

Northeast Site Solutions Denise Sabo 4 Angela's Way, Burlington CT 06013 203-435-3640 denise@northeastsitesolutions.com

November 15, 2021

Members of the Siting Council Connecticut Siting Council Ten Franklin Square New Britain, CT 06051

RE: Exempt Modification Application

350 Hartland Blvd, East Hartland, CT 06027

Latitude: 41.977083 Longitude: -72.887861 Site #: 857014 Crown VZW

Dear Ms. Bachman:

Verizon Wireless is requesting to file an exempt modification for an existing tower located at 350 Hartland Blvd, East Hartland, CT 06027. Verizon Wireless currently maintains twelve (12) antennas at the 110-foot level of the existing 120-foot tower. The property is owned by Marlene Jung and the tower is owned by Crown Castle. Verizon now intends to replace six (6) antennas and add three (3) antennas. The new antennas would be installed at the 110-foot level of the tower. This modification includes B2, B5 hardware that is both 4G (LTE), and 5G capable. Antenna mount modifications will be completed as per the attached Maser mount analysis dated August 13, 2021.

Verizon Planned Modifications:

Remove:

(6) 1-5/8" Coax

Remove and Replace:

- (3) BXA-171085-12BF Antennas (REMOVE) (3) NHHSS-65B-R2B Antennas (REPLACE)
- (3) BXA-70063-6CF Antennas (REMOVE) (3) NNH-65B-R2B Antennas (REPLACE)
- (3) Nokia B13 RRH (REMOVE) (3) Samsung RF4440D-13A (REPLACE)

Install New:

- (3) MT6407-77A Antennas
- (3) Samsung RT4401-48A
- (3) Samsung RT4439D-25A
- (2) Raycap RRFDC-3315-PF-48 OVP
- (2) Hybrid Line

Existing to Remain:

- (6) ANTEL Antennas
- (6) 1-5/8" Coax



The facility was approved by the Connecticut Siting Council in Docket No. 312 on May 17, 2006. Please see attached.

Please accept this letter as notification pursuant to Regulations of Connecticut State Agencies § 16- SOj-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-SOj-73, a copy of this letter is being sent to Magi Winslow, First Selectman, and Scott Eisenlohr, Zoning Enforcement Officer for the Town of Hartland. A copy is also being sent to the tower owner and property owner.

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

- 1. The proposed modifications will not result in an increase in the height of the existing structure.
- 2. The proposed modifications will not require the extension of the site boundary.
- 3. The proposed modifications will not increase noise levels at the facility by six decibels or more, or to levels that exceed state and local criteria.
- 4. The operation of the replacement antennas will not increase radio frequency emissions at the facility to a level at or above the Federal Communications 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, Verizon Wireless respectfully submits that the proposed modifications to the above referenced telecommunications facility constitute an exempt modification under R.C.S.A. § 16-50j-72(b)(2).

Sincerely,

Denise Sabo

Mobile: 203-435-3640 Fax: 413-521-0558

Office: 4 Angela's Way, Burlington CT 06013 E-mail: denise@northeastsitesolutions.com



Cc: Magi Winslow, First Selectman Town of Hartland 22 South Rd, East Hartland, CT 06027

Scott Eisenlohr, Zoning Enforcement Officer Town of Hartland 22 South Rd, East Hartland, CT 06027

Marlene Jung PO Box 658, Simsbury, CT 06070-0658

Crown Castle, Tower Owner

Exhibit A

Original Facility Approval

DOCKET NO. 312 – New Cingular Wireless PCS, LLC }
application for a Certificate of Environmental Compatibility and
Public Need for the construction, maintenance and operation of a }
telecommunications facility at 350 Hartland Boulevard in
Hartland, Connecticut.

Council

May 17, 2006

Decision and Order

Pursuant to the foregoing Findings of Fact and Opinion, the Connecticut Siting Council (Council) finds that the effects associated with the construction, operation, and maintenance of a telecommunications facility including effects on the natural environment; ecological integrity and balance; public health and safety; scenic, historic, and recreational values; forests and parks; air and water purity; and fish and wildlife are not disproportionate either alone or cumulatively with other effects when compared to need, are not in conflict with the policies of the State concerning such effects, and are not sufficient reason to deny the application and therefore directs that a Certificate of Environmental Compatibility and Pubic Need, as provided by General Statutes § 16-50k, be issued to New Cingular Wireless PCS, LLC for the construction, maintenance and operation of a wireless telecommunications facility to be located at 350 Hartland Boulevard in Hartland, Connecticut.

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

- 1. The tower shall be designed as a monopole and shall be constructed no taller than 120 feet above ground level to provide telecommunications services to both public and private entities. The height of the tower may be extended upon a petition to the Council.
- 2. The location of the tower shall be moved 20 to 30 feet to the north of the location proposed in Cingular's application, and the tower shall be designed with a yield point to effectively maintain a setback radius on the lessor's property.
- 3. The Certificate Holder shall prepare a Development and Management (D&M) Plan for this site in compliance with Sections 16-50j-75 through 16-50j-77 of the Regulations of Connecticut State Agencies. The D&M Plan shall be served on the Town of Hartland and all parties and intervenors, as listed in the service list, and submitted to and approved by the Council prior to the commencement of facility construction and shall include:
 - a) a final site plan(s) of site development to include specifications for the tower, tower foundation, antennas mountings, equipment building, access road, utility line, and landscaping; and
 - b) construction plans for site clearing, water drainage, and erosion and sedimentation control consistent with the <u>2002 Connecticut Guidelines for Soil Erosion and Sediment Control</u>, as amended.

- 4. The Certificate Holder shall, prior to the commencement of operation, provide the Council worst-case modeling of electromagnetic radio frequency power density of all proposed entities' antennas at the closest point of uncontrolled access to the tower base, consistent with Federal Communications Commission, Office of Engineering and Technology, Bulletin No. 65, August 1997. The Certificate Holder shall ensure a recalculated report of electromagnetic radio frequency power density is submitted to the Council in the event other carriers locate at this facility or if circumstances in operation cause a change in power density above the levels calculated and provided pursuant to this Decision and Order.
- 5. 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.
- 6. 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.
- 7. The Certificate Holder shall provide reasonable space on the tower for no compensation for any municipal antennas, provided such antennas are compatible with the structural integrity of the tower.
- 8. If the facility authorized herein is not fully constructed and providing wireless services within eighteen months from the date of the mailing of the Council's Findings of Fact, Opinion, and Decision and Order (collectively called "Final Decision"), this Decision and Order shall be void, and the Certificate Holder shall dismantle the tower and remove all associated equipment or reapply for any continued or new use to the Council before any such use is made. The time between the filing and resolution of any appeals of the Council's Final Decision shall not be counted in calculating this deadline.
- 9. If the facility ceases to provide wireless services for a period of one year, this Decision and Order shall be void, and the Certificate Holder shall dismantle the tower and remove all associated equipment or reapply for any continued or new use to the Council before any such use is made.
- 10. Any antenna that becomes obsolete and ceases to function shall be removed within 60 days after such antennas become obsolete and cease to function.
- 11. Any request for extension of the time periods referred to in Conditions 8, 9, and 10 shall be filed with the Council not later than sixty days prior to the expiration date of this Certificate and shall be served on all parties and intervenors and the Town of Hartland, as listed in the service list. Any proposed modifications to this Decision and Order shall likewise be so served.

Docket 312: Hartland Decision and Order Page 3

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

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 <u>Hartford Courant</u> and Torrington's <u>Register-Citizen</u>.

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 party to this proceeding is:

| Status Granted | Status Holder (name, address & phone number) | Representative (name, address & phone number) |
|----------------|--|--|
| Applicant | New Cingular Wireless PCS, LLC 500 Enterprise Drive Rocky Hill, CT 06067 | Christopher B. Fisher, Esq. Cuddy & Feder LLP 90 Maple Avenue White Plains, NY 10601 (914) 761-1300 (914) 761-6405 Fax |

Exhibit B

Property Card

JUNG MARLENE D

HARTLAND BLVD 350

Printed 09/21/2020 Card No. 1

of 3

107

ADMINISTRATIVE INFORMATION

PARCEL NUMBER 29-23-013

Parent Parcel Number

Property Address HARTLAND BLVD 350

Neighborhood 1 East Hartland

Property Class

107 Multiple Dwellings TAXING DISTRICT INFORMATION

Jurisdiction 065

Routing Number 98100225

Site Description

Topography: High, Rolling

Public Utilities:

Electric

Street or Road: Paved

Neighborhood:

Zoning:

8.3000

R-ILegal Acres:

JUNG MARLENE D PO BOX 658 SIMSBURY, CT 06070-0658

Census Tract: 3301

Tax ID 29-23-013

12/03/2003 DRENA FRANK F Bk/Pg: 74, 27 06/14/1994

TRANSFER OF OWNERSHIP

Bk/Pg: 57, 869 NA

Bk/Pg: 45, 342

\$220000 \$0

\$142000

Value

63710

14850

RESIDENTIAL

VALUATION RECORD

Date

10/02/1986

10/01/2011 10/01/2015 10/01/2009 Assessment Year 10/01/2005 10/01/2008 Reason for Change 2005 2011 Reval 2015 Reval Use Chg BAA VALUATION 362160 160240 150090 Ĺ 98900 415960 Market Value В 208980 208980 208980 423780 807100 T 957190 307880 624940 571140 584020 VALUATION L 291170 112170 105070 69230 253510 70% Assessed/Use B 146290 146290 146290 296660 564970 215520 437460 399800 408830 670040

LAND DATA AND CALCULATIONS

Adjusted

Rate

Rating Measured Table Prod. Factor Soil ID Acreage -or-Depth Factor -or--or-

6.1880

0.1120

Effective Actual Effective -or-Land Type Square Feet Frontage Frontage Depth 2.0000 1 Homesite

1.00 31856.00 31856.00 1.00 2400.00 2400.00 1.00 638636.36 638636.36

Base

Rate

63710 14850 71530

Extended

Value

71530

Influence

Factor

G: GENERAL NOTES LAND TYPE 61 ADDED 11/08. CELL TOWER ON .112 ACRES AS INCOME PROPERTY. SEE FILE FOR FMV COMPUTATION. ADDED CELL TOWER AS PRIMARY COMMERCIAL FOR .112 ACRES.

2 Res Excess Acres

3 Primary Commercial

CORRECTED CELL TOWER LAND TYPE VALUE TO \$263,600 PER BAA DECISION 3/20/2010. CELL TOWER VALUE CHANGED FOR 2015 GL. L: LAND NOTES

SEE V82/P604 & V82/P608 FOR EASEMENTS GRANTED TO CL&P AND SNET FOR CONSTRUCTION OF A CELL TOWER

Supplemental Cards

TRUE TAX VALUE

150090

Permit Number Type

FilingDate Est. Cost Field Visit Est. SqFt

Supplemental Cards TOTAL LAND VALUE

150090

PHYSICAL CHARACTERISTICS

Style: Ranch

Occupancy: Single family

Story Height: Finished Area: Attic:

1342 None Full

Basement:

ROOFING Material: Metal Standing Seam

Type: Gable

Framing: Std for class Pitch: Not available

FLOORING Slab B, 1.0

1.0 Carpet

EXTERIOR COVER Vinyl

INTERIOR FINISH 1.0 Drywall

ACCOMMODATIONS Finished Rooms

Bedrooms Formal Dining Rooms Fireplaces: 1 1

HEATING AND AIR CONDITIONING Primary Heat: Hot Water - oil

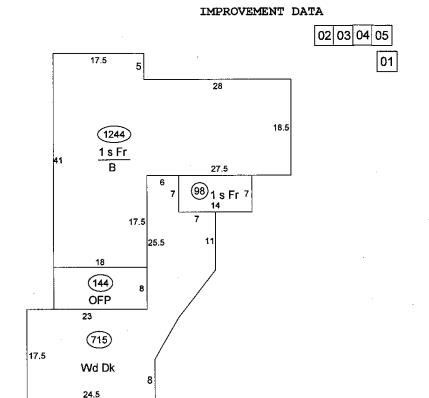
Lower Full Part 1 Upper Upper 1342 0 0 /Bsmt 0 1342 Air Cond

1.0

PLUMBING

3 Fixt. Baths Kit Sink 1 Water Heat TOTAL

REMODELING AND MODERNIZATION Amount Date





(LCM: 100.00)

| Description Value D:FP-CUST 5000 | 0 D DWELL 01 SHEDGP 02 BARN2STY 03 SHEDGP | 0.00 GG 1.00 1 At 2.00 1 At | d- 1950 1985 AV rg 1993 1993 AV | | s Rate Area | Value Depr 86 190790 2 | ObsolMarket % Depr Adj Com | |
|----------------------------------|--|-----------------------------------|--|-------------------|------------------------------------|--------------------------------------|--|--|
| D :FP-CUST 5000 | 01 SHEDGP 02 BARN2STY 03 SHEDGP | 1.00 1 Av 2.00 1 Av | rg 1993 1993 AV | | | | | 100 14309 |
| | 04 LEANTO 05 LEANTO | 1.00 O Fa | g 1950 1950 AV g 1950 1950 AV nir 1950 1950 FR air 1950 1950 FR | 25.00 N 6.95 N | 25.00 31x 25.00 12x 5.91 13x | 31 24030 5 31 9300 5 31 2380 7 | 80 0 100 65 0 100 55 0 100 70 0 100 70 0 100 | 100 308 100 1081 100 419 100 71 100 99 |
| | Data Collector | /Date Appr | aiser/Date | Ne | eighborhood | Supplemental TOTAL IMPROVE | | 162870 |

IMPROVEMENT DATA

PHYSICAL CHARACTERISTICS

Style: Cottage (year round) Occupancy: Single family

Story Height: Finished Area: 1.0 546

Attic: Basement: None Full

ROOFING Material: Asphalt Shingles Gable

Type:

Framing: Std for class Pitch: Not available

FLOORING

Slab B, 1.0

Carpet

EXTERIOR COVER Wood Shingle

1.0 INTERIOR FINISH

1.0 Drywall

ACCOMMODATIONS

Finished Rooms Bedrooms

HEATING AND AIR CONDITIONING Primary Heat: Electric Baseboard

Lower Full Part /Bsmt 1 Upper Upper

1.0

PLUMBING

3 Fixt. Baths 3 Kit Sink 1 Water Heat TOTAL

REMODELING AND MODERNIZATION Amount Date

21

2 c Bsmt G

(LCM: 100.00)

| SPECIAL FEA | TURES | | SUMMARY OF IMPROVEMENTS | | | | | | | | | | | | | | |
|-------------|-------|----|-------------------------|------|---------------------|------------------------|------|--------------|---------------|---------------------|------|--------|-----------------------|---|-----|-----|-------|
| Description | Value | ID | Use | | Const Type Grade | Year Eff Const Year | | Base Rate | Feat- ures | Adj Size Rate Ar | | | Phys Obso Depr Dep | | | | Value |
| | | D | DWELL | 0.00 | Avg | 1950 198 | 0 FR | 0.00 | И | 0.00 | 1092 | 2 6701 | 0 34 | 0 | 100 | 100 | 44230 |

DB 08/19/2010

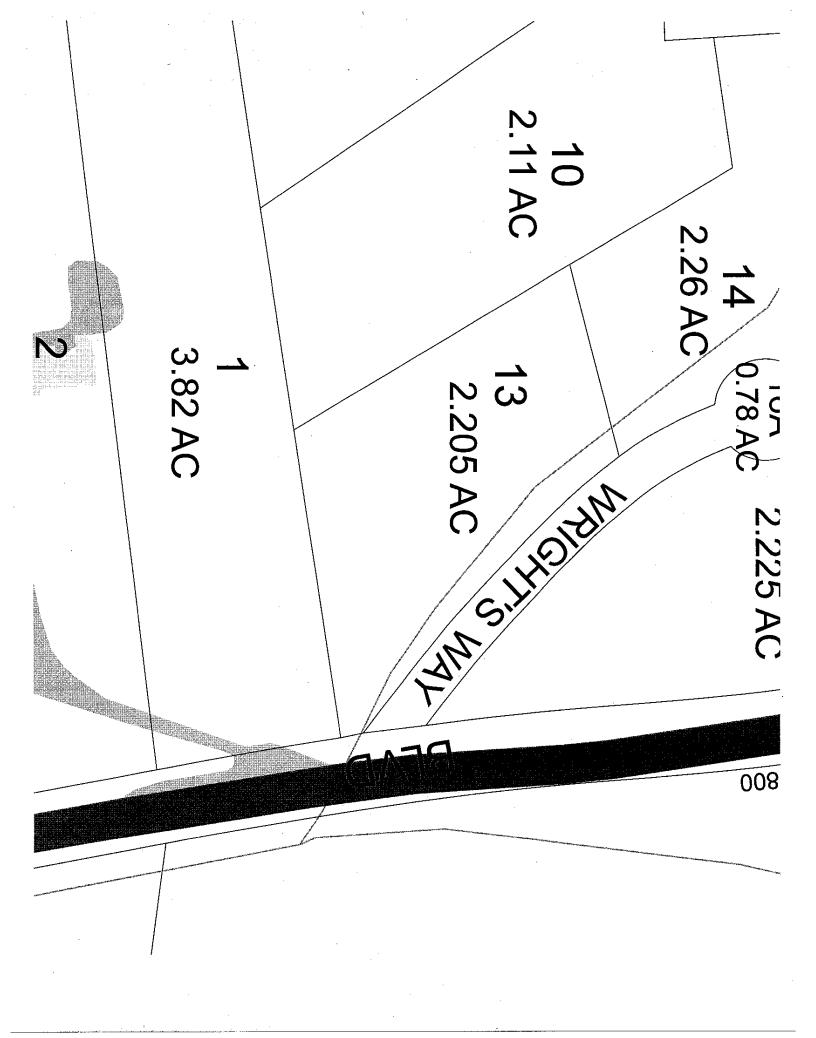


Exhibit C

Construction Drawings



VERIZON SITE NUMBER: 324062

HARTLAND SECT **VERIZON SITE NAME:**

SITE TYPE: MONOPOLE

120'-0" **TOWER HEIGHT:**

BUSINESS UNIT #: 857014

LOCATION MAP

350 HARTLAND BLVD **SITE ADDRESS:** EAST HARTLAND, CT 06027

HARTFORD COUNTY:

JURISDICTION: **TOWN OF HARTLAND**

VERIZON 5G L-SUB6-CARRIER ADD

SITE INFORMATION HARTLAND-HARTLAND BLVD

CROWN CASTLE USA INC.

SITE ADDRESS: 350 HARTLAND BLVD EAST HARTLAND, CT 06027

COUNTY: HARTFORD MAP/PARCEL#: 002419604 AREA OF CONSTRUCTION: EXISTING LATITUDE: 41° 58' 37.4916"" LONGITUDE -72° 53' 16.3284' LAT/LONG TYPE: NAD83

GROUND ELEVATION: 928 FT CURRENT ZONING:

JURISDICTION: TOWN OF HARTLAND

OCCUPANCY CLASSIFICATION: U TYPE OF CONSTRUCTION:

A.D.A. COMPLIANCE: FACILITY IS UNMANNED AND NOT FOR

PROPERTY OWNER:

TOWER OWNER:

CROWN CASTLE 2000 CORPORATE DRIVE CANONSBURG, PA 15317

CARRIER/APPLICANT

VERIZON WIRELESS 20 ALEXANDER DRIVE, 2ND FLOOR

WALLINGFORD, CT 06492

ELECTRIC PROVIDER

NORTHEAST UTILITIES

TELCO PROVIDER:

| | DRAWING INDEX |
|-------|-------------------|
| HEET# | SHEET DESCRIPTION |
| Т 1 | TITLE SHEET |

| | SHEET# | SHEET DESCRIPTION |
|---|--------|---------------------------------|
| ı | T-1 | TITLE SHEET |
| | T-2 | GENERAL NOTES |
| | C-1 | SITE PLAN |
| | C-2 | TOWER ELEVATION & ANTENNA PLANS |
| | C-3 | EQUIPMENT SCHEDULES |
| | C-4 | EQUIPMENT DETAILS |
| | C-5 | EQUIPMENT DETAILS |
| | C-6 | EQUIPMENT DETAILS |
| | C-7 | PLUMBING DIAGRAM |
| | G-1 | GROUNDING DETAILS |
| ı | G-2 | GROUNDING DETAILS |
| ı | | |
| ı | | |

ALL DRAWINGS CONTAINED HEREIN ARE FORMATTED FOR 1X17. CONTRACTOR SHALL VERIFY ALL PLANS AND EXISTIN DIMENSIONS AND CONDITIONS ON THE JOB SITE AND SHAL IMMEDIATELY NOTIFY THE ENGINEER IN WRITING OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK OF BE RESPONSIBLE FOR SAME

APPROVALS

SIGNATURE DATE

PROJECT TEAM

A&E FIRM: CROWN CASTLE USA INC. 2000 CORPORATE DRIVE

CANONSBURG, PA 15317 CROWNAE.APPROVAL@CROWNCASTLE.COM

1200 MACARTHUR BLVD, SUITE 200

CROWN CASTLE USA INC. DISTRIC MAHWAH, NJ 07430 CONTACTS:

WILLIAM GATES - PROJECT MANAGER WILLIAM.GATES@CROWNCASTLE.COM

ANDREW LEONE VERIZON

ALEONE@STRUCTURECONSULTING.NET

CONTRACTOR PMI REQUIREMENTS

PMI ACCESSED AT https://pmi.vxwsmart.com SMART TOOL VENDOR

PROJECT NUMBER 10094224 VzW LOCATION CODE (PSLC) 535827

*** PMI AND REQUIREMENTS ALSO EMBEDDED IN MOUNT

MOUNT MODIFICATION REQUIRED

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

DRIVING DIRECTIONS FROM VERIZON LOCAL OFFICE (20 ALEXANDER DRIVE, WALLINGFORD, CT 06492); HEAD SOUTH TOWARD ALEXANDER DR. SLIGHT RIGHT TOWARD ALEXANDER DR, TURN RIGHT TOWARD ALEXANDER DR, TURN RIGHT ONTO ALEXANDER DR, TURN RIGHT ONTO BARNES INDUSTRIAL PARK RD, TURN RIGHT ONTO CT-68 E, CONTINUE STRAIGHT TO STAY ON CT-68 E, SHARP LEFT TO MERGE ONTO I-91 N TOWARD HARTFORD, KEEP RIGHT TO STAY ON I-91 N, USE THE RIGHT 2 LANES TO TAKE EXIT 40 FOR CT-20 TOWARD BRADLEY INTERNATIONAL AIRPORT, CONTINUE ONTO CT-20 W, TAKE THE CT-20 W EXIT TOWARD E GRANBY/GRANBY, CONTINUE ONTO CT-20 W, SLIGHT LEFT ONTO CT-20 W/W GRANBY RD

CONTINUE TO FOLLOW CT-20 W 350 HARTLAND BLVD WILL BE ON THE RIGHT

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 MECHANICAL ELECTRICAL

REFERENCE DOCUMENTS:

STRUCTURAL ANALYSIS: BY OTHERS

DATED:

MOUNT ANALYSIS: MASER CONSULTING CONNECTICUT

DATED: 08/13/2021 RFDS REVISION: 0

DATED: 07/28/2021 ORDER ID: 585190

CALL CONNECTICUT ONE CALL ON 922-4455 CBYD.COM

PROJECT DESCRIPTION

THE PURPOSE OF THIS PROJECT IS TO ENHANCE BROADBAND CONNECTIVITY AND CAPACITY TO THE EXISTING ELIGIBLE

TOWER SCOPE OF WORK:

- REMOVE (6) ANTENNAS
- REMOVE (3) RRHs • INSTALL (9) ANTENNAS
- INSTALL (3) DUAL ANTENNA MOUNTS
- INSTALL (2) JUNCTION BOXES • INSTALL MOUNT MODIFICATIONS PER MOUNT MODIFICATION
- DRAWINGS BY MASER CONSULTING CONNECTICUT DATED 08/13/2021

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







VERIZON SITE NUMBER: 324062

BU #: **857014** HARTLAND-HARTLAND BLVD

350 HARTLAND BLVD EAST HARTLAND, CT 06027

EXISTING 120'-0" MONOPOLE

| _ | | | | | | | | | | |
|-------------|------------|------|--------------|---------|--|--|--|--|--|--|
| ISSUED FOR: | | | | | | | | | | |
| REV | DATE | DRWN | DESCRIPTION | DES./QA | | | | | | |
| 0 | 09/29/2021 | CP | CONSTRUCTION | DG | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |



IT IS A VIOLATION OF LAW FOR ANY PERSON. NLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER,

CROWN CASTLE USA INC. SITE ACTIVITY REQUIREMENTS:

- NOTICE TO PROCEED- NO WORK SHALL COMMENCE PRIOR TO CROWN CASTLE USA INC. WRITTEN NOTICE TO PROCEED (NTP) AND THE ISSUANCE OF A PURCHASE ORDER. PRIOR TO ACCESSING/ENTERING THE SITE YOU MUST CONTACT THE CROWN CASTLE USA INC. NOC AT 800-788-7011 & THE CROWN CASTLE
- "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 REINFUNCEMENTS, AND/OR EQUIPMENT INSTALLATIONS SHALL NOT COMPROMISE THE INTEGRIT 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 CLIM 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
- ALL SITE WORK TO COMPLY WITH DAS-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." 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.
- PROCEEDING WITH ANY SUCH CHANGE OF INSTALLATION.
 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.
- RECOMMENDATIONS UNLESS SPECIFICALLY STATED OTHERWISE.

 9. 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) CONSTRUCTION SAFFTY PROCEDURES
- CONSTRUCTION SAFETY PROCEDURES.
 ALL SITE WORK SHALL BE AS INDICATED ON THE STAMPED CONSTRUCTION DRAWINGS AND PROJECT
 SPECIFICATIONS, LATEST APPROVED REVISION.
 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.
 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.
- 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.
- THE SITE SHALL BE GRADED TO CAUSE SURFACE WATER TO FLOW AWAY FROM THE CARRIER'S EQUIPMENT
- 16. THE SUB GRADE SHALL BE COMPACTED AND BROUGHT TO A SMOOTH UNIFORM GRADE PRIOR TO FINISHED SURFACE APPLICATION.
- 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.
- CONTRACTOR SHALL MINIMIZE DISTURBANCE TO EXISTING SITE DURING CONSTRUCTION FROSION CONTRO SURES, IF REQUIRED DURING CONSTRUCTION, SHALL BE IN CONFORMANCE WITH THE LOCAL GUIDELINES. EROSION AND SEDIMENT CONTROL.
- THE CONTRACTOR SHALL PROTECT EXISTING IMPROVEMENTS, PAVEMENTS, CURBS, LANDSCAPING AND STRUCTURES. ANY DAMAGED PART SHALL BE REPAIRED AT CONTRACTOR'S EXPENSE TO THE SATISFACTION
- 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.

 CONTRACTOR SHALL LEAVE PREMISES IN CLEAN CONDITION. TRASH AND DEBRIS SHOULD BE REMOVED.
- FROM SITE ON A DAILY BASIS.
- 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
 CARRIER: VERIZON
 - OWER OWNER: CROWN CASTLE USA INC.
- 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 MISCELLANFOLIS WORK NOT EXPLICITLY SHOWN
- 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 HE SEPRESENTATIVE WILL NOT INCLUDE
 INSPECTION OF THESE ITEMS AND IS FOR STRUCTURAL OBSERVATION OF THE FINISHED STRUCTURE ONLY.
- INSPECTION OF HESE HEMS AND IS FOR STRUCTURAL OBSERVATION OF THE HINISHED 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 DISCREPANCES COCUR BETWEEN PLANS, DETAILS,
 GENERAL NOTES, AND SPECIFICATIONS, THE GREATER, MORE STRICT REQUIREMENTS, SHALL GOVERN. IF FURTHER
 CLAFIFICATION IS REQUIRED CONTACT THE ENGINEER OF RECORD,
 SUBSTANTIAL EFFORT HAS BEEN MADE TO PROVIDE ACCURATE DIMENSIONS AND MEASUREMENTS ON 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.
- 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 WIST 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 INSTALLAL EQUIPMENT AND MATERIALS IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS UNLESS SPECIFICALLY STATED OTHERWISE. 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.

