100 %100
55	M118A	X	-15.047	-15.047	0	%100 %100
56	M118A	Z	0	0	0	%100 %100
57	M118C	X	-15.047	-15.047	0	%100 %100
58	M118C	Z	0	0	0	%100 %100
59	M122A	X	-28.213	-28.213	0	%100 %100
60	M122A	Z	0	0	0	%100 %100
61	M123A	X	-11.285	-11.285	0	%100
62	M123A	Z	0	0	0	%100
			<u> </u>	<u> </u>		

	Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
63	M124A	X	-11.285	-11.285	0	%100
64	M124A	Z	0	0	0	%100
65	M127A	X	-28.213	-28.213	0	%100
66	M127A	Z	0	0	0	%100
67	M128A	X	-11.285	-11.285	0	%100
68	M128A	Z	0	0	0	%100
69	M129A	X	-11.285	-11.285	0	%100
70	M129A	Z	0	0	0	%100
71	M132A	X	-8.425	-8.425	0	%100
72	M132A	Z	0	0	0	%100
73	M133A	X	-7.027	-7.027	0	%100
74	M133A	Z	0	0	0	%100
75	M136B	X	-3.762	-3.762	0	%100
76	M136B	Z	0	0	0	%100
77	M140A	X	-3.762	-3.762	0	%100
78	M140A	Z	0	0	0	%100
79	M142A	X	-3.762	-3.762	0	%100
80	M142A	Z	0	0	0	%100
81	M144A	X	-8.425	-8.425	0	%100
82	M144A	Z	0	0	0	%100
83	M145B	X	-7.027	-7.027	0	%100
84	M145B	Z	0	0	0	%100
85	M148A	X	-3.762	-3.762	0	%100
86	M148A	Z	0	0	0	%100
87	M152	X	-3.762	-3.762	0	%100
88	M152	Z	0	0	0	%100
89	M154	X	-3.762	-3.762	0	%100
90	M154	Z	0	0	0	%100
91	M152A	X	-10.815	-10.815	0	%100
92	M152A	Z	0	0	0	%100
93	M153A	X	-10.815	-10.815	0	%100
94	M153A	Z	0	0	0	%100
95	M156	X	0	0	0	%100
96	M156	Z	0	0	0	%100
97	M160	X	-3.807	-3.807	0	%100
98	M160	Z	0	0	0	%100
99	M161	X	-3.807	-3.807	0	%100
100	M161	Z	0	0	0	%100
101	M164	X	-12.369	-12.369	0	%100
102	M164	Z	0	0	0	%100
103	M169	X	-3.807	-3.807	0	%100
104	<u>M169</u>	Z	0	0	0	%100
105	M170	X	-3.807	-3.807	0	%100
106	M170	Z	0	0	0	%100
107	M173	X	-12.369	-12.369	0	%100
108	M173	Z	0	0	0	%100
109	M173A	X	-8.561	-8.561	0	%100
110	M173A	Z	0	0	0	%100
111	M174	X	-11.337	-11.337	0	%100
112	M174	Z	0	0	0	%100
113	M175	X	-10.506	-10.506	0	%100
114	M175	Z	0	0	0	%100
115	M176	X	-11.337	-11.337	0	%100
116	M176	Z	0	0	0	%100
117	M177	X	-8.683	-8.683	0	%100
118	M177	Z	0	0	0	%100
119	<u>M178</u>	X	-11.337	-11.337	0	%100

	Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
120	M178	Z	0	0	0	%100
121	M179	X	-10.478	-10.478	0	%100
122	M179	Z	0	0	0	%100
123	M180	X	-8.561	-8.561	0	%100
124	M180	Z	0	0	0	%100
125	M181	X	-11.337	-11.337	0	%100
126	M181	Z	0	0	0	%100
127	M182	X	-10.506	-10.506	0	%100
128	M182	Z	0	0	0	%100
129	M183	X	-11.337	-11.337	0	%100
130	M183	Z	0	0	0	%100
131	M184	X	-8.683	-8.683	0	%100
132	M184	Z	0	0	0	%100
133	M185	X	-11.337	-11.337	0	%100
134	M185	Z	0	0	0	%100
135	M186	X	-10.478	-10.478	0	%100
136	M186	Z	0	0	0	%100
137	MP2A	X	-8.934	-8.934	0	%100
138	MP2A	Z	0	0	0	%100
139	MP3A	X	-8.934	-8.934	0	%100
140	MP3A	Z	0	0	0	%100
141	MP4A	X	-8.934	-8.934	0	%100
142	MP4A	Z	0	0	0	%100
143	MP1C	X	-8.934	-8.934	0	%100
144	MP1C	Z	0	0	0	%100
145	MP2C	X	-8.934	-8.934	0	%100
146	MP2C	Z	0	0	0	%100
147	MP3C	X	-8.934	-8.934	0	%100
148	MP3C	Z	0	0	0	%100
149	MP4C	X	-8.934	-8.934	0	%100
150	MP4C	Z	0	0	0	%100
151	MP1B	X	-8.934	-8.934	0	%100
152	MP1B	Z	0	0	0	%100
153	MP2B	X	-8.934	-8.934	0	%100
154	MP2B	Z	0	0	0	%100
155	MP3B	X	-8.934	-8.934	0	%100
156	MP3B	Z	0	0	0	%100
157	MP4B	X	-8.934	-8.934	0	%100
158	MP4B	Z	0	0	0	%100
159	M148B	X	-7.306	-7.306	0	%100
160	M148B	Z	0	0	0	%100
161	M153B	X	-1.462	-1.462	0	%100
162	M153B	Z	0	0	0	%100
163	M154B	X	-1.462	-1.462	0	%100
164	M154B	Z	0	0	0	%100
165	M159A	X	-1.462	-1.462	0	%100
166	M159A	Z	0	0	0	%100
167	M160A	X	-1.462	-1.462	0	%100
168	M160A	Z	0	0	0	%100
169	M162A	X	-7.306	-7.306	0	%100
170	M162A	Z	0	0	0	%100
171	M167A	X	784	784	0	%100
172	M167A	Z	0	0	0	%100
173	M168A	X	784	784	0	%100
174	M168A	Z	0	0	0	%100
175	M173B	X	784	784	0	%100
176	M173B	Z	0	0	0	%100

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	Member Label	Direction	Start Magnitude[lb/ft,		Start Location[ft,%]	End Location[ft,%]
177	M174A	X	784	784	0	%100
178	M174A	Z	0	0	0	%100
179	M176A	X	-7.306	-7.306	0	%100
180	M176A	Z	0	0	0	%100
181	M181A	Х	105	105	0	%100
182	M181A	Z	0	0	0	%100
183	M182A	X	105	105	0	%100
184	M182A	Z	0	0	0	%100
185	M187B	X	105	105	0	%100
186	M187B	Z	0	0	0	%100
187	M188	X	105	105	0	%100 %100
188	M188	Z	0	0	0	%100 %100
189	M187C	X	-6.888	-6.888	0	%100 %100
190	M187C	Z	0	-0.000	0	%100 %100
191	M190	X	-6.888	-6.888	0	%100 %100
192	M190 M190	Z	-0.000	-0.000	0	%100 %100
				•		
193	M193	X 7	-6.888	-6.888	0	%100 %100
194	M193	<u>Z</u>	0 024	0	0	%100 %100
195	M198	X 	-8.934	-8.934	0	%100 %400
196	M198		0	0	0	%100 %400
197	M201	X	-8.934	-8.934	0	%100
198	M201	Z	0	0	0	%100
199	M204	<u>X</u>	-8.934	-8.934	0	%100
200	M204	Z	0	0	0	%100
201	M209	X	0	0	0	%100
202	M209	Z	0	0	0	%100
203	M214	X	-8.111	-8.111	0	%100
204	M214	Z	0	0	0	%100
205	M219	X	-8.111	-8.111	0	%100
206	M219	Z	0	0	0	%100
207	M226	Χ	0	0	0	%100
208	M226	Z	0	0	0	%100
209	M227	X	-11.64	-11.64	0	%100
210	M227	Z	0	0	0	%100
211	M228	Χ	-11.64	-11.64	0	%100
212	M228	Z	0	0	0	%100
213	M231	Х	0	0	0	%100
214	M231	Z	0	0	0	%100
215	M233	X	-1.058	-1.058	0	%100
216	M233	Z	0	0	0	%100
217	M237	X	-1.058	-1.058	0	%100
218	M237	Z	0	0	0	%100
219	M242	X	-12.539	-12.539	0	%100
220	M242	Z	0	0	0	%100 %100
221	M243	X	-12.539	-12.539	0	%100 %100
222	M243	Z	0	0	0	%100 %100
223	M244	X	-12.2	-12.2	0	%100 %100
224	M244	Z	0	0	0	%100 %100
225	M251A	X	-12.2	-12.2	0	%100 %100
226	M251A	Z	0	0	0	%100 %100
227	M253	X	-12.2	-12.2	0	%100 %100
228	M253	Ž	-12.2	-12.2	0	%100 %100
229	M256	X	-16.712	-16.712	0	%100 %100
230	M256	Z Z	-10.712	-10.712	0	%100 %100
231	M257	X	-13.535	-13.535	0	%100 %100
232	M257	Z Z	-13.535	-13.535	0	%100 %100
		X	•	-13.535	0	%100 %100
233	M258	Λ	-13.535	- 13.535	U	70 100



	Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
234	M258	Ζ	0	0	0	%100
235	M259	X	-8.284	-8.284	0	%100
236	M259	Ζ	0	0	0	%100
237	M260	X	-9.406	-9.406	0	%100
238	M260	Z	0	0	0	%100
239	M261	X	-12.2	-12.2	0	%100
240	M261	Ζ	0	0	0	%100
241	M262	X	-8.284	-8.284	0	%100
242	M262	Z	0	0	0	%100
243	M263	X	-9.406	-9.406	0	%100
244	M263	Ζ	0	0	0	%100
245	M264	X	-12.2	-12.2	0	%100
246	M264	Z	0	0	0	%100

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

	Member Label	Direction		End Magnitude[lb/ft,F		End Location[ft,%]
1	M1	X	-21.888	-21.888	0	%100
2	<u>M1</u>	Z	-12.637	-12.637	0	%100
3	M2	X	-18.257	-18.257	0	%100
4	M2	Z	-10.541	-10.541	0	%100
5	M3	X	-10.565	-10.565	0	%100
6	M3	Z	-6.1	-6.1	0	%100
7	M6	X	-9.773	-9.773	0	%100
8	M6	Z	-5.643	-5.643	0	%100
9	M27	Χ	-3.258	-3.258	0	%100
10	M27	Z	-1.881	-1.881	0	%100
11	M33	X	-3.258	-3.258	0	%100
12	M33	Z	-1.881	-1.881	0	%100
13	M34	Χ	-8.144	-8.144	0	%100
14	M34	Z	-4.702	-4.702	0	%100
15	M35	Χ	-8.144	-8.144	0	%100
16	M35	Z	-4.702	-4.702	0	%100
17	MP1A	Χ	-7.737	-7.737	0	%100
18	MP1A	Z	-4.467	-4.467	0	%100
19	M147	Χ	-9.892	-9.892	0	%100
20	M147	Z	-5.711	-5.711	0	%100
21	M148	Х	-9.892	-9.892	0	%100
22	M148	Z	-5.711	-5.711	0	%100
23	M103A	Х	-5.953	-5.953	0	%100
24	M103A	Z	-3.437	-3.437	0	%100
25	M104A	Х	-9.819	-9.819	0	%100
26	M104A	Z	-5.669	-5.669	0	%100
27	M101A	Х	-5.577	-5.577	0	%100
28	M101A	Z	-3.22	-3.22	0	%100
29	M101B	Х	-9.819	-9.819	0	%100
30	M101B	Z	-5.669	-5.669	0	%100
31	M102A	X	-6.27	-6.27	0	%100
32	M102A	Z	-3.62	-3.62	0	%100
33	M103B	X	-9.819	-9.819	0	%100
34	M103B	Ž	-5.669	-5.669	0	%100
35	M104B	X	-5.504	-5.504	0	%100
36	M104B	Z	-3.178	-3.178	0	%100 %100
37	M110B	X	-9.366	-9.366	0	%100
38	M110B	Z	-5.407	-5.407	0	%100 %100
39	M109B	X	-3.258	-3.258	0	%100
40	M109B	7	-1.881	-1.881	0	%100 %100



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	Member Label	Direction	Start Magnitude[lb/ft,		Start Location[ft,%]	End Location[ft,%]
41	M110C	X	-3.258	-3.258	0	%100
42	M110C	Z	-1.881	-1.881	0	%100
43	M108A	Х	-3.258	-3.258	0	%100
44	M108A	Z	-1.881	-1.881	0	%100
45	M109A	X	-3.258	-3.258	0	%100
46	M109A	Z	-1.881	-1.881	0	%100 %100
47		X				%100 %100
	M112A		-13.031	-13.031	0	
48	M112A	Z	-7.523	-7.523	0	%100
49	M113A	X	-13.031	-13.031	0	%100
50	M113A	Z	-7.523	-7.523	0	%100
51	M116A	X	-8.144	-8.144	0	%100
52	M116A	Z	-4.702	-4.702	0	%100
53	M117B	X	-32.578	-32.578	0	%100
54	M117B	Z	-18.809	-18.809	0	%100
55	M118A	Х	-9.773	-9.773	0	%100
56	M118A	Z	-5.643	-5.643	0	%100
57	M118C	X	-9.773	-9.773	0	%100 %100
58	M118C	Z	-5.643	-5.643	0	%100 %100
59	M122A	X	-8.144	-8.144	0	%100 %100
		Z		-0.144 -4.702	0	%100 %100
60	M122A		-4.702			
61	M123A	X	-3.258	-3.258	0	%100
62	M123A	Z	-1.881	-1.881	0	%100
63	M124A	X	-3.258	-3.258	0	%100
64	M124A	Z	-1.881	-1.881	0	%100
65	M127A	X	-32.578	-32.578	0	%100
66	M127A	Z	-18.809	-18.809	0	%100
67	M128A	X	-13.031	-13.031	0	%100
68	M128A	Z	-7.523	-7.523	0	%100
69	M129A	X	-13.031	-13.031	0	%100
70	M129A	Z	-7.523	-7.523	0	%100
71	M132A	X	-21.888	-21.888	0	%100
72	M132A	Z	-12.637	-12.637	0	%100 %100
73	M133A	X	-18.257	-18.257	0	%100 %100
74		Z				%100 %100
	M133A		-10.541	-10.541	0	
75	M136B	X	-9.773	-9.773	0	%100
76	M136B	Z	-5.643	-5.643	0	%100
77	M140A	X	-9.773	-9.773	0	%100
78	M140A	Z	-5.643	-5.643	0	%100
79	M142A	X	-9.773	-9.773	0	%100
80	M142A	Z	-5.643	-5.643	0	%100
81	M144A	X	0	0	0	%100
82	M144A	Z	0	0	0	%100
83	M145B	X	0	0	0	%100
84	M145B	Z	0	0	0	%100
85	M148A	X	0	0	0	%100
86	M148A	Z	0	0	0	%100 %100
87	M152	X	0	0	0	%100 %100
	M152	Z	0	0		%100 %100
88			•	-	0	
89	M154	X	0	0	0	%100
90	M154	Z	0	0	0	%100
91	M152A	X	-9.366	-9.366	0	%100
92	M152A	Z	-5.407	-5.407	0	%100
93	M153A	X	-9.366	-9.366	0	%100
94	M153A	Z	-5.407	-5.407	0	%100
95	M156	X	-3.571	-3.571	0	%100
96	M156	Z	-2.061	-2.061	0	%100
97	M160	X	-9.892	-9.892	0	%100
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00	Member Label	Direction		End Magnitude[lb/ft,F	_	End Location[ft,%]
98	M160	Z	-5.711	-5.711	0	<u>%100</u>
99	M161	X	-9.892	-9.892	0	%100
100	M161	Z	-5.711	-5.711	0	%100 %100
101	M164	X	-3.571	-3.571	0	%100
102	M164	Z	-2.061	-2.061	0	%100
103	M169	X	0	0	0	%100
104	M169	Z	0	0	0	%100
105	M170	X	0	0	0	%100
106	M170	Z	0	0	0	%100 %400
107	M173	X Z	-14.282	-14.282	0	%100
108	M173		-8.246	-8.246	0	%100 %400
109	M173A	X	-5.953	-5.953	0	%100 %400
110 111	M173A	Z	-3.437	-3.437	0	%100 %400
112	M174 M174	X Z	-9.819 5.660	-9.819 5.660	0	%100 %100
113	M175	X	- <u>5.669</u>	- <u>5.669</u>		%100 %100
114	M175	^ 	-5.577 -3.22	-5.577 -3.22	0	%100 %100
115						%100 %100
116	M176 M176	X Z	-9.819 5.660	-9.819 5.660	0	
	M177		-5.669 -6.27	-5.669 -6.27	0	%100 %100
117 118	M177	X Z	-3.62	-3.62	0	%100 %100
119	M178	X	-3.62 -9.819	-3.62 -9.819	0	%100 %100
120	M178	Z		-9.619 -5.669		%100 %100
121	M179	X	-5.669 5.504		0	%100 %100
121	M179	Z	-5.504 -3.178	-5.504 -3.178	0	%100 %100
123	M180	X	-3.176 -8.144			%100 %100
123	M180	Z	-0.144 -4.702	-8.144 -4.702	0	%100 %100
125	M181	X	-4.702 -9.819	- 4.702 -9.819	0	%100 %100
126	M181	Z	-5.669	-5.669	0	%100 %100
127	M182	X	-10.859	-10.859	0	%100 %100
128	M182	Z	-6.27	-6.27	0	%100 %100
129	M183	X	-9.819	-9.819	0	%100 %100
130	M183	Z	-5.669	-5.669	0	%100 %100
131	M184	X	-8.144	-8.144	0	%100 %100
132	M184	Z	-4.702	-4.702	0	%100 %100
133	M185	X	-9.819	-9.819	0	%100 %100
134	M185	Z	-5.669	-5.669	0	%100 %100
135	M186	X	-10.859	-10.859	0	%100 %100
136	M186	Z	-6.27	-6.27	0	%100 %100
137	MP2A	X	-7.737	-7.737	0	%100 %100
138	MP2A	Z	-4.467	-4.467	0	%100 %100
139	MP3A	X	-7.737	-7.737	0	%100 %100
140	MP3A	Z	-4.467	-4.467	0	%100 %100
141	MP4A	X	-7.737	-7.737	0	%100 %100
142	MP4A	Z	-4.467	-4.467	0	%100 %100
143	MP1C	X	-7.737	-7.737	0	%100
144	MP1C	Z	-4.467	-4.467	0	%100 %100
145	MP2C	X	-7.737	-7.737	0	%100
146	MP2C	Z	-4.467	-4.467	0	%100
147	MP3C	X	-7.737	-7.737	0	%100
148	MP3C	Z	-4.467	-4.467	0	%100 %100
149	MP4C	X	-7.737	-7.737	0	%100
150	MP4C	Z	-4.467	-4.467	0	%100 %100
151	MP1B	X	-7.737	-7.737	0	%100
152	MP1B	Z	-4.467	-4.467	0	%100 %100
153	MP2B	X	-7.737	-7.737	0	%100
154	MP2B	Ž	-4.467	-4.467	0	%100
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	Member Label	Direction		End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
155	MP3B	X	-7.737	-7.737	0	%100 ·
156	MP3B	Z	-4.467	-4.467	0	%100
157	MP4B	X	-7.737	-7.737	0	%100
158	MP4B	Z	-4.467	-4.467	0	%100
159	M148B	X	-6.327	-6.327	0	%100
160	M148B	Z	-3.653	-3.653	0	%100
161	M153B	X	679	679	0	%100
162	M153B	Z	392	392	0	%100
163	M154B	X	679	679	0	%100
164	M154B	Z	392	392	0	%100
165	M159A	X	679	679	0	%100
166	M159A	Z	392	392	0	%100
167	M160A	X	679	679	0	%100
168	M160A	Z	392	392	0	%100
169	M162A	X	-6.327	-6.327	0	%100
170	M162A	Z	-3.653	-3.653	0	%100
171	M167A	X	-1.266	-1.266	0	%100
172	M167A	Z	731	731	0	%100
173	M168A	X	-1.266	-1.266	0	%100
174	M168A	Z	731	731	0	%100
175	M173B	X	-1.266	-1.266	0	%100
176	M173B	Z	731	731	0	%100
177	M174A	X	-1.266	-1.266	0	%100
178	M174A	Z	731	731	0	%100
179	M176A	X	-6.327	-6.327	0	%100
180	M176A	Z	-3.653	-3.653	0	%100
181	M181A	X	091	091	0	%100
182	M181A	Z	052	052	0	%100 %400
183	M182A	X Z	091 052	091 052	0	%100 %100
184 185	M182A M187B	X	052 091	052	0	%100 %100
186	M187B	Z	052	052	0	%100 %100
187	M188	X	091	091	0	%100 %100
188	M188	Z	052	052	0	%100 %100
189	M187C	X	-5.965	-5.965	0	%100 %100
190	M187C	Z	-3.444	-3.444	0	%100 %100
191	M190	X	-5.965	-5.965	0	%100 %100
192	M190	Z	-3.444	-3.444	0	%100 %100
193	M193	X	-5.965	-5.965	0	%100 %100
194	M193	Z	-3.444	-3.444	0	%100 %100
195	M198	X	-7.737	-7.737	0	%100 %100
196	M198	Z	-4.467	-4.467	0	%100 %100
197	M201	X	-7.737	-7.737	0	%100
198	M201	Z	-4.467	-4.467	0	%100 %100
199	M204	X	-7.737	-7.737	0	%100
200	M204	Z	-4.467	-4.467	0	%100
201	M209	X	-2.342	-2.342	0	%100
202	M209	Z	-1.352	-1.352	0	%100
203	M214	X	-2.342	-2.342	0	%100
204	M214	Z	-1.352	-1.352	0	%100
205	M219	X	-9.366	-9.366	0	%100
206	M219	Z	-5.407	-5.407	0	%100
207	M226	X	-3.36	-3.36	0	%100
208	M226	Z	-1.94	-1.94	0	%100
209	M227	X	-3.36	-3.36	0	%100
210	M227	Z	-1.94	-1.94	0	%100
211	M228	X	-13.441	-13.441	0	%100



	Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
212	M228	Z	-7.76	-7.76	0	%100
213	M231	X	305	305	0	%100
214	M231	Ζ	176	176	0	%100
215	M233	X	305	305	0	%100
216	M233	Ζ	176	176	0	%100
217	M237	X	-1.222	-1.222	0	%100
218	M237	Ζ	705	705	0	%100
219	M242	X	-9.631	-9.631	0	%100
220	M242	Ζ	-5.56	-5.56	0	%100
221	M243	X	-9.955	-9.955	0	%100
222	M243	Z	-5.747	-5.747	0	%100
223	M244	X	-10.565	-10.565	0	%100
224	M244	Ζ	-6.1	-6.1	0	%100
225	M251A	X	-10.565	-10.565	0	%100
226	M251A	Z	-6.1	-6.1	0	%100
227	M253	X	-10.565	-10.565	0	%100
228	M253	Ζ	-6.1	-6.1	0	%100
229	M256	X	-13.556	-13.556	0	%100
230	M256	Z	-7.827	-7.827	0	%100
231	M257	X	-13.556	-13.556	0	%100
232	M257	Ζ	-7.827	-7.827	0	%100
233	M258	X	-10.805	-10.805	0	%100
234	M258	Ζ	-6.238	-6.238	0	%100
235	M259	X	-9.631	-9.631	0	%100
236	M259	Ζ	-5.56	-5.56	0	%100
237	M260	X	-9.955	-9.955	0	%100
238	M260	Z	-5.747	-5.747	0	%100
239	M261	X	-10.565	-10.565	0	%100
240	M261	Z	-6.1	-6.1	0	%100
241	M262	Χ	-5.946	-5.946	0	%100
242	M262	Z	-3.433	-3.433	0	%100
243	M263	Χ	-7.241	-7.241	0	%100
244	M263	Z	-4.181	-4.181	0	%100
245	M264	Χ	-10.565	-10.565	0	%100
246	M264	Z	-6.1	-6.1	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	M1	X	-4.212	-4.212	0	%100
2	M1	Ζ	-7.296	-7.296	0	%100
3	M2	X	-3.514	-3.514	0	%100
4	M2	Ζ	-6.086	-6.086	0	%100
5	M3	X	-6.1	-6.1	0	%100
6	M3	Ζ	-10.565	-10.565	0	%100
7	M6	X	-1.881	-1.881	0	%100
8	M6	Ζ	-3.258	-3.258	0	%100
9	M27	X	-5.643	-5.643	0	%100
10	M27	Ζ	-9.773	-9.773	0	%100
11	M33	X	-5.643	-5.643	0	%100
12	M33	Ζ	-9.773	-9.773	0	%100
13	M34	Χ	-14.106	-14.106	0	%100
14	M34	Ζ	-24.433	-24.433	0	%100
15	M35	X	-14.106	-14.106	0	%100
16	M35	Ζ	-24.433	-24.433	0	%100
17	MP1A	X	-4.467	-4.467	0	%100
18	MP1A	Z	-7.737	-7.737	0	%100



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40	Member Label	Direction	Start Magnitude[lb/ft,		_	End Location[ft,%]
19	M147	X	-1.904	-1.904	0	%100
20	M147	Z	-3.297	-3.297	0	%100
21	M148	<u>X</u>	-1.904	-1.904	0	%100
22	M148	Z	-3.297	-3.297	0	%100
23	M103A	X	-4.28	-4.28	0	%100
24	M103A	Z	-7.414	-7.414	0	%100
25	M104A	Χ	-5.669	-5.669	0	%100
26	M104A	Z	-9.819	-9.819	0	%100
27	M101A	Χ	-5.253	-5.253	0	%100
28	M101A	Z	-9.098	-9.098	0	%100
29	M101B	X	-5.669	-5.669	0	%100
30	M101B	Ζ	-9.819	-9.819	0	%100
31	M102A	X	-4.341	-4.341	0	%100
32	M102A	Z	-7.52	-7.52	0	%100
33	M103B	X	-5.669	-5.669	0	%100
34	M103B	Z	-9.819	-9.819	0	%100
35	M104B	X	-5.239	-5.239	0	%100
36	M104B	Z	-9.074	-9.074	0	%100
37	M110B	X	-5.407	-5.407	0	%100
38	M110B	Z	-9.366	-9.366	0	%100
39	M109B	X	-5.643	-5.643	0	%100
40	M109B	Z	-9.773	-9.773	0	%100 %100
41	M110C	X	-5.643	-5.643	0	%100
42	M110C	Z	-9.773	-9.773	0	%100 %100
43	M108A	X	0	0	0	%100
44	M108A	Z	0	0	0	%100 %100
45	M109A	X	0	0	0	%100 %100
46	M109A	Z	0	0	0	%100 %100
47	M112A	X	-5.643	-5.643	0	%100 %100
48	M112A	Z	-9.773	-9.773	0	%100 %100
49	M113A	X	- 9.773 -5.643	- 9.773 -5.643	0	%100 %100
50	M113A	Z	-9.773	-9.773	0	%100 %100
51	M116A	X	-9.773	-9.773 0		%100 %100
52		Z	0	0	0	%100 %100
	M116A		-14.106	-	0	%100 %100
53	M117B	X Z		-14.106		
54	M117B		-24.433	-24.433	0	%100 %400
55	M118A	X	-1.881	-1.881	0	%100 %400
56	M118A	Z	-3.258	-3.258	0	%100 %400
57	M118C	X	-1.881	-1.881	0	%100
58	M118C	Z	-3.258	-3.258	0	%100 %400
59	M122A	X Z	0	0	0	%100 %400
60	M122A		0	0	0	%100
61	M123A	X	0	0	0	%100
62	M123A	Z	0	0	0	%100 %400
63	M124A	X	0	0	0	%100
64	M124A	Z	0	0	0	%100
65	M127A	X	-14.106	-14.106	0	%100
66	M127A	Z	-24.433	-24.433	0	%100
67	M128A	X	-5.643	-5.643	0	%100
68	M128A	Z	-9.773	-9.773	0	%100
69	M129A	X	-5.643	-5.643	0	%100
70	M129A	Z	-9.773	-9.773	0	%100
71	M132A	X	-16.849	-16.849	0	%100
72	M132A	Z	-29.184	-29.184	0	%100
73	M133A	X	-14.054	-14.054	0	%100
74	M133A	Z	-24.343	-24.343	0	%100
75	M136B	X	-7.523	-7.523	0	%100

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	Member Label	Direction		End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
76	M136B	Z	-13.031	-13.031	0	%100
77	M140A	X	-7.523	-7.523	0	%100
78	M140A	Z	-13.031	-13.031	0	%100
79	M142A	X	-7.523	-7.523	0	%100
80	M142A	Z	-13.031	-13.031	0	%100
81	M144A	X	-4.212	-4.212	0	%100
82	M144A	Z	-7.296	-7.296	0	%100
83	M145B	X	-3.514	-3.514	0	%100 %100
84	M145B	Z	-6.086	-6.086	0	%100 %100
85	M148A	X			0	%100 %100
	M148A	Z	-1.881	-1.881		
86			-3.258	-3.258	0	%100
87	M152	X	-1.881	-1.881	0	%100
88	M152	Z	-3.258	-3.258	0	%100
89	M154	X	-1.881	-1.881	0	%100
90	M154	Z	-3.258	-3.258	0	%100
91	M152A	X	-5.407	-5.407	0	%100
92	M152A	Z	-9.366	-9.366	0	%100
93	M153A	X	-5.407	-5.407	0	%100
94	M153A	Z	-9.366	-9.366	0	%100
95	M156	X	-6.184	-6.184	0	%100
96	M156	Z	-10.712	-10.712	0	%100
97	M160	X	-7.615	-7.615	0	%100
98	M160	Z	-13.189	-13.189	0	%100
99	M161	X	-7.615	-7.615	0	%100
100	M161	Z	-13.189	-13.189	0	%100 %100
101	M164	X	0	0	0	%100 %100
102	M164	Z	0	0	0	%100 %100
			Ţ	-1.904		%100 %100
103	M169	X	-1.904		0	
104	M169	Z	-3.297	-3.297	0	%100
105	M170	X	-1.904	-1.904	0	%100
106	M170	Z	-3.297	-3.297	0	%100
107	M173	X	-6.184	-6.184	0	%100
108	M173	Z	-10.712	-10.712	0	%100
109	M173A	X	-3.015	-3.015	0	%100
110	M173A	Z	-5.222	-5.222	0	%100
111	M174	X	-5.669	-5.669	0	%100
112	M174	Z	-9.819	-9.819	0	%100
113	M175	X	-2.203	-2.203	0	%100
114	M175	Z	-3.816	-3.816	0	%100
115	M176	X	-5.669	-5.669	0	%100
116	M176	Z	-9.819	-9.819	0	%100
117	M177	X	-3.259	-3.259	0	%100
118	M177	Z	-5.645	-5.645	0	%100 %100
119	M178		-5.669	-5.669	0	%100 %100
120	M178	X Z	-9.819	-9.819	0	%100 %100
121	M179	X	-2.147	-9.019 -2.147	0	%100 %100
122		Z			0	%100 %100
	M179		-3.719	-3.719		
123	M180	X	-4.28	-4.28	0	%100
124	M180	Z	-7.414	-7.414	0	%100
125	M181	X	-5.669	-5.669	0	%100
126	M181	Z	-9.819	-9.819	0	%100
127	M182	X	-5.253	-5.253	0	%100
128	M182	Z	-9.098	-9.098	0	%100
129	M183	X Z	-5.669	-5.669	0	%100
130	M183		-9.819	-9.819	0	%100
131	M184	Χ	-4.341	-4.341	0	%100
132	M184	Z	-7.52	-7.52	0	%100
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	Member Label	Direction	Start Magnitude[lb/ft,	.End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
133	M185	X	-5.669	-5.669	0	%100
134	M185	Z	-9.819	-9.819	0	%100
135	M186	X	-5.239	-5.239	0	%100
136	M186	Z	-9.074	-9.074	0	%100
137	MP2A	X	-4.467	-4.467	0	%100
138	MP2A	Z	-7.737	-7.737	0	%100
139	MP3A	X	-4.467	-4.467	0	%100
140	MP3A	Z	-7.737	-7.737	0	%100
141	MP4A	X	-4.467	-4.467	0	%100
142	MP4A	Z	-7.737	-7.737	0	%100
143	MP1C	X	-4.467	-4.467	0	%100
144	MP1C	Z	-7.737	-7.737	0	%100
145	MP2C	X	-4.467	-4.467	0	%100
146	MP2C	Z	-7.737	-7.737	0	%100
147	MP3C	X	-4.467	-4.467	0	%100
148	MP3C	Z	-7.737	-7.737	0	%100
149	MP4C	X	-4.467	-4.467	0	%100
150	MP4C	Z	-7.737	-7.737	0	%100
151	MP1B	X	-4.467	-4.467	0	%100
152	MP1B	Z	-7.737	-7.737	0	%100
153	MP2B	Х	-4.467	-4.467	0	%100
154	MP2B	Z	-7.737	-7.737	0	%100
155	MP3B	X	-4.467	-4.467	0	%100
156	MP3B	Z	-7.737	-7.737	0	%100
157	MP4B	Х	-4.467	-4.467	0	%100
158	MP4B	Z	-7.737	-7.737	0	%100
159	M148B	X	-3.653	-3.653	0	%100
160	M148B	Z	-6.327	-6.327	0	%100
161	M153B	X	052	052	0	%100
162	M153B	Z	091	091	0	%100
163	M154B	Х	052	052	0	%100
164	M154B	Z	091	091	0	%100
165	M159A	X	052	052	0	%100
166	M159A	Z	091	091	0	%100
167	M160A	X	052	052	0	%100
168	M160A	Z	091	091	0	%100
169	M162A	X	-3.653	-3.653	0	%100
170	M162A	Z	-6.327	-6.327	0	%100
171	M167A	X	731	731	0	%100
172	M167A	Z	-1.266	-1.266	0	%100
173	M168A	X	731	731	0	%100
174	M168A	Z	-1.266	-1.266	0	%100
175	M173B	X	731	731	0	%100
176	M173B	Z	-1.266	-1.266	0	%100
177	M174A	X	731	731	0	%100
178	M174A	Z	-1.266	-1.266	0	%100
179	M176A	X	-3.653	-3.653	0	%100
180	M176A	Z	-6.327	-6.327	0	%100
181	M181A	X	392	392	0	%100
182	M181A	Z	679	679	0	%100
183	M182A	X	392	392	0	%100
184	M182A	Z	679	679	0	%100
185	M187B	X	392	392	0	%100
186	M187B	Z	679	679	0	%100 %100
187	M188	X	392	392	0	%100 %100
188	M188	Z	679	679	0	%100 %100
189	M187C	X	-3.444	-3.444	0	%100

	Member Label	Direction	Start Magnitude[lb/ft,.	End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
190	M187C	Z	-5.965	-5.965	0	%100
191	M190	X	-3.444	-3.444	0	%100
192	M190	Z	-5.965	-5.965	0	%100
193	M193	X	-3.444	-3.444	0	%100
194	M193	Z	-5.965	-5.965	0	%100
195	M198	X	-4.467	-4.467	0	%100
196	M198	Z	-7.737	-7.737	0	%100
197	M201	X	-4.467	-4.467	0	%100
198	M201	Z	-7.737	-7.737	0	%100
199	M204	X	-4.467	-4.467	0	%100
200	M204	Z	-7.737	-7.737	0	%100
201	M209	X	-4.056	-4.056	0	%100
202	M209	Z	-7.025	-7.025	0	%100
203	M214	X	0	0	0	%100
204	M214	Z	0	0	0	%100
205	M219	X	-4.056	-4.056	0	%100
206	M219	Z	-7.025	-7.025	0	%100
207	M226	X	-5.82	-5.82	0	%100
208	M226	Z	-10.081	-10.081	0	%100
209	M227	X	0	0	0	%100
210	M227	Z	0	0	0	%100
211	M228	X	-5.82	-5.82	0	%100
212	M228	Z	-10.081	-10.081	0	%100
213	M231	X	529	529	0	%100
214	M231	Z	916	916	0	%100
215	M233	X	0	0	0	%100
216	M233	Z	0	0	0	%100
217	M237	X	529	529	0	%100
218	M237	Z	916	916	0	%100
219	M242	X	-4.142	-4.142	0	%100
220	M242	Z	-7.174	-7.174	0	%100
221	M243	X	-4.703	-4.703	0	%100
222	M243	Z	-8.145	-8.145	0	%100
223	M244	X	-6.1	-6.1	0	%100
224	M244	Z	-10.565	-10.565	0	%100
225	M251A	X	-6.1	-6.1	0	%100
226	M251A	Z	-10.565	-10.565	0	%100
227	M253	X	-6.1	-6.1	0	%100
228	M253	Z	-10.565	-10.565	0	%100
229	M256	X	-6.768	-6.768	0	%100
230	<u>M256</u>	Z	-11.722	-11.722	0	%100
231	<u>M257</u>	X	-8.356	-8.356	0	%100
232	M257	Z	-14.473	-14.473	0	%100
233	M258	X	-6.768	-6.768	0	%100
234	M258	Z	-11.722	-11.722	0	%100
235	M259	X	-6.27	-6.27	0	%100
236	M259	Z	-10.859	-10.859	0	%100
237	M260	X	-6.27	-6.27	0	%100
238	M260	Z	-10.859	-10.859	0	%100
239	<u>M261</u>	X	-6.1	-6.1	0	%100
240	<u>M261</u>	Z	-10.565	-10.565	0	%100
241	M262	X	-4.142	-4.142	0	%100
242	M262	Z	-7.174	-7.174	0	%100
243	M263	X	-4.703	-4.703	0	%100
244	M263	Z	-8.145	-8.145	0	%100
245	M264	X	-6.1	-6.1	0	%100
246	M264	Z	-10.565	-10.565	0	%100

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

	oci Distributca Eot					
	Member Label	Direction		End Magnitude[lb/ft,F		End Location[ft,%]
1	<u>M1</u>	X	0	0	0	%100
2	<u>M1</u>	Z	0	0	0	%100
3	<u>M2</u>	X	0	0	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	0	0	0	%100
6	M3	Z	-3.228	-3.228	0	%100
7	<u>M6</u>	X	0	0	0	%100
8	M6	Z	0	0	0	%100
9	M27	X	0	0	0	%100
10	M27	Z	-3.237	-3.237	0	%100
11	M33	X	0	0	0	%100
12	M33	Z	-3.237	-3.237	0	%100
13	M34	Х	0	0	0	%100
14	M34	Z	-7.425	-7.425	0	%100
15	M35	Х	0	0	0	%100
16	M35	Z	-7.425	-7.425	0	%100
17	MP1A	X	0	0	0	%100
18	MP1A	Z	-2.836	-2.836	0	%100
19	M147	X	0	0	0	%100 %100
20	M147	Z	0	0	0	%100 %100
21	M148	X	0	0	0	%100 %100
22	M148	Z	0	0	0	%100 %100
23	M103A	X	0	0	0	%100 %100
24	M103A	Z	-2.879	-2.879	0	%100 %100
25	M104A	X	0	0	0	%100 %100
26	M104A	Z	-2.998	-2.998	0	%100 %100
27	M101A	X	-2.990	-2.990	0	%100 %100
28	M101A	Z	-3.388	-3.388	0	%100 %100
29	M101B	X	-3.300	-3.366	0	%100 %100
30	M101B M101B	Z	-2.998	-2.998	0	%100 %100
		X				
31	M102A	Z	0	0	0	%100 %400
32	M102A		-2.855	-2.855	0	%100 %400
33	M103B	X	0	0	0	%100 %400
34	M103B	Z	-2.998	-2.998	0	%100
35	M104B	X	0	0	0	%100
36	M104B	Z	-3.397	-3.397	0	%100
37	M110B	X	0	0	0	%100
38	M110B	Z	-3.137	-3.137	0	%100
39	M109B	X	0	0	0	%100
40	M109B	Z	-3.237	-3.237	0	%100
41	M110C	X	0	0	0	%100
42	M110C	Z	-3.237	-3.237	0	%100
43	M108A	X	0	0	0	%100
44	M108A	Z	809	809	0	%100
45	M109A	X	0	0	0	%100
46	M109A	Z	809	809	0	%100
47	M112A	X	0	0	0	%100
48	M112A	Z	809	809	0	%100
49	M113A	X	0	0	0	%100
50	M113A	Z	809	809	0	%100
51	M116A	X	0	0	0	%100
52	M116A	Z	-1.856	-1.856	0	%100
53	M117B	X	0	0	0	%100
54	M117B	Z	-1.856	-1.856	0	%100
55	M118A	X	0	0	0	%100
56	M118A	Z	0	0	0	%100
57	M118C	X	0	0	0	%100



			O di de di de di di			
F 0	Member Label	Direction		End Magnitude[lb/ft,F	_	End Location[ft,%]
58	M118C	<u>Z</u>	0	0	0	%100 %100
59	M122A	X	0	0	0	%100
60	M122A	Z	-1.856	-1.856	0	<u>%100</u>
61	M123A	<u>X</u>	0	0	0	%100
62	M123A	Z	809	809	0	%100
63	M124A	X	0	0	0	%100
64	M124A	Z	809	809	0	%100
65	M127A	X	0	0	0	%100
66	M127A	Z	-1.856	-1.856	0	%100
67	M128A	X	0	0	0	%100
68	M128A	Z	809	809	0	%100
69	M129A	X	0	0	0	%100
70	M129A	Z	809	809	0	%100
71	M132A	X	0	0	0	%100
72	M132A	Z	-5.099	-5.099	0	%100
73	M133A	Χ	0	0	0	%100
74	M133A	Z	-4.428	-4.428	0	%100
75	M136B	Χ	0	0	0	%100
76	M136B	Z	-2.422	-2.422	0	%100
77	M140A	X	0	0	0	%100
78	M140A	Z	-2.422	-2.422	0	%100
79	M142A	X	0	0	0	%100
80	M142A	Z	-2.422	-2.422	0	%100 %100
81	M144A	X	0	0	0	%100
82	M144A	Z	-5.099	-5.099	0	%100 %100
83	M145B	X	0	0	0	%100 %100
84	M145B	Z	-4.428	-4.428	0	%100 %100
85	M148A	X	0	0	0	%100 %100
86	M148A	Z	-2.422	-2.422	0	%100 %100
87	M152	X	0	0	0	%100 %100
88	M152	Z	-2.422	-2.422	0	%100 %100
89	M154	X	-2.422	0	0	%100 %100
90	M154	Z	-2.422	-2.422		%100 %100
91				-2.422	0	
92	M152A M152A	X 	-3.137	-3.137	0	%100 %100
93	M153A	X 	0	0	0	%100 %400
	M153A		-3.137	-3.137		%100 %400
95	M156	X	0	0	0	%100 %400
96	M156	Z	-3.983	-3.983	0	%100 %400
97	M160	X 7	0	0 725	0	%100 %400
98	M160	<u>Z</u>	-2.735	-2.735	0	%100 %400
99	M161	X	0	0	0	%100
100	M161	<u>Z</u>	-2.735	-2.735	0	%100 %400
101	M164	X	0	0	0	%100
102	M164	Z	996	996	0	%100
103	M169	X	0	0	0	%100
104	M169	Z	-2.735	-2.735	0	%100
105	M170	X	0	0	0	%100
106	M170	Z	-2.735	-2.735	0	%100
107	M173	X	0	0	0	%100
108	M173	Z	996	996	0	%100
109	M173A	X	0	0	0	%100
110	M173A	Z	-1.939	-1.939	0	%100
111	M174	X	0	0	0	%100
112	M174	Z	-2.998	-2.998	0	%100
113	M175	X	0	0	0	%100
114	M175	Z	-1.862	-1.862	0	%100

	Member Label	Direction	Start Magnitude[lb/ft,	.End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
115	M176	X	0	0	0	%100
116	M176	Z	-2.998	-2.998	0	%100
117	M177	X	0	0	0	%100
118	M177	Z	-2.023	-2.023	0	%100
119	M178	X	0	0	0	%100
120	M178	Z	-2.998	-2.998	0	%100
121	M179	X	0	0	0	%100
122	M179	Z	-1.841	-1.841	0	%100
123	M180	X	0	0	0	%100
124	M180	Z	-1.939	-1.939	0	%100
125	M181	X	0	0	0	%100
126	M181	Z	-2.998	-2.998	0	%100
127	M182	X	0	0	0	%100
128	M182	Z	-1.862	-1.862	0	%100
129	M183	X	0	0	0	%100
130	M183	Z	-2.998	-2.998	0	%100
131	M184	X	0	0	0	%100
132	M184	Z	-2.023	-2.023	0	%100
133	M185	X	0	0	0	%100
134	M185	Z	-2.998	-2.998	0	%100
135	M186	X	0	0	0	%100
136	M186	Z	-1.841	-1.841	0	%100
137	MP2A	X	0	0	0	%100
138	MP2A	Z	-2.836	-2.836	0	%100
139	MP3A	X	0	0	0	%100
140	MP3A	Z	-2.836	-2.836	0	%100
141	MP4A	X	0	0	0	%100
142	MP4A	Z	-2.836	-2.836	0	%100
143	MP1C	X	0	0	0	%100
144	MP1C	Z	-2.836	-2.836	0	%100
145	MP2C	X	0	0	0	%100
146	MP2C	Z	-2.836	-2.836	0	%100
147	MP3C	X	0	0	0	%100
148	MP3C	Z	-2.836	-2.836	0	%100
149	MP4C	X	0	0	0	%100
150	MP4C	Z	-2.836	-2.836	0	%100
151	MP1B	X	0	0	0	%100
152	MP1B	Z	-2.836	-2.836	0	<u>%100</u>
153	MP2B	X	0	0	0	%100
154	MP2B	Z	-2.836	-2.836	0	%100
155	MP3B	X	0	0	0	%100
156	MP3B	Z	-2.836	-2.836	0	%100 %400
157	MP4B	X	0	0	0	%100
158	MP4B	Z	-2.836	-2.836	0	%100 %400
159	M148B	X	0	0	0	%100
160	M148B	Z	-2.326	-2.326	0	%100 %400
161	M153B	X	0	0	0	%100 %400
162	M153B	Z	073	073	0	%100 %400
163	M154B	X	0	0	0	%100 %400
164	M154B	Z	073	073	0	%100 %400
165	M159A	X	0	0	0	%100 %400
166	M159A	Z	073	073	0	%100 %400
167	M160A	X Z	073	0	0	%100 %100
168	M160A	X		073		%100 %100
169 170	M162A	Z	-2.326	-2.326	0	%100 %100
	M162A					
171	M167A	X	0	0	0	<u>%100</u>



			. Ottactare III			
470	Member Label	Direction	Start Magnitude[lb/ft,			End Location[ft,%]
172	M167A	Z	548	548	0	%100
173	M168A	X	0	0	0	%100
174	M168A	Z	548	548	0	%100
175	M173B	X	0	0	0	%100
176	M173B	Z	548	548	0	%100
177	M174A	X	0	0	0	%100
178	M174A	Z	548	548	0	%100
179	M176A	X	0	0	0	%100
180	M176A	Z	-2.326	-2.326	0	%100
181	M181A	X	0	0	0	%100
182	M181A	Z	-1.022	-1.022	0	%100
183	M182A	Χ	0	0	0	%100
184	M182A	Z	-1.022	-1.022	0	%100
185	M187B	X	0	0	0	%100
186	M187B	Z	-1.022	-1.022	0	%100
187	M188	X	0	0	0	%100
188	M188	Z	-1.022	-1.022	0	%100
189	M187C	X	0	0	0	%100
190	M187C	Z	-2.192	-2.192	0	%100
191	M190	Χ	0	0	0	%100
192	M190	Z	-2.192	-2.192	0	%100
193	M193	Χ	0	0	0	%100
194	M193	Z	-2.192	-2.192	0	%100
195	M198	X	0	0	0	%100
196	M198	Z	-2.836	-2.836	0	%100
197	M201	Χ	0	0	0	%100
198	M201	Z	-2.836	-2.836	0	%100
199	M204	X	0	0	0	%100
200	M204	Z	-2.836	-2.836	0	%100
201	M209	X	0	0	0	%100
202	M209	Z	-3.137	-3.137	0	%100
203	M214	X	0	0	0	%100
204	M214	Z	784	784	0	%100
205	M219	X	0	0	0	%100
206	M219	Z	784	784	0	%100
207	M226	X	0	0	0	%100
208	M226	Z	-3.724	-3.724	0	%100
209	M227	X	0	0	0	%100
210	M227	Z	931	931	0	%100
211	M228	X	0	0	0	%100
212	M228	Z	931	931	0	%100
213	M231	X	0	0	0	%100
214	M231	Z	-1.115	-1.115	0	%100
215	M233	X	0	0	0	%100
216	M233	Z	279	279	0	%100
217	M237	X	0	0	0	%100
218	M237	Z	279	279	0	%100
219	M242	<u>X</u>	0	0	0	%100
220	M242	Z	-1.869	-1.869	0	%100
221	M243	X	0	0	0	%100
222	M243	Z	-2.267	-2.267	0	%100
223	M244	X	0	0	0	%100
224	M244	Z	-3.228	-3.228	0	%100
225	M251A	X	0	0	0	%100
226	M251A	Z	-3.228	-3.228	0	%100
227	M253	<u> </u>	0	0	0	%100
228	M253	Z	-3.228	-3.228	0	%100

	Member Label	Direction	Start Magnitude[lb/ft,	.End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
229	M256	X	0	0	0	%100
230	M256	Ζ	-2.583	-2.583	0	%100
231	M257	X	0	0	0	%100
232	M257	Z	-3.677	-3.677	0	%100
233	M258	X	0	0	0	%100
234	M258	Ζ	-3.677	-3.677	0	%100
235	M259	X	0	0	0	%100
236	M259	Ζ	-3.027	-3.027	0	%100
237	M260	X	0	0	0	%100
238	M260	Ζ	-3.117	-3.117	0	%100
239	M261	X	0	0	0	%100
240	M261	Ζ	-3.228	-3.228	0	%100
241	M262	X	0	0	0	%100
242	M262	Z	-3.027	-3.027	0	%100
243	M263	X	0	0	0	%100
244	M263	Ζ	-3.117	-3.117	0	%100
245	M264	X	0	0	0	%100
246	M264	Z	-3.228	-3.228	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.85	.85	0	%100
2	M1	Z	-1.472	-1.472	0	%100
3	M2	X	.738	.738	0	%100
4	M2	Ζ	-1.278	-1.278	0	%100
5	M3	Χ	1.614	1.614	0	%100
6	M3	Z	-2.796	-2.796	0	%100
7	M6	X	.404	.404	0	%100
8	M6	Z	699	699	0	%100
9	M27	Χ	1.214	1.214	0	%100
10	M27	Z	-2.103	-2.103	0	%100
11	M33	Χ	1.214	1.214	0	%100
12	M33	Z	-2.103	-2.103	0	%100
13	M34	Χ	2.784	2.784	0	%100
14	M34	Z	-4.823	-4.823	0	%100
15	M35	X	2.784	2.784	0	%100
16	M35	Z	-4.823	-4.823	0	%100
17	MP1A	X	1.418	1.418	0	%100
18	MP1A	Z	-2.456	-2.456	0	%100
19	M147	Χ	.456	.456	0	%100
20	M147	Ζ	789	789	0	%100
21	M148	X	.456	.456	0	%100
22	M148	Z	789	789	0	%100
23	M103A	X	1.283	1.283	0	%100
24	M103A	Z	-2.222	-2.222	0	%100
25	M104A	X	1.499	1.499	0	%100
26	M104A	Z	-2.597	-2.597	0	%100
27	M101A	X	1.44	1.44	0	%100
28	M101A	Z	-2.494	-2.494	0	%100
29	M101B	Χ	1.499	1.499	0	%100
30	M101B	Z	-2.597	-2.597	0	%100
31	M102A	X	1.289	1.289	0	%100
32	M102A	Z	-2.232	-2.232	0	%100
33	M103B	Χ	1.499	1.499	0	%100
34	M103B	Z	-2.597	-2.597	0	%100
35	M104B	Χ	1.439	1.439	0	%100



	Member Label	Direction	Start Magnitude[lb/ft,.	End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
36	M104B	Z	-2.492	-2.492	0	%100
37	M110B	X	1.568	1.568	0	%100
38	M110B	Z	-2.717	-2.717	0	%100
39	M109B	X	1.214	1.214	0	%100
40	M109B	Z	-2.103	-2.103	0	%100
41	M110C	X	1.214	1.214	0	%100
42	M110C	Z	-2.103	-2.103	0	%100
43	M108A	X	1.214	1.214	0	%100
44	M108A	Z	-2.103	-2.103	0	%100
45	M109A	X	1.214	1.214	0	%100
46	M109A	Z	-2.103	-2.103	0	%100
47	M112A	X	0	0	0	%100
48	M112A	Z	0	0	0	%100
49	M113A	X	0	0	0	%100
50	M113A	Z	0	0	0	%100
51	M116A	X	2.784	2.784	0	%100
52	M116A	Z	-4.823	-4.823	0	%100
53	M117B	X	0	0	0	%100
54	M117B	Z	0	0	0	%100
55	M118A	X	.404	.404	0	%100
56	M118A	Z	699	699	0	%100
57	M118C	X	.404	.404	0	%100
58	M118C	Z	699	699	0	%100
59	M122A	X	2.784	2.784	0	%100
60	M122A	Z	-4.823	-4.823	0	%100
61	M123A	X	1.214	1.214	0	%100
62	M123A	Z	-2.103	-2.103	0	%100
63	M124A	X	1.214	1.214	0	%100
64	M124A	Z	-2.103	-2.103	0	%100
65	M127A	X	0	0	0	%100
66	M127A	Z	0	0	0	%100
67	M128A	X	0	0	0	%100
68	M128A	Z	0	0	0	%100
69	M129A	X	0	0	0	%100
70	M129A	Z	0	0	0	%100
71	M132A	X	.85	.85	0	%100
72	M132A	Z	-1.472	-1.472	0	%100
73	M133A	X	.738	.738	0	%100
74	M133A	Z	-1.278	-1.278	0	%100
75	M136B	X	.404	.404	0	%100
76	M136B	Z	699	699	0	%100
77	M140A	X	.404	.404	0	%100 %400
78	M140A	Z	699	699	0	%100 %400
79	M142A	X	.404	.404	0	%100 %400
80	M142A	Z	699	699	0	%100 %400
81	M144A	X	3.399	3.399	0	%100 %400
82	M144A	Z	-5.888	-5.888	0	%100 %400
83	M145B	X Z	2.952	2.952	0	%100 %400
84	M145B		-5.113 1.615	-5.113	0	%100 %100
85	M148A	X Z	1.615 -2.797	1.615	0	%100 %100
86	M148A			-2.797	0	%100 %400
87	M152	X	1.615	1.615	0	%100 %400
88 89	M152	Z	-2.797 1.615	-2.797 1.615	0	%100 %100
	M154 M154	X Z	1.615	1.615 -2.797	0	%100 %100
90			-2.797		0	%100 %100
91	M152A	X	1.568	1.568		
92	M152A	Z	-2.717	-2.717	0	%100

	Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
93	M153A	X	1.568	1.568	0	%100
94	M153A	Z	-2.717	-2.717	0	%100
95	M156	X	1.494	1.494	0	%100
96	M156	Z	-2.587	-2.587	0	%100
97	M160	X	.456	.456	0	%100
98	M160	Z	789	789	0	%100
99	M161	X	.456	.456	0	%100
100	M161	Z	789	789	0	%100
101	M164	X	1.494	1.494	0	%100
102	M164	Z	-2.587	-2.587	0	%100
103	M169	X	1.823	1.823	0	%100
104	M169	Z	-3.158	-3.158	0	%100
105	M170	X	1.823	1.823	0	%100
106	M170	Z	-3.158	-3.158	0	%100
107	M173	X	0	0	0	%100
108	M173	Z	0	0	0	%100
109	M173A	X	1.283	1.283	0	%100
110	M173A	Z	-2.222	-2.222	0	%100
111	M174	X	1.499	1.499	0	%100
112	M174	Z	-2.597	-2.597	0	%100
113	M175	X	1.44	1.44	0	%100
114	M175	Z	-2.494	-2.494	0	%100
115	M176	X	1.499	1.499	0	%100
116	M176	Z	-2.597	-2.597	0	%100
117	M177	X	1.289	1.289	0	%100
118	M177	Z	-2.232	-2.232	0	%100
119	<u>M178</u>	X	1.499	1.499	0	%100
120	M178	Z	-2.597	-2.597	0	%100
121	M179	X	1.439	1.439	0	%100
122	M179	Z	-2.492	-2.492	0	%100
123	M180	X	.813	.813	0	%100
124	M180	Z	-1.408	-1.408	0	%100
125	M181	X	1.499	1.499	0	%100
126	M181	Z	-2.597	-2.597	0	%100
127	M182	X	.676	.676	0	%100
128	M182	Z	-1.172	-1.172	0	%100
129	M183	X	1.499	1.499	0	%100
130	M183	Z	-2.597	-2.597	0	%100
131	M184	X	.873	.873	0	%100
132	M184	Z	-1.511	-1.511	0	%100 %100
133	M185	X	1.499	1.499	0	%100 %400
134	M185	Z	-2.597	<u>-2.597</u>	0	%100 %100
135 136	M186 M186	X Z	.661 -1.145	.661 -1.145	0	%100 %100
137	MP2A	X	1.418	1.418	0	%100 %100
138	MP2A MP2A	Z	-2.456	-2.456	0	%100 %100
139	MP3A		1.418	1.418		%100 %100
140	MP3A	X Z	-2.456	-2.456	0	%100 %100
141	MP4A	X	1.418	1.418	0	%100 %100
141	MP4A	Z	-2.456	-2.456	0	%100 %100
143	MP1C	X	1.418	1.418	0	%100 %100
144	MP1C MP1C	Z	-2.456	-2.456	0	%100 %100
144	MP2C	X	1.418	1.418	0	%100 %100
145	MP2C MP2C	Z	-2.456	-2.456	0	%100 %100
147	MP3C	X	1.418	1.418	0	%100 %100
148	MP3C	Z	-2.456	-2.456	0	%100 %100
149	MP4C	X	1.418	1.418		%100 %100
149	IVIF4U		1.410	1.410	0	70 100

	Member Label	Direction	Start Magnitude[lb/ft,.	End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
150	MP4C	Z	-2.456	-2.456	0	%100
151	MP1B	X	1.418	1.418	0	%100
152	MP1B	Z	-2.456	-2.456	0	%100
153	MP2B	X	1.418	1.418	0	%100
154	MP2B	Z	-2.456	-2.456	0	%100
155	MP3B	X	1.418	1.418	0	%100
156	MP3B	Z	-2.456	-2.456	0	%100
157	MP4B	X	1.418	1.418	0	%100
158	MP4B	Z	-2.456	-2.456	0	%100
159	M148B	X	1.163	1.163	0	%100
160	M148B	Z	-2.014	-2.014	0	%100
161	M153B	X	.274	.274	0	%100
162	M153B	Z	474	474	0	%100
163	M154B	X	.274	.274	0	%100
164	M154B	Z	474	474	0	%100
165	M159A	X	.274	.274	0	%100
166	M159A	Z	474	474	0	%100
167	M160A	X	.274	.274	0	%100
168	M160A	Z	474	474	0	%100
169	M162A	X	1.163	1.163	0	%100
170	M162A	Z	-2.014	-2.014	0	%100
171	<u>M167A</u>	X	.037	.037	0	%100
172	M167A	Z	064	064	0	%100
173	M168A	X	.037	.037	0	%100
174	M168A	Z	064	064	0	%100
175	M173B	X	.037	.037	0	%100
176	M173B	Z	064	064	0	%100
177	M174A	X	.037	.037	0	%100
178	M174A	Z	064	064	0	%100
179	M176A	X	1.163	1.163	0	%100
180	M176A	Z	-2.014	-2.014	0	%100
181	M181A	X	.511	.511	0	%100
182	M181A	Z	885	885	0	%100
183	M182A	X	.511	.511	0	%100
184	M182A	Z	885	885	0	%100
185	M187B	X	.511	.511	0	%100
186	M187B	Z	885	885	0	%100
187	M188	X	.511	.511	0	%100
188	M188	Z	885	885	0	%100
189	M187C	X	1.096	1.096	0	%100 %100
190	M187C M190	Z	-1.898	-1.898	0	%100 %100
191		X Z	1.096	1.096	0	%100 %100
192 193	M190 M193	X	-1.898 1.096	-1.898 1.096	0	%100 %100
193	M193 M193	Z	-1.898	-1.898	0	%100 %100
194	M198	X	1.418	1.418	0	%100 %100
196	M198	Z	-2.456	-2.456	0	%100 %100
197	M201	X	1.418	1.418	0	%100 %100
198	M201	Z	-2.456	-2.456	0	%100 %100
199	M204	X	1.418	1.418	0	%100 %100
200	M204	Z	-2.456	-2.456	0	%100 %100
201	M209		1.176	1.176	0	%100 %100
202	M209 M209	X Z	-2.037	-2.037	0	%100 %100
202	M214	X	1.176	1.176	0	%100 %100
203	M214	Z	-2.037	-2.037	0	%100 %100
205	M219	X	-2.03 <i>1</i>	-2.037	0	%100 %100
206	M219	Z			0	%100 %100
200	IVIZ 19		0	0	U	70 100



	Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
207	M226	X	1.396	1.396	0	%100
208	M226	Z	-2.419	-2.419	0	%100
209	M227	X	1.396	1.396	0	%100
210	M227	Z	-2.419	-2.419	0	%100
211	M228	X	0	0	0	%100
212	M228	Z	0	0	0	%100
213	M231	X	.418	.418	0	%100
214	M231	Z	724	724	0	%100
215	M233	X	.418	.418	0	%100
216	M233	Z	724	724	0	%100
217	M237	X	0	0	0	%100
218	M237	Z	0	0	0	%100
219	M242	X	1.127	1.127	0	%100
220	M242	Z	-1.953	-1.953	0	%100
221	M243	X	1.275	1.275	0	%100
222	M243	Z	-2.208	-2.208	0	%100
223	M244	Х	1.614	1.614	0	%100
224	M244	Z	-2.796	-2.796	0	%100
225	M251A	X	1.614	1.614	0	%100
226	M251A	Z	-2.796	-2.796	0	%100
227	M253	Х	1.614	1.614	0	%100
228	M253	Z	-2.796	-2.796	0	%100
229	M256	Х	1.474	1.474	0	%100
230	M256	Z	-2.553	-2.553	0	%100
231	M257	X	1.474	1.474	0	%100
232	M257	Z	-2.553	-2.553	0	%100
233	M258	X	2.021	2.021	0	%100
234	M258	Z	-3.5	-3.5	0	%100
235	M259	X	1.127	1.127	0	%100
236	M259	Z	-1.953	-1.953	0	%100
237	M260	X	1.275	1.275	0	%100
238	M260	Z	-2.208	-2.208	0	%100
239	M261	Χ	1.614	1.614	0	%100
240	M261	Z	-2.796	-2.796	0	%100
241	M262	X	1.706	1.706	0	%100
242	M262	Z	-2.956	-2.956	0	%100
243	M263	Χ	1.7	1.7	0	%100
244	M263	Z	-2.944	-2.944	0	%100
245	M264	X	1.614	1.614	0	%100
246	M264	Z	-2.796	-2.796	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
1	M1	X	4.416	4.416	0	%100
2	M1	Ζ	-2.549	-2.549	0	%100
3	M2	X	3.835	3.835	0	%100
4	M2	Z	-2.214	-2.214	0	%100
5	M3	X	2.796	2.796	0	%100
6	M3	Ζ	-1.614	-1.614	0	%100
7	M6	Χ	2.098	2.098	0	%100
8	M6	Ζ	-1.211	-1.211	0	%100
9	M27	X	.701	.701	0	%100
10	M27	Z	405	405	0	%100
11	M33	X	.701	.701	0	%100
12	M33	Z	405	405	0	%100
13	M34	Χ	1.608	1.608	0	%100



	Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
14	M34	Z	928	928	0	%100
15	M35	X	1.608	1.608	0	%100
16	M35	Z	928	928	0	%100
17	MP1A	X	2.456	2.456	0	%100
18	MP1A	Z	-1.418	-1.418	0	%100
19	M147	X	2.368	2.368	0	%100
20	M147	Z	-1.367	-1.367	0	%100
21	M148	X	2.368	2.368	0	%100
22	M148	Z	-1.367	-1.367	0	%100
23	M103A	X	1.679	1.679	0	%100
24	M103A	Z	969	969	0	%100
25	M104A	X	2.597	2.597	0	%100
26	M104A	Z	-1.499	-1.499	0	%100
27	M101A	X	1.612	1.612	0	%100
28	M101A	Z	931	931	0	%100
29	M101B	X	2.597	2.597	0	%100
30	M101B	Z	-1.499	-1.499	0	%100
31	M102A	X	1.752	1.752	0	%100
32	M102A	Z	-1.011	-1.011	0	%100
33	M103B	X	2.597	2.597	0	%100
34	M103B	Z	-1.499	-1.499	0	%100
35	M104B	X	1.594	1.594	0	%100
36	M104B	Z	92	92	0	%100
37	M110B	X	2.717	2.717	0	%100
38	M110B	Z	-1.568	-1.568	0	%100
39	M109B	X	.701	.701	0	%100
40	M109B	Z	405	405	0	%100
41	M110C	X	.701	.701	0	%100
42	M110C	Z	405	405	0	%100
43	M108A	X	2.804	2.804	0	%100
44	M108A	Z	-1.619	-1.619	0	%100
45	M109A	X	2.804	2.804	0	%100
46	M109A	Z	-1.619	-1.619	0	%100
47	M112A	X	.701	.701	0	%100
48	M112A	Z	405	405	0	%100
49	M113A	X	.701	.701	0	%100
50	M113A	Z	405	405	0	%100
51	M116A	X	6.43	6.43	0	%100
52	M116A	Z	-3.713	-3.713	0	%100
53	M117B	X	1.608	1.608	0	%100
54	M117B	Z	928	928	0	%100
55	M118A	X	2.098	2.098	0	%100
56	M118A	Z	-1.211	-1.211	0	%100
57	M118C	X	2.098	2.098	0	%100
58	M118C	Z	-1.211	-1.211	0	%100
59	M122A	X	6.43	6.43	0	%100
60	M122A	Z	-3.713	-3.713	0	%100
61	M123A	X	2.804	2.804	0	%100
62	M123A	Z	-1.619	-1.619	0	%100
63	M124A	X	2.804	2.804	0	%100
64	M124A	Z	-1.619	-1.619	0	%100
65	M127A	X	1.608	1.608	0	%100
66	M127A	Z	928	928	0	%100
67	M128A	X	.701	.701	0	%100
68	M128A	Z	405	405	0	%100
69	M129A	X	.701	.701	0	%100
70	M129A	Z	405	405	0	%100



	Member Label	Direction	Start Magnitude[lb/ft,	.End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
71	M132A	X	0	0	0	%100
72	M132A	Z	0	0	0	%100
73	M133A	X	0	0	0	%100
74	M133A	Z	0	0	0	%100
75	M136B	X	0	0	0	%100
76	M136B	Z	0	0	0	%100
77	M140A	X	0	0	0	%100
78	M140A	Z	0	0	0	%100
79	M142A	X	0	0	0	%100
80	M142A	Z	0	0	0	%100
81	M144A	X	4.416	4.416	0	%100
82	M144A	Z	-2.549	-2.549	0	%100
83	M145B	X	3.835	3.835	0	%100
84	M145B	Z	-2.214	-2.214	0	%100
85	M148A	X	2.098	2.098	0	%100
86	M148A	Z	-1.211	-1.211	0	%100
87	M152	X	2.098	2.098	0	%100
88	M152	Z	-1.211	-1.211	0	%100
89	M154	X	2.098	2.098	0	%100
90	M154	Z	-1.211	-1.211	0	%100
91	M152A	X	2.717	2.717	0	%100
92	M152A	Z	-1.568	-1.568	0	%100
93	M153A	X	2.717	2.717	0	%100
94	M153A	Z	-1.568	-1.568	0	%100
95	M156	X	.862	.862	0	%100
96	M156	Z	498	498	0	%100
97	M160	X	0	0	0	%100
98	M160	Z	0	0	0	%100
99	M161	X	0	0	0	%100
100	M161	Z	0	0	0	%100
101	M164	X	3.449	3.449	0	%100
102	<u>M164</u>	Z	-1.991	-1.991	0	%100
103	M169	X	2.368	2.368	0	%100
104	M169	Z	-1.367	-1.367	0	%100
105	M170	X	2.368	2.368	0	%100
106	M170	Z	-1.367	-1.367	0	%100
107	M173	X	.862	.862	0	%100
108	M173	Z	498	498	0	%100
109	M173A	X	2.493	2.493	0	%100
110	M173A	Z	-1.439	-1.439	0	%100
111	M174	X	2.597	2.597	0	%100 %400
112	M174	Z	-1.499	-1.499	0	%100 %400
113	M175	X Z	2.935	2.935	0	%100 %400
114	M175		-1.694	-1.694	0	%100 %100
115	M176	X Z	2.597	2.597	0	%100 %400
116	M176		-1.499	-1.499	0	%100 %100
117	M177	X	2.473	2.473	0	%100 %400
118	M177	Z	-1.428	-1.428	0	%100 %100
119	M178	X Z	2.597	2.597	0	%100 %100
120	M178		-1.499 2.942	-1.499 2.942		
121	M179 M179	X			0	%100 %100
122		Z	-1.698	-1.698 1.670	0	
123	M180	X Z	1.679	1.679	0	%100 %100
124	M180	X	969	969 2.597		%100 %100
125	M181	Z	2.597		0	%100 %100
126	M181		-1.499 1.612	-1.499		
127	M182	X	1.612	1.612	0	%100



			Or all a visit visit			
128	Member Label M182	Direction		End Magnitude[lb/ft,F	_	End Location[ft,%]
129		<u>Z</u> X	931 2.597	931 2.597	0	%100 %100
	M183					
130	M183	<u>Z</u>	-1.499	-1.499	0	%100 %100
131 132	M184 M184	X Z	1.752 -1.011	1.752 -1.011	0	%100 %100
133	M185	X	2.597	2.597		%100 %100
134		^ 	-1.499	-1.499	0	%100 %100
	M185		1.594			%100 %100
135 136	M186 M186	X Z	92	1.594 92	0	%100 %100
137	MP2A	X	2.456	2.456	0	%100 %100
138	MP2A	Z	-1.418	-1.418	0	%100 %100
139	MP3A	X	2.456	2.456	0	%100 %100
140	MP3A	Z	-1.418	-1.418	0	%100 %100
141	MP4A	X	2.456	2.456	0	%100 %100
141	MP4A	^	-1.418	-1.418	0	%100 %100
143	MP1C	X	2.456	2.456	0	%100 %100
144	MP1C	Z	-1.418	-1.418	0	%100 %100
145	MP2C	X	2.456	2.456	0	%100 %100
146	MP2C	Z	-1.418	-1.418	0	%100 %100
147	MP3C	X	2.456	2.456	0	%100 %100
148	MP3C	Z	-1.418	-1.418	0	%100 %100
149	MP4C	X	2.456	2.456	0	%100 %100
150	MP4C	Z	-1.418	-1.418	0	%100 %100
151	MP1B	X	2.456	2.456	0	%100 %100
152	MP1B	Z	-1.418	-1.418	0	%100 %100
153	MP2B	X	2.456	2.456	0	%100 %100
154	MP2B	Z	-1.418	-1.418	0	%100 %100
155	MP3B	X	2.456	2.456	0	%100
156	MP3B	Z	-1.418	-1.418	0	%100
157	MP4B	X	2.456	2.456	0	%100
158	MP4B	Z	-1.418	-1.418	0	%100
159	M148B	X	2.014	2.014	0	%100
160	M148B	Z	-1.163	-1.163	0	%100
161	M153B	X	.885	.885	0	%100
162	M153B	Z	511	511	0	%100
163	M154B	X	.885	.885	0	%100
164	M154B	Z	511	511	0	%100
165	M159A	X	.885	.885	0	%100
166	M159A	Z	511	511	0	%100
167	M160A	X	.885	.885	0	%100
168	M160A	Z	511	511	0	%100
169	M162A	Χ	2.014	2.014	0	%100
170	M162A	Z	-1.163	-1.163	0	%100
171	M167A	Χ	.064	.064	0	%100
172	M167A	Ζ	037	037	0	%100
173	M168A	Χ	.064	.064	0	%100
174	M168A	Z	037	037	0	%100
175	M173B	X	.064	.064	0	%100
176	M173B	Z	037	037	0	%100
177	M174A	X	.064	.064	0	%100
178	M174A	Z	037	037	0	%100
179	M176A	X	2.014	2.014	0	%100
180	M176A	Z	-1.163	-1.163	0	%100
181	M181A	X	.474	.474	0	%100
182	M181A	Ζ	274	274	0	%100
183	M182A	X	.474	.474	0	%100
184	M182A	Z	274	274	0	%100



		•	. Otractare Wi			
405	Member Label	Direction		End Magnitude[lb/ft,F		End Location[ft,%]
185	M187B	X	.474	.474	0	%100
186	M187B	Z	274	274	0	%100
187	M188	X	.474	.474	0	%100
188	M188	Z	274	274	0	%100
189	M187C	X	1.898	1.898	0	%100
190	M187C	Z	-1.096	-1.096	0	%100
191	M190	X	1.898	1.898	0	%100
192	M190	Z	-1.096	-1.096	0	%100
193	M193	X	1.898	1.898	0	%100
194	M193	Z	-1.096	-1.096	0	%100
195	M198	X	2.456	2.456	0	%100
196	M198	Z	-1.418	-1.418	0	%100
197	M201	X	2.456	2.456	0	%100
198	M201	Z	-1.418	-1.418	0	%100
199	M204	X	2.456	2.456	0	%100
200	M204	Z	-1.418	-1.418	0	%100
201	M209	X	.679	.679	0	%100
202	M209	Z	392	392	0	%100
203	M214	X	2.717	2.717	0	%100
204	M214	Z	-1.568	-1.568	0	%100
205	M219	X	.679	.679	0	%100
206	M219	Z	392	392	0	%100
207	M226	X	.806	.806	0	%100
208	M226	Z	465	465	0	%100 %100
209	M227	X	3.225	3.225	0	%100 %100
210	M227	Z	-1.862	-1.862	0	%100 %100
211	M228	X	.806	.806	0	%100 %100
212	M228	Z	465	465	0	%100 %100
213	M231	X	.241	.241	0	%100 %100
214	M231	Z	139	139	0	%100 %100
215	M233	X	.966	.966	0	%100 %100
216	M233	Z	558	558	0	%100 %100
217	M237	X	.241	.241	0	%100 %100
218	M237	Z	139	139	0	%100 %100
219	M242	X	2.621	2.621	0	%100 %100
220	M242	Z	-1.513	-1.513	0	%100 %100
221	M243	X	2.699	2.699	0	%100 %100
						%100 %100
222	M243	Z	-1.558	-1.558 2.706	0	%100 %100
223	M244 M244	X Z	2.796	2.796	0	%100 %100
225	M251A		-1.614 2.796	-1.614 2.796		%100 %100
226	M251A M251A	X Z	-1.614	-1.614	0	%100 %100
227						
228	M253	X Z	2.796	2.796 -1.614	0	%100 %100
	M253		-1.614			
229	M256	X Z	3.184	3.184	0	%100 %100
230	M256		-1.839	-1.839	0	%100 %400
231	M257	X	2.237	2.237	0	%100 %400
232	M257	Z	-1.292	-1.292	0	%100 %400
233	M258	X	3.184	3.184	0	%100 %400
234	M258	Z	-1.839	-1.839	0	%100 %400
235	M259	X	1.618	1.618	0	%100
236	M259	Z	934	934	0	%100 %400
237	M260	X	1.963	1.963	0	%100 %400
238	M260	Z	-1.133	-1.133	0	%100
239	M261	X	2.796	2.796	0	%100
240	M261	Z	-1.614	-1.614	0	%100 %400
241	M262	X	2.621	2.621	0	%100

	Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
242	M262	Z	-1.513	-1.513	0	%100
243	M263	X	2.699	2.699	0	%100
244	M263	Z	-1.558	-1.558	0	%100
245	M264	X	2.796	2.796	0	%100
246	M264	Z	-1.614	-1.614	0	%100

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

	Member Label	Direction		.End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
1	M1	X	6.798	6.798	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	5.904	5.904	0	%100
4	M2	Z	0	0	0	%100
5	M3	Χ	3.228	3.228	0	%100
6	M3	Z	0	0	0	%100
7	M6	X	3.23	3.23	0	%100
8	M6	Z	0	0	0	%100
9	M27	X	0	0	0	%100
10	M27	Z	0	0	0	%100
11	M33	X	0	0	0	%100
12	M33	Z	0	0	0	%100
13	M34	X	0	0	0	%100 %100
14	M34	Z	0	0	0	%100 %100
15	M35	X	0	0	0	%100 %100
16	M35	Z	0	0	0	%100 %100
17	MP1A		2.836	2.836	•	%100 %100
18		X Z	2.636	2.030	0	
	MP1A	X				%100 %100
19	M147		3.646	3.646	0	%100
20	M147	Z	0	0	0	%100
21	M148	X	3.646	3.646	0	%100
22	M148	Z	0	0	0	%100
23	M103A	X	1.626	1.626	0	%100
24	M103A	Z	0	0	0	%100
25	M104A	X	2.998	2.998	0	%100
26	M104A	Z	0	0	0	%100
27	M101A	X	1.353	1.353	0	%100
28	M101A	Z	0	0	0	%100
29	M101B	Χ	2.998	2.998	0	%100
30	M101B	Ζ	0	0	0	%100
31	M102A	X	1.745	1.745	0	%100
32	M102A	Ζ	0	0	0	%100
33	M103B	Χ	2.998	2.998	0	%100
34	M103B	Z	0	0	0	%100
35	M104B	Х	1.322	1.322	0	%100
36	M104B	Z	0	0	0	%100
37	M110B	X	3.137	3.137	0	%100
38	M110B	Z	0.101	0	0	%100
39	M109B	X	0	0	0	%100 %100
40	M109B	Z	0	0	0	%100
41	M110C	X	0	0	0	%100 %100
42	M110C	Z	0	0	0	%100 %100
43	M108A	X	2.428	2.428	0	%100 %100
44	M108A	Ž	0	0	0	%100 %100
45		X	2.428	2.428	0	%100 %100
	M109A	Z				%100 %100
46	M109A		0 100	0	0	
47	M112A	X	2.428	2.428	0	%100
48	M112A	Z	0	0	0	%100

	Member Label	Direction		.End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
49	M113A	X	2.428	2.428	0	%100
50	M113A	Z	0	0	0	%100
51	M116A	X	5.569	5.569	0	%100
52	M116A	Z	0	0	0	%100
53	M117B	X	5.569	5.569	0	%100
54	M117B	Z	0	0	0	%100
55	M118A	X	3.23	3.23	0	%100
56	M118A	Z	0	0	0	%100
57	M118C	X	3.23	3.23	0	%100
58	M118C	Z	0	0	0	%100
59	M122A	X	5.569	5.569	0	%100
60	M122A	Z	0	0	0	%100
61	M123A	X	2.428	2.428	0	%100
62	M123A	Z	0	0	0	%100
63	M124A	X	2.428	2.428	0	%100
64	M124A	Z	0	0	0	%100
65	M127A	X	5.569	5.569	0	%100
66	M127A	Z	0	0	0	%100 %400
67	M128A	X	2.428	2.428	0	%100
68	M128A	Z	0	0	0	%100
69	M129A	X	2.428	2.428	0	%100 %400
70	M129A	Z	1.7	1.7	0	%100 %400
72	M132A M132A	X Z	0	0	0	%100 %100
73	M133A	X	1.476	1.476	0	%100 %100
74	M133A	Z	0	0	0	%100 %100
75	M136B	X	.807	.807	0	%100 %100
76	M136B	Z	0	0	0	%100 %100
77	M140A	X	.807	.807	0	%100 %100
78	M140A	Z	0	0	0	%100 %100
79	M142A	X	.807	.807	0	%100 %100
80	M142A	Z	0	0	0	%100 %100
81	M144A	X	1.7	1.7	0	%100
82	M144A	Z	0	0	0	%100 %100
83	M145B	X	1.476	1.476	0	%100
84	M145B	Z	0	0	0	%100
85	M148A	X	.807	.807	0	%100
86	M148A	Z	0	0	0	%100
87	M152	X	.807	.807	0	%100
88	M152	Z	0	0	0	%100
89	M154	X	.807	.807	0	%100
90	M154	Z	0	0	0	%100
91	M152A	X	3.137	3.137	0	%100
92	M152A	Z	0	0	0	%100
93	M153A	X	3.137	3.137	0	%100
94	M153A	Z	0	0	0	%100
95	M156	X	0	0	0	%100
96	M156	Z	0	0	0	%100
97	M160	X	.912	.912	0	%100
98	M160	Z	0	0	0	%100
99	M161	X	.912	.912	0	%100
100	M161	Z	0	0	0	%100
101	M164	X	2.987	2.987	0	%100
102	M164	Z	0	0	0	%100
103	M169	X	.912	.912	0	%100 %400
104	M169	Z	0	0	0	%100 %400
105	M170	X	.912	.912	0	%100



	Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
106	M170	Z	0	0	0	%100
107	M173	X	2.987	2.987	0	%100
108	M173	Z	0	0	0	%100
109	M173A	X	2.566	2.566	0	%100
110	M173A	Z	0	0	0	%100
111	M174	X	2.998	2.998	0	%100
112	M174	Z	0	0	0	%100
113	M175	X	2.88	2.88	0	%100
114	M175	Z	0	0	0	%100
115	M176	X	2.998	2.998	0	%100
116	M176	Z	0	0	0	%100
117	M177	X	2.578	2.578	0	%100
118	M177	Z	0	0	0	%100
119	M178	X	2.998	2.998	0	%100
120	M178	Z	0	0	0	%100
121	M179	X	2.878	2.878	0	%100
122	M179	Z	0	0	0	%100
123	M180	X	2.566	2.566	0	%100
124	M180	Z	0	0	0	%100
125	M181	X	2.998	2.998	0	%100
126	M181	Z	0	0	0	%100
127	M182	X	2.88	2.88	0	%100
128	M182	Z	0	0	0	%100
129	M183	X	2.998	2.998	0	%100
130	M183	Z	0	0	0	%100
131	M184	X	2.578	2.578	0	%100
132	M184	Z	0	0	0	%100
133	M185	X	2.998	2.998	0	%100
134	M185	Z	0	0	0	%100
135	M186	X	2.878	2.878	0	%100
136	M186	Z	0	0	0	%100
137	MP2A	X	2.836	2.836	0	%100
138	MP2A	Z	0	0	0	%100
139	MP3A	X	2.836	2.836	0	%100
140	MP3A	Z	0	0	0	%100
141	MP4A	X	2.836	2.836	0	%100
142	MP4A	Z	0	0	0	%100
143	MP1C	X	2.836	2.836	0	%100
144	MP1C	Z	0	0	0	%100
145	MP2C MP2C	X	2.836	2.836	0	%100 %100
146	MP3C	Z	0	0	0	%100 %100
147	MP3C MP3C	X Z	2.836	2.836	0	%100 %100
148 149	MP4C	X	2.836	2.836	0	%100 %100
150	MP4C MP4C	Z	0	0	0	%100 %100
151	MP1B	X	2.836	2.836	0	%100 %100
151	MP1B	Z	2.830	2.836	0	%100 %100
153	MP2B	X	2.836	2.836	0	%100 %100
154	MP2B	Z	2.830	2.836	0	%100 %100
155	MP3B	X	2.836	2.836	0	%100 %100
156	MP3B	Z	0	0	0	%100 %100
157	MP4B	X	2.836	2.836	0	%100 %100
158	MP4B	Z	2.836	2.836	0	%100 %100
158	<u>мР4В</u> М148В	X	2.326	2.326	0	%100 %100
160	M148B	Z	0	0	0	%100 %100
161	M153B	X	1.022	1.022	0	%100 %100
162	M153B	Z			0	%100 %100
102	IVI IOOD		0	0	U	70 100



	Member Label	Direction		End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
163	M154B	X	1.022	1.022	0	%100
164	M154B	Z	0	0	0	%100
165	M159A	X	1.022	1.022	0	%100
166	M159A	Z	0	0	0	%100
167	M160A	X	1.022	1.022	0	%100
168	M160A	Z	0	0	0	%100
169	M162A	X	2.326	2.326	0	%100
170	M162A	Z	0	0	0	%100
171	M167A	X	.548	.548	0	%100
172	M167A	Z	0	0	0	%100
173	M168A	X	.548	.548	0	%100
174	M168A	Z	0	0	0	%100
175	M173B	X	.548	.548	0	%100
176	M173B	Z	0	0	0	%100
177	M174A	X	.548	.548	0	%100
178	M174A	Z	0	0	0	%100
179	M176A	<u>X</u>	2.326	2.326	0	%100
180	M176A	Z	0	0	0	%100
181	M181A	X	.073	.073	0	%100
182	M181A	Z	0	0	0	%100
183	M182A	X	.073	.073	0	%100 %400
184	M182A	Z	0	0	0	%100 %400
185	M187B	X Z	.073	.073	0	%100 %100
186	M187B		0	0	0	
187	M188	X Z	.073	.073	0	%100 %400
188	M188		2.192	2.192		%100 %400
189 190	M187C M187C	X Z			0	%100 %100
191	M190	X	2.192	2.192	0	%100 %100
192	M190	Z	0	0	0	%100 %100
193	M193	X	2.192	2.192	0	%100 %100
194	M193	Z	0	0	0	%100 %100
195	M198	X	2.836	2.836	0	%100 %100
196	M198	Z	0	0	0	%100 %100
197	M201	X	2.836	2.836	0	%100 %100
198	M201	Z	0	0	0	%100 %100
199	M204	X	2.836	2.836	0	%100
200	M204	Z	0	0	0	%100 %100
201	M209	X	0	0	0	%100
202	M209	Z	0	0	0	%100 %100
203	M214	X	2.353	2.353	0	%100
204	M214	Z	0	0	0	%100
205	M219	Х	2.353	2.353	0	%100
206	M219	Z	0	0	0	%100
207	M226	Χ	0	0	0	%100
208	M226	Z	0	0	0	%100
209	M227	Χ	2.793	2.793	0	%100
210	M227	Z	0	0	0	%100
211	M228	X	2.793	2.793	0	%100
212	M228	Z	0	0	0	%100
213	M231	X	0	0	0	%100
214	M231	Z	0	0	0	%100
215	M233	X	.837	.837	0	%100
216	M233	Z	0	0	0	%100
217	M237	X	.837	.837	0	%100
218	M237	Z	0	0	0	%100
219	M242	X	3.413	3.413	0	<u>%100</u>



	Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
220	M242	Ζ	0	0	0	%100
221	M243	Χ	3.4	3.4	0	%100
222	M243	Z	0	0	0	%100
223	M244	X	3.228	3.228	0	%100
224	M244	Ζ	0	0	0	%100
225	M251A	X	3.228	3.228	0	%100
226	M251A	Ζ	0	0	0	%100
227	M253	X	3.228	3.228	0	%100
228	M253	Z	0	0	0	%100
229	M256	X	4.042	4.042	0	%100
230	M256	Ζ	0	0	0	%100
231	M257	X	2.948	2.948	0	%100
232	M257	Z	0	0	0	%100
233	M258	X	2.948	2.948	0	%100
234	M258	Ζ	0	0	0	%100
235	M259	X	2.255	2.255	0	%100
236	M259	Ζ	0	0	0	%100
237	M260	X	2.55	2.55	0	%100
238	M260	Ζ	0	0	0	%100
239	M261	X	3.228	3.228	0	%100
240	M261	Ζ	0	0	0	%100
241	M262	X	2.255	2.255	0	%100
242	M262	Ζ	0	0	0	%100
243	M263	Χ	2.55	2.55	0	%100
244	M263	Z	0	0	0	%100
245	M264	X	3.228	3.228	0	%100
246	M264	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
1	M1	Χ	4.416	4.416	0	%100
2	M1	Z	2.549	2.549	0	%100
3	M2	X	3.835	3.835	0	%100
4	M2	Ζ	2.214	2.214	0	%100
5	M3	X	2.796	2.796	0	%100
6	M3	Ζ	1.614	1.614	0	%100
7	M6	X	2.098	2.098	0	%100
8	M6	Z	1.211	1.211	0	%100
9	M27	X	.701	.701	0	%100
10	M27	Z	.405	.405	0	%100
11	M33	X	.701	.701	0	%100
12	M33	Z	.405	.405	0	%100
13	M34	X	1.608	1.608	0	%100
14	M34	Z	.928	.928	0	%100
15	M35	X	1.608	1.608	0	%100
16	M35	Z	.928	.928	0	%100
17	MP1A	X	2.456	2.456	0	%100
18	MP1A	Z	1.418	1.418	0	%100
19	M147	Χ	2.368	2.368	0	%100
20	M147	Z	1.367	1.367	0	%100
21	M148	Χ	2.368	2.368	0	%100
22	M148	Z	1.367	1.367	0	%100
23	M103A	X	1.679	1.679	0	%100
24	M103A	Z	.969	.969	0	%100
25	M104A	Χ	2.597	2.597	0	%100
26	M104A	Z	1.499	1.499	0	%100

	Member Label	Direction		. <u>End Magnitude[lb/ft,F</u>	Start Location[ft,%]	End Location[ft,%]
27	M101A	X	1.612	1.612	0	%100
28	M101A	Z	.931	.931	0	%100
29	M101B	X	2.597	2.597	0	%100
30	M101B	Z	1.499	1.499	0	%100
31	M102A	X	1.752	1.752	0	%100
32	M102A	Z	1.011	1.011	0	%100
33	M103B	X	2.597	2.597	0	%100
34	M103B	Z	1.499	1.499	0	%100
35	M104B	X	1.594	1.594	0	%100
36	M104B	Z	.92	.92	0	%100
37	M110B	X	2.717	2.717	0	%100
38	M110B	Z	1.568	1.568	0	%100
39	M109B	X	.701	.701	0	%100
40	M109B	Z	.405	.405	0	%100
41	M110C	X	.701	.701	0	%100
42	M110C	Z	.405	.405	0	%100
43	M108A	X	.701	.701	0	%100
44	M108A	Z	.405	.405	0	%100
45	M109A	X	.701	.701	0	%100
46	M109A	Z	.405	.405	0	%100
47	M112A	X	2.804	2.804	0	%100
48	M112A	Z	1.619	1.619	0	%100
49	M113A	X	2.804	2.804	0	%100
50	M113A	Z	1.619	1.619	0	%100
51	M116A	X	1.608	1.608	0	%100
52	M116A	Z	.928	.928	0	%100
53	M117B	X	6.43	6.43	0	%100
54	M117B	Z	3.713	3.713	0	%100
55	M118A	X	2.098	2.098	0	%100
56	M118A	Z	1.211	1.211	0	%100
57	M118C	X	2.098	2.098	0	%100
58	M118C	Z	1.211	1.211	0	%100
59	M122A	X	1.608	1.608	0	%100
60	M122A	Z	.928	.928	0	%100
61	M123A	X	.701	.701	0	%100 %400
62	M123A	Z	.405	.405	0	%100 %400
63	M124A	X	.701	.701	0	%100 %400
64	M124A	Z	.405	.405	0	%100 %100
65	M127A	X Z	6.43	6.43	0	%100 %400
66 67	M127A M128A		3.713 2.804	3.713 2.804	0	%100 %100
68	M128A	Z	1.619	1.619	0	%100 %100
69	M129A	X	2.804	2.804	0	%100 %100
70	M129A M129A	Z	1.619	1.619	0	%100 %100
71	M132A	X	4.416	4.416	0	%100 %100
72	M132A	Z	2.549	2.549	0	%100 %100
73	M133A	X	3.835	3.835	0	%100 %100
74	M133A	Z	2.214	2.214	0	%100 %100
75	M136B	X	2.098	2.098	0	%100 %100
76	M136B	Z	1.211	1.211	0	%100 %100
77	M140A	X	2.098	2.098	0	%100 %100
78	M140A	Z	1.211	1.211	0	%100 %100
79	M142A	X	2.098	2.098	0	%100 %100
80	M142A	Z	1.211	1.211	0	%100 %100
81	M144A	X	0	0	0	%100 %100
82	M144A	Z	0	0	0	%100 %100
83	M145B	X	0	0	0	%100 %100
	IVI 1-TOD				<u> </u>	/0100



	Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
84	M145B	Z	0	0	0	%100
85	M148A	X	0	0	0	%100
86	M148A	Z	0	0	0	%100
87	M152	X	0	0	0	%100
88	M152	Z	0	0	0	%100
89	M154	X	0	0	0	%100
90	M154	Z	0	0	0	%100
91	M152A	X	2.717	2.717	0	%100
92	M152A	Z	1.568	1.568	0	%100
93	M153A	X	2.717	2.717	0	%100
94	M153A	Z	1.568	1.568	0	%100
95	M156	X	.862	.862	0	%100
96	M156	Z	.498	.498	0	%100
97	M160	X	2.368	2.368	0	%100
98	M160	Z	1.367	1.367	0	%100
99	M161	X	2.368	2.368	0	%100
100	M161	Z	1.367	1.367	0	%100
101	M164	X	.862	.862	0	%100
102	M164	Z	.498	.498	0	%100
103	M169	X	0	0	0	%100
104	M169	Z	0	0	0	%100
105	<u>M170</u>	X	0	0	0	%100
106	<u>M170</u>	Z	0	0	0	%100
107	M173	X	3.449	3.449	0	%100
108	M173	Z	1.991	1.991	0	%100
109	M173A	X	1.679	1.679	0	%100
110	M173A	Z	.969	.969	0	%100
111	M174	X	2.597	2.597	0	%100
112	M174	Z	1.499	1.499	0	%100
113	M175	X	1.612	1.612	0	%100
114	M175	Z	.931	.931	0	%100
115	M176	X	2.597	2.597	0	%100
116	M176	Z	1.499	1.499	0	%100 %400
117	M177	X	1.752	1.752	0	%100 %400
118	M177	Z	1.011	1.011	0	%100 %400
119	M178	X	2.597	2.597	0	%100 %400
120	M178	Z	1.499	1.499	0	%100 %400
121 122	M179	X Z	1.594 .92	1.594 .92	0	%100 %100
	M179	X			0	
123 124	M180 M180	Z	2.493 1.439	2.493 1.439	0	%100 %100
125	M181	X	2.597	2.597	0	%100 %100
126	M181	Z	1.499	1.499	0	%100 %100
127	M182	X	2.935	2.935	0	%100 %100
128	M182	Z	1.694	1.694	0	%100 %100
129	M183	X	2.597	2.597	0	%100 %100
130	M183	Z	1.499	1.499	0	%100 %100
131	M184	X	2.473	2.473	0	%100 %100
132	M184	Z	1.428	1.428	0	%100 %100
133	M185	X	2.597	2.597	0	%100 %100
134	M185	Z	1.499	1.499	0	%100 %100
135	M186	X	2.942	2.942	0	%100 %100
136	M186	Z	1.698	1.698	0	%100 %100
137	MP2A	X	2.456	2.456	0	%100 %100
138	MP2A	Z	1.418	1.418	0	%100 %100
139	MP3A	X	2.456	2.456	0	%100 %100
140	MP3A	Z	1.418	1.418	0	%100 %100
170	IVII U/\		1.710	1.710	U	/0100

	Member Label	Direction		End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
141	MP4A	X	2.456	2.456	0	%100 ·
142	MP4A	Z	1.418	1.418	0	%100
143	MP1C	X	2.456	2.456	0	%100
144	MP1C	Z	1.418	1.418	0	%100
145	MP2C	X	2.456	2.456	0	%100
146	MP2C	Z	1.418	1.418	0	%100
147	MP3C	X	2.456	2.456	0	%100
148	MP3C	Z	1.418	1.418	0	%100
149	MP4C	X	2.456	2.456	0	%100
150	MP4C	Z	1.418	1.418	0	%100
151	MP1B	X	2.456	2.456	0	%100
152	MP1B	Z	1.418	1.418	0	%100
153	MP2B	X	2.456	2.456	0	%100
154	MP2B	Z	1.418	1.418	0	%100
155	MP3B	X	2.456	2.456	0	%100
156	MP3B	Z	1.418	1.418	0	%100
157	MP4B	X	2.456	2.456	0	%100
158	MP4B	Z	1.418	1.418	0	%100
159	M148B	X	2.014	2.014	0	%100
160	M148B	Z	1.163	1.163	0	%100
161	M153B	X	.474	.474	0	%100
162	M153B	Z	.274	.274	0	%100
163	M154B	X	.474	.474	0	%100
164	M154B	Z	.274	.274	0	%100
165	M159A	X	.474	.474	0	%100
166	M159A	Z	.274	.274	0	%100
167	M160A	X	.474	.474	0	%100
168	M160A	Z	.274	.274	0	%100
169	M162A	X	2.014	2.014	0	%100
170	M162A	Z	1.163	1.163	0	%100
171	M167A	X	.885	.885	0	%100
172	<u>M167A</u>	Z	.511	.511	0	%100
173	M168A	X	.885	.885	0	%100
174	M168A	Z	.511	.511	0	%100
175	M173B	X	.885	.885	0	%100
176	M173B	Z	.511	.511	0	%100
177	M174A	X	.885	.885	0	%100
178	M174A	Z	.511	.511	0	%100
179	M176A	X	2.014	2.014	0	%100
180	M176A	Z	1.163	1.163	0	%100
181	M181A	X	.064	.064	0	%100
182	M181A	Z	.037	.037	0	%100
183	M182A	X	.064	.064	0	%100
184	M182A	Z	.037	.037	0	%100
185	M187B	X	.064	.064	0	%100 %400
186	M187B	Z	.037	.037	0	%100 %400
187	M188	X	.064	.064	0	%100 %400
188	M188	Z	.037	.037	0	%100 %400
189	M187C	X	1.898	1.898	0	%100 %400
190	M187C	Z	1.096	1.096	0	%100 %400
191	M190	X	1.898	1.898	0	%100 %400
192	M190	Z	1.096	1.096	0	%100 %400
193	M193	X Z	1.898	1.898	0	%100 %400
194	M193		1.096	1.096	0	%100 %100
195	M198	X Z	2.456	2.456	0	%100 %100
196	M198		1.418	1.418	-	%100 %100
197	M201	X	2.456	2.456	0	%100

	Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
198	M201	Z	1.418	1.418	0	%100
199	M204	X	2.456	2.456	0	%100
200	M204	Z	1.418	1.418	0	%100
201	M209	X	.679	.679	0	%100
202	M209	Z	.392	.392	0	%100
203	M214	X	.679	.679	0	%100
204	M214	Z	.392	.392	0	%100
205	M219	X	2.717	2.717	0	%100
206	M219	Z	1.568	1.568	0	%100
207	M226	X	.806	.806	0	%100
208	M226	Z	.465	.465	0	%100
209	M227	Х	.806	.806	0	%100
210	M227	Z	.465	.465	0	%100
211	M228	Х	3.225	3.225	0	%100
212	M228	Z	1.862	1.862	0	%100
213	M231	X	.241	.241	0	%100
214	M231	7	.139	.139	0	%100
215	M233	X	.241	.241	0	%100
216	M233	Z	.139	.139	0	%100
217	M237	X	.966	.966	0	%100
218	M237	Z	.558	.558	0	%100
219	M242	X	2.621	2.621	0	%100
220	M242	Z	1.513	1.513	0	%100 %100
221	M243	X	2.699	2.699	0	%100
222	M243	Z	1.558	1.558	0	%100 %100
223	M244	X	2.796	2.796	0	%100 %100
224	M244	Z	1.614	1.614	0	%100 %100
225	M251A	X	2.796	2.796	0	%100
226	M251A	Z	1.614	1.614	0	%100 %100
227	M253	X	2.796	2.796	0	%100 %100
228	M253	Z	1.614	1.614	0	%100 %100
229	M256	X	3.184	3.184	0	%100 %100
230	M256	Z	1.839	1.839	0	%100 %100
231	M257	X	3.184	3.184	0	%100 %100
232	M257	Z	1.839	1.839	0	%100 %100
233	M258	X	2.237	2.237	0	%100 %100
234	M258	Z	1.292	1.292	0	%100 %100
235	M259	X	2.621	2.621	0	%100 %100
236	M259	Z	1.513	1.513	0	%100 %100
237	M260	X	2.699	2.699	0	%100 %100
238		_		1.558	_	%100 %100
239	<u>M260</u> M261	X	1.558 2.796	2.796	0	%100 %100
240	M261	Z	1.614	1.614	0	%100 %100
241	M262	X	1.618	1.618	0	%100 %100
241	M262	Z	.934	.934		%100 %100
					0	%100 %100
243	M263	X Z	1.963	1.963	0	
244	M263		1.133	1.133	0	%100 %100
245 246	M264 M264	X Z	2.796 1.614	2.796 1.614	0	%100 %100
240	IVI∠04	_	1.014	1.014	U	70 100

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

	Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
1	M1	X	.85	.85	0	%100
2	M1	Z	1.472	1.472	0	%100
3	M2	Χ	.738	.738	0	%100
4	M2	Z	1.278	1.278	0	%100



	Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
5	M3	X	1.614	1.614	0	%100
6	<u>M3</u>	Z	2.796	2.796	0	%100
7	<u>M6</u>	X	.404	.404	0	%100
8	M6	Z	.699	.699	0	%100
9	M27	X	1.214	1.214	0	%100
10	M27	Z	2.103	2.103	0	%100
11	M33	X	1.214	1.214	0	%100
12	M33	Z	2.103	2.103	0	%100
13	M34	X	2.784	2.784	0	%100
14	M34	Z	4.823	4.823	0	%100
15	M35	X	2.784	2.784	0	%100
16	M35	Z	4.823	4.823	0	%100
17	MP1A	X	1.418	1.418	0	%100
18	MP1A	Z	2.456	2.456	0	%100
19	M147	X	.456	.456	0	%100
20	M147	Z	.789	.789	0	%100
21	M148	X	.456	.456	0	%100
22	M148	Z	.789	.789	0	%100
23	M103A	X	1.283	1.283	0	%100
24	M103A	Z	2.222	2.222	0	%100
25	M104A	X	1.499	1.499	0	%100
26	M104A	Z	2.597	2.597	0	%100
27	M101A	X	1.44	1.44	0	%100
28	M101A	Z	2.494	2.494	0	%100
29	M101B	Х	1.499	1.499	0	%100
30	M101B	Z	2.597	2.597	0	%100
31	M102A	X	1.289	1.289	0	%100
32	M102A	Z	2.232	2.232	0	%100
33	M103B	X	1.499	1.499	0	%100
34	M103B	Z	2.597	2.597	0	%100
35	M104B	X	1.439	1.439	0	%100
36	M104B	Z	2.492	2.492	0	%100
37	M110B	X	1.568	1.568	0	%100
38	M110B	Z	2.717	2.717	0	%100
39	M109B	X	1.214	1.214	0	%100
40	M109B	Z	2.103	2.103	0	%100
41	M110C	X	1.214	1.214	0	%100
42	M110C	Z	2.103	2.103	0	%100
43	M108A	X	0	0	0	%100
44	M108A	Z	0	0	0	%100
45	M109A	X	0	0	0	%100
46	M109A	Z	0	0	0	%100
47	M112A	X	1.214	1.214	0	%100
48	M112A	Z	2.103	2.103	0	%100 %100
49	M113A	X	1.214	1.214	0	%100
50	M113A	Z	2.103	2.103	0	%100 %100
51	M116A	X	0	0	0	%100
52	M116A	Z	0	0	0	%100 %100
53	M117B	X	2.784	2.784	0	%100
54	M117B	Z	4.823	4.823	0	%100 %100
55	M118A	X	.404	.404	0	%100
56	M118A	Z	.699	.699	0	%100 %100
57	M118C	X	.404	.404	0	%100 %100
58	M118C	Z	.699	.699	0	%100 %100
59	M122A	X	0	0	0	%100 %100
60	M122A	Z	0	0	0	%100 %100
61	M123A	X	0	0	0	%100 %100
	WITZUIT					70100



	Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
62	M123A	Z	0	0	0	%100
63	M124A	X	0	0	0	%100
64	M124A	Z	0	0	0	%100
65	M127A	X	2.784	2.784	0	%100
66	M127A	Z	4.823	4.823	0	%100
67	M128A	X	1.214	1.214	0	%100
68	M128A	Z	2.103	2.103	0	%100
69	M129A	X	1.214	1.214	0	%100
70	M129A	Z	2.103	2.103	0	%100
71	M132A	X	3.399	3.399	0	%100
72	M132A	Z	5.888	5.888	0	%100
73	M133A	X	2.952	2.952	0	%100
74	M133A	Z	5.113	5.113	0	%100
75	M136B	X	1.615	1.615	0	%100
76	M136B	Z	2.797	2.797	0	%100
77	M140A	X	1.615	1.615	0	%100
78	M140A	Z	2.797	2.797	0	%100
79	M142A	X	1.615	1.615	0	%100
80	M142A	Z	2.797	2.797	0	%100
81	M144A	X	.85	.85	0	%100
82	M144A	Z	1.472	1.472	0	%100
83	M145B	X	.738	.738	0	%100
84	M145B	Z	1.278	1.278	0	%100
85	M148A	X	.404	.404	0	%100
86	M148A	Z	.699	.699	0	%100
87	M152	X	.404	.404	0	%100
88	M152	Z	.699	.699	0	%100
89	M154	X	.404	.404	0	%100
90	M154	Z	.699	.699	0	%100
91	M152A	X	1.568	1.568	0	%100
92	M152A	Z	2.717	2.717	0	%100
93	M153A	X	1.568	1.568	0	%100
94	M153A	Z	2.717	2.717	0	%100
95	M156	X	1.494	1.494	0	%100
96	M156	Z	2.587	2.587	0	%100 %400
97	M160	X	1.823	1.823	0	%100 %400
98	M160	Z	3.158	3.158	0	%100 %400
99	M161 M161	X Z	1.823	1.823 3.158	0	%100 %100
100		X	3.158		0	
101	M164 M164	Z	0	0	0	%100 %100
102	M169	X	.456	.456	0	%100 %100
103	M169	Z	.789	.789	0	%100 %100
104	M170	X	.456	.456	0	%100 %100
106	M170	Z	.789	.789	0	%100 %100
107	M173	X	1.494	1.494	0	%100 %100
107	M173	Z	2.587	2.587	0	%100 %100
109	M173A	X	.813	.813	0	%100 %100
110	M173A	Z	1.408	1.408	0	%100 %100
111	M174	X	1.499	1.499	0	%100 %100
112	M174	Z	2.597	2.597	0	%100 %100
113	M175	X	.676	.676	0	%100 %100
114	M175	Z	1.172	1.172	0	%100 %100
115	M176	X	1.499	1.499	0	%100 %100
116	M176	Z	2.597	2.597	0	%100 %100
117	M177	X	.873	.873	0	%100 %100
118	M177	Z	1.511	1.511	0	%100 %100
	.91111	_	1.011	1.011		/0100

	Member Label	Direction	Start Magnitude[lb/ft,	.End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
119	M178	X	1.499	1.499	0	%100 ·
120	M178	Z	2.597	2.597	0	%100
121	M179	X	.661	.661	0	%100
122	M179	Z	1.145	1.145	0	%100
123	M180	X	1.283	1.283	0	%100
124	M180	Z	2.222	2.222	0	%100
125	M181	X	1.499	1.499	0	%100
126	M181	Z	2.597	2.597	0	%100
127	M182	X	1.44	1.44	0	%100
128	M182	Z	2.494	2.494	0	%100
129	M183	X	1.499	1.499	0	%100
130	M183	Z	2.597	2.597	0	%100
131	M184	X	1.289	1.289	0	%100
132	M184	Z	2.232	2.232	0	%100
133	M185	X	1.499	1.499	0	%100
134	M185	Z	2.597	2.597	0	%100
135	M186	X	1.439	1.439	0	%100
136	M186	Z	2.492	2.492	0	%100
137	MP2A	X	1.418	1.418	0	%100
138	MP2A	Z	2.456	2.456	0	%100
139	MP3A	X	1.418	1.418	0	%100
140	MP3A	Z	2.456	2.456	0	%100
141	MP4A	X	1.418	1.418	0	%100
142	MP4A	Z	2.456	2.456	0	%100
143	MP1C	X	1.418	1.418	0	%100
144	MP1C	Z	2.456	2.456	0	%100
145	MP2C	X	1.418	1.418	0	%100
146	MP2C	Z	2.456	2.456	0	%100
147	MP3C	X	1.418	1.418	0	%100
148	MP3C	Z	2.456	2.456	0	%100
149	MP4C	X	1.418	1.418	0	%100
150	MP4C	Z	2.456	2.456	0	%100
151	MP1B	X	1.418	1.418	0	%100
152	MP1B	Z	2.456	2.456	0	%100
153	MP2B	X	1.418	1.418	0	%100
154	MP2B	Z	2.456	2.456	0	%100
155	MP3B	X	1.418	1.418	0	%100
156	MP3B	Z	2.456	2.456	0	%100
157	MP4B	X	1.418	1.418	0	%100
158	MP4B	Z	2.456	2.456	0	%100
159	M148B	X	1.163	1.163	0	%100
160	M148B	Z	2.014	2.014	0	%100
161	M153B	X	.037	.037	0	%100
162	M153B	Z	.064	.064	0	%100
163	M154B	X	.037	.037	0	%100 %400
164	M154B	Z	.064	.064	0	%100 %400
165	M159A	X	.037	.037	0	%100 %400
166	M159A	Z	.064	.064	0	%100 %400
167	M160A	X	.037	.037	0	%100 %400
168	M160A	Z	.064	.064	0	%100 %400
169	M162A	X	1.163	1.163	0	%100 %400
170	M162A	Z	2.014	2.014	0	%100 %400
171	M167A	X Z	.511	.511	0	%100 %400
172	M167A		.885	.885	0	%100 %100
173	M168A	X Z	.511	.511	0	%100 %100
174	M168A		.885	.885		%100 %100
175	M173B	X	.511	.511	0	%100



	Member Label	Direction		End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
176	M173B	Z	.885	.885	0	%100
177	M174A	X	.511	.511	0	%100
178	M174A	Z	.885	.885	0	%100
179	M176A	X	1.163	1.163	0	%100
180	M176A	Z	2.014	2.014	0	%100
181	M181A	X	.274	.274	0	%100
182	M181A	Z	.474	.474	0	%100
183	M182A	X	.274	.274	0	%100
184	M182A	Z	.474	.474	0	%100
185	M187B	X	.274	.274	0	%100
186	M187B	Z	.474	.474	0	%100
187	M188	X	.274	.274	0	%100
188	M188	Z	.474	.474	0	%100
189	M187C	X	1.096	1.096	0	%100
190	M187C	Z	1.898	1.898	0	%100
191	M190	X	1.096	1.096	0	%100
192	M190	Z	1.898	1.898	0	%100
193	M193	X	1.096	1.096	0	%100
194	M193	Z	1.898	1.898	0	%100
195	M198	X	1.418	1.418	0	%100
196	M198	Z	2.456	2.456	0	%100
197	M201	X	1.418	1.418	0	%100
198	M201	Z	2.456	2.456	0	%100
199	M204	X	1.418	1.418	0	%100
200	M204	Z	2.456	2.456	0	%100
201	M209	X	1.176	1.176	0	%100
202	M209	Z	2.037	2.037	0	%100
203	M214	X	0	0	0	%100
204	M214	Z	0	0	0	%100
205	M219	X	1.176	1.176	0	%100
206	M219	Z	2.037	2.037	0	%100
207	M226	X	1.396	1.396	0	%100
208	M226	Z	2.419	2.419	0	%100
209	M227	X	0	0	0	%100
210	M227	Z	0	0	0	%100
211	M228	X	1.396	1.396	0	%100
212	M228	Z	2.419	2.419	0	%100
213	M231	X	.418	.418	0	%100
214	M231	Z	.724	.724	0	%100
215	M233	X	0	0	0	%100
216	M233	Z	0	0	0	%100
217	M237	X	.418	.418	0	%100
218	M237	Z	.724	.724	0	%100
219	M242	X	1.127	1.127	0	%100
220	M242	Z	1.953	1.953	0	%100
221	M243	X	1.275	1.275	0	%100
222	M243	Z	2.208	2.208	0	%100
223	M244	X	1.614	1.614	0	%100
224	M244	Z	2.796	2.796	0	%100
225	M251A	X	1.614	1.614	0	%100
226	M251A	Z	2.796	2.796	0	%100 %400
227	M253	X	1.614	1.614	0	%100
228	M253	Z	2.796	2.796	0	%100 %400
229	M256	X	1.474	1.474	0	%100
230	M256	Z	2.553	2.553	0	%100
231	M257	X	2.021	2.021	0	%100
232	M257	Z	3.5	3.5	0	%100



	Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
233	M258	X	1.474	1.474	0	%100
234	M258	Ζ	2.553	2.553	0	%100
235	M259	Χ	1.706	1.706	0	%100
236	M259	Z	2.956	2.956	0	%100
237	M260	X	1.7	1.7	0	%100
238	M260	Ζ	2.944	2.944	0	%100
239	M261	Χ	1.614	1.614	0	%100
240	M261	Z	2.796	2.796	0	%100
241	M262	X	1.127	1.127	0	%100
242	M262	Ζ	1.953	1.953	0	%100
243	M263	X	1.275	1.275	0	%100
244	M263	Z	2.208	2.208	0	%100
245	M264	X	1.614	1.614	0	%100
246	M264	Z	2.796	2.796	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	0	0	0	%100
5	M3	Χ	0	0	0	%100
6	M3	Z	3.228	3.228	0	%100
7	M6	X	0	0	0	%100
8	M6	Z	0	0	0	%100
9	M27	X	0	0	0	%100
10	M27	Z	3.237	3.237	0	%100
11	M33	Χ	0	0	0	%100
12	M33	Z	3.237	3.237	0	%100
13	M34	Χ	0	0	0	%100
14	M34	Z	7.425	7.425	0	%100
15	M35	Х	0	0	0	%100
16	M35	Z	7.425	7.425	0	%100
17	MP1A	Х	0	0	0	%100
18	MP1A	Z	2.836	2.836	0	%100
19	M147	Х	0	0	0	%100
20	M147	Z	0	0	0	%100
21	M148	Χ	0	0	0	%100
22	M148	Z	0	0	0	%100
23	M103A	Х	0	0	0	%100
24	M103A	Z	2.879	2.879	0	%100
25	M104A	Х	0	0	0	%100
26	M104A	Z	2.998	2.998	0	%100
27	M101A	Х	0	0	0	%100
28	M101A	Z	3.388	3.388	0	%100
29	M101B	Χ	0	0	0	%100
30	M101B	Z	2.998	2.998	0	%100
31	M102A	Х	0	0	0	%100
32	M102A	Z	2.855	2.855	0	%100
33	M103B	X	0	0	0	%100
34	M103B	Z	2.998	2.998	0	%100
35	M104B	X	0	0	0	%100
36	M104B	Z	3.397	3.397	0	%100
37	M110B	X	0	0	0	%100
38	M110B	Z	3.137	3.137	0	%100
39	M109B	Х	0	0	0	%100



	Member Label	Direction	Start Magnitude[lb/ft,.	End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
40	M109B	Z	3.237	3.237	0	%100
41	M110C	X	0	0	0	%100
42	M110C	Z	3.237	3.237	0	%100
43	M108A	X	0	0	0	%100
44	M108A	Z	.809	.809	0	%100
45	M109A	X	0	0	0	%100
46	M109A	Z	.809	.809	0	%100
47	M112A	X	0	0	0	%100
48	M112A	Z	.809	.809	0	%100
49	M113A	X	0	0	0	%100
50	M113A	Z	.809	.809	0	%100
51	M116A	X	0	0	0	%100
52	M116A	Z	1.856	1.856	0	%100
53	M117B	X	0	0	0	%100
54	M117B	Z	1.856	1.856	0	%100
55	M118A	X	0	0	0	%100
56	M118A	Z	0	0	0	%100
57	M118C	X	0	0	0	%100
58	M118C	Z	0	0	0	%100
59	M122A	X	0	0	0	%100
60	M122A	Z	1.856	1.856	0	%100
61	M123A	X	0	0	0	%100
62	M123A	Z	.809	.809	0	%100
63	M124A	X	0	0	0	%100
64	M124A	Z	.809	.809	0	%100
65	M127A	X	0	0	0	%100
66	M127A	Z	1.856	1.856	0	%100
67	M128A	X	0	0	0	%100
68	M128A	Z	.809	.809	0	%100
69	M129A	X	0	0	0	%100
70	M129A	Z	.809	.809	0	%100
71	M132A	X	0	0	0	%100
72	M132A	Z	5.099	5.099	0	%100
73	M133A	X	0	0	0	%100
74	M133A	Z	4.428	4.428	0	%100
75	M136B	X	0	0	0	%100
76	M136B	Z	2.422	2.422	0	%100
77	M140A	X	0	0	0	%100
78	M140A	Z	2.422	2.422	0	%100
79	M142A	X	0	0	0	%100
80	M142A	Z	2.422	2.422	0	%100
81	M144A	X	0	0	0	%100
82	M144A	Z	5.099	5.099	0	%100
83	M145B	X	0	0	0	%100
84	M145B	Z	4.428	4.428	0	%100
85	M148A	X	0	0	0	%100
86	M148A	Z	2.422	2.422	0	%100
87	M152	X	0	0	0	%100
88	M152	Z	2.422	2.422	0	%100
89	M154	X	0	0	0	%100
90	M154	Z	2.422	2.422	0	%100 %400
91	M152A	X	0	0	0	%100
92	M152A	Z	3.137	3.137	0	%100 %400
93	M153A	X	0	0	0	%100
94	M153A	Z	3.137	3.137	0	%100
95	M156	X	0	0	0	%100 %400
96	M156	Z	3.983	3.983	0	%100



	Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
97	M160	X	0	0	0	%100 ·
98	M160	Z	2.735	2.735	0	%100
99	M161	X	0	0	0	%100
100	M161	Z	2.735	2.735	0	%100
101	M164	X	0	0	0	%100
102	M164	Z	.996	.996	0	%100
103	M169	X	0	0	0	%100
104	M169	Z	2.735	2.735	0	%100
105	M170	X	0	0	0	%100
106	M170	Z	2.735	2.735	0	%100
107	M173	X	0	0	0	%100
108	M173	Z	.996	.996	0	%100
109	M173A	X	0	0	0	%100
110	M173A	Z	1.939	1.939	0	%100
111	M174	X	0	0	0	%100
112	M174	Z	2.998	2.998	0	%100
113	M175	X	0	0	0	%100
114	M175	Z	1.862	1.862	0	%100
115	M176	X	0	0	0	%100
116	M176	Z	2.998	2.998	0	%100
117	M177	X	0	0	0	%100
118	M177	Z	2.023	2.023	0	%100
119	M178	X	0	0	0	%100
120	M178	Z	2.998	2.998	0	%100
121	M179	X	0	0	0	%100
122	M179	Z	1.841	1.841	0	%100
123	M180	X	0	0	0	%100
124	M180	Z	1.939	1.939	0	%100
125	M181	X	0	0	0	%100
126	M181	Z	2.998	2.998	0	%100
127	M182	X	0	0	0	%100
128	M182	Z	1.862	1.862	0	%100
129	M183	X	0	0	0	%100
130	M183	Z	2.998	2.998	0	%100
131	M184	X	0	0	0	%100
132	M184	Z	2.023	2.023	0	%100
133	M185	X	0	0	0	%100
134	M185	Z	2.998	2.998	0	%100
135	M186	X	0	0	0	%100
136	M186	Z	1.841	1.841	0	%100
137	MP2A	X	0	0	0	%100
138	MP2A	Z	2.836	2.836	0	%100 %400
139	MP3A	X	0	0	0	%100
140	MP3A	Z	2.836	2.836	0	%100
141	MP4A	X	0	0	0	%100 %400
142	MP4A	Z	2.836	2.836	0	%100 %400
143	MP1C	X	0	0	0	%100 %400
144	MP1C	Z	2.836	2.836	0	%100 %400
145	MP2C	X	0	0	0	%100 %400
146	MP2C	Z	2.836	2.836	0	%100 %400
147	MP3C	X	0	0	0	%100 %400
148	MP3C	Z	2.836	2.836	0	%100 %400
149	MP4C	X Z	0	0	0	%100 %100
150	MP4C		2.836	2.836	0	%100 %100
151	MP1B	X Z	0	0	0	%100 %100
152	MP1B		2.836	2.836	0	%100 %100
153	MP2B	X	0	0	0	%100