 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
- THE CONTRACTOR SHALL PROTECT EXISTING IMPROVEM<mark>ENTS, PAVEMENTS, CURBS, LANDS</mark>CAPING AND STRUCTURES, ANY
- DAMAGED PART SHALL BE REPAIRED AT CONTRACTOR'S EXPENSE TO THE SATISFACTION OF GROWN CASTLE USA INC. 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
- CONTRACTOR SHALL LEAVE PREMISES IN CLEAN CO<mark>NDITION. TRASH AND D</mark>EBRIS SHOULD BE REMOVED FROM SITE ON

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 PLACEMENT.
- 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. AS FOLLOWS: #4 RARS AND SMALLER
- ON DRAWINGS
- 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 FARTH OR WEATHER:

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:

- 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 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
- WETAL 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.
 USE OF 90' BENDS IN THE PROTECTION GROUNDING CONDUCTORS SHALL BE AVOIDED WHEN 45' BENDS CAN BE ADEQUATELY SUPPORTED.
 EXCITERMIC WELDS SHALL BE USED FOR ALL GROUNDING CONNECTIONS BELOW GRADE.

- ALL GROUND CONNECTIONS ABOVE GRADE (INTERIOR AND EXTERIOR) SHALL BE FORMED USING HIGH PRESS CRIMPS.

 COMPRESSION GROUND CONNECTIONS MAY BE REPLACED BY EXOTHERMIC WELD CONNECTIONS.

 ICE BRIDGE BONDING CONDUCTORS SHALL BE EXOTHERMICALLY BONDED OR BOLTED TO THE BRIDGE AND THE TOWER GROUND BAR.

- CE BRIDGE BONDING CONDUCTORS SHALL BE EXCITERMICALLY BONDED OR BOLIED TO THE BRIDGE AND THE TOWER GROUND BAR.

 APPROVED ANTIOXIDANT COATINGS (i.e. CONDUCTIVE GEL OR PASTE) SHALL BE USED ON ALL COMPRESSION AND BOLTED GROUND CONNECTIONS.

 ALL EXTERIOR GROUND CONNECTIONS SHALL BE COATED WITH A CORROSION RESISTANT MATERIAL.

 MISCELLANGOUS ELECTRICAL AND NON-ELECTRICAL METAL BOXES, FRAMES AND SUPPORTS SHALL BE BONDED TO THE GROUND RING, IN ACCORDANCE WITH THE NEC.

 BOND ALL METALLIC OBJECTS WITHIN 6 ft OF MAIN GROUND RING WITH (1) #2 BARE SOLD TINNED COPPER GROUND CONDUCTORS.

 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 COPE REQUIREMENTS OR LOCAL CONDITIONS, NON-METALLIC MATERIAL SUCH AS PVC CONDUIT SHALL BE
- METAL SUPPORT CLIPS OR SLEEVES THROUGH WALLS OR FLOORS. WHEN IT IS REQUIRED TO BE HOUSED IN CONDUIT TO HE GROUND CONDUCTORS SHALL BE BONDED TO EACH END OF THE METAL CONDUIT.

 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).

 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 SMALLE THAN 2/O COPPER. ROOFTOP GROUNDING RING SHALL BE BONDED TO THE EXISTING GROUNDING SYSTEM, THE BUILDING STEEL COLUMNS, LICINITIAN DETAILS AND DUILDING MAIN MATER TABLE LINE (FERDILL) ON DESCRIPTION OF THE METAL CONDUCTORS SHALL NOT BE SMALLE OF DESCRIPTION OF THE METAL CONDUCTORS SHALL BE BUILDING STEEL COLUMNS, LICINITIAN DEVELOPED MAIN METAL DIDEN CREEK AND DUILDING MAIN METAL LINE (FERDILL) ON DESCRIPTION OF THE METAL CONDUCTORS SHALL BY COPPER ROOFTOP GROUNDING RING SHALL BE BONDED TO THE EXISTING GROUNDING SYSTEM, THE BUILDING STEEL COLUMNS, LICINITIAN DEVELOPMENT AND DUILDING MAIN MATER TOWERS OF THE METAL DIDEN (FERDILL) AND THE METAL DIDEN (FERDILLS AND DUILDING MAIN MATER TOWERS OR THE METAL DIDEN (FERDILLS AND DUILDING MAIN MATER TOWERS OR THE METAL DIDEN (FERDILLS AND DUILDING MAIN MATER TOWERS OR THE METAL DIDEN (FERDILLS AND DUILDING MAIN MATER TOWERS OR THE METAL DIDEN (FERDILLS AND DUILDING MAIN MATER TOWERS OR THE METAL DIDEN (FERDILLS AND DUILDING MAIN MATER TOWERS OR THE METAL DIDEN (FERDILLS AND DUILDING MAIN MATER TOWERS OR THE METAL DIDEN (FERDILLS AND DUILDING MAIN MATER TOWERS OR THE METAL DIDEN (FERDILLS AND DUILDING MAIN MATER TOWERS OR THE METAL DIDEN (FERDILLS AND DUILDING MAIN MATER TOWERS OR THE METAL DIDEN (FERDILLS AND DUIL LIGHTNING PROTECTION SYSTEM, AND BUILDING MAIN WATER LINE (FERROUS OR NONFERROUS METAL PIPING ONLY).

ELECTRICAL INSTALLATION NOTES:

- 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 FLIMINATED WIRING RACEWAY AND SUPPORT METHODS AND MATERIALS SHALL COMPLY WITH THE REQUIREMENTS OF THE NEC.

- RING, RACEWAY AND SUPPORT METHODS AND MATERIALS SHALL COMPLY WITH THE REQUIREMENTS OF THE NEC.

 L CIRCUITS SHALL BE SECREGATED AND MAINTAIN MINIMUM CABLE SEPARATION AS REQUIRED BY THE NEC.

 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

 ANDETER CONF DEE THE COMPENSION UNDERSTORM. 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 CIRCUIT ID'S).
- 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, FHW, OR RHW-2 INSULATION UNLESS OTHERWISE SPECIFIED.
- 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.

 POWER AND CONTROL WIRING IN FLEXIBLE CORD SHALL BE MULTI-CONDUCTOR, TYPE SOOW CORD (#14 OR LARGER) UNLESS
- OTHERWISE SPECIFIED.
- POWER AND CONTROL WIRING FOR USE IN CABLE TRAY SHALL BE MULTI-CONDUCTOR, TYPE TC CABLE (#14 OR LARGER), WITH TYPE THHW, THWN, THWN, THWN-2, XHHW, XHHW-2, THW, THW-2, RHW, OR RHW-2 INSULATION UNLESS OTHERWISE SPECIFIED. 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).
- RACEWAY AND CABLE TRAY SHALL BE LISTED OR LABELED FOR ELECTRICAL USE IN ACCORDANCE WITH NEMA, UL. ANSI/JEEE
- 15. ELECTRICAL METALLIC TUBING (EMT), INTERMEDIATE METAL CONDUIT (IMC), OR RIGID METAL CONDUIT (RMC) SHALL BE USED FOR
- EXPOSED INDOOR LOCATIONS.
- ELECTRICAL METALLIC TUBING (EMT) OR METAL—CLAD CABLE (MC) SHALL BE USED FOR CONCEALED INDOOR LOCATIONS.

 SCHEDULE 40 PVC UNDERGROUND ON STRAIGHTS AND SCHEDULE 80 PVC FOR ALL ELBOWS/90s AND ALL APPROVED ABOVE
- GRADE PVC CONDUIT. 18. LIQUID-TIGHT FLEXIBLE METALLIC CONDUIT (LIQUID-TITE FLEX) SHALL BE USED INDOORS AND OUTDOORS, WHERE VIBRATION
- COURS OF FLEXIBLEY IS NEEDED.

 COURS OF FLEXIBLEY IS NEEDED.

 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
- WIREWAYS SHALL BE METAL WITH AN ENAMEL FINISH AND INCLUDE A HINGED COVER, DESIGNED TO SWING OPEN DOWNWARDS
- (WIREMOLD SPECMATE WIREWAY).
 SLOTTED WIRING DUCT SHALL BE PVC AND INCLUDE COVER (PANDUIT TYPE E OR EQUAL).
- . SLOTTED WIRING DUCT SHALL BE PVC AND INCLUDE COVER (PANDUIT TYPE E OR EQUAL).

 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 INSTALLE IN A NEAT AND WORKMANLIKE MANNER. PARALLEL AND PERPENDICULAR TO STRUCTURE WALL AND CEILING LINES. ALL CONDUIT SHALL BE INSTEAD TO CLEAR OBSTRUCTIONS, ENDS OF CONDUITS SHALL BE REMPORARILY 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.

 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.
- BETTER) FOR EXTERIOR LOCATIONS.
- 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.
- 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.

 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. INSTALL LAMICOID LABEL ON THE METER CENTER TO SHOW "VERIZON"
- 30. ALL EMPTY/SPARE CONDUITS THAT ARE INSTALLED ARE TO HAVE A METERED MULE TAPE PULL CORD INSTALLED.

| CONDUCTOR COLOR CODE | | | | | | | | | | |
|----------------------|-----------|------------------|--|--|--|--|--|--|--|--|
| SYSTEM | CONDUCTOR | COLOR | | | | | | | | |
| | A PHASE | BLACK | | | | | | | | |
| 120/240V, 1Ø | B PHASE | RED | | | | | | | | |
| 120/2404, 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 | | | | | | | | |
| DC VOLTAGE | POS (+) | RED** | | | | | | | | |
| | NEG (-) | BLACK** | | | | | | | | |

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

ABBREVIATIONS

GEN GPS GSM LTE MGB MW (N) NEC (P) PP QTY RECT

UMTS

| | ANTENNA |
|---|---------------------------|
| | EXISTING |
| | FACILITY INTERFACE FRAME |
| | GENERATOR |
| | GLOBAL POSITIONING SYSTEM |
| | GLOBAL SYSTEM FOR MOBILE |
| | LONG TERM EVOLUTION |
| | MASTER GROUND BAR |
| | MICROWAVE |
| | NEW |
| | NATIONAL ELECTRIC CODE |
| | PROPOSED |
| | POWER PLANT |
| | QUANTITY |
| | RECTIFIER |
| | RADIO BASE STATION |
| | REMOTE ELECTRIC TILT |
| 5 | RADIO FREQUENCY DATA SHEE |
| | REMOTE RADIO HEAD |
| | REMOTE RADIO UNIT |
| | SMART INTEGRATED DEVICE |
| | TOWER MOUNTED AMPLIFIER |

UNIVERSAL MOBILE TELECOMMUNICATIONS SYSTEM

APWA UNIFORM COLOR CODE:

WHITE PROPOSED EXCAVATION TEMPORARY SURVEY MARKINGS ELECTRIC POWER LINES, CABLES, CONDUIT, AND LIGHTING CABLES

YELLOW GAS, OIL, STEAM, PETROLEUM, OR GASEOUS MATERIALS

COMMUNICATION, ALARM OR SIGNAL LINES, CABLES, OR CONDUIT AND TRAFFIC LOOPS POTABLE WATER RECLAIMED WATER, IRRIGATION, AND

SLURRY LINES

SEWERS AND DRAIN LINES





MAHWAH, NI 07430



VERIZON SITE NUMBER: 324062

BU #: **857014** HARTLAND-HARTLAND **BLVD**

350 HARTLAND BLVD EAST HARTLAND, CT 06027

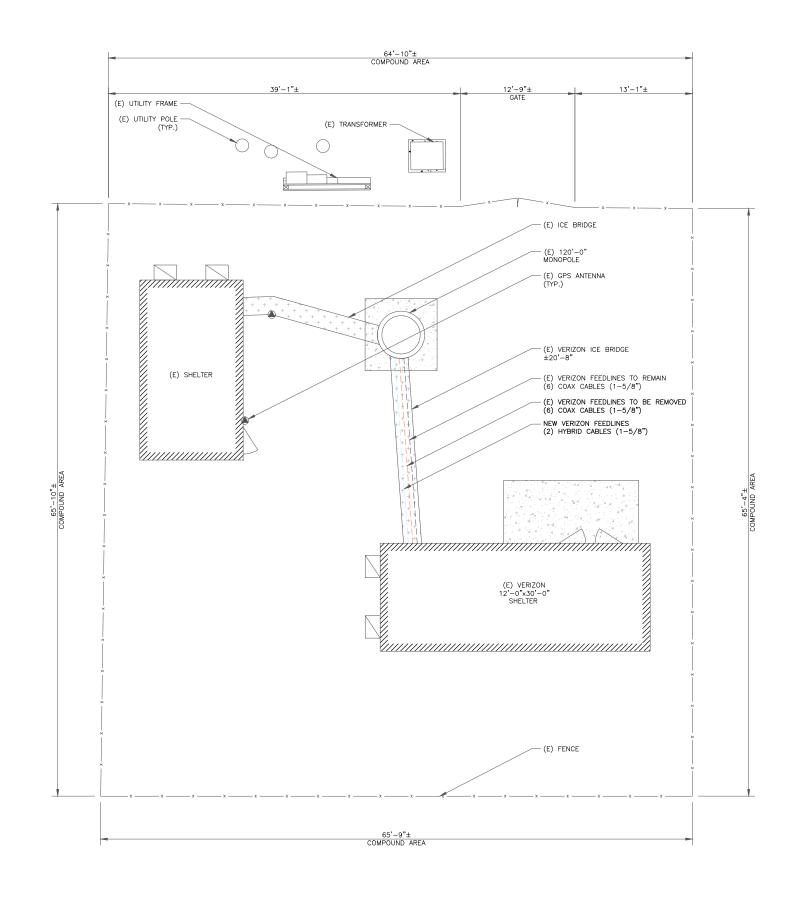
EXISTING 120'-0" MONOPOLE

| Ε | | | ISSUI | ED FOR: | |
|---|-----|------------|-------|--------------|--------|
| | REV | DATE | DRWN | DESCRIPTION | DES./O |
| | 0 | 09/29/2021 | CP | CONSTRUCTION | DG |
| | | | | | |
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| | | | | | |



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









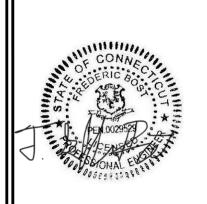
VERIZON SITE NUMBER: **324062**

BU #: 857014 Hartland-Hartland Blvd

350 HARTLAND BLVD EAST HARTLAND, CT 06027

EXISTING 120'-0" MONOPOLE

| | ISSUED FOR: | | | | | | | | | | |
|-----|-------------|------|--------------|---------|--|--|--|--|--|--|--|
| REV | DATE | DRWN | DESCRIPTION | DES./QA | | | | | | | |
| 0 | 09/29/2021 | CP | CONSTRUCTION | DG | | | | | | | |
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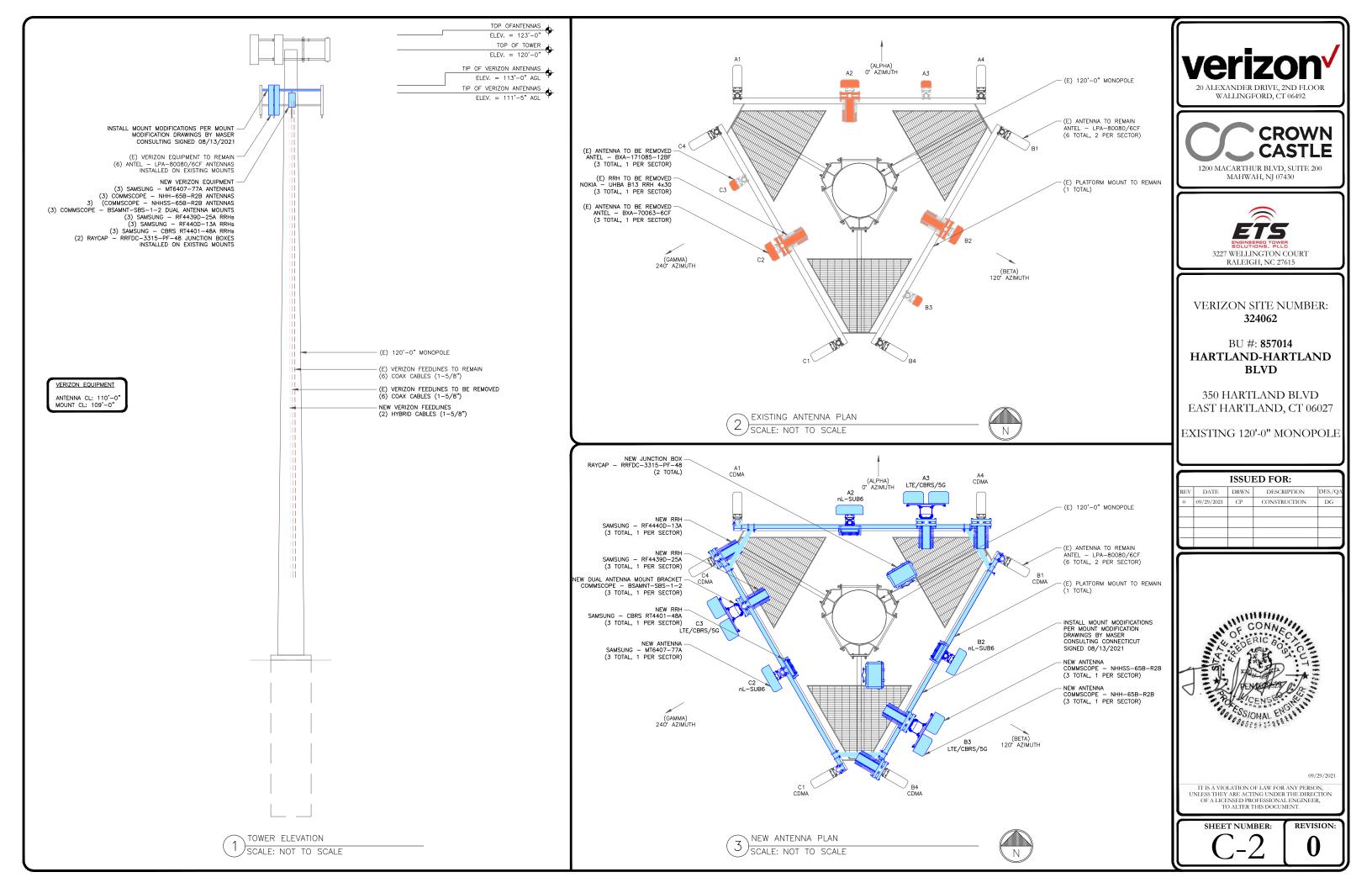
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT.

SHEET NUMBER:

C-1

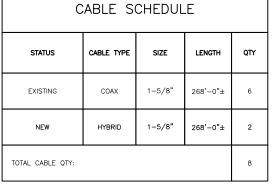






| | | | A | NTENNA, | /RRH S | SCHEDU | ILE | | |
|--------|----------|-------------------------|---------------|-----------------------|---------|-------------------------|-------------------------|---------------------------------|---------------------------|
| SECTOR | STATUS | ANTENNA MANUFACTURER | ANTENNA MODEL | ANTENNA CENTERLINE | AZIMUTH | MECHANICAL DOWNTILTS | ELECTRICAL DOWNTILTS | TOWER EQUIPMENT MANUFACTURER | TOWER EQUIPMENT QTY/MODEL |
| A1 | EXISTING | ANTEL | LPA-80080/6CF | 110'-0" | 0° | 2* | 0* | - | - |
| A2 | NEW | SAMSUNG | MT6407-77A | 110'-0" | 0, | 0, | 6⁴ | - | - |
| | NEW | COMMSCOPE | NHH-65B-R2B | 110'-0" | 0. | 0. | 4*/4*/4*/0* | SAMSUNG | (1) RF4439D-25A |
| A3 | | | | | | | | SAMSUNG | (1) RF4440D-13A |
| | NEW | COMMSCOPE | NHHSS-65B-R2B | 110'-0" | 0* | 0, | 0/0/0 | SAMSUNG | (1) CBRS RRH-RT4401-48A |
| A4 | EXISTING | ANTEL | LPA-80080/6CF | 110'-0" | 0, | | 4 · | RAYCAP | NEW (1) RRFDC-3315-PF-48 |
| | | | | 1 | Г | T | Г | | |
| В1 | EXISTING | ANTEL | LPA-80080/6CF | 110'-0" | 0° | 0° | 0* | - | - |
| B2 | NEW | SAMSUNG | MT6407-77A | 110'-0" | 0. | 0. | 6* | 1 | - |
| | NEW | COMMSCOPE | NHH-65B-R2B | 110'-0" | 0. | 0. | 4*/4*/4*/0* | SAMSUNG | (1) RF4439D-25A |
| вз 📙 | NEW | COMMSCOPE | NHHSS-65B-R2B | 110'-0" | 0. | 0. | 0/0/0 | SAMSUNG | (1) RF4440D-13A |
| | NEW | COMMSCOPE | NHHSS-63B-RZB | 110 -0 | U | U | 0/0/0 | SAMSUNG | (1) CBRS RRH-RT4401-48A |
| B4 | EXISTING | ANTEL | LPA-80080/6CF | 110'-0" | 0° | | 4° | RAYCAP | NEW (1) RRFDC-3315-PF-48 |
| | | | | | | | | | |
| C1 | EXISTING | ANTEL | LPA-80080/6CF | 110'-0" | 0. | 0, | 0* | - | - |
| C2 | NEW | SAMSUNG | MT6407-77A | 110'-0" | 0. | 0. | 6 ° | - | - |
| | NEW | COMMSCOPE | NHH-65B-R2B | 110'-0" | 0, | 0, | 4*/4*/4*/0* | SAMSUNG | (1) RF4439D-25A |
| С3 | NEW | COMMECORE | NHHSS-65B-R2B | 110' 0" | 0. | 0. | 0/0/0 | SAMSUNG | (1) RF4440D-13A |
| | NEW | COMMSCOPE | NHH55-05B-KZB | 110'-0" | | | 0/0/0 | SAMSUNG | (1) CBRS RRH-RT4401-48A |
| C4 | EXISTING | ANTEL | LPA-80080/6CF | 110'-0" | 0* | | 4* | - | - |

| CABLE SCHEDULE | | | | | | | | | |
|------------------|------------|--------|----------|-----|--|--|--|--|--|
| STATUS | CABLE TYPE | SIZE | LENGTH | QTY | | | | | |
| EXISTING | COAX | 1-5/8" | 268'-0"± | 6 | | | | | |
| NEW | HYBRID | 1-5/8" | 268'-0"± | 2 | | | | | |
| TOTAL CABLE QTY: | | | | 8 | | | | | |









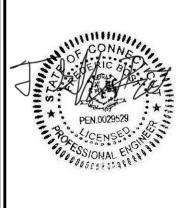
VERIZON SITE NUMBER: 324062

BU #: **857014** HARTLAND-HARTLAND BLVD

350 HARTLAND BLVD EAST HARTLAND, CT 06027

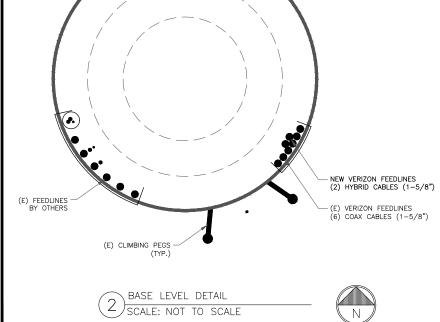
EXISTING 120'-0" MONOPOLE

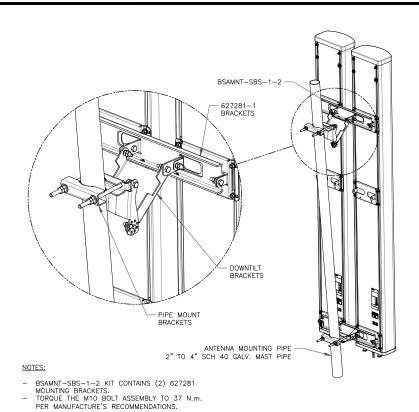
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| | REV | DATE | DRWN | DESCRIPTION | DES./C |
| | 0 | 09/29/2021 | CP | CONSTRUCTION | DG |
| — (F) 120' 0" | Ⅱ | | | | |
| (E) 120'-0" MONOPOLE | l⊢ | | | | |
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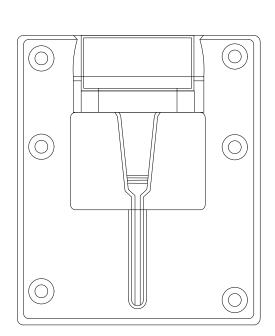




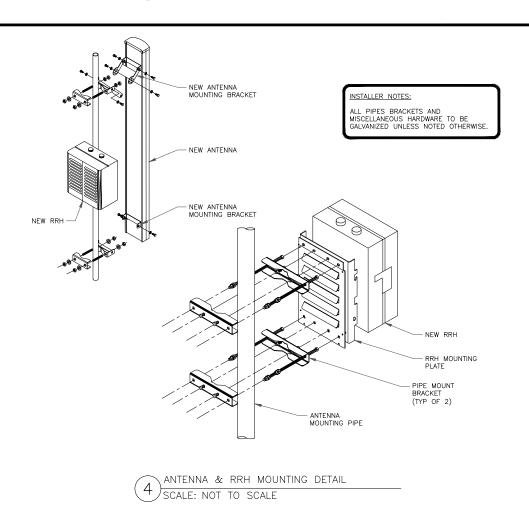
COMMSCOPE - BSAMNT-SBS-1-2

SCALE: NOT TO SCALE

NOT USED 2) SCALE: NOT TO SCALE



SAMSUNG - EP97-01585A BRACKET DETAIL SCALE: NOT TO SCALE









VERIZON SITE NUMBER: 324062

BU #: **857014** HARTLAND-HARTLAND BLVD

350 HARTLAND BLVD EAST HARTLAND, CT 06027

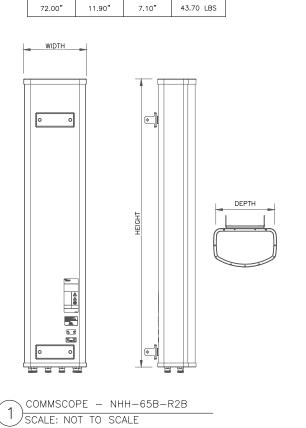
EXISTING 120'-0" MONOPOLE

| | ISSUED FOR: | | | | | |
|-----|-------------|------|--------------|---------|--|--|
| REV | DATE | DRWN | DESCRIPTION | DES./Q/ | | |
| 0 | 09/29/2021 | CP | CONSTRUCTION | DG | | |
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SHEET NUMBER:

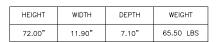


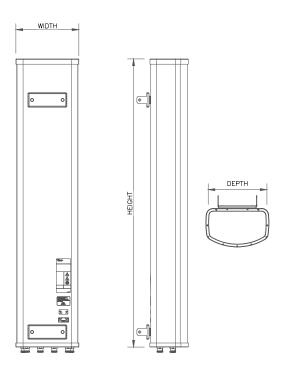
HEIGHT

WIDTH

DEPTH

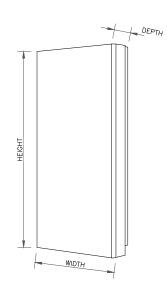
WEIGHT





COMMSCOPE - NHHSS-65B-R2B SCALE: NOT TO SCALE

| HEIGHT | WIDTH | DEPTH | WEIGHT |
|--------|--------|-------|-----------|
| 35.06" | 16.06" | 5.51" | 81.57 LBS |



SAMSUNG - MT6407-77A SCALE: NOT TO SCALE

08.55"

4.15"

WEIGHT 18.64 LBS

WIDTH

| verizon | |
|--|--|
| 20 ALEXANDER DRIVE, 2ND FLOOR WALLINGFORD, CT 06492 | |





VERIZON SITE NUMBER: 324062

BU #: **857014** HARTLAND-HARTLAND BLVD

350 HARTLAND BLVD EAST HARTLAND, CT 06027

EXISTING 120'-0" MONOPOLE

| ISSUED FOR: | | | | | | |
|-------------|------------|------|--------------|---------|--|--|
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| 0 | 09/29/2021 | CP | CONSTRUCTION | DG | | |
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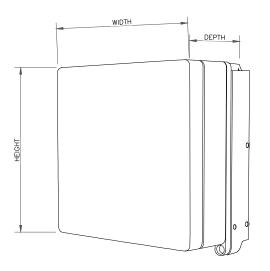


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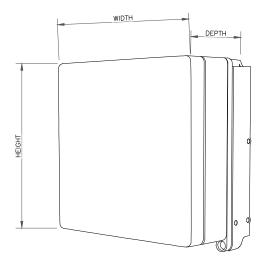
REVISION:

| HEIGHT | WIDTH | DEPTH | WEIGHT |
|--------|--------|--------|-----------|
| 14.96" | 14.96" | 10.04" | 74.70 LBS |

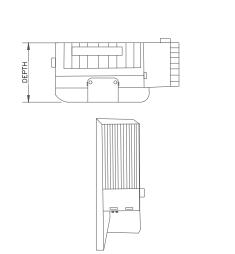


SAMSUNG - RF4439d-25A SCALE: NOT TO SCALE

| HEIGHT | WIDTH | DEPTH | WEIGHT |
|--------|--------|-------|-----------|
| 14.96" | 14.96" | 9.06" | 72.50 LBS |



SAMSUNG - RF4440d-13A SCALE: NOT TO SCALE



HEIGHT

13.91"