Member Label Direction Start Macanitudelloff, Start Location(ft, %) End Location(ft, %) 155 MP3B				. Ottactare Wi			
1556 MP3B X	4=4					_	
156						•	
157				-			
158						•	
159							
160				2.836			
161						0	
162		M148B	Z	2.326	2.326	0	
163		M153B					
164				.073	.073		
165	163	M154B			0	0	%100
166	164	M154B	Z	.073	.073	0	%100
167	165	M159A	Χ	0	0	0	%100
167	166	M159A	Z	.073	.073	0	%100
168		M160A	Х		0	0	%100
169				.073	.073		
170			X	0		0	
171			Z	2.326	2.326		
172							
173							
174							
175			Z				
176							
177 M174A X 0 0 %100 178 M174A Z .548 .548 0 %100 179 M176A X 0 0 0 %100 180 M176A Z 2.326 2.326 0 %100 181 M181A X 0 0 0 %100 182 M181A Z 1.022 1.022 0 %100 183 M182A X 0 0 0 %100 184 M182A Z 1.022 1.022 0 %100 185 M187B X 0 0 0 %100 186 M187B X 0 0 0 %100 187 M188 X 0 0 0 %100 188 M187C X 0 0 0 %100 199 M187C X 0 <td< td=""><td></td><td></td><td></td><td>-</td><td></td><td></td><td></td></td<>				-			
178						•	
179 M176A			7				
180			X				
181				2.326			
182 M181A Z 1.022 1.022 0 %100 183 M182A X 0 0 0 %100 184 M182A Z 1.022 1.022 0 %100 185 M187B X 0 0 0 %100 186 M187B Z 1.022 1.022 0 %100 187 M188 X 0 0 0 %100 188 M188 Z 1.022 1.022 0 %100 189 M187C X 0 0 0 %100 190 M187C Z 2.192 2.192 0 %100 191 M190 X 0 0 0 %100 192 M190 Z 2.192 2.192 0 %100 193 M193 X 0 0 0 %100 194 M193 Z <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>							
183 M182A X 0 0 %100 184 M182A Z 1.022 1.022 0 %100 185 M187B X 0 0 0 %100 186 M187B Z 1.022 1.022 0 %100 187 M188 X 0 0 0 %100 188 M188 Z 1.022 1.022 0 %100 189 M187C X 0 0 0 %100 190 M187C X 0 0 0 %100 190 M187C X 0 0 0 %100 191 M190 X 0 0 0 %100 191 M190 X 0 0 0 %100 192 M193 X 0 0 0 %100 193 M193 X 0 0				1.022	1.022		
184 M182A Z 1.022 1.022 0 %100 185 M187B X 0 0 0 %100 186 M187B Z 1.022 1.022 0 %100 187 M188 X 0 0 0 %100 188 M188 Z 1.022 1.022 0 %100 189 M187C X 0 0 0 %100 190 M187C Z 2.192 0 %100 191 M190 X 0 0 0 %100 192 M190 X 0 0 0 %100 193 M193 X 0 0 0 %100 194 M193 Z 2.192 2.192 0 %100 195 M198 X 0 0 0 %100 195 M198 Z 2.836						0	
185 M187B X 0 0 %100 186 M187B Z 1.022 1.022 0 %100 187 M188 X 0 0 0 %100 188 M188 Z 1.022 1.022 0 %100 189 M187C X 0 0 0 %100 190 M187C Z 2.192 2.192 0 %100 191 M190 X 0 0 0 %100 191 M190 X 0 0 0 %100 192 M190 Z 2.192 0 %100 193 M193 X 0 0 0 %100 194 M193 Z 2.192 2.192 0 %100 195 M198 X 0 0 0 %100 195 M198 X 0 0 0				1.022	1.022	0	
186 M187B Z 1.022 1.022 0 %100 187 M188 X 0 0 0 %100 188 M188 Z 1.022 1.022 0 %100 189 M187C X 0 0 0 %100 190 M187C Z 2.192 2.192 0 %100 191 M190 X 0 0 0 %100 192 M190 Z 2.192 2.192 0 %100 193 M193 X 0 0 0 %100 194 M193 Z 2.192 0 %100 195 M198 X 0 0 0 %100 195 M198 X 0 0 0 %100 197 M201 X 0 0 0 %100 198 M201 X 0 0<			Х	0	0	0	%100
187 M188 X 0 0 0 %100 188 M188 Z 1.022 1.022 0 %100 189 M187C X 0 0 0 %100 190 M187C Z 2.192 2.192 0 %100 191 M190 X 0 0 0 %100 192 M190 Z 2.192 2.192 0 %100 193 M193 X 0 0 0 %100 194 M193 Z 2.192 2.192 0 %100 195 M198 X 0 0 0 %100 195 M198 X 0 0 0 %100 196 M198 Z 2.836 2.836 0 %100 197 M201 X 0 0 0 %100 198 M204 X <td< td=""><td></td><td></td><td></td><td>1.022</td><td>1.022</td><td>0</td><td></td></td<>				1.022	1.022	0	
188 M187C X 0 0 0 %100 189 M187C X 0 0 0 %100 190 M187C Z 2.192 2.192 0 %100 191 M190 X 0 0 0 %100 192 M190 Z 2.192 0 %100 193 M193 X 0 0 0 %100 194 M193 Z 2.192 0 %100 195 M198 X 0 0 0 %100 196 M198 Z 2.836 2.836 0 %100 %100 %100		M188	Х	0		0	%100
189 M187C X 0 0 %100 190 M187C Z 2.192 2.192 0 %100 191 M190 X 0 0 0 %100 192 M190 Z 2.192 2.192 0 %100 193 M193 X 0 0 0 %100 194 M193 Z 2.192 2.192 0 %100 195 M198 X 0 0 0 %100 196 M198 Z 2.836 2.836 0 %100 197 M201 X 0 0 0 %100 198 M201 Z 2.836 2.836 0 %100 199 M204 X 0 0 0 %100 200 M204 Z 2.836 2.836 0 %100 201 M209 X 0	188	M188		1.022	1.022	0	%100
190 M187C Z 2.192 2.192 0 %100 191 M190 X 0 0 0 %100 192 M190 Z 2.192 2.192 0 %100 193 M193 X 0 0 0 %100 194 M193 Z 2.192 2.192 0 %100 195 M198 X 0 0 0 %100 195 M198 X 0 0 0 %100 196 M198 Z 2.836 2.836 0 %100 197 M201 X 0 0 0 %100 198 M201 Z 2.836 2.836 0 %100 199 M204 X 0 0 0 %100 200 M204 Z 2.836 2.836 0 %100 201 M209 X			Х	0	0	0	
191 M190 X 0 0 %100 192 M190 Z 2.192 2.192 0 %100 193 M193 X 0 0 0 %100 194 M193 Z 2.192 2.192 0 %100 195 M198 X 0 0 0 %100 196 M198 Z 2.836 2.836 0 %100 197 M201 X 0 0 0 %100 198 M201 Z 2.836 2.836 0 %100 199 M204 X 0 0 0 %100 200 M204 Z 2.836 2.836 0 %100 201 M209 X 0 0 0 %100 202 M209 Z 3.137 3.137 0 %100 203 M214 X 0				2.192	2.192	0	
192 M190 Z 2.192 2.192 0 %100 193 M193 X 0 0 0 %100 194 M193 Z 2.192 2.192 0 %100 195 M198 X 0 0 0 %100 196 M198 Z 2.836 2.836 0 %100 197 M201 X 0 0 0 %100 198 M201 Z 2.836 2.836 0 %100 199 M204 X 0 0 0 %100 200 M204 X 0 0 %100 201 M204 X 0 0 %100 201 M209 X 0 0 %100 202 M209 Z 3.137 3.137 0 %100 203 M214 X 0 0 0 %	191	M190	Χ	0	0	0	%100
194 M193 Z 2.192 2.192 0 %100 195 M198 X 0 0 0 %100 196 M198 Z 2.836 2.836 0 %100 197 M201 X 0 0 0 %100 198 M201 Z 2.836 2.836 0 %100 199 M204 X 0 0 0 %100 200 M204 X 0 0 0 %100 201 M209 X 0 0 0 %100 202 M209 Z 3.137 3.137 0 %100 203 M214 X 0 0 0 %100 204 M214 Z .784 .784 0 %100 205 M219 X 0 0 0 %100 206 M219 Z .78	192	M190		2.192	2.192	0	%100
195 M198 X 0 0 %100 196 M198 Z 2.836 2.836 0 %100 197 M201 X 0 0 0 %100 198 M201 Z 2.836 2.836 0 %100 199 M204 X 0 0 0 %100 200 M204 Z 2.836 2.836 0 %100 201 M209 X 0 0 0 %100 202 M209 Z 3.137 3.137 0 %100 203 M214 X 0 0 0 %100 204 M214 X 0 0 %100 205 M219 X 0 0 %100 206 M219 X 0 0 %100 207 M226 X 0 0 %100 208 <td>193</td> <td>M193</td> <td>X</td> <td>0</td> <td>0</td> <td>0</td> <td>%100</td>	193	M193	X	0	0	0	%100
195 M198 X 0 0 %100 196 M198 Z 2.836 2.836 0 %100 197 M201 X 0 0 0 %100 198 M201 Z 2.836 2.836 0 %100 199 M204 X 0 0 0 %100 200 M204 Z 2.836 2.836 0 %100 201 M209 X 0 0 0 %100 202 M209 Z 3.137 3.137 0 %100 203 M214 X 0 0 0 %100 204 M214 X 0 0 %100 205 M219 X 0 0 %100 206 M219 X 0 0 %100 207 M226 X 0 0 %100 208 <td></td> <td></td> <td>Z</td> <td>2.192</td> <td>2.192</td> <td>0</td> <td>%100</td>			Z	2.192	2.192	0	%100
196 M198 Z 2.836 2.836 0 %100 197 M201 X 0 0 0 %100 198 M201 Z 2.836 2.836 0 %100 199 M204 X 0 0 0 %100 200 M204 Z 2.836 2.836 0 %100 201 M209 X 0 0 0 %100 202 M209 Z 3.137 3.137 0 %100 203 M214 X 0 0 0 %100 204 M214 Z .784 .784 0 %100 205 M219 X 0 0 0 %100 206 M219 Z .784 .784 0 %100 207 M226 X 0 0 0 %100 208 M226 Z <			X				
197 M201 X 0 0 %100 198 M201 Z 2.836 2.836 0 %100 199 M204 X 0 0 0 %100 200 M204 Z 2.836 2.836 0 %100 201 M209 X 0 0 0 %100 202 M209 Z 3.137 3.137 0 %100 203 M214 X 0 0 0 %100 204 M214 Z .784 .784 0 %100 205 M219 X 0 0 %100 206 M219 Z .784 .784 0 %100 207 M226 X 0 0 %100 208 M226 Z 3.724 3.724 0 %100 209 M227 X 0 0 0 <				2.836	2.836		
198 M201 Z 2.836 2.836 0 %100 199 M204 X 0 0 0 %100 200 M204 Z 2.836 2.836 0 %100 201 M209 X 0 0 0 %100 202 M209 Z 3.137 3.137 0 %100 203 M214 X 0 0 0 %100 204 M214 Z .784 .784 0 %100 205 M219 X 0 0 %100 206 M219 Z .784 .784 0 %100 207 M226 X 0 0 %100 208 M226 Z 3.724 3.724 0 %100 209 M227 X 0 0 %100			X				
199 M204 X 0 0 0 %100 200 M204 Z 2.836 2.836 0 %100 201 M209 X 0 0 0 %100 202 M209 Z 3.137 3.137 0 %100 203 M214 X 0 0 0 %100 204 M214 Z .784 .784 0 %100 205 M219 X 0 0 %100 206 M219 Z .784 .784 0 %100 207 M226 X 0 0 %100 208 M226 Z 3.724 3.724 0 %100 209 M227 X 0 0 %100			Ζ	2.836	2.836		
200 M204 Z 2.836 2.836 0 %100 201 M209 X 0 0 %100 202 M209 Z 3.137 3.137 0 %100 203 M214 X 0 0 0 %100 204 M214 Z .784 .784 0 %100 205 M219 X 0 0 %100 206 M219 Z .784 .784 0 %100 207 M226 X 0 0 %100 208 M226 Z 3.724 3.724 0 %100 209 M227 X 0 0 %100			X	0	0	0	
201 M209 X 0 0 0 %100 202 M209 Z 3.137 3.137 0 %100 203 M214 X 0 0 0 %100 204 M214 Z .784 .784 0 %100 205 M219 X 0 0 0 %100 206 M219 Z .784 .784 0 %100 207 M226 X 0 0 %100 208 M226 Z 3.724 3.724 0 %100 209 M227 X 0 0 %100		M204	Z	2.836	2.836		%100
202 M209 Z 3.137 3.137 0 %100 203 M214 X 0 0 %100 204 M214 Z .784 .784 0 %100 205 M219 X 0 0 0 %100 206 M219 Z .784 .784 0 %100 207 M226 X 0 0 %100 208 M226 Z 3.724 3.724 0 %100 209 M227 X 0 0 %100		M209	X	0	0	0	
203 M214 X 0 0 0 %100 204 M214 Z .784 .784 0 %100 205 M219 X 0 0 0 %100 206 M219 Z .784 .784 0 %100 207 M226 X 0 0 0 %100 208 M226 Z 3.724 3.724 0 %100 209 M227 X 0 0 %100			Z	3.137	3.137		
204 M214 Z .784 .784 0 %100 205 M219 X 0 0 0 %100 206 M219 Z .784 .784 0 %100 207 M226 X 0 0 0 %100 208 M226 Z 3.724 3.724 0 %100 209 M227 X 0 0 %100			X	0		0	
205 M219 X 0 0 0 %100 206 M219 Z .784 .784 0 %100 207 M226 X 0 0 0 %100 208 M226 Z 3.724 3.724 0 %100 209 M227 X 0 0 %100	204	M214	Z	.784	.784	0	%100
206 M219 Z .784 .784 0 %100 207 M226 X 0 0 0 %100 208 M226 Z 3.724 3.724 0 %100 209 M227 X 0 0 %100	205	M219	X			0	
207 M226 X 0 0 0 %100 208 M226 Z 3.724 3.724 0 %100 209 M227 X 0 0 %100			Z	.784	.784	0	
208 M226 Z 3.724 0 %100 209 M227 X 0 0 %100		M226	X	0	0		%100
209 M227 X 0 0 0 %100			Ζ	3.724	3.724		
	209				0	0	%100
	210	M227		.931	.931	0	%100



	Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
211	M228	X	0	0	0	%100
212	M228	Z	.931	.931	0	%100
213	M231	X	0	0	0	%100
214	M231	Z	1.115	1.115	0	%100
215	M233	X	0	0	0	%100
216	M233	Z	.279	.279	0	%100
217	M237	X	0	0	0	%100
218	M237	Z	.279	.279	0	%100
219	M242	X	0	0	0	%100
220	M242	Z	1.869	1.869	0	%100
221	M243	X	0	0	0	%100
222	M243	Z	2.267	2.267	0	%100
223	M244	X	0	0	0	%100
224	M244	Z	3.228	3.228	0	%100
225	M251A	X	0	0	0	%100
226	M251A	Z	3.228	3.228	0	%100
227	M253	X	0	0	0	%100
228	M253	Z	3.228	3.228	0	%100
229	M256	X	0	0	0	%100
230	M256	Z	2.583	2.583	0	%100
231	M257	X	0	0	0	%100
232	M257	Z	3.677	3.677	0	%100
233	M258	Х	0	0	0	%100
234	M258	Z	3.677	3.677	0	%100
235	M259	X	0	0	0	%100
236	M259	Z	3.027	3.027	0	%100
237	M260	Χ	0	0	0	%100
238	M260	Z	3.117	3.117	0	%100
239	M261	X	0	0	0	%100
240	M261	Z	3.228	3.228	0	%100
241	M262	X	0	0	0	%100
242	M262	Z	3.027	3.027	0	%100
243	M263	Χ	0	0	0	%100
244	M263	Z	3.117	3.117	0	%100
245	M264	Χ	0	0	0	%100
246	M264	Z	3.228	3.228	0	%100

	Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
1	M1	X	85	85	0	%100 ·
2	M1	Z	1.472	1.472	0	%100
3	M2	X	738	738	0	%100
4	M2	Ζ	1.278	1.278	0	%100
5	M3	X	-1.614	-1.614	0	%100
6	M3	Ζ	2.796	2.796	0	%100
7	M6	Χ	404	404	0	%100
8	M6	Z	.699	.699	0	%100
9	M27	X	-1.214	-1.214	0	%100
10	M27	Ζ	2.103	2.103	0	%100
11	M33	Χ	-1.214	-1.214	0	%100
12	M33	Ζ	2.103	2.103	0	%100
13	M34	X	-2.784	-2.784	0	%100
14	M34	Ζ	4.823	4.823	0	%100
15	M35	X	-2.784	-2.784	0	%100
16	M35	Z	4.823	4.823	0	%100
17	MP1A	Χ	-1.418	-1.418	0	%100



	Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
18	MP1A	Z	2.456	2.456	0	%100
19	M147	X	456	456	0	%100
20	M147	Z	.789	.789	0	%100
21	M148	X	456	456	0	%100
22	M148	Z	.789	.789	0	%100
23	M103A	X	-1.283	-1.283	0	%100
24	M103A	Z	2.222	2.222	0	%100
25	M104A	X	-1.499	-1.499	0	%100
26	M104A	Z	2.597	2.597	0	%100
27	M101A	X	-1.44	-1.44	0	%100
28	M101A	Z	2.494	2.494	0	%100
29	M101B	X	-1.499	-1.499	0	%100
30	M101B	Z	2.597	2.597	0	%100
31	M102A	X	-1.289	-1.289	0	%100
32	M102A	Z	2.232	2.232	0	%100
33	M103B	X	-1.499	-1.499	0	%100
34	M103B	Z	2.597	2.597	0	%100
35	M104B	X	-1.439	-1.439	0	%100
36	M104B	Z	2.492	2.492	0	%100
37	M110B	X	-1.568	-1.568	0	%100
38	M110B	Z	2.717	2.717	0	%100
39	M109B	X	-1.214	-1.214	0	%100
40	M109B	Z	2.103	2.103	0	%100
41	M110C	X	-1.214	-1.214	0	%100
42	M110C	Z	2.103	2.103	0	%100
43	M108A	X	-1.214	-1.214	0	%100
44	M108A	Z	2.103	2.103	0	%100
45	M109A	X	-1.214	-1.214	0	%100
46	M109A	Z	2.103	2.103	0	%100
47	M112A	X	0	0	0	%100
48	M112A	Z	0	0	0	%100
49	M113A	X	0	0	0	%100
50	M113A	Z	0	0	0	%100
51	M116A	X	-2.784	-2.784	0	%100
52	M116A	Z	4.823	4.823	0	%100
53	M117B	X	0	0	0	%100
54	M117B	Z	0	0	0	%100
55	M118A	X	404	404	0	%100 %400
56	M118A	Z	.699	.699	0	%100
57	M118C M118C	X	404 .699	404	0	%100 %100
58	M118C M122A	Z	-2.784	.699 -2.784	0	
59 60	M122A M122A	X Z	4.823	4.823	0	%100 %100
61	M123A	X	-1.214	-1.214	0	%100 %100
62	M123A	Z	2.103	2.103	0	%100 %100
63	M124A	X	-1.214	-1.214	0	%100 %100
64	M124A	Z	2.103	2.103	0	%100 %100
65	M127A	X	0	0	0	%100 %100
66	M127A	Z	0	0	0	%100 %100
67	M128A	X	0	0	0	%100 %100
68	M128A	Z	0	0	0	%100 %100
69	M129A	X	0	0	0	%100 %100
70	M129A M129A	Z	0	0	0	%100 %100
71	M132A	X	85	85	0	%100 %100
72	M132A	Z	1.472	1.472	0	%100 %100
73	M133A	X	738	738	0	%100 %100
74	M133A	Z	1.278	1.278	0	%100 %100
74	IVITOOA		1.270	1.270	U	/0 100

	Der Distributed Lot					
75	Member Label	Direction	, <u> </u>	End Magnitude[lb/ft,F	_	End Location[ft,%]
75	M136B	<u>X</u>	404	404	0	%100
76	M136B	Z	.699	.699	0	%100
77	M140A	<u>X</u>	404	404	0	%100
78	M140A	Z	.699	.699	0	%100
79	M142A	Χ	404	404	0	%100
80	M142A	Z	.699	.699	0	%100
81	M144A	Χ	-3.399	-3.399	0	%100
82	M144A	Z	5.888	5.888	0	%100
83	M145B	X	-2.952	-2.952	0	%100
84	M145B	Z	5.113	5.113	0	%100
85	M148A	X	-1.615	-1.615	0	%100
86	M148A	Z	2.797	2.797	0	%100
87	M152	X	-1.615	-1.615	0	%100
88	M152	Z	2.797	2.797	0	%100
89	M154	X	-1.615	-1.615	0	%100
90	M154	Z	2.797	2.797	0	%100
91	M152A	Χ	-1.568	-1.568	0	%100
92	M152A	Z	2.717	2.717	0	%100
93	M153A	Χ	-1.568	-1.568	0	%100
94	M153A	Z	2.717	2.717	0	%100
95	M156	Χ	-1.494	-1.494	0	%100
96	M156	Ζ	2.587	2.587	0	%100
97	M160	X	456	456	0	%100
98	M160	Z	.789	.789	0	%100
99	M161	X	456	456	0	%100
100	M161	Z	.789	.789	0	%100
101	M164	Χ	-1.494	-1.494	0	%100
102	M164	Ζ	2.587	2.587	0	%100
103	M169	X	-1.823	-1.823	0	%100
104	M169	Z	3.158	3.158	0	%100
105	M170	Χ	-1.823	-1.823	0	%100
106	M170	Z	3.158	3.158	0	%100
107	M173	X	0	0	0	%100
108	M173	Z	0	0	0	%100
109	M173A	X	-1.283	-1.283	0	%100
110	M173A	Z	2.222	2.222	0	%100
111	M174	X	-1.499	-1.499	0	%100
112	M174	Z	2.597	2.597	0	%100
113	M175	X	-1.44	-1.44	0	%100
114	M175	Z	2.494	2.494	0	%100
115	M176	X	-1.499	-1.499	0	%100
116	M176	Z	2.597	2.597	0	%100
117	M177	X	-1.289	-1.289	0	%100
118	M177	Z	2.232	2.232	0	%100
119	M178	X	-1.499	-1.499	0	%100
120	M178	Z	2.597	2.597	0	%100
121	M179	X	-1.439	-1.439	0	%100
122	M179	Z	2.492	2.492	0	%100
123	M180	<u>X</u>	813	813	0	%100
124	M180	Z	1.408	1.408	0	%100
125	M181	X	-1.499	-1.499	0	%100
126	M181	Z	2.597	2.597	0	%100
127	M182	<u>X</u>	676	676	0	%100
128	M182	Z	1.172	1.172	0	%100
129	M183	X	-1.499	-1.499	0	%100
130	M183	Z	2.597	2.597	0	%100
131	M184	Х	873	873	0	%100

Member Laber Direction Start Nagnitude(Inff., End Magnitude(Inff., Start Location(III.%) End Location(III.%) 133 M185 X				. Otractare vii			
133				1		Start Location[ft,%]	
134						•	
136	133	M185	X	-1.499	-1.499	0	%100
136	134	M185	Z	2.597	2.597	0	%100
136	135	M186	X	661	661	0	%100
137							
138							
139							
140							
141							
142							
143							
144							
145							
146						•	
147							
148							
MP4C							
150							
150							
151	150	MP4C	Z			0	%100
152						0	
153							
154 MP2B Z 2.456 2.456 0 %100 155 MP3B X -1.418 -1.418 0 %100 156 MP3B Z 2.456 2.456 0 %100 157 MP4B X -1.418 -1.418 0 %100 158 MP4B Z 2.456 2.456 0 %100 159 M148B X -1.163 -1.163 0 %100 159 M148B X -1.163 -1.163 0 %100 160 M148B X -2.74 -2.74 0 %100 161 M153B X -2.74 -2.74 0 %100 162 M153B X -2.74 -2.74 0 %100 163 M154B X -2.74 -2.74 0 %100 165 M159A X -2.74 -2.74 0 %100							
155 MP3B X -1.418 -1.418 0 %100 156 MP3B Z 2.456 2.456 0 %100 157 MP4B X -1.418 -1.418 0 %100 158 MP4B Z 2.456 2.456 0 %100 159 M148B X -1.163 -1.163 0 %100 160 M148B Z 2.014 2.014 0 %100 161 M153B X 274 274 0 %100 162 M153B Z 474 474 0 %100 163 M154B X 274 274 0 %100 164 M154B X 274 274 0 %100 165 M159A X 274 274 0 %100 166 M159A X 274 274 0 %100 <							
156 MP3B Z 2,456 2,456 0 %100 157 MP4B X -1,418 -1,418 0 %100 158 MP4B Z 2,456 2,456 0 %100 159 M148B X -1,163 -1,163 0 %100 160 M148B Z 2,014 2,014 0 %100 161 M153B X -2,74 -2,74 0 %100 162 M153B Z 4,74 4,74 0 %100 163 M154B X -2,74 -2,74 0 %100 164 M154B Z 4,74 4,74 0 %100 165 M159A X -2,74 -2,74 0 %100 166 M159A X -2,74 -2,74 0 %100 167 M160A X -2,74 -2,74 0 %100 168 M160A Z 4,74 4,74 0 %100 168 M160A Z 4,74 4,74 0 %100 168 M160A Z 4,74 4,74 0 %100 169 M162A X -1,163 0 %100 170 M162A Z 2,014 2,014 0 %100 171 M167A X -0,37 -0,37 0 %100 172 M167A Z 064 064 0 %100 173 M168A X -0,37 -0,37 0 %100 174 M168A X -0,37 -0,37 0 %100 175 M173B X -0,37 -0,37 0 %100 176 M173B X -0,37 -0,37 0 %100 177 M174A X -0,37 -0,37 0 %100 178 M174A X -0,37 -0,37 0 %100 179 M176A X -1,163 -1,163 0 %100 179 M176A X -0,37 -0,37 0 %100 179 M176A X -1,163 -1,163 0 %100 179 M176A X -0,37 -0,37 0 %100 179 M176A X -1,163 -1,163 0 %100 179 M176A X -1,163 -1,163 0 %100 180 M174A X -0,37 -0,37 0 %100 181 M181A X -5,511 -5,511 0 %100 185 M187B X -5,511 -5,511 0 %100 186 M187B Z 885 885 0 %100 187 M188 X -5,511 -5,511 0 %100						•	
157 MP4B							
158							
159							
160 M148B Z 2.014 2.014 0 %100 161 M153B X 274 274 0 %100 162 M153B Z .474 .474 0 %100 163 M154B X 274 274 0 %100 164 M154B Z .474 .474 0 %100 165 M159A X 274 274 0 %100 166 M159A X 274 274 0 %100 167 M160A X 274 274 0 %100 167 M160A X 274 274 0 %100 168 M160A X 274 274 0 %100 169 M162A X 1.163 -1.163 0 %100 170 M162A X -1.163 -1.163 0 %100							
161 M153B X 274 274 0 %100 162 M153B Z .474 .474 0 %100 163 M154B X 274 274 0 %100 164 M154B Z .474 .474 0 %100 165 M159A X 274 274 0 %100 166 M159A Z .474 .474 0 %100 166 M159A Z .474 .474 0 %100 167 M160A X 274 274 0 %100 168 M160A X 274 .274 0 %100 169 M162A X -1.163 -1.163 0 %100 170 M162A Z 2.014 2.014 0 %100 172 M167A X 037 037 0 %100 17							
162 M153B Z .474 .474 0 %100 163 M154B X 274 274 0 %100 164 M154B Z .474 .474 0 %100 165 M159A X 274 274 0 %100 166 M159A Z .474 .474 0 %100 167 M160A X 274 274 0 %100 168 M160A X 274 274 0 %100 169 M162A X 1.163 -1.163 0 %100 170 M162A X -1.163 -1.163 0 %100 171 M167A X -0.37 037 0 %100 172 M167A Z .064 .064 0 %100 173 M168A X 037 037 0 %100 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>							
163 M154B X 274 274 0 %100 164 M154B Z .474 .474 0 %100 165 M159A X 274 274 0 %100 166 M159A Z .474 .474 0 %100 167 M160A X 274 274 0 %100 168 M160A X 274 274 0 %100 168 M160A X 274 274 0 %100 169 M162A X 1163 -1.163 0 %100 170 M162A X -1.163 -1.163 0 %100 171 M167A X 037 037 0 %100 172 M167A Z .064 .064 0 %100 173 M168A X 037 037 0 %100 <							
164 M154B Z .474 .474 0 %100 165 M159A X 274 274 0 %100 166 M159A Z .474 .474 0 %100 167 M160A X 274 274 0 %100 168 M160A Z .474 .474 0 %100 169 M162A X -1.163 -1.163 0 %100 170 M162A Z 2.014 2.014 0 %100 171 M167A X 037 037 0 %100 171 M167A X 037 037 0 %100 173 M168A X 037 037 0 %100 175 M173B X 037 037 0 %100 175 M174A X 037 037 0 %100 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>							
165 M159A X 274 274 0 %100 166 M159A Z .474 .474 0 %100 167 M160A X 274 274 0 %100 168 M160A Z .474 .474 0 %100 169 M162A X -1.163 -1.163 0 %100 170 M162A Z 2.014 2.014 0 %100 171 M167A X 037 037 0 %100 172 M167A Z .064 .064 0 %100 173 M168A X 037 037 0 %100 174 M168A X 037 037 0 %100 175 M173B X 037 037 0 %100 175 M173B Z .064 .064 0 %100 1							
166 M159A Z .474 .474 0 %100 167 M160A X 274 274 0 %100 168 M160A Z .474 .474 0 %100 169 M162A X -1.163 -1.163 0 %100 170 M162A Z 2.014 2.014 0 %100 171 M167A X 037 037 0 %100 172 M167A Z .064 .064 0 %100 173 M168A X 037 037 0 %100 174 M168A Z .064 .064 0 %100 175 M173B X 037 037 0 %100 176 M173B Z .064 .064 0 %100 179 M174A X 037 037 0 %100 179						•	
167 M160A X 274 274 0 %100 168 M160A Z .474 .474 0 %100 169 M162A X -1.163 -1.163 0 %100 170 M162A Z 2.014 2.014 0 %100 171 M167A X 037 037 0 %100 172 M167A Z .064 .064 0 %100 172 M167A Z .064 .064 0 %100 173 M168A X 037 037 0 %100 174 M168A Z .064 .064 0 %100 175 M173B X 037 037 0 %100 176 M173B Z .064 .064 0 %100 177 M174A X 037 037 0 %100 178							
168 M160A Z .474 .474 0 %100 169 M162A X -1.163 -1.163 0 %100 170 M162A Z 2.014 2.014 0 %100 171 M167A X 037 037 0 %100 172 M167A Z .064 .064 0 %100 173 M168A X 037 037 0 %100 174 M168A Z .064 .064 0 %100 174 M168A Z .064 .064 0 %100 175 M173B X 037 037 0 %100 176 M173B Z .064 .064 0 %100 177 M174A X 037 037 0 %100 179 M176A X -1.163 -1.163 0 %100 1							
169 M162A X -1.163 -1.163 0 %100 170 M162A Z 2.014 2.014 0 %100 171 M167A X 037 037 0 %100 172 M167A Z .064 .064 0 %100 173 M168A X 037 037 0 %100 174 M168A Z .064 .064 0 %100 175 M173B X 037 037 0 %100 176 M173B X 037 037 0 %100 177 M174A X 037 037 0 %100 178 M174A X 037 037 0 %100 179 M176A X -1.163 -1.163 0 %100 180 M176A X -2.1163 -5.11 0 %100							
170 M162A Z 2.014 2.014 0 %100 171 M167A X 037 037 0 %100 172 M167A Z .064 .064 0 %100 173 M168A X 037 037 0 %100 174 M168A Z .064 .064 0 %100 175 M173B X 037 037 0 %100 176 M173B Z .064 .064 0 %100 177 M174A X 037 037 0 %100 178 M174A X 037 037 0 %100 179 M176A X -1.163 -1.163 0 %100 180 M176A X -1.163 -1.163 0 %100 181 M181A X 511 511 0 %100 <	168	M160A	Z	.474		0	
171 M167A X 037 037 0 %100 172 M167A Z .064 .064 0 %100 173 M168A X 037 037 0 %100 174 M168A Z .064 .064 0 %100 175 M173B X 037 037 0 %100 176 M173B Z .064 .064 0 %100 177 M174A X 037 037 0 %100 178 M174A Z .064 .064 0 %100 179 M176A X -1.163 -1.163 0 %100 180 M176A X -5.11 0 %100 181 M181A X 511 0 %100 182 M181A X 511 0 %100 183 M182A X 511 </td <td>169</td> <td>M162A</td> <td></td> <td>-1.163</td> <td>-1.163</td> <td>0</td> <td>%100</td>	169	M162A		-1.163	-1.163	0	%100
172 M167A Z .064 .064 0 %100 173 M168A X 037 037 0 %100 174 M168A Z .064 .064 0 %100 175 M173B X 037 037 0 %100 176 M173B Z .064 .064 0 %100 177 M174A X 037 037 0 %100 178 M174A Z .064 .064 0 %100 179 M176A X -1.163 -1.163 0 %100 180 M176A X -5.11 511 0 %100 181 M181A X 511 511 0 %100 182 M181A Z .885 .885 0 %100 184 M182A Z .885 .885 0 %100 185 </td <td>170</td> <td>M162A</td> <td>Z</td> <td></td> <td>2.014</td> <td>0</td> <td>%100</td>	170	M162A	Z		2.014	0	%100
172 M167A Z .064 .064 0 %100 173 M168A X 037 037 0 %100 174 M168A Z .064 .064 0 %100 175 M173B X 037 037 0 %100 176 M173B Z .064 .064 0 %100 177 M174A X 037 037 0 %100 178 M174A Z .064 .064 0 %100 179 M176A X -1.163 -1.163 0 %100 180 M176A X -5.11 0 %100 181 M181A X 511 0 %100 182 M181A X 511 0 %100 183 M182A X 511 511 0 %100 185 M187B X 511 </td <td>171</td> <td></td> <td>X</td> <td>037</td> <td>037</td> <td>0</td> <td>%100</td>	171		X	037	037	0	%100
173 M168A X 037 037 0 %100 174 M168A Z .064 .064 0 %100 175 M173B X 037 037 0 %100 176 M173B Z .064 .064 0 %100 177 M174A X 037 037 0 %100 178 M174A Z .064 .064 0 %100 179 M176A X -1.163 -1.163 0 %100 180 M176A Z 2.014 2.014 0 %100 181 M181A X 511 511 0 %100 182 M181A Z .885 .885 0 %100 183 M182A X 511 511 0 %100 185 M187B X 511 511 0 %100 1			Z			0	
174 M168A Z .064 .064 0 %100 175 M173B X 037 037 0 %100 176 M173B Z .064 .064 0 %100 177 M174A X 037 037 0 %100 178 M174A Z .064 .064 0 %100 179 M176A X -1.163 -1.163 0 %100 180 M176A Z 2.014 2.014 0 %100 181 M181A X 511 511 0 %100 182 M181A Z .885 .885 0 %100 183 M182A X 511 511 0 %100 184 M182A Z .885 .885 0 %100 185 M187B X 511 511 0 %100 186			X				
175 M173B X 037 037 0 %100 176 M173B Z .064 .064 0 %100 177 M174A X 037 037 0 %100 178 M174A Z .064 .064 0 %100 179 M176A X -1.163 -1.163 0 %100 180 M176A Z 2.014 2.014 0 %100 181 M181A X 511 511 0 %100 182 M181A Z .885 .885 0 %100 183 M182A X 511 511 0 %100 184 M182A Z .885 .885 0 %100 186 M187B Z .885 .885 0 %100 187 M188 X 511 511 0 %100							
177 M174A X 037 037 0 %100 178 M174A Z .064 .064 0 %100 179 M176A X -1.163 -1.163 0 %100 180 M176A Z 2.014 2.014 0 %100 181 M181A X 511 511 0 %100 182 M181A Z .885 .885 0 %100 183 M182A X 511 511 0 %100 184 M182A Z .885 .885 0 %100 185 M187B X 511 511 0 %100 186 M187B Z .885 .885 0 %100 187 M188 X 511 511 0 %100			X				
177 M174A X 037 037 0 %100 178 M174A Z .064 .064 0 %100 179 M176A X -1.163 -1.163 0 %100 180 M176A Z 2.014 2.014 0 %100 181 M181A X 511 511 0 %100 182 M181A Z .885 .885 0 %100 183 M182A X 511 511 0 %100 184 M182A Z .885 .885 0 %100 185 M187B X 511 511 0 %100 186 M187B Z .885 .885 0 %100 187 M188 X 511 511 0 %100			7				
178 M174A Z .064 .064 0 %100 179 M176A X -1.163 -1.163 0 %100 180 M176A Z 2.014 2.014 0 %100 181 M181A X 511 511 0 %100 182 M181A Z .885 .885 0 %100 183 M182A X 511 511 0 %100 184 M182A Z .885 .885 0 %100 185 M187B X 511 511 0 %100 186 M187B Z .885 .885 0 %100 187 M188 X 511 511 0 %100							
179 M176A X -1.163 -1.163 0 %100 180 M176A Z 2.014 2.014 0 %100 181 M181A X 511 511 0 %100 182 M181A Z .885 .885 0 %100 183 M182A X 511 511 0 %100 184 M182A Z .885 .885 0 %100 185 M187B X 511 511 0 %100 186 M187B Z .885 .885 0 %100 187 M188 X 511 511 0 %100			7				
180 M176A Z 2.014 2.014 0 %100 181 M181A X 511 511 0 %100 182 M181A Z .885 .885 0 %100 183 M182A X 511 511 0 %100 184 M182A Z .885 .885 0 %100 185 M187B X 511 511 0 %100 186 M187B Z .885 .885 0 %100 187 M188 X 511 511 0 %100							
181 M181A X 511 511 0 %100 182 M181A Z .885 .885 0 %100 183 M182A X 511 511 0 %100 184 M182A Z .885 .885 0 %100 185 M187B X 511 511 0 %100 186 M187B Z .885 .885 0 %100 187 M188 X 511 511 0 %100							
182 M181A Z .885 .885 0 %100 183 M182A X 511 511 0 %100 184 M182A Z .885 .885 0 %100 185 M187B X 511 511 0 %100 186 M187B Z .885 .885 0 %100 187 M188 X 511 511 0 %100							
183 M182A X 511 511 0 %100 184 M182A Z .885 .885 0 %100 185 M187B X 511 511 0 %100 186 M187B Z .885 .885 0 %100 187 M188 X 511 511 0 %100			7				
184 M182A Z .885 .885 0 %100 185 M187B X 511 511 0 %100 186 M187B Z .885 .885 0 %100 187 M188 X 511 511 0 %100							
185 M187B X 511 511 0 %100 186 M187B Z .885 .885 0 %100 187 M188 X 511 511 0 %100							
187 M188 X511511 0 %100							
187 M188 X511511 0 %100			X				
188 M188 Z 885 0 %100			X				
	188	M188	Z	.885	.885	0	%100

	Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
189	M187C	X	-1.096	-1.096	0	%100 ·
190	M187C	Z	1.898	1.898	0	%100
191	M190	X	-1.096	-1.096	0	%100
192	M190	Z	1.898	1.898	0	%100
193	M193	X	-1.096	-1.096	0	%100
194	M193	Z	1.898	1.898	0	%100
195	M198	X	-1.418	-1.418	0	%100
196	M198	Z	2.456	2.456	0	%100
197	M201	X	-1.418	-1.418	0	%100
198	M201	Z	2.456	2.456	0	%100
199	M204	X	-1.418	-1.418	0	%100
200	M204	Z	2.456	2.456	0	%100
201	M209	X	-1.176	-1.176	0	%100
202	M209	Z	2.037	2.037	0	%100
203	M214	X	-1.176	-1.176	0	%100
204	M214	Z	2.037	2.037	0	%100
205	M219	X	0	0	0	%100
206	M219	Z	0	0	0	%100
207	M226	X	-1.396	-1.396	0	%100
208	M226	Z	2.419	2.419	0	%100
209	M227	X	-1.396	-1.396	0	%100
210	M227	Z	2.419	2.419	0	%100
211	M228	X	0	0	0	%100
212	M228	Z	0	0	0	%100
213	M231	X	418	418	0	%100
214	M231	Z	.724	.724	0	%100
215	M233	X	418	418	0	%100
216	M233	Z	.724	.724	0	%100
217	M237	X	0	0	0	%100
218	M237	Z	0	0	0	%100
219	M242	X	-1.127	-1.127	0	%100
220	M242	Z	1.953	1.953	0	%100
221	M243	X	-1.275	-1.275	0	%100
222	M243	Z	2.208	2.208	0	%100
223	M244	X	-1.614	-1.614	0	%100
224	M244	Z	2.796	2.796	0	%100
225	M251A	X	-1.614	-1.614	0	%100
226	M251A	Z	2.796	2.796	0	%100
227	M253	X	-1.614	-1.614	0	%100
228	M253	Z	2.796	2.796	0	%100
229	M256	X	-1.474	-1.474	0	%100
230	M256	Z	2.553	2.553	0	%100
231	M257	X	-1.474	-1.474	0	%100
232	M257	Z	2.553	2.553	0	%100
233	M258	X	-2.021	-2.021	0	%100
234	M258	Z	3.5	3.5	0	%100
235	M259	X	-1.127	-1.127	0	%100
236	M259	Z	1.953	1.953	0	%100
237	M260	X	-1.275	-1.275	0	%100
238	M260	Z	2.208	2.208	0	%100
239	M261	X	-1.614	-1.614	0	%100
240	M261	Z	2.796	2.796	0	%100
241	M262	X	-1.706	-1.706	0	%100
242	M262	Z	2.956	2.956	0	%100
243	M263	X	-1.7	-1.7	0	%100
244	M263	Z	2.944	2.944	0	%100
245	M264	X	-1.614	-1.614	0	%100



	Member Label	Direction	Start Magnitude[lb/ft,	. End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
246	M264	Z	2.796	2.796	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
1	M1	X	-4.416	-4.416	0	%100
2	M1	Ζ	2.549	2.549	0	%100
3	M2	X	-3.835	-3.835	0	%100
4	M2	Z	2.214	2.214	0	%100
5	M3	Х	-2.796	-2.796	0	%100
6	M3	Z	1.614	1.614	0	%100
7	M6	Χ	-2.098	-2.098	0	%100
8	M6	Z	1.211	1.211	0	%100
9	M27	X	701	701	0	%100
10	M27	Z	.405	.405	0	%100
11	M33	Х	701	701	0	%100
12	M33	Z	.405	.405	0	%100
13	M34	X	-1.608	-1.608	0	%100
14	M34	Z	.928	.928	0	%100
15	M35	X	-1.608	-1.608	0	%100
16	M35	Z	.928	.928	0	%100
17	MP1A	X	-2.456	-2.456	0	%100
18	MP1A	Z	1.418	1.418	0	%100 %100
19	M147	X	-2.368	-2.368	0	%100
20	M147	Z	1.367	1.367	0	%100 %100
21	M148	X	-2.368	-2.368	0	%100
22	M148	Z	1.367	1.367	0	%100 %100
23	M103A	X	-1.679	-1.679	0	%100 %100
24	M103A	Z	.969	.969	0	%100 %100
25	M104A	X	-2.597	-2.597	0	%100 %100
26	M104A	Z	1.499	1.499	0	%100 %100
27	M101A	X	-1.612	-1.612	0	%100 %100
28	M101A	Z	.931	.931	0	%100 %100
29	M101B	X	-2.597	-2.597	0	%100 %100
30	M101B	Z	1.499	1.499	0	%100 %100
31	M102A	X	-1.752	-1.752	0	%100 %100
32	M102A	Z	1.011	1.011	0	%100 %100
33	M103B	X	-2.597	-2.597	0	%100 %100
34	M103B	Z	1.499	1.499	0	%100 %100
35	M104B	X	-1.594	-1.594	0	%100 %100
36	M104B	Z	.92	.92	0	%100 %100
37	M110B	X	-2.717	-2.717	0	%100 %100
38	M110B	Z	1.568	1.568	0	%100 %100
39	M109B	X	701	701	0	%100 %100
40	M109B	Z	.405	.405	0	%100 %100
41	M110C	X	701	701	0	%100 %100
42	M110C M110C	Z	.405	.405	0	%100 %100
43	M108A	X	-2.804	-2.804	0	%100 %100
44	M108A	Z	1.619	1.619	0	%100 %100
45	M109A	X	-2.804	-2.804	0	%100 %100
46	M109A	Z	1.619	1.619	0	%100 %100
47	M112A		701	701	0	%100 %100
48	M112A M112A	X Z	.405	.405	0	%100 %100
48	M113A	X	701	701	0	%100 %100
50	M113A	Z	.405	.405	0	%100 %100
51	M116A	X	-6.43	-6.43	0	%100 %100
52	M116A	Z	3.713	3.713	0	%100



	Member Label	Direction	Start Magnitude[lb/ft,	.End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
53	M117B	X	-1.608	-1.608	0	%100
54	M117B	Z	.928	.928	0	%100
55	M118A	X	-2.098	-2.098	0	%100
56	M118A	Z	1.211	1.211	0	%100
57	M118C	X	-2.098	-2.098	0	%100
58	M118C	Z	1.211	1.211	0	%100
59	M122A	X	-6.43	-6.43	0	%100
60	M122A	Z	3.713	3.713	0	%100
61	M123A	X	-2.804	-2.804	0	%100
62	M123A	Z	1.619	1.619	0	%100
63	M124A	X	-2.804	-2.804	0	%100
64	M124A	Z	1.619	1.619	0	%100
65	M127A	X	-1.608	-1.608	0	%100
66	M127A	Z	.928	.928	0	%100
67	M128A	X	701	701	0	%100
68	M128A	Z	.405	.405	0	%100
69	M129A	X	701	701	0	%100
70	M129A	Z	.405	.405	0	%100
71	M132A	X	0	0	0	%100
72	M132A	Z	0	0	0	%100
73	M133A	X	0	0	0	%100
74	M133A	Z	0	0	0	%100
75	M136B	X	0	0	0	%100
76	M136B	Z	0	0	0	%100
77	M140A	X	0	0	0	%100
78	M140A	Z	0	0	0	%100
79	M142A	X	0	0	0	%100
80	M142A	Z	0	0	0	%100
81	M144A	X	-4.416	-4.416	0	%100
82	M144A	Z	2.549	2.549	0	%100
83	M145B	X	-3.835	-3.835	0	%100
84	M145B	Z	2.214	2.214	0	%100
85	M148A	X	-2.098	-2.098	0	%100
86	M148A	Z	1.211	1.211	0	%100 %400
87	M152	X	-2.098	-2.098	0	%100
88	M152	Z	1.211	1.211	0	%100 %400
89	M154	X	-2.098	-2.098	0	%100 %400
90	M154	Z	1.211	1.211	0	%100 %100
91	M152A	X Z	-2.717 1.568	-2.717 1.568	0	%100 %100
93	M152A M153A		-2.717	-2.717		%100 %100
93	M153A M153A	Z	1.568	1.568	0	%100 %100
95	M156	X	862	862	0	%100 %100
96	M156	Z	862 .498	862 .498	0	%100 %100
97	M160	X	.498	0.496	0	%100 %100
98	M160	Z	0	0	0	%100 %100
99	M161	X	0	0	0	%100 %100
100	M161	Z	0	0	0	%100 %100
101	M164	X	-3.449	-3.449	0	%100 %100
102	M164	Z	1.991	1.991	0	%100 %100
103	M169	X	-2.368	-2.368	0	%100 %100
104	M169	Z	1.367	1.367	0	%100 %100
105	M170	X	-2.368	-2.368	0	%100 %100
106	M170	Z	1.367	1.367	0	%100 %100
107	M173	X	862	862	0	%100 %100
108	M173	Z	.498	.498	0	%100 %100
109	M173A	X	-2.493	-2.493	0	%100 %100
50	10111-071		100	2.100	<u> </u>	, , , , , , ,



	Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
110	M173A	Z	1.439	1.439	0	%100
111	M174	X	-2.597	-2.597	0	%100
112	M174	Z	1.499	1.499	0	%100
113	M175	X	-2.935	-2.935	0	%100
114	M175	Z	1.694	1.694	0	%100
115	M176	X	-2.597	-2.597	0	%100
116	M176	Z	1.499	1.499	0	%100
117	M177	X	-2.473	-2.473	0	%100
118	M177	Z	1.428	1.428	0	%100
119	M178	X	-2.597	-2.597	0	%100
120	M178	Z	1.499	1.499	0	%100
121	M179	X	-2.942	-2.942	0	%100
122	M179	Z	1.698	1.698	0	%100
123	M180	X	-1.679	-1.679	0	%100
124	M180	Z	.969	.969	0	%100
125	M181	X	-2.597	-2.597	0	%100
126	M181	Z	1.499	1.499	0	%100
127	M182	X	-1.612	-1.612	0	%100
128	M182	Z	.931	.931	0	%100
129	M183	Х	-2.597	-2.597	0	%100
130	M183	Z	1.499	1.499	0	%100
131	M184	X	-1.752	-1.752	0	%100
132	M184	Z	1.011	1.011	0	%100
133	M185	X	-2.597	-2.597	0	%100
134	M185	Z	1.499	1.499	0	%100
135	M186	X	-1.594	-1.594	0	%100
136	M186	Z	.92	.92	0	%100
137	MP2A	X	-2.456	-2.456	0	%100
138	MP2A	Z	1.418	1.418	0	%100
139	MP3A	X	-2.456	-2.456	0	%100
140	MP3A	Z	1.418	1.418	0	%100
141	MP4A	X	-2.456	-2.456	0	%100
142	MP4A	Z	1.418	1.418	0	%100
143	MP1C	X	-2.456	-2.456	0	%100
144	MP1C	Z	1.418	1.418	0	%100
145	MP2C	X	-2.456	-2.456	0	%100
146	MP2C	Z	1.418	1.418	0	%100
147	MP3C	X	-2.456	-2.456	0	%100
148	MP3C	Z	1.418	1.418	0	%100
149	MP4C	X	-2.456	-2.456	0	%100
150	MP4C	Z	1.418	1.418	0	%100
151	MP1B	X	-2.456	-2.456	0	%100
152	MP1B	Z	1.418	1.418	0	%100
153	MP2B	X	-2.456	-2.456	0	%100
154	MP2B	Z	1.418	1.418	0	%100
155	MP3B	X	-2.456	-2.456	0	%100
156	MP3B	Z	1.418	1.418	0	%100 %100
157	MP4B	X	-2.456	-2.456	0	%100
158	MP4B	Z	1.418	1.418	0	%100
159	M148B	X	-2.014	-2.014	0	%100
160	M148B	Z	1.163	1.163	0	%100 %100
161	M153B	X	885	885	0	%100 %100
162	M153B	Z	.511	.511	0	%100 %100
163	M154B	X	885	885	0	%100 %100
164	M154B	Z	.511	.511	0	%100 %100
165	M159A	X	885	885	0	%100 %100
166	M159A	Z	.511	.511	0	%100 %100
100	WITOUR	_	.011	.011	•	70100



	Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
167	M160A	X	885	885	0	%100 ·
168	M160A	Z	.511	.511	0	%100
169	M162A	X	-2.014	-2.014	0	%100
170	M162A	Z	1.163	1.163	0	%100
171	M167A	X	064	064	0	%100
172	M167A	Z	.037	.037	0	%100
173	M168A	X	064	064	0	%100
174	M168A	Z	.037	.037	0	%100
175	M173B	X	064	064	0	%100
176	M173B	Z	.037	.037	0	%100
177	M174A	X	064	064	0	%100
178	M174A	Z	.037	.037	0	%100
179	M176A	X	-2.014	-2.014	0	%100
180	M176A	Z	1.163	1.163	0	%100
181	M181A	X	474	474	0	%100
182	M181A	Z	.274	.274	0	%100
183	M182A	X	474	474	0	%100
184	M182A	Z	.274	.274	0	%100
185	M187B	X	474	474	0	%100
186	M187B	Z	.274	.274	0	%100
187	M188	X	474	474	0	%100
188	M188	Z	.274	.274	0	%100
189	M187C	X	-1.898	-1.898	0	%100
190	M187C	Z	1.096	1.096	0	%100
191	M190	X	-1.898	-1.898	0	%100
192	M190	Z	1.096	1.096	0	%100
193	M193	X	-1.898	-1.898	0	%100
194	M193	Z	1.096	1.096	0	%100
195	M198	X	-2.456	-2.456	0	%100
196	M198	Z	1.418	1.418	0	%100
197	M201	X	-2.456	-2.456	0	%100
198	M201	Z	1.418	1.418	0	%100
199	M204	X	-2.456	-2.456	0	%100
200	M204	Z	1.418	1.418	0	%100
201	M209	X	679	679	0	%100
202	M209	Z	.392	.392	0	%100 %400
203	M214	X Z	-2.717	-2.717	0	%100 %400
204	M214		1.568	1.568	0	%100 %100
205	M219	X Z	679 .392	679 .392	0	%100 %100
207	M219 M226			806		%100 %100
208	M226	Z	806 .465	806 .465	0	%100 %100
209	M227	X	-3.225	-3.225	0	%100 %100
210	M227	Z	1.862	1.862	0	%100 %100
211	M228	X	806	806	0	%100 %100
212	M228	Z	.465	.465	0	%100 %100
213	M231	X	241	241	0	%100 %100
214	M231	Z	.139	.139	0	%100 %100
215	M233	X	966	966	0	%100 %100
216	M233	Z	.558	.558	0	%100 %100
217	M237	X	241	241	0	%100 %100
218	M237	Z	.139	.139	0	%100 %100
219	M242	X	-2.621	-2.621	0	%100 %100
220	M242	Z	1.513	1.513	0	%100 %100
221	M243	X	-2.699	-2.699	0	%100 %100
222	M243	Z	1.558	1.558	0	%100 %100
223	M244	X	-2.796	-2.796	0	%100 %100
220	IVIムサナ		-2.100	-2.130	<u> </u>	/0100



	Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
224	M244	Ζ	1.614	1.614	0	%100
225	M251A	X	-2.796	-2.796	0	%100
226	M251A	Ζ	1.614	1.614	0	%100
227	M253	X	-2.796	-2.796	0	%100
228	M253	Ζ	1.614	1.614	0	%100
229	M256	X	-3.184	-3.184	0	%100
230	M256	Ζ	1.839	1.839	0	%100
231	M257	X	-2.237	-2.237	0	%100
232	M257	Z	1.292	1.292	0	%100
233	M258	X	-3.184	-3.184	0	%100
234	M258	Ζ	1.839	1.839	0	%100
235	M259	X	-1.618	-1.618	0	%100
236	M259	Ζ	.934	.934	0	%100
237	M260	X	-1.963	-1.963	0	%100
238	M260	Z	1.133	1.133	0	%100
239	M261	X	-2.796	-2.796	0	%100
240	M261	Z	1.614	1.614	0	%100
241	M262	X	-2.621	-2.621	0	%100
242	M262	Z	1.513	1.513	0	%100
243	M263	X	-2.699	-2.699	0	%100
244	M263	Z	1.558	1.558	0	%100
245	M264	Χ	-2.796	-2.796	0	%100
246	M264	Z	1.614	1.614	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft	End Magnitude[lb/ft,F	Start Location[ft.%]	End Location[ft.%]
1	M1	X	-6.798	-6.798	0	%100
2	M1	Z	0	0	0	%100
3	M2	Х	-5.904	-5.904	0	%100
4	M2	Z	0	0	0	%100
5	M3	Χ	-3.228	-3.228	0	%100
6	M3	Z	0	0	0	%100
7	M6	Χ	-3.23	-3.23	0	%100
8	M6	Z	0	0	0	%100
9	M27	Χ	0	0	0	%100
10	M27	Z	0	0	0	%100
11	M33	X	0	0	0	%100
12	M33	Z	0	0	0	%100
13	M34	X	0	0	0	%100
14	M34	Z	0	0	0	%100
15	M35	X	0	0	0	%100
16	M35	Z	0	0	0	%100
17	MP1A	X	-2.836	-2.836	0	%100
18	MP1A	Z	0	0	0	%100
19	M147	X	-3.646	-3.646	0	%100
20	M147	Z	0	0	0	%100
21	M148	X	-3.646	-3.646	0	%100
22	M148	Z	0	0	0	%100
23	M103A	X	-1.626	-1.626	0	%100
24	M103A	Z	0	0	0	%100
25	M104A	X	-2.998	-2.998	0	%100
26	M104A	Z	0	0	0	%100
27	M101A	X	-1.353	-1.353	0	%100
28	M101A	Z	0	0	0	%100
29	M101B	X	-2.998	-2.998	0	%100
30	M101B	Z	0	0	0	%100



	Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
31	M102A	X	-1.745	-1.745	0	%100
32	M102A	Z	0	0	0	%100
33	M103B	Χ	-2.998	-2.998	0	%100
34	M103B	Z	0	0	0	%100
35	M104B	X	-1.322	-1.322	0	%100
36	M104B	Z	0	0	0	%100
37	M110B	X	-3.137	-3.137	0	%100
38	M110B	Z	0	0	0	%100
39	M109B	X	0	0	0	%100
40	M109B	Z	0	0	0	%100
41	M110C	X	0	0	0	%100
42	M110C	Z	0	0	0	%100
43	M108A	X	-2.428	-2.428	0	%100
44	M108A	Z	0	0	0	%100
45	M109A	X	-2.428	-2.428	0	%100
46	M109A	Z	0	0	0	%100
47	M112A	X	-2.428	-2.428	0	%100
48	M112A	Z	0	0	0	%100
49	M113A	X	-2.428	-2.428	0	%100
50	M113A	Z	0	0	0	%100
51	M116A	X	-5.569	-5.569	0	%100
52	M116A	Z	0	0	0	%100
53	M117B	X	-5.569	-5.569	0	%100
54	M117B	Z	0	0	0	%100
55	M118A	X	-3.23	-3.23	0	%100
56	M118A	Z	0	0	0	%100
57	M118C	X	-3.23	-3.23	0	%100
58	M118C	Z	0	0	0	%100
59	M122A	X	-5.569	-5.569	0	%100
60	M122A	Z	0	0	0	%100
61	M123A	X	-2.428	-2.428	0	%100
62	M123A	Z	0	0	0	%100
63	M124A	X	-2.428	-2.428	0	%100
64	M124A	Z	0	0	0	%100
65	M127A	X	-5.569	-5.569	0	%100
66	M127A	Z	0	0	0	%100
67	M128A	X	-2.428	-2.428	0	%100
68	M128A	Z	0	0	0	%100
69	M129A	X	-2.428	-2.428	0	%100
70	M129A	Z	0	0	0	%100
71	M132A	X	-1.7	-1.7	0	%100
72	M132A	Z	0	0	0	%100
73	M133A	X	-1.476	-1.476	0	%100
74	M133A	Z	0	0	0	%100
75	M136B	X	807	807	0	%100
76	M136B	Z	0	0	0	%100
77	M140A	X	807	807	0	%100
78	M140A	Z	0	0	0	%100
79	M142A	X	807	807	0	%100
80	M142A	Z	0	0	0	%100
81	M144A	X	-1.7	-1.7	0	%100
82	M144A	Z	0	0	0	%100
83	M145B	X	-1.476	-1.476	0	%100
84	M145B	Z	0	0	0	%100
85	M148A	X	807	807	0	%100
86	M148A	Z	0	0	0	%100
87	M152	X	807	807	0	%100

89		Member Label	Direction	Start Magnitude[lb/ft,	.End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
90	88	M152	Z	•	•	0	%100
91	89			807	807	0	
92						0	
93				-3.137	-3.137	0	
94					-		
95	93	M153A		-3.137	-3.137	0	%100
96 M156 Z 0 0 0 0 %100 98 M160 X -912 -912 0 0 %100 98 M160 Z 0 0 0 0 0 9 %100 100 M161 X -912 -912 0 0 %100 110 M164 X -2.987 -2.987 0 %100 1101 M164 X -2.997 -2.987 0 %100 1102 M169 X -912 -912 0 0 %100 1103 M169 X -912 -912 0 0 %100 1104 M169 Z 0 0 0 0 %100 1105 M170 X -912 -912 0 0 %100 1105 M170 X -912 -912 0 0 %100 1106 M170 Z 0 0 0 0 %100 1107 M173 X -2.987 -2.987 0 %100 1108 M173 Z 0 0 0 0 %100 1109 M173A X -2.987 -2.987 0 %100 1109 M173A X -2.566 -2.566 0 %100 1110 M173A Z 0 0 0 0 %100 1111 M174 X -2.998 -2.998 0 %100 1112 M174 Z 0 0 0 0 %100 1114 M175 X -2.988 -2.88 0 %100 1115 M176 X -2.998 -2.998 0 %100 1116 M176 Z 0 0 0 %100 117 M177 X -2.578 0 0 %100 118 M177 X -2.578 0 0 %100 119 M178 X -2.998 0 0 %100 1110 M178 X -2.998 0 0 0 0 %100 1111 M174 X -2.578 0 0 0 0 %100 1112 M175 X -2.88 -2.88 0 0 %100 113 M175 X -2.88 -2.88 0 0 %100 114 M175 Z 0 0 0 0 %100 115 M176 X -2.998 0 998 0 %100 116 M176 Z 0 0 0 0 0 %100 117 M177 X -2.578 -2.978 0 %100 118 M177 Z 0 0 0 0 0 %100 119 M178 X -2.998 -2.998 0 %100 120 M178 Z 0 0 0 0 0 %100 121 M179 X -2.578 -2.578 0 %100 122 M179 Z 0 0 0 0 0 %100 124 M189 Z 0 0 0 0 0 %100 125 M181 X -2.998 -2.998 0 %100 126 M181 Z 0 0 0 0 0 %100 127 M182 X -2.988 -2.88 0 0 %100 128 M183 X -2.988 -2.88 0 0 %100 129 M183 X -2.998 -2.998 0 0 %100 131 M184 X -2.998 -2.998 0 0 %100 132 M185 X -2.998 -2.998 0 0 %100 133 M180 X -2.566 -2.566 0 0 %100 134 M184 X -2.878 -2.878 0 0 %100 135 M184 X -2.998 -2.998 0 0 %100 137 M182 X -2.998 -2.998 0 0 %100 138 M185 X -2.998 -2.998 0 0 %100 139 M183 X -2.998 -2.998 0 0 %100 131 M184 X -2.878 -2.878 0 0 0 0 %100 132 M185 X -2.998 -2.998 0 0 %100 133 M185 X -2.998 -2.998 0 0 0 0 0 %100 131 M184 X -2.836 -2.836 0 0 %100 132 M186 X -2.836 0 0 0 0 0 %100 133 M185 X -2.836 0 0 0 0 0 %100 134 M184 X -2.836 -2.836 0 0 0 0 0 %100 139 M183 X -2.836 -2.836 0 0 0 0 0 %100 131 M144 M144 X -2.836 -2.836 0 0 0 0 0 %100 133 M185 X -2.836 0 0 0 0 0 0 0 %100 134 M140 M24A X -2.836 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		M153A		0	0	0	
97			X				
98				•	•		
99					912		
100					•	0	
101						•	
102							
103			X				
104					-		
105							
106					-	•	
107			X				
108				•	•		
109							
110				•	•		
1111 M174 X -2.998 -2.998 0 %100 112 M174 Z 0 0 %100 113 M175 X -2.88 -2.88 0 %100 114 M175 Z 0 0 0 %100 115 M176 X -2.998 -2.998 0 %100 116 M176 Z 0 0 0 %100 117 M177 X -2.578 -2.578 0 %100 118 M177 Z 0 0 0 %100 119 M178 X -2.998 -2.998 0 %100 120 M178 X -2.878 -2.878 0 %100 121 M179 X -2.878 -2.878 0 %100 122 M179 Z 0 0 0 %100 123 M180 X			X			•	
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113 M175 X -2.88 -2.88 0 %100 114 M175 Z 0 0 0 %100 115 M176 X -2.998 0 %100 116 M176 Z 0 0 0 %100 117 M176 X -2.578 -2.578 0 %100 117 M177 X -2.578 -2.578 0 %100 118 M177 Z 0 0 0 %100 119 M178 X -2.998 -2.998 0 %100 120 M178 Z 0 0 0 %100 121 M179 X -2.878 -2.878 0 %100 122 M179 Z 0 0 0 %100 123 M180 X -2.566 -2.566 0 %100 125 M181 X <			X				
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115							
116 M176 Z 0 0 %100 117 M177 X -2.578 -2.578 0 %100 118 M177 Z 0 0 0 %100 119 M178 X -2.998 -2.998 0 %100 120 M178 Z 0 0 0 %100 121 M179 X -2.878 -2.878 0 %100 121 M179 X -2.878 -2.878 0 %100 122 M179 Z 0 0 0 %100 123 M180 X -2.566 -2.566 0 %100 124 M180 Z 0 0 0 %100 125 M181 X -2.998 0 %100 126 M181 Z 0 0 0 %100 127 M182 X -2.988				<u> </u>	-	•	
117 M177 X -2.578 -2.578 0 %100 118 M177 Z 0 0 0 %100 119 M178 X -2.998 -2.998 0 %100 120 M178 Z 0 0 0 %100 121 M179 X -2.878 -2.878 0 %100 122 M179 Z 0 0 0 %100 122 M179 Z 0 0 0 %100 123 M180 X -2.566 -2.566 0 %100 124 M180 Z 0 0 0 %100 125 M181 X -2.998 -2.998 0 %100 126 M181 Z 0 0 0 %100 127 M182 X -2.88 -2.998 0 %100 129 M183 X			X				
118 M177 Z 0 0 %100 119 M178 X -2.998 -2.998 0 %100 120 M178 Z 0 0 0 %100 121 M179 X -2.878 -2.878 0 %100 122 M179 Z 0 0 0 %100 123 M180 X -2.566 -2.566 0 %100 124 M180 Z 0 0 0 %100 125 M181 X -2.998 -2.998 0 %100 126 M181 Z 0 0 0 %100 127 M182 X -2.88 -2.88 0 %100 129 M183 X -2.998 -2.998 0 %100 130 M183 Z 0 0 0 %100 131 M184 X -2				•	-		
119 M178 X -2.998 -2.998 0 %100 120 M178 Z 0 0 0 %100 121 M179 X -2.878 -2.878 0 %100 122 M179 Z 0 0 0 %100 123 M180 X -2.566 -2.566 0 %100 124 M180 Z 0 0 0 %100 125 M181 X -2.998 -2.998 0 %100 126 M181 Z 0 0 0 %100 127 M182 X -2.88 -2.88 0 %100 128 M182 Z 0 0 0 %100 129 M183 X -2.998 -2.998 0 %100 130 M183 Z 0 0 0 %100 131 M184 X<							
120 M178 Z 0 0 %100 121 M179 X -2.878 -2.878 0 %100 122 M179 Z 0 0 0 %100 123 M180 X -2.566 -2.566 0 %100 124 M180 Z 0 0 0 %100 124 M180 Z 0 0 0 %100 125 M181 X -2.998 -2.998 0 %100 126 M181 Z 0 0 0 %100 127 M182 X -2.88 -2.88 0 %100 128 M182 X -2.88 -2.88 0 %100 129 M183 X -2.998 -2.998 0 %100 130 M183 Z 0 0 0 %100 131 M184 X -2.5				•	•		
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124 M180 Z 0 0 %100 125 M181 X -2.998 -2.998 0 %100 126 M181 Z 0 0 0 %100 127 M182 X -2.88 -2.88 0 %100 128 M182 Z 0 0 0 %100 129 M183 X -2.998 -2.998 0 %100 130 M183 Z 0 0 0 %100 131 M184 X -2.578 -2.578 0 %100 132 M184 Z 0 0 0 %100 133 M185 X -2.998 -2.998 0 %100 134 M185 Z 0 0 0 %100 135 M186 X -2.878 -2.878 0 %100 136 M186 Z 0<					•		
125 M181 X -2.998 -2.998 0 %100 126 M181 Z 0 0 0 %100 127 M182 X -2.88 -2.88 0 %100 128 M182 Z 0 0 0 %100 129 M183 X -2.998 -2.998 0 %100 130 M183 Z 0 0 0 %100 131 M184 X -2.578 -2.578 0 %100 132 M184 X -2.578 0 %100 133 M185 X -2.998 -2.998 0 %100 134 M185 X -2.998 -2.998 0 %100 135 M186 X -2.878 -2.878 0 %100 136 M186 X -2.836 -2.836 0 %100 137 MP2A							
126 M181 Z 0 0 %100 127 M182 X -2.88 -2.88 0 %100 128 M182 Z 0 0 0 %100 129 M183 X -2.998 -2.998 0 %100 130 M183 Z 0 0 0 %100 131 M184 X -2.578 -2.578 0 %100 132 M184 X -2.578 -2.578 0 %100 133 M185 X -2.998 -2.998 0 %100 134 M185 X -2.998 -2.998 0 %100 135 M186 X -2.878 -2.878 0 %100 136 M186 X -2.836 -2.836 0 %100 137 MP2A X -2.836 -2.836 0 %100 138 MP2A				-	-		
127 M182 X -2.88 -2.88 0 %100 128 M182 Z 0 0 0 %100 129 M183 X -2.998 -2.998 0 %100 130 M183 Z 0 0 0 %100 131 M184 X -2.578 -2.578 0 %100 132 M184 Z 0 0 0 %100 133 M185 X -2.998 -2.998 0 %100 134 M185 Z 0 0 0 %100 135 M186 X -2.878 -2.878 0 %100 136 M186 Z 0 0 0 %100 137 MP2A X -2.836 -2.836 0 %100 139 MP3A X -2.836 -2.836 0 %100 140 MP3A			7				
128 M182 Z 0 0 %100 129 M183 X -2.998 0 %100 130 M183 Z 0 0 0 %100 131 M184 X -2.578 -2.578 0 %100 132 M184 Z 0 0 0 %100 133 M185 X -2.998 -2.998 0 %100 134 M185 Z 0 0 0 %100 135 M186 X -2.878 -2.878 0 %100 136 M186 Z 0 0 0 %100 137 MP2A X -2.836 -2.836 0 %100 139 MP3A X -2.836 -2.836 0 %100 140 MP3A Z 0 0 0 %100 142 MP4A X -2.836		-		•			
129 M183 X -2.998 -2.998 0 %100 130 M183 Z 0 0 %100 131 M184 X -2.578 -2.578 0 %100 132 M184 Z 0 0 0 %100 133 M185 X -2.998 -2.998 0 %100 134 M185 Z 0 0 %100 135 M186 X -2.878 -2.878 0 %100 136 M186 Z 0 0 %100 137 MP2A X -2.836 -2.836 0 %100 138 MP2A Z 0 0 %100 139 MP3A X -2.836 -2.836 0 %100 140 MP3A Z 0 0 %100 141 MP4A X -2.836 -2.836 0 %100							
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131 M184 X -2.578 -2.578 0 %100 132 M184 Z 0 0 0 %100 133 M185 X -2.998 -2.998 0 %100 134 M185 Z 0 0 0 %100 135 M186 X -2.878 -2.878 0 %100 136 M186 Z 0 0 0 %100 137 MP2A X -2.836 -2.836 0 %100 138 MP2A Z 0 0 0 %100 139 MP3A X -2.836 -2.836 0 %100 140 MP3A Z 0 0 %100 141 MP4A X -2.836 -2.836 0 %100 143 MP1C X -2.836 -2.836 0 %100			7				
132 M184 Z 0 0 %100 133 M185 X -2.998 -2.998 0 %100 134 M185 Z 0 0 0 %100 135 M186 X -2.878 -2.878 0 %100 136 M186 Z 0 0 0 %100 137 MP2A X -2.836 -2.836 0 %100 138 MP2A Z 0 0 0 %100 139 MP3A X -2.836 -2.836 0 %100 140 MP3A Z 0 0 %100 141 MP4A X -2.836 -2.836 0 %100 143 MP1C X -2.836 -2.836 0 %100							
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134 M185 Z 0 0 %100 135 M186 X -2.878 -2.878 0 %100 136 M186 Z 0 0 0 %100 137 MP2A X -2.836 -2.836 0 %100 138 MP2A Z 0 0 0 %100 139 MP3A X -2.836 -2.836 0 %100 140 MP3A Z 0 0 %100 141 MP4A X -2.836 -2.836 0 %100 142 MP4A Z 0 0 %100 143 MP1C X -2.836 -2.836 0 %100				-	•		
135 M186 X -2.878 -2.878 0 %100 136 M186 Z 0 0 0 %100 137 MP2A X -2.836 -2.836 0 %100 138 MP2A Z 0 0 0 %100 139 MP3A X -2.836 -2.836 0 %100 140 MP3A Z 0 0 0 %100 141 MP4A X -2.836 -2.836 0 %100 142 MP4A Z 0 0 %100 143 MP1C X -2.836 -2.836 0 %100							
136 M186 Z 0 0 %100 137 MP2A X -2.836 -2.836 0 %100 138 MP2A Z 0 0 0 %100 139 MP3A X -2.836 -2.836 0 %100 140 MP3A Z 0 0 0 %100 141 MP4A X -2.836 -2.836 0 %100 142 MP4A Z 0 0 %100 143 MP1C X -2.836 -2.836 0 %100			X	-	-		
137 MP2A X -2.836 -2.836 0 %100 138 MP2A Z 0 0 0 %100 139 MP3A X -2.836 -2.836 0 %100 140 MP3A Z 0 0 0 %100 141 MP4A X -2.836 -2.836 0 %100 142 MP4A Z 0 0 %100 143 MP1C X -2.836 -2.836 0 %100			7				
138 MP2A Z 0 0 %100 139 MP3A X -2.836 -2.836 0 %100 140 MP3A Z 0 0 0 %100 141 MP4A X -2.836 -2.836 0 %100 142 MP4A Z 0 0 %100 143 MP1C X -2.836 -2.836 0 %100				•	•		
139 MP3A X -2.836 -2.836 0 %100 140 MP3A Z 0 0 0 %100 141 MP4A X -2.836 -2.836 0 %100 142 MP4A Z 0 0 0 %100 143 MP1C X -2.836 -2.836 0 %100			7				
140 MP3A Z 0 0 %100 141 MP4A X -2.836 -2.836 0 %100 142 MP4A Z 0 0 0 %100 143 MP1C X -2.836 -2.836 0 %100				•	•	-	
141 MP4A X -2.836 -2.836 0 %100 142 MP4A Z 0 0 0 %100 143 MP1C X -2.836 -2.836 0 %100			7				
142 MP4A Z 0 0 0 %100 143 MP1C X -2.836 -2.836 0 %100				<u> </u>			
143 MP1C X -2.836 -2.836 0 %100			Z				
					•		
144 MP1C Z 0 0 0 %100	144	MP1C	Z			0	%100



	Member Label	Direction	Start Magnitude[lb/ft,	.End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
145	MP2C	X	-2.836	-2.836	0	%100 ·
146	MP2C	Z	0	0	0	%100
147	MP3C	X	-2.836	-2.836	0	%100
148	MP3C	Z	0	0	0	%100
149	MP4C	X	-2.836	-2.836	0	%100
150	MP4C	Z	0	0	0	%100
151	MP1B	X	-2.836	-2.836	0	%100
152	MP1B	Z	0	0	0	%100
153	MP2B	X	-2.836	-2.836	0	%100
154	MP2B	Z	0	0	0	%100
155	MP3B	X	-2.836	-2.836	0	%100
156	MP3B	Z	0	0	0	%100
157	MP4B	X	-2.836	-2.836	0	%100
158	MP4B	Z	0	0	0	%100
159	M148B	X	-2.326	-2.326	0	%100
160	M148B	Z	0	0	0	%100
161	M153B	X	-1.022	-1.022	0	%100
162	M153B	Z	0	0	0	%100
163	M154B	X	-1.022	-1.022	0	%100
164	M154B	Z	0	0	0	%100
165	M159A	X	-1.022	-1.022	0	%100
166	M159A	Z	0	0	0	%100
167	M160A	X	-1.022	-1.022	0	%100
168	M160A	Z	0	0	0	%100
169	M162A	X	-2.326	-2.326	0	%100
170	M162A	Z	0	0	0	%100
171	M167A	X	548	548	0	%100
172	M167A	Z	0	0	0	%100
173	M168A	X	548	548	0	%100
174	M168A	Z	0	0	0	%100
175	M173B	X	548	548	0	%100
176	M173B	Z	0	0	0	%100
177	M174A	X	548	548	0	%100
178	M174A	Z	0	0	0	%100
179	M176A	X	-2.326	-2.326	0	%100
180	M176A	Z	0	0	0	%100
181	<u>M181A</u>	X	073	073	0	%100
182	M181A	Z	0	0	0	%100
183	M182A	X	073	073	0	%100
184	M182A	Z	0	0	0	%100
185	M187B	X	073	073	0	%100
186	M187B	Z	0	0	0	%100
187	M188	X	073	073	0	%100
188	M188	Z	0	0	0	%100
189	M187C	X	-2.192	-2.192	0	%100
190	M187C	Z	0	0	0	%100
191	M190	X	-2.192	-2.192	0	%100
192	M190	Z	0 100	0	0	%100
193	M193	X	-2.192	-2.192	0	%100
194	M193	Z	0 000	0	0	%100
195	M198	X	-2.836	-2.836	0	%100
196	M198	Z	0	0	0	%100
197	M201	X	-2.836	-2.836	0	%100
198	M201	Z	0	0	0	%100
199	M204	X	-2.836	-2.836	0	%100
200	M204	Z	0	0	0	%100
201	M209	X	0	0	0	%100

	Member Label	Direction	Start Magnitude[lb/ft,	.End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
202	M209	Ζ	0	0	0	%100
203	M214	X	-2.353	-2.353	0	%100
204	M214	Z	0	0	0	%100
205	M219	Χ	-2.353	-2.353	0	%100
206	M219	Z	0	0	0	%100
207	M226	Х	0	0	0	%100
208	M226	Z	0	0	0	%100
209	M227	X	-2.793	-2.793	0	%100
210	M227	Ž	0	0	Ö	%100
211	M228	X	-2.793	-2.793	0	%100
212	M228	7	0	0	0	%100
213	M231	X	0	0	0	%100
214	M231	Z	0	0	0	%100 %100
215	M233	X	837	837	0	%100 %100
216	M233	Z	0	0	0	%100 %100
217	M237	X	837	837	0	%100 %100
218	M237		837	657	0	%100 %100
219	M242	X	-3.413	-3.413	0	%100 %100
220	M242	Z	-3.413	-3.413	-	%100 %100
			<u> </u>	-3.4	0	
221	M243	X	-3.4		0	%100
222	M243	Z	0	0	0	%100
223	M244	X	-3.228	-3.228	0	%100
224	M244	Z	0	0	0	%100
225	M251A	X	-3.228	-3.228	0	%100
226	M251A	Z	0	0	0	%100
227	M253	X	-3.228	-3.228	0	%100
228	M253	Z	0	0	0	%100
229	M256	X	-4.042	-4.042	0	%100
230	M256	Z	0	0	0	%100
231	M257	X	-2.948	-2.948	0	%100
232	M257	Z	0	0	0	%100
233	M258	Χ	-2.948	-2.948	0	%100
234	M258	Z	0	0	0	%100
235	M259	Χ	-2.255	-2.255	0	%100
236	M259	Z	0	0	0	%100
237	M260	Χ	-2.55	-2.55	0	%100
238	M260	Z	0	0	0	%100
239	M261	X	-3.228	-3.228	0	%100
240	M261	Z	0	0	0	%100
241	M262	X	-2.255	-2.255	0	%100
242	M262	Z	0	0	0	%100
243	M263	X	-2.55	-2.55	0	%100
244	M263	7	0	0	0	%100 %100
245	M264	X	-3.228	-3.228	0	%100
246	M264	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,	.End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-4.416	-4.416	0	%100
2	M1	Z	-2.549	-2.549	0	%100
3	M2	X	-3.835	-3.835	0	%100
4	M2	Z	-2.214	-2.214	0	%100
5	M3	X	-2.796	-2.796	0	%100
6	M3	Z	-1.614	-1.614	0	%100
7	M6	X	-2.098	-2.098	0	%100
8	M6	Z	-1.211	-1.211	0	%100



	Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
9	M27	X	701	701	0	%100 ·
10	M27	Z	405	405	0	%100
11	M33	X	701	701	0	%100
12	M33	Z	405	405	0	%100
13	M34	X	-1.608	-1.608	0	%100
14	M34	Z	928	928	0	%100
15	M35	X	-1.608	-1.608	0	%100
16	M35	Z	928	928	0	%100
17	MP1A	X	-2.456	-2.456	0	%100
18	MP1A	Z	-1.418	-1.418	0	%100
19	M147	X	-2.368	-2.368	0	%100
20	M147	Z	-1.367	-1.367	0	%100
21	M148	X	-2.368	-2.368	0	%100
22	M148	Z	-1.367	-1.367	0	%100
23	M103A	X	-1.679	-1.679	0	%100
24	M103A	Z	969	969	0	%100
25	M104A	X	-2.597	-2.597	0	%100
26	M104A	Z	-1.499	-1.499	0	%100
27	M101A	X	-1.612	-1.612	0	%100
28	M101A	Z	931	931	0	%100
29	M101B	Х	-2.597	-2.597	0	%100
30	M101B	Z	-1.499	-1.499	0	%100
31	M102A	X	-1.752	-1.752	0	%100
32	M102A	Z	-1.011	-1.011	0	%100
33	M103B	Х	-2.597	-2.597	0	%100
34	M103B	Z	-1.499	-1.499	0	%100
35	M104B	X	-1.594	-1.594	0	%100
36	M104B	Z	92	92	0	%100
37	M110B	X	-2.717	-2.717	0	%100
38	M110B	Z	-1.568	-1.568	0	%100
39	M109B	X	701	701	0	%100
40	M109B	Z	405	405	0	%100
41	M110C	X	701	701	0	%100
42	M110C	Z	405	405	0	%100
43	M108A	X	701	701	0	%100
44	M108A	Z	405	405	0	%100
45	M109A	X	701	701	0	%100
46	M109A	Z	405	405	0	%100
47	M112A	X	-2.804	-2.804	0	%100
48	M112A	Z	-1.619	-1.619	0	%100
49	M113A	X	-2.804	-2.804	0	%100
50	M113A	Z	-1.619	-1.619	0	%100
51	M116A	X	-1.608	-1.608	0	%100
52	M116A	Z	928	928	0	%100
53	M117B	X	-6.43	-6.43	0	%100
54	M117B	Z	-3.713	-3.713	0	%100
55	M118A	X	-2.098	-2.098	0	%100
56	M118A	Z	-1.211	-1.211	0	%100
57	M118C	X	-2.098	-2.098	0	%100
58	M118C	Z	-1.211	-1.211	0	%100
59	M122A	X	-1.608	-1.608	0	%100
60	M122A	Z	928	928	0	%100 %100
61	M123A	X	701	701	0	%100 %100
62	M123A	Z	405	405	0	%100 %100
63	M124A	X	701	701	0	%100 %100
64	M124A	Z	405	405	0	%100 %100
65	M127A	X	-6.43	-6.43	0	%100 %100
	1¥1 1∠1/\		J. 70	0.70		70100

	Member Label	Direction	Start Magnitude[lb/ft,	.End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
66	M127A	Z	-3.713	-3.713	0	%100
67	M128A	X	-2.804	-2.804	0	%100
68	M128A	Z	-1.619	-1.619	0	%100
69	M129A	X	-2.804	-2.804	0	%100
70	M129A	Z	-1.619	-1.619	0	%100
71	M132A	X	-4.416	-4.416	0	%100
72	M132A	Z	-2.549	-2.549	0	%100
73	M133A	X	-3.835	-3.835	0	%100
74	M133A	Z	-2.214	-2.214	0	%100
75	M136B	X	-2.098	-2.098	0	%100
76	M136B	Z	-1.211	-1.211	0	%100
77	M140A	X	-2.098	-2.098	0	%100
78	M140A	Z	-1.211	-1.211	0	%100
79	M142A	X	-2.098	-2.098	0	%100
80	M142A	Z	-1.211	-1.211	0	%100
81	M144A	X	0	0	0	%100
82	M144A	Z	0	0	0	%100
83	M145B	X	0	0	0	%100
84	M145B	Z	0	0	0	%100
85	M148A	X	0	0	0	%100
86	M148A	Z	0	0	0	%100
87	M152	X	0	0	0	%100
88	M152	Z	0	0	0	%100
89	M154	X	0	0	0	%100
90	M154	Z	0	0	0	%100
91	M152A	X	-2.717	-2.717	0	%100
92	M152A	Z	-1.568	-1.568	0	%100
93	M153A	X	-2.717	-2.717	0	%100
94	M153A	Z	-1.568	-1.568	0	%100
95	M156	X	862	862	0	%100
96	M156	Z	498	498	0	%100
97	M160	X	-2.368	-2.368	0	%100
98	M160	Z	-1.367	-1.367	0	%100
99	M161	X	-2.368	-2.368	0	%100
100	M161	Z	-1.367	-1.367	0	%100
101	M164	X	862	862	0	%100
102	M164	Z	498	498	0	%100
103	M169	X	0	0	0	%100
104	M169	Z	0	0	0	%100
105	M170	X	0	0	0	%100 %400
106	M170	Z	0	0	0	%100 %400
107	M173	X	-3.449	-3.449	0	%100 %100
108	M173	Z	-1.991 1.670	-1.991 1.670	0	%100 %100
109	M173A	X Z	-1.679	-1.679	0	%100 %100
110	M173A		969	969	0	%100 %100
111 112	M174	X	-2.597	-2.597	0	%100 %100
	M174	Z	-1.499 1.612	-1.499	0	%100 %100
113 114	M175 M175	X Z	-1.612 931	-1.612 931	0	%100 %100
115	M175 M176	X	931 -2.597	931		%100 %100
116	M176 M176	Z	-2.597 -1.499	-2.597 -1.499	0	%100 %100
117	M177		-1.499	-1.752		%100 %100
118	M177	X Z	-1.752		0	%100 %100
119	M178	X	-1.011	-1.011 -2.597	0	%100 %100
120	M178	Z	-2.597	-2.597	0	%100 %100
121	M179	X	-1.594	-1.594	0	%100 %100
122	M179	Z	-1.594	-1.594	0	%100 %100
122	IVI I 7 9		92	92	U	70 100

123		Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
125	123	M180	X	-2.493	-2.493	0	
126	124	M180				0	
127			X			0	
128							
129						0	
130	128	M182	Z	-1.694	-1.694	0	%100
131	129	M183		-2.597	-2.597	0	
132						0	
133			X				
134							
135	133	M185	X	-2.597	-2.597	0	%100
136	134	M185	Z	-1.499	-1.499	0	%100
137			X			0	
138		M186			-1.698	0	%100
139	137	MP2A	X	-2.456	-2.456	0	%100
140	138	MP2A	Z	-1.418	-1.418	0	%100
141 MP4A X -2.456 -2.456 0 %100 142 MP4A Z -1.418 -1.418 0 %100 143 MP1C X -2.456 -2.456 0 %100 144 MP1C Z -1.418 -1.418 0 %100 145 MP2C X -2.456 -2.456 0 %100 146 MP2C Z -1.418 -1.418 0 %100 147 MP3C X -2.456 -2.456 0 %100 147 MP3C Z -1.418 -1.418 0 %100 149 MP4C X -2.456 -2.456 0 %100 150 MP4C Z -1.418 -1.418 0 %100 151 MP1B X -2.456 -2.456 0 %100 152 MP1B X -2.456 -2.456 0 %100	139	MP3A		-2.456	-2.456	0	
142 MPAA Z -1.418 -1.418 0 %100 143 MP1C X -2.456 -2.456 0 %100 144 MP1C Z -1.418 -1.418 0 %100 145 MP2C X -2.456 -2.456 0 %100 146 MP2C Z -1.418 -1.418 0 %100 147 MP3C X -2.456 -2.456 0 %100 148 MP3C Z -1.418 -1.418 0 %100 148 MP3C Z -1.418 -1.418 0 %100 150 MP4C X -2.456 -2.456 0 %100 151 MP1B X -2.456 -2.456 0 %100 152 MP1B Z -1.418 -1.418 0 %100 153 MP2B X -2.256 -2.456 0 %100	140	MP3A				0	
143 MP1C X -2.456 -2.456 0 %100 144 MP1C Z -1.418 -1.418 0 %100 146 MP2C X -2.456 -2.456 0 %100 147 MP3C X -2.456 -2.456 0 %100 148 MP3C Z -1.418 -1.418 0 %100 148 MP3C Z -1.418 -1.418 0 %100 149 MP4C X -2.456 -2.456 0 %100 150 MP4C Z -1.418 -1.418 0 %100 151 MP1B X -2.456 -2.456 0 %100 152 MP1B Z -1.418 -1.418 0 %100 153 MP2B X -2.456 -2.456 0 %100 153 MP2B X -2.456 -2.456 0 %100		MP4A		-2.456	-2.456	0	
144 MP1C Z -1.418 -1.418 0 %100 145 MP2C X -2.456 -2.456 0 %100 146 MP2C Z -1.418 -1.418 0 %100 147 MP3C X -2.456 0 %100 148 MP3C Z -1.418 -1.418 0 %100 149 MP4C X -2.456 -2.456 0 %100 150 MP4C Z -1.418 -1.418 0 %100 151 MP1B X -2.456 -2.456 0 %100 152 MP1B X -2.456 -2.456 0 %100 153 MP2B X -2.456 -2.456 0 %100 154 MP2B X -2.456 -2.456 0 %100 155 MP3B X -2.456 -2.456 0 %100 156 <td>142</td> <td>MP4A</td> <td>Z</td> <td>-1.418</td> <td>-1.418</td> <td>0</td> <td>%100</td>	142	MP4A	Z	-1.418	-1.418	0	%100
145 MP2C X -2.456 -2.456 0 %100 146 MP2C Z -1.418 -1.418 0 %100 147 MP3C X -2.456 0.2.456 0.96100 148 MP3C Z -1.418 -1.418 0 %100 149 MP4C X -2.456 -2.456 0 %100 150 MP4C Z -1.418 -1.418 0 %100 151 MP1B X -2.456 -2.456 0 %100 151 MP1B X -2.456 -2.456 0 %100 153 MP2B X -2.456 -2.456 0 %100 153 MP2B X -2.456 -2.456 0 %100 154 MP2B Z -1.418 -1.418 0 %100 155 MP3B X -2.456 0 %100 %100	143	MP1C	X	-2.456	-2.456	0	%100
146 MP2C Z -1.418 -1.418 0 %100 147 MP3C X -2.456 -2.456 0 %100 148 MP3C Z -1.418 -1.418 0 %100 149 MP4C X -2.456 -2.456 0 %100 150 MP4C Z -1.418 -1.418 0 %100 151 MP1B X -2.456 -2.456 0 %100 152 MP1B X -2.456 -2.456 0 %100 153 MP2B X -2.456 -2.456 0 %100 154 MP2B X -2.456 -2.456 0 %100 155 MP3B X -2.456 -2.456 0 %100 155 MP3B X -2.456 -2.456 0 %100 156 MP3B Z -1.418 -1.418 0 %100	144	MP1C	Z	-1.418	-1.418	0	%100
146 MP2C Z -1.418 -1.418 0 %100 147 MP3C X -2.456 -2.456 0 %100 148 MP3C Z -1.418 -1.418 0 %100 149 MP4C X -2.456 -2.456 0 %100 150 MP4C Z -1.418 -1.418 0 %100 151 MP1B X -2.456 -2.456 0 %100 152 MP1B Z -1.418 -1.418 0 %100 153 MP2B X -2.456 -2.456 0 %100 154 MP2B Z -1.418 -1.418 0 %100 155 MP3B X -2.456 -2.456 0 %100 155 MP3B Z -1.418 -1.418 0 %100 156 MP3B Z -1.418 -1.418 0 %100	145	MP2C	Х	-2.456	-2.456	0	%100
148 MP3C Z -1.418 -1.418 0 %100 149 MP4C X -2.456 -2.456 0 %100 150 MP4C Z -1.418 -1.418 0 %100 151 MP1B X -2.456 -2.456 0 %100 152 MP1B Z -1.418 -1.418 0 %100 153 MP2B X -2.456 0.2456 0 %100 154 MP2B Z -1.418 -1.418 0 %100 155 MP3B X -2.456 -2.456 0 %100 155 MP3B Z -1.418 -1.418 0 %100 157 MP4B X -2.456 -2.456 0 %100 159 M148B Z -1.18 -1.418 0 %100 159 M148B Z -1.163 -1.63 0 %100			Z			0	
148 MP3C Z -1.418 -1.418 0 %100 149 MP4C X -2.456 -2.456 0 %100 150 MP4C Z -1.418 -1.418 0 %100 151 MP1B X -2.456 -2.456 0 %100 152 MP1B Z -1.418 -1.418 0 %100 153 MP2B X -2.456 -2.456 0 %100 154 MP2B X -1.418 -1.418 0 %100 155 MP3B X -2.456 -2.456 0 %100 155 MP3B X -2.456 -2.456 0 %100 156 MP3B X -2.456 -2.456 0 %100 157 MP4B X -2.456 -2.456 0 %100 159 M148B Z -1.163 -1.418 0 %100	147	MP3C	Х	-2.456	-2.456	0	%100
149 MP4C X -2.456 -2.456 0 %100 150 MP4C Z -1.418 -1.418 0 %100 151 MP1B X -2.456 -2.456 0 %100 152 MP1B Z -1.418 -1.418 0 %100 153 MP2B X -2.456 -2.456 0 %100 154 MP2B Z -1.418 -1.418 0 %100 155 MP3B X -2.456 -2.456 0 %100 156 MP3B Z -1.418 -1.418 0 %100 157 MP4B X -2.456 -2.456 0 %100 159 M148B X -2.456 -2.456 0 %100 159 M148B X -2.014 -2.014 0 %100 160 M148B Z -1.163 -1.163 0 %100	148						%100
150 MP4C Z -1.418 -1.418 0 %100 151 MP1B X -2.456 0 %100 152 MP1B Z -1.418 0 %100 153 MP2B X -2.456 -2.456 0 %100 154 MP2B Z -1.418 -1.418 0 %100 155 MP3B X -2.456 -2.456 0 %100 156 MP3B Z -1.418 -1.418 0 %100 157 MP4B X -2.456 -2.456 0 %100 158 MP4B X -2.456 -2.456 0 %100 159 M148B X -2.014 -2.014 0 %100 159 M148B X -2.014 -2.014 0 %100 160 M148B Z -1.163 -1.163 0 %100 161 M153B </td <td>149</td> <td>MP4C</td> <td>Х</td> <td></td> <td>-2.456</td> <td>0</td> <td>%100</td>	149	MP4C	Х		-2.456	0	%100
151 MP1B X -2.456 -2.456 0 %100 152 MP1B Z -1.418 -1.418 0 %100 153 MP2B X -2.456 -2.456 0 %100 154 MP2B Z -1.418 -1.418 0 %100 155 MP3B X -2.456 -2.456 0 %100 156 MP3B Z -1.418 -1.418 0 %100 157 MP4B X -2.456 -2.456 0 %100 158 MP4B Z -1.418 -1.418 0 %100 159 M148B X -2.014 -2.014 0 %100 160 M148B X -2.014 -2.014 0 %100 161 M153B X -4.74 -4.74 0 %100 162 M154B X -4.74 -2.74 0 %100	150	MP4C				0	%100
152 MP1B Z -1.418 -1.418 0 %100 153 MP2B X -2.456 -2.456 0 %100 154 MP2B Z -1.418 -1.418 0 %100 155 MP3B X -2.456 -2.456 0 %100 156 MP3B Z -1.418 -1.418 0 %100 157 MP4B X -2.456 -2.456 0 %100 158 MP4B Z -1.418 -1.418 0 %100 159 M148B X -2.014 -2.014 0 %100 160 M148B Z -1.163 -1.163 0 %100 161 M153B X -4.474 -4.474 0 %100 163 M154B X -2.274 -2.274 0 %100 164 M153B Z -2.274 -2.274 0 %100		MP1B	Х			0	
154 MP2B Z -1.418 -1.418 0 %100 155 MP3B X -2.456 -2.456 0 %100 156 MP3B Z -1.418 -1.418 0 %100 157 MP4B X -2.456 -2.456 0 %100 158 MP4B Z -1.418 -1.418 0 %100 159 M148B X -2.014 -2.014 0 %100 160 M148B Z -1.163 -1.163 0 %100 161 M153B X 474 474 0 %100 162 M153B Z 274 274 0 %100 163 M154B X 474 474 0 %100 164 M154B Z 274 274 0 %100 166 M159A X 474 474 0 %100 <tr< td=""><td>152</td><td>MP1B</td><td>Z</td><td></td><td>-1.418</td><td>0</td><td>%100</td></tr<>	152	MP1B	Z		-1.418	0	%100
155 MP3B X -2.456 -2.456 0 %100 156 MP3B Z -1.418 -1.418 0 %100 157 MP4B X -2.456 -2.456 0 %100 158 MP4B Z -1.418 -1.418 0 %100 159 M148B X -2.014 -2.014 0 %100 160 M148B Z -1.163 -1.163 0 %100 161 M153B X 474 474 0 %100 162 M153B Z 274 274 0 %100 163 M154B X 474 274 0 %100 164 M154B Z 274 274 0 %100 165 M159A X 474 474 0 %100 166 M159A Z 274 274 0 %100	153	MP2B	Х	-2.456	-2.456	0	%100
156 MP3B Z -1.418 -1.418 0 %100 157 MP4B X -2.456 -2.456 0 %100 158 MP4B Z -1.418 -1.418 0 %100 159 M148B X -2.014 -2.014 0 %100 160 M148B Z -1.163 -1.163 0 %100 161 M153B X 474 474 0 %100 162 M153B Z 274 274 0 %100 163 M154B X 474 274 0 %100 164 M154B Z 274 274 0 %100 165 M159A X 474 474 0 %100 166 M159A Z 274 274 0 %100 167 M160A X 474 274 0 %100	154	MP2B	Z	-1.418	-1.418	0	%100
156 MP3B Z -1.418 -1.418 0 %100 157 MP4B X -2.456 -2.456 0 %100 158 MP4B Z -1.418 -1.418 0 %100 159 M148B X -2.014 -2.014 0 %100 160 M148B Z -1.163 -1.163 0 %100 161 M153B X 474 474 0 %100 162 M153B Z 274 274 0 %100 163 M154B X 474 274 0 %100 164 M154B Z 274 274 0 %100 165 M159A X 474 474 0 %100 166 M159A Z 274 274 0 %100 167 M160A X 474 274 0 %100	155	MP3B	Х	-2.456	-2.456	0	%100
158 MP4B Z -1.418 -1.418 0 %100 159 M148B X -2.014 -2.014 0 %100 160 M148B Z -1.163 -1.163 0 %100 161 M153B X 474 -0 %100 %100 162 M153B Z 274 274 0 %100 163 M154B X 474 474 0 %100 163 M154B X 474 474 0 %100 164 M154B Z 274 274 0 %100 165 M159A X 474 474 0 %100 166 M159A Z 274 274 0 %100 167 M160A X 474 474 0 %100 168 M160A Z 274 274 0 %100			Z			0	%100
158 MP4B Z -1.418 -1.418 0 %100 159 M148B X -2.014 -2.014 0 %100 160 M148B Z -1.163 -1.163 0 %100 161 M153B X 474 474 0 %100 162 M153B Z 274 274 0 %100 163 M154B X 474 474 0 %100 163 M154B X 474 474 0 %100 164 M154B Z 274 274 0 %100 165 M159A X 474 474 0 %100 166 M159A Z 274 274 0 %100 167 M160A X 474 474 0 %100 168 M160A Z 274 274 0 %100	157	MP4B	Х	-2.456	-2.456	0	%100
160 M148B Z -1.163 -1.163 0 %100 161 M153B X 474 474 0 %100 162 M153B Z 274 274 0 %100 163 M154B X 474 474 0 %100 164 M154B Z 274 274 0 %100 165 M159A X 474 474 0 %100 166 M159A X 474 474 0 %100 167 M160A X 474 274 0 %100 168 M160A X 274 274 0 %100 169 M162A X 274 274 0 %100 170 M162A Z 163 -1.163 0 %100 171 M167A X 885 885 0 %100	158	MP4B	Z		-1.418	0	%100
160 M148B Z -1.163 -1.163 0 %100 161 M153B X 474 474 0 %100 162 M153B Z 274 274 0 %100 163 M154B X 474 474 0 %100 164 M154B Z 274 274 0 %100 165 M159A X 474 474 0 %100 166 M159A X 474 474 0 %100 167 M160A X 474 274 0 %100 168 M160A X 274 274 0 %100 169 M162A X 274 274 0 %100 170 M162A Z 163 -1.163 0 %100 171 M167A X 885 885 0 %100	159	M148B	Х	-2.014	-2.014	0	%100
162 M153B Z 274 274 0 %100 163 M154B X 474 474 0 %100 164 M154B Z 274 274 0 %100 165 M159A X 474 474 0 %100 166 M159A Z 274 274 0 %100 167 M160A X 474 474 0 %100 168 M160A Z 274 274 0 %100 169 M162A X 2014 2014 0 %100 170 M162A Z 163 -1.163 0 %100 171 M167A X 885 885 0 %100 172 M167A Z 511 511 0 %100 174 M168A X 885 885 0 %100	160	M148B		-1.163	-1.163	0	%100
163 M154B X 474 474 0 %100 164 M154B Z 274 274 0 %100 165 M159A X 474 474 0 %100 166 M159A Z 274 274 0 %100 167 M160A X 474 474 0 %100 168 M160A Z 274 274 0 %100 169 M162A X 2.014 -2.014 0 %100 170 M162A Z -1.163 -1.163 0 %100 171 M167A X 885 885 0 %100 172 M167A Z 511 511 0 %100 173 M168A X 885 885 0 %100 175 M173B X 885 885 0 %100	161	M153B	X	474	474	0	%100
163 M154B X 474 474 0 %100 164 M154B Z 274 274 0 %100 165 M159A X 474 474 0 %100 166 M159A Z 274 274 0 %100 167 M160A X 474 474 0 %100 168 M160A Z 274 274 0 %100 169 M162A X -2.014 -2.014 0 %100 170 M162A Z -1.163 -1.163 0 %100 171 M167A X 885 885 0 %100 172 M167A Z 511 511 0 %100 173 M168A X 885 885 0 %100 175 M173B X 885 885 0 %100		M153B	Z	274	274		
164 M154B Z 274 274 0 %100 165 M159A X 474 474 0 %100 166 M159A Z 274 274 0 %100 167 M160A X 474 474 0 %100 168 M160A Z 274 274 0 %100 169 M162A X -2.014 -2.014 0 %100 170 M162A Z -1.163 -1.163 0 %100 171 M167A X 885 885 0 %100 172 M167A Z 511 511 0 %100 173 M168A X 885 885 0 %100 175 M173B X 885 885 0 %100 176 M173B Z 511 511 0 %100			X	474	474	0	
165 M159A X 474 474 0 %100 166 M159A Z 274 274 0 %100 167 M160A X 474 474 0 %100 168 M160A Z 274 274 0 %100 169 M162A X -2.014 -2.014 0 %100 170 M162A Z -1.163 -1.163 0 %100 171 M167A X 885 885 0 %100 172 M167A Z 511 511 0 %100 173 M168A X 885 885 0 %100 174 M168A Z 511 511 0 %100 175 M173B X 885 885 0 %100 176 M173B Z 511 511 0 %100			Z				
166 M159A Z 274 274 0 %100 167 M160A X 474 474 0 %100 168 M160A Z 274 274 0 %100 169 M162A X -2.014 -2.014 0 %100 170 M162A Z -1.163 -1.163 0 %100 171 M167A X 885 885 0 %100 172 M167A Z 511 511 0 %100 173 M168A X 885 885 0 %100 174 M168A Z 511 511 0 %100 175 M173B X 885 885 0 %100 176 M173B Z 511 511 0 %100 178 M174A X 885 885 0 %100			Х				%1 00
167 M160A X 474 474 0 %100 168 M160A Z 274 274 0 %100 169 M162A X -2.014 -2.014 0 %100 170 M162A Z -1.163 -1.163 0 %100 171 M167A X 885 885 0 %100 172 M167A Z 511 511 0 %100 173 M168A X 885 885 0 %100 174 M168A Z 511 511 0 %100 175 M173B X 885 885 0 %100 176 M173B Z 511 511 0 %100 178 M174A X 885 885 0 %100 178 M174A Z 511 511 0 %100			Z				
168 M160A Z 274 274 0 %100 169 M162A X -2.014 -2.014 0 %100 170 M162A Z -1.163 -1.163 0 %100 171 M167A X 885 885 0 %100 172 M167A Z 511 511 0 %100 173 M168A X 885 885 0 %100 174 M168A Z 511 511 0 %100 175 M173B X 885 885 0 %100 176 M173B Z 511 511 0 %100 177 M174A X 885 885 0 %100 178 M174A Z 511 511 0 %100			X		474	0	
169 M162A X -2.014 -2.014 0 %100 170 M162A Z -1.163 -1.163 0 %100 171 M167A X 885 885 0 %100 172 M167A Z 511 511 0 %100 173 M168A X 885 885 0 %100 174 M168A Z 511 511 0 %100 175 M173B X 885 885 0 %100 176 M173B Z 511 511 0 %100 177 M174A X 885 885 0 %100 178 M174A Z 511 511 0 %100			Z				
170 M162A Z -1.163 -1.163 0 %100 171 M167A X 885 885 0 %100 172 M167A Z 511 511 0 %100 173 M168A X 885 885 0 %100 174 M168A Z 511 511 0 %100 175 M173B X 885 885 0 %100 176 M173B Z 511 511 0 %100 177 M174A X 885 885 0 %100 178 M174A Z 511 511 0 %100			X			0	
171 M167A X 885 885 0 %100 172 M167A Z 511 511 0 %100 173 M168A X 885 885 0 %100 174 M168A Z 511 511 0 %100 175 M173B X 885 885 0 %100 176 M173B Z 511 511 0 %100 177 M174A X 885 885 0 %100 178 M174A Z 511 511 0 %100			Z				
172 M167A Z 511 511 0 %100 173 M168A X 885 885 0 %100 174 M168A Z 511 511 0 %100 175 M173B X 885 885 0 %100 176 M173B Z 511 511 0 %100 177 M174A X 885 885 0 %100 178 M174A Z 511 511 0 %100	171		X				
173 M168A X 885 885 0 %100 174 M168A Z 511 511 0 %100 175 M173B X 885 885 0 %100 176 M173B Z 511 511 0 %100 177 M174A X 885 885 0 %100 178 M174A Z 511 511 0 %100			Z				
174 M168A Z 511 511 0 %100 175 M173B X 885 885 0 %100 176 M173B Z 511 511 0 %100 177 M174A X 885 885 0 %100 178 M174A Z 511 511 0 %100							
175 M173B X 885 885 0 %100 176 M173B Z 511 511 0 %100 177 M174A X 885 885 0 %100 178 M174A Z 511 0 %100							
176 M173B Z 511 0 %100 177 M174A X 885 885 0 %100 178 M174A Z 511 0 %100			Χ				
177 M174A X 885 885 0 %100 178 M174A Z 511 511 0 %100			Z				
178 M174A Z511511 0 %100							
			Z				
1/9 M176A X -2.014 -2.014 0 %100	179	M176A	X	-2.014	-2.014	0	%100



		•	O			
400	Member Label	Direction		End Magnitude[lb/ft,F	_	End Location[ft,%]
180	M176A	<u>Z</u>	-1.163	-1.163	0	%100 %400
181	M181A	X	064	064	0	%100
182	M181A	<u>Z</u>	037	037	0	%100 %400
183	M182A	X	064	064	0	%100
184	M182A	Z	037	037	0	%100
185	M187B	X	064	064	0	%100
186	M187B	Z	037	037	0	%100
187	M188	<u>X</u>	064	064	0	%100
188	M188	Z	037	037	0	%100
189	M187C	<u>X</u>	-1.898	-1.898	0	%100
190	M187C	Z	-1.096	-1.096	0	%100
191	M190	X	-1.898	-1.898	0	%100
192	M190	<u>Z</u>	-1.096	-1.096	0	%100
193	M193	X	-1.898	-1.898	0	%100
194	M193	Z	-1.096	-1.096	0	%100
195	M198	X	-2.456	-2.456	0	%100
196	M198	Z	-1.418	-1.418	0	%100
197	M201	X	-2.456	-2.456	0	%100
198	M201	Z	-1.418	-1.418	0	%100
199	M204	X	-2.456	-2.456	0	%100
200	M204	Z	-1.418	-1.418	0	%100
201	M209	X	679	679	0	%100
202	M209	Z	392	392	0	%100
203	M214	X	679	679	0	%100
204	M214	Z	392	392	0	%100
205	M219	Χ	-2.717	-2.717	0	%100
206	M219	Z	-1.568	-1.568	0	%100
207	M226	X	806	806	0	%100
208	M226	Z	465	465	0	%100
209	M227	Χ	806	806	0	%100
210	M227	Ζ	465	465	0	%100
211	M228	Χ	-3.225	-3.225	0	%100
212	M228	Z	-1.862	-1.862	0	%100
213	M231	Х	241	241	0	%100
214	M231	Z	139	139	0	%100
215	M233	Χ	241	241	0	%100
216	M233	Z	139	139	0	%100
217	M237	Х	966	966	0	%100
218	M237	Z	558	558	0	%100
219	M242	Χ	-2.621	-2.621	0	%100
220	M242	Z	-1.513	-1.513	0	%100
221	M243	X	-2.699	-2.699	0	%100
222	M243	Z	-1.558	-1.558	0	%100
223	M244	X	-2.796	-2.796	0	%100
224	M244	Z	-1.614	-1.614	0	%100
225	M251A	X	-2.796	-2.796	0	%100
226	M251A	Z	-1.614	-1.614	0	%100 %100
227	M253	X	-2.796	-2.796	0	%100
228	M253	Z	-1.614	-1.614	0	%100 %100
229	M256	X	-3.184	-3.184	0	%100 %100
230	M256	Z	-1.839	-1.839	0	%100 %100
231	M257	X	-3.184	-3.184	0	%100 %100
232	M257	Z	-1.839	-1.839	0	%100 %100
233	M258	X	-2.237	-2.237	0	%100 %100
234	M258	Z	-1.292	-1.292	0	%100 %100
235	M259	X	-2.621	-2.621	0	%100 %100
236	M259	Z	-1.513	-1.513	0	%100 %100
200	IVIZUU		-1.010	-1.010	U	/0100



	Member Label	Direction	Start Magnitude[lb/ft,	.End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
237	M260	X	-2.699	-2.699	0	%100
238	M260	Z	-1.558	-1.558	0	%100
239	M261	Χ	-2.796	-2.796	0	%100
240	M261	Z	-1.614	-1.614	0	%100
241	M262	Χ	-1.618	-1.618	0	%100
242	M262	Z	934	934	0	%100
243	M263	Χ	-1.963	-1.963	0	%100
244	M263	Z	-1.133	-1.133	0	%100
245	M264	X	-2.796	-2.796	0	%100
246	M264	Z	-1.614	-1.614	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
1	M1	X	85	85	0	%100
2	M1	Z	-1.472	-1.472	0	%100
3	M2	X	738	738	0	%100
4	M2	Z	-1.278	-1.278	0	%100
5	M3	X	-1.614	-1.614	0	%100
6	M3	Z	-2.796	-2.796	0	%100
7	M6	Χ	404	404	0	%100
8	M6	Z	699	699	0	%100
9	M27	X	-1.214	-1.214	0	%100
10	M27	Z	-2.103	-2.103	0	%100
11	M33	Х	-1.214	-1.214	0	%100
12	M33	Z	-2.103	-2.103	0	%100
13	M34	Х	-2.784	-2.784	0	%100
14	M34	Z	-4.823	-4.823	0	%100
15	M35	Х	-2.784	-2.784	0	%100
16	M35	Z	-4.823	-4.823	0	%100
17	MP1A	Х	-1.418	-1.418	0	%100
18	MP1A	Z	-2.456	-2.456	0	%100
19	M147	Х	456	456	0	%100
20	M147	Z	789	789	0	%100
21	M148	Х	456	456	0	%100
22	M148	Z	789	789	0	%100
23	M103A	Х	-1.283	-1.283	0	%100
24	M103A	Z	-2.222	-2.222	0	%100
25	M104A	Х	-1.499	-1.499	0	%100
26	M104A	Z	-2.597	-2.597	0	%100
27	M101A	Х	-1.44	-1.44	0	%100
28	M101A	Z	-2.494	-2.494	0	%100
29	M101B	Х	-1.499	-1.499	0	%100
30	M101B	Z	-2.597	-2.597	0	%100
31	M102A	Χ	-1.289	-1.289	0	%100
32	M102A	Z	-2.232	-2.232	0	%100
33	M103B	Х	-1.499	-1.499	0	%100
34	M103B	Z	-2.597	-2.597	0	%100
35	M104B	X	-1.439	-1.439	0	%100
36	M104B	Z	-2.492	-2.492	0	%100
37	M110B	X	-1.568	-1.568	0	%100
38	M110B	Ζ	-2.717	-2.717	0	%100
39	M109B	X	-1.214	-1.214	0	%100
40	M109B	Z	-2.103	-2.103	0	%100
41	M110C	X	-1.214	-1.214	0	%100
42	M110C	Z	-2.103	-2.103	0	%100
43	M108A	Χ	0	0	0	%100



	Member Label	Direction	Start Magnitude[lb/ft,	.End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
44	M108A	Z	0	0	0	%100
45	M109A	X	0	0	0	%100
46	M109A	Z	0	0	0	%100
47	M112A	X	-1.214	-1.214	0	%100
48	M112A	Z	-2.103	-2.103	0	%100
49	M113A	X	-1.214	-1.214	0	%100
50	M113A	Z	-2.103	-2.103	0	%100
51	M116A	X	0	0	0	%100
52	M116A	Z	0	0	0	%100
53	M117B	X	-2.784	-2.784	0	%100
54	M117B	Z	-4.823	-4.823	0	%100
55	M118A	X	404	404	0	%100
56	M118A	Z	699	699	0	%100
57	M118C	X	404	404	0	%100
58	M118C	Z	699	699	0	%100
59	M122A	X	0	0	0	%100
60	M122A	Z	0	0	0	%100
61	M123A	X	0	0	0	%100
62	M123A	Z	0	0	0	%100
63	M124A	X	0	0	0	%100
64	M124A	Z	0	0	0	%100
65	M127A	X	-2.784	-2.784	0	%100
66	M127A	Z	-4.823	-4.823	0	%100
67	M128A	X	-1.214	-1.214	0	%100
68	M128A	Z	-2.103	-2.103	0	%100
69	M129A	X	-1.214	-1.214	0	%100
70	M129A	Z	-2.103	-2.103	0	%100
71	M132A	X	-3.399	-3.399	0	%100
72	M132A	Z	-5.888	-5.888	0	%100
73	M133A	X	-2.952	-2.952	0	%100
74	M133A	Z	-5.113	-5.113	0	%100
75	M136B	X	-1.615	-1.615	0	%100
76	M136B	Z	-2.797	-2.797	0	%100
77	M140A	X	-1.615	-1.615	0	%100
78	M140A	Z	-2.797	-2.797	0	%100
79	M142A	X	-1.615	-1.615	0	%100
80	M142A	Z	-2.797	-2.797	0	%100
81	M144A	X	85	85	0	%100
82	M144A	Z	-1.472	-1.472	0	%100
83	M145B	X	738	738	0	%100
84	M145B	Z	-1.278	-1.278	0	%100
85	M148A	X	404	404	0	%100
86	M148A	Z	699	699	0	%100
87	M152	X	404	404	0	%100
88	M152	Z	699	699	0	%100
89	M154	X	404	404	0	%100
90	M154	Z	699	699	0	%100
91	M152A	X	-1.568	-1.568	0	%100
92	M152A	Z	-2.717	-2.717	0	%100
93	M153A	X	-1.568	-1.568	0	%100 %400
94	M153A	Z	-2.717	-2.717	0	%100 %400
95	M156	X	-1.494	-1.494	0	%100 %400
96	M156	Z	-2.587	-2.587	0	%100 %100
97	M160	X	-1.823	-1.823	0	%100 %100
98	M160	Z	-3.158	-3.158	0	%100 %100
99	M161	X	-1.823	-1.823	0	%100 %100
100	M161	Z	-3.158	-3.158	0	%100



	Member Label	Direction	Start Magnitude[lb/ft,	.End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
101	M164	X	0	0	0	%100
102	M164	Z	0	0	0	%100
103	M169	X	456	456	0	%100
104	M169	Z	789	789	0	%100
105	M170	X	456	456	0	%100
106	M170	Z	789	789	0	%100
107	M173	X	-1.494	-1.494	0	%100
108	M173	Z	-2.587	-2.587	0	%100
109	M173A	X	813	813	0	%100
110	M173A	Z	-1.408	-1.408	0	%100
111	M174	X	-1.499	-1.499	0	%100
112	M174	Z	-2.597	-2.597	0	%100
113	M175	X	676	676	0	%100
114	M175	Z	-1.172	-1.172	0	%100
115	M176	X	-1.499	-1.499	0	%100
116	M176	Z	-2.597	-2.597	0	%100
117	M177	X	873	873	0	%100
118	M177	Z	-1.511	-1.511	0	%100
119	M178	X	-1.499	-1.499	0	%100
120	M178	Z	-2.597	-2.597	0	%100
121	M179	X	661	661	0	%100
122	M179	Z	-1.145	-1.145	0	%100 %400
123	M180	X Z	-1.283	-1.283	0	%100 %400
124	M180		-2.222	-2.222	0	%100 %400
125	M181	X Z	-1.499	-1.499	0	%100 %400
126	M181		-2.597	-2.597	0	%100 %400
127	M182	X Z	-1.44	-1.44	0	%100 %400
128 129	M182 M183	X	-2.494 -1.499	-2.494 -1.499	0	%100 %100
130	M183	Z	-2.597	-2.597	0	%100 %100
131	M184	X	-1.289	-1.289	0	%100 %100
132	M184	Z	-2.232	-2.232	0	%100 %100
133	M185	X	-1.499	-1.499	0	%100 %100
134	M185	Z	-2.597	-2.597	0	%100 %100
135	M186	X	-1.439	-1.439	0	%100 %100
136	M186	Z	-2.492	-2.492	0	%100 %100
137	MP2A	X	-1.418	-1.418	0	%100 %100
138	MP2A	Z	-2.456	-2.456	0	%100 %100
139	MP3A	X	-1.418	-1.418	0	%100
140	MP3A	Z	-2.456	-2.456	0	%100
141	MP4A	X	-1.418	-1.418	0	%100
142	MP4A	Z	-2.456	-2.456	0	%100
143	MP1C	Χ	-1.418	-1.418	0	%100
144	MP1C	Ž	-2.456	-2.456	0	%100
145	MP2C	X	-1.418	-1.418	0	%100
146	MP2C	Z	-2.456	-2.456	0	%100
147	MP3C	Χ	-1.418	-1.418	0	%100
148	MP3C	Z	-2.456	-2.456	0	%100
149	MP4C	X	-1.418	-1.418	0	%100
150	MP4C	Z	-2.456	-2.456	0	%100
151	MP1B	X	-1.418	-1.418	0	%100
152	MP1B	Z	-2.456	-2.456	0	%100
153	MP2B	X	-1.418	-1.418	0	%100
154	MP2B	Z	-2.456	-2.456	0	%100
155	MP3B	X	-1.418	-1.418	0	%100
156	MP3B	Z	-2.456	-2.456	0	%100
157	MP4B	X	-1.418	-1.418	0	<u>%100</u>



			o di della di di di			
450	Member Label	Direction		End Magnitude[lb/ft,F	_	End Location[ft,%]
158	MP4B	Z	-2.456	-2.456	0	%100 %400
159	M148B	X	-1.163	-1.163	0	%100
160	M148B	Z	-2.014	-2.014	0	%100
161	M153B	X	037	037	0	%100
162	M153B	Z	064	064	0	%100
163	M154B	X	037	037	0	%100
164	M154B	Z	064	064	0	%100
165	M159A	X	037	037	0	%100
166	M159A	Z	064	064	0	%100
167	M160A	X	037	037	0	%100
168	M160A	Z	064	064	0	%100
169	M162A	X	-1.163	-1.163	0	%100
170	M162A	Z	-2.014	-2.014	0	%100
171	M167A	X	511	511	0	%100
172	M167A	Z	885	885	0	%100
173	M168A	Х	511	511	0	%100
174	M168A	Z	885	885	0	%100
175	M173B	X	511	511	0	%100
176	M173B	Ž	885	885	0	%100
177	M174A	X	511	511	0	%100
178	M174A	Z	885	885	0	%100
179	M176A	X	-1.163	-1.163	0	%100
180	M176A	Z	-2.014	-2.014	0	%100
181	M181A	X	274	274	0	%100
182	M181A	Z	474	474	0	%100 %100
183	M182A	X	274	274	0	%100 %100
184	M182A	Z	474	474	0	%100 %100
185	M187B	X	274	274	0	%100 %100
186	M187B	Z	474	474	0	%100 %100
187	M188	X	274	274	0	%100 %100
188	M188	Z	474	474	0	%100 %100
189	M187C	X	-1.096	-1.096	0	%100 %100
190	M187C	Z	-1.898	-1.898	0	%100 %100
					•	%100 %100
191 192	M190	X Z	-1.096	-1.096	0	
	M190	X	-1.898	-1.898		%100 %400
193	M193	Z	-1.096	-1.096	0	%100 %400
194	M193		-1.898	-1.898	0	%100 %400
195	M198	X	-1.418	-1.418	0	%100 %400
196	M198	Z	-2.456	-2.456	0	%100 %400
197	M201	X	-1.418	-1.418	0	%100 %400
198	M201	Z	-2.456	-2.456	0	%100 %400
199	M204	X	-1.418	-1.418	0	%100
200	M204	Z	-2.456	-2.456	0	%100
201	M209	X	-1.176	-1.176	0	%100
202	M209	Z	-2.037	-2.037	0	%100
203	M214	X	0	0	0	%100
204	M214	Z	0	0	0	%100
205	M219	X	-1.176	-1.176	0	%100
206	M219	Z	-2.037	-2.037	0	%100
207	M226	X	-1.396	-1.396	0	%100
208	M226	Z	-2.419	-2.419	0	%100
209	M227	X	0	0	0	%100
210	M227	Z	0	0	0	%100
211	M228	X	-1.396	-1.396	0	%100
212	M228	Z	-2.419	-2.419	0	%100
213	M231	X	418	418	0	%100
214	M231	Z	724	724	0	%100



	Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
215	M233	X	0	0	0	%100
216	M233	Z	0	0	0	%100
217	M237	X	418	418	0	%100
218	M237	Z	724	724	0	%100
219	M242	X	-1.127	-1.127	0	%100
220	M242	Ζ	-1.953	-1.953	0	%100
221	M243	X	-1.275	-1.275	0	%100
222	M243	Z	-2.208	-2.208	0	%100
223	M244	Χ	-1.614	-1.614	0	%100
224	M244	Ζ	-2.796	-2.796	0	%100
225	M251A	Х	-1.614	-1.614	0	%100
226	M251A	Z	-2.796	-2.796	0	%100
227	M253	Χ	-1.614	-1.614	0	%100
228	M253	Z	-2.796	-2.796	0	%100
229	M256	Х	-1.474	-1.474	0	%100
230	M256	Z	-2.553	-2.553	0	%100
231	M257	Х	-2.021	-2.021	0	%100
232	M257	Z	-3.5	-3.5	0	%100
233	M258	Х	-1.474	-1.474	0	%100
234	M258	Z	-2.553	-2.553	0	%100
235	M259	Х	-1.706	-1.706	0	%100
236	M259	Z	-2.956	-2.956	0	%100
237	M260	Х	-1.7	-1.7	0	%100
238	M260	Z	-2.944	-2.944	0	%100
239	M261	Χ	-1.614	-1.614	0	%100
240	M261	Z	-2.796	-2.796	0	%100
241	M262	Х	-1.127	-1.127	0	%100
242	M262	Z	-1.953	-1.953	0	%100
243	M263	Χ	-1.275	-1.275	0	%100
244	M263	Z	-2.208	-2.208	0	%100
245	M264	X	-1.614	-1.614	0	%100
246	M264	Z	-2.796	-2.796	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
1	M1	X	0	0	0	%100
2	M1	Ζ	0	0	0	%100
3	M2	X	0	0	0	%100
4	M2	Z	0	0	0	%100
5	M3	X	0	0	0	%100
6	M3	Ζ	703	703	0	%100
7	M6	X	0	0	0	%100
8	M6	Ζ	0	0	0	%100
9	M27	X	0	0	0	%100
10	M27	Z	867	867	0	%100
11	M33	X	0	0	0	%100
12	M33	Ζ	867	867	0	%100
13	M34	Χ	0	0	0	%100
14	M34	Z	-2.167	-2.167	0	%100
15	M35	X	0	0	0	%100
16	M35	Ζ	-2.167	-2.167	0	%100
17	MP1A	Χ	0	0	0	%100
18	MP1A	Z	515	515	0	%100
19	M147	X	0	0	0	%100
20	M147	Z	0	0	0	%100
21	M148	Χ	0	0	0	%100

	Member Label	Direction	Start Magnitude[lb/ft,.	End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
22	M148	Z	0	0	0	%100
23	M103A	X	0	0	0	%100
24	M103A	Z	542	542	0	%100
25	M104A	X	0	0	0	%100
26	M104A	Z	653	653	0	%100
27	M101A	X	0	0	0	%100
28	M101A	Z	722	722	0	%100
29	M101B	X	0	0	0	%100
30	M101B	Z	653	653	0	%100
31	M102A	X	0	0	0	%100
32	M102A	Z	542	542	0	%100
33	M103B	X	0	0	0	%100
34	M103B	Z	653	653	0	%100
35	M104B	X	0	0	0	%100
36	M104B	Z	722	722	0	%100
37	M110B	X	0	0	0	%100
38	M110B	Z	623	623	0	%100
39	M109B	X	0	0	0	%100
40	M109B	Z	867	867	0	%100
41	M110C	X	0	0	0	%100
42	M110C	Z	867	867	0	%100
43	M108A	X	0	0	0	%100
44	M108A	Z	217	217	0	%100
45	M109A	X	0	0	0	%100
46	M109A	Z	217	217	0	%100
47	M112A	X	0	0	0	%100
48	M112A	Z	217	217	0	%100
49	M113A	X	0	0	0	%100
50	M113A	Z	217	217	0	%100
51	M116A	X	0	0	0	%100
52	M116A	Z	542	542	0	%100
53	M117B	X	0	0	0	%100
54	M117B	Z	542	542	0	%100
55	M118A	X	0	0	0	%100
56	M118A	Z	0	0	0	%100
57	M118C	X	0	0	0	%100
58	M118C	Z	0	0	0	%100
59	M122A	X	0	0	0	%100
60	M122A	Z	542	542	0	%100
61	M123A	X	0	0	0	%100
62	M123A	Z	217	217	0	%100
63	M124A	X	0	0	0	%100
64	M124A	Z	217	217	0	%100
65	M127A	X	0	0	0	%100
66	M127A	Z	542	542	0	%100
67	M128A	X	0	0	0	%100
68	M128A	Z	217	217	0	%100
69	M129A	X	0	0	0	%100
70	M129A	Z	217	217	0	%100
71	M132A	X	0	0	0	%100
72	M132A	Z	-1.456	-1.456	0	%100
73	M133A	X	0	0	0	%100
74	M133A	Z	-1.214	-1.214	0	%100
75	M136B	X	0	0	0	%100
76	M136B	Z	65	65	0	%100
77	M140A	X	0	0	0	%100
78	M140A	Z	65	65	0	%100



	Member Label	Direction	Start Magnitude[lb/ft,	.End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
79	M142A	X	0	0	0	%100
80	M142A	Z	65	65	0	%100
81	M144A	Χ	0	0	0	%100
82	M144A	Z	-1.456	-1.456	0	%100
83	M145B	X	0	0	0	%100
84	M145B	Z	-1.214	-1.214	0	%100
85	M148A	X	0	0	0	%100
86	M148A	Z	65	65	0	%100
87	M152	X	0	0	0	%100
88	M152	Z	65	65	0	%100
89	M154	X	0	0	0	%100
90	M154	Z	65	65	0	%100
91	M152A	X	0	0	0	%100
92	M152A	Z	623	623	0	%100
93	M153A	X	0	0	0	%100
94	M153A	Z	623	623	0	%100
95	M156	X	0	0	0	%100
96	M156	Z	95	95	0	%100
97	M160	X	0	0	0	%100
98	M160	Z	658	658	0	%100
99	M161	X	0	0	0	%100
100	M161	Z	658	658	0	%100
101	M164	X	0	0	0	%100
102	M164	Z	237	237	0	%100
103	M169	X	0	0	0	%100
104	M169	Z	658	658	0	%100
105	M170	X	0	0	0	%100
106	M170	Z	658	658	0	%100
107	M173	X	0	0	0	%100
108	M173	Z	237	237	0	%100
109	M173A	X	0	0	0	%100
110	M173A	Z	396	396	0	%100
111	M174	X	0	0	0	%100
112	M174	Z	653	653	0	%100
113	M175	X	0	0	0	%100
114	M175	Z	371	371	0	%100
115	M176	X	0	0	0	%100
116	M176	Z	653	653	0	%100
117	M177	X	0	0	0	%100
118	M177	Z	417	417	0	%100
119	M178	X	0	0	0	%100
120	M178	Z	653	653	0	%100
121	M179	X	0	0	0	%100
122	M179	Z	366	366	0	%100
123	M180	X	0	0	0	%100
124	M180	Z	396	396	0	%100
125	M181	X	0	0	0	%100
126	M181	Z	653	653	0	%100 %400
127	M182	X	0	0	0	%100
128	M182	Z	371	371	0	%100 %400
129	M183	X	0	0	0	%100 %400
130	M183	Z	653	653	0	%100
131	M184	X	0	0	0	%100 %400
132	M184	Z	417	417	0	%100 %400
133	M185	X	0	0	0	%100
134	M185	Z	653	653	0	%100 %400
135	M186	X	0	0	0	%100

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136	Member Label	Direction		End Magnitude[lb/ft,F		End Location[ft,%]
	M186	<u>Z</u>	366	366	0	%100 %400
137	MP2A	X	0	0	0	%100
138	MP2A	Z	515	515	0	%100 %400
139	MP3A	X	0	0	0	%100
140	MP3A	Z	515	515	0	%100
141	MP4A	X	0	0	0	%100
142	MP4A	Z	515	515	0	%100
143	MP1C	X	0	0	0	%100
144	MP1C	Z	515	515	0	%100
145	MP2C	X	0	0	0	%100
146	MP2C	Z	515	515	0	%100
147	MP3C	X	0	0	0	%100
148	MP3C	Z	515	515	0	%100
149	MP4C	X	0	0	0	%100
150	MP4C	Z	515	515	0	%100
151	MP1B	X	0	0	0	%100
152	MP1B	Z	515	515	0	%100
153	MP2B	X	0	0	0	%100
154	MP2B	Z	515	515	0	%100
155	MP3B	Χ	0	0	0	%100
156	MP3B	Z	515	515	0	%100
157	MP4B	Χ	0	0	0	%100
158	MP4B	Z	515	515	0	%100
159	M148B	X	0	0	0	%100
160	M148B	Z	421	421	0	%100
161	M153B	Χ	0	0	0	%100
162	M153B	Z	006	006	0	%100
163	M154B	X	0	0	0	%100
164	M154B	Ζ	006	006	0	%100
165	M159A	X	0	0	0	%100
166	M159A	Ζ	006	006	0	%100
167	M160A	Χ	0	0	0	%100
168	M160A	Z	006	006	0	%100
169	M162A	X	0	0	0	%100
170	M162A	Z	421	421	0	%100
171	M167A	Χ	0	0	0	%100
172	M167A	Z	045	045	0	%100
173	M168A	X	0	0	0	%100
174	M168A	Z	045	045	0	%100
175	M173B	X	0	0	0	%100
176	M173B	Z	045	045	0	%100
177	M174A	X	0	0	0	%100
178	M174A	Z	045	045	0	%100
179	M176A	X	0	0	0	%100
180	M176A	Z	421	421	0	%100
181	M181A	X	0	0	0	%100
182	M181A	Ž	084	084	0	%100
183	M182A	X	0	0	0	%100
184	M182A	Z	084	084	0	%100 %100
185	M187B	X	0	0	0	%100 %100
186	M187B	Z	084	084	0	%100 %100
187	M188	X	0	004	0	%100 %100
188	M188	Z	084	084	0	%100 %100
189	M187C	X	0	0	0	%100 %100
190	M187C	Z	397	397	0	%100 %100
191	M190	X	397	391	0	%100 %100
192	M190	Z	397	397	0	%100 %100
192	IVITYU		391	381	U	/0100



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400	Member Label	Direction		End Magnitude[lb/ft,F		End Location[ft,%]
193	M193	X	0	0	0	%100
194	M193	Z	397	397	0	%100
195	M198	X	0	0	0	%100
196	M198	Z	515	515	0	%100
197	M201	X	0	0	0	%100
198	M201	Z	515	515	0	%100
199	M204	X	0	0	0	%100
200	M204	Z	515	515	0	%100
201	M209	X	0	0	0	%100
202	M209	Z	623	623	0	%100
203	M214	X	0	0	0	%100
204	M214	Z	156	156	0	%100
205	M219	X	0	0	0	%100
206	M219	Z	156	156	0	%100
207	M226	Χ	0	0	0	%100
208	M226	Z	894	894	0	%100
209	M227	Χ	0	0	0	%100
210	M227	Z	223	223	0	%100
211	M228	Χ	0	0	0	%100
212	M228	Z	223	223	0	%100
213	M231	X	0	0	0	%100
214	M231	Z	081	081	0	%100
215	M233	Χ	0	0	0	%100
216	M233	Z	02	02	0	%100
217	M237	Х	0	0	0	%100
218	M237	Z	02	02	0	%100
219	M242	Χ	0	0	0	%100
220	M242	Z	395	395	0	%100
221	M243	Х	0	0	0	%100
222	M243	Z	482	482	0	%100
223	M244	X	0	0	0	%100
224	M244	Z	703	703	0	%100
225	M251A	Х	0	0	0	%100
226	M251A	Z	703	703	0	%100
227	M253	Х	0	0	0	%100
228	M253	Z	703	703	0	%100
229	M256	X	0	0	0	%100
230	M256	Z	719	719	0	%100
231	M257	X	0	0	0	%100
232	M257	Z	902	902	0	%100
233	M258	X	0	0	0	%100
234	M258	Z	902	902	0	%100
235	M259	X	0	0	0	%100
236	M259	Ž	641	641	Ö	%100
237	M260	X	0	0	0	%100
238	M260	Z	662	662	0	%100
239	M261	X	0	0	0	%100
240	M261	Z	703	703	0	%100 %100
241	M262	X	0	0	0	%100
242	M262	Z	641	641	0	%100 %100
243	M263	X	0	0	0	%100
244	M263	Z	662	662	0	%100 %100
245	M264	X	0	0	0	%100
246	M264	Z	703	703	0	%100 %100
		-				

	Member Label	Direction		End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
1	M1	X	.243	.243	0	%100
2	M1	Z	42	42	0	%100
3	M2	X	.202	.202	0	%100
4	M2	Z	351	351	0	%100
5	M3	X	.351	.351	0	%100
6	M3	Z	609	609	0	%100
7	M6	X	.108	.108	0	%100
8	M6	Z	188	188	0	%100
9	M27	X	.325	.325	0	%100
10	M27	Z	563	563	0	%100
11	M33	X	.325	.325	0	%100
12	M33	Z	563	563	0	%100
13	M34	X	.813	.813	0	%100
14	M34	Z	-1.407	-1.407	0	%100
15	M35	X	.813	.813	0	%100
16	M35	Z	-1.407	-1.407	0	%100
17	MP1A	X	.257	.257	0	%100
18	MP1A	Z	446	446	0	%100
19	M147	X	.11	.11	0	%100
20	M147	Z	19	19	0	%100
21	M148	X	.11	.11	0	%100
22	M148	Z	19	19	0	%100
23	M103A	X	.247	.247	0	%100
24	M103A	Z	427	427	0	%100
25	M104A	X	.327	.327	0	%100
26	M104A	Z	566	566	0	%100
27	M101A	X	.303	.303	0	%100
28	M101A	Z	524	524	0	%100
29	M101B	X	.327	.327	0	%100
30	M101B	Z	566	566	0	%100
31	M102A	X	.25	.25	0	%100
32	M102A	Z	433	433	0	%100
33	M103B	X	.327	.327	0	%100
34	M103B	Z	566	566	0	%100
35	M104B	X	.302	.302	0	%100
36	M104B	Z	523	523	0	%100
37	M110B	X	.311	.311	0	%100
38	M110B	Z	539	539	0	%100
39	M109B	X	.325	.325	0	%100
40	M109B	Z	563	563	0	%100
41	M110C	X	.325	.325	0	%100
42	M110C	Z	563	563	0	%100
43	M108A	X	.325	.325	0	%100
44	M108A	Z	563	563	0	%100
45	M109A	X	.325	.325	0	%100
46	M109A	Z	563	563	0	%100
47	M112A	X	0	0	0	%100
48	M112A	Z	0	0	0	<u>%100</u>
49	M113A	X	0	0	0	%100
50	M113A	Z	0	0	0	%100
51	M116A	X	.813	.813	0	%100
52	M116A	Z	-1.407	-1.407	0	%100
53	M117B	X	0	0	0	%100
54	M117B	Z	0	0	0	%100
55	M118A	X	.108	.108	0	%100
56	M118A	Z	188	188	0	%100
57	M118C	X	.108	.108	0	%100

	Member Label	Direction	Start Magnitude[lb/ft,.	End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
58	M118C	Z	188	188	0	%100
59	M122A	X	.813	.813	0	%100
60	M122A	Z	-1.407	-1.407	0	%100
61	M123A	X	.325	.325	0	%100
62	M123A	Z	563	563	0	%100
63	M124A	X	.325	.325	0	%100
64	M124A	Z	563	563	0	%100
65	M127A	X	0	0	0	%100
66	M127A	Z	0	0	0	%100
67	M128A	X	0	0	0	%100
68	M128A	Z	0	0	0	%100
69	M129A	X	0	0	0	%100
70	M129A	Z	0	0	0	%100
71	M132A	X	.243	.243	0	%100
72	M132A	Z	42	42	0	%100
73	M133A	X	.202	.202	0	%100
74	M133A	Z	351	351	0	%100
75	M136B	X	.108	.108	0	%100
76	M136B	Z	188	188	0	%100
77	M140A	X	.108	.108	0	%100
78	M140A	Z	188	188	0	%100
79	M142A	X	.108	.108	0	%100
80	M142A	Z	188	188	0	%100
81	M144A	X	.971	.971	0	%100
82	M144A	Z	-1.681	-1.681	0	%100
83	M145B	X	.81	.81	0	%100
84	M145B	Z	-1.402	-1.402	0	%100
85	M148A	X	.433	.433	0	%100
86	M148A	Z	751	751	0	%100
87	M152	X	.433	.433	0	%100
88	M152	Z	751	751	0	%100
89	M154	X	.433	.433	0	%100
90	M154	Z	751	751	0	%100
91	M152A	X	.311	.311	0	%100
92	M152A	Z	539	539	0	%100
93	M153A	X	.311	.311	0	%100
94	M153A	Z	539	539	0	%100
95	<u>M156</u>	X	.356	.356	0	%100
96	M156	Z	617	617	0	%100
97	M160	X	.11	.11	0	%100
98	M160	Z	19	19	0	%100
99	M161	X	.11	.11	0	%100
100	M161	Z	19	19	0	%100
101	M164	X	.356	.356	0	%100
102	M164	Z	617	617	0	%100
103	M169	X	.439	.439	0	%100
104	M169	Z	76	76	0	%100
105	M170	X	.439	.439	0	%100
106	M170	Z	76	76	0	%100
107	M173	X	0	0	0	%100
108	M173	Z	0	0	0	%100
109	M173A	X	.247	.247	0	%100
110	M173A	Z	427	427	0	%100
111	M174	X	.327	.327	0	%100
112	M174	Z	566	566	0	%100
113	M175	X	.303	.303	0	%100
114	M175	Z	524	524	0	%100



	Member Label	Direction		.End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
115	M176	X	.327	.327	0	%100 ·
116	M176	Z	566	566	0	%100
117	M177	X	.25	.25	0	%100
118	M177	Z	433	433	0	%100
119	M178	X	.327	.327	0	%100
120	M178	Z	566	566	0	%100
121	M179	X	.302	.302	0	%100
122	M179	Z	523	523	0	%100
123	M180	X	.174	.174	0	%100
124	M180	Z	301	301	0	%100
125	M181	X	.327	.327	0	%100
126	M181	Z	566	566	0	%100
127	M182	X	.127	.127	0	%100
128	M182	Z	22	22	0	%100
129	M183	X	.327	.327	0	%100
130	M183	Z	566	566	0	%100
131	M184	X	.188	.188	0	%100
132	M184	Z	325	325	0	%100
133	M185	X	.327	.327	0	%100
134	M185	Z	566	566	0	%100
135	M186	X	.124	.124	0	%100
136	M186	Z	214	214	0	%100
137	MP2A	X	.257	.257	0	%100
138	MP2A	Z	446	446	0	%100
139	MP3A	X	.257	.257	0	%100
140	MP3A	Z	446	446	0	%100
141	MP4A	X	.257	.257	0	%100
142	MP4A	Z	446	446	0	%100
143	MP1C	X	.257	.257	0	%100
144	MP1C	Z	446	446	0	%100
145	MP2C	X	.257	.257	0	%100
146	MP2C	Z	446	446	0	%100
147	MP3C	X	.257	.257	0	%100
148	MP3C	Z	446	446	0	%100
149	MP4C	X	.257	.257	0	%100
150	MP4C	Z	446	446	0	%100
151	MP1B	X	.257	.257	0	%100
152	MP1B	Z	446	446	0	%100
153	MP2B	X	.257	.257	0	%100
154	MP2B	Z	446	446	0	%100
155	MP3B	X	.257	.257	0	%100
156	MP3B	Z	446	446	0	%100
157	MP4B	X	.257	.257	0	%100
158	MP4B	Z	446	446	0	%100
159	M148B	X	.21	.21	0	%100
160	M148B	Z	364	364	0	%100
161	M153B	X	.023	.023	0	%100
162	M153B	Z	039	039	0	%100
163	M154B	X	.023	.023	0	%100
164	M154B	Z	039	039	0	%100
165	M159A	X	.023	.023	0	%100
166	M159A	Z	039	039	0	%100
167	M160A	X	.023	.023	0	%100
168	M160A	Z	039	039	0	%100
169	M162A	X	.21	.21	0	%100
170	M162A	Z	364	364	0	%100
171	M167A	X	.003	.003	0	%100



			. Ottactare Wil			
470	Member Label	Direction		End Magnitude[lb/ft,F		End Location[ft,%]
172	M167A	Z	005	005	0	%100
173	M168A	X	.003	.003	0	%100
174	M168A	<u>Z</u>	005	005	0	%100
175	M173B	X	.003	.003	0	%100
176	M173B	Z	005	005	0	%100
177	M174A	X	.003	.003	0	%100
178	M174A	Z	005	005	0	%100
179	M176A	X	.21	.21	0	%100
180	M176A	Z	364	364	0	%100
181	M181A	X	.042	.042	0	%100
182	M181A	Z	073	073	0	%100
183	M182A	X	.042	.042	0	%100
184	M182A	Z	073	073	0	%100
185	M187B	X	.042	.042	0	%100
186	M187B	Z	073	073	0	%100
187	M188	X	.042	.042	0	%100
188	M188	Z	073	073	0	%100
189	M187C	Χ	.198	.198	0	%100
190	M187C	Z	344	344	0	%100
191	M190	Χ	.198	.198	0	%100
192	M190	Z	344	344	0	%100
193	M193	X	.198	.198	0	%100
194	M193	Z	344	344	0	%100
195	M198	X	.257	.257	0	%100
196	M198	Z	446	446	0	%100
197	M201	X	.257	.257	0	%100
198	M201	Z	446	446	0	%100
199	M204	X	.257	.257	0	%100
200	M204	Z	446	446	0	%100
201	M209	X	.234	.234	0	%100
202	M209	Z	405	405	0	%100
203	M214	X	.234	.234	0	%100
204	M214	Z	405	405	0	%100
205	M219	X	0	0	0	%100
206	M219	Z	0	0	0	%100
207	M226	X	.335	.335	0	%100
208	M226	Z	581	581	0	%100
209	M227	X	.335	.335	0	%100
210	M227	Z	581	581	0	%100
211	M228	X	0	0	0	%100
212	M228	Z	0	0	0	%100
213	M231	X	.03	.03	0	%100
214	M231	Z	053	053	0	%100
215	M233	X	.03	.03	0	%100
216	M233	Z	053	053	0	%100
217	M237	X	0	0	0	%100
218	M237	Z	0	0	0	%100
219	M242	<u>X</u>	.239	.239	0	%100
220	M242	Z	413	413	0	%100
221	M243	X	.271	.271	0	%100
222	M243	Z	469	469	0	%100
223	M244	X	.351	.351	0	%100
224	M244	Z	609	609	0	%100
225	M251A	X	.351	.351	0	%100
226	M251A	Z	609	609	0	%100
227	M253	<u> </u>	.351	.351	0	%100
228	M253	Z	609	609	0	%100

	Member Label	Direction	Start Magnitude[lb/ft,	.End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
229	M256	X	.39	.39	0	%100
230	M256	Z	675	675	0	%100
231	M257	Χ	.39	.39	0	%100
232	M257	Z	675	675	0	%100
233	M258	Χ	.481	.481	0	%100
234	M258	Z	834	834	0	%100
235	M259	X	.239	.239	0	%100
236	M259	Ζ	413	413	0	%100
237	M260	X	.271	.271	0	%100
238	M260	Ζ	469	469	0	%100
239	M261	X	.351	.351	0	%100
240	M261	Ζ	609	609	0	%100
241	M262	X	.361	.361	0	%100
242	M262	Z	625	625	0	%100
243	M263	Χ	.361	.361	0	%100
244	M263	Z	625	625	0	%100
245	M264	Χ	.351	.351	0	%100
246	M264	Z	609	609	0	%100

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

	Member Label	Direction		.End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
1	M1	Χ	1.261	1.261	0	%100
2	M1	Z	728	728	0	%100
3	M2	X	1.052	1.052	0	%100
4	M2	Z	607	607	0	%100
5	M3	X	.609	.609	0	%100
6	M3	Ζ	351	351	0	%100
7	M6	X	.563	.563	0	%100
8	M6	Z	325	325	0	%100
9	M27	X	.188	.188	0	%100
10	M27	Ζ	108	108	0	%100
11	M33	X	.188	.188	0	%100
12	M33	Z	108	108	0	%100
13	M34	X	.469	.469	0	%100
14	M34	Ζ	271	271	0	%100
15	M35	X	.469	.469	0	%100
16	M35	Z	271	271	0	%100
17	MP1A	X	.446	.446	0	%100
18	MP1A	Ζ	257	257	0	%100
19	M147	X	.57	.57	0	%100
20	M147	Ζ	329	329	0	%100
21	M148	X	.57	.57	0	%100
22	M148	Ζ	329	329	0	%100
23	M103A	X	.343	.343	0	%100
24	M103A	Ζ	198	198	0	%100
25	M104A	Χ	.566	.566	0	%100
26	M104A	Ζ	327	327	0	%100
27	M101A	X	.321	.321	0	%100
28	M101A	Ζ	185	185	0	%100
29	M101B	Х	.566	.566	0	%100
30	M101B	Z	327	327	0	%100
31	M102A	X	.361	.361	0	%100
32	M102A	Z	209	209	0	%100
33	M103B	X	.566	.566	0	%100
34	M103B	Z	327	327	0	%100
35	M104B	Χ	.317	.317	0	%100

	Member Label	Direction		End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
36	M104B	Z	183	183	0	%100
37	M110B	X	.539	.539	0	%100
38	M110B	Z	311	311	0	%100
39	M109B	Χ	.188	.188	0	%100
40	M109B	Z	108	108	0	%100
41	M110C	X	.188	.188	0	%100
42	M110C	Ζ	108	108	0	%100
43	M108A	X	.751	.751	0	%100
44	M108A	Z	433	433	0	%100
45	M109A	X	.751	.751	0	%100
46	M109A	Ζ	433	433	0	%100
47	M112A	X	.188	.188	0	%100
48	M112A	Ζ	108	108	0	%100
49	M113A	X	.188	.188	0	%100
50	M113A	Ζ	108	108	0	%100
51	M116A	X	1.876	1.876	0	%100
52	M116A	Ζ	-1.083	-1.083	0	%100
53	M117B	X	.469	.469	0	%100
54	M117B	Z	271	271	0	%100
55	M118A	Χ	.563	.563	0	%100
56	M118A	Z	325	325	0	%100
57	M118C	Χ	.563	.563	0	%100
58	M118C	Z	325	325	0	%100
59	M122A	X	1.876	1.876	0	%100
60	M122A	Z	-1.083	-1.083	0	%100
61	M123A	X	.751	.751	0	%100
62	M123A	Z	433	433	0	%100
63	M124A	X	.751	.751	0	%100
64	M124A	Ž	433	433	0	%100
65	M127A	X	.469	.469	0	%100
66	M127A	Ž	271	271	0	%100
67	M128A	X	.188	.188	0	%100
68	M128A	Ž	108	108	0	%100
69	M129A	X	.188	.188	0	%100
70	M129A	Z	108	108	0	%100
71	M132A	X	0	0	0	%100
72	M132A	Ž	0	0	0	%100
73	M133A	X	0	0	0	%100
74	M133A	Z	0	0	0	%100
75	M136B	X	0	0	0	%100
76	M136B	Z	0	0	0	%100
77	M140A	X	0	0	0	%100
78	M140A	Z	0	0	0	%100 %100
79	M142A	X	0	0	0	%100
80	M142A	Z	0	0	0	%100
81	M144A	X	1.261	1.261	0	%100
82	M144A	Z	728	728	0	%100 %100
83	M145B	X	1.052	1.052	0	%100
84	M145B	Z	607	607	0	%100 %100
85	M148A	X	.563	.563	0	%100 %100
86	M148A	Z	325	325	0	%100 %100
87	M152	X	.563	.563	0	%100 %100
88	M152	Z	325	325	0	%100 %100
89	M154	X	.563	.563	0	%100 %100
90	M154	Z	325	325	0	%100 %100
91	M152A	X	.539	.539	0	%100 %100
92	M152A	Z	311	311	0	%100 %100
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	Member Label	Direction		End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
93	M153A	X	.539	.539	0	%100 ·
94	M153A	Z	311	311	0	%100
95	M156	X	.206	.206	0	%100
96	M156	Z	119	119	0	%100
97	M160	X	0	0	0	%100
98	M160	Z	0	0	0	%100
99	M161	X	0	0	0	%100
100	M161	Z	0	0	0	%100
101	M164	X	.823	.823	0	%100
102	M164	Z	475	475	0	%100
103	M169	X	.57	.57	0	%100
104	M169	Z	329	329	0	%100
105	M170	X	.57	.57	0	%100
106	M170	Z	329	329	0	%100
107	M173	X	.206	.206	0	%100
108	M173	Z	119	119	0	%100
109	M173A	X	.469	.469	0	%100
110	M173A	Z	271	271	0	%100
111	M174	X	.566	.566	0	%100
112	M174	Z	327	327	0	%100
113	M175	X	.625	.625	0	%100
114	M175	Z	361	361	0	%100
115	M176	X	.566	.566	0	%100
116	M176	Z	327	327	0	%100
117	M177	X	.469	.469	0	%100
118	M177	Z	271	271	0	%100
119	M178	X	.566	.566	0	%100
120	M178	Z	327	327	0	%100
121	M179	X	.625	.625	0	%100
122	M179	Z	361	361	0	%100
123	M180	X	.343	.343	0	%100
124	M180	Z	198	198	0	%100
125	M181	X	.566	.566	0	%100
126	M181	Z	327	327	0	%100
127	M182	X	.321	.321	0	%100
128	M182	Z	185	185	0	%100
129	M183	X	.566	.566	0	%100
130	M183	Z	327	327	0	%100
131	M184	X	.361	.361	0	%100
132	M184	Z	209	209	0	%100
133	M185	X	.566	.566	0	%100
134	M185	Z	327	327	0	%100
135	M186	X	.317	.317	0	%100
136	M186	Z	183	183	0	%100
137	MP2A	X	.446	.446	0	%100
138	MP2A	Z	257	257	0	%100
139	MP3A	X	.446	.446	0	%100
140	MP3A	Z	257	257	0	%100
141	MP4A	X	.446	.446	0	%100
142	MP4A	Z	257	257	0	%100
143	MP1C	X	.446	.446	0	%100
144	MP1C	Z	257	257	0	%100
145	MP2C	X	.446	.446	0	%100
146	MP2C	Z	257	257	0	%100
147	MP3C	X	.446	.446	0	%100
148	MP3C	Z	257	257	0	%100
149	MP4C	X	.446	.446	0	%100



	Member Label	Direction	Start Magnitude[lb/ft,.	End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
150	MP4C	Z	257	257	0	%100
151	MP1B	X	.446	.446	0	%100
152	MP1B	Z	257	257	0	%100
153	MP2B	X	.446	.446	0	%100
154	MP2B	Z	257	257	0	%100
155	MP3B	X	.446	.446	0	%100
156	MP3B	Z	257	257	0	%100
157	MP4B	X	.446	.446	0	%100
158	MP4B	Z	257	257	0	%100
159	M148B	X	.364	.364	0	%100
160	M148B	Z	21	21	0	%100
161	M153B	X	.073	.073	0	%100
162	M153B	Z	042	042	0	%100
163	M154B	X	.073	.073	0	%100
164	M154B	Z	042	042	0	%100
165	M159A	X	.073	.073	0	%100
166	M159A	Z	042	042	0	%100
167	M160A	X	.073	.073	0	%100
168	M160A	Z	042	042	0	%100
169	M162A	X	.364	.364	0	%100
170	M162A	Z	21	21	0	%100
171	M167A	X	.005	.005	0	%100
172	M167A	Z	003	003	0	%100
173	M168A	X	.005	.005	0	%100
174	M168A	Z	003	003	0	%100
175	M173B	X	.005	.005	0	%100
176	M173B	Z	003	003	0	%100
177	M174A	X	.005	.005	0	%100
178	M174A	Z	003	003	0	%100
179	M176A	X	.364	.364	0	%100
180	M176A	Z	21	21	0	%100
181	M181A	X	.039	.039	0	%100
182	M181A	Z	023	023	0	%100
183	M182A	X	.039	.039	0	%100
184	M182A	Z	023	023	0	%100
185	M187B	X	.039	.039	0	%100
186	M187B	Z	023	023	0	%100
187	M188	X	.039	.039	0	%100
188	M188	Z	023	023	0	%100
189	M187C	X	.344	.344	0	%100
190	M187C	Z	198	198	0	%100
191	M190	X	.344	.344	0	%100
192	M190	Z	198	198	0	%100
193	M193	X	.344	.344	0	%100
194	M193	Z	198	198	0	%100
195	M198	X	.446	.446	0	%100
196	M198	Z	257	257	0	%100
197	M201	X	.446	.446	0	%100
198	M201	Z	257	257	0	%100
199	M204	X	.446	.446	0	%100
200	M204	Z	257	257	0	%100
201	M209	X	.135	.135	0	%100
202	M209	Z	078	078	0	%100
203	M214	X	.539	.539	0	%100
204	M214	Z	311	311	0	%100
205	M219	X	.135	.135	0	%100
206	M219	Z	078	078	0	%100



	Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
207	M226	Χ	.194	.194	0	%100
208	M226	Z	112	112	0	%100
209	M227	X	.774	.774	0	%100
210	M227	Z	447	447	0	%100
211	M228	X	.194	.194	0	%100
212	M228	Ζ	112	112	0	%100
213	M231	X	.018	.018	0	%100
214	M231	Z	01	01	0	%100
215	M233	X	.07	.07	0	%100
216	M233	Z	041	041	0	%100
217	M237	X	.018	.018	0	%100
218	M237	Z	01	01	0	%100
219	M242	X	.555	.555	0	%100
220	M242	Z	32	32	0	%100
221	M243	X	.573	.573	0	%100
222	M243	Z	331	331	0	%100
223	M244	Χ	.609	.609	0	%100
224	M244	Z	351	351	0	%100
225	M251A	Χ	.609	.609	0	%100
226	M251A	Z	351	351	0	%100
227	M253	Х	.609	.609	0	%100
228	M253	Z	351	351	0	%100
229	M256	Χ	.781	.781	0	%100
230	M256	Z	451	451	0	%100
231	M257	Х	.622	.622	0	%100
232	M257	Z	359	359	0	%100
233	M258	Х	.781	.781	0	%100
234	M258	Z	451	451	0	%100
235	M259	Χ	.342	.342	0	%100
236	M259	Z	198	198	0	%100
237	M260	Χ	.417	.417	0	%100
238	M260	Z	241	241	0	%100
239	M261	Х	.609	.609	0	%100
240	M261	Ζ	351	351	0	%100
241	M262	Χ	.555	.555	0	%100
242	M262	Z	32	32	0	%100
243	M263	X	.573	.573	0	%100
244	M263	Z	331	331	0	%100
245	M264	Х	.609	.609	0	%100
246	M264	Z	351	351	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
1	M1	X	1.941	1.941	0	%100
2	M1	Z	0	0	0	%100
3	M2	X	1.619	1.619	0	%100
4	M2	Z	0	0	0	%100
5	M3	Χ	.703	.703	0	%100
6	M3	Z	0	0	0	%100
7	M6	Χ	.867	.867	0	%100
8	M6	Ζ	0	0	0	%100
9	M27	X	0	0	0	%100
10	M27	Z	0	0	0	%100
11	M33	X	0	0	0	%100
12	M33	Z	0	0	0	%100
13	M34	X	0	0	0	%100

	Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
14	M34	Z	0	0	0	%100
15	M35	X	0	0	0	%100
16	M35	Z	0	0	0	%100
17	MP1A	X	.515	.515	0	%100
18	MP1A	Z	0	0	0	%100
19	M147	X	.877	.877	0	%100
20	M147	Z	0	0	0	%100
21	M148	X	.877	.877	0	%100
22	M148	Z	0	0	0	%100
23	M103A	X	.347	.347	0	%100
24	M103A	Z	0	0	0	%100
25	M104A	X	.653	.653	0	%100
26	M104A	Z	0	0	0	%100
27	M101A	X	.254	.254	0	%100
28	M101A	Z	0	0	0	%100
29	M101B	X	.653	.653	0	%100
30	M101B	Z	0	0	0	%100
31	M102A	Х	.375	.375	0	%100
32	M102A	Z	0	0	0	%100
33	M103B	Х	.653	.653	0	%100
34	M103B	Z	0	0	0	%100
35	M104B	Χ	.247	.247	0	%100
36	M104B	Z	0	0	0	%100
37	M110B	Х	.623	.623	0	%100
38	M110B	Z	0	0	0	%100
39	M109B	X	0	0	0	%100
40	M109B	Z	0	0	0	%100
41	M110C	X	0	0	0	%100
42	M110C	Z	0	0	0	%100
43	M108A	X	.65	.65	0	%100
44	M108A	Z	0	0	0	%100
45	M109A	X	.65	.65	0	%100
46	M109A	Z	0	0	0	%100
47	M112A	X	.65	.65	0	%100
48	M112A	Z	0	0	0	%100
49	M113A	X	.65	.65	0	%100
50	M113A	Z	0	0	0	%100
51	M116A	X	1.625	1.625	0	%100
52	M116A	Ž	0	0	0	%100
53	M117B	X	1.625	1.625	0	%100
54	M117B	Z	0	0	0	%100
55	M118A	X	.867	.867	0	%100
56	M118A	Z	0	0	0	%100
57	M118C	X	.867	.867	0	%100
58	M118C	Z	0	0	0	%100
59	M122A	X	1.625	1.625	0	%100
60	M122A	Z	0	0	0	%100
61	M123A	X	.65	.65	0	%100
62	M123A	Z	0	0	0	%100
63	M124A	X	.65	.65	0	%100
64	M124A	Z	0	0	0	%100 %100
65	M127A	X	1.625	1.625	0	%100
66	M127A	Z	0	0	0	%100 %100
67	M128A	X	.65	.65	0	%100 %100
68	M128A	Z	0	0	0	%100 %100
69	M129A	X	.65	.65	0	%100 %100
70	M129A	Z	0	0	0	%100 %100
10	IVITZUA	_	U		U	70 100

	Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
71	M132A	X	.485	.485	0	%100
72	M132A	Z	0	0	0	%100
73	M133A	X	.405	.405	0	%100
74	M133A	Z	0	0	0	%100
75	M136B	X	.217	.217	0	%100
76	M136B	Z	0	0	0	%100
77	M140A	X	.217	.217	0	%100
78	M140A	Z	0	0	0	%100
79	M142A	X	.217	.217	0	%100
80	M142A	Z	0	0	0	%100
81	M144A	X	.485	.485	0	%100
82	M144A	Z	0	0	0	%100
83	M145B	X	.405	.405	0	%100
84	M145B	Z	0	0	0	%100
85	M148A	X	.217	.217	0	%100
86	M148A	Z	0	0	0	%100
87	M152	X	.217	.217	0	%100
88	M152	Z	0	0	0	%100
89	M154	X	.217	.217	0	%100
90	M154	Z	0	0	0	%100
91	M152A	X	.623	.623	0	%100
92	M152A	Z	0	0	0	%100
93	M153A	X	.623	.623	0	%100
94	M153A	Z	0	0	0	%100
95	M156	X	0	0	0	%100
96	M156	Z	0	0	0	%100
97	M160	X	.219	.219	0	%100
98	M160	Z	0	0	0	%100
99	M161	X	.219	.219	0	%100
100	M161	Z	0	0	0	%100
101	M164	X	.712	.712	0	%100
102	M164	Z	0	0	0	%100
103	M169	X	.219	.219	0	%100
104	M169	Z	0	0	0	%100
105	M170	X	.219	.219	0	%100
106	M170	Z	0	0	0	%100
107	M173	X	.712	.712	0	%100
108	M173	Z	0	0	0	%100
109	M173A	X	.493	.493	0	%100
110	M173A	Z	0	0	0	%100
111	M174	X	.653	.653	0	%100
112	M174	Z	0	0	0	%100
113	M175	X	.605	.605	0	%100
114	M175	Z	0	0	0	%100
115	M176	X	.653	.653	0	%100
116	M176	Z	0	0	0	%100
117	M177	X	.5	.5	0	%100
118	M177	Z	0	0	0	%100
119	M178	X	.653	.653	0	%100
120	M178	Z	0	0	0	%100
121	M179	X	.604	.604	0	%100
122	M179	Z	0	0	0	%100
123	M180	X	.493	.493	0	%100
124	M180	Z	0	0	0	%100
125	M181	X	.653	.653	0	%100
126	M181	Z	0	0	0	%100
127	M182	X	.605	.605	0	%100



	Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
128	M182	Z	0	0	0	%100
129	M183	X	.653	.653	0	%100
130	M183	Z	0	0	0	%100
131	M184	X	.5	.5	0	%100
132	M184	Z	0	0	0	%100
133	M185	X	.653	.653	0	%100
134	M185	Z	0	0	0	%100
135	M186	X	.604	.604	0	%100
136	M186	Z	0	0	0	%100
137	MP2A	X	.515	.515	0	%100
138	MP2A	Z	0	0	0	%100
139	MP3A	X	.515	.515	0	%100
140	MP3A	Z	0	0	0	%100
141	MP4A	X	.515	.515	0	%100
142	MP4A	Z	0	0	0	%100
143	MP1C	X	.515	.515	0	%100
144	MP1C	Z	0	0	0	%100
145	MP2C	X	.515	.515	0	%100
146	MP2C	Z	0	0	0	%100
147	MP3C	X	.515	.515	0	%100
148	MP3C	Z	0	0	0	%100
149	MP4C	X	.515	.515	0	%100
150	MP4C	Z	0	0	0	%100
151	MP1B	X	.515	.515	0	%100
152	MP1B	Z	0	0	0	%100
153	MP2B	X	.515	.515	0	%100
154	MP2B	Z	0	0	0	%100
155	MP3B	X	.515	.515	0	%100
156	MP3B	Z	0	0	0	%100
157	MP4B	X	.515	.515	0	%100
158	MP4B	Z	0	0	0	%100
159	M148B	X	.421	.421	0	%100
160	M148B	Z	0	0	0	%100
161	M153B	X	.084	.084	0	%100
162	M153B	Z	0	0	0	%100
163	M154B	X	.084	.084	0	%100
164	M154B	Z	0	0	0	%100
165	M159A	X	.084	.084	0	%100
166	M159A	Z	0	0	0	%100
167	M160A	X	.084	.084	0	%100
168	M160A	Z	0	0	0	%100
169	M162A	X	.421	.421	0	%100
170	M162A	Z	0	0	0	%100 %400
171	M167A	X	.045	.045	0	%100
172	M167A	Z	0	0	0	%100
173	M168A	X	.045	.045	0	%100
174	M168A	Z	0	0	0	%100
175	M173B	X	.045	.045	0	%100 %400
176	M173B	Z	0	0	0	%100 %400
177	M174A	X	.045	.045	0	%100
178	M174A	Z	0	0	0	%100 %400
179	M176A	X	.421	.421	0	%100
180	M176A	Z	0	0	0	%100 %400
181	M181A	X	.006	.006	0	%100
182	M181A	Z	0	0	0	%100
183	M182A	X	.006	.006	0	%100
184	M182A	Z	0	0	0	%100

	Member Label	Direction	Start Magnitude[lb/ft,	.End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
185	M187B	X	.006	.006	0	%100 ·
186	M187B	Z	0	0	0	%100
187	M188	X	.006	.006	0	%100
188	M188	Z	0	0	0	%100
189	M187C	X	.397	.397	0	%100
190	M187C	Z	0	0	0	%100
191	M190	X	.397	.397	0	%100
192	M190	Z	0	0	0	%100
193	M193	X	.397	.397	0	%100
194	M193	Z	0	0	0	%100
195	M198	X	.515	.515	0	%100
196	M198	Z	0	0	0	%100
197	M201	X	.515	.515	0	%100
198	M201	Z	0	0	0	%100
199	M204	X	.515	.515	0	%100
200	M204	Z	0	0	0	%100
201	M209	X	0	0	0	%100
202	M209	Z	0	0	0	%100
203	M214	X	.467	.467	0	%100
204	M214	Z	0	0	0	%100
205	M219	X	.467	.467	0	%100
206	M219	Z	0	0	0	%100
207	M226	X	0	0	0	%100
208	M226	Z	0	0	0	%100
209	M227	X	.67	.67	0	%100
210	M227	Z	0	0	0	%100
211	M228	X	.67	.67	0	%100
212	M228	Z	0	0	0	%100
213	M231	X	0	0	0	%100
214	M231	Z	0	0	0	%100
215	M233	X	.061	.061	0	%100
216	M233	Z	0	0	0	%100
217	M237	X	.061	.061	0	%100
218	M237	Z	0	0	0	%100
219	M242	X	.722	.722	0	%100
220	M242	Z	0	0	0	%100
221	M243	X	.722	.722	0	%100
222	M243	Z	0	0	0	%100
223	M244	X	.703	.703	0	%100
224	M244	Z	0	0	0	%100
225	M251A	X	.703	.703	0	%100
226	M251A	Z	700	0	0	%100
227	M253	X	.703	.703	0	%100
228	M253	Z	0	0	0	%100
229	M256	X	.963	.963	0	%100 %400
230	M256	Z	0 70	0	0	%100 %400
231	M257	X	.78	.78	0	%100 %400
232	M257	Z	0	0	0	%100 %400
233	M258	X	.78	.78	0	%100
234	M258	Z	0	0	0	%100 %400
235	M259	X	.477	.477	0	%100 %400
236	M259	Z	0	540	0	%100 %400
237	M260	X Z	.542	.542	0	%100 %100
238	M260		702	0	0	%100 %100
239	M261	X Z	.703	.703	0	%100 %100
240	M261		0	0	0	%100 %400
241	M262	X	.477	.477	0	%100



	Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
242	M262	Z	0	0	0	%100
243	M263	X	.542	.542	0	%100
244	M263	Z	0	0	0	%100
245	M264	X	.703	.703	0	%100
246	M264	Z	0	0	0	%100

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

	Member Label	Direction		End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
1	<u>M1</u>	X	1.261	1.261	0	%100
2	M1	Z	.728	.728	0	%100
3	M2	X	1.052	1.052	0	%100
4	M2	Z	.607	.607	0	%100
5	<u>M3</u>	X	.609	.609	0	%100
6	<u>M3</u>	Z	.351	.351	0	%100
7	M6	X	.563	.563	0	%100
8	M6	Z	.325	.325	0	%100
9	M27	X	.188	.188	0	%100
10	M27	Z	.108	.108	0	%100
11	M33	X	.188	.188	0	%100
12	M33	Z	.108	.108	0	%100
13	M34	X	.469	.469	0	%100
14	M34	Z	.271	.271	0	%100
15	M35	X	.469	.469	0	%100
16	M35	Z	.271	.271	0	%100
17	MP1A	X	.446	.446	0	%100
18	MP1A	Z	.257	.257	0	%100
19	M147	Х	.57	.57	0	%100
20	M147	Z	.329	.329	0	%100
21	M148	Х	.57	.57	0	%100
22	M148	Z	.329	.329	0	%100
23	M103A	X	.343	.343	0	%100
24	M103A	Z	.198	.198	0	%100
25	M104A	X	.566	.566	0	%100
26	M104A	Z	.327	.327	0	%100
27	M101A	Х	.321	.321	0	%100
28	M101A	Z	.185	.185	0	%100
29	M101B	X	.566	.566	0	%100
30	M101B	Z	.327	.327	0	%100
31	M102A	Х	.361	.361	0	%100
32	M102A	Z	.209	.209	0	%100
33	M103B	X	.566	.566	0	%100
34	M103B	Z	.327	.327	0	%100
35	M104B	X	.317	.317	0	%100
36	M104B	Z	.183	.183	0	%100
37	M110B	X	.539	.539	0	%100
38	M110B	Z	.311	.311	0	%100
39	M109B	X	.188	.188	0	%100
40	M109B	Z	.108	.108	0	%100
41	M110C	X	.188	.188	0	%100
42	M110C	Z	.108	.108	0	%100
43	M108A	X	.188	.188	0	%100
44	M108A	Z	.108	.108	0	%100
45	M109A	X	.188	.188	0	%100
46	M109A	Z	.108	.108	0	%100
47	M112A	X	.751	.751	0	%100
48	M112A	Z	.433	.433	0	%100
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	Member Label	Direction		End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
49	M113A	X	.751	.751	0	%100 ·
50	M113A	Z	.433	.433	0	%100
51	M116A	X	.469	.469	0	%100
52	M116A	Z	.271	.271	0	%100
53	M117B	X	1.876	1.876	0	%100
54	M117B	Z	1.083	1.083	0	%100
55	M118A	X	.563	.563	0	%100
56	M118A	Z	.325	.325	0	%100
57	M118C	X	.563	.563	0	%100
58	M118C	Z	.325	.325	0	%100
59	M122A	X	.469	.469	0	%100
60	M122A	Z	.271	.271	0	%100
61	M123A	X	.188	.188	0	%100
62	M123A	Z	.108	.108	0	%100
63	M124A	X	.188	.188	0	%100
64	M124A	Z	.108	.108	0	%100
65	M127A	X	1.876	1.876	0	%100
66	M127A	Z	1.083	1.083	0	%100
67	M128A	X	.751	.751	0	%100
68	M128A	Z	.433	.433	0	%100
69	M129A	X	.751	.751	0	%100
70	M129A	Z	.433	.433	0	%100
71	M132A	X	1.261	1.261	0	%100
72	M132A	Z	.728	.728	0	%100
73	M133A	X	1.052	1.052	0	%100
74	M133A	Z	.607	.607	0	%100
75	M136B	X	.563	.563	0	%100
76	M136B	Z	.325	.325	0	%100
77	M140A	X	.563	.563	0	%100
78	M140A	Z	.325	.325	0	%100
79	M142A	X	.563	.563	0	%100
80	M142A	Z	.325	.325	0	%100
81	M144A	X	0	0	0	%100
82	M144A	Z	0	0	0	%100
83	M145B	X	0	0	0	%100
84	M145B	Z	0	0	0	%100
85	M148A	X	0	0	0	%100
86	M148A	Z	0	0	0	%100
87	M152	X	0	0	0	%100
88	M152	Z	0	0	0	%100
89	M154	X	0	0	0	%100
90	M154	Z	0	0	0	%100
91	M152A	X	.539	.539	0	%100
92	M152A	Z	.311	.311	0	%100
93	M153A	X	.539	.539	0	%100
94	M153A	Z	.311	.311	0	%100
95	M156	X	.206	.206	0	%100
96	M156	Z	.119	.119	0	%100
97	M160	X	.57	.57	0	%100
98	M160	Z	.329	.329	0	%100
99	M161	X	.57	.57	0	%100
100	M161	Z	.329	.329	0	%100
101	M164	X	.206	.206	0	%100
102	M164	Z	.119	.119	0	%100
103	M169	X	0	0	0	%100
104	M169	Z	0	0	0	%100
105	M170	X	0	0	0	%100



	Member Label	Direction	Start Magnitude[lb/ft,.	End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
106	M170	Z	0	0	0	%100
107	M173	X	.823	.823	0	%100
108	M173	Z	.475	.475	0	%100
109	M173A	X	.343	.343	0	%100
110	M173A	Z	.198	.198	0	%100
111	M174	X	.566	.566	0	%100
112	M174	Z	.327	.327	0	%100
113	M175	X	.321	.321	0	%100
114	M175	Z	.185	.185	0	%100
115	M176	X	.566	.566	0	%100
116	M176	Z	.327	.327	0	%100
117	M177	X	.361	.361	0	%100
118	M177	Z	.209	.209	0	%100
119	M178	X	.566	.566	0	%100
120	M178	Z	.327	.327	0	%100
121	M179	X	.317	.317	0	%100
122	M179	Z	.183	.183	0	%100
123	M180	Х	.469	.469	0	%100
124	M180	Z	.271	.271	0	%100
125	M181	X	.566	.566	0	%100
126	M181	Z	.327	.327	0	%100
127	M182	X	.625	.625	0	%100
128	M182	Z	.361	.361	0	%100
129	M183	X	.566	.566	0	%100
130	M183	Z	.327	.327	0	%100
131	M184	X	.469	.469	0	%100
132	M184	Z	.271	.271	0	%100
133	M185	X	.566	.566	0	%100
134	M185	Z	.327	.327	0	%100
135	M186	X	.625	.625	0	%100
136	M186	Z	.361	.361	0	%100
137	MP2A	X	.446	.446	0	%100
138	MP2A	Z	.257	.257	0	%100
139	MP3A	X	.446	.446	0	%100
140	MP3A	Z	.257	.257	0	%100
141	MP4A	X	.446	.446	0	%100
142	MP4A	Z	.257	.257	0	%100
143	MP1C	X	.446	.446	0	%100
144	MP1C	Z	.257	.257	0	%100
145	MP2C	X	.446	.446	0	%100
146	MP2C	Z	.257	.257	0	%100
147	MP3C	X	.446	.446	0	%100
148	MP3C	Z	.257	.257	0	%100
149	MP4C	X	.446	.446	0	%100
150	MP4C	Z	.257	.257	0	%100
151	MP1B	X	.446	.446	0	%100
152	MP1B	Z	.257	.257	0	%100
153	MP2B	X	.446	.446	0	%100
154	MP2B	Z	.257	.257	0	%100
155	MP3B	X	.446	.446	0	%100
156	MP3B	Z	.257	.257	0	%100
157	MP4B	X	.446	.446	0	%100
158	MP4B	Z	.257	.257	0	%100 %100
159	M148B	X	.364	.364	0	%100 %100
160	M148B	Z	.21	.21	0	%100 %100
161	M153B	X	.039	.039	0	%100 %100
162	M153B	Z	.023	.023	0	%100 %100
102	WITOOD	_	.020	.020	•	70100

	Member Label	Direction		.End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
163	M154B	X	.039	.039	0	%100
164	M154B	Z	.023	.023	0	%100
165	M159A	X	.039	.039	0	%100
166	M159A	Z	.023	.023	0	%100
167	M160A	X	.039	.039	0	%100
168	M160A	Z	.023	.023	0	%100
169	M162A	Χ	.364	.364	0	%100
170	M162A	Z	.21	.21	0	%100
171	M167A	X	.073	.073	0	%100
172	M167A	Z	.042	.042	0	%100
173	M168A	X	.073	.073	0	%100
174	M168A	Z	.042	.042	0	%100
175	M173B	X	.073	.073	0	%100
176	M173B	Z	.042	.042	0	%100
177	M174A	X	.073	.073	0	%100
178	M174A	Z	.042	.042	0	%100 %100
179	M176A	X	.364	.364	0	%100 %100
180	M176A	Z	.21	.21	0	%100 %100
181	M181A	X	.005	.005	0	%100 %100
182	M181A	Z	.003	.003	0	%100 %100
183	M182A	X	.005	.005	0	%100 %100
184	M182A	Z	.003	.003	0	%100 %100
185	M187B	X	.005	.005	0	%100 %100
186	M187B	Z	.003	.003	0	%100 %100
						%100 %100
187	M188	X Z	.005	.005	0	
188	M188		.003	.003	0	%100
189	M187C	X	.344	.344	0	%100
190	M187C	Z	.198	.198	0	%100
191	M190	X	.344	.344	0	%100
192	M190	Z	.198	.198	0	%100
193	M193	X	.344	.344	0	%100
194	M193	Z	.198	.198	0	%100
195	M198	X	.446	.446	0	%100
196	M198	Z	.257	.257	0	%100
197	M201	X	.446	.446	0	%100
198	M201	Z	.257	.257	0	%100
199	M204	X	.446	.446	0	%100
200	M204	Z	.257	.257	0	%100
201	M209	X	.135	.135	0	%100
202	M209	Z	.078	.078	0	%100
203	M214	X	.135	.135	0	%100
204	M214	Z	.078	.078	0	%100
205	M219	X	.539	.539	0	%100
206	M219	Z	.311	.311	0	%100
207	M226	X	.194	.194	0	%100
208	M226	Z	.112	.112	0	%100
209	M227	X	.194	.194	0	%100
210	M227	Z	.112	.112	0	%100
211	M228	X	.774	.774	0	%100
212	M228	Z	.447	.447	0	%100
213	M231	X	.018	.018	0	%100
214	M231	Z	.01	.01	0	%100
215	M233	X	.018	.018	0	%100
216	M233	Z	.01	.01	0	%100
217	M237	X	.07	.07	0	%100
218	M237	Z	.041	.041	0	%100
219	M242	Χ	.555	.555	0	%100



	Member Label	Direction	Start Magnitude[lb/ft,	. End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
220	M242	Z	.32	.32	0	%100
221	M243	X	.573	.573	0	%100
222	M243	Z	.331	.331	0	%100
223	M244	X	.609	.609	0	%100
224	M244	Z	.351	.351	0	%100
225	M251A	X	.609	.609	0	%100
226	M251A	Z	.351	.351	0	%100
227	M253	Χ	.609	.609	0	%100
228	M253	Z	.351	.351	0	%100
229	M256	X	.781	.781	0	%100
230	M256	Z	.451	.451	0	%100
231	M257	Χ	.781	.781	0	%100
232	M257	Z	.451	.451	0	%100
233	M258	X	.622	.622	0	%100
234	M258	Z	.359	.359	0	%100
235	M259	Χ	.555	.555	0	%100
236	M259	Z	.32	.32	0	%100
237	M260	Х	.573	.573	0	%100
238	M260	Z	.331	.331	0	%100
239	M261	Χ	.609	.609	0	%100
240	M261	Z	.351	.351	0	%100
241	M262	Χ	.342	.342	0	%100
242	M262	Z	.198	.198	0	%100
243	M263	Х	.417	.417	0	%100
244	M263	Z	.241	.241	0	%100
245	M264	X	.609	.609	0	%100
246	M264	Z	.351	.351	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
1	M1	Χ	.243	.243	0	%100
2	M1	Z	.42	.42	0	%100
3	M2	X	.202	.202	0	%100
4	M2	Z	.351	.351	0	%100
5	M3	Χ	.351	.351	0	%100
6	M3	Z	.609	.609	0	%100
7	M6	Χ	.108	.108	0	%100
8	M6	Ζ	.188	.188	0	%100
9	M27	X	.325	.325	0	%100
10	M27	Ζ	.563	.563	0	%100
11	M33	Χ	.325	.325	0	%100
12	M33	Z	.563	.563	0	%100
13	M34	X	.813	.813	0	%100
14	M34	Ζ	1.407	1.407	0	%100
15	M35	Χ	.813	.813	0	%100
16	M35	Ζ	1.407	1.407	0	%100
17	MP1A	X	.257	.257	0	%100
18	MP1A	Z	.446	.446	0	%100
19	M147	X	.11	.11	0	%100
20	M147	Ζ	.19	.19	0	%100
21	M148	Χ	.11	.11	0	%100
22	M148	Z	.19	.19	0	%100
23	M103A	Χ	.247	.247	0	%100
24	M103A	Z	.427	.427	0	%100
25	M104A	Χ	.327	.327	0	%100
26	M104A	Z	.566	.566	0	%100

	Member Label	Direction		End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
27	M101A	X	.303	.303	0	%100
28	M101A	Z	.524	.524	0	%100
29	M101B	X	.327	.327	0	%100
30	M101B	Z	.566	.566	0	%100
31	M102A	X	.25	.25	0	%100
32	M102A	Z	.433	.433	0	%100
33	M103B	X	.327	.327	0	%100
34	M103B	Z	.566	.566	0	%100
35	M104B	X	.302	.302	0	%100
36	M104B	Z	.523	.523	0	%100
37	M110B	X	.311	.311	0	%100
38	M110B	Z	.539	.539	0	%100
39	M109B	X	.325	.325	0	%100
40	M109B	Z	.563	.563	0	%100
41	M110C	X	.325	.325	0	%100
42	M110C	Z	.563	.563	0	%100
43	M108A	X	0	0	0	%100
44	M108A	Z	0	0	0	%100
45	M109A	X	0	0	0	%100
46	M109A	Z	0	0	0	%100
47	M112A	X	.325	.325	0	%100
48	M112A	Z	.563	.563	0	%100
49	M113A	X	.325	.325	0	%100
50	M113A	Z	.563	.563	0	%100
51	M116A	X	0	0	0	%100
52	M116A	Z	0	0	0	%100
53	M117B	X	.813	.813	0	%100
54	M117B	Z	1.407	1.407	0	%100
55	M118A	X	.108	.108	0	%100
56	M118A	Z	.188	.188	0	%100
57	M118C	X	.108	.108	0	%100
58	M118C	Z	.188	.188	0	%100
59	M122A	X	0	0	0	%100
60	M122A	Z	0	0	0	%100
61	M123A	X	0	0	0	%100
62	M123A	Z	0	0	0	%100
63	M124A	X	0	0	0	%100
64	M124A	Z	0	0	0	%100
65	M127A	X	.813	.813	0	%100
66	M127A	Z	1.407	1.407	0	%100
67	M128A	X	.325	.325	0	%100
68	M128A	Z	.563	.563	0	%100
69	M129A	X	.325	.325	0	%100
70	M129A	Z	.563	.563	0	%100
71	M132A	X	.971	.971	0	%100
72	M132A	Z	1.681	1.681	0	%100
73	M133A	X	.81	.81	0	%100
74	M133A	Z	1.402	1.402	0	%100
75	M136B	X	.433	.433	0	%100
76	M136B	Z	.751	.751	0	%100
77	M140A	X	.433	.433	0	%100
78	M140A	Z	.751	.751	0	%100
79	M142A	X	.433	.433	0	%100
80	M142A	Z	.751	.751	0	%100
81	M144A	X	.243	.243	0	%100
82	M144A	Z	.42	.42	0	%100
83	M145B	X	.202	.202	0	%100