SAMSUNG - CBRS RT4401-48A

(6) SCALE: NOT TO SCALE

| | HEIGHT | WIDTH | DEPTH | WEIGHT | |
|--------|--------|--------|--------|-----------|-------|
| | 25.66" | 15.73" | 10.25" | 32.00 LBS | |
| HEIGHT | | w w | DTH | | DEPTH |

RAYCAP - RRFDC-3315-PF-48 SCALE: NOT TO SCALE

NOT USED
SCALE: NOT TO SCALE

NOT USED
SCALE: NOT TO SCALE

20 ALEXANDER DRIVE, 2ND FLOOR WALLINGFORD, CT 06492





VERIZON SITE NUMBER: 324062

BU #: **857014** HARTLAND-HARTLAND BLVD

350 HARTLAND BLVD EAST HARTLAND, CT 06027

EXISTING 120'-0" MONOPOLE

| ISSUED FOR: | | | | | |
|-------------|------------|------|--------------|---------|--|
| REV | DATE | DRWN | DESCRIPTION | DES./Q/ | |
| 0 | 09/29/2021 | CP | CONSTRUCTION | DG | |
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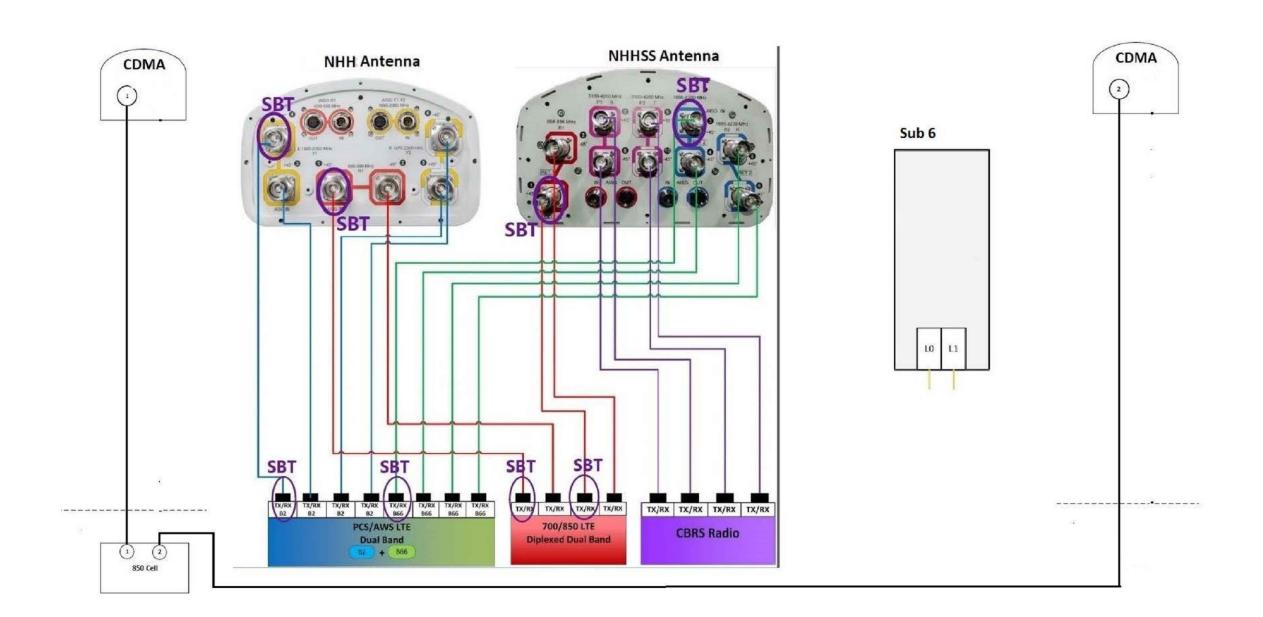
SHEET NUMBER:

REVISION:

(4) SCALE: NOT TO SCALE

SCALE: NOT TO SCALE

6 SCALE: NOT TO SCALE









VERIZON SITE NUMBER: **324062**

BU #: **857014 HARTLAND-HARTLAND BLVD**

350 HARTLAND BLVD EAST HARTLAND, CT 06027

EXISTING 120'-0" MONOPOLE

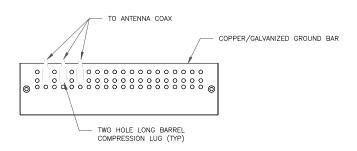
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| REV | DATE | DRWN | DESCRIPTION | DES./QA | | | |
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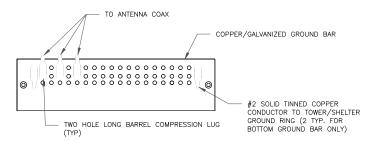
SHEET NUMBER:



NOTES:

- 1. 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.

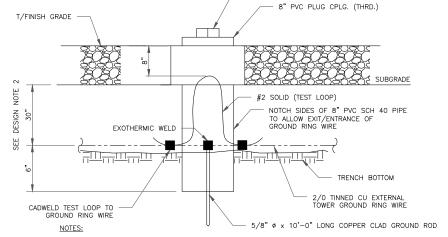
1) ANTENNA SECTOR GROUND BAR DETAIL SCALE: NOT TO SCALE



NOTES:

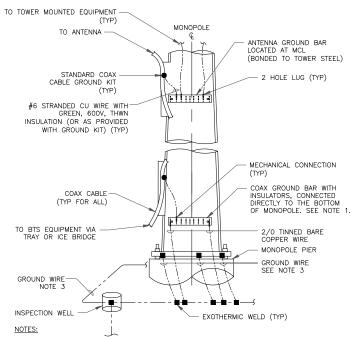
- 1. EXTERIOR ANTIOXIDANT JOINT COMPOUND TO BE USED ON ALL EXTERIOR CONNECTIONS.
- 2. GROUND BAR SHALL NOT BE ISOLATED FROM TOWER. MOUNT DIRECTLY TO TOWER STEEL (TOWER ONLY).
- 3. GROUND BAR SHALL BE ISOLATED FROM BUILDING OR SHELTER.

TOWER/SHELTER GROUND BAR DETAIL
SCALE: NOT TO SCALE



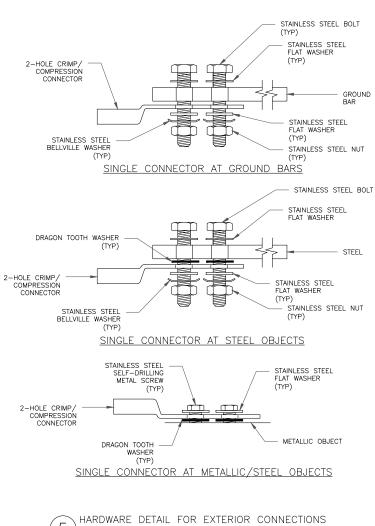
8" PVC PLUG

- 1. GROUND ROD SHALL BE DRIVEN VERTICALLY, NOT TO EXCEED 45 DEGREES FROM THE
- GROUND WIRE SHALL BE MIN. 30" BELOW GRADE OR 6" BELOW FROST LINE.
 (WHICH EVER IS GREATER) AS PER N.E.C. ARTICLE 250-50(D)
- (3) INSPECTION WELL DETAIL SCALE: NOT TO SCALE

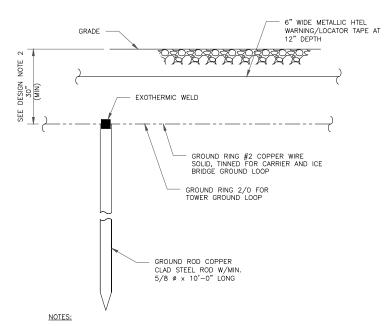


- NUMBER OF GROUNDING BARS MAY VARY DEPENDING ON THE TYPE OF TOWER, ANTENNA LOCATIONS AND CONNECTION ORIENTATION. COAXIAL CABLES EXCEEDING 200 FEET ON THE TOWER SHALL HAVE GROUND KITS AT THE MIDPOINT. PROVIDE AS REQUIRED.
- ONLY MECHANICAL CONNECTIONS ARE ALLOWED TO BE MADE TO CROWN CASTLE USA INC. TOWERS. ALL MECHANICAL CONNECTIONS SHALL BE TREATED WITH AN ANTI-OXIDANT COATING.
- 3. ALL TOWER GROUNDING SYSTEMS SHALL COMPLY WITH THE REQUIREMENTS OF THE RECOGNIZED EDITION OF ANSI/TIA 222 AND NFPA 780.

TYPICAL ANTENNA CABLE GROUNDING SCALE: NOT TO SCALE



HARDWARE DETAIL FOR EXTERIOR CONNECTIONS
SCALE: NOT TO SCALE



- 1. GROUND ROD SHALL BE DRIVEN VERTICALLY, NOT TO EXCEED 45 DEGREES FROM THE
- VERTICAL

 GROUND WIRE SHALL BE MIN. 30" BELOW GRADE OR 6" BELOW FROST LINE.

 (WHICH EVER IS GREATER) AS PER N.E.C. ARTICLE 250-50(D)

GROUND ROD DETAIL
SCALE: NOT TO SCALE







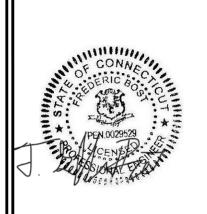
VERIZON SITE NUMBER: 324062

BU #: 857014 Hartland-Hartland Blvd

350 HARTLAND BLVD EAST HARTLAND, CT 06027

EXISTING 120'-0" MONOPOLE

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| REV | DATE | DRWN | DESCRIPTION | DES./QA | | |
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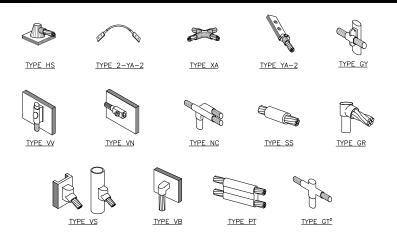


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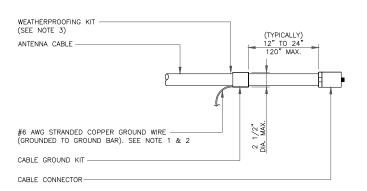
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NOTE:

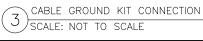
- ERICO EXOTHERMIC "MOLD TYPES" SHOWN HERE ARE EXAMPLES. CONSULT WITH CONSTRUCTION MANAGER FOR SPECIFIC MOLDS TO BE USED FOR THIS PROJECT.
 MOLD TYPE ONLY TO BE USED BELOW GRADE WHEN CONNECTING GROUND RING TO GROUND ROD.

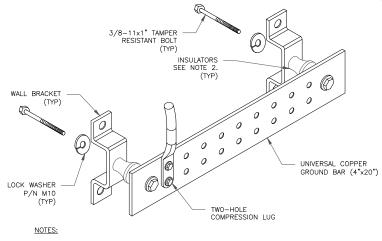
CADWELD GROUNDING CONNECTIONS SCALE: NOT TO SCALE



NOTES:

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

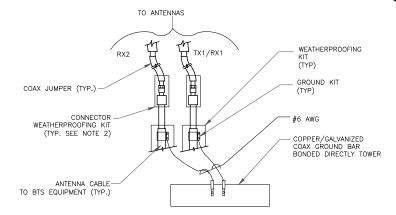




1. DOWN LEAD (HOME RUN) CONDUCTORS ARE NOT TO BE INSTALLED ON CROWN CASTLE USA INC. TOWER, PER THE GROUNDING DOWN CONDUCTOR POLICY QAS—STD-10091. NO MODIFICATION OR DRILLING TO TOWER STEEL IS ALLOWED IN ANY FORM OR FASHION, CAD—WELDING ON THE TOWER AND/OR IN THE AIR ARE NOT PERMITTED.

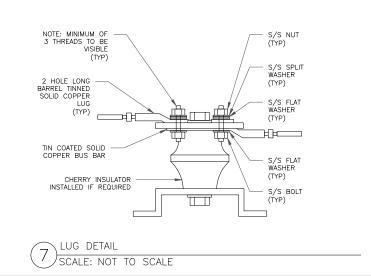
2. OMIT INSULATOR WHEN MOUNTING TO TOWER STEEL OR PLATFORM STEEL USE INSULATORS WHEN ATTACHING TO BUILDING OR SHELTERS.

GROUND BAR DETAIL (6) SCALE: NOT TO SCALE

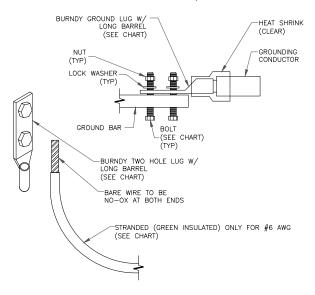


- 1. DO NOT INSTALL CABLE GROUND KIT AT A BEND AND ALWAYS DIRECT GROUND WIRE DOWN TO ANTENNA GROUND BAR.
- 2. WEATHER PROOFING SHALL BE TWO-PART TAPE KIT. COLD SHRINK SHALL NOT BE USED.

GROUND CABLE CONNECTION (4) SCALE: NOT TO SCALE



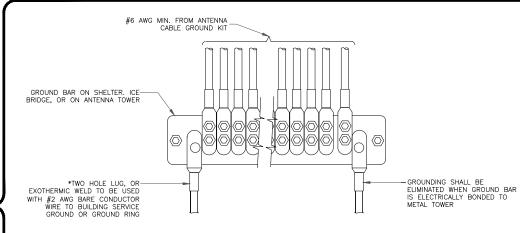
| WIRE SIZE | BURNDY LUG | BOLT SIZE |
|------------------------|------------|-----------------------|
| #6 AWG GREEN INSULATED | YA6C-2TC38 | 3/8" - 16 NC S 2 BOLT |
| #2 AWG SOLID TINNED | YA3C-2TC38 | 3/8" - 16 NC S 2 BOLT |
| #2 AWG STRANDED | YA2C-2TC38 | 3/8" - 16 NC S 2 BOLT |
| #2/0 AWG STRANDED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



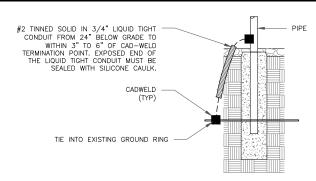
NOTES:

ALL GROUNDING LUGS ARE TO BE INSTALLED PER MANUFACTURER'S SPECIFICATIONS. ALL HARDWARE BOLTS, NUTS, LOCK WASHERS SHALL BE STAINLESS STEEL. ALL HARDWARE ARE TO BE AS FOLLOWS: BOLT, FLAT WASHER, GROUND BAR, GROUND LUG, FLAT WASHER AND NUT.

MECHANICAL LUG CONNECTION SCALE: NOT TO SCALE



GROUNDWIRE INSTALLATION SCALE: NOT TO SCALE



TRANSITIONING GROUND DETAIL 8) SCALE: NOT TO SCALE







VERIZON SITE NUMBER: 324062

BU #: **857014** HARTLAND-HARTLAND BLVD

350 HARTLAND BLVD EAST HARTLAND, CT 06027

EXISTING 120'-0" MONOPOLE

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SHEET NUMBER:

Exhibit D

Structural Analysis Report

Date: September 01, 2021



Black & Veatch Corp. 6800 W. 115th St., Suite 2292 Overland Park, KS 66211 (913) 458-6909

Subject: **Structural Analysis Report**

Carrier Designation: Verizon Wireless Co-Locate

> Site Number: 535827

Site Name: HARTLAND SE CT

Crown Castle Designation: **BU Number:** 857014

> Site Name: HARTLAND - HARTLAND

> > **BOULEVARD**

JDE Job Number: 685105 **Work Order Number:** 2015607 **Order Number:** 585190 Rev. 0

406642 **Engineering Firm Designation:** Black & Veatch Corp. Project Number:

Site Data: 350 Hartland Boulevard, East Hartland, Hartford County, CT

Latitude 41° 58' 37.5", Longitude -72° 53' 16.34"

120 Foot - Monopole Tower

Black & Veatch Corp. 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 - 20.2%

This analysis utilizes an ultimate 3-second gust wind speed of 120 mph as required by the 2018 Connecticut State Building Code. Applicable Standard references and design criteria are listed in Section 2 - Analysis Criteria.

Structural analysis prepared by: Angkoon Pansit/ Saowalak Hanruk

Respectfully submitted by:

Ping Jiang, P.E. Professional Engineer



TABLE OF CONTENTS

1) INTRODUCTION

2) ANALYSIS CRITERIA

Table 1 - Proposed Equipment Configuration
Table 2 - Other Considered Equipment

3) ANALYSIS PROCEDURE

Table 3 - Documents Provided 3.1) Analysis Method 3.2) Assumptions

4) ANALYSIS RESULTS

Table 4 - Section Capacity (Summary)
Table 5 - Tower Component Stresses vs. Capacity - LC5
4.1) Recommendations

5) APPENDIX A

tnxTower Output

6) APPENDIX B

Base Level Drawing

7) APPENDIX C

Additional Calculations

1) INTRODUCTION

This tower is a 120 ft Monopole tower designed by Engineered Endeavors Incorporated.

2) ANALYSIS CRITERIA

TIA-222 Revision: TIA-222-H

Risk Category:

Wind Speed: 120 mph

Exposure Category:
Topographic Factor:
Ice Thickness:
Wind Speed with Ice:
Service Wind Speed:

B

1

2 in

50 mph

60 mph

Table 1 - Proposed Equipment Configuration

| Mounting Level (ft) | Center Line Elevation (ft) | Number of Antennas | Antenna Manufacturer | Antenna Model | Number of Feed Lines | Feed Line Size (in) |
|------------------------|-------------------------------------|---|-------------------------------|--|----------------------------|---------------------------|
| | | 3 | commscope | BASMNT-SBS-1-2 Side By Side Bracket | | |
| | | 6 | antel | LPA-80080/6CF w/ Mount Pipe | | |
| | | 1 | cci tower mounts (v2.1) | Platform Mount [LP 303-1] | | |
| | 110.0 | 3 | commscope | NHH-65B-R2B w/ Mount Pipe | | |
| | | 3 | commscope | NHHSS-65B-R2B w/ Mount Pipe | | |
| 110.0 | | 2 | raycap | RRFDC-3315-PF-48 | 6 | 1-5/8 |
| | | 3 | samsung telecommunications | CBRS RT4401-48A | | . 5,5 |
| | | samsung telecommunications MT6407-77A w/ Mount P | MT6407-77A w/ Mount Pipe | | | |
| | | 3 | samsung telecommunications | RF4439D-25A | | |
| | | 3 | samsung telecommunications | RF4440D-13A | | |

Table 2 - Other Considered Equipment

| Mounting Level (ft) | Center Line Elevation (ft) | Number of Antennas | Antenna Manufacturer | Antenna Model | Number of Feed Lines | Feed Line Size (in) |
|------------------------|-------------------------------------|--------------------------|-------------------------|---------------------------|----------------------------|---------------------------|
| | | 1 | site pro 1 | HRK-12 | | |
| | | 2 | cci antennas | DMP65R-BU6D w/ Mount Pipe | | |
| | | 1 cci antennas DI | | DMP65R-BU8D w/ Mount Pipe | | |
| | | 2 | cci antennas | OPA65R-BU6D w/ Mount Pipe | 6 | 1-5/8 |
| 120.0 | 120.0 | 1 | cci antennas | OPA65R-BU8D w/ Mount Pipe | 4 | 3/4 |
| 120.0 | 120.0 | 1 | cci tower mounts (v2.1) | Platform Mount [LP 712-1] | 2 | 3/8 2C |
| | | 3 | ericsson | RRUS 4449 B5/B12 | | |
| | | 3 | ericsson | RRUS 4478 B14_CCIV2 | | |
| | | 3 | ericsson | RRUS 8843 B2/B66A | | |

| Mounting Level (ft) | Flevation | Number of Antennas | Antenna Manufacturer | Antenna Model | Number of Feed Lines | Feed Line Size (in) |
|------------------------|-----------|--------------------------|-------------------------|-----------------------|----------------------------|---------------------------|
| | | 3 | powerwave technologies | 7770.00 w/ Mount Pipe | | |
| | | 6 | powerwave technologies | LGP13519 | | |
| | | 1 | raycap | DC6-48-60-18-8C | | |
| | | 1 | raycap | DC6-48-60-18-8F | | |

3) ANALYSIS PROCEDURE

Table 3 - Documents Provided

| Document | Reference | Source |
|--|-----------|----------|
| 4-GEOTECHNICAL REPORTS | 6121289 | CCISITES |
| 4-TOWER FOUNDATION DRAWINGS/DESIGN/SPECS | 5177752 | CCISITES |
| 4-TOWER MANUFACTURER DRAWINGS | 5177737 | CCISITES |

3.1) Analysis Method

tnxTower (version 8.1.1.0), 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

- 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. Black & Veatch Corp. should be notified to determine the effect on the structural integrity of the tower.

4) ANALYSIS RESULTS

Table 4 - Section Capacity (Summary) (Monopole Tower)

| | | apacity (Carrin | iai j (inionopolo ronoi | , | | | | |
|-------------|----------------|-------------------|-------------------------|---------------------|--------|-------------------|---------------|-------------|
| Section No. | Elevation (ft) | Component Type | Size | Critical Element | P (K) | SF*P_allow (K) | % Capacity | Pass / Fail |
| L1 | 120 - 92.51 | Pole | TP37.3834x29.3x0.25 | 1 | -9.88 | 1735.81 | 11.4 | Pass |
| L2 | 92.51 - 45.69 | Pole | TP50.5408x35.3632x0.375 | 2 | -20.36 | 3522.11 | 16.3 | Pass |
| L3 | 45.69 - 0 | Pole | TP63x47.7998x0.4375 | 3 | -39.28 | 5336.35 | 18.9 | Pass |
| | | | | | | | Summary | |
| | | | | | | Pole (L3) | 18.9 | Pass |
| | | | | | | Rating = | 18.9 | Pass |

Table 5 - Tower Component Stresses vs. Capacity (Monopole Tower) - LC5

| Notes | Component | Elevation (ft) | % Capacity | Pass / Fail |
|-------|------------------------------------|----------------|------------|-------------|
| 1 | Anchor Rods | 0 | 11.5 | Pass |
| ı | Base Plate | 0 | 7.0 | Pass |
| 1 | Base Foundation (Structure) | 0 | 20.2 | Pass |
| 1 | Base Foundation (Soil Interaction) | U | 14.8 | Pass |

| Structure Rating (max from all components) = | 20.2% |
|--|-------|

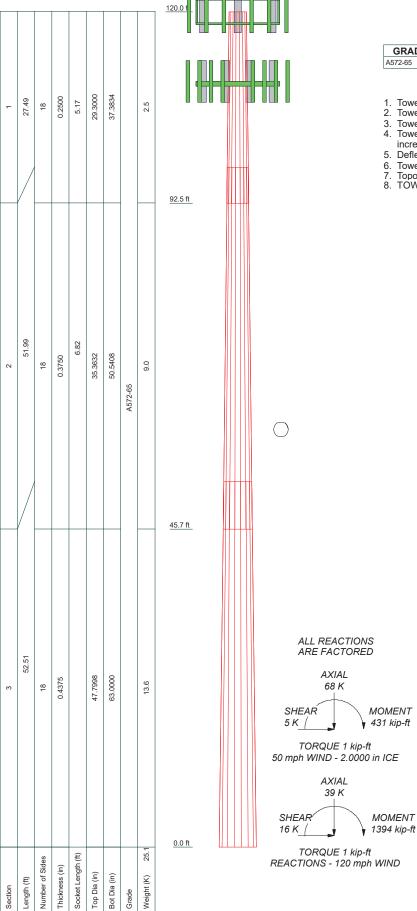
Notes:

4.1) Recommendations

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

¹⁾ See additional documentation in "Appendix C – Additional Calculations" for calculations supporting the % capacity. Rating per TIA-222-H Section 15.5.

APPENDIX A TNXTOWER OUTPUT



MATERIAL STRENGTH

| GRADE | Fy | Fu | GRADE | Fy | Fu |
|----------|--------|--------|-------|----|----|
| A 572 65 | 65 kai | 90 kai | | | |

TOWER DESIGN NOTES

- 1. Tower is located in Hartford County, Connecticut.
- 2. Tower designed for Exposure B to the TIA-222-H Standard.
- 3. Tower designed for a 120 mph basic wind in accordance with the TIA-222-H Standard.
- 4. Tower is also designed for a 50 mph basic wind with 2.00 in ice. Ice is considered to increase in thickness with height.
- 5. Deflections are based upon a 60 mph wind.
- Tower Risk Category II.
 Topographic Category 1 with Crest Height of 0.00 ft
 TOWER RATING: 18.9%



Black & Veatch Corp. Overland Park, KS 66211

Phone: (913) 458-6909 FAX:

| Job: HARTLAND - | HARTLAND BOU | LEVARD (BU# 857014 |
|------------------------|--------------------|--------------------|
| Project: 406642 (85701 | 4.2015607) | |
| Client: Crown Castle | Drawn by: pan94203 | App'd: |
| Code: TIA-222-H | Date: 09/01/21 | Scale: NTS |
| Path: | | Dwg No. F_1 |

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: 928.00 ft.
- Basic wind speed of 120 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 2.0000 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
 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 Guvs To Initial Tension
- √ Bypass Mast Stability Checks
- √ Use Azimuth Dish Coefficients
- √ Project Wind Area of Appurt.

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

| 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 | 120.00-92.51 | 27.49 | 5.17 | 18 | 29.3000 | 37.3834 | 0.2500 | 1.0000 | A572-65 (65 ksi) |
| L2 | 92.51-45.69 | 51.99 | 6.82 | 18 | 35.3632 | 50.5408 | 0.3750 | 1.5000 | A572-65 (65 ksi) |
| L3 | 45.69-0.00 | 52.51 | | 18 | 47.7998 | 63.0000 | 0.4375 | 1.7500 | À572-65 (65 ksi) |

| | | | | Tape | red Pol | e Prop | erties | | | | |
|-------------------|--------------------|--------------------|----------------------|--------------|----------------------------------|-------------------------------------|------------------------|--|------------------|--|--|
| Section | Tip Dia. in | Area in² | I in⁴ | r in | C in | I/C in³ | J in ⁴ | It/Q in² | w in | w/t | _ |
| L1 | 29.7134 37.9215 | 23.0512 29.4654 | 2457.665 5133.085 | | 14.8844 18.9908 | 165.1169 270.2938 | 4918.5651 10272.926 | 11.5278 14.7355 | 4.7168 6.1395 | | |
| L2 | 37.3834 | 41.6447 | 6440.79 | 16 12.4208 | 17.9645 | 358.5291 | 12890.058 2 | 20.8263 | 5.5639 | 14.83 | 7 |
| | 51.2626 | 59.7098 | 18984.48 1 | 37 17.8089 | 25.6747 | 739.4231 | 37993.954 4 | 29.8606 | 8.2352 | 21.96 | |
| L3 | 50.4744 | 65.7685 | 18638.93 8 | 35 16.8136 | 24.2823 | 767.5934 | 37302.397 3 | 32.8905 | 7.6428 | 17.469 | 9 |
| | 63.9044 | 86.8759 | 42960.04 7 | 13 22.2097 | 32.0040 | 1342.3336 | 85976.615 3 | 43.4462 | 10.3180 | 23.58 | 1 |
| | | | | | • " • = • | • • • • | | | | | |
| Tower Elevatio | | ea Th | Gusset (nickness | Gusset Grade | Adjust. Factor A _f | Adjust. Factor A _r | Weight M | lult. Double Stitch Spa Diago | Bolt S cing | ouble Angle Stitch Bolt Spacing Iorizontals | Double Angle Stitch Bolt Spacing Redundants |
| ft | ft | 2 | in | | | | | iı | | in | in |
| L1 120.0 92.51 | | | | | 1 | 1 | 1 | | | | |
| L2 92.5 45.69 | 1- | | | | 1 | 1 | 1 | | | | |
| L3 45.69- | | | | | 1 | 1 | 1 | | | | |

| Feed Line/Linear Appurtenances - Entered As Round Or Flat | | | | | | | | | | | |
|---|------------|-----------------|-----------------------|---------------|-----------|-----------------|-------------------|----|---------|------------|--------|
| Description | Face or | Allow Shield | Exclude From | Componen t | Placement | Total Number | Number Per Row | | | Perimete r | Weight |
| | Leg | | Torque Calculation | Type | ft | | | in | r in | in | plf |
| *** | | | | | | | | | | | |
| ** | | | | | | | | | | | |
| **** | | | | | | | | | | | |

| Feed Line/Linear Appurtenances - Entered As Area | | | | | | | | | |
|--|------------|-----------------|-----------------------|-----------------------|----------------|-----------------|--------------------|--------------|--------------|
| Description | Face or | Allow Shield | Exclude From | Componen | Placement | Total Number | | C_AA_A | Weight |
| | Leg | Omera | Torque Calculation | Туре | ft | rvarribor | | ft²/ft | plf |
| ** | | | | | | | | | |
| *** | | | | | | | | | |
| *** | | | | | | | | | |
| *** | | | | | | | | | |
| ** Safety Line ** Safety Line 3/8 | С | No | No | CaAa (Out Of Face) | 120.00 - 11.00 | 1 | No Ice 1/2" Ice | 0.04 0.14 | 0.22 0.75 |

| Description | or | Allow Shield | Exclude From | Componen t | Placement | Total Number | | $C_A A_A$ | Weight |
|-----------------|-----|-----------------|-----------------------|---------------|----------------|-----------------|----------|-----------|--------|
| | Leg | | Torque Calculation | Type | ft | | | ft²/ft | plf |
| | | | | | | | 1" Ice | 0.24 | 1.28 |
| | | | | | | | 2" Ice | 0.44 | 2.34 |
| 5/8 rod/step | С | No | No | CaAa (Out | 120.00 - 11.00 | 1 | No Ice | 0.02 | 0.27 |
| | | | | Of Face) | | | 1/2" Ice | 0.12 | 0.70 |
| | | | | , | | | 1" Ice | 0.22 | 1.74 |
| | | | | | | | 2" Ice | 0.42 | 5.65 |
| ** 120E ** | | | | | | | | | |
| LDF7-50A(1-5/8) | С | No | No | Inside Pole | 120.00 - 0.00 | 6 | No Ice | 0.00 | 0.82 |
| | | | | | | | 1/2" Ice | 0.00 | 0.82 |
| | | | | | | | 1" Ice | 0.00 | 0.82 |
| | | | | | | | 2" Ice | 0.00 | 0.82 |
| FB-L98-002- | С | No | No | Inside Pole | 120.00 - 0.00 | 1 | No Ice | 0.00 | 0.06 |
| XXX(3/8) | | | | | | | 1/2" Ice | 0.00 | 0.06 |
| | | | | | | | 1" Ice | 0.00 | 0.06 |
| | | | | | | | 2" Ice | 0.00 | 0.06 |
| WR-VG86ST- | С | No | No | Inside Pole | 120.00 - 0.00 | 2 | No Ice | 0.00 | 0.58 |
| BRD(3/4) | | | | | | | 1/2" Ice | 0.00 | 0.58 |
| ` , | | | | | | | 1" Ice | 0.00 | 0.58 |
| | | | | | | | 2" Ice | 0.00 | 0.58 |
| 2" Flex Conduit | С | No | No | Inside Pole | 120.00 - 0.00 | 1 | No Ice | 0.00 | 0.36 |
| | | | | | | | 1/2" Ice | 0.00 | 0.36 |
| | | | | | | | 1" Ice | 0.00 | 0.36 |
| | | | | | | | 2" Ice | 0.00 | 0.36 |
| FB-L98-002- | С | No | No | Inside Pole | 120.00 - 0.00 | 1 | No Ice | 0.00 | 0.06 |
| XXX(3/8) | | | | | | | 1/2" Ice | 0.00 | 0.06 |
| (/ | | | | | | | 1" Ice | 0.00 | 0.06 |
| | | | | | | | 2" Ice | 0.00 | 0.06 |
| WR-VG86ST- | С | No | No | Inside Pole | 120.00 - 0.00 | 2 | No Ice | 0.00 | 0.58 |
| BRD(3/4) | | | | | | | 1/2" Ice | 0.00 | 0.58 |
| () | | | | | | | 1" Ice | 0.00 | 0.58 |
| | | | | | | | 2" Ice | 0.00 | 0.58 |
| ** 110P ** | | | | | | | | | |
| LDF7-50A(1-5/8) | С | No | No | Inside Pole | 110.00 - 0.00 | 6 | No Ice | 0.00 | 0.82 |
| | - | | | | | - | 1/2" Ice | 0.00 | 0.82 |
| | | | | | | | 1" Ice | 0.00 | 0.82 |
| | | | | | | | 2" lce | 0.00 | 0.82 |
| **** | | | | | | | | 0.00 | 0.02 |

Feed Line/Linear Appurtenances Section Areas

| Tower Sectio | Tower Elevation | Face | A_R | A_F | C _A A _A In Face | C _A A _A Out Face | Weight |
|-----------------|--------------------|------|-----------------|-----------------|--|---|--------|
| n | ft | | ft ² | ft ² | ft ² | ft ² | K |
| L1 | 120.00-92.51 | А | 0.000 | 0.000 | 0.000 | 0.000 | 0.00 |
| | | В | 0.000 | 0.000 | 0.000 | 0.000 | 0.00 |
| | | С | 0.000 | 0.000 | 0.000 | 1.581 | 0.31 |
| L2 | 92.51-45.69 | Α | 0.000 | 0.000 | 0.000 | 0.000 | 0.00 |
| | | В | 0.000 | 0.000 | 0.000 | 0.000 | 0.00 |
| | | С | 0.000 | 0.000 | 0.000 | 2.692 | 0.62 |
| L3 | 45.69-0.00 | Α | 0.000 | 0.000 | 0.000 | 0.000 | 0.00 |
| | | В | 0.000 | 0.000 | 0.000 | 0.000 | 0.00 |
| | | С | 0.000 | 0.000 | 0.000 | 1.995 | 0.60 |

Feed Line/Linear Appurtenances Section Areas - With Ice

| Tower Sectio | Tower Elevation | Face or | Ice Thickness | A_R | A_F | C _A A _A In Face | $C_A A_A$ Out Face | Weight |
|-----------------|--------------------|------------|------------------|-----------------|-----------------|--|-----------------------|--------|
| n | ft | Leg | in | ft ² | ft ² | ft ² | ft ² | K |
| L1 | 120.00-92.51 | Α | 1.910 | 0.000 | 0.000 | 0.000 | 0.000 | 0.00 |
| | | В | | 0.000 | 0.000 | 0.000 | 0.000 | 0.00 |

| Tower Sectio | Tower Elevation | Face or | lce Thickness | A_R | A_F | C _A A _A In Face | $C_A A_A$ Out Face | Weight |
|-----------------|--------------------|------------|------------------|-----------------|-----------------|--|-----------------------|--------|
| n | ft | Leg | in | ft ² | ft ² | ft ² | ft ² | K |
| | | С | | 0.000 | 0.000 | 0.000 | 22.582 | 0.51 |
| L2 | 92.51-45.69 | Α | 1.829 | 0.000 | 0.000 | 0.000 | 0.000 | 0.00 |
| | | В | | 0.000 | 0.000 | 0.000 | 0.000 | 0.00 |
| | | С | | 0.000 | 0.000 | 0.000 | 38.460 | 0.95 |
| L3 | 45.69-0.00 | Α | 1.634 | 0.000 | 0.000 | 0.000 | 0.000 | 0.00 |
| | | В | | 0.000 | 0.000 | 0.000 | 0.000 | 0.00 |
| | | С | | 0.000 | 0.000 | 0.000 | 27.369 | 0.83 |

Feed Line Center of Pressure

| Section | Elevation | CP_X | CPz | CP _X Ice | CP _z Ice |
|---------|--------------|---------|--------|------------------------|------------------------|
| | ft | in | in | in | in |
| L1 | 120.00-92.51 | -0.4529 | 0.2615 | -2.7764 | 1.6030 |
| L2 | 92.51-45.69 | -0.4564 | 0.2635 | -2.9784 | 1.7196 |
| L3 | 45.69-0.00 | -0.3401 | 0.1963 | -2.3145 | 1.3363 |

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

| Discrete | TOWOR | l Aade |
|-----------------|-------|--------|
| Discrete | TOWEL | LUAUS |

| Description | Face or Leg | Offset Type | Offsets: Horz Lateral | Azimuth Adjustmen t | Placement | | C _A A _A Front | C _A A _A Side | Weight |
|------------------------------|-------------------|----------------|-----------------------------|---------------------------|-----------|---|--|---------------------------------------|------------------------------|
| | | | Vert ft ft ft | ۰ | ft | | ft² | ft² | К |
| *** 7770.00 w/ Mount Pipe | А | From Leg | 4.00 0.00 0.00 | 0.00 | 120.00 | No Ice 1/2" Ice 1" Ice | 5.75 6.18 6.61 7.49 | 4.25 5.01 5.71 7.16 | 0.06 0.10 0.16 0.29 |
| 7770.00 w/ Mount Pipe | В | From Leg | 4.00 0.00 0.00 | 0.00 | 120.00 | 2" Ice No Ice 1/2" Ice 1" Ice 2" Ice | 5.75 6.18 6.61 7.49 | 4.25 5.01 5.71 7.16 | 0.06 0.10 0.16 0.29 |
| 7770.00 w/ Mount Pipe | С | From Leg | 4.00 0.00 0.00 | 0.00 | 120.00 | No Ice 1/2" Ice 1" Ice 2" Ice | 5.75 6.18 6.61 7.49 | 4.25 5.01 5.71 7.16 | 0.06 0.10 0.16 0.29 |
| DMP65R-BU6D w/ Mount Pipe | Α | From Leg | 4.00 0.00 0.00 | 0.00 | 120.00 | No Ice 1/2" Ice 1" Ice 2" Ice | 11.96 12.70 13.46 15.02 | 5.97 6.63 7.30 8.69 | 0.11 0.20 0.30 0.53 |
| DMP65R-BU8D w/ Mount Pipe | В | From Leg | 4.00 0.00 0.00 | 0.00 | 120.00 | No Ice 1/2" Ice 1" Ice 2" Ice | 15.89 16.81 17.76 19.70 | 7.89 8.74 9.60 11.37 | 0.14 0.25 0.38 0.68 |
| DMP65R-BU6D w/ Mount Pipe | С | From Leg | 4.00 0.00 0.00 | 0.00 | 120.00 | No Ice 1/2" Ice 1" Ice 2" Ice | 11.96 12.70 13.46 15.02 | 5.97 6.63 7.30 8.69 | 0.11 0.20 0.30 0.53 |

| Description | Face or Leg | Offset Type | Offsets: Horz Lateral Vert | Azimuth Adjustmen t | Placement | | $C_A A_A$ Front | C_AA_A Side | Weight |
|----------------------|-------------------|----------------|-------------------------------------|---------------------------|-----------|------------------|-----------------|------------------|--------|
| | | | ft ft ft | ٥ | ft | | ft² | ft² | K |
| OPA65R-BU6D w/ Mount | Α | From Leg | 4.00 | 0.00 | 120.00 | No Ice | 12.25 | 6.05 | 0.09 |
| Pipe | | | 0.00 | | | 1/2" | 13.00 | 6.71 | 0.18 |
| | | | 0.00 | | | Ice 1" Ice | 13.76 15.34 | 7.39 | 0.27 |
| | | | | | | 2" Ice | 15.34 | 8.79 | 0.51 |
| OPA65R-BU8D w/ Mount | В | From Leg | 4.00 | 0.00 | 120.00 | No Ice | 17.46 | 8.58 | 0.11 |
| Pipe | | · · | 0.00 | | | 1/2" | 18.46 | 9.49 | 0.22 |
| | | | 0.00 | | | Ice | 19.48 | 10.42 | 0.35 |
| | | | | | | 1" Ice 2" Ice | 21.58 | 12.33 | 0.66 |
| OPA65R-BU6D w/ Mount | С | From Leg | 4.00 | 0.00 | 120.00 | No Ice | 12.25 | 6.05 | 0.09 |
| Pipe | | 3 | 0.00 | | | 1/2" | 13.00 | 6.71 | 0.18 |
| | | | 0.00 | | | Ice | 13.76 | 7.39 | 0.27 |
| | | | | | | 1" Ice 2" Ice | 15.34 | 8.79 | 0.51 |
| DC6-48-60-18-8F | Α | From Leg | 4.00 | 0.00 | 120.00 | No Ice | 0.92 | 0.92 | 0.02 |
| 200 10 00 10 01 | | | 0.00 | 0.00 | 0.00 | 1/2" | 1.46 | 1.46 | 0.04 |
| | | | 0.00 | | | Ice | 1.64 | 1.64 | 0.06 |
| | | | | | | 1" Ice | 2.04 | 2.04 | 0.11 |
| (2) LGP13519 | Α | From Leg | 4.00 | 0.00 | 120.00 | 2" Ice No Ice | 0.29 | 0.18 | 0.01 |
| (2) 201 10010 | , , | 1 10111 20g | 0.00 | 0.00 | 120.00 | 1/2" | 0.36 | 0.24 | 0.01 |
| | | | 0.00 | | | Ice | 0.44 | 0.31 | 0.01 |
| | | | | | | 1" Ice | 0.62 | 0.47 | 0.02 |
| (2) LGP13519 | В | From Leg | 4.00 | 0.00 | 120.00 | 2" Ice No Ice | 0.29 | 0.18 | 0.01 |
| (2) LOT 10010 | Ь | 1 Tolli Log | 0.00 | 0.00 | 120.00 | 1/2" | 0.25 | 0.24 | 0.01 |
| | | | 0.00 | | | Ice | 0.44 | 0.31 | 0.01 |
| | | | | | | 1" Ice | 0.62 | 0.47 | 0.02 |
| (2) LGP13519 | С | From Leg | 4.00 | 0.00 | 120.00 | 2" Ice No Ice | 0.29 | 0.18 | 0.01 |
| (2) LOI 10019 | C | 1 Tolli Leg | 0.00 | 0.00 | 120.00 | 1/2" | 0.23 | 0.10 | 0.01 |
| | | | 0.00 | | | Ice | 0.44 | 0.31 | 0.01 |
| | | | | | | 1" Ice | 0.62 | 0.47 | 0.02 |
| RRUS 8843 B2/B66A | Α | From Leg | 4.00 | 0.00 | 120.00 | 2" Ice No Ice | 1.64 | 1.35 | 0.07 |
| 111100 0040 BZ/B00/1 | , , | r rom Log | 0.00 | 0.00 | 120.00 | 1/2" | 1.80 | 1.50 | 0.09 |
| | | | 0.00 | | | Ice | 1.97 | 1.65 | 0.11 |
| | | | | | | 1" Ice | 2.32 | 1.99 | 0.16 |
| RRUS 8843 B2/B66A | В | From Leg | 4.00 | 0.00 | 120.00 | 2" Ice No Ice | 1.64 | 1.35 | 0.07 |
| 111100 0040 BZ/B00/1 | | r rom Log | 0.00 | 0.00 | 120.00 | 1/2" | 1.80 | 1.50 | 0.09 |
| | | | 0.00 | | | Ice | 1.97 | 1.65 | 0.11 |
| | | | | | | 1" Ice | 2.32 | 1.99 | 0.16 |
| RRUS 8843 B2/B66A | С | From Leg | 4.00 | 0.00 | 120.00 | 2" Ice No Ice | 1.64 | 1.35 | 0.07 |
| 14100 00 10 02/000/1 | Ü | r rom Log | 0.00 | 0.00 | 120.00 | 1/2" | 1.80 | 1.50 | 0.09 |
| | | | 0.00 | | | Ice | 1.97 | 1.65 | 0.11 |
| | | | | | | 1" lce 2" lce | 2.32 | 1.99 | 0.16 |
| RRUS 4449 B5/B12 | Α | From Leg | 4.00 | 0.00 | 120.00 | No Ice | 1.97 | 1.41 | 0.07 |
| | | | 0.00 | | | 1/2" | 2.14 | 1.56 | 0.09 |
| | | | 0.00 | | | Ice | 2.33 | 1.73 | 0.11 |
| | | | | | | 1" Ice 2" Ice | 2.72 | 2.07 | 0.16 |
| RRUS 4449 B5/B12 | В | From Leg | 4.00 | 0.00 | 120.00 | No Ice | 1.97 | 1.41 | 0.07 |
| | | 3 | 0.00 | | | 1/2" | 2.14 | 1.56 | 0.09 |
| | | | 0.00 | | | Ice | 2.33 | 1.73 | 0.11 |
| | | | | | | 1" lce 2" lce | 2.72 | 2.07 | 0.16 |
| RRUS 4449 B5/B12 | С | From Leg | 4.00 | 0.00 | 120.00 | No Ice | 1.97 | 1.41 | 0.07 |
| | | • | 0.00 | | | 1/2" | 2.14 | 1.56 | 0.09 |
| | | | 0.00 | | | Ice | 2.33 | 1.73 | 0.11 |
| | | | 0.00 | | | 1" Ice | 2.72 | 2.07 | 0.16 |

| Description | Face or Leg | Offset Type | Offsets: Horz Lateral | Azimuth Adjustmen t | Placement | | C _A A _A Front | C _A A _A Side | Weight |
|------------------------------------|-------------------|----------------|-----------------------------|---------------------------|-----------|---|--|---------------------------------------|------------------------------|
| | 3 | | Vert ft ft ft | ٥ | ft | | ft² | ft² | К |
| RRUS 4478 B14_CCIV2 | A | From Leg | 4.00 0.00 0.00 | 0.00 | 120.00 | No Ice 1/2" Ice 1" Ice | 2.02 2.20 2.39 2.78 | 1.25 1.40 1.55 1.89 | 0.06 0.08 0.10 0.15 |
| RRUS 4478 B14_CCIV2 | В | From Leg | 4.00 0.00 0.00 | 0.00 | 120.00 | 2" Ice No Ice 1/2" Ice 1" Ice | 2.02 2.20 2.39 2.78 | 1.25 1.40 1.55 1.89 | 0.06 0.08 0.10 0.15 |
| RRUS 4478 B14_CCIV2 | С | From Leg | 4.00 0.00 0.00 | 0.00 | 120.00 | 2" Ice No Ice 1/2" Ice 1" Ice | 2.02 2.20 2.39 2.78 | 1.25 1.40 1.55 1.89 | 0.06 0.08 0.10 0.15 |
| DC6-48-60-18-8C | В | From Leg | 4.00 0.00 0.00 | 0.00 | 120.00 | 2" Ice No Ice 1/2" Ice 1" Ice | 1.14 1.79 2.00 2.45 | 1.14 1.79 2.00 2.45 | 0.03 0.05 0.07 0.13 |
| Platform Mount [LP 712-1] | С | None | | 0.00 | 120.00 | 2" Ice No Ice 1/2" Ice 1" Ice | 24.56 27.92 31.27 37.98 | 24.56 27.92 31.27 37.98 | 1.34 1.91 2.55 3.97 |
| site pro 1 HRK-12 [NA 507-1] | С | None | | 0.00 | 120.00 | 2" Ice No Ice 1/2" Ice 1" Ice 2" Ice | 4.56 6.39 8.18 11.66 | 4.56 6.39 8.18 11.66 | 0.25 0.31 0.40 0.66 |
| (2) LPA-80080/6CF w/ Mount Pipe | Α | From Leg | 4.00 0.00 0.00 | 0.00 | 110.00 | No Ice 1/2" Ice 1" Ice 2" Ice | 4.56 5.11 5.61 6.65 | 10.26 11.43 12.31 14.13 | 0.05 0.11 0.19 0.36 |
| (2) LPA-80080/6CF w/ Mount Pipe | В | From Leg | 4.00 0.00 0.00 | 0.00 | 110.00 | No Ice 1/2" Ice 1" Ice 2" Ice | 4.56 5.11 5.61 6.65 | 10.26 11.43 12.31 14.13 | 0.05 0.11 0.19 0.36 |
| (2) LPA-80080/6CF w/ Mount Pipe | С | From Leg | 4.00 0.00 0.00 | 0.00 | 110.00 | No Ice 1/2" Ice 1" Ice 2" Ice | 4.56 5.11 5.61 6.65 | 10.26 11.43 12.31 14.13 | 0.05 0.11 0.19 0.36 |
| NHH-65B-R2B w/ Mount Pipe | Α | From Leg | 4.00 0.00 0.00 | 0.00 | 110.00 | No Ice 1/2" Ice 1" Ice | 4.09 4.48 4.88 5.70 | 3.29 3.67 4.06 4.86 | 0.07 0.13 0.21 0.39 |
| NHH-65B-R2B w/ Mount Pipe | В | From Leg | 4.00 0.00 0.00 | 0.00 | 110.00 | 2" Ice No Ice 1/2" Ice 1" Ice | 4.09 4.48 4.88 5.70 | 3.29 3.67 4.06 4.86 | 0.07 0.13 0.21 0.39 |
| NHH-65B-R2B w/ Mount Pipe | С | From Leg | 4.00 0.00 0.00 | 0.00 | 110.00 | 2" Ice No Ice 1/2" Ice 1" Ice | 4.09 4.48 4.88 5.70 | 3.29 3.67 4.06 4.86 | 0.07 0.13 0.21 0.39 |
| NHHSS-65B-R2B w/ Mount Pipe | Α | From Leg | 4.00 0.00 0.00 | 0.00 | 110.00 | 2" Ice No Ice 1/2" Ice 1" Ice | 3.89 4.27 4.65 5.43 | 3.14 3.50 3.87 4.63 | 0.09 0.15 0.23 0.41 |

| Description | Face or | Offset Type | Offsets: Horz | Azimuth Adjustmen | Placement | | C _A A _A Front | C _A A _A Side | Weight |
|--------------------------------|------------|----------------|------------------|----------------------|-----------|------------------|--|---------------------------------------|--------------|
| | Leg | | Lateral Vert | t | | | | | |
| | | | ft ft ft | ۰ | ft | | ft² | ft² | K |
| NHHSS-65B-R2B w/ | В | From Leg | 4.00 | 0.00 | 110.00 | 2" Ice No Ice | 3.89 | 3.14 | 0.09 |
| Mount Pipe | Ь | r tolli Leg | 0.00 | 0.00 | 110.00 | 1/2" | 4.27 | 3.14 | 0.09 |
| • | | | 0.00 | | | Ice | 4.65 | 3.87 | 0.23 |
| | | | | | | 1" Ice | 5.43 | 4.63 | 0.41 |
| NULLICE CER DOD/ | 0 | Г., | 4.00 | 0.00 | 110.00 | 2" Ice | 2.00 | 2.44 | 0.00 |
| NHHSS-65B-R2B w/ Mount Pipe | С | From Leg | 4.00 0.00 | 0.00 | 110.00 | No Ice 1/2" | 3.89 4.27 | 3.14 3.50 | 0.09 0.15 |
| Would Tipe | | | 0.00 | | | Ice | 4.65 | 3.87 | 0.13 |
| | | | | | | 1" Ice | 5.43 | 4.63 | 0.41 |
| | | _ | | | | 2" Ice | | | |
| MT6407-77A w/ Mount | Α | From Leg | 4.00 0.00 | 0.00 | 110.00 | No Ice 1/2" | 4.91 5.26 | 2.68 3.14 | 0.10 |
| Pipe | | | 0.00 | | | I/2 | 5.20 | 3.14 | 0.14 0.18 |
| | | | 0.00 | | | 1" Ice | 6.36 | 4.63 | 0.10 |
| | | | | | | 2" Ice | | | |
| MT6407-77A w/ Mount | В | From Leg | 4.00 | 0.00 | 110.00 | No Ice | 4.91 | 2.68 | 0.10 |
| Pipe | | | 0.00 0.00 | | | 1/2" | 5.26 5.61 | 3.14 3.62 | 0.14 0.18 |
| | | | 0.00 | | | Ice 1" Ice | 6.36 | 3.62 4.63 | 0.16 |
| | | | | | | 2" Ice | 0.00 | 1.00 | 0.20 |
| MT6407-77A w/ Mount | С | From Leg | 4.00 | 0.00 | 110.00 | No Ice | 4.91 | 2.68 | 0.10 |
| Pipe | | | 0.00 | | | 1/2" | 5.26 | 3.14 | 0.14 |
| | | | 0.00 | | | Ice 1" Ice | 5.61 6.36 | 3.62 4.63 | 0.18 0.29 |
| | | | | | | 2" Ice | 0.30 | 4.03 | 0.29 |
| (2) CBRS RT4401-48A | Α | From Leg | 4.00 | 0.00 | 110.00 | No Ice | 0.99 | 0.50 | 0.02 |
| | | | 0.00 | | | 1/2" | 1.12 | 0.60 | 0.03 |
| | | | 0.00 | | | Ice 1" Ice | 1.26 1.55 | 0.70 0.94 | 0.04 0.06 |
| | | | | | | 2" Ice | 1.00 | 0.94 | 0.00 |
| CBRS RT4401-48A | В | From Leg | 4.00 | 0.00 | 110.00 | No Ice | 0.99 | 0.50 | 0.02 |
| | | | 0.00 | | | 1/2" | 1.12 | 0.60 | 0.03 |
| | | | 0.00 | | | Ice 1" Ice | 1.26 | 0.70 | 0.04 |
| | | | | | | 2" Ice | 1.55 | 0.94 | 0.06 |
| RF4439D-25A | Α | From Leg | 4.00 | 0.00 | 110.00 | No Ice | 1.87 | 1.25 | 0.07 |
| | | _ | 0.00 | | | 1/2" | 2.03 | 1.39 | 0.09 |
| | | | 0.00 | | | Ice | 2.21 | 1.54 | 0.11 |
| | | | | | | 1" Ice 2" Ice | 2.59 | 1.87 | 0.17 |
| RF4439D-25A | В | From Leg | 4.00 | 0.00 | 110.00 | No Ice | 1.87 | 1.25 | 0.07 |
| | | _ | 0.00 | | | 1/2" | 2.03 | 1.39 | 0.09 |
| | | | 0.00 | | | Ice 1" Ice | 2.21 | 1.54 | 0.11 |
| | | | | | | 2" Ice | 2.59 | 1.87 | 0.17 |
| RF4439D-25A | С | From Leg | 4.00 | 0.00 | 110.00 | No Ice | 1.87 | 1.25 | 0.07 |
| | | | 0.00 | | | 1/2" | 2.03 | 1.39 | 0.09 |
| | | | 0.00 | | | Ice 1" Ice | 2.21 | 1.54 | 0.11 |
| | | | | | | 2" Ice | 2.59 | 1.87 | 0.17 |
| RF4440D-13A | Α | From Leg | 4.00 | 0.00 | 110.00 | No Ice | 1.87 | 1.13 | 0.07 |
| | | _ | 0.00 | | | 1/2" | 2.03 | 1.27 | 0.09 |
| | | | 0.00 | | | Ice | 2.21 | 1.41 | 0.11 |
| | | | | | | 1" Ice 2" Ice | 2.59 | 1.72 | 0.16 |
| RF4440D-13A | В | From Leg | 4.00 | 0.00 | 110.00 | No Ice | 1.87 | 1.13 | 0.07 |
| | | | 0.00 | | | 1/2" | 2.03 | 1.27 | 0.09 |
| | | | 0.00 | | | Ice | 2.21 | 1.41 | 0.11 |
| | | | | | | 1" Ice 2" Ice | 2.59 | 1.72 | 0.16 |
| RF4440D-13A | С | From Leg | 4.00 | 0.00 | 110.00 | No Ice | 1.87 | 1.13 | 0.07 |
| | | - | 0.00 | | | 1/2" | 2.03 | 1.27 | 0.09 |
| | | | 0.00 | | | Ice 1" Ice | 2.21 2.59 | 1.41 1.72 | 0.11 0.16 |
| | | | | | | 1 100 | 2.00 | 1.12 | 0.10 |

| Description | Face or Leg | Offset Type | Offsets: Horz Lateral | Azimuth Adjustmen t | Placement | | C _A A _A Front | C _A A _A Side | Weight |
|---|-------------------|----------------|-----------------------------|---------------------------|-----------|---|--|---------------------------------------|------------------------------|
| | | | Vert ft ft ft | ۰ | ft | | ft² | ft² | К |
| RRFDC-3315-PF-48 | В | From Leg | 4.00 0.00 0.00 | 0.00 | 110.00 | 2" Ice No Ice 1/2" Ice 1" Ice | 3.71 3.95 4.20 4.72 | 2.19 2.39 2.61 3.05 | 0.02 0.05 0.09 0.17 |
| RRFDC-3315-PF-48 | С | From Leg | 4.00 0.00 0.00 | 0.00 | 110.00 | 2" Ice No Ice 1/2" Ice 1" Ice 2" Ice | 3.71 3.95 4.20 4.72 | 2.19 2.39 2.61 3.05 | 0.02 0.05 0.09 0.17 |
| Platform Mount [LP 303-1] | С | None | | 0.00 | 110.00 | No Ice 1/2" Ice 1" Ice 2" Ice | 14.69 18.01 21.34 28.08 | 14.69 18.01 21.34 28.08 | 1.25 1.57 1.94 2.85 |
| BASMNT-SBS-1-2 Side By Side Bracket [BSAMNT- SBS-2-2] | Α | From Leg | 4.00 0.00 0.00 | 0.00 | 110.00 | No Ice 1/2" Ice 1" Ice 2" Ice | 0.00 0.00 0.00 0.00 | 0.00 0.00 0.00 0.00 | 0.07 0.09 0.11 0.15 |
| BASMNT-SBS-1-2 Side By Side Bracket [BSAMNT- SBS-2-2] | В | From Leg | 4.00 0.00 0.00 | 0.00 | 110.00 | No Ice 1/2" Ice 1" Ice 2" Ice | 0.00 0.00 0.00 0.00 | 0.00 0.00 0.00 0.00 | 0.07 0.09 0.11 0.15 |
| BASMNT-SBS-1-2 Side By Side Bracket [BSAMNT- SBS-2-2] | С | From Leg | 4.00 0.00 0.00 | 0.00 | 110.00 | No Ice 1/2" Ice 1" Ice 2" Ice | 0.00 0.00 0.00 0.00 | 0.00 0.00 0.00 0.00 | 0.07 0.09 0.11 0.15 |