	Member Label	Direction		End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
84	M145B	Z	.351	.351	0	%100
85	M148A	X	.108	.108	0	%100
86	M148A	Z	.188	.188	0	%100
87	M152	X	.108	.108	0	%100
88	M152	Z	.188	.188	0	%100
89	M154	X	.108	.108	0	%100
90	M154	Z	.188	.188	0	%100
91	M152A	X	.311	.311	0	%100
92	M152A	Z	.539	.539	0	%100
93	M153A	X	.311	.311	0	%100
94	M153A	Z	.539	.539	0	%100
95	M156	X	.356	.356	0	%100
96	M156	Z	.617	.617	0	%100
97	M160	X	.439	.439	0	%100
98	M160	Z	.76	.76	0	%100
99	M161	X	.439	.439	0	%100
100	M161	Z	.76	.76	0	%100
101	M164	X	0	0	0	%100
102	M164	Z	0	0	0	%100
103	M169	X	.11	.11	0	%100
104	M169	Z	.19	.19	0	%100
105	M170	X	.11	.11	0	%100
106	M170	Z	.19	.19	0	%100
107	M173	X	.356	.356	0	%100
108	M173	Z	.617	.617	0	%100
109	M173A	X	.174	.174	0	%100
110	M173A	Z	.301	.301	0	%100
111	M174	X	.327	.327	0	%100
112	M174	Z	.566	.566	0	%100
113	M175	X	.127	.127	0	%100
114	M175	Z	.22	.22	0	%100
115	M176	X	.327	.327	0	%100
116	M176	Z	.566	.566	0	%100
117	M177	X	.188	.188	0	%100
118	M177	Z	.325	.325	0	%100
119	M178	X	.327	.327	0	%100
120	M178	Z	.566	.566	0	%100
121	M179	X	.124	.124	0	%100
122	M179	Z	.214	.214	0	%100
123	M180	X	.247	.247	0	%100
124	M180	Z	.427	.427	0	%100
125	M181	X	.327	.327	0	%100
126	M181	Z	.566	.566	0	%100
127	M182	X	.303	.303	0	%100
128	M182	Z	.524	.524	0	%100
129	M183	X	.327	.327	0	%100
130	M183	Z	.566	.566	0	%100
131	M184	X	.25	.25	0	%100
132	M184	Z	.433	.433	0	%100
133	M185	X	.327	.327	0	%100
134	M185	Z	.566	.566	0	%100
135	M186	X	.302	.302	0	%100
136	M186	Z	.523	.523	0	%100
137	MP2A	X	.257	.257	0	%100
138	MP2A	Z	.446	.446	0	%100
139	MP3A	X	.257	.257	0	%100
140	MP3A	Z	.446	.446	0	%100



	Member Label	Direction		End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
141	MP4A	X	.257	.257	0	%100
142	MP4A	Z	.446	.446	0	%100
143	MP1C	X	.257	.257	0	%100
144	MP1C	Z	.446	.446	0	%100
145	MP2C	X	.257	.257	0	%100
146	MP2C	Z	.446	.446	0	%100
147	MP3C	X	.257	.257	0	%100
148	MP3C	Z	.446	.446	0	%100
149	MP4C	X	.257	.257	0	%100
150	MP4C	Z	.446	.446	0	%100
151	MP1B	X	.257	.257	0	%100
152	MP1B	Z	.446	.446	0	%100
153	MP2B	X	.257	.257	0	%100
154	MP2B	Z	.446	.446	0	%100
155	MP3B	X	.257	.257	0	%100
156	MP3B	Z	.446	.446	0	%100
157	MP4B	X	.257	.257	0	%100
158	MP4B	Z	.446	.446	0	%100
159	M148B	X	.21	.21	0	%100
160	M148B	Z	.364	.364	0	%100
161	M153B	X	.003	.003	0	%100
162	M153B	Z	.005	.005	0	%100
163	M154B	X	.003	.003	0	%100
164	M154B	Z	.005	.005	0	%100
165	M159A	X	.003	.003	0	%100
166	M159A	Z	.005	.005	0	%100
167	M160A	X	.003	.003	0	%100
168	M160A	Z	.005	.005	0	%100
169	M162A	X	.21	.21	0	%100
170	M162A	Z	.364	.364	0	%100
171	M167A	X	.042	.042	0	%100
172	<u>M167A</u>	Z	.073	.073	0	%100
173	M168A	X	.042	.042	0	%100
174	M168A	Z	.073	.073	0	%100
175	M173B	X	.042	.042	0	%100
176	M173B	Z	.073	.073	0	%100
177	M174A	X	.042	.042	0	%100
178	M174A	Z	.073	.073	0	%100
179	M176A	X	.21	.21	0	%100
180	M176A	Z	.364	.364	0	%100
181	M181A	X	.023	.023	0	%100 %400
182	M181A	Z	.039	.039	0	%100 %400
183	M182A	X Z	.023	.023	0	%100 %400
184	M182A		.039	.039	0	%100 %100
185	M187B	X Z	.023	.023	0	%100 %100
186	M187B		.039	.039	0	%100 %100
187	M188	X	.023	.023	0	%100 %100
188	M188 M187C	Z	.039	.039	0	%100 %100
189		X Z	.198	.198	0	%100 %100
190	M187C		.344	.344		%100 %100
191	M190	X	.198	.198	0	%100 %100
192	M190	Z	.344	.344	0	%100 %100
193 194	M193	X Z	.198 .344	.198 .344	0	%100 %100
	M193	X	.257	.257		%100 %100
195	M198	Z		.257	0	%100 %100
196	M198		.446			
197	M201	X	.257	.257	0	%100



	Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
198	M201	Z	.446	.446	0	%100
199	M204	X	.257	.257	0	%100
200	M204	Z	.446	.446	0	%100
201	M209	X	.234	.234	0	%100
202	M209	Z	.405	.405	0	%100
203	M214	X	0	0	0	%100
204	M214	Z	0	0	0	%100
205	M219	X	.234	.234	0	%100
206	M219	Z	.405	.405	0	%100
207	M226	X	.335	.335	0	%100
208	M226	Z	.581	.581	0	%100
209	M227	X	0	0	0	%100
210	M227	Z	0	0	0	%100
211	M228	Х	.335	.335	0	%100
212	M228	Z	.581	.581	0	%100
213	M231	X	.03	.03	0	%100
214	M231	Z	.053	.053	0	%100
215	M233	X	0	0	0	%100
216	M233	Z	0	0	0	%100
217	M237	X	.03	.03	0	%100
218	M237	Z	.053	.053	0	%100
219	M242	X	.239	.239	0	%100
220	M242	7	.413	.413	0	%100
221	M243	X	.271	.271	0	%100
222	M243	Z	.469	.469	0	%100
223	M244	X	.351	.351	0	%100
224	M244	Z	.609	.609	0	%100
225	M251A	X	.351	.351	0	%100
226	M251A	Z	.609	.609	0	%100
227	M253	Х	.351	.351	0	%100
228	M253	Z	.609	.609	0	%100
229	M256	X	.39	.39	0	%100
230	M256	Z	.675	.675	0	%100
231	M257	X	.481	.481	0	%100
232	M257	Z	.834	.834	0	%100
233	M258	X	.39	.39	0	%100
234	M258	Z	.675	.675	0	%100
235	M259	X	.361	.361	0	%100
236	M259	Z	.625	.625	0	%100
237	M260	X	.361	.361	0	%100
238	M260	Z	.625	.625	0	%100
239	M261	X	.351	.351	0	%100
240	M261	Z	.609	.609	0	%100
241	M262	X	.239	.239	0	%100
242	M262	Z	.413	.413	0	%100
243	M263	X	.271	.271	0	%100
244	M263	Z	.469	.469	0	%100
245	M264	X	.351	.351	0	%100
246	M264	7	609	609	0	%100

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

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

			Contractare Will			
	Member Label	Direction	Start Magnitude[lb/ft,	·		End Location[ft,%]
5	<u>M3</u>	<u> </u>	0	0	0	%100
6	<u>M3</u>	Z	.703	.703	0	%100
7	<u>M6</u>	<u>X</u>	0	0	0	%100
8	M6	Z	0	0	0	%100
9	M27	X	0	0	0	%100
10	M27	Z	.867	.867	0	%100
11	M33	Χ	0	0	0	%100
12	M33	Z	.867	.867	0	%100
13	M34	X	0	0	0	%100
14	M34	Z	2.167	2.167	0	%100
15	M35	X	0	0	0	%100
16	M35	Z	2.167	2.167	0	%100
17	MP1A	X	0	0	0	%100
18	MP1A	Ž	.515	.515	0	%100
19	M147	X	0	0	0	%100
20	M147	Z	0	0	0	%100 %100
21	M148	X	0	0	0	%100 %100
22	M148	Z	0	0	0	%100 %100
23	M103A	X	0	0	0	%100 %100
24	M103A	Ž	.542	.542	0	%100 %100
25	M104A	X	0	0	0	%100 %400
26	M104A	Z	.653	.653	0	%100
27	M101A	<u>X</u>	0	0	0	%100
28	M101A	Z	.722	.722	0	%100
29	M101B	X	0	0	0	%100
30	M101B	Z	.653	.653	0	%100
31	M102A	Χ	0	0	0	%100
32	M102A	Z	.542	.542	0	%100
33	M103B	X	0	0	0	%100
34	M103B	Z	.653	.653	0	%100
35	M104B	X	0	0	0	%100
36	M104B	Z	.722	.722	0	%100
37	M110B	Х	0	0	0	%100
38	M110B	Z	.623	.623	0	%100
39	M109B	Χ	0	0	0	%100
40	M109B	Z	.867	.867	0	%100
41	M110C	X	0	0	0	%100
42	M110C	Ž	.867	.867	0	%100
43	M108A	X	0	0	0	%100
44	M108A	Z	.217	.217	0	%100 %100
45	M109A	X	0	0	0	%100 %100
46	M109A	Z	.217	.217	0	%100 %100
47	M112A	X	0	0	0	%100 %100
48	M112A	Z Z	.217	.217	0	%100 %100
49	M113A	X	0	0	0	%100 %100
	M113A M113A	X 	.217	.217		
50					0	%100 %400
51	M116A	X	0	0	0	%100
52	M116A	Z	.542	.542	0	%100 %400
53	M117B	<u> </u>	0	0	0	%100
54	M117B	Z	.542	.542	0	%100
55	M118A	X	0	0	0	%100
56	M118A	Z	0	0	0	%100
57	M118C	X	0	0	0	%100
58	M118C	Z	0	0	0	%100
59	M122A	Χ	0	0	0	%100
60	M122A	Ζ	.542	.542	0	%100
61	M123A	Χ	0	0	0	%100
	-			-		

	Member Label	Direction	Start Magnitude[lb/ft,.	End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
62	M123A	Z	.217	.217	0	%100
63	M124A	X	0	0	0	%100
64	M124A	Z	.217	.217	0	%100
65	M127A	X	0	0	0	%100
66	M127A	Z	.542	.542	0	%100
67	M128A	X	0	0	0	%100
68	M128A	Z	.217	.217	0	%100
69	M129A	X	0	0	0	%100
70	M129A	Z	.217	.217	0	%100
71	M132A	X	0	0	0	%100
72	M132A	Z	1.456	1.456	0	%100
73	M133A	X	0	0	0	%100
74	M133A	Z	1.214	1.214	0	%100
75	M136B	X	0	0	0	%100
76	M136B	Z	.65	.65	0	%100
77	M140A	X	0	0	0	%100
78	M140A	Z	.65	.65	0	%100
79	M142A	X	0	0	0	%100
80	M142A	Z	.65	.65	0	%100
81	M144A	X	0	0	0	%100
82	M144A	Z	1.456	1.456	0	%100
83	M145B	X	0	0	0	%100
84	M145B	Z	1.214	1.214	0	%100
85	M148A	X	0	0	0	%100
86	M148A	Z	.65	.65	0	%100
87	M152	X	0	0	0	%100
88	M152	Z	.65	.65	0	%100
89	M154	X	0	0	0	%100
90	M154	Z	.65	.65	0	%100
91	M152A	X	0	0	0	%100
92	M152A	Z	.623	.623	0	%100
93	M153A	X	0	0	0	%100
94	M153A	Z	.623	.623	0	%100
95	M156	X	0	0	0	%100
96	M156	Z	.95	.95	0	%100
97	M160	X	0	0	0	%100
98	M160	Z	.658	.658	0	%100
99	M161	X Z	0	0	0	%100 %400
100	M161		.658	.658	0	%100
101	M164 M164	X	0	0	0	%100 %100
102 103		Z	.237	.237	0	%100 %100
	M169 M169	X Z	.658	.658	0	%100 %100
104 105	M169 M170	X	0.058	0.058	0	%100 %100
106	M170	Z	.658	.658	0	%100 %100
107	M173	X	.036	0.000	0	%100 %100
107	M173	Z	.237	.237	0	%100 %100
109	M173A	X	0	0	0	%100 %100
110	M173A	Z	.396	.396	0	%100 %100
111	M174	X	.390	0.390	0	%100 %100
112	M174	Z	.653	.653	0	%100 %100
113	M175	X	0	0	0	%100 %100
114	M175	Z	.371	.371	0	%100 %100
115	M176	X	0	0	0	%100 %100
116	M176	Z	.653	.653	0	%100 %100
117	M177	X	0	0	0	%100 %100
118	M177	Z	.417	.417	0	%100 %100
110	IVI I / /		.417	.417	U	/0 100

			O IN THE STATE OF			E 11 (° 100/1
119	Member Label	Direction		End Magnitude[lb/ft,F	_	End Location[ft,%] %100
120	M178 M178	X Z	.653	.653	0	%100 %100
121			0	0		%100 %100
121	M179 M179	X	.366	.366	0	%100 %100
123	M180	Z X			0	%100 %100
123	M180	Z	.396	.396	0	%100 %100
125	M181	X	.396	.396	0	%100 %100
126	M181	Z	.653	.653	0	%100 %100
127	M182	X	0	0	0	%100 %100
128	M182	Z	.371	.371	0	%100 %100
129	M183	X	.371	0	0	%100 %100
130	M183	Z	.653	.653	0	%100 %100
131	M184	X	0	0	0	%100 %100
132	M184	Z	.417	.417	0	%100 %100
133	M185	X	0	0	0	%100 %100
134	M185	Z	.653	.653	0	%100 %100
135	M186	X	0	0	0	%100 %100
136	M186	Z	.366	.366	0	%100 %100
137	MP2A	X	0	0	0	%100 %100
138	MP2A	Z	.515	.515	0	%100 %100
139	MP3A	X	0	0	0	%100 %100
140	MP3A	Z	.515	.515	0	%100 %100
141	MP4A	X	0	0	0	%100 %100
142	MP4A	Z	.515	.515	0	%100
143	MP1C	X	0	0	0	%100
144	MP1C	Z	.515	.515	0	%100
145	MP2C	X	0	0	0	%100
146	MP2C	Z	.515	.515	0	%100
147	MP3C	X	0	0	0	%100
148	MP3C	Z	.515	.515	0	%100
149	MP4C	X	0	0	0	%100
150	MP4C	Z	.515	.515	0	%100
151	MP1B	Х	0	0	0	%100
152	MP1B	Z	.515	.515	0	%100
153	MP2B	Χ	0	0	0	%100
154	MP2B	Z	.515	.515	0	%100
155	MP3B	Х	0	0	0	%100
156	MP3B	Z	.515	.515	0	%100
157	MP4B	X	0	0	0	%100
158	MP4B	Z	.515	.515	0	%100
159	M148B	Χ	0	0	0	%100
160	M148B	Z	.421	.421	0	%100
161	M153B	Χ	0	0	0	%100
162	M153B	Z	.006	.006	0	%100
163	M154B	Χ	0	0	0	%100
164	M154B	Z	.006	.006	0	%100
165	M159A	X	0	0	0	%100
166	M159A	Z	.006	.006	0	%100
167	M160A	X	0	0	0	%100
168	M160A	Z	.006	.006	0	%100
169	M162A	X	0	0	0	%100
170	M162A	Z	.421	.421	0	%100
171	M167A	X	0	0	0	%100
172	M167A	Z	.045	.045	0	%100
173	M168A	X	0	0	0	%100
174	M168A	Z	.045	.045	0	%100
175	M173B	X	0	0	0	%100

				1 (100 Bcg/) (0		
470	Member Label	Direction	1	End Magnitude[lb/ft,F		End Location[ft,%]
176	M173B	Z	.045	.045	0	%100
177	M174A	X	0	0	0	%100
178	M174A	Z	.045	.045	0	%100
179	M176A	X	0	0	0	%100
180	M176A	Z	.421	.421	0	%100
181	M181A	X	0	0	0	%100
182	M181A	Z	.084	.084	0	%100
183	M182A	X	0	0	0	%100
184	M182A	Z	.084	.084	0	%100
185	M187B	X	0	0	0	%100
186	M187B	Z	.084	.084	0	%100
187	M188	X	0	0	0	%100
188	M188	Z	.084	.084	0	%100
189	M187C	X	0	0	0	%100
190	M187C	Z	.397	.397	0	%100
191	M190	X	0	0	0	%100
192	M190	Z	.397	.397	0	%100
193	M193	X	0	0	0	%100
194	M193	Z	.397	.397	0	%100 %100
195	M198	X	0	0	0	%100 %100
196	M198	Z	.515	.515	0	%100 %100
197	M201	X	.515	.515	0	%100 %100
198	M201	Z	.515	.515	0	%100 %100
199	M204	X	.515	.515	0	%100 %100
200	M204	Z	.515	.515	0	%100 %100
201	M209	X	.515	.515	0	%100 %100
201		Z	.623	.623		%100 %100
	M209				0	
203	M214	X	0	0	0	%100 %400
204	M214	Z	.156	.156	0	%100
205	M219	X	0	0	0	%100
206	M219	Z	.156	.156	0	%100
207	M226	X	0	0	0	%100
208	M226	Z	.894	.894	0	%100
209	M227	X	0	0	0	%100
210	M227	Z	.223	.223	0	%100
211	M228	X	0	0	0	%100
212	M228	Z	.223	.223	0	%100
213	M231	X	0	0	0	%100
214	M231	Z	.081	.081	0	%100
215	M233	X	0	0	0	%100
216	M233	Z	.02	.02	0	%100
217	M237	X	0	0	0	%100
218	M237	Z	.02	.02	0	%100
219	M242	X	0	0	0	%100
220	M242	Z	.395	.395	0	%100
221	M243	X	0	0	0	%100
222	M243	Z	.482	.482	0	%100
223	M244	X	0	0	0	%100
224	M244	Z	.703	.703	0	%100
225	M251A	X	0	0	0	%100
226	M251A	Z	.703	.703	0	%100
227	M253	X	0	0	0	%100
228	M253	Z	.703	.703	0	%100
229	M256	X	0	0	0	%100
230	M256	Z	.719	.719	0	%100
231	M257	X	0	0	0	%100
232	M257	Z	.902	.902	0	%100



	Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
233	M258	X	0	0	0	%100
234	M258	Ζ	.902	.902	0	%100
235	M259	Χ	0	0	0	%100
236	M259	Z	.641	.641	0	%100
237	M260	X	0	0	0	%100
238	M260	Ζ	.662	.662	0	%100
239	M261	Χ	0	0	0	%100
240	M261	Z	.703	.703	0	%100
241	M262	X	0	0	0	%100
242	M262	Ζ	.641	.641	0	%100
243	M263	X	0	0	0	%100
244	M263	Z	.662	.662	0	%100
245	M264	X	0	0	0	%100
246	M264	Z	.703	.703	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
1	M1	X	243	243	0	%100
2	M1	Z	.42	.42	0	%100
3	M2	Χ	202	202	0	%100
4	M2	Z	.351	.351	0	%100
5	M3	X	351	351	0	%100
6	M3	Z	.609	.609	0	%100
7	M6	X	108	108	0	%100
8	M6	Ζ	.188	.188	0	%100
9	M27	Χ	325	325	0	%100
10	M27	Z	.563	.563	0	%100
11	M33	X	325	325	0	%100
12	M33	Ζ	.563	.563	0	%100
13	M34	Χ	813	813	0	%100
14	M34	Z	1.407	1.407	0	%100
15	M35	Х	813	813	0	%100
16	M35	Z	1.407	1.407	0	%100
17	MP1A	Х	257	257	0	%100
18	MP1A	Z	.446	.446	0	%100
19	M147	Х	11	11	0	%100
20	M147	Z	.19	.19	0	%100
21	M148	X	11	11	0	%100
22	M148	Z	.19	.19	0	%100
23	M103A	Х	247	247	0	%100
24	M103A	Z	.427	.427	0	%100
25	M104A	Х	327	327	0	%100
26	M104A	Z	.566	.566	0	%100
27	M101A	Χ	303	303	0	%100
28	M101A	Z	.524	.524	0	%100
29	M101B	Х	327	327	0	%100
30	M101B	Z	.566	.566	0	%100
31	M102A	X	25	25	0	%100
32	M102A	Z	.433	.433	0	%100
33	M103B	Х	327	327	0	%100
34	M103B	Z	.566	.566	0	%100
35	M104B	Χ	302	302	0	%100
36	M104B	Z	.523	.523	0	%100
37	M110B	X	311	311	0	%100
38	M110B	Z	.539	.539	0	%100
39	M109B	X	325	325	0	%100



	Member Label	Direction	Start Magnitude[lb/ft,.	End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
40	M109B	Z	.563	.563	0	%100
41	M110C	X	325	325	0	%100
42	M110C	Z	.563	.563	0	%100
43	M108A	X	325	325	0	%100
44	M108A	Z	.563	.563	0	%100
45	M109A	X	325	325	0	%100
46	M109A	Z	.563	.563	0	%100
47	M112A	X	0	0	0	%100
48	M112A	Z	0	0	0	%100
49	M113A	X	0	0	0	%100
50	M113A	Z	0	0	0	%100
51	M116A	X	813	813	0	%100
52	M116A	Z	1.407	1.407	0	%100
53	M117B	X	0	0	0	%100
54	M117B	Z	0	0	0	%100
55	M118A	X	108	108	0	%100
56	M118A	Z	.188	.188	0	%100
57	M118C	X	108	108	0	%100
58	M118C	Z	.188	.188	0	%100
59	M122A	X	813	813	0	%100
60	M122A	Z	1.407	1.407	0	%100
61	M123A	X	325	325	0	%100
62	M123A	Z	.563	.563	0	%100
63	M124A	X	325	325	0	%100
64	M124A	Z	.563	.563	0	%100
65	M127A	X	0	0	0	%100
66	M127A	Z	0	0	0	%100
67	M128A	X	0	0	0	%100
68	M128A	Z	0	0	0	%100
69	M129A	X	0	0	0	%100
70	M129A	Z	0	0	0	%100
71	M132A	X	243	243	0	%100
72	M132A	Z	.42	.42	0	%100
73	M133A	X	202	202	0	%100
74	M133A	Z	.351	.351	0	%100
75	M136B	X	108	108	0	%100
76	M136B	Z	.188	.188	0	%100
77	M140A	X	108	108	0	%100
78	M140A	Z	.188	.188	0	%100
79	M142A	X	108	108	0	%100
80	M142A	Z	.188	.188	0	%100
81	M144A	X	971	971	0	%100
82	M144A	Z	1.681	1.681	0	%100
83	M145B	X	81	81	0	%100
84	M145B	Z	1.402	1.402	0	%100
85	M148A	X	433	433	0	%100
86	M148A	Z	.751	.751	0	%100
87	M152	X	433	433	0	%100
88	M152	Z	.751	.751	0	%100
89	M154	X	433	433	0	%100
90	M154	Z	.751	.751	0	%100
91	M152A	X	311	311	0	%100
92	M152A	Z	.539	.539	0	%100
93	M153A	X	311	311	0	%100
94	M153A	Z	.539	.539	0	%100
95	M156	X	356	356	0	%100
96	M156	Z	.617	.617	0	%100



IVICITIE	dei Distributed Loa	ids (DEO 72	Ottactare wii	T (ETO Deg)) (O	ontinuca)	
	Member Label	Direction	Start Magnitude[]h/ft	End Magnitude[lb/ft,F	Start Location[ft %]	End Location[ft,%]
97	M160		11	11	0	%100
98	M160	X 	.19	.19	0	%100 %100
99	M161	X	11	11	0	%100 %100
100	M161	Z	.19	.19	0	%100 %100
101						
	M164	X	356	356	0	%100
102	M164	Z	.617	.617	0	%100
103	M169	X	439	439	0	%100
104	M169	Z	.76	.76	0	%100
105	M170	X	439	439	0	%100
106	M170	Z	.76	.76	0	%100
107	M173	X	0	0	0	%100
108	M173	Z	0	0	0	%100
109	M173A	X	247	247	0	%100
110	M173A	Z	.427	.427	0	%100
111	M174	X	327	327	0	%100
112	M174	Z	.566	.566	0	%100
113	M175	Х	303	303	0	%100
114	M175	Z	.524	.524	0	%100
115	M176	X	327	327	0	%100
116	M176	Z	.566	.566	0	%100 %100
117	M177	X	25	25	0	%100 %100
118	M177	Z	.433	.433	0	%100 %100
119	M178	X	327	327	0	%100 %100
120	M178	Z	.566	.566	0	%100 %100
121	M179	X	302	302	0	%100 %100
122	M179	Z	.523	.523	0	%100 %100
123	M180	X		174	0	%100 %100
		^	174			
124	M180		.301	.301	0	%100 %400
125	M181	X	327	327	0	%100
126	M181	Z	.566	.566	0	%100
127	M182	<u> </u>	127	127	0	%100
128	M182	Z	.22	.22	0	%100
129	M183	X	327	327	0	%100
130	M183	Z	.566	.566	0	%100
131	M184	X	188	188	0	%100
132	M184	Z	.325	.325	0	%100
133	M185	X	327	327	0	%100
134	M185	Z	.566	.566	0	%100
135	M186	X	124	124	0	%100
136	M186	Z	.214	.214	0	%100
137	MP2A	Χ	257	257	0	%100
138	MP2A	Z	.446	.446	0	%100
139	MP3A	Х	257	257	0	%100
140	MP3A	Ž	.446	.446	0	%100
141	MP4A	X	257	257	0	%100
142	MP4A	Z	.446	.446	0	%100
143	MP1C	X	257	257	0	%100
144	MP1C	Z	.446	.446	0	%100 %100
145	MP2C	X	257	257	0	%100 %100
146	MP2C	Z	.446	.446	0	%100 %100
147	MP3C	X	257	257	0	%100 %100
148	MP3C	Z	.446	.446	0	%100 %100
149	MP4C	X	257	257	0	%100 %100
150	MP4C MP4C	X 	25 <i>t</i> .446	25 <i>1</i> .446	0	%100 %100
151	MP1B	X 7	257	257	0	%100 %400
152	MP1B	Z	.446	.446	0	%100 %400
153	MP2B	Χ	257	257	0	%100

	Member Label	Direction		End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
154	MP2B	Z	.446	.446	0	%100
155	MP3B	X	257	257	0	%100
156	MP3B	Z	.446	.446	0	%100
157	MP4B	X	257	257	0	%100
158	MP4B	Z	.446	.446	0	%100
159	M148B	X	21	21	0	%100
160	M148B	Z	.364	.364	0	%100
161	M153B	X	023	023	0	%100
162	M153B	Z	.039	.039	0	%100
163	M154B	X	023	023	0	%100
164	M154B	Z	.039	.039	0	%100
165	M159A	X	023	023	0	%100
166	M159A	Z	.039	.039	0	%100
167	M160A	X	023	023	0	%100
168	M160A	Z	.039	.039	0	%100
169	M162A	X	21	21	0	%100
170	M162A	Z	.364	.364	0	%100
171	M167A	X	003	003	0	%100
172	M167A	Z	.005	.005	0	%100
173	M168A	X	003	003	0	%100
174	M168A	Z	.005	.005	0	%100
175	M173B	X	003	003	0	%100
176	M173B	Z	.005	.005	0	%100
177	M174A	X	003	003	0	%100
178	M174A	Z	.005	.005	0	%100
179	M176A	X	21	21	0	%100
180	M176A	Z	.364	.364	0	%100
181	M181A	X	042	042	0	%100
182	M181A	Z	.073	.073	0	%100
183	M182A	X	042	042	0	%100
184	M182A	Z	.073	.073	0	%100
185	<u>M187B</u>	X	042	042	0	%100
186	<u>M187B</u>	Z	.073	.073	0	%100
187	M188	X	042	042	0	%100
188	M188	Z	.073	.073	0	%100
189	M187C	X	198	198	0	%100
190	M187C	Z	.344	.344	0	%100
191	M190	X	198	198	0	%100
192	M190	Z	.344	.344	0	%100
193	M193	X	198	198	0	%100
194	M193	Z	.344	.344	0	%100
195	M198	X	257	257	0	%100
196	M198	Z	.446	.446	0	%100 %400
197	M201	X	257	257	0	%100
198	M201	Z	.446	.446	0	%100 %400
199	M204	X	257	257	0	%100 %400
200	M204	Z	.446	.446	0	%100
201	M209	X Z	234	234	0	%100 %400
202	M209		.405	.405	0	%100 %400
203	M214	X	234	234	0	%100 %400
204	M214	Z	.405	.405	0	%100 %400
205	M219	X	0	0	0	%100 %400
206	M219	Z	0	0	0	%100 %100
207	M226	X	335	335	0	%100 %100
208	M226	Z	.581	.581	0	%100 %100
209	M227	X	335	335	0	%100 %100
210	M227	Z	.581	.581	0	%100

	Member Label	Direction	Start Magnitude[lb/ft,	. End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
211	M228	Χ	0	0	0	%100
212	M228	Z	0	0	0	%100
213	M231	X	03	03	0	%100
214	M231	Z	.053	.053	0	%100
215	M233	X	03	03	0	%100
216	M233	Z	.053	.053	0	%100
217	M237	X	0	0	0	%100
218	M237	Z	0	0	0	%100
219	M242	X	239	239	0	%100
220	M242	Z	.413	.413	0	%100
221	M243	X	271	271	0	%100
222	M243	Z	.469	.469	0	%100
223	M244	X	351	351	0	%100
224	M244	Z	.609	.609	0	%100
225	M251A	X	351	351	0	%100
226	M251A	Z	.609	.609	0	%100
227	M253	X	351	351	0	%100
228	M253	Z	.609	.609	0	%100
229	M256	X	39	39	0	%100
230	M256	Z	.675	.675	0	%100
231	M257	X	39	39	0	%100
232	M257	Z	.675	.675	0	%100
233	M258	X	481	481	0	%100
234	M258	Z	.834	.834	0	%100
235	M259	X	239	239	0	%100
236	M259	Z	.413	.413	0	%100
237	M260	Χ	271	271	0	%100
238	M260	Z	.469	.469	0	%100
239	M261	X	351	351	0	%100
240	M261	Z	.609	.609	0	%100
241	M262	X	361	361	0	%100
242	M262	Z	.625	.625	0	%100
243	M263	X	361	361	0	%100
244	M263	Z	.625	.625	0	%100
245	M264	X	351	351	0	%100
246	M264	Z	.609	.609	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
1	M1	X	-1.261	-1.261	0	%100
2	M1	Ζ	.728	.728	0	%100
3	M2	X	-1.052	-1.052	0	%100
4	M2	Z	.607	.607	0	%100
5	M3	X	609	609	0	%100
6	M3	Ζ	.351	.351	0	%100
7	M6	Χ	563	563	0	%100
8	M6	Z	.325	.325	0	%100
9	M27	Χ	188	188	0	%100
10	M27	Z	.108	.108	0	%100
11	M33	Χ	188	188	0	%100
12	M33	Ζ	.108	.108	0	%100
13	M34	Χ	469	469	0	%100
14	M34	Z	.271	.271	0	%100
15	M35	Χ	469	469	0	%100
16	M35	Z	.271	.271	0	%100
17	MP1A	Χ	446	446	0	%100

	Member Label	Direction		End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
18	MP1A	Z	.257	.257	0	%100
19	M147	X	57	57	0	%100
20	M147	Z	.329	.329	0	%100
21	M148	X	57	57	0	%100
22	M148	Z	.329	.329	0	%100
23	M103A	X	343	343	0	%100
24	M103A	Z	.198	.198	0	%100
25	M104A	X	566	566	0	%100
26	M104A	Z	.327	.327	0	%100
27	M101A	X	321	321	0	%100
28	M101A	Z	.185	.185	0	%100
29	M101B	X	566	566	0	%100
30	M101B	Z	.327	.327	0	%100
31	M102A	X	361	361	0	%100
32	M102A	Z	.209	.209	0	%100
33	M103B	Χ	566	566	0	%100
34	M103B	Z	.327	.327	0	%100
35	M104B	X	317	317	0	%100
36	M104B	Z	.183	.183	0	%100
37	M110B	X	539	539	0	%100
38	M110B	Z	.311	.311	0	%100
39	M109B	X	188	188	0	%100
40	M109B	Z	.108	.108	0	%100
41	M110C	X	188	188	0	%100
42	M110C	Z	.108	.108	0	%100
43	M108A	X	751	751	0	%100
44	M108A	Z	.433	.433	0	%100
45	M109A	X	751	751	0	%100
46	M109A	Z	.433	.433	0	%100
47	M112A	X	188	188	0	%100
48	M112A	Z	.108	.108	0	%100
49	M113A	X	188	188	0	%100
50	M113A	Z	.108	.108	0	%100
51	M116A	X	-1.876	-1.876	0	%100
52	M116A	Z	1.083	1.083	0	%100
53	M117B	X	469	469	0	%100
54	M117B	Z	.271	.271	0	%100
55	M118A	X	563	563	0	%100
56	M118A	Z	.325	.325	0	%100
57	M118C	X	563	563	0	%100
58	M118C	Z	.325	.325	0	%100
59	M122A	X	-1.876	-1.876	0	%100
60	M122A	Z	1.083	1.083	0	%100
61	M123A	X	751	751	0	%100
62	M123A	Z	.433	.433	0	%100
63	M124A	X	751	751	0	%100
64	M124A	Z	.433	.433	0	%100
65	M127A	X	469	469	0	%100
66	M127A	Z	.271	.271	0	%100
67	M128A	X	188	188	0	%100
68	M128A	Z	.108	.108	0	%100
69	M129A	X	188	188	0	%100
70	M129A	Z	.108	.108	0	%100
71	M132A	X	0	0	0	%100
72	M132A	Z	0	0	0	%100
73	M133A	X	0	0	0	%100
74	M133A	Z	0	0	0	%100



	Member Label	Direction	Start Magnitude[lb/ft,	.End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
75	M136B	X	0	0	0	%100
76	M136B	Z	0	0	0	%100
77	M140A	Χ	0	0	0	%100
78	M140A	Z	0	0	0	%100
79	M142A	X	0	0	0	%100
80	M142A	Ζ	0	0	0	%100
81	M144A	Χ	-1.261	-1.261	0	%100
82	M144A	Z	.728	.728	0	%100
83	M145B	X	-1.052	-1.052	0	%100
84	M145B	Z	.607	.607	0	%100
85	M148A	X	563	563	0	%100
86	M148A	Z	.325	.325	0	%100
87	M152	X	563	563	0	%100
88	M152	Ž	.325	.325	0	%100
89	M154	X	563	563	0	%100
90	M154	Z	.325	.325	0	%100
91	M152A	X	539	539	0	%100 %100
92	M152A	Z	.311	.311	0	%100 %100
93	M153A	X	539	539	0	%100 %100
94	M153A	Z	.311	.311	0	%100 %100
95	M156	X	206	206	0	%100 %100
96	M156	Z	.119	.119	0	%100 %100
97	M160	X	0	0	0	%100 %100
98	M160	Z	0	0	0	%100 %100
99	M161	X	0	0	0	%100 %100
100	M161	Z	0	0	0	%100 %100
101	M164	X	823	823	0	%100 %100
102	M164	Z	.475	.475	0	%100 %100
102	M169	X	57	57	0	%100 %100
103	M169	Z	.329	.329	0	%100 %100
105	M170	X	57	57	0	%100 %100
106	M170	Z	.329	.329	0	%100 %100
107	M173	X	206	206	0	%100 %100
107	M173	Z	.119	.119	0	%100 %100
109	M173A	X	469	469	0	%100 %100
110	M173A	Z	.271	.271	0	%100 %100
111	M174	X	566	566		%100 %100
112	M174	Z	.327	.327	0	%100 %100
113	M175	X	625			%100 %100
114	M175	Z	.361	625 .361	0	%100 %100
					0	%100 %100
115 116	M176 M176	X Z	566 .327	566 .327	0	%100 %100
117	M177	X	469	469	0	%100 %100
118	M177	Z	.271	.271	0	%100 %100
119	M178					%100 %100
	M178	X Z	566 .327	<u>566</u> .327	0	%100 %100
120					 	
121	M179	X Z	625	625	0	%100 %100
122	M179		.361	.361	0	%100 %100
123	M180	X	343	343	0	%100 %400
124	M180	Z	.198	.198	0	%100 %400
125	M181	X	566	566	0	%100 %400
126	M181	Z	.327	.327	0	%100 %400
127	M182	X	321	321	0	%100 %400
128	M182	Z	.185	.185	0	%100 %400
129	M183	X	566	566	0	%100 %400
130	M183	Z	.327	.327	0	%100
131	M184	X	361	361	0	%100

	oci Distributcu Lot					E 11 (' Ff(0/ 1
132	Member Label M184	Direction	Start Magnitude[lb/ft,		_	End Location[ft,%]
133	M185	<u>Z</u> X	.209 566	.209 566	0	%100 %100
134	M185	<u>Z</u>	.327	.327	0	%100 %100
135	M186	X Z	317	317	0	%100 %400
136	M186		.183	.183	0	%100 %400
137	MP2A	X Z	446 .257	446 .257	0	%100 %400
138	MP2A					%100 %400
139 140	MP3A MP3A	X Z	446 .257	446 .257	0	%100 %100
141	MP4A		446	446		%100 %100
141	MP4A	X Z	.257	.257	0	%100 %100
143	MP1C	X	446	446	0	%100 %100
144	MP1C	Z	.257	.257		%100 %100
145					0	%100 %100
146	MP2C MP2C	X 	446 .257	446 .257	0	%100 %100
147	MP3C	X	446	446	0	%100 %100
148	MP3C	Z	.257	.257	0	%100 %100
149	MP4C	X	446	446	0	%100 %100
150	MP4C	Z	.257	.257	0	%100 %100
151	MP1B	X	446	446	0	%100 %100
151	MP1B	Z	.257	.257	0	%100 %100
153	MP2B	X	446	446	0	%100 %100
154	MP2B	^ 	.257	.257	0	%100 %100
155	MP3B	X	446	446	0	%100 %100
156	MP3B	Z	.257	.257	0	%100 %100
157	MP4B	X	446	446	0	%100 %100
158	MP4B	Z	.257	.257	0	%100 %100
159	M148B	X	364	364	0	%100 %100
160	M148B	Z	.21	.21	0	%100 %100
161	M153B	X	073	073	0	%100 %100
162	M153B	Z	.042	.042	0	%100 %100
163	M154B	X	073	073	0	%100 %100
164	M154B	Z	.042	.042	0	%100 %100
165	M159A	X	073	073	0	%100 %100
166	M159A	Z	.042	.042	0	%100 %100
167	M160A	X	073	073	0	%100 %100
168	M160A	Z	.042	.042	0	%100 %100
169	M162A	X	364	364	0	%100
170	M162A	Z	.21	.21	0	%100
171	M167A	X	005	005	0	%100
172	M167A	Z	.003	.003	0	%100 %100
173	M168A	X	005	005	0	%100
174	M168A	Z	.003	.003	0	%100 %100
175	M173B	Χ	005	005	0	%100
176	M173B	Z	.003	.003	0	%100 %100
177	M174A	X	005	005	0	%100
178	M174A	Z	.003	.003	0	%100
179	M176A	X	364	364	0	%100
180	M176A	Ž	.21	.21	0	%100
181	M181A	Х	039	039	0	%100
182	M181A	Ζ	.023	.023	0	%100
183	M182A	X	039	039	0	%100
184	M182A	Z	.023	.023	0	%100
185	M187B	X	039	039	0	%100
186	M187B	Z	.023	.023	0	%100
187	M188	X	039	039	0	%100
188	M188	Z	.023	.023	0	%100



	Member Label	Direction		End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
189	M187C	X	344	344	0	%100 ·
190	M187C	Z	.198	.198	0	%100
191	M190	X	344	344	0	%100
192	M190	Z	.198	.198	0	%100
193	M193	X	344	344	0	%100
194	M193	Z	.198	.198	0	%100
195	M198	X	446	446	0	%100
196	M198	Z	.257	.257	0	%100
197	M201	X	446	446	0	%100
198	M201	Z	.257	.257	0	%100
199	M204	X	446	446	0	%100
200	M204	Z	.257	.257	0	%100
201	M209	X	135	135	0	%100
202	M209	Z	.078	.078	0	%100
203	M214	X	539	539	0	%100
204	M214	Z	.311	.311	0	%100
205	M219	X	135	135	0	%100
206	M219	Z	.078	.078	0	%100
207	M226	X	194	194	0	%100
208	M226	Z	.112	.112	0	%100
209	M227	X	774	774	0	%100
210	M227	Z	.447	.447	0	%100
211	M228	X	194	194	0	%100
212	M228	Z	.112	.112	0	%100
213	M231	X	018	018	0	%100
214	M231	Z	.01	.01	0	%100
215	M233	X	07	07	0	%100
216	M233	Z	.041	.041	0	%100
217	M237	X	018	018	0	%100
218	M237	Z	.01	.01	0	%100
219	M242	X	555	555	0	%100
220	M242	Z	.32	.32	0	%100
221	M243	X	573	573	0	%100
222	M243	Z	.331	.331	0	%100
223	M244	X	609	609	0	%100
224	M244	Z	.351	.351	0	%100
225	M251A	X	609	609	0	%100
226	M251A	Z	.351	.351	0	%100
227	M253	X	609	609	0	%100
228	M253	Z	.351	.351	0	%100
229	M256	X	781	781	0	%100
230	M256	Z	.451	.451	0	<u>%100</u>
231	M257	X	622	622	0	%100
232	M257	Z	.359	.359	0	%100
233	M258	X	781	781	0	%100
234	M258	Z	.451	.451	0	%100
235	M259	X	342	342	0	%100
236	M259	Z	.198	.198	0	%100
237	M260	X	417	417	0	%100
238	M260	Z	.241	.241	0	%100
239	M261	X	609	609	0	%100 %400
240	M261	Z	.351	.351	0	%100
241	M262	X	555	555	0	%100 %400
242	M262	Z	.32	.32	0	%100
243	M263	X	573	573	0	%100
244	M263	Z	.331	.331	0	%100
245	M264	X	609	609	0	%100



	Member Label	Direction	Start Magnitude[lb/ft,	. End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
246	M264	Z	.351	.351	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,	.End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-1.941	-1.941	0	%100
2	M1	Ζ	0	0	0	%100
3	M2	X	-1.619	-1.619	0	%100
4	M2	Z	0	0	0	%100
5	M3	Χ	703	703	0	%100
6	M3	Z	0	0	0	%100
7	M6	Χ	867	867	0	%100
8	M6	Z	0	0	0	%100
9	M27	Х	0	0	0	%100
10	M27	Z	0	0	0	%100
11	M33	X	0	0	0	%100
12	M33	Z	0	0	0	%100
13	M34	X	0	0	0	%100
14	M34	Z	0	0	0	%100
15	M35	X	0	0	0	%100
16	M35	Z	0	0	0	%100 %100
17	MP1A	X	515	515	0	%100 %100
18	MP1A	Z	0	0	0	%100 %100
19	M147	X	877	877	0	%100 %100
20	M147	Z	0	0	0	%100 %100
21	M148	X	877	877	0	%100 %100
22	M148	Z	0	0	0	%100 %100
23	M103A	X	347	347	0	%100 %100
24	M103A	Z	0	547	0	%100 %100
25	M104A	X	653	653	0	%100 %100
26	M104A	Z	055	055	0	%100 %100
27	M101A	X	254	254	0	%100 %100
28	M101A	Ž	254	254	0	%100 %100
29	M101B	X	653	653	0	%100 %100
30	M101B	Z		055	0	%100 %100
31		X	375	•	0	%100 %100
32	M102A M102A	Z	375	375 0	0	%100 %100
33	M102A M103B	X	653	653	0	%100 %100
34	M103B	^ 	653	055	0	%100 %100
35		X	<u> </u>			
	M104B	Z Z	247 0	247 0	0	%100 %400
36	M104B		•	•	0	%100 %100
37	M110B	X Z	623	623	0	
38	M110B		0	0	0	%100 %400
39	M109B	X	0	0	0	%100
40	M109B	Z	0	0	0	%100 %400
41	M110C	X	0	0	0	%100 %400
42	M110C	Z	0	0	0	%100 %400
43	M108A	X	65	65	0	%100
44	M108A	Z	0	0	0	%100
45	M109A	X	65	65	0	%100
46	M109A	Z	0	0	0	%100
47	M112A	X	65	65	0	%100
48	M112A	Z	0	0	0	%100
49	M113A	X	65	65	0	%100
50	M113A	Z	0	0	0	%100
51	M116A	X	-1.625	-1.625	0	%100
52	M116A	Z	0	0	0	%100

		•	O I I I I I I I I I			E 11 (' Ff(0/ 1
E2	Member Label	Direction	Start Magnitude[lb/ft,			End Location[ft,%]
53	M117B	X 	-1.625	-1.625	0	%100
54	M117B		0	0	0	%100
55	M118A	X	867	867	0	%100
56	M118A	<u>Z</u>	0	0	0	%100
57	M118C	X	867	867	0	%100
58	M118C	Z	0	0	0	%100
59	M122A	X	-1.625	-1.625	0	%100
60	M122A	<u>Z</u>	0	0	0	%100 %400
61	M123A	X	65	65	0	%100
62	M123A	Z	0	0	0	%100
63	M124A	X Z	65	65	0	%100 %400
64	M124A		0	0	0	%100
65	M127A	X	-1.625	-1.625	0	%100
66	M127A	<u>Z</u>	0	0	0	%100
67	M128A	X	65	65	0	%100
68	M128A	Z	0	0	0	%100 %400
69	M129A	X	65	65	0	%100
70	M129A	<u>Z</u>	0	0	0	%100 %400
71	M132A	X	485	485	0	%100
72	M132A	Z	0	0	0	%100
73	M133A	X	405	405	0	%100
74	M133A	Z	0	0	0	%100
75	M136B	X	217	217	0	%100
76	M136B	Z	0	0	0	%100
77	M140A	X	217	217	0	%100
78	M140A	Z	0	0	0	%100
79	M142A	X	217	217	0	%100
80	M142A	<u>Z</u>	0	0	0	%100 %400
81	M144A	X	485	485	0	%100
82	M144A	Z	0	0	0	%100 %400
83	M145B	X Z	405	405	0	%100 %400
84	M145B		0	0		%100 %400
85	M148A	X 7	217	217	0	%100 %100
86	M148A	<u>Z</u>	217	0		%100 %400
87 88	M152 M152	X 		217	0	%100 %100
89	M154	X	217	217	0	%100 %100
	M154	Z Z	217	217		%100 %100
90	M152A		623	623	0	%100 %100
92	M152A	X 	023	023	0	%100 %100
93	M153A	X	623	623	0	%100 %100
93	M153A	^	023	023	0	%100 %100
95	M156	X	0	0	0	%100 %100
96	M156	Z	0	0	0	%100 %100
97	M160	X	219	219	0	%100 %100
98	M160	Z	219	219	0	%100 %100
99	M161	X	219	219	0	%100 %100
100	M161	Z	219	219	0	%100 %100
101	M164	X	712	712	0	%100 %100
101	M164	^	/12	/12	0	%100 %100
103	M169	X	219	219	0	%100 %100
103	M169	Z Z	219	219	0	%100 %100
105	M170	X	219	219	0	%100 %100
106	M170	Z	219	219	0	%100 %100
107	M173	X	712	712	0	%100 %100
107	M173	Z	/12	/12	0	%100 %100
109	M173A	X	493	493	0	%100 %100
108	IVI I I JA	^		483	U	/0 100

	Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
110	M173A	Z	0	0	0	%100
111	M174	X	653	653	0	%100
112	M174	Z	0	0	0	%100
113	M175	X	605	605	0	%100
114	M175	Z	0	0	0	%100
115	M176	X	653	653	0	%100
116	M176	Z	0	0	0	%100
117	M177	X	5	5	0	%100
118	M177	Z	0	0	0	%100
119	M178	X	653	653	0	%100
120	M178	Z	0	0	0	%100
121	M179	X	604	604	0	%100
122	M179	Z	0	0	0	%100
123	M180	X	493	493	0	%100
124	M180	Z	0	0	0	%100
125	M181	X	653	653	0	%100
126	M181	Z	0	0	0	%100
127	M182	X	605	605	0	%100
128	M182	Z	0	0	0	%100
129	M183	X	653	653	0	%100
130	M183	Z	0	0	0	%100
131	M184	X	5	5	0	%100
132	M184	Z	0	0	0	%100
133	M185	X	653	653	0	%100
134	M185	Z	0	0	0	%100
135	M186	X	604	604	0	%100
136	M186	Z	0	0	0	%100
137	MP2A	X	515	515	0	%100
138	MP2A	Z	0	0	0	%100
139	MP3A	X	515	515	0	%100
140	MP3A	Z	0	0	0	%100
141	MP4A	X	515	515	0	%100
142	MP4A	Z	0	0	0	%100
143	MP1C	X	515	515	0	%100
144	MP1C	Z	0	0	0	%100
145	MP2C	X	515	515	0	%100
146	MP2C	Z	0	0	0	%100
147	MP3C	X	515	515	0	%100
148	MP3C	Z	0	0	0	%100
149	MP4C	X	515	515	0	%100
150	MP4C	Z	0	0	0	%100
151	MP1B	X	515	515	0	%100
152	MP1B	Z	0	0	0	%100
153	MP2B	X	515	515	0	%100
154	MP2B	Z	0	0	0	%100
155	MP3B	X	515	515	0	%100
156	MP3B	Z	0	0	0	%100
157	MP4B	X	515	515	0	%100
158	MP4B	Z	0	0	0	%100
159	M148B	X	421	421	0	%100
160	M148B	Z	0	0	0	%100
161	M153B	X	084	084	0	%100
162	M153B	Z	0	0	0	%100
163	M154B	X	084	084	0	%100
164	M154B	Z	0	0	0	%100
165	M159A	X	084	084	0	%100
166	M159A	Z	0	0	0	%100

WICIII	<u> Der Distributea Loa</u>	ids (BEO 14	r. Structure Wil	T (270 Deg)) (O	ontinueu)	
	Member Label	Direction	Start Magnitude[lb/ft,	.End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
167	M160A	Χ	084	084	0	%100
168	M160A	Z	0	0	0	%100
169	M162A	X	421	421	0	%100
170	M162A	Z	0	0	0	%100 %100
				•		
171	M167A	X	045	045	0	%100
172	M167A	Z	0	0	0	%100
173	M168A	X	045	045	0	%100
174	M168A	Z	0	0	0	%100
175	M173B	X	045	045	0	%100
176	M173B	Z	0	0	0	%100
177	M174A	X	045	045	0	%100
178	M174A	Z	0	0	0	%100
179	M176A	X	421	421	0	%100
180	M176A	Z	0	0	0	%100
181	M181A	X	006	006	0	%100 %100
182	M181A	Z	000	0		%100 %100
				-	0	
183	M182A	X	006	006	0	%100 %400
184	M182A	Z	0	0	0	%100
185	M187B	X	006	006	0	%100
186	M187B	Z	0	0	0	%100
187	M188	X	006	006	0	%100
188	M188	Z	0	0	0	%100
189	M187C	X	397	397	0	%100
190	M187C	Z	0	0	0	%100
191	M190	Х	397	397	0	%100
192	M190	Z	0	0	0	%100
193	M193	X	397	397	0	%100
194	M193	Z	0	0	0	%100 %100
195	M198	X	515	515	0	%100 %100
196	M198	Z	515	515	0	%100 %100
197	M201	X	515	515	0	%100
198	M201	Z	0	0	0	%100
199	M204	X	515	515	0	%100
200	M204	Z	0	0	0	%100
201	M209	X	0	0	0	%100
202	M209	Z	0	0	0	%100
203	M214	X	467	467	0	%100
204	M214	Z	0	0	0	%100
205	M219	Х	467	467	0	%100
206	M219	Z	0	0	0	%100
207	M226	X	0	0	0	%100
208	M226	Z	0	0	0	%100 %100
209	M227	X	67	67	0	%100 %100
210	M227	Z	07	07	0	%100 %100
211	M228		67	67	0	%100 %100
		X				
212	M228	Z	0	0	0	%100
213	M231	X	0	0	0	%100
214	M231	Z	0	0	0	%100
215	M233	X	061	061	0	%100
216	M233	Z	0	0	0	%100
217	M237	Χ	061	061	0	%100
218	M237	Z	0	0	0	%100
219	M242	X	722	722	0	%100
220	M242	Z	0	0	0	%100
221	M243	X	722	722	0	%100 %100
222	M243	Z	0	0	0	%100 %100
223	M244	X	703	703	0	%100 %100
223	IVIZ44	^	/03	103	U	/0 100



	Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
224	M244	Z	0	0	0	%100
225	M251A	X	703	703	0	%100
226	M251A	Z	0	0	0	%100
227	M253	X	703	703	0	%100
228	M253	Z	0	0	0	%100
229	M256	X	963	963	0	%100
230	M256	Z	0	0	0	%100
231	M257	X	78	78	0	%100
232	M257	Z	0	0	0	%100
233	M258	X	78	78	0	%100
234	M258	Z	0	0	0	%100
235	M259	X	477	477	0	%100
236	M259	Z	0	0	0	%100
237	M260	X	542	542	0	%100
238	M260	Z	0	0	0	%100
239	M261	X	703	703	0	%100
240	M261	Z	0	0	0	%100
241	M262	X	477	477	0	%100
242	M262	Z	0	0	0	%100
243	M263	X	542	542	0	%100
244	M263	Z	0	0	0	%100
245	M264	X	703	703	0	%100
246	M264	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
1	M1	X	-1.261	-1.261	0	%100
2	M1	Z	728	728	0	%100
3	M2	Χ	-1.052	-1.052	0	%100
4	M2	Z	607	607	0	%100
5	M3	Χ	609	609	0	%100
6	M3	Z	351	351	0	%100
7	M6	Χ	563	563	0	%100
8	M6	Z	325	325	0	%100
9	M27	Χ	188	188	0	%100
10	M27	Z	108	108	0	%100
11	M33	X	188	188	0	%100
12	M33	Ζ	108	108	0	%100
13	M34	X	469	469	0	%100
14	M34	Ζ	271	271	0	%100
15	M35	X	469	469	0	%100
16	M35	Z	271	271	0	%100
17	MP1A	X	446	446	0	%100
18	MP1A	Z	257	257	0	%100
19	M147	X	57	57	0	%100
20	M147	Ζ	329	329	0	%100
21	M148	X	57	57	0	%100
22	M148	Z	329	329	0	%100
23	M103A	X	343	343	0	%100
24	M103A	Ζ	198	198	0	%100
25	M104A	Χ	566	566	0	%100
26	M104A	Z	327	327	0	%100
27	M101A	Χ	321	321	0	%100
28	M101A	Z	185	185	0	%100
29	M101B	Χ	566	566	0	%100
30	M101B	Z	327	327	0	%100

		•	O AM TO THE			
24	Member Label	Direction	Start Magnitude[lb/ft,			End Location[ft,%] %100
31	M102A M102A	X 	361 209	361 209	0	%100 %100
						%100 %100
33	M103B	X 7	566	566	0	
34 35	M103B	<u>Z</u> X	327	327	0	%100 %100
	M104B	Z	317 183	317 183	0	%100 %100
36 37	M104B M110B	X	539	163 539	0	%100 %100
38	M110B	Z Z	311	311	0	%100 %100
39	M109B	X	188	311 188	0	%100 %100
40	M109B	^	108	108	0	%100 %100
41	M110C	X	188	188	0	%100 %100
42	M110C M110C	Ž	108	108	0	%100 %100
43	M108A	X	188	188	0	%100 %100
44	M108A	Z	108	108	0	%100 %100
45	M109A	X	188	188	0	%100 %100
46	M109A	Z	108	108	0	%100 %100
47	M112A	X	751	751	0	%100 %100
48	M112A	Z	433	433	0	%100 %100
49	M113A	X	751	751	0	%100 %100
50	M113A	Z	433	433	0	%100 %100
51	M116A	X	469	469	0	%100 %100
52	M116A	Z	271	271	0	%100 %100
53	M117B	X	-1.876	-1.876	0	%100 %100
54	M117B	Z	-1.083	-1.083	0	%100 %100
55	M118A	X	563	563	0	%100 %100
56	M118A	Z	325	325	0	%100 %100
57	M118C	X	563	563	0	%100 %100
58	M118C	Z	325	325	0	%100 %100
59	M122A	X	469	469	0	%100
60	M122A	Z	271	271	0	%100
61	M123A	X	188	188	0	%100
62	M123A	Ž	108	108	0	%100
63	M124A	X	188	188	0	%100
64	M124A	Z	108	108	0	%100
65	M127A	Χ	-1.876	-1.876	0	%100
66	M127A	Z	-1.083	-1.083	0	%100
67	M128A	Х	751	751	0	%100
68	M128A	Z	433	433	0	%100
69	M129A	Χ	751	751	0	%100
70	M129A	Z	433	433	0	%100
71	M132A	Χ	-1.261	-1.261	0	%100
72	M132A	Z	728	728	0	%100
73	M133A	Χ	-1.052	-1.052	0	%100
74	M133A	Z	607	607	0	%100
75	M136B	Χ	563	563	0	%100
76	M136B	Z	325	325	0	%100
77	M140A	Χ	563	563	0	%100
78	M140A	Z	325	325	0	%100
79	M142A	X	563	563	0	%100
80	M142A	Z	325	325	0	%100
81	M144A	X	0	0	0	%100
82	M144A	Z	0	0	0	%100
83	M145B	X	0	0	0	%100
84	M145B	Z	0	0	0	%100
85	M148A	X	0	0	0	%100
86	M148A	Z	0	0	0	%100
87	M152	X	0	0	0	%100

		•	O di detale viii			
00	Member Label	Direction		End Magnitude[lb/ft,F	_	End Location[ft,%]
88	M152	<u>Z</u>	0	0	0	%100 %400
89	M154	X	0	0	0	%100
90	M154	<u>Z</u>	0	0	0	%100 %400
91	M152A	X	539	539	0	%100
92	M152A	Z	311	311	0	%100
93	M153A	X	539	539	0	%100
94	M153A	Z	311	311	0	%100
95	M156	X	206	206	0	%100
96	M156	Z	119	119	0	%100
97	M160	X	57	57	0	%100 %400
98	M160	Z	329	329	0	%100 %400
99	M161	X	57	57	0	%100
100	M161	Z	329	329	0	%100 %400
101	M164	X	206	206	0	%100
102	M164		119	119	0	%100 %400
103	M169	X Z	0	0	0	%100
104	M169		0	0	0	%100
105	M170	X	0	0	0	%100
106	M170	Z	0	0	0	%100
107	M173	X	823	823	0	%100 %400
108	M173	Z	475	475	0	%100 %400
109	M173A	X	343	343	0	%100 %400
110	M173A	Z	198	198	0	%100 %400
111	M174	X Z	566	566	0	%100 %400
112 113	M174 M175		327	327	0	%100 %400
		X Z	321	321	0	%100 %400
114	M175		185	185		%100 %100
115	M176	X	566	566	0	%100 %400
116	M176	Z	327	327	0	%100 %400
117 118	M177 M177	X Z	361 209	361 209	0	%100 %100
119	M178	X	566	209 566	0	%100 %100
120	M178	Z	327	327		%100 %100
121	M179	X	317	317	0	%100 %100
122	M179	^ 	183	183	0	%100 %100
123	M180	X	163 469	163 469	0	%100 %100
124	M180	Z	271	271	0	%100 %100
125	M181	X	566	566	0	%100 %100
126	M181	Z	327	327	0	%100 %100
127	M182	X	625	625	0	%100 %100
128	M182	Z	361	361	0	%100 %100
129	M183	X	566	566	0	%100 %100
130	M183	Z	327	327	0	%100 %100
131	M184	X	469	469	0	%100 %100
132	M184	Z	271	271	0	%100 %100
133	M185	X	566	566	0	%100 %100
134	M185	Z	327	327	0	%100 %100
135	M186	X	625	625	0	%100 %100
136	M186	Z	361	361	0	%100 %100
137	MP2A	X	446	446	0	%100 %100
138	MP2A	Z	257	257	0	%100 %100
139	MP3A	X	446	446	0	%100 %100
140	MP3A	Z	257	257	0	%100 %100
141	MP4A	X	446	446	0	%100 %100
142	MP4A	Z	257	257	0	%100 %100
143	MP1C	X	446	446	0	%100 %100
144	MP1C	Z	257	257	0	%100 %100
144	IVIFIC		201	201	U	70 100

	Member Label	Direction		.End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
145	MP2C	X	446	446	0	%100
146	MP2C	Z	257	257	0	%100
147	MP3C	Χ	446	446	0	%100
148	MP3C	Z	257	257	0	%100
149	MP4C	X	446	446	0	%100
150	MP4C	Z	257	257	0	%100
151	MP1B	Χ	446	446	0	%100
152	MP1B	Z	257	257	0	%100
153	MP2B	X	446	446	0	%100
154	MP2B	Z	257	257	0	%100
155	MP3B	X	446	446	0	%100
156	MP3B	Z	257	257	0	%100 %100
157	MP4B	X	446	446	0	%100
158	MP4B	Z	257	257	0	%100 %100
159	M148B	X	364	364	0	%100 %100
160	M148B	Z	21	21	0	%100 %100
161	M153B	X	039	039	0	%100
162	M153B	Z	023	023	0	%100 %400
163	M154B	X	039	039	0	%100
164	M154B	Z	023	023	0	%100
165	M159A	X	039	039	0	%100
166	M159A	Z	023	023	0	%100
167	M160A	X	039	039	0	%100
168	M160A	Z	023	023	0	%100
169	M162A	X	364	364	0	%100
170	M162A	Z	21	21	0	%100
171	M167A	X	073	073	0	%100
172	M167A	Z	042	042	0	%100
173	M168A	X	073	073	0	%100
174	M168A	Z	042	042	0	%100
175	M173B	Х	073	073	0	%100
176	M173B	Z	042	042	0	%100
177	M174A	X	073	073	0	%100
178	M174A	Z	042	042	0	%100
179	M176A	X	364	364	0	%100
180	M176A	Z	21	21	0	%100
181	M181A	X	005	005	0	%100
182	M181A	Z	003	003	0	%100 %100
183	M182A	X	005	005	0	%100 %100
184	M182A	Z	003	003	0	%100 %100
				005		
185	M187B M187B	X Z	005 003	003	0	%100 %100
186 187	M188	X		005		%100 %100
188		Z	005	005	0	
	M188		003			%100 %100
189	M187C	X	344	344	0	%100 %400
190	M187C	Z	198	198	0	%100 %400
191	M190	X	344	344	0	%100
192	M190	Z	198	198	0	%100
193	M193	X	344	344	0	%100
194	M193	Z	198	198	0	%100
195	M198	X	446	446	0	%100
196	M198	Z	257	257	0	%100
197	M201	X	446	446	0	%100
198	M201	Z	257	257	0	%100
199	M204	X	446	446	0	%100
200	M204	Z	257	257	0	%100
201	M209	Χ	135	135	0	%100

	Member Label	Direction	Start Magnitude[lb/ft,	.End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
202	M209	Ζ	078	078	0	%100
203	M214	X	135	135	0	%100
204	M214	Z	078	078	0	%100
205	M219	Χ	539	539	0	%100
206	M219	Z	311	311	0	%100
207	M226	Х	194	194	0	%100
208	M226	Z	112	112	0	%100
209	M227	X	194	194	0	%100
210	M227	Z	112	112	0	%100
211	M228	X	774	774	0	%100
212	M228	7	447	447	0	%100
213	M231	X	018	018	0	%100
214	M231	Z	01	01	0	%100
215	M233	X	018	018	0	%100
216	M233	Z	01	01	0	%100 %100
217	M237	X	07	07	0	%100 %100
218	M237	7	041	041	0	%100 %100
219	M242	X	555	555	0	%100 %100
220	M242	Z	32	32	0	%100 %100
221	M243	X	573	573	0	%100 %100
222	M243	Z	331	331	0	%100 %100
223	M244	X	609	609	0	%100 %100
224	M244	^ 	351	351	0	%100 %100
225	M251A	X	609	609	0	%100 %100
226	M251A M251A	Z	351	351	0	%100 %100
227	M253					%100 %100
		X	609	609	0	
228	M253	Z	351	351	0	%100 %400
229	M256	X	781	781	0	%100
230	M256	Z	451	451	0	%100
231	M257	X	781	781	0	%100
232	M257	Z	451	451	0	%100 %400
233	M258	X	622	622	0	%100 %400
234	M258	Z	359	359	0	%100 %400
235	M259	X	555	555	0	%100
236	M259	Z	32	32	0	%100
237	M260	X	573	573	0	%100
238	M260	Z	331	331	0	%100
239	M261	X	609	609	0	%100
240	M261	Z	351	351	0	%100
241	M262	X	342	342	0	%100
242	M262	Z	198	198	0	%100
243	M263	X	417	417	0	%100
244	M263	Z	241	241	0	%100
245	M264	X	609	609	0	%100
246	M264	Ζ	351	351	0	%100

	Member Label	Direction	Start Magnitude[lb/ft,	.End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
1	M1	X	243	243	0	%100
2	M1	Ζ	42	42	0	%100
3	M2	Χ	202	202	0	%100
4	M2	Ζ	351	351	0	%100
5	M3	X	351	351	0	%100
6	M3	Ζ	609	609	0	%100
7	M6	X	108	108	0	%100
8	M6	Z	188	188	0	%100



	Member Label	Direction		.End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
9	M27	X	325	325	0	%100
10	M27	Z	563	563	0	%100
11	M33	X	325	325	0	%100
12	M33	Z	563	563	0	%100
13	M34	X	813	813	0	%100
14	M34	Z	-1.407	-1.407	0	%100
15	M35	X	813	813	0	%100
16	M35	Z	-1.407	-1.407	0	%100
17	MP1A	X	257	257	0	%100
18	MP1A	Z	446	446	0	%100
19	M147	X	11	11	0	%100
20	M147	Z	19	19	0	%100
21	M148	X	11	11	0	%100
22	M148	Z	19	19	0	%100
23	M103A	X	247	247	0	%100
24	M103A	Z	427	427	0	%100
25	M104A	X	327	327	0	%100
26	M104A	Z	566	566	0	%100
27	M101A	X	303	303	0	%100
28	M101A	Z	524	524	0	%100
29	M101B	X	327	327	0	%100
30	M101B	Z	566	566	0	%100
31	M102A	X	25	25	0	%100
32	M102A	Z	433	433	0	%100
33	M103B	X	327	327	0	%100
34	M103B	Z	566	566	0	%100
35	M104B	X	302	302	0	%100
36	M104B	Z	523	523	0	<u>%100</u>
37	M110B	X	311	311	0	%100
38	M110B	Z	539	539	0	%100
39	M109B	X	325	325	0	%100
40	M109B	Z	563	563	0	%100 %400
41	M110C	X Z	325	325	0	%100 %400
	M110C	X	563	563	0	%100 %100
43	M108A M108A	Z	0	0	0	%100 %100
45	M109A		0			%100 %100
46	M109A M109A	X Z	0	0	0	%100 %100
47	M112A	X	325	325	0	%100 %100
48	M112A	Z	563	563	0	%100 %100
49	M113A	X	325	325	0	%100 %100
50	M113A	Z	563	563	0	%100 %100
51	M116A	X	0	0	0	%100 %100
52	M116A	Z	0	0	0	%100 %100
53	M117B	X	813	813	0	%100 %100
54	M117B	Z	-1.407	-1.407	0	%100 %100
55	M118A	X	108	108	0	%100 %100
56	M118A	Z	188	188	0	%100 %100
57	M118C	X	108	108	0	%100 %100
58	M118C	Z	188	188	0	%100 %100
59	M122A	X	0	0	0	%100
60	M122A	Z	0	0	0	%100
61	M123A	X	0	0	0	%100
62	M123A	Z	Ö	0	0	%100
63	M124A	X	0	0	0	%100
64	M124A	Z	0	0	0	%100
65	M127A	X	813	813	0	%100

			O			
00	Member Label	Direction		End Magnitude[lb/ft,F		End Location[ft,%]
66	M127A	Z	-1.407	-1.407	0	%100 %100
67	M128A	X	325	325	0	%100
68	M128A	Z	563	563	0	%100
69	M129A	X	325	325	0	%100
70	M129A	Z	563	563	0	%100
71	M132A	X	971	971	0	%100
72	M132A	Z	-1.681	-1.681	0	%100
73	M133A	X	81	81	0	%100
74	M133A	Z	-1.402	-1.402	0	%100
75	M136B	X	433	433	0	%100
76	M136B	Z	751	751	0	%100
77	M140A	X	433	433	0	%100
78	M140A	Ζ	751	751	0	%100
79	M142A	X	433	433	0	%100
80	M142A	Z	751	751	0	%100
81	M144A	Х	243	243	0	%100
82	M144A	Z	42	42	0	%100
83	M145B	X	202	202	0	%100
84	M145B	Z	351	351	0	%100
85	M148A	X	108	108	0	%100
86	M148A	Z	188	188	0	%100
87	M152	X	108	108	0	%100
88	M152	Z	188	188	0	%100 %100
89	M154	X	108	108	0	%100
90	M154	Z	188	188	0	%100 %100
91	M152A	X	311	311	0	%100 %100
92	M152A	Z	539	539	0	%100 %100
93	M153A	X	311	311	0	%100 %100
94	M153A	Z	539	539	0	%100 %100
95	M156	X	356	356	0	%100 %100
96	M156	Z	617	617	0	%100 %100
97	M160	X	439	439	0	%100 %100
98	M160	Z	76	76		%100 %100
99	M161				0	%100 %100
100	M161	X Z	439 76	439 76	0	%100 %100
	M164					
101		X Z	0	0	0	%100 %400
102	M164					%100 %400
103	M169	X	11	11	0	%100
104	M169	Z	19	19	0	%100 %400
105	M170	X	11	11	0	%100
106	M170	Z	19	19	0	%100 %400
107	M173	X	356	356	0	%100
108	M173	Z	617	617	0	%100 %400
109	M173A	X	174	174	0	%100
110	M173A	Z	301	301	0	%100
111	M174	X	327	327	0	%100
112	M174	Z	566	566	0	%100
113	M175	X	127	127	0	%100
114	M175	Z	22	22	0	%100
115	M176	X	327	327	0	%100
116	M176	Z	566	566	0	%100
117	M177	X	188	188	0	%100
118	M177	Z	325	325	0	%100
119	M178	X	327	327	0	%100
120	M178	Z	566	566	0	%100
121	M179	X	124	124	0	%100
122	M179	Z	214	214	0	%100



	Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
123	M180	X	247	247	0	%100
124	M180	Z	427	427	0	%100
125	M181	X	327	327	0	%100
126	M181	Z	566	566	0	%100
127	M182	X	303	303	0	%100
128	M182	Z	524	524	0	%100
129	M183	X	327	327	0	%100
130	M183	Z	566	566	0	%100
131	M184	X	25	25	0	%100
132	M184	Z	433	433	0	%100
133	M185	X	327	327	0	%100
134	M185	Z	566	566	0	%100
135	M186	X	302	302	0	%100
136	M186	Z	523	523	0	%100
137	MP2A	X	257	257	0	%100
138	MP2A	Z	446	446	0	%100
139	MP3A	X	257	257	0	%100
140	MP3A	Z	446	446	0	%100
141	MP4A	X	257	257	0	%100
142	MP4A	Z	446	446	0	%100
143	MP1C	X	257	257	0	%100
144	MP1C	Z	446	446	0	%100
145	MP2C	X	257	257	0	%100
146	MP2C	Z	446	446	0	%100
147	MP3C	X	257	257	0	%100
148	MP3C	Z	446	446	0	%100
149	MP4C	X	257	257	0	%100
150	MP4C	Z	446	446	0	%100
151	MP1B	X	257	257	0	%100
152	MP1B	Z	446	446	0	%100
153	MP2B	X	257	257	0	%100
154	MP2B	Z	446	446	0	%100
155	MP3B	X	257	257	0	%100
156	MP3B	Z	446	446	0	%100
157	MP4B	X	257	257	0	%100
158	MP4B	Z	446	446	0	%100
159	M148B	X	21	21	0	%100
160	M148B	Z	364	364	0	%100
161	M153B	X	003	003	0	%100
162	M153B	Z	005	005	0	%100
163	M154B	X	003	003	0	%100 %400
164	M154B	Z	005	005	0	%100 %400
165	M159A	X Z	003	003	0	%100 %400
166	M159A		005	005	0	%100 %100
167	M160A	X	003	003	0	%100 %100
168	M160A	Z	005	005	0	%100 %400
169	M162A	X	21	21	0	%100 %400
170	M162A	Z	364	364	0	%100 %100
171	M167A	X Z	042	042 073	0	%100 %100
172	M167A		073		0	%100 %100
173	M168A	X	042	042	0	%100 %100
174	M168A	Z	073	073	0	%100 %100
175	M173B	X Z	042	042	0	%100 %100
176 177	M173B	X	073	073		%100 %100
177	M174A	Z	042 073	042 073	0	%100 %100
	M174A					
179	M176A	X	21	21	0	%100

	Member Label	Direction	Start Magnitude[lb/ft,.	End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
180	M176A	Z	364	364	0	%100
181	M181A	X	023	023	0	%100
182	M181A	Z	039	039	0	%100
183	M182A	X	023	023	0	%100
184	M182A	Z	039	039	0	%100
185	M187B	X	023	023	0	%100
186	M187B	Z	039	039	0	%100
187	M188	X	023	023	0	%100
188	M188	Z	039	039	0	%100
189	M187C	X	198	198	0	%100
190	M187C	Z	344	344	0	%100
191	M190	X	198	198	0	%100
192	M190	Z	344	344	0	%100
193	M193	X	198	198	0	%100
194	M193	Z	344	344	0	%100
195	M198	X	257	257	0	%100
196	M198	Z	446	446	0	%100
197	M201	X	257	257	0	%100
198	M201	Z	446	446	0	%100
199	M204	X	257	257	0	%100
200	M204	Z	446	446	0	%100
201	M209	X	234	234	0	%100
202	M209	Z	405	405	0	%100
203	M214	X	0	0	0	%100
204	M214	Z	0	0	0	%100
205	M219	Х	234	234	0	%100
206	M219	Z	405	405	0	%100
207	M226	X	335	335	0	%100
208	M226	Z	581	581	0	%100
209	M227	X	0	0	0	%100
210	M227	Z	0	0	0	%100
211	M228	X	335	335	0	%100
212	M228	Z	581	581	0	%100
213	M231	X	03	03	0	%100
214	M231	Z	053	053	0	%100
215	M233	Х	0	0	0	%100
216	M233	Z	0	0	0	%100
217	M237	X	03	03	0	%100
218	M237	Z	053	053	0	%100
219	M242	X	239	239	0	%100
220	M242	Z	413	413	0	%100
221	M243	X	271	271	0	%100
222	M243	Z	469	469	0	%100
223	M244	X	351	351	0	%100
224	M244	Z	609	609	0	%100
225	M251A	X	351	351	0	%100
226	M251A	Z	609	609	0	%100
227	M253	X	351	351	0	%100
228	M253	Z	609	609	0	%100
229	M256	X	39	39	0	%100
230	M256	Z	675	675	0	%100
231	M257	X	481	481	0	%100
232	M257	Z	834	834	0	%100
233	M258	X	39	39	0	%100
234	M258	Z	675	675	0	%100
235	M259	X	361	361	0	%100
236	M259	Z	625	625	0	%100



	Member Label	Direction	Start Magnitude[lb/ft,	.End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
237	M260	X	361	361	0	%100
238	M260	Ζ	625	625	0	%100
239	M261	X	351	351	0	%100
240	M261	Z	609	609	0	%100
241	M262	X	239	239	0	%100
242	M262	Ζ	413	413	0	%100
243	M263	X	271	271	0	%100
244	M263	Ζ	469	469	0	%100
245	M264	X	351	351	0	%100
246	M264	Z	609	609	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,	.End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
1	M117B	Υ	746	-11.743	0	2.119
2	M117B	Υ	-11.743	-15.893	2.119	4.238
3	M117B	Υ	-15.893	-16.899	4.238	6.357
4	M117B	Υ	-16.899	-16.913	6.357	8.476
5	M117B	Υ	-16.913	-15.909	8.476	10.595
6	M117B	Υ	-15.909	-11.744	10.595	12.714
7	M117B	Υ	-11.744	746	12.714	14.833
8	M173	Υ	-45.671	-23.957	0	.88
9	M173	Υ	-23.957	-12.053	.88	1.761
10	M173	Υ	-12.053	-12.069	1.761	2.641
11	M173	Υ	-12.069	-24.023	2.641	3.522
12	M173	Υ	-24.023	-45.804	3.522	4.402
13	M35	Υ	746	-11.744	0	2.119
14	M35	Υ	-11.744	-15.909	2.119	4.238
15	M35	Υ	-15.909	-16.913	4.238	6.357
16	M35	Υ	-16.913	-16.899	6.357	8.476
17	M35	Υ	-16.899	-15.893	8.476	10.595
18	M35	Υ	-15.893	-11.743	10.595	12.714
19	M35	Υ	-11.743	746	12.714	14.833
20	M156	Υ	-45.804	-24.023	0	.88
21	M156	Υ	-24.023	-12.069	.88	1.761
22	M156	Υ	-12.069	-12.053	1.761	2.641
23	M156	Υ	-12.053	-23.957	2.641	3.522
24	M156	Υ	-23.957	-45.671	3.522	4.402
25	M116A	Υ	746	-11.744	0	2.119
26	M116A	Υ	-11.744	-15.909	2.119	4.238
27	M116A	Υ	-15.909	-16.913	4.238	6.357
28	M116A	Υ	-16.913	-16.899	6.357	8.476
29	M116A	Υ	-16.899	-15.893	8.476	10.595
30	M116A	Υ	-15.893	-11.743	10.595	12.714
31	M116A	Υ	-11.743	746	12.714	14.833
32	M164	Υ	-45.804	-24.023	0	.88
33	M164	Υ	-24.023	-12.069	.88	1.761
34	M164	Υ	-12.069	-12.053	1.761	2.641
35	M164	Υ	-12.053	-23.957	2.641	3.522
36	M164	Υ	-23.957	-45.671	3.522	4.402

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

	Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
1	M117B	Υ	911	-14.353	0	2.119
2	M117B	Υ	-14.353	-19.425	2.119	4.238
3	M117B	Υ	-19.425	-20.655	4.238	6.357
4	M117B	Υ	-20.655	-20.671	6.357	8.476



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

	Member Label	Direction	Start Magnitude[lb/ft,	.End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
5	M117B	Y	-20.671	-19.444	8.476	10.595
6	M117B	Υ	-19.444	-14.354	10.595	12.714
7	M117B	Υ	-14.354	911	12.714	14.833
8	M173	Υ	-55.82	-29.28	0	.88
9	M173	Υ	-29.28	-14.731	.88	1.761
10	M173	Υ	-14.731	-14.751	1.761	2.641
11	M173	Υ	-14.751	-29.361	2.641	3.522
12	M173	Υ	-29.361	-55.983	3.522	4.402
13	M35	Υ	911	-14.354	0	2.119
14	M35	Υ	-14.354	-19.444	2.119	4.238
15	M35	Υ	-19.444	-20.671	4.238	6.357
16	M35	Υ	-20.671	-20.655	6.357	8.476
17	M35	Υ	-20.655	-19.425	8.476	10.595
18	M35	Υ	-19.425	-14.353	10.595	12.714
19	M35	Υ	-14.353	911	12.714	14.833
20	M156	Υ	-55.983	-29.361	0	.88
21	M156	Υ	-29.361	-14.751	.88	1.761
22	M156	Υ	-14.751	-14.731	1.761	2.641
23	M156	Υ	-14.731	-29.28	2.641	3.522
24	M156	Υ	-29.28	-55.82	3.522	4.402
25	M116A	Υ	911	-14.354	0	2.119
26	M116A	Υ	-14.354	-19.444	2.119	4.238
27	M116A	Υ	-19.444	-20.671	4.238	6.357
28	M116A	Υ	-20.671	-20.655	6.357	8.476
29	M116A	Υ	-20.655	-19.425	8.476	10.595
30	M116A	Υ	-19.425	-14.353	10.595	12.714
31	M116A	Υ	-14.353	911	12.714	14.833
32	M164	Υ	-55.983	-29.361	0	.88
33	M164	Υ	-29.361	-14.751	.88	1.761
34	M164	Υ	-14.751	-14.731	1.761	2.641
35	M164	Υ	-14.731	-29.28	2.641	3.522
36	M164	Υ	-29.28	-55.82	3.522	4.402

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

	Member Label	Direction	Start Magnitude[lb/ft,	.End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
1	M117B	Υ	019	296	0	2.119
2	M117B	Υ	296	401	2.119	4.238
3	M117B	Υ	401	426	4.238	6.357
4	M117B	Υ	426	427	6.357	8.476
5	M117B	Υ	427	401	8.476	10.595
6	M117B	Υ	401	296	10.595	12.714
7	M117B	Υ	296	019	12.714	14.833
8	M173	Υ	-1.152	604	0	.88
9	M173	Υ	604	304	.88	1.761
10	M173	Υ	304	304	1.761	2.641
11	M173	Υ	304	606	2.641	3.522
12	M173	Υ	606	-1.155	3.522	4.402
13	M35	Υ	019	296	0	2.119
14	M35	Υ	296	401	2.119	4.238
15	M35	Υ	401	427	4.238	6.357
16	M35	Υ	427	426	6.357	8.476
17	M35	Υ	426	401	8.476	10.595
18	M35	Υ	401	296	10.595	12.714
19	M35	Υ	296	019	12.714	14.833
20	M156	Υ	-1.155	606	0	.88
21	M156	Υ	606	304	.88	1.761



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

	Member Label	Direction	Start Magnitude[lb/ft,	End Magnitude[lb/ft,F	. Start Location[ft,%]	End Location[ft,%]
22	M156	Υ	304	304	1.761	2.641
23	M156	Υ	304	604	2.641	3.522
24	M156	Υ	604	-1.152	3.522	4.402
25	M116A	Υ	019	296	0	2.119
26	M116A	Υ	296	401	2.119	4.238
27	M116A	Υ	401	427	4.238	6.357
28	M116A	Υ	427	426	6.357	8.476
29	M116A	Υ	426	401	8.476	10.595
30	M116A	Υ	401	296	10.595	12.714
31	M116A	Υ	296	019	12.714	14.833
32	M164	Υ	-1.155	606	0	.88
33	M164	Υ	606	304	.88	1.761
34	M164	Y	304	304	1.761	2.641
35	M164	Y	304	604	2.641	3.522
36	M164	Υ	604	-1.152	3.522	4.402

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

	Member Label	Direction		End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
1	M117B	Z	047	742	0	2.119
2	M117B	Z	742	-1.005	2.119	4.238
3	M117B	Z	-1.005	-1.068	4.238	6.357
4	M117B	Z	-1.068	-1.069	6.357	8.476
5	M117B	Z	-1.069	-1.006	8.476	10.595
6	M117B	Z	-1.006	743	10.595	12.714
7	M117B	Z	743	047	12.714	14.833
8	M173	Z	-2.887	-1.515	0	.88
9	M173	Z	-1.515	762	.88	1.761
10	M173	Z	762	763	1.761	2.641
11	M173	Z	763	-1.519	2.641	3.522
12	M173	Z	-1.519	-2.896	3.522	4.402
13	M35	Z	047	743	0	2.119
14	M35	Z	743	-1.006	2.119	4.238
15	M35	Z	-1.006	-1.069	4.238	6.357
16	M35	Z	-1.069	-1.068	6.357	8.476
17	M35	Z	-1.068	-1.005	8.476	10.595
18	M35	Ζ	-1.005	742	10.595	12.714
19	M35	Ζ	742	047	12.714	14.833
20	M156	Z	-2.896	-1.519	0	.88
21	M156	Ζ	-1.519	763	.88	1.761
22	M156	Ζ	763	762	1.761	2.641
23	M156	Ζ	762	-1.515	2.641	3.522
24	M156	Z	-1.515	-2.887	3.522	4.402
25	M116A	Ζ	047	743	0	2.119
26	M116A	Z	743	-1.006	2.119	4.238
27	M116A	Ζ	-1.006	-1.069	4.238	6.357
28	M116A	Z	-1.069	-1.068	6.357	8.476
29	M116A	Z	-1.068	-1.005	8.476	10.595
30	M116A	Z	-1.005	742	10.595	12.714
31	M116A	Z	742	047	12.714	14.833
32	M164	Z	-2.896	-1.519	0	.88
33	M164	Z	-1.519	763	.88	1.761
34	M164	Z	763	762	1.761	2.641
35	M164	Z	762	-1.515	2.641	3.522
36	M164	Z	-1.515	-2.887	3.522	4.402



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

	Member Label	Direction	Start Magnitude[lb/ft,	.End Magnitude[lb/ft,F	Start Location[ft,%]	End Location[ft,%]
1	M117B	X	.047	.742	0	2.119
2	M117B	Χ	.742	1.005	2.119	4.238
3	M117B	X	1.005	1.068	4.238	6.357
4	M117B	Х	1.068	1.069	6.357	8.476
5	M117B	Χ	1.069	1.006	8.476	10.595
6	M117B	Χ	1.006	.743	10.595	12.714
7	M117B	Χ	.743	.047	12.714	14.833
8	M173	Χ	2.887	1.515	0	.88
9	M173	Χ	1.515	.762	.88	1.761
10	M173	Χ	.762	.763	1.761	2.641
11	M173	Χ	.763	1.519	2.641	3.522
12	M173	Χ	1.519	2.896	3.522	4.402
13	M35	Χ	.047	.743	0	2.119
14	M35	Χ	.743	1.006	2.119	4.238
15	M35	Χ	1.006	1.069	4.238	6.357
16	M35	Χ	1.069	1.068	6.357	8.476
17	M35	X	1.068	1.005	8.476	10.595
18	M35	Χ	1.005	.742	10.595	12.714
19	M35	Χ	.742	.047	12.714	14.833
20	M156	Χ	2.896	1.519	0	.88
21	M156	Χ	1.519	.763	.88	1.761
22	M156	Χ	.763	.762	1.761	2.641
23	M156	Χ	.762	1.515	2.641	3.522
24	M156	Χ	1.515	2.887	3.522	4.402
25	M116A	Χ	.047	.743	0	2.119
26	M116A	Χ	.743	1.006	2.119	4.238
27	M116A	X	1.006	1.069	4.238	6.357
28	M116A	Χ	1.069	1.068	6.357	8.476
29	M116A	Χ	1.068	1.005	8.476	10.595
30	M116A	Χ	1.005	.742	10.595	12.714
31	M116A	Χ	.742	.047	12.714	14.833
32	M164	Χ	2.896	1.519	0	.88
33	M164	Χ	1.519	.763	.88	1.761
34	M164	Χ	.763	.762	1.761	2.641
35	M164	Χ	.762	1.515	2.641	3.522
36	M164	Χ	1.515	2.887	3.522	4.402

Member Area Loads (BLC 39 : Structure D)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N220B	N232A	N178A	N180A	Υ	A-B	009
2	N220B	N221B	N54	N46	Υ	A-B	009
3	N221B	N232A	N173A	N171C	Υ	A-B	009

Member Area Loads (BLC 40 : Structure Di)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N220B	N232A	N178A	N180A	Υ	A-B	011
2	N220B	N221B	N54	N46	Υ	A-B	011
3	N221B	N232A	N173A	N171C	Υ	A-B	011

Member Area Loads (BLC 84 : Structure Ev)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N220B	N232A	N178A	N180A	Υ	Two Way	000227
2	N220B	N221B	N54	N46	Υ	Two Way	000227
3	N221B	N232A	N173A	N171C	Υ	Two Way	000227



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

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N220B	N232A	N178A	N180A	Z	Two Way	000569
2	N220B	N221B	N54	N46	Z	Two Way	000569
3	N221B	N232A	N173A	N171C	Z	Two Way	000569

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

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N220B	N232A	N178A	N180A	X	Two Way	.000569
2	N220B	N221B	N54	N46	Х	Two Way	.000569
3	N221B	N232A	N173A	N171C	Χ	Two Way	.000569

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	N218D	max	10655.188	10	6496.623	10	8516.899	1	Ō	75	Ō	75	Ō	75
2		min	-10574.407	4	-7946.682	4	-9100.743	7	0	1	0	1	0	1
3	N220	max	4869.4	6	8030.188	12	8446.534	6	0	75	0	75	0	75
4		min	-4802.466	12	-5765.168	6	-8334.558	12	0	1	0	1	0	1
5	N221	max	9015.314	8	6505.651	6	10107.018	4	0	75	0	75	0	75
6		min	-9527.332	2	-7819.83	12	-9778.721	10	0	1	0	1	0	1
7	N223	max	4838.921	2	8069.089	8	8298.552	8	0	75	0	75	0	75
8		min	-4794.878	8	-5781.967	2	-8375.841	2	0	1	0	1	0	1
9	N224	max	10914.629	12	6438.158	2	9343.245	2	0	75	0	75	0	75
10		min	-10340.332	6	-7889.639	8	-9046.004	8	0	1	0	1	0	1
11	N9	max	9591.607	4	8144.479	4	47.832	1	0	75	0	75	0	75
12		min	-9699.308	10	-5806.67	10	-33.483	7	0	1	0	1	0	1
13	N391	max	1701.853	3	6193.563	9	2012.851	9	.002	6	.004	12	.001	12
14		min	-3471.039	9	-3026.737	3	-978.026	3	002	12	003	6	0	6
15	N395	max	3852.911	5	6853.737	5	2214.313	5	.002	8	.004	8	.001	8
16		min	-2021.497	11	-3600.001	11	-1172.192	11	002	2	004	2	001	2
17	N387A	max	50.353	12	6778.035	1	2276.82	7	0	75	.004	4	.002	10
18		min	-49.861	2	-3508.065	7	-4394.362	1	0	1	003	10	002	4
19	Totals:	max	8752.334	10	13183.887	13	8953.826	1	·					
20		min	-8752.29	4	4496.044	69	-8953.786	7						

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

	Member	Shape	Code Ch	Loc[ft]	LC	Shear	Loc[ft]	Dir	LC	phi*Pnc [l	phi*Pnt [lb]	phi*Mn y	.phi*Mn z	Cb	Eqn
1	M133A	L5X3.5X4	.973	7.425	6	.629	7.507	Z	6	29592.726	67068	2.629	6.062	2	H2-1
2	M145B	L5X3.5X4	.971	4.569	5	.581	7.507	Z		29592.726		2.135	6.062	2	H2-1
3	M2	L5X3.5X4	.969	7.425	10	.621	7.507	Z	10	29592.726	67068	2.629	6.062	2.1	H2-1
4	M243	L2x2x3	.811	2.336	24	.013	4.771	Z	5	7530.248	23392.8	.558	1.038	1	H2-1
5	M263	L2x2x3	.809	2.336	16	.014	0	У	6	7530.248	23392.8	.558	1.038	1	H2-1
6	M260	L2x2x3	.799	2.336	20	.013	4.771	У	10	7530.248	23392.8	.558	1.038	1	H2-1
7	M262	L2x2x3	.747	2.797	5	.027	0	y	10	6183.098	23392.8	.558	1.01	1	H2-1
8	M242	L2x2x3	.726	2.797	1	.031	5.265	У	6	6183.098	23392.8	.558	1.01	1	H2-1
9	M144A	LL2.5x2.5x3x3	.673	1.021	18	.238	7.576	Z	11	24886.212	58320	3.954	2.078	2	H1-1b
10	M1	LL2.5x2.5x3x3	.665	1.021	24	.235	7.576	Z	7	24886.212	58320	3.954	2.078	2	H1-1b
11	M259	L2x2x3	.658	2.797	9	.021	5.265	Z	10	6183.098	23392.8	.558	1.01	1	H2-1
12	M132A	LL2.5x2.5x3x3	.655	1.021	22	.222	7.576	Z	3	24886.212	58320	3.954	2.078	2	H1-1b
13	M231	PL3/8x6	.586	0	12	.358	.502	У	12	37963.034	72900	.57	9.113	2	H1-1b
14	M154B	SR 0.5	.582	0	18	.130	0		21	5095.684	6350.4	.052	.052	1	H1-1b
15	M153B	SR 0.5	.579	0	18	.131	0		18	5095.684	6350.4	.052	.052	1	H1-1b
16	M182A	SR 0.5	.578	0	22	.130	0		24	5095.684	6350.4	.052	.052	1	H1-1b
17	M168A	SR 0.5	.576	0	14	.130	0		17	5095.684	6350.4	.052	.052	1	H1-1b
18	M181A	SR 0.5	.575	0	22	.131	0		22	5095.684	6350.4	.052	.052	1	H1-1b

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

	Member	Shape	Code Ch	Loc[ft]	LC	Shear	Loc[ft]	Dir	LC	phi*Pnc [l	phi*Pnt [lb]	phi*Mn y	.phi*Mn z-	Cb Eqn
19	M167A	SR 0.5	.574	0	17	.130	0			5095.684	6350.4	.052	.052	1 H1-1b
20	M237	PL3/8x6	.559	1.004	6	.359	.502	У	4	37963.034	72900	.57	9.113	1 H1-1b
21	M233	PL3/8x6	.554	.502	20	.329	.502	У		37963.034	72900	.57	9.113	1 H1-1b
22	M3	L2x2x3	.516	3.896	7	.022	3.896	У	4	10936.143	23392.8	.558	1.239	2 H2-1
23	M173B	SR 0.5	.510	0	20	.115	0		21	5095.684	6350.4	.052	.052	1 H1-1b
24	M174A	SR_0.5	.510	0	20	.115	0		20		6350.4	.052	.052	1 H1-1b
25	M187B	SR 0.5	.509	0	16	.115	0		17	5095.684	6350.4	.052	.052	1 H1-1b
26	M188	SR_0.5	.509	0	16	.115	0		16		6350.4	.052	.052	1 H1-1b
27	M160A	SR 0.5	.507	0	24	.115	0		24		6350.4	.052	.052	1 H1-1b
28	M159A	SR_0.5	.507	0	13	.115	0		13		6350.4	.052	.052	1 H1-1b
29	M253	L2x2x3	.501	3.896	<u>11</u>	.031	3.896	Z	8	10936.143		.558	1.239	2 H2-1
30	M251A	L2x2x3	.494	3.896	3	.022	3.896				23392.8	.558	1.227	2 H2-1
31	M142A	PL3/8x4	.468	.5	8	.122	0	У		41342.816	48600	.38	4.05	1 H1-1b
32	M154	PL3/8x4	.466	.5	6	.134	0	У		41342.816		.38	4.05	1 H1-1b
33	M33	PL3/8x4	.454	0	6	.331	0			39734.219	48600	.38	4.05	1 H1-1b
34	M118C	PL3/8x4	.437	.5	12	.121	0	У	_	41342.816	48600	.38	4.05	1 H1-1b
35	M153A	PIPE 2.5	.435	2.056	<u> 17</u>	.360	2.056		6		50715	3.596	3.596	3 H1-1b
36	M124A	PL3/8x4	.429	0	22	.260	0	У		39734.219	48600	.38	4.05	2 H1-1b
37	M152A	PIPE 2.5	.427	2.056	21	.352	2.056			37152.16	50715	3.596	3.596	3 H1-1b
38	M27	PL3/8x4	.420	0	1	.249	0	У	. •	39734.219	.000	.38	4.05	1 H1-1b
39	M110B	PIPE 2.5	.417	2.056	13	.403	2.056			37152.16	50715	3.596	3.596	2 H1-1b
40	M110C	PL3/8x4	.395	0	14	.322	0	У		39734.219		.38	4.05	1 H1-1b
41	M129A	PL3/8x4	.390	0	18	.268	0	У	_	39734.219	48600	.38	4.05	2 H1-1b
42	M128A	PL3/8x4	.371	0	16	.246	0	У	_	39734.219	48600	.38	4.05	2 H1-1b
43	M108A	PL3/8x4	.340	.558	9	.215	0	У		39734.219	48600	.38	4.05	1 H1-1b
44	M109B	PL3/8x4	.334	0	24	.265	0	У		39734.219		.38	4.05	1 H1-1b
45	M6	PL3/8x4	.332	.5	8	.050	0	У		41342.816	48600	.38	4.05	1 H1-1b
46	M148A	PL3/8x4	.332	.5	12	.048	.5	У	_	41342.816	48600	.38	4.05	1 H1-1b
47	M136B	PL3/8x4	.330	.5	2	.041	.5	У	_	41342.816		.38	4.05	1 H1-1b
48	M123A	PL3/8x4	.330	0	20	.237	0	У	_	39734.219	48600	.38	4.05	2 H1-1b
49	M112A	PL3/8x4	.315	.558	5	.203	0	У	1	39734.219		.38	4.05	1 H1-1b
50	M113A	PL3/8x4	.294	.558	5	.269	0	_	_	39734.219		.38	4.05	1 H1-1b
51	M109A	PL3/8x4	.290	.558	9	.265	0	_		39734.219	48600	.38	4.05	1 H1-1b
52	M156	L3X3X4	.283	.963	12	.533	0	Z	_	30371.382	46656	1.688	3.686	1 H2-1
53	M164	L3X3X4	.274	.963	8	.500	0	Z		30371.382	46656	1.688	3.682	1 H2-1
54	M173	L3X3X4	.272	.963	4	.511	0	Z	_	30371.382	46656	1.688	3.683	1 H2-1
55	M104B	L2x1.5x3	.176	2.423	6	.022	4.748	Z	7		20123.446	.346	.765	1 H2-1
56	<u>M258</u>	LL3x3x3x3	.170	3.583	5	.020	3.583		_	48063.396	70632	5.543	3.751	1 H1-1b*
57	M256	LL3x3x3x3	.168	3.583	_1_	.017	0	Z	_	48063.396	70632	5.543	3.751	1 H1-1b*
58	M34	L6X6X6	.165	14.37	24	.148	.464	Z		44225.023		10.965	21.912	2 H2-1
59	M201	PIPE 2.0	.162	3.611			3.611			22601.248		1.872	1.872	2 H1-1b
60	M198	PIPE_2.0	.162	3.611	6	.015	3.611		_	22601.248		1.872	1.872	2 H1-1b
61	M204	PIPE 2.0	.162	3.611	6	.015	3.611			22601.248		1.872	1.872	2 H1-1b
62	M127A	L6X6X6	.156	14.37	16	.156	.464			44225.023		10.965	21.7	2.8 H2-1
63	M226	L3X3X4	.154	3.628	10	.009	0			34858.79	46656	1.688	3.756	2 H2-1
64	M257	LL3x3x3x3	.154	3.583	9	.016	3.583			48063.396		5.543	3.751	1 H1-1b*
65	M122A	L6X6X6	.153	6.026		.158	.464	Z		44225.023		10.965	17.113	
66	MP2A	PIPE 2.0	.151	.563	5	.082	.563			20866.733		1.872	1.872	2 H1-1b
67	M227	L3X3X4	.151	3.628	6	.009	.151	У		34858.79	46656	1.688	3.756	2 H2-1
68	MP2B	PIPE 2.0	.145	.563	9	.081	.563			20866.733		1.872	1.872	1 H1-1b
69	MP2C	PIPE 2.0	.145	.563	1_	.077	.563		_	20866.733		1.872	1.872	2 H1-1b
70	MP1A	PIPE_2.0	.145	.813	<u>5</u>	.049	2.563		_	20866.733		1.872	1.872	2 H1-1b
71	MP3C	PIPE 2.0	.144	.563	5	.061	1.938			20866.733		1.872	1.872	2 H1-1b
72	MP3A	PIPE_2.0	.142	.563	9	.071	1.938			20866.733		1.872	1.872	2 H1-1b
73	MP1B	PIPE 2.0	.141	.813	9	.045	1.438			20866.733		1.872	1.872	1 H1-1b
74	MP3B	PIPE_2.0	.141	.563	1_	.065	1.938		_	20866.733		1.872	1.872	3 H1-1b
75	M228	L3X3X4	.141	3.628	2	.008	3.628	У	3	34858.79	46656	1.688	3.756	2 H2-1



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

	Member	Shape	Code Ch	. Loc[ft]	LC	Shear	. Loc[ft]	Dir	LC	phi*Pnc [l	phi*Pnt [lb]	phi*Mn y	.phi*Mn z	Cb Eqn	
76	M186	L2x1.5x3	.139	2.374	5	.019	0	Z	11	4480.595	20123.446	.346	.722	1 H2-1	1
77	MP1C	PIPE 2.0	.138	.813	1	.041	1.438		10	20866.733	32130	1.872	1.872	2 H1-1	b
78	M179	L2x1.5x3	.136	2.374	9	.020	4.748	Z	3		20123.446	.346	.722	1 H2-	1
79	M180	L2x1.5x3	.129	2.313	6	.019	4.627	У	11	4718.993	20123.446	.346	.771	1 H2-1	1
80	M101A	L2x1.5x3	.128	2.295	12	.032	4.687	Z	1	4598.156	20123.446	.346	.725	1 H2-1	1
81	MP4C	PIPE 2.0	.126	.813	5	.057	2.5		8	20866.733	32130	1.872	1.872	1 H1-1	b
82	MP4B	PIPE 2.0	.125	.813	1	.060	2.5		4	20866.733	32130	1.872	1.872	2 H1-1	b
83	MP4A	PIPE 2.0	.124	.813	9	.063	2.563			20866.733	32130	1.872	1.872	2 H1-1	b
84	M103A	L2x1.5x3	.123	2.313	2	.023	4.627	Z	19	4718.993	20123.446	.346	.771	1 H2-1	1
85	M173A	L2x1.5x3	.123	2.313	10	.018	0	У	3	4718.993	20123.446	.346	.771	1 H2-1	1
86	M175	L2x1.5x3	.122	2.295	8	.029	4.687	Z	9	4598.156	20123.446	.346	.725	1 H2-1	1
87	M117B	L6X6X6	.122	11.589	10	.129	6.181	У	8	44225.023	141912	10.965	18.322	1 H2-1	1
88	M116A	L6X6X6	.121	11.589	2	.125	6.181	У	12	44225.023	141912	10.965	18.326	1 H2-	1
89	M182	L2x1.5x3	.120	2.343	5	.030	0	Z	5	4598.156		.346	.725	1 H2-1	1
90	M35	L6X6X6	.109	11.589	6	.123	6.181	У	4	44225.023	141912	10.965	18.778	1 H2-	1
91	M102A	L2x1.5x3	.105	2.225	12	.027	0	У	1	5101.312	20123.446	.346	.779	1 H2-	1
92	M177	L2x1.5x3	.103	2.225	8	.025	0	У	9	5101.312	20123.446	.346	.779	1 H2-	1
93	M184	L2x1.5x3	.101	2.225	4	.025	4.45	٧	5	5101.312	20123.446	.346	.779	1 H2-1	1
94	M209	PIPE 2.5	.098	3.135	5	.041	14.035		17	11072.634	50715	3.596	3.596	3 H1-1	b
95	M219	PIPE 2.5	.096	3.135	9	.041	14.035		21	11072.634	50715	3.596	3.596	3 H1-1	b
96	M214	PIPE 2.5	.092	11.198	5	.041	14.035		13	11072.634	50715	3.596	3.596	2 H1-1	b
97	M264	L2x2x3	.085	1.948	5	.021	3.896	٧	10	10936.143	23392.8	.558	1.09	1 H2-1	1
98	M244	L2x2x3	.084	1.948	1	.024	0	Z	10	10936.143	23392.8	.558	1.09	1 H2-1	1
99	M261	L2x2x3	.082	1.948	9	.027	0	Z	6	10936.143	23392.8	.558	1.09	1 H2-1	1
100	M185	L2x2x3	.069	1.604	2	.005	0	Z	6	13967.803	23392.8	.558	1.136	1 H2-1	1
101	M174	L2x2x3	.065	1.604	12	.005	0	Z		13967.803		.558	1.136	1 H2-	
102	M103B	L2x2x3	.063	1.604	10	.006	0	Z	1	13967.803	23392.8	.558	1.136	1 H2-	1
103	M104A	L2x2x3	.062	1.604	5	.006	0	Z	12	13967.803	23392.8	.558	1.136	1 H2-	1
104	M181	L2x2x3	.060	1.604	7	.006	0	٧	4	13967.803	23392.8	.558	1.136	1 H2-1	1
105	M178	L2x2x3	.060	1.604	6	.006	0	V	10	13967.803	23392.8	.558	1.136	1 H2-1	1
106	M101B	L2x2x3	.053	1.604	1	.005	0	٧	6	13967.803	23392.8	.558	1.136	1 H2-1	1
107	M183	L2x2x3	.052	1.604	5	.005	0	z	10	13967.803	23392.8	.558	1.136	1 H2-1	1
108	M176	L2x2x3	.047	1.604	10	.006	0	Z	10	13967.803	23392.8	.558	1.136	1 H2-1	1
109	M170	L3X3X4	.024	1.698	8	.009	3.396	Z	7	36138.45	46656	1.688	3.585	1 H2-1	1
110	M161	L3X3X4	.024	1.698	12	.009	0	Z	11	36138.45	46656	1.688	3.585	1 H2-	1
111	M169	L3X3X4	.024	1.698	8	.009	0	Z	4	36138.45	46656	1.688	3.585	1 H2-1	1
112	M160	L3X3X4	.023	1.698	12	.009	0	У	7	36138.45	46656	1.688	3.585	1 H2-	1
113	M148	L3X3X4	.023	1.698	4	.009	3.396	ý	2	36138.45	46656	1.688	3.585	1 H2-1	1
114	M147	L3X3X4	.023	1.698	4	.010	3.396	У	11	36138.45	46656	1.688	3.585	1 H2-	1
115	M187C	PIPE 2.0	.006	1.224	4	.021	1.979		1	29810.292	32130	1.872	1.872	1 H1-1	b
116	M190	PIPE 2.0	.006	.521	24		1.979		8	29810.292	32130	1.872	1.872	1 H1-1	
117	M193	PIPE 2.0	.006	.521	20	.017	1.979		4	29810.292		1.872	1.872	1 H1-1	
118	M140A	PL3/8x4	.005	.5	12	.000	.5		24	41342.816		.38	4.05	2 H1-1	
119	M152	PL3/8x4	.005	.5	8	.000	.5	У	24	41342.816		.38	4.05	2 H1-1	b
120	M118A	PL3/8x4	.005	.5	10	.000	.5	У	22	41342.816		.38	4.05	2 H1-1	
121	M148B	PIPE 2.0	.004	1.375	6	.015	1.375			28843.414		1.872	1.872	3 H1-1	
122	M176A	PIPE 2.0	.004	1.375	11	.015	1.375			28843.414	32130	1.872	1.872	3 H1-1	
123	M162A	PIPE 2.0	.004	1.375	2	.015	1.375		5	28843.414	32130	1.872	1.872	3 H1-1	



Client:	Verizon Wireless	Date:	12/12/2023
Site Name:	MARLBOROUGH CT		
MDG #:	5000381595		
Fuze ID #:	16271973	Page:	1

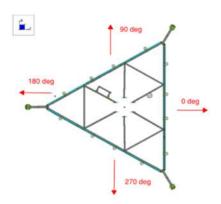
Version 2.00

I. Mount-to-Tower Connection Check

Custom Orientation Required

Yes

Nodes	Orientation
(labeled per Risa)	(per graphic of typical platform)
N218D	180
N9	180
N223	60
N224	60
N220	300
N221	300



Tower Connection Bolt Checks

Yes

Bolt Orientation

Bolt Quantity per Reaction:

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

Bolt Type:

Bolt Diameter (in):

Required Tensile Strength / bolt (kips):

Required Shear Strength / bolt (kips):

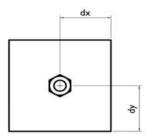
Tensile Capacity / bolt (kips):

Shear Capacity / bolt (kips):

Bolt Overall Utilization:

Perpendicular	

1
1
2.5
A325N
0.625
6.2
10.4
20.7
12.4
83.6%
·



NO MOMENT RESISTANCE

TOWER	Connection	Raconlata	Chocks

No



MOUNT MODIFICATION DRAWINGS **EXISTING 14.83' PLATFORM**

TOWER OWNER: CROWN CASTLE **TOWER OWNER SITE NUMBER: 806366**

CARRIER SITE NAME: MARLBOROUGH CT MDG NUMBER: 5000381595 **FUZE ID: 16271973**

> 43 N MAIN ST MARLBOROUGH, CT 06447 HARTFORD COUNTY

LATITUDE: 41.629792° N LONGITUDE: 72.466397° W

DESIGN CRITERIA

WIND LOADS

BASIC WIND SPEED (3 SECOND GUST), V = 125 MPH EXPOSURE CATEGORY B TOPOGRAPHIC CATEGORY I MEAN BASE ELEVATION (AMSL) = 577.07'

ICE LOADS

ICE WIND SPEED (3 SECOND GUST), V = 50 MPH ICE THICKNESS = 1.00 IN

SEISMIC LOADS

SEISMIC DESIGN CATEGORY B SHORT TERM MCER GROUND MOTION, S_S = .205 LONG TERM MCER GROUND MOTION, S_i = .056

PROJECT INFORMATION

APPLICANT/LESSEE

COMPANY: VERIZON WIRELESS

CLIENT REPRESENTATIVE

COMPANY: VERIZON WIRELESS

PROJECT MANAGER

COMPANY **COLLIERS ENGINEERING & DESIGN**

CONTACT

PETER.ALBANO@COLLIERSENGINEERING.COM F-MAII ·

CONTRACTOR PMI REQUIREMENTS

PMI LOCATION: SMART TOOL PROJECT #:

HTTPS://PMI.VZWSMART.COM 10215182

ANALYSIS DATE: 12/12/2023

5000381595

PMI REQUIREMENTS EMBEDDED WITHIN MOUNT MODIFICATION REPORT

Colliers Engineering & Design

verizon v



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SITE NAME:

MARLBOROUGH CT 5000381595

43 N MAIN ST MARLBOROUGH, CT 06447 HARTFORD CT

SHEET INDEX

SHEET DESCRIPTION

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SBOM-I BILL OF MATERIALS

SCF-I CLIMBING FACILITY DETAIL

SS-I MODIFICATION DETAILS

SS-2 MODIFICATION DETAILS

SPECIFICATION SHEETS

SGN-I GENERAL NOTES

SS-3 MOUNT PHOTOS

TITLE SHEET

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BILL OF MATERIALS

			S	ection 1 - vzwsmart kits		
QUANTITY	MANUFACTURER	PART NUMBER	DESCRIPTION	NOTES	UNIT WEIGHT (LBS.)	WEIGHT (LBS
3		VZWSMART-PLK3	SUPPORT RAIL CORNER BRACKET		30	90
I		VZWSMART-PLK5	KICKER KIT	CONTRACTOR TO VERIFY THE LENGTH REQUIRED AND TRIM AS NECESSARY IN ACCORDANCE WITH THE 'STRUCTURAL STEEL' NOTES ON SHEET SGN-1.	291	291
12		VZWSMART-MSK I	CROSSOVER PLATE		14	168
	VZWSMART					
	_					
			SECTI	ON 2 - OTHER REQUIRED PARTS		
QUANTITY	MANUFACTURER	PART NUMBER	DESCRIPTION	NOTES	UNIT WEIGHT (LBS.)	WEIGHT (LB
3	-	-	172" LONG, P2 1/2 STD	GALVANIZED	79	237
3	-	-	60" LONG, L3x3x1/4	GALVANIZED; CONTRACTOR TO VERIFY THE LENGTH REQUIRED AND TRIM AS NECESSARY IN ACCORDANCE WITH THE 'STRUCTURAL STEEL' NOTES ON SHEET SGN-I.	18	54
3	-	-	108" LONG, L2 1/2x2 1/2x3/16	GALVANIZED; CONTRACTOR TO VERIFY THE LENGTH REQUIRED AND TRIM AS NECESSARY IN ACCORDANCE WITH THE 'STRUCTURAL STEEL' NOTES ON SHEET SGN-I.	25	75
9	-	-	72" LONG, L2x2x3/16	GALVANIZED; CONTRACTOR TO VERIFY THE LENGTH REQUIRED AND TRIM AS NECESSARY IN ACCORDANCE WITH THE 'STRUCTURAL STEEL' NOTES ON SHEET SGN-1.	13	117
3	-	-	3/8" THICK CORNER PLATE	GALVANIZED; CONTRACTOR TO VERIFY THE LENGTH REQUIRED AND TRIM AS NECESSARY IN ACCORDANCE WITH THE 'STRUCTURAL STEEL' NOTES ON SHEET SGN-1.	10	30
3	-	-	6" LONG HSS 5X3X1/4	GALVANIZED	10	30
1	SITE PRO I	RM-ADK	LARGE DIAMETER ADAPTER ASSEMBLY	OR EOR APPROVED EQUAL, CONTACT MASER CONSULTING FOR APPROVAL OF SUBSTITUTION.	106	106
ı	SITE PRO I	LWRM	RING MOUNT ASSEMBLY	OR EOR APPROVED EQUAL, CONTACT MASER CONSULTING FOR APPROVAL OF SUBSTITUTION	264	264
=	-	-	I/2" DIA. A325N BOLTS	GALVANIZED	-	-
		_	10" LONG, L4X3X1/4 CLIP ANGLE	GALVANIZED	5	15
3	-					

NOTES:

- THE MANUFACTURERS LISTED ARE THE APPROVED VENDORS FOR THE VZW MOUNT KITS. EACH MANUFACTURER WILL BE AWARE OF WHICH KITS HAVE BEEN THROUGH THE VZW APPROVAL PROCESS AND THEY ARE IN TURN APPROVED TO SELL. PLEASE NOTE THAT THE MATERIAL UTILIZED ON THE MOUNT MODIFICATIONS WILL BE REVIEWED AS A PART OF THE DESKTOP PMI COMPLETED BY THE SMART TOOL VENDOR. IT WILL BE REQUIRED THAT THE VZW KITS SPECIFIED ARE UTILIZED IN THE MODIFICATIONS.
- 2. ALL MATERIALS REQUIRED FOR THE DESIGNED MODIFICATIONS BUT NOT LISTED IN THIS SHEET ARE ASSUMED TO BE PROVIDED BY THE CONTRACTOR.

VZWSMART KITS - APPROVED VENDORS

SITE PRO 1

PAULA.BOSWELL@VALMONT.COM

PAULA BOSWELL (972) 236-9843

WWW.SITEPROI.COM

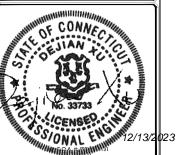
	COMMSCOPE		PERFECTVISION	
CONTACT	SALVADOR ANGUIANO	CONTACT	WIRELESS SALES	CONTACT
PHONE	(817) 304-7492	PHONE	(844) 887-6723	PHONE
EMAIL	SALVADOR.ANGUIANO@COMMSCOPE.COM	EMAIL	WWW.PERFECT-VISION.COM	EMAIL
WEBSITE	WWW.COMMSCOPE.COM	WEBSITE	WIRELESSSALES@PERFECT-VISION.COM	WEBSITE
N	METROSITE FABRICATORS, LLC		SABRE INDUSTRIES, INC.	
CONTACT	KENT RAMEY	CONTACT	ANGIE WELCH	
PHONE	(706) 335-7045 (O), (706) 982-9788 (M)	PHONE	(866) 428-6937	
EMAIL	KENT@METROSITELLC.COM	EMAIL	AKWELCH@SABREINDUSTRIES.COM	
WEBSITE	METROSITEFABRICATORS.COM	WEBSITE	WWW.SABRESITESOLUTIONS.COM	



Colliers Engineering & Design







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SITE NAME:

MARLBOROUGH CT 5000381595

43 N MAIN ST MARLBOROUGH, CT 06447 HARTFORD CT



BILL OF MATERIALS

SBOM-I

PROJECT NOTES

- I. SEE MODIFICATION NOTES
- 2. THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE CODES, ORDINANCES, LAWS AND REGULATIONS OF ALL MUNICIPALITIES, UTILITY COMPANIES OR OTHER PUBLIC/GOVERNING AUTHORITIES.
- 3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITS AND INSPECTIONS THAT MAY BE REQUIRED BY ANY FEDERAL, STATE, COUNTY OR MUNICIPAL AUTHORITIES.
- THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION MANAGER, IN WRITING, OF ANY CONFLICTS, ERRORS OR OMISSIONS PRIOR TO THE SUBMISSION OF BIDS OR PERFORMANCE OF WORK.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL EXISTING SITE IMPROVEMENTS PRIOR TO COMMENCING CONSTRUCTION. THE CONTRACTOR SHALL REPAIR ANY DAMAGE AS A RESULT OF CONSTRUCTION OF THIS FACILITY AT THE CONTRACTOR'S EXPENSE TO THE SATISFACTION OF THE OWNER
- 6. THE SCOPE OF WORK FOR THIS PROJECT SHALL INCLUDE PROVIDING ALL MATERIALS, EQUIPMENT AND LABOR REQUIRED TO COMPLETE THIS PROJECT. ALL EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
- THE CONTRACTOR SHALL VISIT THE PROJECT SITE PRIOR TO SUBMITTING THE BID TO VERIFY THAT THE PROJECT CAN BE CONSTRUCTED IN ACCORDANCE WITH THE CONTRACT DOCUMENTS AND CONSTRUCTION
- THE CONTRACTOR SHALL VERIFY ALL EXISTING DIMENSIONS AND CONDITIONS PRIOR TO COMMENCING ANY WORK. ALL DIMENSIONS OF EXISTING CONSTRUCTION SHOWN ON THESE DRAWINGS MUST BE VERIFIED. THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION MANAGER OF ANY DISCREPANCIES PRIOR TO ORDERING MATERIAL OR PROCEEDING WITH
- SINCE THE CELL SITE MAY BE ACTIVE, ALL SAFETY PRECAUTIONS MUST BE TAKEN WHEN WORKING AROUND HIGH LEVELS OF ELECTROMAGNETIC RADIATION. EQUIPMENT SHOULD BE SHUTDOWN PRIOR TO PERFORMING ANY WORK THAT COULD EXPOSE THE WORKERS TO DANGER PERSONAL RF EXPOSURE MONITORS ARE REQUIRED TO BE WORN TO ALERT OF ANY POTENTIALLY DANGEROUS EXPOSURE LEVELS.
- 10. NO NOISE, SMOKE, DUST OR ODOR WILL RESULT FROM THIS FACILITY AS TO
- II. THE FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION (NO HANDICAP ACCESS IS REQUIRED).