Load Combinations

| Comb. No. | Description |
|--------------|------------------------------------|
| 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 6 | 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 |
| 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 |
| | |

| Comb. | Description |
|----------|--|
| No. | |
| 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 43 | Dead+Wind 90 deg - Service |
| 43 44 | Dead+Wind 120 deg - Service |
| 44 45 | Dead+Wind 150 deg - Service Dead+Wind 180 deg - Service |
| 46 | Dead+Wind 210 deg - Service Dead+Wind 210 deg - Service |
| 40 47 | Dead+Wind 240 deg - Service Dead+Wind 240 deg - Service |
| 48 | Dead+Wind 240 deg - Service Dead+Wind 270 deg - Service |
| 49 | Dead+Wind 300 deg - Service |
| 50 | Dead+Wind 330 deg - Service Dead+Wind 330 deg - Service |
| | Bodd - Willia 000 dog Ool vioo |

Maximum Member Forces

| Sectio n No. | Elevation ft | Component Type | Condition | Gov. Load Comb. | Axial K | Major Axis Moment kip-ft | Minor Axis Moment kip-ft |
|--------------------|-------------------------|-------------------|------------------|-----------------------|------------|--------------------------------|--------------------------------|
| L1 | 120 - 92.51 | Pole | Max Tension | 1 | 0.00 | 0.00 | 0.00 |
| LI | 120 - 32.31 | i oie | Max. Compression | 26 | -26.16 | -2.02 | -1.04 |
| | | | Max. Mx | 8 | -9.88 | -153.03 | -1.65 |
| | | | | - | | | |
| | | | Max. My | 14 | -9.89 | -2.09 | -150.54 |
| | | | Max. Vy | 8 | 9.07 | -153.03 | -1.65 |
| | | | Max. Vx | 14 | 8.97 | -2.09 | -150.54 |
| | | | Max. Torque | 4 | | | -1.05 |
| L2 | 92.51 - 45.69 | Pole | Max Tension | 1 | 0.00 | 0.00 | 0.00 |
| | | | Max. Compression | 26 | -41.99 | -1.49 | -1.35 |
| | | | Max. Mx | 8 | -20.36 | -636.91 | -5.06 |
| | | | Max. My | 14 | -20.36 | -5.44 | -629.89 |
| | | | Max. Vy | 8 | 12.40 | -636.91 | -5.06 |
| | | | Max. Vx | 14 | 12.30 | -5.44 | -629.89 |
| | | | Max. Torque | 4 | | 0 | -1.02 |
| L3 | 45.69 - 0 | Pole | Max Tension | 1 | 0.00 | 0.00 | 0.00 |
| | | | Max. Compression | 26 | -67.93 | -0.92 | -1.68 |
| | | | Max. Mx | 8 | -39.28 | -1389.42 | -8.99 |
| | | | Max. My | 14 | -39.28 | -9.30 | -1377.16 |
| | | | Max. Vy | 8 | 16.29 | -1389.42 | -8.99 |
| | | | Max. Vx | 14 | 16.19 | -9.30 | -1377.16 |
| | | | Max. Torque | 4 | 10.10 | 0.00 | -0.95 |
| | | | | | | | |

Maximum Reactions

| Location | Condition | Gov. Load Comb. | Vertical K | Horizontal, X K | Horizontal, Z K |
|----------|-----------|-----------------------|---------------|--------------------|--------------------|
| Pole | Max. Vert | 26 | 67.93 | 0.00 | 0.00 |

| Location | Condition | Gov. | Vertical | Horizontal, X | Horizontal, Z |
|----------|---------------------|-------|----------|---------------|---------------|
| | | Load | K | K | K |
| | | Comb. | | | |
| | Max. H _x | 21 | 29.46 | 16.28 | 0.07 |
| | Max. H _z | 2 | 39.28 | 0.07 | 16.18 |
| | Max. M _x | 2 | 1376.95 | 0.07 | 16.18 |
| | $Max. M_z$ | 8 | 1389.42 | -16.28 | -0.07 |
| | Max. Torsion | 18 | 0.93 | 14.06 | -8.03 |
| | Min. Vert | 17 | 29.46 | 8.08 | -13.97 |
| | Min. H _x | 8 | 39.28 | -16.28 | -0.07 |
| | Min. H _z | 14 | 39.28 | -0.07 | -16.18 |
| | Min. M _x | 14 | -1377.16 | -0.07 | -16.18 |
| | Min. M _z | 20 | -1388.57 | 16.28 | 0.07 |
| | Min. Torsion | 6 | -0.93 | -14.06 | 8.03 |

Tower Mast Reaction Summary

| Load Combination | Vertical | Shear _x | Shear₂ | Overturning Moment, M _x | Overturning Moment, M _z | Torque |
|-------------------------------------|----------|--------------------|--------|---------------------------------------|---------------------------------------|--------|
| | K | K | K | kip-ft | kip-ft | kip-ft |
| Dead Only | 32.73 | 0.00 | 0.00 | 0.09 | -0.34 | 0.00 |
| 1.2 Dead+1.0 Wind 0 deg - | 39.28 | -0.07 | -16.18 | -1376.95 | 8.46 | 0.6 |
| No Ice | | | | | | |
| 0.9 Dead+1.0 Wind 0 deg - | 29.46 | -0.07 | -16.18 | -1372.74 | 8.54 | 0.6 |
| No Ice | | | | | | |
| 1.2 Dead+1.0 Wind 30 deg - | 39.28 | 8.08 | -13.97 | -1188.02 | -687.23 | 0.89 |
| No Ice | | | | | | |
| 0.9 Dead+1.0 Wind 30 deg - | 29.46 | 8.08 | -13.97 | -1184.40 | -685.01 | 0.89 |
| No Ice | | | | | | |
| 1.2 Dead+1.0 Wind 60 deg - | 39.28 | 14.06 | -8.03 | -680.73 | -1198.89 | 0.93 |
| No Ice | | | | | | |
| 0.9 Dead+1.0 Wind 60 deg - | 29.46 | 14.06 | -8.03 | -678.67 | -1195.09 | 0.93 |
| No Ice | | | | | | |
| 1.2 Dead+1.0 Wind 90 deg - | 39.28 | 16.28 | 0.07 | 8.99 | -1389.42 | 0.73 |
| No Ice | | | | | | |
| 0.9 Dead+1.0 Wind 90 deg - | 29.46 | 16.28 | 0.07 | 8.93 | -1385.03 | 0.7 |
| No Ice | | | | | | |
| 1.2 Dead+1.0 Wind 120 deg | 39.28 | 14.13 | 8.15 | 696.32 | -1207.77 | 0.3 |
| · No Ice | | | | | | |
| 0.9 Dead+1.0 Wind 120 deg | 29.46 | 14.13 | 8.15 | 694.15 | -1203.94 | 0.3 |
| No Ice | | | | | | |
| 1.2 Dead+1.0 Wind 150 deg | 39.28 | 8.20 | 14.05 | 1197.11 | -702.61 | -0.1 |
| No Ice | | | | | | |
| 0.9 Dead+1.0 Wind 150 deg | 29.46 | 8.20 | 14.05 | 1193.40 | -700.34 | -0.1 |
| No Ice | | | | | | |
| 1.2 Dead+1.0 Wind 180 deg | 39.28 | 0.07 | 16.18 | 1377.16 | -9.30 | -0.6 |
| · No Ice | | | | | | |
| 0.9 Dead+1.0 Wind 180 deg | 29.46 | 0.07 | 16.18 | 1372.90 | -9.16 | -0.6 |
| · No Ice | | | | | | |
| 1.2 Dead+1.0 Wind 210 deg | 39.28 | -8.08 | 13.97 | 1188.23 | 686.39 | -0.8 |
| No Ice | | | | | | |
| 0.9 Dead+1.0 Wind 210 deg | 29.46 | -8.08 | 13.97 | 1184.55 | 684.38 | -0.8 |
| No Ice | | | | | | |
| 1.2 Dead+1.0 Wind 240 deg | 39.28 | -14.06 | 8.03 | 680.94 | 1198.04 | -0.9 |
| No Ice | | | | | | |
| 0.9 Dead+1.0 Wind 240 deg | 29.46 | -14.06 | 8.03 | 678.83 | 1194.46 | -0.9 |
| No Ice | | | | | | |
| 1.2 Dead+1.0 Wind 270 deg | 39.28 | -16.28 | -0.07 | -8.78 | 1388.57 | -0.7 |
| No Ice | | | | | | |
| 0.9 Dead+1.0 Wind 270 deg | 29.46 | -16.28 | -0.07 | -8.77 | 1384.41 | -0.7 |
| No Ice | | | | | | |
| 1.2 Dead+1.0 Wind 300 deg | 39.28 | -14.13 | -8.15 | -696.11 | 1206.92 | -0.3 |
| No Ice | | | | | | |
| 0.9 Dead+1.0 Wind 300 deg | 29.46 | -14.13 | -8.15 | -694.00 | 1203.31 | -0.3 |
| No Ice | | | | | | _ |
| 1.2 Dead+1.0 Wind 330 deg | 39.28 | -8.20 | -14.05 | -1196.90 | 701.77 | 0.1 |
| | | | | | | |
| No Ice 0.9 Dead+1.0 Wind 330 deg | 29.46 | -8.20 | -14.05 | -1193.24 | 699.71 | 0.1 |

| Load Combination | Vertical | Shear _x | Shearz | Overturning Moment, M_x | Overturning Moment, M_z | Torque |
|----------------------------|----------|--------------------|---------------|---------------------------|---------------------------|--------|
| | K | K | K | kip-ft | kip-ft | kip-ft |
| - No Ice | | | | | | |
| 1.2 Dead+1.0 Ice+1.0 Temp | 67.93 | 0.00 | 0.00 | 1.68 | -0.92 | -0.00 |
| 1.2 Dead+1.0 Wind 0 | 67.93 | -0.02 | - 5.19 | -424.99 | 1.52 | -0.64 |
| deg+1.0 Ice+1.0 Temp | | | | | | |
| 1.2 Dead+1.0 Wind 30 | 67.93 | 2.58 | -4.49 | -366.57 | -212.72 | -0.24 |
| deg+1.0 Ice+1.0 Temp | | | | | | |
| 1.2 Dead+1.0 Wind 60 | 67.93 | 4.49 | -2.58 | -209.45 | -370.22 | 0.23 |
| deg+1.0 Ice+1.0 Temp | | | | | | |
| 1.2 Dead+1.0 Wind 90 | 67.93 | 5.20 | 0.02 | 4.26 | -428.79 | 0.63 |
| deg+1.0 Ice+1.0 Temp | | | | | | |
| 1.2 Dead+1.0 Wind 120 | 67.93 | 4.51 | 2.61 | 217.29 | -372.73 | 0.87 |
| deg+1.0 Ice+1.0 Temp | | | | | | |
| 1.2 Dead+1.0 Wind 150 | 67.93 | 2.62 | 4.51 | 372.57 | -217.06 | 0.87 |
| deg+1.0 Ice+1.0 Temp | | | | | | |
| 1.2 Dead+1.0 Wind 180 | 67.93 | 0.02 | 5.19 | 428.49 | -3.50 | 0.64 |
| deg+1.0 Ice+1.0 Temp | | | | | | |
| 1.2 Dead+1.0 Wind 210 | 67.93 | -2.58 | 4.49 | 370.07 | 210.74 | 0.24 |
| deg+1.0 Ice+1.0 Temp | | | | | | |
| 1.2 Dead+1.0 Wind 240 | 67.93 | -4.49 | 2.58 | 212.95 | 368.24 | -0.23 |
| deg+1.0 Ice+1.0 Temp | | | | | | |
| 1.2 Dead+1.0 Wind 270 | 67.93 | -5.20 | -0.02 | -0.76 | 426.81 | -0.63 |
| deg+1.0 Ice+1.0 Temp | | | | | | |
| 1.2 Dead+1.0 Wind 300 | 67.93 | -4.51 | -2.61 | -213.79 | 370.75 | -0.87 |
| deg+1.0 Ice+1.0 Temp | | | | | | |
| 1.2 Dead+1.0 Wind 330 | 67.93 | -2.62 | -4.51 | -369.07 | 215.08 | -0.87 |
| deg+1.0 Ice+1.0 Temp | | | | | | |
| Dead+Wind 0 deg - Service | 32.73 | -0.02 | -3.81 | -323.89 | 1.74 | 0.15 |
| Dead+Wind 30 deg - Service | 32.73 | 1.90 | -3.29 | -279.45 | -161.94 | 0.22 |
| Dead+Wind 60 deg - Service | 32.73 | 3.31 | -1.89 | -160.10 | -282.31 | 0.22 |
| Dead+Wind 90 deg - Service | 32.73 | 3.84 | 0.02 | 2.17 | -327.14 | 0.17 |
| Dead+Wind 120 deg - | 32.73 | 3.33 | 1.92 | 163.89 | -284.40 | 0.07 |
| Service | | | | | | |
| Dead+Wind 150 deg - | 32.73 | 1.93 | 3.31 | 281.71 | -165.55 | -0.05 |
| Service | | | | | | |
| Dead+Wind 180 deg - | 32.73 | 0.02 | 3.81 | 324.07 | -2.44 | -0.15 |
| Service | | | | | | |
| Dead+Wind 210 deg - | 32.73 | -1.90 | 3.29 | 279.62 | 161.24 | -0.22 |
| Service | | | | | | |
| Dead+Wind 240 deg - | 32.73 | -3.31 | 1.89 | 160.27 | 281.61 | -0.22 |
| Service | | | | | | _ |
| Dead+Wind 270 deg - | 32.73 | -3.84 | -0.02 | -2.00 | 326.44 | -0.17 |
| Service | | | | | | |
| Dead+Wind 300 deg - | 32.73 | -3.33 | -1.92 | -163.71 | 283.70 | -0.07 |
| Service | | | | | | |
| Dead+Wind 330 deg - | 32.73 | -1.93 | -3.31 | -281.53 | 164.85 | 0.05 |
| Service | | | | | | |

Solution Summary

| | Sun | n of Applied Force | es | | Sum of Reactio | ns | |
|-------|-------|--------------------|--------|--------|----------------|---------------|---------|
| Load | PX | PY | PZ | PX | PY | PZ | % Error |
| Comb. | K | K | K | K | K | K | |
| 1 | 0.00 | -32.73 | 0.00 | 0.00 | 32.73 | 0.00 | 0.000% |
| 2 | -0.07 | -39.28 | -16.18 | 0.07 | 39.28 | 16.18 | 0.000% |
| 3 | -0.07 | -29.46 | -16.18 | 0.07 | 29.46 | 16.18 | 0.000% |
| 4 | 8.08 | -39.28 | -13.97 | -8.08 | 39.28 | 13.97 | 0.000% |
| 5 | 8.08 | -29.46 | -13.97 | -8.08 | 29.46 | 13.97 | 0.000% |
| 6 | 14.06 | -39.28 | -8.03 | -14.06 | 39.28 | 8.03 | 0.000% |
| 7 | 14.06 | -29.46 | -8.03 | -14.06 | 29.46 | 8.03 | 0.000% |
| 8 | 16.28 | -39.28 | 0.07 | -16.28 | 39.28 | -0.07 | 0.000% |
| 9 | 16.28 | -29.46 | 0.07 | -16.28 | 29.46 | -0.07 | 0.000% |
| 10 | 14.13 | -39.28 | 8.15 | -14.13 | 39.28 | - 8.15 | 0.000% |
| 11 | 14.13 | -29.46 | 8.15 | -14.13 | 29.46 | -8.15 | 0.000% |
| 12 | 8.20 | -39.28 | 14.05 | -8.20 | 39.28 | -14.05 | 0.000% |
| 13 | 8.20 | -29.46 | 14.05 | -8.20 | 29.46 | -14.05 | 0.000% |
| 14 | 0.07 | -39.28 | 16.18 | -0.07 | 39.28 | -16.18 | 0.000% |

| | Sur | n of Applied Force | es | | Sum of Reactio | ns | |
|-------|--------|--------------------|--------|-------|----------------|---------------|---------|
| Load | PX | PY | PZ | PX | PY | PZ | % Error |
| Comb. | K | K | K | K | K | K | |
| 15 | 0.07 | -29.46 | 16.18 | -0.07 | 29.46 | -16.18 | 0.000% |
| 16 | -8.08 | -39.28 | 13.97 | 8.08 | 39.28 | -13.97 | 0.000% |
| 17 | -8.08 | -29.46 | 13.97 | 8.08 | 29.46 | -13.97 | 0.000% |
| 18 | -14.06 | -39.28 | 8.03 | 14.06 | 39.28 | -8.03 | 0.000% |
| 19 | -14.06 | -29.46 | 8.03 | 14.06 | 29.46 | -8.03 | 0.000% |
| 20 | -16.28 | -39.28 | -0.07 | 16.28 | 39.28 | 0.07 | 0.000% |
| 21 | -16.28 | -29.46 | -0.07 | 16.28 | 29.46 | 0.07 | 0.000% |
| 22 | -14.13 | -39.28 | -8.15 | 14.13 | 39.28 | 8.15 | 0.000% |
| 23 | -14.13 | -29.46 | -8.15 | 14.13 | 29.46 | 8.15 | 0.000% |
| 24 | -8.20 | -39.28 | -14.05 | 8.20 | 39.28 | 14.05 | 0.000% |
| 25 | -8.20 | -29.46 | -14.05 | 8.20 | 29.46 | 14.05 | 0.000% |
| 26 | 0.00 | -67.93 | 0.00 | 0.00 | 67.93 | 0.00 | 0.000% |
| 27 | -0.02 | -67.93 | -5.19 | 0.02 | 67.93 | 5.19 | 0.000% |
| 28 | 2.58 | -67.93 | -4.49 | -2.58 | 67.93 | 4.49 | 0.000% |
| 29 | 4.49 | -67.93 | -2.58 | -4.49 | 67.93 | 2.58 | 0.000% |
| 30 | 5.20 | -67.93 | 0.02 | -5.20 | 67.93 | -0.02 | 0.000% |
| 31 | 4.51 | -67.93 | 2.61 | -4.51 | 67.93 | -2.61 | 0.000% |
| 32 | 2.62 | -67.93 | 4.51 | -2.62 | 67.93 | -4.51 | 0.000% |
| 33 | 0.02 | -67.93 | 5.19 | -0.02 | 67.93 | -5.19 | 0.000% |
| 34 | -2.58 | -67.93 | 4.49 | 2.58 | 67.93 | -4.49 | 0.000% |
| 35 | -4.49 | -67.93 | 2.58 | 4.49 | 67.93 | - 2.58 | 0.000% |
| 36 | -5.20 | -67.93 | -0.02 | 5.20 | 67.93 | 0.02 | 0.000% |
| 37 | -4.51 | -67.93 | -2.61 | 4.51 | 67.93 | 2.61 | 0.000% |
| 38 | -2.62 | -67.93 | -4.51 | 2.62 | 67.93 | 4.51 | 0.000% |
| 39 | -0.02 | -32.73 | -3.81 | 0.02 | 32.73 | 3.81 | 0.000% |
| 40 | 1.90 | -32.73 | -3.29 | -1.90 | 32.73 | 3.29 | 0.000% |
| 41 | 3.31 | -32.73 | -1.89 | -3.31 | 32.73 | 1.89 | 0.000% |
| 42 | 3.84 | -32.73 | 0.02 | -3.84 | 32.73 | -0.02 | 0.000% |
| 43 | 3.33 | -32.73 | 1.92 | -3.33 | 32.73 | -1.92 | 0.000% |
| 44 | 1.93 | -32.73 | 3.31 | -1.93 | 32.73 | -3.31 | 0.000% |
| 45 | 0.02 | -32.73 | 3.81 | -0.02 | 32.73 | -3.81 | 0.000% |
| 46 | -1.90 | -32.73 | 3.29 | 1.90 | 32.73 | -3.29 | 0.000% |
| 47 | -3.31 | -32.73 | 1.89 | 3.31 | 32.73 | -1.89 | 0.000% |
| 48 | -3.84 | -32.73 | -0.02 | 3.84 | 32.73 | 0.02 | 0.000% |
| 49 | -3.33 | -32.73 | -1.92 | 3.33 | 32.73 | 1.92 | 0.000% |
| 50 | -1.93 | -32.73 | -3.31 | 1.93 | 32.73 | 3.31 | 0.000% |

Non-Linear Convergence Results

| Load | Converged? | Number | Displacement | Force |
|-------------|------------|-----------|--------------|------------|
| Combination | | of Cycles | Tolerance | Tolerance |
| 1 | Yes | 4 | 0.0000001 | 0.0000001 |
| 2 | Yes | 4 | 0.0000001 | 0.00002592 |
| 3 | Yes | 4 | 0.0000001 | 0.00001768 |
| 4 | Yes | 4 | 0.0000001 | 0.00009560 |
| 5 | Yes | 4 | 0.0000001 | 0.00006512 |
| 6 | Yes | 4 | 0.0000001 | 0.00006742 |
| 7 | Yes | 4 | 0.0000001 | 0.00004526 |
| 8 | Yes | 4 | 0.0000001 | 0.00002226 |
| 9 | Yes | 4 | 0.0000001 | 0.00001510 |
| 10 | Yes | 4 | 0.0000001 | 0.00008203 |
| 11 | Yes | 4 | 0.0000001 | 0.00005535 |
| 12 | Yes | 4 | 0.0000001 | 0.00008610 |
| 13 | Yes | 4 | 0.0000001 | 0.00005824 |
| 14 | Yes | 4 | 0.0000001 | 0.00002828 |
| 15 | Yes | 4 | 0.0000001 | 0.00001932 |
| 16 | Yes | 4 | 0.0000001 | 0.00006733 |
| 17 | Yes | 4 | 0.0000001 | 0.00004529 |
| 18 | Yes | 4 | 0.0000001 | 0.00009449 |
| 19 | Yes | 4 | 0.0000001 | 0.00006436 |
| 20 | Yes | 4 | 0.0000001 | 0.00001985 |
| 21 | Yes | 4 | 0.0000001 | 0.00001341 |
| 22 | Yes | 4 | 0.0000001 | 0.00007765 |
| 23 | Yes | 4 | 0.0000001 | 0.00005233 |
| 24 | Yes | 4 | 0.0000001 | 0.00007441 |
| | | | | |

| 25 | Yes | 4 | 0.0000001 | 0.00005009 |
|----|-----|---|-----------|------------|
| 26 | Yes | 4 | 0.0000001 | 0.0000001 |
| 27 | Yes | 4 | 0.0000001 | 0.00023410 |
| 28 | Yes | 4 | 0.0000001 | 0.00023914 |
| 29 | Yes | 4 | 0.0000001 | 0.00024080 |
| 30 | Yes | 4 | 0.0000001 | 0.00023910 |
| 31 | Yes | 4 | 0.0000001 | 0.00024649 |
| 32 | Yes | 4 | 0.0000001 | 0.00024560 |
| 33 | Yes | 4 | 0.0000001 | 0.00023773 |
| 34 | Yes | 4 | 0.0000001 | 0.00023977 |
| 35 | Yes | 4 | 0.0000001 | 0.00023903 |
| 36 | Yes | 4 | 0.0000001 | 0.00023464 |
| 37 | Yes | 4 | 0.0000001 | 0.00024004 |
| 38 | Yes | 4 | 0.0000001 | 0.00023998 |
| 39 | Yes | 4 | 0.0000001 | 0.0000001 |
| 40 | Yes | 4 | 0.0000001 | 0.0000001 |
| 41 | Yes | 4 | 0.0000001 | 0.0000001 |
| 42 | Yes | 4 | 0.0000001 | 0.0000001 |
| 43 | Yes | 4 | 0.0000001 | 0.0000001 |
| 44 | Yes | 4 | 0.0000001 | 0.0000001 |
| 45 | Yes | 4 | 0.0000001 | 0.0000001 |
| 46 | Yes | 4 | 0.0000001 | 0.0000001 |
| 47 | Yes | 4 | 0.0000001 | 0.0000001 |
| 48 | Yes | 4 | 0.0000001 | 0.0000001 |
| 49 | Yes | 4 | 0.0000001 | 0.0000001 |
| 50 | Yes | 4 | 0.0000001 | 0.0000001 |

Maximum Tower Deflections - Service Wind

| Section No. | Elevation | Horz. Deflection | Gov. Load | Tilt | Twist |
|----------------|---------------|---------------------|--------------|------|-------|
| | ft | in | Comb. | 0 | 0 |
| L1 | 120 - 92.51 | 3.2733 | 43 | 0.24 | 0.00 |
| L2 | 97.68 - 45.69 | 2.2100 | 43 | 0.21 | 0.00 |
| L3 | 52.51 - 0 | 0.6426 | 43 | 0.11 | 0.00 |

Critical Deflections and Radius of Curvature - Service Wind

| Elevation | Appurtenance | Gov. Load | Deflection | Tilt | Twist | Radius of Curvature |
|-----------|----------------------------|--------------|------------|------|-------|------------------------|
| ft | | Comb. | in | ۰ | ۰ | ft |
| 120.00 | 7770.00 w/ Mount Pipe | 43 | 3.2733 | 0.24 | 0.00 | 143609 |
| 110.00 | (2) LPA-80080/6CF w/ Mount | 43 | 2.7858 | 0.23 | 0.00 | 71804 |
| | Pipe | | | | | |

Maximum Tower Deflections - Design Wind

| Section No. | Elevation | Horz. Deflection | Gov. Load | Tilt | Twist |
|----------------|---------------|---------------------|--------------|------|-------|
| | ft | in | Comb. | ۰ | ۰ |
| L1 | 120 - 92.51 | 13.8898 | 10 | 1.00 | 0.00 |
| L2 | 97.68 - 45.69 | 9.3830 | 10 | 0.89 | 0.00 |
| L3 | 52.51 - 0 | 2.7294 | 10 | 0.47 | 0.00 |

Critical Deflections and Radius of Curvature - Design Wind

| Elevation | Appurtenance | Gov. Load | Deflection | Tilt | Twist | Radius of Curvature |
|-----------|----------------------------|--------------|------------|------|-------|------------------------|
| ft | | Comb. | in | ۰ | ۰ | ft |
| 120.00 | 7770.00 w/ Mount Pipe | 10 | 13.8898 | 1.00 | 0.00 | 34143 |
| 110.00 | (2) LPA-80080/6CF w/ Mount | 10 | 11.8239 | 0.96 | 0.00 | 17072 |
| | Pipe | | | | | |

Compression Checks

| | Pole Design Data | | | | | | | | | | |
|----------------|--------------------|-----------------------------|-------|------|------|-----------------|--------|--------------------------------|-------------------------|--|--|
| Section No. | Elevation | Size | L | Lu | KI/r | А | Pu | ♦ <i>P</i> _n | Ratio P _u | | |
| | ft | | ft | ft | | in ² | K | K | ϕP_n | | |
| L1 | 120 - 92.51 (1) | TP37.3834x29.3x0.25 | 27.49 | 0.00 | 0.0 | 28.259 0 | -9.88 | 1653.15 | 0.006 | | |
| L2 | 92.51 - 45.69 (2) | TP50.5408x35.3632x0.37 5 | 51.99 | 0.00 | 0.0 | 57.340 1 | -20.36 | 3354.39 | 0.006 | | |
| L3 | 45.69 - 0 (3) | TP63x47.7998x0.4375 | 52.51 | 0.00 | 0.0 | 86.875 9 | -39.28 | 5082.24 | 0.008 | | |

| | Pole Bending Design Data | | | | | | | | | |
|----------------|--------------------------|-----------------------------|-----------------|--------------------------|--------------------------|-----------------|------------------|--------------------------|--|--|
| Section No. | Elevation | Size | M _{ux} | φ <i>M</i> _{nx} | Ratio M _{ux} | M _{uy} | φM _{ny} | Ratio M _{uy} | | |
| | ft | | kip-ft | kip-ft | ϕM_{nx} | kip-ft | kip-ft | ϕM_{ny} | | |
| L1 | 120 - 92.51 (1) | TP37.3834x29.3x0.25 | 153.86 | 1355.93 | 0.113 | 0.00 | 1355.93 | 0.000 | | |
| L2 | 92.51 - 45.69 (2) | TP50.5408x35.3632x0.37 5 | 639.54 | 3866.97 | 0.165 | 0.00 | 3866.97 | 0.000 | | |
| L3 | 45.69 - 0 (3) | TP63x47.7998x0.4375 | 1394.12 | 7311.70 | 0.191 | 0.00 | 7311.70 | 0.000 | | |

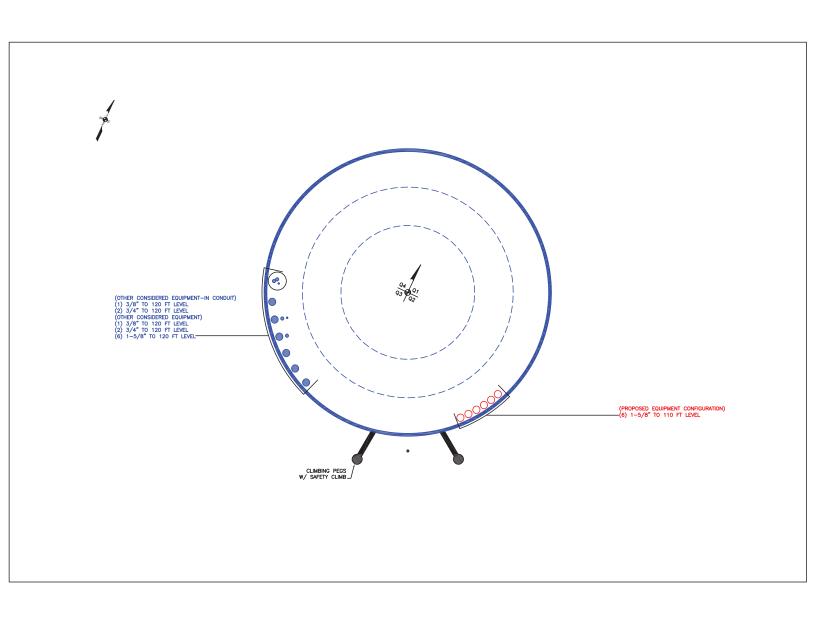
| | Pole Snear Design Data | | | | | | | | | | |
|----------------|------------------------|-----------------------------|--------------------------|------------|-------------------------|--------------------------|------------|-------------------------|--|--|--|
| Section No. | Elevation | Size | Actual V _u | ϕV_n | Ratio V _u | Actual T _u | ϕT_n | Ratio T _u | | | |
| | ft | | K | K | ϕV_n | kip-ft | kip-ft | ϕT_n | | | |
| L1 | 120 - 92.51 (1) | TP37.3834x29.3x0.25 | 9.11 | 495.95 | 0.018 | 0.07 | 1546.77 | 0.000 | | | |
| L2 | 92.51 - 45.69 (2) | TP50.5408x35.3632x0.37 5 | 12.44 | 1006.32 | 0.012 | 0.20 | 4245.57 | 0.000 | | | |
| L3 | 45.69 - 0 (3) | TP63x47.7998x0.4375 | 16.32 | 1524.67 | 0.011 | 0.32 | 8353.50 | 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 | φ <i>T</i> _n | Ratio | Ratio | | | | |
| L1 | 120 - 92.51 (1) | 0.006 | 0.113 | 0.000 | 0.018 | 0.000 | 0.120 | 1.050 | 4.8.2 | | | |
| L2 | 92.51 - 45.69 | 0.006 | 0.165 | 0.000 | 0.012 | 0.000 | 0.172 | 1.050 | 4.8.2 | | | |

| Section No. | Elevation | Ratio P _u | Ratio M _{ux} | Ratio M _{uy} | Ratio Vu | Ratio T _u | Comb. Stress | Allow. Stress | Criteria |
|----------------|----------------------|-------------------------|--------------------------|--------------------------|-------------|-------------------------|-----------------|------------------|----------|
| | ft | ϕP_n | ϕM_{nx} | ϕM_{ny} | ϕV_n | φ <i>T</i> _n | Ratio | Ratio | |
| L3 | (2) 45.69 - 0 (3) | 0.008 | 0.191 | 0.000 | 0.011 | 0.000 | 0.199 | 1.050 | 4.8.2 |

| Section Capacity Table | | | | | | | | |
|------------------------|-----------------|-------------------|-------------------------|---------------------|--------|--------------------------|---------------|--------------|
| Section No. | Elevation ft | Component Type | Size | Critical Element | P K | øP _{allow} K | % Capacity | Pass Fail |
| L1 | 120 - 92.51 | Pole | TP37.3834x29.3x0.25 | 1 | -9.88 | 1735.81 | 11.4 | Pass |
| L2 | 92.51 - 45.69 | Pole | TP50.5408x35.3632x0.375 | 2 | -20.36 | 3522.11 | 16.3 | Pass |
| L3 | 45.69 - 0 | Pole | TP63x47.7998x0.4375 | 3 | -39.28 | 5336.35 | 18.9 | Pass |
| | | | | | | | Summary | |
| | | | | | | Pole (L3) | 18.9 | Pass |
| | | | | | | RATING = | 18.9 | Pass |

APPENDIX B BASE LEVEL DRAWING



APPENDIX C ADDITIONAL CALCULATIONS

Monopole Base Plate Connection

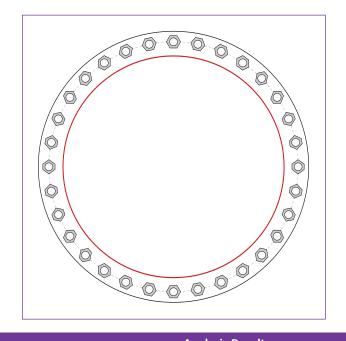


| Site Info | | |
|-----------|-----------|--------------------|
| | BU# | 857014 |
| | Site Name | AND - HARTLAND BOU |
| | Order# | 585190 Rev. 0 |

| Analysis Considerations | |
|--------------------------------|--------|
| TIA-222 Revision | Н |
| Grout Considered: | No |
| I _{ar} (in) | 2.5625 |

| Applied Loads | | | | |
|--------------------|---------|--|--|--|
| Moment (kip-ft) | 1394.12 | | | |
| Axial Force (kips) | 39.28 | | | |
| Shear Force (kips) | 16.32 | | | |

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



Connection Properties Anchor Rod Data (32) 2-1/4" ø bolts (A615-75 N; Fy=75 ksi, Fu=100 ksi) on 71" BC Base Plate Data 77" OD x 3.5" Plate (A572-60; Fy=60 ksi, Fu=75 ksi) Stiffener Data N/A Pole Data

| | _ |
|---|---|
| 63" x 0.4375" 18-sided pole (A572-65; Fy=65 ksi, Fu=80 ksi) | |
| 03 X 0.4373 10-314e4 pole (A372-03, Fy-03 k3), Fu-00 k3) | |
| | |
| | |

| Analysis Results | | | | |
|-------------------------|----------------|-----------------------|--|--|
| Anchor Rod Summary | (ui | nits of kips, kip-in) | | |
| Pu_c = 30.67 | φPn_c = 268.39 | Stress Rating | | |
| Vu = 0.51 | φVn = 120.77 | 11.5% | | |
| Mu = 0.85 | φMn = 128.14 | Pass | | |
| Base Plate Summary | | | | |
| Max Stress (ksi): | 3.95 | (Flexural) | | |
| Allowable Stress (ksi): | 54 | | | |
| Stress Rating: | 7.0% | Pass | | |

CCIplate - Version 4.1.2 Analysis Date: 9/1/2021

Drilled Pier Foundation

BU # : 857014
Site Name: HARTLAND - HARTLAND
Order Number: 585190 Rev. 0
TIA-222 Revison: H
Tower Type: Monopole

| Applied Loads | | | | | |
|--------------------|-------|--------|--|--|--|
| | Comp. | Uplift | | | |
| Moment (kip-ft) | | | | | |
| Axial Force (kips) | | | | | |
| Shear Force (kips) | 16.31 | | | | |

| Material Properties | | | | |
|--------------------------|----|-----|--|--|
| Concrete Strength, f'c: | 4 | ksi | | |
| Rebar Strength, Fy: | | ksi | | |
| Tie Yield Strength, Fyt: | 60 | ksi | | |

| | Pier Design Data | | | | | |
|---|--|----|----|--|--|--|
| | Depth | 31 | ft | | | |
| | Ext. Above Grade | 1 | ft | | | |
| | Pier Section 1 | | | | | |
| | From 1' above grade to 31' below grade | | | | | |
| | Pier Diameter | 8 | ft | | | |
| Г | Rebar Quantity | 48 | | | | |
| | Rebar Size | 8 | | | | |
| | Clear Cover to Ties | 4 | in | | | |
| | Tie Size | 5 | | | | |
| L | Tie Spacing | 12 | in | | | |
| | | | - | | | |

Rebar & Pier Options

Embedded Pole Inputs

Belled Pier Inputs

| oil Lateral Check | s Results | 1 1 - 1:54 |
|--------------------------------|-------------|------------|
| | Compression | Uplift |
| D _{v=0} (ft from TOC) | 8.62 | - |
| Soil Safety Factor | 14.34 | - |
| Max Moment (kip-ft) | 1536.63 | - |
| Rating* | 8.8% | - |
| Soil Vertical Check | Compression | Uplift |
| Skin Friction (kips) | 927.21 | - |
| End Bearing (kips) | 1040.50 | - |
| Weight of Concrete (kips) | 266.95 | - |
| Total Capacity (kips) | 1967.71 | - |
| Axial (kips) | 306.23 | - |
| Rating* | 14.8% | - |
| Reinforced Concrete Flexure | Compression | Uplift |
| Critical Depth (ft from TOC) | 8.43 | - |
| Critical Moment (kip-ft) | 1536.50 | - |
| Critical Moment Capacity | 7227.28 | - |
| Rating* | 20.2% | - |
| Reinforced Concrete Shear | Compression | Uplift |
| Critical Depth (ft from TOC) | 25.55 | - |
| Critical Shear (kip) | 160.56 | - |
| Critical Shear Capacity | 2388.96 | - |
| Rating* | 6.4% | - |

| Structural Foundation Rating* | 20.2% |
|-------------------------------|-------|
| Soil Interaction Rating* | 14.8% |

*Rating per TIA-222-H Section 15.5



| Check Limitation | |
|---------------------------------------|----|
| Apply TIA-222-H Section 15.5: | V |
| N/A | |
| Additional Longitudinal Reb | ar |
| Input Effective Depths (else Actual): | |
| Shear Design Options | |
| Check Shear along Depth of Pier: | |
| Utilize Shear-Friction Methodology: | V |
| Override Critical Depth: | |
| | |

Go to Soil Calculations

Shear-Friction Methodology is Applied

| | | | | | | | Soil Pr | ofile | | | | | | |
|----------|-------------|-------------|-------------------|----------------------------|--------------------------------|-------------------|-----------------------------------|---|--|---|-----------------|--|-------------------|--------------|
| Groundwa | iter Depth | 25 | | | | # of Layers | 10 | | | • | | | | |
| Layer | Top (ft) | Bottom (ft) | Thickness (ft) | Y _{soil} (pcf) | Y _{concrete} (pcf) | Cohesion (ksf) | Angle of Friction (degrees) | Calculated Ultimate Skin Friction Comp (ksf) | Calculated Ultimate Skin Friction Uplift (ksf) | Ultimate Skin Friction Comp Override (ksf) | I Ultimate Skin | Ult. Gross Bearing Capacity (ksf) | SPT Blow Count | Soil Type |
| 1 | 0 | 2 | 2 | 105 | 150 | 0 | 0 | 0.000 | 0.000 | 0.00 | 0.00 | | | Cohesionless |
| 2 | 2 | 4 | 2 | 115 | 150 | 0 | 0 | 0.000 | 0.000 | 0.00 | 0.00 | | | Cohesionless |
| 3 | 4 | 6 | 2 | 120 | 150 | 0 | 33 | 0.000 | 0.000 | 0.00 | 0.00 | | | Cohesionless |
| 4 | 6 | 8 | 2 | 135 | 150 | 0 | 40 | 0.000 | 0.000 | 1.49 | 1.49 | | | Cohesionless |
| 5 | 8 | 10 | 2 | 122 | 150 | 0 | 34 | 0.000 | 0.000 | 1.26 | 1.26 | | | Cohesionless |
| 6 | 10 | 15 | 5 | 118 | 150 | 0 | 32 | 0.000 | 0.000 | 1.14 | 1.14 | | | Cohesionless |
| 7 | 15 | 20 | 5 | 115 | 150 | 0.5 | 0 | 0.28 | 0.28 | 0.50 | 0.50 | | | Cohesive |
| 8 | 20 | 25 | 5 | 135 | 150 | 0 | 40 | 0.00 | 0.00 | 3.21 | 3.21 | | | Cohesionless |
| 9 | 25 | 30 | 5 | 72.6 | 87.6 | 0 | 40 | 0.00 | 0.00 | 3.21 | 3.21 | | | Cohesionless |
| 10 | 30 | 31 | 1 | 72.6 | 87.6 | 0 | 40 | 0.00 | 0.00 | 3.39 | 3.39 | 27.6 | | Cohesionless |
| | | | | | | | | | | | | | | |



Address:

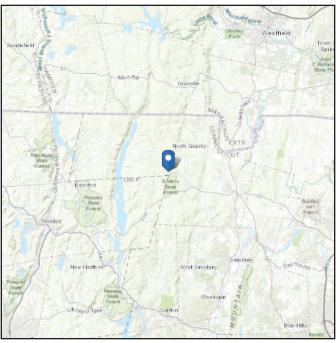
No Address at This Location

ASCE 7 Hazards Report

Standard: ASCE/SEI 7-10 Elevation: 928.17 ft (NAVD 88)

Risk Category: || Latitude: 41.977083 Soil Class: D - Stiff Soil Longitude: -72.887872





Wind

Results:

Wind Speed: 117 Vmph 120 mph per jurisdiction requirements

10-year MRI 76 Vmph 25-year MRI 85 Vmph 50-year MRI 90 Vmph 100-year MRI 97 Vmph

Date &occessed: MS6EA/SEB7-2021Fig. 26.5-1A and Figs. CC-1—CC-4, and Section 26.5.2,

incorporating errata of March 12, 2014

Value provided is 3-second gust wind speeds at 33 ft above ground for Exposure C Category, based on linear interpolation between contours. Wind speeds are interpolated in accordance with the 7-10 Standard. Wind speeds correspond to approximately a 7% probability of exceedance in 50 years (annual exceedance probability = 0.00143, MRI = 700 years).

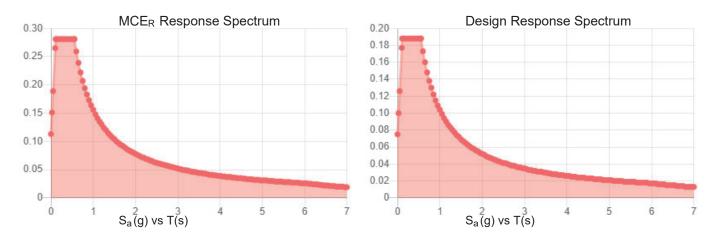
Site is in a hurricane-prone region as defined in ASCE/SEI 7-10 Section 26.2. Glazed openings need not be protected against wind-borne debris.



Seismic

| Site Soil Class: Results: | D - Stiff Soil | | | |
|------------------------------|----------------|--------------------|-------|--|
| S _s : | 0.176 | S _{DS} : | 0.188 | |
| S_1 : | 0.065 | S _{D1} : | 0.104 | |
| F _a : | 1.6 | T _L : | 6 | |
| F _v : | 2.4 | PGA: | 0.086 | |
| S _{MS} : | 0.281 | PGA _M : | 0.138 | |
| S _{M1} : | 0.156 | F _{PGA} : | 1.6 | |
| | | l _e : | 1 | |

Seismic Design Category B



Data Accessed: Mon Aug 30 2021

Date Source: USGS Seismic Design Maps

USGS Seismic Design Maps based on ASCE/SEI 7-10, incorporating Supplement 1 and errata of March 31, 2013, and ASCE/SEI 7-10 Table 1.5-2. Additional data for site-specific ground motion procedures in accordance with

ASCE/SEI 7-10 Ch. 21 are available from USGS.



Ice

Results:

Ice Thickness: 1.00 in.
Concurrent Temperature: 5 F
Gust Speed: 50 mph

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

Date Accessed: Mon Aug 30 2021

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

Values provided are equivalent radial ice thicknesses due to freezing rain with concurrent 3-second gust speeds, for a 50-year mean recurrence interval, and temperatures concurrent with ice thicknesses due to freezing rain. Thicknesses for ice accretions caused by other sources shall be obtained from local meteorological studies. Ice thicknesses in exposed locations at elevations higher than the surrounding terrain and in valleys and gorges may exceed the mapped values.

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

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

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

Exhibit E

Mount Analysis





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

Post-Mod Antenna Mount Analysis Report and PMI Requirements

Mount Fix

SMART Tool Project #: 10094224 Maser Consulting Connecticut Project #: 21777756A

August 13, 2021

Site Information Site ID: 535827-VZW / HARTLAND SE CT

Site Name: HARTLAND SE CT
Carrier Name: Verizon Wireless

Address: 350 Hartland Boulevard

East Hartland, Connecticut 06027

Hartford County

Latitude: 41.977081° Longitude: -72.887869°

<u>Structure Information</u>

Tower Type: 116-Ft Monopole

Mount Type: 12.50-Ft Platform

FUZE ID # 16272363

Analysis Results

Platform: 62.4% Pass

***Contractor PMI Requirements:

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

Report Prepared By: Andy Hanes



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: 324062, dated July 28, 2021 |
| Mount Mapping Report | Structural Components, Site ID: 21777756, dated April 13, 2021 |
| Previous Mount Analysis | Maser Consulting Connecticut, Project #: 21777756A, dated August 4, 2021 |
| Modification Drawings | Maser Consulting Connecticut, Project #: 21777756A, dated August 13, 2021 |

Analysis Criteria:

| Codes and Standards: ANSI/TIA-22 | 2-H |
|----------------------------------|-----|
|----------------------------------|-----|

| Wind Parameters: Basic Wind Speed (Ultimate 3-sec. Gust), Vult: 115 | (Ullimate 3-sec. Gust), v | S. Basic wind Spee | Wind Parameters: |
|---|---------------------------|--------------------|------------------|
|---|---------------------------|--------------------|------------------|

Ice Wind Speed (3-sec. Gust): 50 mph 1.50 in Design Ice Thickness: Risk Category: Ш Exposure Category: В Topographic Category: 1 Topographic Feature Considered: N/A Topographic Method: N/A Ground Elevation Factor, Ke: 0.967 0.168 Ss:

Seismic Parameters: Ss: 0.168 S1: 0.054

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

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

Analysis Software: RISA-3D (V17)

Final Loading Configuration:

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

| Mount Elevation (ft) | Equipment Elevation (ft) | evation Quantity Manufacturer | | Model | Status |
|----------------------------|--------------------------------|-------------------------------|-----------|-----------------------|----------|
| | | 4 | Antel | LPA-80063/6CF | Dotoined |
| | | 2 | Antel | LPA-80080/6CF | Retained |
| | | 3 | Commscope | NHH-65B-R2B | |
| | | 3 | Commscope | NHHSS-65B-R2BT0 | |
| 109.00 | 110.00 | 3 | Samsung | MT6407-77A | |
| | | 1 | RFS | DB-B1-6C-12AB-0Z | Added |
| | | 3 | Samsung | CBRS RRH - RT4401-48A | |
| | | 3 | Samsung | RF4439d-25A | |
| | | 3 | Samsung | RF4440d-13A | |

The recent mount mapping did not report existing OVP units. However, it is acceptable to install up to any three (3) of the OVP model numbers listed below as required at any location other than the mount face without affecting the structural capacity of the mount. If OVP units are installed on the mount face, a mount re-analysis may be required.

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

Standard Conditions:

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

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

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

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

August 13, 2021 Site ID: 535827-VZW / HARTLAND SE CT Page | 4

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

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

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

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

Analysis Results:

| Component | Utilization % | Pass/Fail |
|----------------------|---------------|-----------|
| Connection Check | 62.4 | Pass |
| Face Horizontal | 23.9 % | Pass |
| Standoff Horizontal | 47.3 % | Pass |
| Platform Crossmember | 22.9 % | Pass |
| Corner Plate | 20.5 % | Pass |
| Grating Support | 15.2 % | Pass |
| Cross Arm Plate | 50.0 % | Pass |
| Mount Pipe | 47.9 % | Pass |
| Pipe 2.5 | 28.6 % | Pass |
| Support Rail | 21.2 % | Pass |
| Support Rail Corner | 31.9 % | Pass |

| Structure Rating – (Controlling Utilization of all Components) 50.0% | Structure Rating – (Controlling Utilization of all Components) | 50.0% |
|--|--|-------|
|--|--|-------|

Recommendation:

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

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

August 13, 2021 Site ID: 535827-VZW / HARTLAND SE CT Page | 5

Attachments:

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







| Antenna Mount Mapping Form (PATENT PENDING) | | | | | | |
|---|----------------------|------------------------|--------|------|--|--|
| Tower Owner: | Crown Castle | Mapping Date: | 4/13/2 | 2021 | | |
| Site Name: | Hartland SE CT | Tower Type: | Mono | pole | | |
| Site Number or ID: | 21777756 | Tower Height (Ft.): | 11 | 6 | | |
| 111 5 | Structural Componets | Mount Elevation (Ft.): | 10 | - | | |

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

| | Mount Pipe Configuration and Geometries [Unit = Inches] | | | | | | |
|--|---|--|--|----------------------|--------------------------|--|--|
| Sector / Position | Mount Pipe Size & Length | Vertical Offset Dimension "u" | Horizontal Offset "C1, C2, C3, etc." | Sector / Position | Mount Pipe Size & Length | Vertical Offset Dimension "u" | Horizontal Offset "C1, C2, C3, etc." |
| A1 | 2-3/8x 0.154x 72 | 40.50 | 7.00 | C1 | 2-3/8x 0.154x 72 | 41.00 | 7.00 |
| A2 | 2-3/8x 0.154x 72 | 41.00 | 71.25 | C2 | 2-3/8x 0.154x 72 | 41.00 | 72.00 |
| A3 | 2-3/8x 0.154x 72 | 41.00 | 118.75 | C3 | 2-3/8x 0.154x 72 | 41.00 | 120.00 |
| A4 | 2-3/8x 0.154x 72 | 41.00 | 143.25 | C4 | 2-3/8x 0.154x 72 | 41.00 | 143.75 |
| A5 | | | | C5 | | | |
| A6 | | | | C6 | | | |
| B1 | 2-3/8x 0.154x 72 | 41.00 | 6.50 | D1 | | | |
| B2 | 2-3/8x 0.154x 72 | 38.00 | 76.75 | D2 | | | |
| В3 | 2-3/8x 0.154x 72 | 38.00 | 120.75 | D3 | | | |
| B4 | 2-3/8x 0.154x 72 | 41.00 | 142.25 | D4 | | | |
| B5 | | | | D5 | | | |
| B6 | | | | D6 | | | |
| Distance between bottom rail and mount CL elevation (dim d). Unit is inches. See 'Mount Elev Ref' tab for details. : | | | | | | 0.00 | |
| Distance from top of bottom support rail to lowest tip of ant./eqpt. of Carrier above. (N/A if > 10 ft.): | | | | | 45.5 | | |
| 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. | | | | | | |
| 1/2" weld | main standoff to plate | | | | | | |
| | | | | | | | |
| | | | | | | | |
| Tower Face Width at Mount Elev. (ft.): Tower Leg Size or Pole Shaft Diameter at Mount Elev. (in.): | | | | | | 31.5 | |
| For T-Arms/Platforms on monopoles, report the weld size from the main standoff to the plate bolting into the collar mount. | | | | | | | |

| SECTOR B |
|----------------|
| FACE B |
| LEG C |
| |
| |
| |
| SECTOR A LEG A |
| + Horizontal |
| Offset "h" |
| |
| |

| D16 D18 | Antio | Antzo | Antao 2 | Antab g | Antso Antso |
|------------|----------|--------------|--------------|------------|-------------|
| <u>C1</u> | Antic C2 | Ant2c | Ant3c | Ant4c | Antsc |
| | | C4 | C5 | _ | |
| | Antenn | a Layout (Lo | ooking Out F | rom Tower) | |

| | Enter antenna | model. | If not label | ed, enter " | Unknown' | ' . | Mountin [Units are incl | g Location nes and de | | Photos of antennas |
|--------------------|----------------------------|----------------|----------------|-----------------|-------------------------|------------|---|---------------------------------|------------------|--------------------|
| Ants. Items | Antenna Models if Known | Width (in.) | Depth (in.) | Height (in.) | Coax Size and Qty | | Vertical Distances"b _{1a} , b _{2a} , b _{3a} , b _{1b} " (Inches) | Antenna Azimuth (Degrees) | Photo Numbers | |
| | | | | | Sector A | Ĭ. | | | | |
| Ant _{1a} | | | | | | | | | | |
| Ant _{1b} | LPA80063-6CF-EDIN | 5.75 | 13.50 | 72.00 | 1-5/8 tx | 108.583 | 33.50 | 15.25 | 30.00 | 9, 33 |
| Ant _{1c} | | | | | | | | | | |
| Ant _{2a} | | | | | | | | | | |
| Ant _{2b} | BXA-70063-6CF-EDIN- | 11.00 | 4.50 | 71.00 | jumpers | 108.708 | 32.50 | 10.00 | 30.00 | 9, 50 |
| Ant _{2c} | unknown diplexor | 6.00 | 0.75 | 4.50 | 1-5/8tx | 110.083 | 16.00 | -2.50 | | 65 |
| Ant _{3a} | | | | | | | | | | |
| Ant _{3b} | BXA-171085-12bf-edi | 6.00 | 4.00 | 72.50 | jumpers | 108.521 | 34.75 | 7.50 | 30.00 | 9, 81 |
| Ant _{3c} | unknown diplexor | 6.00 | 0.75 | 4.50 | 1-5/8tx | 110.042 | 16.50 | -2.50 | | |
| Ant _{4a} | | | | | | | | | | |
| Ant _{4b} | LPA80063-6CF-EDIN | 5.75 | 13.50 | 72.00 | 1-5/8 tx | 108.563 | 34.25 | 30.00 | 9, 99 | |
| Ant _{4c} | | | | | | | | | | |
| Ant _{5a} | | | | | | | | | | |
| Ant _{5b} | | | | | | | | | | |
| Ant _{5c} | | | | | | | | | | |
| Ant on | | | | | | | | | | |
| Standoff Ant on | | | | | | | | | | |
| Standoff | | | | | | | | | | |
| Ant on | | | | | | | | | | |
| Tower | | | | | | | | | | |
| Ant on | | | | | | | | | | |
| Tower | | | | | | | | | | |