GENERAL NOTES

- THESE MODIFICATIONS HAVE BEEN DESIGNED IN ACCORDANCE WITH THE GOVERNING PROVISIONS OF THE TELECOMMUNICATIONS INDUSTRY STANDARD TIA-222-H. MATERIALS AND SERVICES PROVIDED BY THE CONTRACTOR SHALL CONFORM TO THE ABOVE MENTIONED CODES.
- 2 CONTRACTOR SHALL TAKE ALL PRECAUTIONS NECESSARY TO PREVENT DAMAGE TO EXISTING STRUCTURES. ANY DAMAGE TO EXISTING STRUCTURES AS A RESULT OF THE CONTRACTOR'S WORK OR FROM DAMAGE DUE TO OTHER CAUSES SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE TO THE SATISFACTION OF THE OWNER.
- CONTRACTOR SHALL VERIEY ALL DIMENSIONS AND EXISTING CONDITIONS BEFORE BEGINNING WORK, ORDERING MATERIAL, AND PREPARING OF SHOP DRAWINGS. ANY DISCREPANCIES BETWEEN FIELD CONDITIONS AND THE CONTRACT DOCUMENTS SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE ENGINEER. IF THE CONTRACTOR DISCOVERS ANY EXISTING CONDITIONS THAT ARE NOT REPRESENTED ON THESE DRAWINGS, OR ANY CONDITIONS THAT WOULD INTERFERE WITH THE INSTALLATION OF THE MODIFICATIONS, NOTIFY THE ENGINEER IMMEDIATELY.
- IT IS ASSUMED THAT ANY STRUCTURAL MODIFICATION WORK SPECIFIED ON THESE PLANS WILL BE ACCOMPLISHED BY KNOWLEDGEABLE WORKMEN WITH TOWER CONSTRUCTION EXPERIENCE.
- 5. THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK AND SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION METHODS, MEANS, TECHNIQUES, SEQUENCES, AND PROCEDURES.
- ALL CONSTRUCTION MEANS AND METHODS; INCLUDING BUT NOT LIMITED TO, ERECTION PLANS, RIGGING PLANS, CLIMBING PLANS, AND RESCUE PLANS SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR RESPONSIBLE FOR THE EXECUTION OF THE WORK CONTAINED HEREIN AND SHALL MEET ANSI/TIA-322 (LATEST EDITION), OSHA, AND GENERAL INDUSTRY STANDARDS. ALL RIGGING PLANS SHALL ADHERE TO ANSI/TIA-322 (LATEST EDITION) INCLUDING THE REQUIRED INVOLVEMENT OF A QUALIFIED ENGINEÉR FOR CLASS IV CONSTRUCTION.
- THE CONTRACTOR IS SOLELY RESPONSIBLE FOR INITIATING, MAINTAINING. AND SUPERVISING ALL SAFETY PROGRAMS IN ACCORDANCE WITH APPLICABLE SAFETY CODES.
- WORK SHALL ONLY BE PERFORMED DURING CALM DRY DAYS (WINDS LESS THAN 30-MPH). THE STRUCTURE SHOWN ON THE DRAWINGS IS STRUCTURALLY SOUND ONLY IN THE COMPLETED FORM. THE

- CONTRACTOR SHALL BE RESPONSIBLE FOR THE STRENGTH AND STABILITY OF THE STRUCTURE DURING ERECTION. CONTRACTOR SHALL PROVIDE TEMPORARY SUPPORT, SHORING, BRACING AND ANY OTHER STRUCTURAL SYSTEMS AS REQUIRED TO RESIST ALL FORCES THAT MAY OCCUR DURING HANDLING AND ERECTION UNTIL THE STRUCTURE IS FULLY COMPLETED. TEMPORARY SUPPORTS, BRACING AND OTHER STRUCTURAL SYSTEMS REQUIRED DURING CONSTRUCTION SHALL REMAIN THE CONTRACTOR'S PROPERTY AFTER THEIR USE.
- 9. ALL INSTALLATIONS PERFORMED ON THIS STRUCTURE SHALL BE COMPLETED IN ACCORDANCE WITH THE GOVERNING PROVISIONS OF THE STANDARD FOR INSTALLATION, ALTERATION AND MAINTENANCE OF ANTENNA SUPPORTING STRUCTURES AND ANTENNAS, ANSI/TIA-322.
- 10. CONTRACTOR SHALL SECURE SITE BACK TO EXISTING CONDITION UNDER SUPERVISION OF OWNER. ALL FENCE, STONE, GEOFABRIC, GROUNDING, AND SURROUNDING GRADE SHALL BE REPLACED AND REPAIRED AS REQUIRED TO ACHIEVE OWNER APPROVAL. POSITIVE DRAINAGE AWAY FROM TOWER SITE SHALL BE MAINTAINED.
- II. CONNECTIONS BETWEEN ITEMS SUPPORTED BY THE STRUCTURE AND THE STRUCTURE NOT SPECIFICALLY DETAILED IN THE CONTRACT DOCUMENTS ARE THE RESPONSIBILITY OF THE CONTRACTOR. SUCH CONNECTIONS SHALL BE DESIGNED, COORDINATED AND INSPECTED BY A PROFESSIONAL STRUCTURAL ENGINEER LICENSED IN THE STATE OF THE PROJECT. SUBMIT SIGNED AND SEALED CALCULATIONS DURING SHOP DRAWING REVIEW.
- 12 DO NOT SCALE DRAWINGS
- 13. DO NOT USE THESE DRAWINGS FOR ANY OTHER SITE.
- 14. ALL MATERIAL UTILIZED FOR THIS PROJECT MUST BE NEW AND FREE OF ANY DEFECTS, ANY MATERIAL SUBSTITUTIONS, INCLUDING BUT NOT LIMITED TO ALTERED SIZE AND/OR STRENGTHS, MUST BE APPROVED BY THE OWNER
- 15. THE MOUNT UNDER NO CIRCUMSTANCES SHOULD BE USED AS A TIE OFF

STRUCTURAL STEEL

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

CHANNELS, ANGLES, PLATES, ETC. ASTM A36 (GR 36) STEEL PIPE ASTM A53 (GR 35) ASTM A325 NUTS ASTM A563

LOCK WASHERS LOCKING STRUCTURAL GRADE

- 3. ALL SUBSTITUTIONS PROPOSED BY THE CONTRACTOR SHALL BE APPROVED IN WRITING BY THE ENGINEER. CONTRACTOR SHALL PROVIDE DOCUMENTATION TO ENGINEER FOR VERIFYING THE SUBSTITUTE IS SUITABLE FOR USE AND MEETS ORIGINAL DESIGN CRITERIA. DIFFERENCES FROM THE ORIGINAL DESIGN, INCLUDING MAINTENANCE, REPAIR AND REPLACEMENT, SHALL BE NOTED. ESTIMATES OF COSTS/CREDITS ASSOCIATED WITH THE SUBSTITUTION (INCLUDING RE-DESIGN COSTS AND COSTS TO SUB-CONTRACTORS) SHALL BE PROVIDED TO THE ENGINEER. CONTRACTOR SHALL PROVIDE ADDITIONAL DOCUMENTATION AND/OR SPECIFICATIONS TO THE ENGINEER AS REQUESTED.
- 4. PROVIDE STRUCTURAL STEEL SHOP DRAWINGS TO ENGINEER FOR APPROVAL PRIOR TO FABRICATION.
 - a. SUBMIT SHOP DRAWINGS TO

PETER.ALBANO@COLLIERSENGINEERING.COM

- b. PROVIDE MASER CONSULTING PROJECT # AND MASER CONSULTING PROJECT ENGINEER CONTACT IN THE BODY OF THE EMAIL.
- 5. DRILL NO HOLES IN ANY NEW OR EXISTING STRUCTURAL STEEL MEMBERS OTHER THAN THOSE SHOWN ON STRUCTURAL DRAWINGS WITHOUT THE APPROVAL OF THE ENGINEER OF RECORD.
- 6. GALVANIZED ASTM A325 BOLTS SHALL NOT BE REUSED.
- 7. ALL NEW STEEL SHALL BE HOT BE DIPPED GALVANIZED FOR FULL WEATHER PROTECTION. IN ADDITION ALL NEW STEEL SHALL BE PAINTED TO MATCH EXISTING STEEL. CONTRACTOR SHALL OBTAIN WRITTEN PERMISSION TO PROTECT STEEL BY ANY OTHER MEANS.
- CONTRACTOR SHALL PROTECT CUT ENDS OF ALL FIELD-CUT STEEL WITH TWO (2) COATS OF COLD GALVANIZATION (ZINGA OR ZINC COTE).
- ALL BOLT ASSEMBLIES FOR STRUCTURAL MEMBERS REPRESENTED IN THIS DRAWING REQUIRE LOCKING DEVICES TO BE INSTALLED IN ACCORDANCE WITH TIA-222-H SECTION 4.9.2 REOUIREMENTS.
- 10. WHERE CONNECTIONS ARE NOT FULLY DETAILED ON THESE DRAWINGS, FARRICATOR SHALL DESIGN CONNECTIONS TO RESIST LOADS AND FORCES WHERE SHOWN ON DRAWINGS AND AS OUTLINED IN SPECIFICATIONS.
- II. FOR MEMBERS BEING REPLACED, PROVIDE NEW BOLTS AND MATCH EXISTING SIZE AND GRADE. MAINTAIN AISC REQUIREMENTS FOR MINIMUM BOLT DISTANCE AND SPACING.

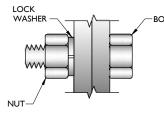
- 12. ALL PROPOSED AND/OR REPLACED BOLTS SHALL BE OF SUFFICIENT LENGTH SUCH THAT THE END OF THE BOLT IS AT LEAST FLUSH WITH THE FACE OF THE NUT. IT IS NOT PERMITTED FOR THE BOLT END TO BE BELOW THE FACE OF THE NUT AFTER TIGHTENING IS COMPLETED.
- 13. GALVANIZED ASTM A325 BOLTS SHALL NOT BE REUSED
- 14. ALL EXISTING PAINTED/GALVANIZED SURFACES DAMAGED DURING REHAB INCLUDING AREAS UNDER STIFFENER PLATES SHALL BE WIRE BRUSHED CLEAN, REPAIRED BY COLD GALVANIZING (ZINGA OR ZINC COTE), AND REPAINTED TO MATCH THE EXISTING FINISH (IF APPLICABLE).
- 15. ALL HOLES IN STEEL MEMBERS SHALL BE SIZED 1/16" LARGER THAN THE BOLT DIAMETER. STANDARD HOLES SHALL BE USED UNLESS NOTED OTHERWISE.

WELDING NOTES

- ALL WELDING SHALL BE DONE IN ACCORDANCE WITH AWS DI.0 (LATEST EDITION). THIS SHALL INCLUDE A CERTIFIED WELD INSPECTION (CWI) FOR ACCEPTÁNCE OR REIECTION OF ALL WELDING OPERATIONS, PRÈ, DÚRING AND POST INSTALLATION, USING THE ACCEPTANCE CRITERIA OF AWS D.I.
- CONTRACTOR IS RESPONSIBLE FOR COMMISSIONING A THIRD PARTY CERTIFIED WELD INSPECTOR (CWI) THROUGHOUT THE ENTIRETY OF THE PROJECT. A PASSING CWI REPORT SHALL BE PROVIDED TO THE ENGINEER UPON COMPLETION OF THE PROJECT.
- THE CERTIFIED WELD INSPECTOR SHALL INDICATE, IN A WRITTEN CWI REPORT, THAT ALL WELDING OPERATIONS PRE, DURING, AND POST INSTALLATION WERE CONDUCTED IN ACCORDANCE WITH AWS DI.I WITH PHOTOGRAPHS AND DOCUMENTATION SUPPORTING THE ACCEPTANCE OR REJECTION OF ALL WELDING. ALL CWI WELD INSPECTION DOCUMENTATION AND PHOTOS SHALL BE SUBMITTED DURING THE PMI.
- IN CASES WHERE A WELD IS SPECIFIED BETWEEN TWO MEMBERS IN WHICH THERE IS A GAP IN BETWEEN, THE WELD IS TO BE BUILT-UP SUCH THAT THE SIZE OF WELD ON THE MEMBER IS EQUAL TO THAT SHOWN IN THE
- 5. OXY FUEL GAS WELDING OR BRAZING IS STRICTLY PROHIBITED. SPECIFICALLY, NO TORCH CUTTING IS PERMITTED ON SITE, ALL HOLES SHALL BE CUT WITH A GRINDER
- 6. CONTRACTOR SHALL EXERCISE CAUTION WHEN WELDING A GALVANIZED SURFACE
- 7. CONTRACTOR SHALL HAVE A FIRE PROTECTION PLAN IN PLACE THAT CONFORMS WITH ALL OSHA, ANSI/ASSP A10.48, ANSI Z49.1, AND LOCAL JURISDICTIONAL REQUIREMENTS.

	BOLT SCHEDULE (IN.)				
BOLT DIAMETER	STANDARD HOLE	SHORT SLOT	MIN. EDGE DISTANCE	SPACING	
1/2	9/16	9/16 x 11/16	7/8	I I/2	
5/8	11/16	11/16 x 7/8	1 1/8	I 7/8	
3/4	13/16	13/16 x 1	1 1/4	2 1/4	
7/8	15/16	15/16 x 1 1/8	1 1/2	2 5/8	
1	1 1/16	1 1/16 x 1 5/16	I 3/4	3	

WORKABLE GAGES (IN.)		
LEG	GAGE	
4	2 1/2	
3 1/2	2	
3	I 3/4	
2 1/2	I 3/8	
2	1 1/8	

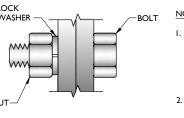


TYP. BOLT ASSEMBLY

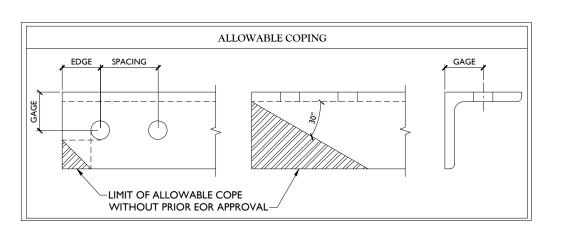
NOTES:

ALL DIMENSIONS REPRESENTED IN THE ABOVE TABLES ARE AISC MINIMUM REQUIREMENTS. CONTRACTOR SHALL VERIFY EXISTING CONDITIONS IN FIELD AND NOTIFY ENGINEER IF DISTANCES ARE LESS THAN THOSE PROVIDED.

4. MATCH EXISTING GAGES WHEN DISTANCES ARE COMPROMISED.



- 2. THE DIMENSIONS PROVIDED ARE MINIMUM REQUIREMENTS, ACTUAL DIMENSIONS OF PROPOSED MEMBERS WITHIN THESE DRAWINGS MAY VARY FROM THE AISC MINIMUM REQUIREMENTS.
- 3. SHORT SLOT HOLES SHALL ONLY BE USED WHEN DEPICTED IN THE DRAWINGS
- APPLICABLE UNLESS MINIMUM EDGE



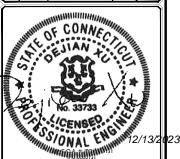




L STATES REQUIRE NOTIFICATION inow what's below. Call before you rig FOR STATE SP

PROTECT YOURSELE

REV DATE DESCRIPTION



JNLESS THEY ARE ACTING UNDER THE DIRECTION OF THE RESPONSIBLE LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT.

SITE NAME:

MARLBOROUGH CT 5000381595

43 N MAIN ST MARLBOROUGH, CT 06447 HARTFORD CT

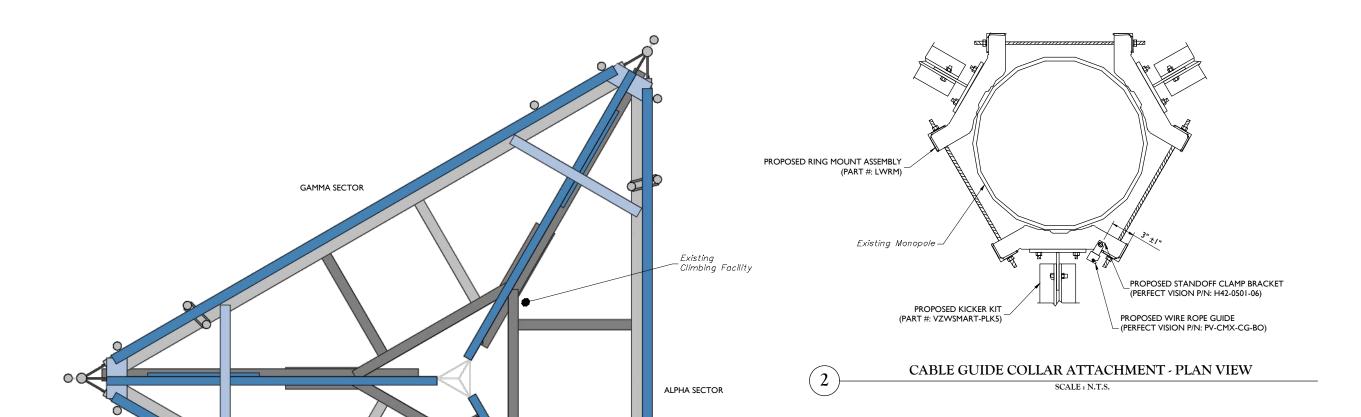


1055 Washington Bo

STAMFORD

MODIFICATION NOTES

NOTE: DO NOT SCALE DRAWINGS FOR CONSTRUCTIO





STRUCTURAL NOTES:

PER THE MOUNT MAPPING COMPLETED BY HUDSON DESIGN GROUP, LLC ON 3/25/2021, THE SAFETY CLIMB AND CLIMBING FACILITIES UP TO THE VERIZON MOUNT ELEVATION (156'-6") ARE IN GOOD CONDITION. MASER DOES NOT WARRANT THIS INFORMATION.

BETA SECTOR

CLIMBING FACILITY LOCATION

SCALE: N.T.S.

INSTALL SHALL NOT CAUSE HARM TO THE STRUCTURE, CLIMBING FACILITY, SAFETY CLIMB, OR ANY SYSTEM INSTALLED ON THE STRUCTURE. TIMELY NOTICE AND DOCUMENTATION SHALL BE PROVIDED BY CONTRACTORS TO THE EOR (OF STRUCTURAL DESIGN) IF AN OBSTRUCTION WAS REQUIRED TO MEET THE RF SYSTEM DESIGN REQUIREMENTS AND PERFORMANCES.

CLIMBING FACILITY PHOTO



SCALE:	AS SHO	WN	JOB NUMBER :	177712	1
$\overline{}$					
1	12/12/2023	ISSUED FOR CONSTRUCTION		CDH	DX
0	09/27/2021	ISSUED FOR CONSTRUCTION		CDH	DH
201	DITE	DESCRIPTION		DRAWN	CHECKED



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SITE NAME:

MARLBOROUGH CT 5000381595

43 N MAIN ST MARLBOROUGH, CT 06447 HARTFORD CT

CLIMBING FACILITY DETAIL

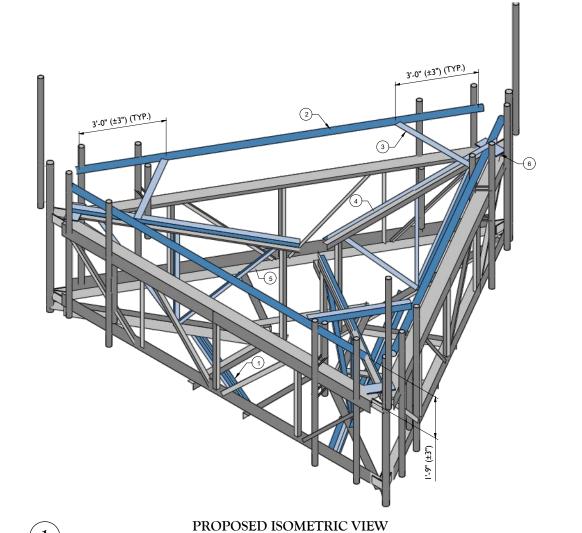
SCF-I

LEGEND:	
	PROPOSED
	RELOCATED
	EXISTING

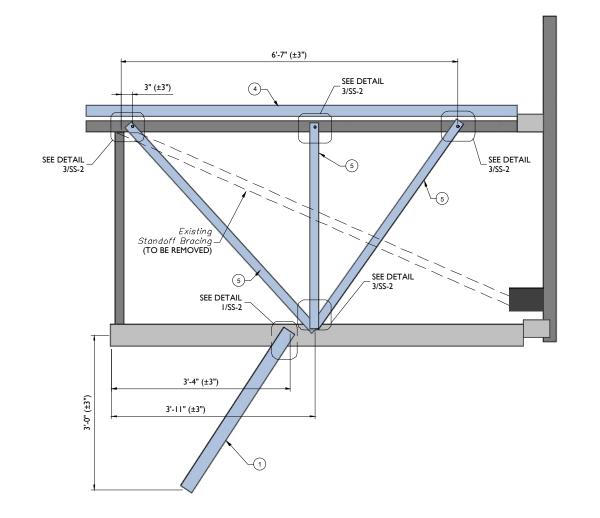
	MOUNT MODIFICATION SCHEDULE							
NO.	ELEVATION	QUANTITY	DESCRIPTION	NOTES				
I		ı	PROPOSED KICKER KIT (PART #: VZWSMART-PLK5)	CONTRACTOR TO VERIFY THE LENGTH REQUIRED AND TRIM AS NECESSARY IN ACCORDANCE WITH THE 'STRUCTURAL STEEL' NOTES ON SHEET SGN-I. SEE DETAIL I/SS-2 FOR CONNECTION TO EXISTING BOTTOM STANDOFF HORIZONTAL (UTILIZE 6" HSSSX3X1/4 SPACER AS NECESSARY). CONNECT OTHER END OF KICKER KIT TO MONOPOLE RING MOUNT ASSEMBLY (SITE PRO I PART #: LWRM, OR EOR APPROVED EQUAL) WITH LARGE DIAMETER ADAPTER (SITE PRO I PART #: RM-ADK). CONTACT COLLIERS ENGINEERING & DESIGN FOR APPROVAL OF SUBSTITUTION).	Copy infor contr distri			
2		3	172" LONG, P2 1/2 STD SUPPORT RAIL	CONTRACTOR TO VERIFY THE LENGTH REQUIRED AND TRIM AS NECESSARY IN ACCORDANCE WITH THE 'STRUCTURAL STEEL' NOTES ON SHEET SGN-I. RADIO AND/OR TME POSITIONS SHALL BE ADJUSTED VERTICALLY AS NEEDED IN ORDER TO ACHIEVE INSTALLATION OF HORIZONTAL AS SHOWN. EOR SHALL BE NOTIFIED IF EQUIPMENT NEEDS TO BE RELOCATED TO ANOTHER MOUNT PIPE. CONNECT NEW HORIZONTAL TO ALL EXISTING VERTICAL MOUNT PIPES WITH CROSSOVER PLATES (PART #: VZWSMART-MSKI).				
3	156'-6"	3	60" LONG, L3x3x1/4 BRACING	CONTRACTOR TO VERIFY THE LENGTH REQUIRED AND TRIM AS NECESSARY IN ACCORDANCE WITH THE 'STRUCTURAL STEEL' NOTES ON SHEET SGN-1., CONTRACTOR SHALL CONNECT PROPOSED L3X3X1/4 ANGLES TO CORNER BRACKETS (VZWSMART-PLK3) USING THE PROVIDED (8) 5/8" DIA. BOLTS, (4) BOLTS PER CONNECTION.	1			
4		3	108" LONG, L2 1/2x2 1/2x3/16 STANDOFF HORIZONTAL	CONTRACTOR TO VERIFY THE LENGTH REQUIRED AND TRIM AS NECESSARY IN ACCORDANCE WITH THE 'STRUCTURAL STEEL' NOTES ON SHEET SGN-I. CONNECT TO EXISTING ANGLE WITH I/2" DIA A325N BOLTS 12" C-C. ADD SHIM PLATES AS NECESSARY.				
5		9	72" LONG, L2x2x3/16 BRACING	CONTRACTOR TO VERIFY THE LENGTH REQUIRED AND TRIM AS NECESSARY IN ACCORDANCE WITH THE 'STRUCTURAL STEEL' NOTES ON SHEET SGN-I. CONNECT TO EXISTING TOP STANDOFF HORIZONTAL WITH (I) 1/2" DIA. A325N BOLT AT EACH CONNECTION. CONNECT TO BOTTOM STANDOFF HORIZONTAL VIA CLIP ANGLE (SEE DETAIL 2/SS-2).				
6		3	3/8" THICK. CORNER PLATE	INSTALL PROPOSED CORNER PLATE BETWEEN EXISTING TOP STANDOFF HORIZONTALS AND PROPOSED STANDOFF HORIZONTALS. CONTRACTOR TO FIELD VERIFY DIMENSION FOR FIT PRIOR TO CONSTRUCTION.				

MOUNT MEMBERS NOT SHOWN FOR CLARITY U.N.O.
INSTALL LARGE DIAMETER ADAPTER ASSMBLY (SITE PRO I PART #: RM-ADK OR EOR APPROVED EQUAL, CONTACT MASER CONSULTING FOR APPROVAL OF SUBSTITUTION). TO PROPOSED COLLAR MOUNT (PART #: VZWSMART-PLK7).

ALL BOLT HOLES SHALL BE PREPARED PER THE BOLT SCHEDULD ON SHEET SGN-1.



SCALE: N.T.S.



PROPOSED SIDE ELEVATION VIEW (TYP. ALL SECTORS)

SCALE : N.T.S.

Colliers Engineering & Design





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ı						
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ı	1		ISSUED FOR CONSTRUCTION	CDH	DX	
ı	0	09/27/2021	ISSUED FOR CONSTRUCTION	CDH	DH	
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SITE NAME:

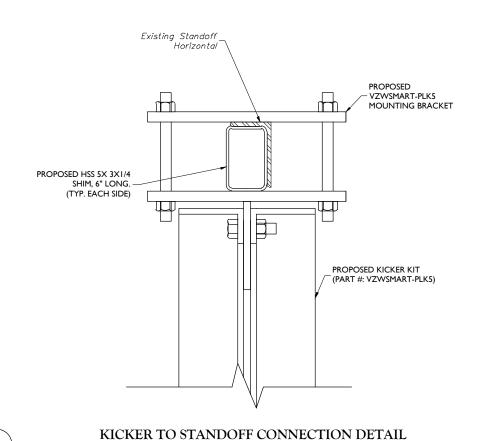
MARLBOROUGH CT 5000381595

43 N MAIN ST MARLBOROUGH, CT 06447 HARTFORD CT



MODIFICATION DETAILS

SS-I



SCALE: N.T.S.

 \bigcirc PROPOSED 1/2" A325N BOLT (TYP.) PROPOSED GUSSET PLATE (TYP.) — (SEE DETAIL 5\SS-2) LL V5X3.5X1/4-Standoff Horizon'tal 3

Existing Standoff Horizontal (Typ.)

Existing
LL V5X3.5X1/4
Standoff Horizontal

PROPOSED L2X2X3
BRACING ANGLE (TYP.)

NOTE:

TRIM GRATING TO WITHIN I" OF ANGLES.

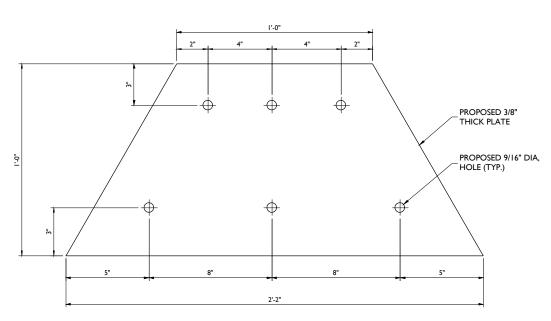
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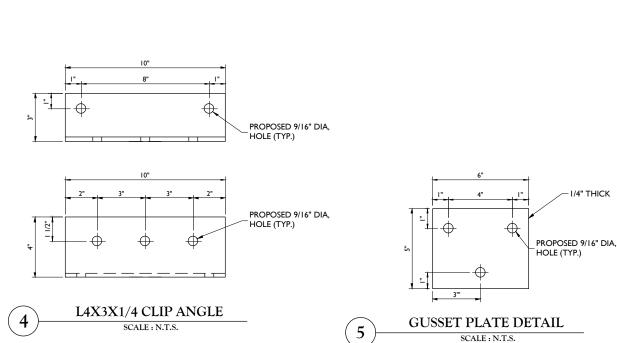
PROPOSED 10" LONG L4X3X1/4 CLIP ANGLE (SEE DETAIL 4\SS-2) 0

PROPOSED L2X2X3/16
BRACING ANGLE (TYP.)



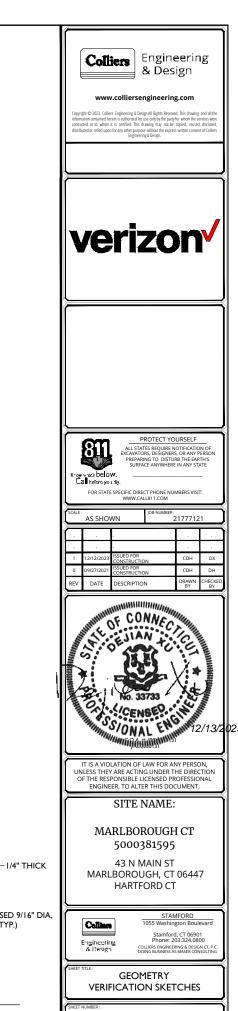
PROPOSED CORNER PLATE DETAIL

SCALE: N.T.S.



STANDOFF BRACING CONNECTION DETAIL

SCALE: N.T.S.



SS-2





MOUNT PHOTO 3





MOUNT PHOTO 4







SCALE:	AS SHO	WN	JOB NUMBER :	177712	1
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0	09/27/2021	ISSUED FOR CONSTRUCTIO	N	CDH	DH



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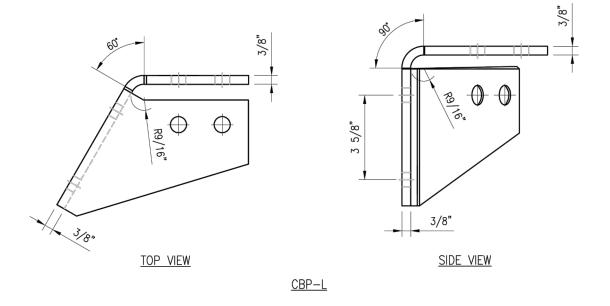
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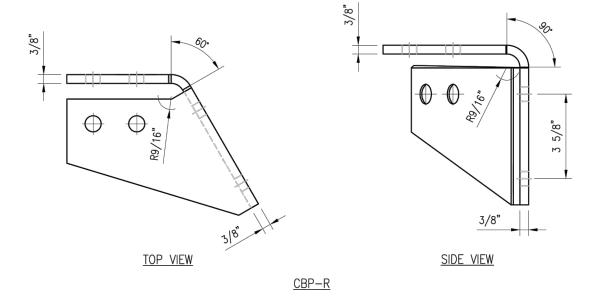
MARLBOROUGH CT 5000381595

43 N MAIN ST MARLBOROUGH, CT 06447 HARTFORD CT

MOUNT PHOTOS

SS-3





NOTES: 1. HOT-DIPPED GALVANIZED PER ASTM A123.

	VZWSMART-PLK3 (SUPPORT RAIL CORNER BRACKET)								
ITEM NO.	QTY.	PART NO.	DESCRIPTION	SHEET #	WT				
1	1	CBP-L	CORNER BENT PLATE BRACKET	PLK3-F1	9				
2	1	CBP-R	CORNER BENT PLATE BRACKET	PLK3-F1	9				
3	4	MS02-625-300-500	RU-BOLT 5/8" X 3" I.W. X 5" I.L. A36 (OR EQUIV.)	RBC-1	5				
4	8		BOLT 5/8" X 2" A325		3				
5	16	FW-625	5/8" HDG USS FLAT WASHER		1				
6	16	LW-625	5/8" HDG LOCK WASHER		0				
7	16	NUT-625	5/8" HDG HEX NUT		2				
GALVANIZED WT									

VzW SMART Tool[©] Vendor

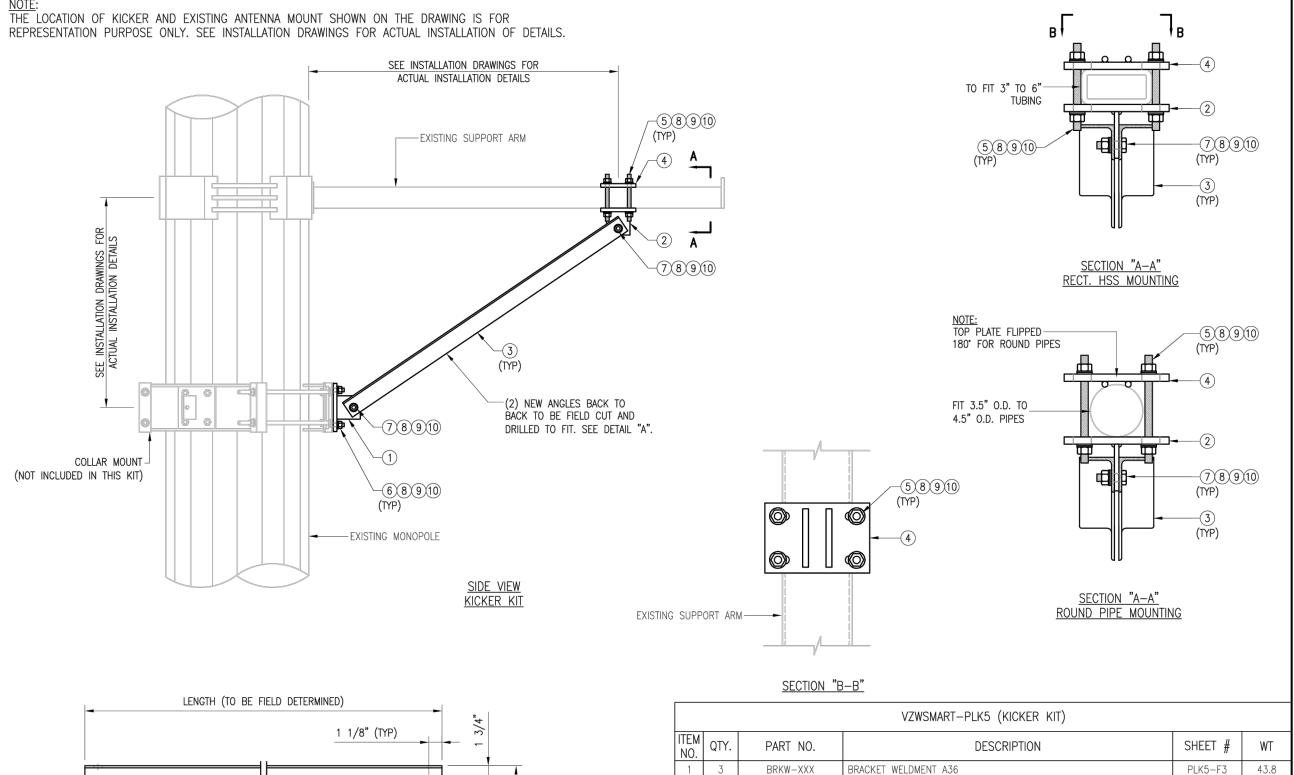


FOR REFERENCE ONLY

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REV. DESCRIPTION FIRST ISSUE		BY H.R	DATE 05/08/20
SHEET TITLE:			
VZWSMAI	RT-P	Ľk	(3
SUPPORT R	AIL (00	RNER

SHEET NUMBER:	REV #:
VZWSMART-PLK3	\cap

BRACKET



MOTEC.

1. ALL HOLES ARE 11/16" DIA. U.N.O

Ф

- 2. HOT-DIPPED GALVANIZED PER ASTM A123.
- 3. FIT UP TO 6" SQ. TUBING OR 4 1/2" O.D. PIPE

DETAIL "A"

-FIELD DRILL

11/16"ø HOLE

	VZWSMART-PLK5 (KICKER KIT)							
ITEM NO.	QTY.	PART NO.	DESCRIPTION	SHEET #	WT			
1	3	BRKW-XXX	BRACKET WELDMENT A36	PLK5-F3	43.8			
2	3	BRKW-XXXX	BRACKET WELDMENT A36	PLK5-F2	35.7			
3	6	L331875-8	L 3" X 3" X 3/16" X 8'-0" A36	PLK5-F4	182.9			
4	3	PL-KI	PL 5/8" X 6" X 9" A36	PLK5-F1	29.0			
5	12		THREADED ROD 5/8" DIA. X 1'-0" F1554-36 HDG					
6	6		BOLT 5/8" X 2" A325					
7	12		BOLT 5/8" X 2 1/2" A325					
8	42	FW-625	5/8" HDG USS FLAT WASHER		3			
9	42	LW-625	5/8" HDG LOCK WASHER		1			
10	42	NUT-625	5/8" HDG HEX NUT		5			
GALVANIZED WT								

VzW SMART Tool[©] Vendor



FOR REFERENCE ONLY

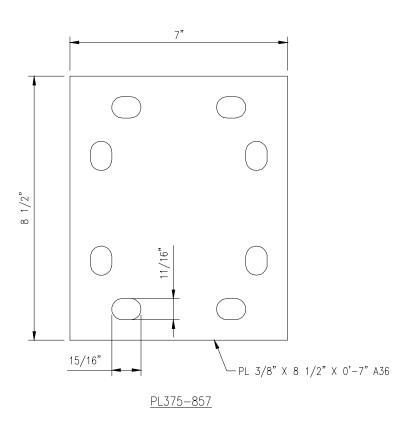
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\triangle _				

SHEET TITLE:

VZWSMART-PLK5 KICKER KIT

_	SHEET NUMBER:	REV #:
	VZWSMART-PLK5	()

FITS 2.375" O.D. AND 2.875" O.D. VERTICAL PIPE. (NOT INCLUDED IN THIS KIT) -2(3)(4)(5) FITS 2.375" O.D. AND 2.875" O.D. HORIZONTAL PIPE. (NOT INCLUDED IN THIS KIT) 2345



	VZWSMART-MSK1 (CROSSOVER PLATE)								
TEM NO.	QTY.	PART NO.	DESCRIPTION	SHEET #	WT	s			
1	1	PL375-857	PL 3/8" X 8 1/2" X 0'-7" A36	MSK1-F1	6				
2	4	MS02-625-300-500	RU-BOLT 5/8" X 3" I.W. X 5" I.L. A36 (OR EQUIV.)	RBC-1	5				
3	8	FW-625	5/8" HDG USS FLAT WASHER		1				
4	8	LW-625	5/8" HDG LOCK WASHER		0	<u> </u>			
5 8 NUT-625 5/8" HDG HEX NUT									
	GALVANIZED WT 14								

VzW SMART Tool® Vendor



FOR REFERENCE ONLY

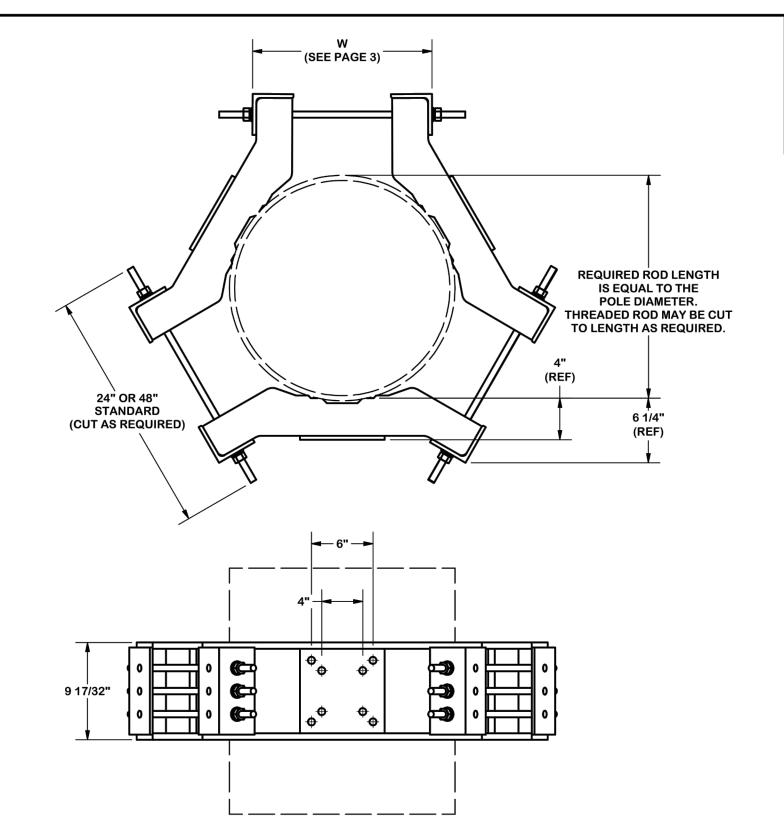
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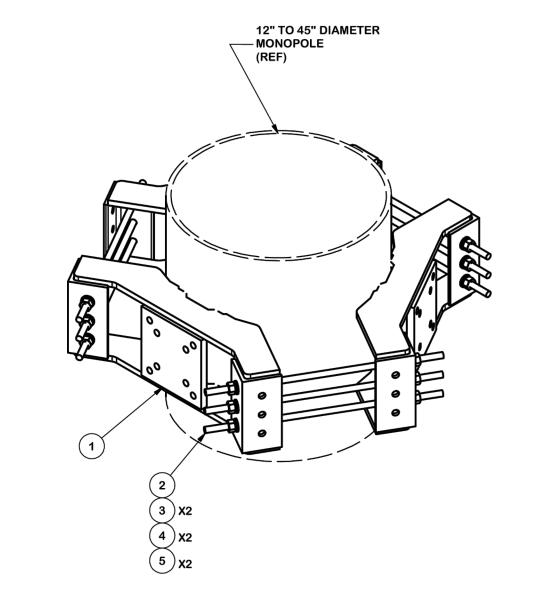
VZWSMART-MSK1 CROSSOVER PLATE

SHEET NUMBER:	REV #:
VZWSMART-MSK1	0

NOTES: 1. HOT-DIPPED GALVANIZED PER ASTM A123.



		PARTS LIST									
	ITEM	QTY	PART NO.	PART DESCRIPTION	LENGTH	UNIT WT.	NET WT.				
	1	3	X-LWRM	RING MOUNT WELDMENT		68.16	204.48				
	2	9	G58R-48	5/8" x 48" THREADED ROD (HDG.)		0.55	4.94				
	2	9	G58R-24	5/8" x 24" THREADED ROD (HDG.)		0.55	4.94				
	3	18	A58FW	5/8" HDG A325 FLATWASHER		0.03	0.61				
	4	18	G58LW	5/8" HDG LOCKWASHER		0.03	0.47				
	5	18	A58NUT	5/8" HDG A325 HEX NUT		0.13	2.34				
•						TOTAL WT. #	264.35				



TOLERANCE NOTES

TOLERANCES ON DIMENSIONS, UNLESS OTHERWISE NOTED ARE: SAWED, SHEARED AND GAS CUT EDGES (± 0.030")

DRILLED AND GAS CUT HOLES (± 0.030") - NO CONING OF HOLES LASER CUT EDGES AND HOLES (± 0.010") - NO CONING OF HOLES BENDS ARE ± 1/2 DEGREE

ALL OTHER MACHINING (± 0.030") ALL OTHER ASSEMBLY (± 0.060")

KC8 7/25/2012 DATE

CPD BY

A REDRAWN IN INV, UPDATED TABLES & VIEWS

DESCRIPTION OF REVISIONS

REVISION HISTORY

PROPRIETARY NOTE:
THE DATA AND TECHNIQUES CONTAINED IN THIS DRAWING ARE PROPRIETARY INFORMATION OF VALMONT
INDUSTRIES AND CONSIDERED A TRADE SECRET. ANY USE OR DISCLOSURE WITHOUT THE CONSENT OF
VALMONT INDUSTRIES IS STRICTLY PROHIBITED.

DESCRIPTION **RING MOUNT ASSEMBLY**

12" TO 45" DIAMETER POLE



Engineering Support Team: 1-888-753-7446

▲ valmont *** commy**

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

PD NO.		DRAWN BY	ENG. APPROVAL		PART NO.	
44	33	BMC 3/17/2009			LWRM	- o }
LASS	SUB	DRAWING USAGE	CHECKED BY		DWG. NO.	ן דין
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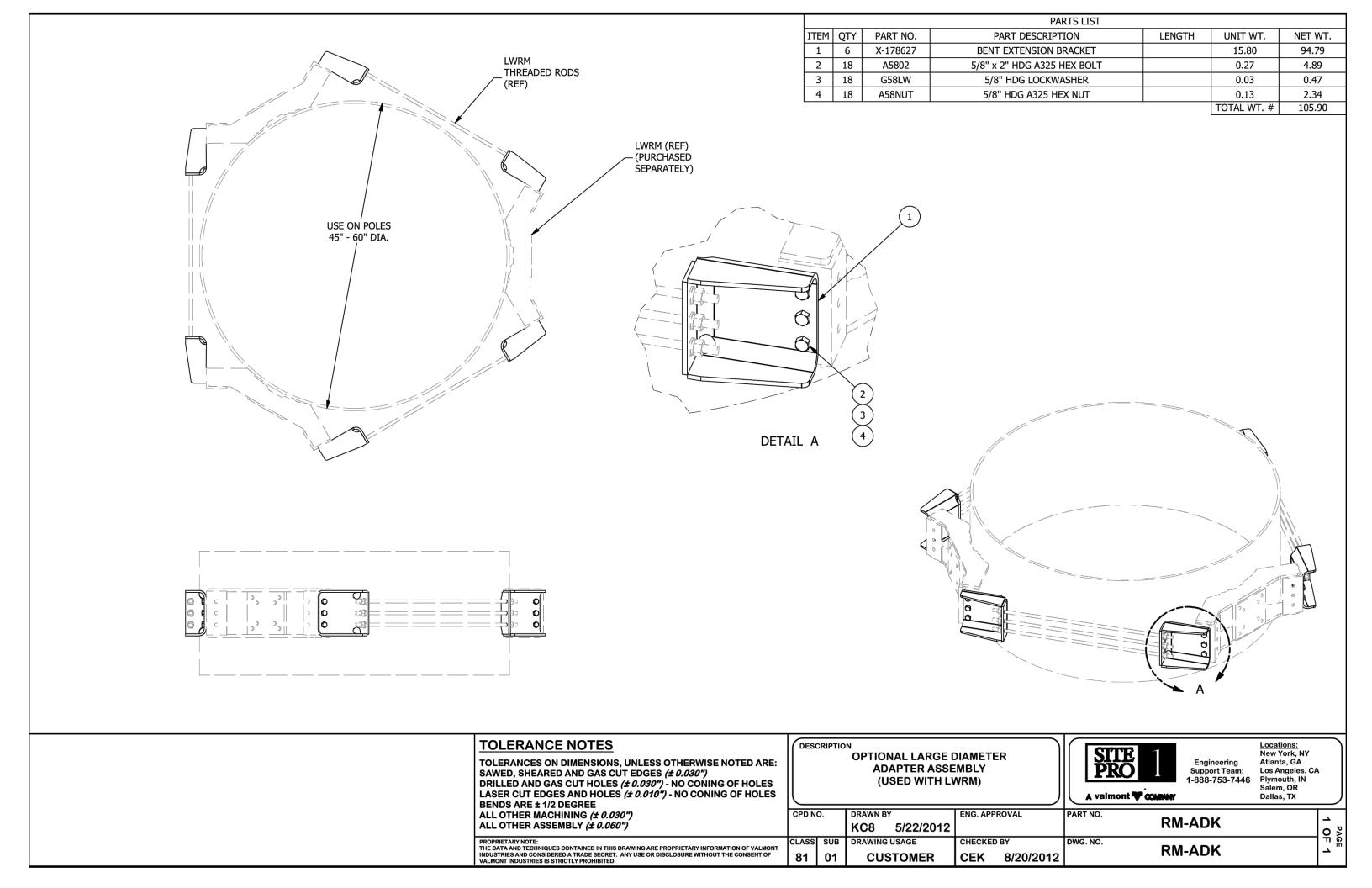


EXHIBIT G

Power Density / RF Emissions Report



Radio Frequency Emissions Analysis Report

Prepared for:





Crown Site ID: 806366_HRT 107(C) 943204

Verizon Wireless Site Name: Marlborough CT

Verizon Wireless FUZE ID: 16271973

Site Address: 73 North Main Street Marlborough, CT 06447

May 29, 2024

Fox Hill Telecom Project Number: 240148

Site Compliance Summary					
Compliance Status:	COMPLIANT				
Site total MPE% of FCC					
general population	14.35 %				
allowable limit:					



May 29, 2024

Crown Castle 1800 W. Park Drive Westborough, MA 01581

Emissions Analysis for:

Crown Castle Site: 806366 - HRT 107(C) 943204

Verizon Wireless Site: Marlborough CT

Fox Hill Telecom, Inc ("Fox Hill") was directed to analyze the proposed upgrades for Verizon Wireless to the Crown Castle facility located at **73 North Main Street, Marlborough, CT**, for the purpose of determining whether the emissions from the Proposed Verizon Wireless Antenna Installation, in addition to all existing radio systems located on this property, are within specified federal limits.

All information used in this report was analyzed as a percentage of current Maximum Permissible Exposure (% MPE) as listed in the FCC OET Bulletin 65 Edition 97-01and ANSI/IEEE Std C95.1. The FCC regulates Maximum Permissible Exposure in units of microwatts per square centimeter (μ W/cm²). The number of μ W/cm² calculated at each sample point is called the power density. The exposure limit for power density varies depending upon the frequencies being utilized. Wireless Carriers and Paging Services use different frequency bands each with different exposure limits, therefore it is necessary to report results and limits in terms of percent MPE rather than power density.

All results were compared to the FCC (Federal Communications Commission) radio frequency exposure rules, 47 CFR 1.1307(b)(1) - (b)(3), to determine compliance with the Maximum Permissible Exposure (MPE) limits for General Population/Uncontrolled environments as defined below.

General population/uncontrolled exposure limits apply to situations in which the general population may be exposed or in which persons who are exposed as a consequence of their employment may not be made fully aware of the potential for exposure or cannot exercise control over their exposure. Therefore, members of the general population would always be considered under this category when exposure is not employment related, for example, in the case of a telecommunications tower that exposes persons in a nearby residential area.



General population exposure to radio frequencies is regulated and enforced in units of microwatts per square centimeter (μ W/cm²). The general population exposure limits for the 700 MHz band & the 850 MHz cellular band are approximately 497 μ W/cm² and 586 μ W/cm² respectively. The general population exposure limit for the 1900 MHz (PCS), 2100 MHz (AWS), 3500 MHz (CBRS) and 3700 MHz (C band) frequency bands is 1000 μ W/cm². Because each carrier will be using different frequency bands, and each frequency band has different exposure limits, it is necessary to report the percentage of MPE rather than power density.

Occupational/controlled exposure limits apply to situations in which persons are exposed as a consequence of their employment and in which those persons who are exposed have been made fully aware of the potential for exposure and can exercise control over their exposure. Occupational/controlled exposure limits also apply where exposure is of a transient nature as a result of incidental passage through a location where exposure levels may be above general population/uncontrolled limits (see below), as long as the exposed person has been made fully aware of the potential for exposure and can exercise control over his or her exposure by leaving the area or by some other appropriate means.

Additional details can be found in FCC OET 65.



CALCULATIONS

Calculations were performed for the proposed upgrades to the Crown Castle facility for Verizon Wireless located at **73 North Main Street, Marlborough, CT**, using the equipment information listed below. All calculations were performed per the specifications under FCC OET 65 for far field modeling calculations.

In OET-65, plane wave power densities in the far field of an antenna are calculated by considering antenna gain and reflective waves that would contribute to exposure.

Since the radiation pattern of an antenna has developed in the **far field** region the power gain in specific directions needs to be considered in exposure predictions to yield an Effective Radiated Power (ERP) in each specific direction from the antenna. Also, since the vertical radiation pattern of the antenna is considered, the exposure calculations would most likely be reduced significantly at ground level, resulting in a more realistic estimate of the actual exposure levels. To determine a worst-case scenario at each point along the calculation radials, each point was calculated using the antenna gain value at each angle of incident and compared against the result using an isotropic radiator at the antenna height with the greater of the two used to yield the more pessimistic far field value for each point along the calculation radial.

Additionally, to model a truly "worst case" prediction of exposure levels at or near a surface, such as at ground-level or on a rooftop, reflection off the surface of antenna radiation power can be assumed, resulting in a potential 1.6 times increase in power density in calculating far field power density values.

With these factors considered, the worst case **far field prediction model** utilized in this analysis is determined by the following equation:

Equation 9 per FCC OET65 for Far Field Modeling

$$S = \frac{33.4 \ ERP}{R^2}$$

 $S = Power Density (in \mu w/cm^2)$

ERP = Effective Radiated Power from antenna (watts)

R = Distance from the antenna (meters)

Predicted far field power density values for all carriers identified in this report were calculated 6 feet above the ground level and are displayed as a percentage of the applicable FCC standards. All emissions values for other carriers were calculated using the same Far Field model outlined above, using industry standard radio configurations and frequency band selection based upon available licenses in this geographic area for emissions contribution estimates.



For each Verizon Wireless sector, the following channel counts, frequency bands and power levels were utilized as shown in *Table 1*:

Technology	Frequency Band	Channel Count	Transmit Power per Channel (W)
LTE	700 MHz	4	40
LTE / 5G	850 MHz	4	40
LTE	1900 MHz (PCS)	4	40
LTE	2100 MHz (AWS)	4	40
LTE	3500 MHz (CBRS)	4	25
5G	3700 MHz (C Band)	2	160

Table 1: Channel Data Table



The following **Verizon Wireless** antennas listed in *Table 2 – Antenna Data* were used in the modeling for transmission in the 700 MHz, 850 MHz, 1900 MHz (PCS), 2100 MHz (AWS), 3500 MHz (CBRS) and 3700 MHz (C Band) frequency bands. This is based on feedback from Verizon Wireless regarding anticipated antenna selection. Maximum gain values for all antennas are listed in *Table 3 – Verizon Wireless Inventory and Power Data* below.

			Antenna
	Antenna		Centerline
Sector	Number	Antenna Make / Model	(ft)
A	1	Commscope NHH-65B-R2B	159
A	2	Commscope NHHSS-65B-R2BT4	159
A	3	Samsung MT6413-77A	159
A	4	Commscope LNX-8513DS-A1M (Dormant)	159
В	1	Commscope NHH-65B-R2B	159
В	2	Commscope NHHSS-65B-R2BT4	159
В	3	Samsung MT6413-77A	159
В	4	Commscope LNX-6514DS-A1M (Dormant)	159
С	1	Commscope NHH-65B-R2B	159
С	2	Commscope NHHSS-65B-R2BT4	159
С	3	Samsung MT6413-77A	159
C	4	Commscope LNX-6514DS-A1M (Dormant)	159

Table 2: Antenna Data

All calculations were done with respect to uncontrolled / general population threshold limits.



RESULTS

Per the calculations completed for the proposed Verizon Wireless configurations *Table 3* shows resulting emissions power levels and percentages of the FCC's allowable general population limit.

					Total TX		
Antenna			Antenna	Channel	Power		
ID	Antenna Make / Model	Frequency Bands	Gain (dBd)	Count	(W)	ERP (W)	MPE %
Antenna	Commscope	700 MHz / 850 MHz	12.75 / 12.85				
A1	NHH-65B-R2B	/ 1900 MHz (PCS)	/ 15.75	12	480	12,111.28	1.21
Antenna	Commscope	2100 MHz (AWS) /					
A2	NHHSS-65B-R2BT4	3500 MHz (CBRS)	15.85 / 15.55	8	260	9,742.69	0.40
Antenna	Samsung						
A3	MT6413-77A	3700 MHz (C Band)	23.15	2	320	66,092.16	2.12
	Commscope						
Antenna	LNX-8513DS-A1M						
A4	(Dormant)	NA	NA	0	0	0.00	0.00
				Se	ector A Comp	osite MPE%	3.73
Antenna	Commscope	700 MHz / 850 MHz	12.75 / 12.85				
B1	NHH-65B-R2B	/ 1900 MHz (PCS)	/ 15.75	12	480	12,111.28	1.21
Antenna	Commscope	2100 MHz (AWS) /					
B2	NHHSS-65B-R2BT4	3500 MHz (CBRS)	15.85 / 15.55	8	260	9,742.69	0.40
Antenna	Samsung						
В3	MT6413-77A	3700 MHz (C Band)	23.15	2	320	66,092.16	2.12
	Commscope						
Antenna	LNX-6514DS-A1M						
B4	(Dormant)	NA	NA	0	0	0.00	0.00
Sector B Composite MPE%						3.73	
Antenna	Commscope	700 MHz / 850 MHz	12.75 / 12.85				
C1	NHH-65B-R2B	/ 1900 MHz (PCS)	/ 15.75	12	480	12,111.28	1.21
Antenna	Commscope	2100 MHz (AWS) /					
C2	NHHSS-65B-R2BT4	3500 MHz (CBRS)	15.85 / 15.55	8	260	9,742.69	0.40
Antenna	Samsung						
C3	MT6413-77A	3700 MHz (C Band)	23.15	2	320	66,092.16	2.12
	Commscope						
Antenna	LNX-6514DS-A1M						
C4	(Dormant)	NA	NA	0	0	0.00	0.00
Sector C Composite MPE%						3.73	

Table 3: Verizon Wireless Inventory and Power Data table



Table 4: All Carrier MPE Contributions shows all additional identified carriers on site and their emissions contribution estimates, along with the newly calculated maximum Verizon Wireless far field emissions contributions per this report. FCC OET 65 specifies that for carriers utilizing directional antennas the highest recorded sector value be used for composite site emissions values due to their greatly reduced emissions contributions in the directions of the adjacent sectors. For this site, all three Verizon Wireless sectors have the same configuration yielding the same results for all three sectors. Table 5 below shows a summary for each Verizon Wireless Sector as well as the composite estimated emissions value for the site.

Site Composite MPE%				
Carrier	MPE%			
Verizon Wireless – Max Per Sector Value	3.73 %			
AT&T	4.68 %			
T-Mobile	3.08 %			
Dish	2.86 %			
Site Total MPE %:	14.35 %			

Table 4: All Carrier MPE Contributions

Verizon Wireless Sector A Total:	3.73 %
Verizon Wireless Sector B Total:	3.73 %
Verizon Wireless Sector C Total:	3.73 %
Site Total:	14.35 %

Table 5: Site MPE Summary



Table 6 below details a breakdown by frequency band and technology for the MPE power values for the maximum calculated Verizon sector(s). For this site, all three Verizon Wireless sectors have the same configuration yielding the same results for all three sectors.

Verizon Wireless _ Frequency Band / Technology Max Power Values (Per Sector)	# Channels	Watts ERP (Per Channel)	Height (feet)	Total Power Density (µW/cm²)	Frequency (MHz)	Allowable MPE (µW/cm²)	Calculated % MPE
Verizon Wireless 700 MHz LTE	4	753.46	159	2.63	700 MHz	497	0.53%
Verizon Wireless 850 MHz LTE / 5G	4	771.01	159	2.52	850 MHz	586	0.43%
Verizon Wireless 1900 MHz (PCS) LTE	4	1,503.35	159	2.50	1900 MHz (PCS)	1000	0.25%
Verizon Wireless 2100 MHz (AWS) LTE	4	1,538.37	159	2.50	2100 MHz (AWS)	1000	0.25%
Verizon Wireless 3500 MHz (CBRS) LTE	4	897.30	159	1.50	3500 MHz (CBRS)	1000	0.15%
Verizon Wireless 3700 MHz (C Band) 5G	2	33,046.08	159	21.20	3700 MHz (C Band)	1000	2.12%
						Total:	3.73 %

Table 6: Verizon Wireless Maximum Sector MPE Power Values



Summary

All calculations performed for this analysis yielded results that were **within** the allowable limits for general population exposure to RF Emissions.

The anticipated maximum composite contributions from the Verizon Wireless facility as well as the site composite emissions estimates value with regards to compliance with FCC's allowable limits for general population exposure to RF Emissions are shown here:

Verizon Wireless Sector	Power Density Value (%)		
Sector A:	3.73 %		
Sector B:	3.73 %		
Sector C:	3.73 %		
Verizon Wireless Maximum	3.73 %		
Total (per sector):	2.73 /0		
Site Total:	14.35 %		
_			
Site Compliance Status:	COMPLIANT		

The estimated composite emissions value for this site, assuming all carriers present, is **14.35** % of the allowable FCC established general population limit sampled at the ground level. This is based upon the far field calculations performed for all carriers identified in this report.

FCC guidelines state that if a site is found to be out of compliance (over allowable thresholds), that carriers over a 5% contribution to the composite value will require measures to bring the site into compliance. For this facility, the composite estimated values calculated were well within the allowable 100% threshold standard per the federal government.

Scott Heffernan

Principal RF Engineer
Fox Hill Telecom, Inc

Worcester, MA 01609

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EXHIBIT H

Recipient Mailing Records

From:

TrackingUpdates@fedex.com

To:

Bachi, Jenifer

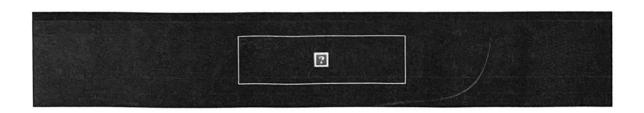
Subject:

FedEx Shipment 776623361332: Your package has been delivered / 806366 - Dir of Planning

Date:

Friday, May 31, 2024 12:22:36 PM

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.



Hi. Your package was delivered Fri, 05/31/2024 at 12:14pm.



OBTAIN PROOF OF DELIVERY

How was your delivery?











TRACKING NUMBER 776623361332

FROM KING OF PRUSSIA, PA, US

TO MARLBOROUGH, CT, US

SHIP DATE Thu 5/30/2024 06:00 PM

DELIVERED TO Shipping/Receiving

PACKAGING TYPE FedEx Pak

ORIGIN KING OF PRUSSIA, PA. US

DESTINATION MARLBOROUGH, CT. US

SPECIAL HANDLING Deliver Weekday

NUMBER OF PIECES 1

TOTAL SHIPMENT WEIGHT 1.00 LB

?

SERVICE TYPE FedEx Priority Overnight

Absolutely, positively committed to you

Every delivery deserves extra care. Even if it means one of our drivers takes on the role of ringbearer for a customer's wedding. We'll work to make your next delivery special too.

WATCH FEDEX IN ACTION

From:

TrackingUpdates@fedex.com

To:

Bachi, Jenifer

Subject:

FedEx Shipment 776623289115: Your package has been delivered / 806366 - Town Mgr

Date: Friday, May 31, 2024 12:22:31 PM

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.



Hi. Your package was delivered Fri, 05/31/2024 at 12:14pm.

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OBTAIN PROOF OF DELIVERY

How was your delivery?











TRACKING NUMBER 776623289115

FROM KING OF PRUSSIA, PA, US

TO MARLBOROUGH, CT, US

SHIP DATE Thu 5/30/2024 06:00 PM

DELIVERED TO Shipping/Receiving

PACKAGING TYPE FedEx Pak

ORIGIN KING OF PRUSSIA, PA, US

DESTINATION MARLBOROUGH, CT, US

SPECIAL HANDLING Deliver Weekday

NUMBER OF PIECES 1

TOTAL SHIPMENT WEIGHT 1.00 LB

SERVICE TYPE FedEx Priority Overnight

Absolutely, positively committed to you

Every delivery deserves extra care. Even if it means one of our drivers takes on the role of ringbearer for a customer's wedding. We'll work to make your next delivery special too.

WATCH FEDEX IN ACTION

ORIGIN ID:KPDA (610) 6
JENIFER BACHI
CROWN CASTLE
3200 HORIZON DRIVE
SUITE 150
KING OF PRUSSIA, PA 19406
UNITED STATES US

(610) 635-3221 SHIP DATE: 31MAY24 ACTWGT: 2.00 LB

CAD: 104924192/INET4730

BILL SENDER

TO MELANIE A. BACHMAN, EXEC DIRECTOR CONNECTICUT SITING COUNCIL 10 FRANKLIN SQUARE

583J4/C458/9AE3

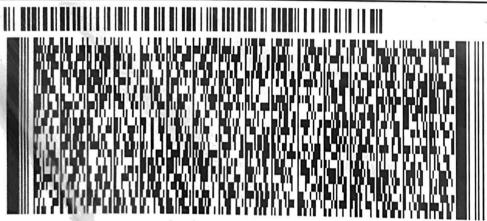
NEW BRITAIN CT 06051

(860) 827-2935

REF: 1766.668

PO: 806366_VERIZOI

DEPT





7766 2338 8442

MON - 03 JUN 10:30A PRIORITY OVERNIGHT

K7 BDLA

06051 ct-us BDL