| | nt Azimuth (I | | Tower Leg Azimuth (Degr | ee) Ant ₁ | | | | | Sector E | 3 | | | | |
|----------------------|--|---------------|---|---|--|-------|--------------|---------------|------------------|----------|----------------|----------------|--------|---------|
| Sector A: | 30.00 | Deg Leg A: | for Each Sector | Deg Ant ₁₈ | lpa80063-6 | 15.00 | 14.00 | 71.00 | 1-5/8 tx | 108.229 | 38.25 | 15.00 | 150.00 | 13, 122 |
| Sector B: | 150.00 | Deg Leg B: | | Deg Ant ₁₀ | | 13.00 | 14.00 | 71.00 | 1 3/0 (x | 100.225 | 30.23 | 15.00 | 130.00 | 13, 122 |
| Sector C: | 270.00 | Deg Leg C: | | Deg Ant ₂ | | | | | | | | | | |
| Sector D: | | Deg Leg D: | | Deg Ant _{2t} | | 11.25 | 5.00 | 71.00 | jumpers | 108.375 | 33.50 | 10.50 | 150.00 | 13, 138 |
| | | | ility Information | Ant ₂₀ | unknown diplexor | 6.00 | 0.75 | 4.50 | 1-5/8tx | 109.688 | 17.75 | -2.50 | | |
| Location: | 140.00 | Deg | N/A | Ant ₃ | | | | | | | | | | |
| Climbing | Corrosi | on Type: | Good condition. | Ant _{3l} | BXA-171085-12bf-edi | 6.00 | 4.00 | 72.00 | jumpers | 108.313 | 34.25 | 8.00 | 150.00 | 13, 160 |
| Climbing Facility | Acc | ess: | Climbing path was unobstructed | | unknown diplexor | 6.00 | 0.75 | 4.50 | 1-5/8tx | 109.792 | 16.50 | -2.50 | | |
| , | Cond | lition: | Good condition. | Ant ₄ | | | | | | | | | | |
| | | | | Ant ₄₁ | lpa80063-6cf-edin | 15.00 | 14.00 | 71.00 | 1-5/8 tx | 108.208 | 38.50 | 15.00 | 150.00 | 13, 180 |
| | | | | Ant ₄ | | | | | | | | | | 1 |
| | | | | Ant ₅₈ | | | | | | | | | | |
| | | | | Ant _{5t} | | | | | | | | | | |
| | | | | Ant or | | | | | | | | | | |
| | | | | Stando | ff | | | | | | | | | |
| | | | | Ant or Stando | | | | | | | | | | |
| | | | | Ant o | _ | | | | | | | | | |
| Plea | ise insert a ph | oto of the mo | ount centerline measurement he | Towe | | | | | | | | | | |
| | | | | Ant or Towe | | | | | | | | | | |
| | | | | | | | | | Sector (| 2 | | | | |
| | | | | Ant ₁ | | | | | | | | | | |
| | | | | Ant ₁₈ | lpa80063-6cf-edin | 15.00 | 14.00 | 71.00 | 1-5/8 tx | 108.417 | 36.00 | 15.00 | 270.00 | 22, 196 |
| | | | | Ant ₁₀ | | | | | | | | | | |
| | | | | Ant ₂ | | 11.00 | F 00 | 74.60 | 1 | 100.000 | 20.50 | 40.50 | 270.00 | 22.011 |
| | | | | Ant _{2t} | BXA-70063-6CF-EDIN unknown diplexor | 6.00 | 5.00 0.75 | 71.00 4.50 | jumpers 1 5/8 | 108.208 | 38.50 17.00 | 10.50 -2.50 | 270.00 | 22, 211 |
| | | | | Ant ₃ | dikilowii dipiexoi | 0.00 | 0.73 | 4.30 | 1 3/6 | 110 | 17.00 | -2.30 | | |
| | 4 4 | | | Ant ₃₈ | BXA-171085-12bf-edi | 6.00 | 4.00 | 72.00 | jumpers | 108.563 | 34.25 | 7.50 | 270.00 | 22, 233 |
| | | | | Ant ₃ | unknown diplexor | 6.00 | 4.00 | 4.50 | 1 5/8 | 110 | 17.00 | -1.50 | | |
| q | | | | Ant ₄ | | | | | | | | | | |
| L | | | TIP OF EQUIPMENT | Ant _{4l} | lpa80063-6cf-edin | 15.00 | 14.00 | 71.00 | 1-5/8 tx | 108.083 | 40.00 | 15.00 | 270.00 | 22, 254 |
| | | | | Ant ₄ | | | | | | | | | | |
| | | | DISTANCE FROM TOF PLATFORM MEMBER OF ANT,/PQPT, OF (N/A IF > 10 Ft.) | TO LOWEST TP CARRIER ABOVE. Ants | | - | | | | | | | | |
| | | | | Ant _{5t} | | - | | | | _ | | | | 1 |
| 튁 | | | DISTANCE FROM TOP | | 1 | | | | | | | | | 1 |
| EXISTING PLATFORM- | | | DISTANCE FROM TOF PLATFORM MEMORY OF ANT./CoPT. OF (N/A IF > 10 FT.) | | ff | | | | | | | | | |
| Γ | | | 1 Por Edinabili | Ant or Stando | | | | | | | | | | |
| | | | | Ant or | | | | | | | | | | |
| d | | | | Towe | | | | | | - | | | | 1 |
| L | | ЩШ | | Ant or Towe | | | | | | | | | | |
| | | FOR PLATFORMS | | | • | | | | Sector I |) | | 1 | | |
| ſ | l Î | | - | Ant ₁ | | | | | | | | | | |
| 4 | - | | + | Ant _{1t} | | | | | | <u> </u> | | | | |
| q | | | L | Ant ₁₀ | | | | | | \vdash | | | | |
| 70 | - 4 | | TIP OF EQUIPMENT | Ant _{2i} | | | | | | \vdash | | | | |
| | | | DECEMBET FROM T | | | | | | | | | | | |
| | | | DISTANCE FROM T SUPPORT RAL TO ANT./EOPT. OF C. (N/A IF > 10 FT | LOWEST TIP OF ARRIER ABOVE. Ant3 | | | | | | | | | | |
| 9 | | | | Ant _{3l} | | | | | | | | | | |
| | | | T | Ant ₃ | | | | | | | | | | |
| EXISTING SECTOR FR | AME | | DISTANCE FROM T SUPPORT RAL TO ANT,/EOPT. OF C. (N/A IF > 10 FT | OP OF BOTTOM HIGHEST TIP OF URRIER BELOW. | | | | | | | | | | |
| MO | | | (N/A IF > 10 FT | -440 | | | | | | <u> </u> | | | | |
| Ļ | 1 | | | Ant ₄ | | | | | | \vdash | | | | |
| e e | - | | + | Ant ₅ | | | | | | | | | | |
| , | | | L | Ant ₅ | | | | | | | | | | |
| Ļ | لیا د | | ļ | Ant or | | | | | | | | | | |
| For T A | /Diatforms a | mononoles | cord the weld size from the most of | Stando | | | | | | | | | | |
| | | | cord the weld size from the main si llar. See below for reference. | tandoff Ant or Stando | | | | | | | | | | |
| | | | | | 1 | | | | | | | | | |
| To | | | | | _ | | | | | | | | | |
| T | | | | Ant or Towe | | | | | | | | | | |
| // | THE STATE OF THE S | THE COLUMN | | | | | | | | | | | | |
| ` | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | REPORT WELD SIZE FRI | JM JLTING | | | | | | | | | | |
| | | 1.1 | INTO COLLAR MOUNT. | | | | | | | | | | | |
| | | | | | | | | | | | | | | |

| | Observed Safety and Structural Issues During the Mount Mapping | |
|---------|--|---------|
| Issue # | Description of Issue | Photo # |
| 1 | | |
| 2 | | |
| 3 | | |
| 4 | | |
| 5 | | |
| 6 | | |
| 7 | | |
| 8 | | |

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

Mapping Notes

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

 3. Please create all required detail sketches of the mounts and insert them into the "Sketches" tab.
- 4. Please measure and enter the bolt sizes and types under the Members Box in the spreadsheet of the mount type.
- 5. Take and label the photos of the tower, mounts, connections, antennas and all measurements. Minimum 50 photos are required.
- 6. Please measure and report the size and length of all existing antenna mounting pipes.
- 7. Please measure and report the antenna information for all sectors.
- 8. Don't delete or rearrange any sheet or contents of any sheet from this mapping form.

Standard Conditions

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

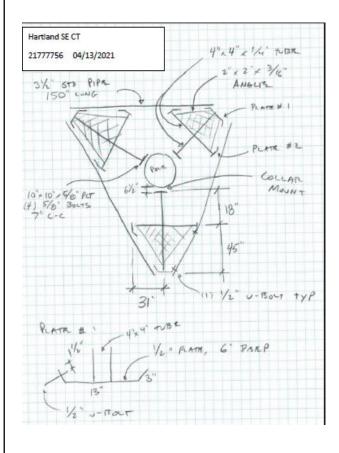
V4.0 Updated on 3-31-2021

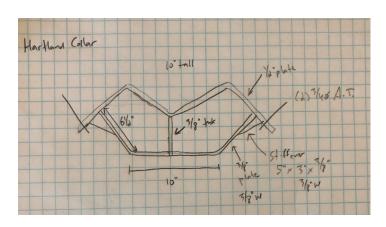


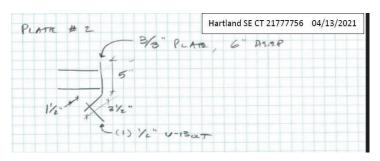
| | Antenna Mount Mapping Form (PATEN | T PENDING) | | FCC# |
|---------------------|-----------------------------------|------------------------|-------|------|
| Tower Owner: | Crown Castle | Mapping Date: | 4/13/ | 2021 |
| Site Name: | Hartland SE CT | Tower Type: | Mono | pole |
| Site Number or ID: | 21777756 | Tower Height (Ft.): | 11 | 16 |
| Mapping Contractor: | Structural Componets | Mount Elevation (Ft.): | 10 |)8 |

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

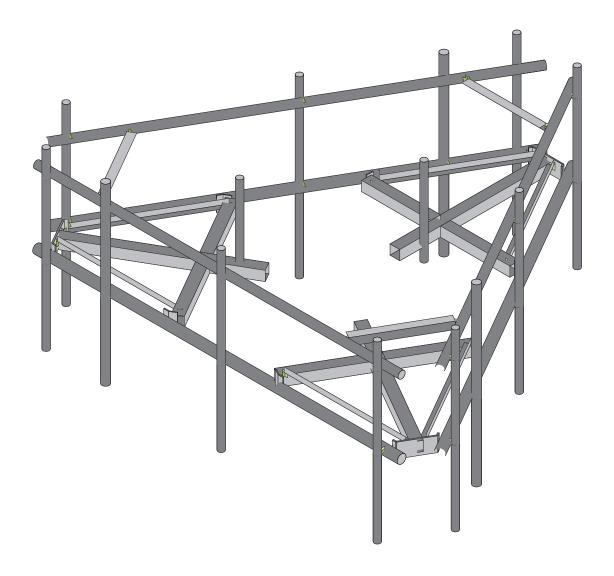
Please Insert Sketches of the Antenna Mount









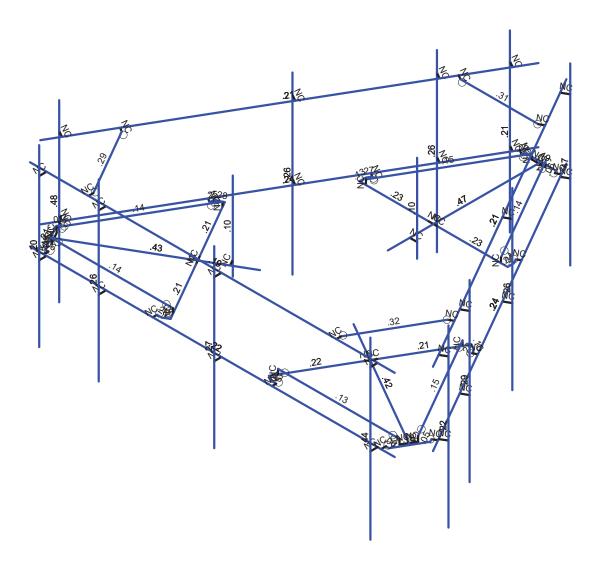


Envelope Only Solution

| Maser Consulting | | SK - 1 | |
|------------------|----------------|--------------------------|--|
| | Mount Analysis | Aug 11, 2021 at 10:29 AM | |
| | | LOADED_535827-VZW_MT_LO | |





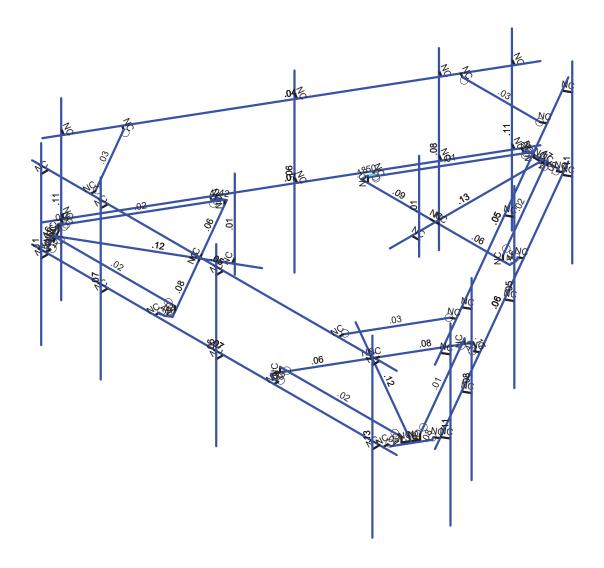


Member Code Checks Displayed (Enveloped) Envelope Only Solution

| Maser Consulting | | SK - 2 |
|------------------|----------------|--------------------------|
| | Mount Analysis | Aug 11, 2021 at 10:29 AM |
| | | LOADED_535827-VZW_MT_LO |







Member Shear Checks Displayed (Enveloped) Envelope Only Solution

| Maser Consulting | | SK - 3 |
|------------------|----------------|--------------------------|
| | Mount Analysis | Aug 11, 2021 at 10:30 AM |
| | | LOADED_535827-VZW_MT_LO |

: Maser Consulting

: Mount Analysis

Aug 11, 2021 10:30 AM Checked By:___

Basic Load Cases

| | BLC Description | Category | X Gravity | Y Gravity | Z Gravity | Joint | Point | Distributed | Area(Me | Surface(P |
|----|-----------------------|----------|-----------|-----------|-----------|-------|-------|-------------|---------|-----------|
| 1 | Antenna D | None | | | | | 123 | | , | , |
| 2 | Antenna Di | None | | | | | 123 | | | |
| 3 | Antenna Wo (0 Deg) | None | | | | | 123 | | | |
| 4 | Antenna Wo (30 Deg) | None | | | | | 123 | | | |
| 5 | Antenna Wo (60 Deg) | None | | | | | 123 | | | |
| 6 | Antenna Wo (90 Deg) | None | | | | | 123 | | | |
| 7 | Antenna Wo (120 Deg) | | | | | | 123 | | | |
| 8 | Antenna Wo (150 Deg) | | | | | | 123 | | | |
| 9 | Antenna Wo (180 Deg) | | | | | | 123 | | | |
| 10 | Antenna Wo (210 Deg) | | | | | | 123 | | | |
| 11 | Antenna Wo (240 Deg) | | | | | | 123 | | | |
| 12 | Antenna Wo (270 Deg) | None | | | | | 123 | | | |
| 13 | Antenna Wo (300 Deg) | | | | | | 123 | | | |
| | Antenna Wo (330 Deg) | | | | | | 123 | | | |
| 15 | Antenna Wi (0 Deg) | None | | | | | 123 | | | |
| 16 | Antenna Wi (30 Deg) | None | | | | | 123 | | | |
| 17 | Antenna Wi (60 Deg) | None | | | | | 123 | | | |
| 18 | Antenna Wi (90 Deg) | None | | | | | 123 | | | |
| 19 | Antenna Wi (120 Deg) | None | | | | | 123 | | | |
| 20 | Antenna Wi (150 Deg) | None | | | | | 123 | | | |
| 21 | Antenna Wi (180 Deg) | | | | | | 123 | | | |
| 22 | Antenna Wi (210 Deg) | | | | | | 123 | | | |
| 23 | Antenna Wi (240 Deg) | None | | | | | 123 | | | |
| 24 | Antenna Wi (270 Deg) | None | | | | | 123 | | | |
| 25 | Antenna Wi (300 Deg) | None | | | | | 123 | | | |
| 26 | Antenna Wi (330 Deg) | | | | | | 123 | | | |
| 27 | Antenna Wm (0 Deg) | None | | | | | 123 | | | |
| 28 | Antenna Wm (30 Deg) | None | | | | | 123 | | | |
| 29 | Antenna Wm (60 Deg) | None | | | | | 123 | | | |
| 30 | Antenna Wm (90 Deg) | None | | | | | 123 | | | |
| 31 | Antenna Wm (120 Deg) | | | | | | 123 | | | |
| 32 | Antenna Wm (150 Deg) | | | | | | 123 | | | |
| | Antenna Wm (180 Deg) | 110110 | | | | | 123 | | | |
| | Antenna Wm (210 Deg) | | | | | | 123 | | | |
| | Antenna Wm (240 Deg) | | | | | | 123 | | | |
| | Antenna Wm (270 Deg) | | | | | | 123 | | | |
| 37 | Antenna Wm (300 Deg) | | | | | | 123 | | | |
| | Antenna Wm (330 Deg) | | | | | | 123 | | | |
| 39 | Structure D | None | | -1 | | | | | 3 | |
| 40 | Structure Di | None | | | | | | 59 | 3 | |
| 41 | Structure Wo (0 Deg) | None | | | | | | 118 | | |
| 42 | Structure Wo (30 Deg) | | | | | | | 118 | | |
| | Structure Wo (60 Deg) | | | | | | | 118 | | |
| | Structure Wo (90 Deg) | | | | | | | 118 | | |
| | Structure Wo (120 D | None | | | | | | 118 | | |
| | Structure Wo (150 D | None | | | | | | 118 | | |
| 47 | Structure Wo (180 D | None | | | | | | 118 | | |
| | Structure Wo (210 D | None | | | | | | 118 | | |
| | Structure Wo (240 D | None | | | | | | 118 | | |
| | Structure Wo (270 D | None | | | | | | 118 | | |
| 51 | Structure Wo (300 D | None | | | | | | 118 | | |
| 52 | Structure Wo (330 D | None | | | | | | 118 | | |
| 53 | Structure Wi (0 Deg) | None | | | | | | 118 | | |
| | Structure Wi (30 Deg) | None | | | | | | 118 | | |
| 55 | Structure Wi (60 Deg) | | | | | | | 118 | | |
| 56 | Structure Wi (90 Deg) | | | | | | | 118 | | |
| | | INOTIC | | | | | | 110 | | |

Company Designer Job Number Model Name : Maser Consulting

Mount Analysis

Aug 11, 2021 10:30 AM Checked By:_

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 | | | • | | | 118 | , | , |
| 58 | Structure Wi (150 De | None | | | | | | 118 | | |
| 59 | Structure Wi (180 De | None | | | | | | 118 | | |
| 60 | Structure Wi (210 De | None | | | | | | 118 | | |
| 61 | Structure Wi (240 De | None | | | | | | 118 | | |
| 62 | Structure Wi (270 De | None | | | | | | 118 | | |
| 63 | Structure Wi (300 De | None | | | | | | 118 | | |
| 64 | Structure Wi (330 De | None | | | | | | 118 | | |
| 65 | Structure Wm (0 Deg) | None | | | | | | 118 | | |
| 66 | Structure Wm (30 De | None | | | | | | 118 | | |
| 67 | Structure Wm (60 De | None | | | | | | 118 | | |
| 68 | Structure Wm (90 De | None | | | | | | 118 | | |
| 69 | Structure Wm (120 D | None | | | | | | 118 | | |
| 70 | Structure Wm (150 D | None | | | | | | 118 | | |
| 71 | Structure Wm (180 D | None | | | | | | 118 | | |
| 72 | Structure Wm (210 D | None | | | | | | 118 | | |
| 73 | Structure Wm (240 D | None | | | | | | 118 | | |
| 74 | Structure Wm (270 D | None | | | | | | 118 | | |
| 75 | Structure Wm (300 D | None | | | | | | 118 | | |
| 76 | Structure Wm (330 D | None | | | | | | 118 | | |
| 77 | Lm1 | None | | | | | 1 | | | |
| 78 | Lm2 | None | | | | | 1 | | | |
| 79 | Lv1 | None | | | | | 1 | | | |
| 80 | Lv2 | None | | | | | 1 | | | |
| 81 | BLC 39 Transient Are | None | | | | | | 30 | | |
| 82 | BLC 40 Transient Are | None | | | | | | 30 | | |

Load Combinations

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

Company Designer Job Number Model Name

: Maser Consulting

: Mount Analysis

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Page 3

Load Combinations (Continued)

| Load Combinations (Con | timaed) | |
|------------------------------|--|----------------|
| Description SolP S | BLC FacBLC Fac. | BLC FacBLC Fac |
| 27 1.2D + 1.5Lm1 + Yes Y | 1 1.2 39 1.2 77 1.5 29 1 67 1 | |
| 28 1.2D + 1.5Lm1 + Yes Y | 1 1.2 39 1.2 77 1.5 30 1 68 1 | |
| 29 1.2D + 1.5Lm1 +Yes Y | 1 1.2 39 1.2 77 1.5 31 1 69 1 | |
| 30 1.2D + 1.5Lm1 + Yes Y | 1 1.2 39 1.2 77 1.5 32 1 70 1 | |
| 31 1.2D + 1.5Lm1 + Yes Y | 1 1.2 39 1.2 77 1.5 33 1 71 1 | |
| 32 1.2D + 1.5Lm1 + Yes Y | 1 1.2 39 1.2 77 1.5 34 1 72 1 | |
| 33 1.2D + 1.5Lm1 + Yes Y | 1 1.2 39 1.2 77 1.5 35 1 73 1 | |
| 34 1.2D + 1.5Lm1 + Yes Y | 1 1.2 39 1.2 77 1.5 36 1 74 1 | |
| 35 1.2D + 1.5Lm1 + Yes Y | 1 1.2 39 1.2 77 1.5 37 1 75 1 | |
| 36 1.2D + 1.5Lm1 + Yes Y | 1 1.2 39 1.2 77 1.5 38 1 76 1 | |
| 37 1.2D + 1.5Lm2 + Yes Y | 1 1.2 39 1.2 78 1.5 27 1 65 1 | |
| 38 1.2D + 1.5Lm2 + Yes Y | 1 1.2 39 1.2 78 1.5 28 1 66 1 | |
| 39 1.2D + 1.5Lm2 + Yes Y | 1 1.2 39 1.2 78 1.5 29 1 67 1 | |
| 40 1.2D + 1.5Lm2 + Yes Y | 1 1.2 39 1.2 78 1.5 30 1 68 1 | |
| 41 1.2D + 1.5Lm2 + Yes Y | 1 1.2 39 1.2 78 1.5 31 1 69 1 | |
| 42 1.2D + 1.5Lm2 + Yes Y | 1 1.2 39 1.2 78 1.5 32 1 70 1 | |
| 43 1.2D + 1.5Lm2 + Yes Y | 1 1.2 39 1.2 78 1.5 33 1 71 1 | |
| 44 1.2D + 1.5Lm2 + Yes Y | 1 1.2 39 1.2 78 1.5 34 1 72 1 | |
| 45 1.2D + 1.5Lm2 + Yes Y | 1 1.2 39 1.2 78 1.5 35 1 73 1 | |
| 46 1.2D + 1.5Lm2 + Yes Y | 1 1.2 39 1.2 78 1.5 36 1 74 1 | |
| 47 1.2D + 1.5Lm2 + Yes Y | 1 1.2 39 1.2 78 1.5 37 1 75 1 | |
| 48 1.2D + 1.5Lm2 + Yes Y | 1 1.2 39 1.2 78 1.5 38 1 76 1 | |
| 49 1.2D + 1.5Lv1 Yes Y | 1 1.2 39 1.2 79 1.5 | |
| 50 1.2D + 1.5Lv2 Yes Y | 1 1.2 39 1.2 80 1.5 | |
| 51 1.4D Yes Y | 1 1.4 39 1.4 | |
| 52 Seismic Mass Y | 1 1 39 1 | |
| 53 1.2D + 1.0Ev + 1 Y | 1 1.2 39 1.2 SX SY 1 SZ -1 | |
| 54 1.2D + 1.0Ev + 1 Y | 1 1.2 39 1.2 SX .5 SY 1 SZ 866 | |
| 55 1.2D + 1.0Ev + 1 Y | 1 1.2 39 1.2 SX 866 SY 1 SZ5 | |
| 56 1.2D + 1.0Ev + 1 Y | 1 1.2 39 1.2 SX 1 SY 1 SZ | |
| 57 1.2D + 1.0Ev + 1 Y | 1 1.2 39 1.2 SX 866 SY 1 SZ .5 | |
| 58 1.2D + 1.0Ev + 1 Y | 1 1.2 39 1.2 SX .5 SY 1 SZ 866 | |
| 59 1.2D + 1.0Ev + 1 Y | 1 1.2 39 1.2 SX SY 1 SZ 1 | |
| 60 1.2D + 1.0Ev + 1 Y | 1 1.2 39 1.2 SX5 SY 1 SZ 866 | |
| 61 1.2D + 1.0Ev + 1 Y | 1 1.2 39 1.2 SX866 SY 1 SZ .5 | |
| 62 1.2D + 1.0Ev + 1 Y | 1 1.2 39 1.2 SX -1 SY 1 SZ | |
| 63 1.2D + 1.0Ev + 1 Y | 1 1.2 39 1.2 SX866 SY 1 SZ5 | |
| 64 1.2D + 1.0Ev + 1 Y | 1 1.2 39 1.2 SX5 SY 1 SZ866 | |
| | | |

Joint Coordinates and Temperatures

| | Label | X [ft] | Y [ft] | Z [ft] | Temp [F] | Detach From Diap |
|----|-------|-----------|----------|-----------|----------|------------------|
| 1 | N1 | 6.25 | Ō | 4.16469 | 0 | |
| 2 | N2 | -6.25 | 0 | 4.16469 | 0 | |
| 3 | N3 | -0. | 0 | -1.854167 | 0 | |
| 4 | N5 | -2.541667 | 0 | -3.416667 | 0 | |
| 5 | N6 | 2.315104 | 0.166667 | -3.416667 | 0 | |
| 6 | N7 | -2.315104 | 0.166667 | -3.416667 | 0 | |
| 7 | N24 | -0. | 0 | -3.416667 | 0 | |
| 8 | N27 | -0. | 0 | -7.104167 | 0 | |
| 9 | CP | 0 | 0 | 0 | 0 | |
| 10 | N29 | 2.315104 | 0 | -3.416667 | 0 | |
| 11 | N30 | -2.315104 | 0 | -3.416667 | 0 | |
| 12 | N101 | 2.541667 | 0 | -3.416667 | 0 | |
| 13 | N102 | -0.166667 | 0 | -3.416667 | 0 | |
| 14 | N103A | 0.166667 | 0 | -3.416667 | 0 | |

Mount Analysis

Aug 11, 2021 10:30 AM Checked By:___

Page 4

Joint Coordinates and Temperatures (Continued)

| Joint | Coordinates and Ten | <u>iperatures (Co</u> | ntinuea) | | | |
|-------|---------------------|-----------------------|----------|-----------|----------|-------------------|
| | Label | X [ft] | Y [ft] | Z [ft] | Temp [F] | Detach From Diap |
| 15 | N104A | -2.541667 | 0 | -3.635417 | 0 | Bottaon From Biap |
| 16 | N105 | 2.541667 | 0 | -3.635417 | 0 | |
| 17 | N131 | 2.458333 | 0 | -3.779754 | 0 | |
| 18 | N135 | 0.571615 | 0 | -7.00719 | 0 | |
| 19 | N144 | -2.458333 | 0 | -3.779754 | 0 | |
| 20 | N148 | -0.571615 | 0 | -7.00719 | 0 | |
| 21 | N86A | 2.584629 | 0 | -3.852671 | 0 | |
| 22 | | | 0 | | 0 | |
| 23 | N86B | -2.584629 | 0 | -3.852671 | 0 | |
| 24 | N86C | -0.515625 | 0 | -7.104167 | 0 | |
| | N87A | 0.515625 | | -7.104167 | | |
| 25 | N86D | 0.715429 | 0 | -7.090221 | 0 | |
| 26 | N86E | -0.715429 | 0 | -7.090221 | 0 | |
| 27 | N88A | -0. | 0 | -7.020833 | 0 | |
| 28 | N87C | 0.234238 | 0.166667 | -7.020833 | 0 | |
| 29 | N86G | 0.234238 | 0 | -7.020833 | 0 | |
| 30 | N87B | -0.234238 | 0.166667 | -7.020833 | 0 | |
| 31 | N88C | -0.234238 | 0 | -7.020833 | 0 | |
| 32 | N33 | 0.481727 | 0 | -7.495004 | 0 | |
| 33 | N34 | 6.731727 | 0 | 3.330314 | 0 | |
| 34 | N35 | -6.731727 | 0 | 3.330314 | 0 | |
| 35 | N36 | -0.481727 | 0 | -7.495004 | 0 | |
| 36 | N37 | -1.605755 | 0 | 0.927083 | 0 | |
| 37 | N38 | -1.688087 | 0 | 3.909481 | 0 | |
| 38 | N39 | -4.116472 | 0.166667 | -0.296606 | 0 | |
| 39 | N40 | -1.801368 | 0.166667 | 3.713272 | 0 | |
| 40 | N41 | -2.95892 | 0 | 1.708333 | 0 | |
| 41 | N42 | -6.152389 | 0 | 3.552083 | 0 | |
| 42 | N43 | -4.116472 | 0 | -0.296606 | 0 | |
| 43 | N44 | -1.801368 | 0 | 3.713272 | 0 | |
| 44 | N45 | -4.229753 | 0 | -0.492815 | 0 | |
| 45 | N46 | -2.875587 | 0 | 1.852671 | 0 | |
| 46 | N47 | -3.042253 | 0 | 1.563996 | 0 | |
| 47 | N48 | -1.87753 | 0 | 4.018856 | 0 | |
| 48 | N49 | -4.419197 | 0 | -0.38344 | 0 | |
| 49 | N50 | -4.50253 | 0 | -0.239102 | 0 | |
| 50 | N51 | -6.354212 | 0 | 3.008562 | 0 | |
| | | | | | | |
| 51 | N52 | -2.044197 | 0 | 4.018856 | 0 | |
| 52 | N53 | -5.782597 | 0 | 3.998628 | 0 | |
| 53 | N54 | -4.628826 | 0 | -0.312019 | 0 | |
| 54 | N55 | -2.044197 | 0 | 4.16469 | 0 | |
| 55 | N56 | -5.894576 | 0 | 3.998628 | 0 | |
| 56 | N57 | -6.410201 | 0 | 3.105539 | 0 | |
| 57 | N58 | -6.498026 | 0 | 2.925531 | 0 | |
| 58 | N59 | -5.782597 | 0 | 4.16469 | 0 | |
| 59 | N60 | -6.08022 | 0 | 3.510417 | 0 | |
| 60 | N61 | -6.197339 | 0.166667 | 3.307561 | 0 | |
| 61 | N62 | -6.197339 | 0 | 3.307561 | 0 | |
| 62 | N63 | -5.963101 | 0.166667 | 3.713272 | 0 | |
| 63 | N64 | -5.963101 | 0 | 3.713272 | 0 | |
| 64 | N65 | 1.605755 | 0 | 0.927083 | 0 | |
| 65 | N66 | 4.229753 | 0 | -0.492815 | 0 | |
| 66 | N67 | 1.801368 | 0.166667 | 3.713272 | 0 | |
| 67 | N68 | 4.116472 | 0.166667 | -0.296606 | 0 | |
| 68 | N69 | 2.95892 | 0 | 1.708333 | 0 | |
| 69 | N70 | 6.152389 | 0 | 3.552083 | 0 | |
| 70 | N71 | 1.801368 | 0 | 3.713272 | 0 | |
| 71 | N72 | 4.116472 | 0 | -0.296606 | 0 | |
| | | <u> </u> | · | | | |

: Mount Analysis

Aug 11, 2021 10:30 AM Checked By:___

Joint Coordinates and Temperatures (Continued)

| | Oddiamates and Tem | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | | | | |
|-----|--------------------|---|-----------|-----------|----------|------------------|
| | Label | X [ft] | Y [ft] | Z [ft] | Temp [F] | Detach From Diap |
| 72 | N73 | 1.688087 | 0 | 3.909481 | 0 | |
| 73 | N74 | 3.042253 | 0 | 1.563996 | 0 | |
| 74 | N75 | 2.875587 | 0 | 1.852671 | 0 | |
| 75 | N76 | 4.419197 | 0 | -0.38344 | 0 | |
| 76 | N77 | 1.87753 | 0 | 4.018856 | 0 | |
| 77 | N78 | 2.044197 | 0 | 4.018856 | 0 | |
| 78 | N79 | 5.782597 | 0 | 3.998628 | 0 | |
| 79 | N80 | 4.50253 | 0 | -0.239102 | 0 | |
| 80 | N81 | 6.354212 | 0 | 3.008562 | 0 | |
| 81 | N82 | 2.044197 | 0 | 4.16469 | 0 | |
| 82 | N83 | 4.628826 | 0 | -0.312019 | 0 | |
| 83 | N84 | 6.410201 | 0 | 3.105539 | 0 | |
| 84 | N85 | 5.894576 | 0 | 3.998628 | 0 | |
| 85 | N86 | 5.782597 | 0 | 4.16469 | 0 | |
| 86 | N87 | 6.498026 | 0 | 2.925531 | 0 | |
| 87 | N88 | 6.08022 | 0 | 3.510417 | 0 | |
| 88 | N89 | 5.963101 | 0.166667 | 3.713272 | 0 | |
| 89 | N90 | 5.963101 | 0.100007 | 3.713272 | 0 | |
| 90 | N91 | 6.197339 | 0.166667 | 3.307561 | 0 | |
| 91 | N92 | 6.197339 | 0 | 3.307561 | 0 | |
| 92 | N93 | 5.666667 | 0 | 4.16469 | 0 | |
| 93 | N94 | 5.666667 | 0 | 4.41469 | 0 | |
| 94 | N95 | 0.3125 | 0 | 4.16469 | 0 | |
| 95 | N96 | 0.3125 | 0 | 4.41469 | 0 | |
| 96 | N97 | -3.645833 | 0 | 4.16469 | 0 | |
| 97 | N98 | -3.645833 | 0 | 4.41469 | 0 | |
| 98 | N99 | -5.6875 | 0 | 4.16469 | 0 | |
| 99 | N100 | -5.6875 | 0 | 4.41469 | 0 | |
| 100 | N101A | 5.666667 | 3.375 | 4.41469 | 0 | |
| 101 | N102A | 5.666667 | -2.625 | 4.41469 | 0 | |
| 102 | N103 | 0.3125 | 3.416667 | 4.41469 | 0 | |
| 103 | N104 | -3.645833 | 3.416667 | 4.41469 | 0 | |
| 104 | N105A | -5.6875 | 3.416667 | 4.41469 | 0 | |
| 105 | N106 | 0.3125 | -2.583333 | 4.41469 | 0 | |
| 106 | N107 | -3.645833 | -2.583333 | 4.41469 | 0 | |
| 107 | N108 | -5.6875 | -2.583333 | 4.41469 | 0 | |
| 108 | N108A | -6.460894 | 0 | 2.861217 | 0 | |
| 109 | N109 | -6.6774 | 0 | 2.736217 | 0 | |
| 110 | N110 | -3.533811 | 0 | -2.20864 | 0 | |
| 111 | N111 | -3.750317 | 0 | -2.33364 | 0 | |
| 112 | N112 | -1.721311 | 0 | -5.347982 | 0 | |
| 113 | N113 | -1.937817 | 0 | -5.472982 | 0 | |
| 114 | N114 | -0.804644 | 0 | -6.935696 | 0 | |
| 115 | N115 | -1.02115 | 0 | -7.060696 | 0 | |
| 116 | N116 | -6.6774 | 3.416667 | 2.736217 | 0 | |
| 117 | N117 | -1.02115 | 3.416667 | -7.060696 | 0 | |
| 118 | N118 | -6.6774 | -2.583333 | 2.736217 | 0 | |
| 119 | N119 | -1.02115 | -2.583333 | -7.060696 | 0 | |
| 120 | N120 | -3.750317 | 3.166667 | -2.33364 | 0 | |
| 121 | N121 | -1.937817 | 3.166667 | -5.472982 | 0 | |
| 122 | N122 | -3.750317 | -2.833333 | -2.33364 | 0 | |
| 123 | N123 | -1.937817 | -2.833333 | -5.472982 | 0 | |
| 124 | N124 | 0.773394 | -2.033333 | -6.989822 | 0 | |
| 125 | N125 | 0.773394 | 0 | -7.114822 | 0 | |
| 126 | N126 | 3.481727 | 0 | -2.298851 | 0 | |
| 127 | N127 | 3.698234 | 0 | -2.423851 | 0 | |
| 128 | N128 | 5.481727 | 0 | 1.16525 | 0 | |
| 120 | INIZU | 0.401727 | U | 1.10020 | U | |

Mount Analysis

Aug 11, 2021 10:30 AM Checked By:___

Joint Coordinates and Temperatures (Continued)

| JOIITE | Coordinates and Tem | peratures (CO | illillueu) | | | |
|--------|---------------------|---------------|------------|-----------|----------|------------------|
| | Label | X [ft] | Y [ft] | Z [ft] | Temp [F] | Detach From Diap |
| 129 | N129 | 5.698234 | 0 | 1.04025 | 0 | Botaon From Blap |
| | | | 0 | | | |
| 130 | N130 | 6.471311 | | 2.879259 | 0 | |
| 131 | N131A | 6.687817 | 0 | 2.754259 | 0 | |
| 132 | N132 | 0.9899 | 3.416667 | -7.114822 | 0 | |
| 133 | N133 | 3.698234 | 3.416667 | -2.423851 | 0 | |
| 134 | N134 | 5.698234 | 3.416667 | 1.04025 | 0 | |
| 135 | N135A | 6.687817 | 3.416667 | 2.754259 | 0 | |
| 136 | N136 | 0.9899 | -2.583333 | -7.114822 | 0 | |
| 137 | N137 | 3.698234 | -2.583333 | -2.423851 | 0 | |
| 138 | N138 | 5.698234 | -2.583333 | 1.04025 | 0 | |
| | | | | | | |
| 139 | N139 | 6.687817 | -2.583333 | 2.754259 | 0 | |
| 140 | N140 | -0. | 0 | -2.604167 | 0 | |
| 141 | N141 | .25 | 0 | -2.604167 | 0 | |
| 142 | N142 | .25 | 2.5 | -2.604167 | 0 | |
| 143 | N143 | .25 | 5 | -2.604167 | 0 | |
| 144 | N144A | -2.255274 | 0 | 1.302083 | 0 | |
| 145 | N145 | -2.380274 | 0 | 1.085577 | 0 | |
| 146 | N146 | -2.380274 | 2.5 | 1.085577 | 0 | |
| | | | | | | |
| 147 | N147 | -2.380274 | 5 | 1.085577 | 0 | |
| 148 | N148A | 6.25 | 2.5 | 4.16469 | 0 | |
| 149 | N149 | -6.25 | 2.5 | 4.16469 | 0 | |
| 150 | N150 | 0.481727 | 2.5 | -7.495004 | 0 | |
| 151 | N151 | 6.731727 | 2.5 | 3.330314 | 0 | |
| 152 | N152 | -6.731727 | 2.5 | 3.330314 | 0 | |
| 153 | N153 | -0.481727 | 2.5 | -7.495004 | 0 | |
| 154 | N154 | 5.666667 | 2.5 | 4.16469 | 0 | |
| | | | | | | |
| 155 | N155 | 5.666667 | 2.5 | 4.41469 | 0 | |
| 156 | N156 | 0.3125 | 2.5 | 4.16469 | 0 | |
| 157 | N157 | 0.3125 | 2.5 | 4.41469 | 0 | |
| 158 | N158 | -3.645833 | 2.5 | 4.16469 | 0 | |
| 159 | N159 | -3.645833 | 2.5 | 4.41469 | 0 | |
| 160 | N160 | -5.6875 | 2.5 | 4.16469 | 0 | |
| 161 | N161 | -5.6875 | 2.5 | 4.41469 | 0 | |
| 162 | N162 | -6.460894 | 2.5 | 2.861217 | 0 | |
| | | | | | | |
| 163 | N163 | -6.6774 | 2.5 | 2.736217 | 0 | |
| 164 | N164 | -3.533811 | 2.5 | -2.20864 | 0 | |
| 165 | N165 | -3.750317 | 2.5 | -2.33364 | 0 | |
| 166 | N166 | -1.721311 | 2.5 | -5.347982 | 0 | |
| 167 | N167 | -1.937817 | 2.5 | -5.472982 | 0 | |
| 168 | N168 | -0.804644 | 2.5 | -6.935696 | 0 | |
| 169 | N169 | -1.02115 | 2.5 | -7.060696 | 0 | |
| 170 | N170 | 0.773394 | 2.5 | -6.989822 | 0 | |
| 171 | N171 | 0.9899 | 2.5 | -7.114822 | 0 | |
| 172 | N172 | 3.481727 | 2.5 | | 0 | |
| | | | | -2.298851 | | |
| 173 | N173 | 3.698234 | 2.5 | -2.423851 | 0 | |
| 174 | N174 | 5.481727 | 2.5 | 1.16525 | 0 | |
| 175 | N175 | 5.698234 | 2.5 | 1.04025 | 0 | |
| 176 | N176 | 6.471311 | 2.5 | 2.879259 | 0 | |
| 177 | N177 | 6.687817 | 2.5 | 2.754259 | 0 | |
| 178 | N178 | -4.25 | 2.5 | 4.16469 | 0 | |
| 179 | N179 | -4.25 | 2.5 | 3.998023 | 0 | |
| 180 | N180 | 4.25 | 2.5 | 4.16469 | 0 | |
| | | | | | | |
| 181 | N181 | 4.25 | 2.5 | 3.998023 | 0 | |
| 182 | N182 | 5.731727 | 2.5 | 1.598263 | 0 | |
| 183 | N183 | 5.58739 | 2.5 | 1.681596 | 0 | |
| 184 | N184 | 1.481727 | 2.5 | -5.762953 | 0 | |
| 185 | N185 | 1.33739 | 2.5 | -5.67962 | 0 | |
| | | | | | | |



: Mount Analysis

Aug 11, 2021 10:30 AM Checked By:_

Joint Coordinates and Temperatures (Continued)

| | Label | X [ft] | Y [ft] | Z [ft] | Temp [F] | Detach From Diap |
|-----|-------|-----------|--------|-----------|----------|------------------|
| 186 | N186 | -1.481727 | 2.5 | -5.762953 | 0 | |
| 187 | N187 | -1.33739 | 2.5 | -5.67962 | 0 | |
| 188 | N188 | -5.731727 | 2.5 | 1.598263 | 0 | |
| 189 | N189 | -5.58739 | 2.5 | 1.681596 | 0 | |

Hot Rolled Steel Section Sets

| | Label | Shape | Type | Design List | Material | Design Rul | A [in2] | lyy [in4] | Izz [in4] | J [in4] |
|----|------------------|----------|--------|--------------|----------------|------------|---------|-----------|-----------|---------|
| 1 | Face Horizontal | PIPE 3.0 | Beam | Pipe | A53 Gr.B | Typical | 2.07 | 2.85 | 2.85 | 5.69 |
| 2 | Standoff Horizon | HSS4X4X4 | Beam | SquareTube | A500 Gr.B Rect | Typical | 3.37 | 7.8 | 7.8 | 12.8 |
| 3 | Corner Plate | PL1/2x6 | Beam | BAR | A36 Gr.36 | Typical | 3 | .063 | 9 | .237 |
| 4 | Platform Crossm | HSS4X4X4 | Beam | SquareTube | A500 Gr.B Rect | Typical | 3.37 | 7.8 | 7.8 | 12.8 |
| 5 | Grating Support | L2x2x3 | Beam | Single Angle | A36 Gr.36 | Typical | .722 | .271 | .271 | .009 |
| 6 | Mount Pipe | PIPE 2.0 | Column | Pipe | A53 Gr.B | Typical | 1.02 | .627 | .627 | 1.25 |
| 7 | Cross Arm Plate | PL3/8x6 | Column | RECT | A36 Gr.36 | Typical | 2.25 | .026 | 6.75 | .101 |
| 8 | Support Rail | PIPE 2.5 | Beam | Pipe | A53 Gr.B | Typical | 1.61 | 1.45 | 1.45 | 2.89 |
| 9 | Support Rail Cor | L3X3X4 | Beam | Single Angle | A36 Gr.36 | Typical | 1.44 | 1.23 | 1.23 | .031 |
| 10 | Pipe 2.5 | PIPE_2.5 | Column | Pipe | A53 Gr.B | Typical | 1.61 | 1.45 | 1.45 | 2.89 |

Hot Rolled Steel Properties

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

Member Primary Data

| | Label | I Joint | J Joint | K Joint | Rotate(deg) | Section/Shape | Туре | Design List | Material | Design Rules |
|----|-------|---------|---------|---------|-------------|------------------------|--------|--------------|-----------|--------------|
| 1 | M1 | N1 | N2 | | , , | Face Horizontal | Beam | Pipe | A53 Gr.B | Typical |
| 2 | M4 | N3 | N27 | | | Standoff Horiz | Beam | SquareTube | A500 Gr.B | Typical |
| 3 | M10 | N101 | N103A | | | Platform Cross | Beam | SquareTube | A500 Gr.B | Typical |
| 4 | M43 | N102 | N5 | | | Platform Cross | Beam | SquareTube | A500 Gr.B | Typical |
| 5 | M46 | N86C | N87A | | | Corner Plate | Beam | BAR | A36 Gr.36 | Typical |
| 6 | M35A | N7 | N30 | | | RIGID | None | None | RIGID | Typical |
| 7 | M36A | N6 | N29 | | | RIGID | None | None | RIGID | Typical |
| 8 | M51B | N87C | N6 | | | Grating Support | Beam | Single Angle | A36 Gr.36 | Typical |
| 9 | M52B | N7 | N87B | | | Grating Support | Beam | Single Angle | A36 Gr.36 | Typical |
| 10 | M52 | N87B | N88C | | | RIGID | None | None | RIGID | Typical |
| 11 | M58 | N102 | N24 | | | RIGID | None | None | RIGID | Typical |
| 12 | M59 | N24 | N103A | | | RIGID | None | None | RIGID | Typical |
| 13 | M76 | N101 | N105 | | | Cross Arm Plate | | RECT | A36 Gr.36 | Typical |
| 14 | M77 | N105 | N131 | | | Cross Arm Plate | Column | RECT | A36 Gr.36 | Typical |
| 15 | M79 | N131 | N86A | | | RIGID | None | None | RIGID | Typical |
| 16 | M80 | N87A | N135 | | | Corner Plate | Beam | BAR | A36 Gr.36 | Typical |
| 17 | M83 | N135 | N86D | | | RIGID | None | None | RIGID | Typical |
| 18 | M84 | N5 | N104A | | | Cross Arm Plate | | | A36 Gr.36 | Typical |
| 19 | M85 | N104A | N144 | | | Cross Arm Plate | Column | RECT | A36 Gr.36 | Typical |
| 20 | M88 | N144 | N86B | | | RIGID | None | None | RIGID | Typical |
| 21 | M91 | N86C | N148 | | | Corner Plate | Beam | BAR | A36 Gr.36 | Typical |

Mount Analysis

Aug 11, 2021 10:30 AM Checked By:__

Member Primary Data (Continued)

| | Label | I Joint | J Joint | K Joint | Rotate(deg) | Section/Shape | Type | Design List | Material | Design Rules |
|----------|-------------------|------------|------------|---------|-------------|-------------------------|--------------|-------------------|-----------|-----------------|
| 22 | M92 | N148 | N86E | | | RIGID | None | None | RIGID | Typical |
| 23 | M50 | N88C | N88A | | | RIGID | None | None | RIGID | Typical |
| 24 | M51 | N88A | N86G | | | RIGID | None | None | RIGID | Typical |
| 25 | M51A | N87C | N86G | | | RIGID | None | None | RIGID | Typical |
| 26 | M26 | N33 | N34 | | | Face Horizontal | Beam | Pipe | A53 Gr.B | |
| 27 | M27 | N35 | N36 | | | Face Horizontal | | Pipe | A53 Gr.B | |
| 28 | M28 | N37 | N42 | | | Standoff Horiz | Beam | SquareTube | A500 Gr.B | Typical |
| 29 | M29 | N45 | N47 | | | Platform Cross | Beam | SquareTube | | Typical |
| 30 | M30 | N46 | N38 | | | Platform Cross | . Beam | SquareTube | | Typical |
| 31 | M31 | N56 | N57 | | | Corner Plate | Beam | BAR | A36 Gr.36 | Typical |
| 32 | M32 | N40 | N44 | | | RIGID | None | None | RIGID | Typical |
| 33 | M33 | N39 | N43 | | | RIGID | None | None | RIGID | Typical |
| 34 | M34 | N61 | N39 | | | Grating Support | | Single Angle | | Typical |
| 35 | M35 | N40 | N63 | | | Grating Support | | Single Angle | | Typical |
| 36 | M36 | N63 | N64 | | | RIGID | None | None | RIGID | Typical |
| 37 | M37 | N46 | N41 | | | RIGID | None | None | RIGID | Typical |
| 38 | M38 | N41 | N47 | | | RIGID | None | None | RIGID | Typical |
| 39 | M39 | N45 | N49 | | | Cross Arm Plate | | RECT | A36 Gr.36 | Typical |
| 40 | M40 | N49 | N50 | | | Cross Arm Plate | | RECT | A36 Gr.36 | Typical |
| 41 | M41 | N50 | N54 | | | RIGID | None | None | RIGID | Typical |
| 42 | M42 | N57 | N51 | | | Corner Plate | | BAR | A36 Gr.36 | Typical |
| 43 | M43A | N51 | N58 | | | RIGID | None | None | RIGID | Typical |
| 44 | M44 | N38 | N48 | | | Cross Arm Plate | Column | RECT | A36 Gr.36 | Typical |
| 45 | M45 | N48 | N52 | | | Cross Arm Plate | | RECT | A36 Gr.36 | Typical |
| 46 | M46A | N52 | N55 | | | RIGID | None | None | RIGID | Typical |
| 47 | M47 | N56 | N53 | | | Corner Plate | Beam | BAR | A36 Gr.36 | Typical |
| 48 | M48 | N53 | N59 | | | RIGID | None | None | RIGID | Typical |
| 49 | M49 | N64 | N60 | | | RIGID | None | None | RIGID | Typical |
| 50 | M50A | N60 | N62 | | | RIGID | None | None | RIGID | Typical |
| 51 | M51C | N61 | N62 | | | RIGID Standoff Horiz | None | None | RIGID | Typical |
| 52 | M52A | N65 | N70 | | | Platform Cross | Beam | SquareTube | | Typical |
| 53 | M53 | N73 | N75 | | | Platform Cross | Beam | SquareTube | A500 Gr.B | Typical |
| 54 | <u>M54</u> M55 | N74 N84 | N66 N85 | | | Corner Plate | Beam | SquareTube BAR | A36 Gr.36 | Typical Typical |
| 55 56 | M56 | N68 | N72 | | | RIGID | Beam None | None | RIGID | Typical |
| 57 | M57 | N67 | N71 | | | RIGID | None | None | RIGID | Typical |
| 58 | M58A | N89 | N67 | | | Grating Support | | Single Angle | | Typical |
| 59 | M59A | N68 | N91 | | | Grating Support | | Single Angle | | Typical |
| 60 | M60 | N91 | N92 | | | RIGID | None | None | RIGID | Typical |
| 61 | M61 | N74 | N69 | | | RIGID | None | None | RIGID | Typical |
| 62 | M62 | N69 | N75 | | | RIGID | None | None | RIGID | Typical |
| 63 | M63 | N73 | N77 | | | Cross Arm Plate | Column | RECT | A36 Gr.36 | Typical |
| 64 | M64 | N77 | N78 | | | Cross Arm Plate | Column | RECT | A36 Gr.36 | Typical |
| 65 | M65 | N78 | N82 | | | RIGID | None | None | RIGID | Typical |
| 66 | M66 | N85 | N79 | | | Corner Plate | | BAR | A36 Gr.36 | Typical |
| 67 | M67 | N79 | N86 | | | RIGID | None | None | RIGID | Typical |
| 68 | M68 | N66 | N76 | | | Cross Arm Plate | Column | RECT | A36 Gr.36 | Typical |
| 69 | M69 | N76 | N80 | | | Cross Arm Plate | Column | RECT | A36 Gr.36 | Typical |
| 70 | M70 | N80 | N83 | | | RIGID | None | None | RIGID | Typical |
| 71 | M71 | N84 | N81 | | | Corner Plate | | BAR | A36 Gr.36 | Typical |
| 72 | M72 | N81 | N87 | | | RIGID | None | None | RIGID | Typical |
| 73 | M73 | N92 | N88 | | | RIGID | None | None | RIGID | Typical |
| 74 | M74 | N88 | N90 | | | RIGID | None | None | RIGID | Typical |
| 75 | M75 | N89 | N90 | | | RIGID | None | None | RIGID | Typical |
| 76 | M76A | N94 | N93 | | | RIGID | None | None | RIGID | Typical |
| 77 | M77A | N96 | N95 | | | RIGID | None | None | RIGID | Typical |
| 78 | M78 | N98 | N97 | | | RIGID | None | None | RIGID | Typical |

: Mount Analysis

Aug 11, 2021 10:30 AM Checked By:__

Member Primary Data (Continued)

| | Label | I Joint | J Joint | K Joint | Rotate(deg) | Section/Shape | Туре | Design List | Material | Design Rules |
|-----|-------|---------|---------|---------|-------------|----------------|--------|--------------|-----------|--------------|
| 79 | M79A | N100 | N99 | | | RIGID | None | None | RIGID | Typical |
| 80 | MP1A | N101A | N102A | | | Mount Pipe | Column | Pipe | A53 Gr.B | Typical |
| 81 | MP4A | N105A | N108 | | | Mount Pipe | | Pipe | A53 Gr.B | |
| 82 | MP3A | N104 | N107 | | | Pipe 2.5 | Column | | A53 Gr.B | |
| 83 | MP2A | N103 | N106 | | | Mount Pipe | Column | Pipe | A53 Gr.B | Typical |
| 84 | M84A | N109 | N108A | | | RIGID | None | None | RIGID | Typical |
| 85 | M85A | N111 | N110 | | | RIGID | None | None | RIGID | Typical |
| 86 | M86 | N113 | N112 | | | RIGID | None | None | RIGID | Typical |
| 87 | M87 | N115 | N114 | | | RIGID | None | None | RIGID | Typical |
| 88 | MP4B | N117 | N119 | | | Mount Pipe | Column | | A53 Gr.B | Typical |
| 89 | MP1B | N116 | N118 | | | Mount Pipe | Column | Pipe | A53 Gr.B | Typical |
| 90 | MP3B | N121 | N123 | | | Pipe 2.5 | Column | Pipe | A53 Gr.B | Typical |
| 91 | MP2B | N120 | N122 | | | Mount Pipe | Column | Pipe | A53 Gr.B | Typical |
| 92 | M92A | N125 | N124 | | | RIGID | None | None | RIGID | Typical |
| 93 | M93 | N127 | N126 | | | RIGID | None | None | RIGID | Typical |
| 94 | M94 | N129 | N128 | | | RIGID | None | None | RIGID | Typical |
| 95 | M95 | N131A | N130 | | | RIGID | None | None | RIGID | Typical |
| 96 | MP4C | N135A | N139 | | | Mount Pipe | Column | Pipe | A53 Gr.B | Typical |
| 97 | MP3C | N134 | N138 | | | Pipe 2.5 | Column | | A53 Gr.B | |
| 98 | MP2C | N133 | N137 | | | Mount Pipe | Column | Pipe | A53 Gr.B | Typical |
| 99 | MP1C | N132 | N136 | | | Mount Pipe | Column | Pipe | A53 Gr.B | |
| 100 | M100 | N140 | N141 | | | RIGID | None | None | RIGID | Typical |
| 101 | 01 | N142 | N143 | | | Mount Pipe | Column | Pipe | A53 Gr.B | Typical |
| 102 | M102 | N144A | N145 | | | RIGID | None | None | RIGID | Typical |
| 103 | O2 | N146 | N147 | | | Mount Pipe | Column | Pipe | A53 Gr.B | Typical |
| 104 | M104 | N148A | N149 | | | Support Rail | Beam | Pipe | A53 Gr.B | Typical |
| 105 | M105 | N150 | N151 | | | Support Rail | Beam | Pipe | A53 Gr.B | Typical |
| 106 | M106 | N152 | N153 | | | Support Rail | Beam | Pipe | A53 Gr.B | Typical |
| 107 | M107 | N155 | N154 | | | RIGID | None | None | RIGID | Typical |
| 108 | M108 | N157 | N156 | | | RIGID | None | None | RIGID | Typical |
| 109 | M109 | N159 | N158 | | | RIGID | None | None | RIGID | Typical |
| 110 | M110 | N161 | N160 | | | RIGID | None | None | RIGID | Typical |
| 111 | M111 | N163 | N162 | | | RIGID | None | None | RIGID | Typical |
| 112 | M112 | N165 | N164 | | | RIGID | None | None | RIGID | Typical |
| 113 | M113 | N167 | N166 | | | RIGID | None | None | RIGID | Typical |
| 114 | M114 | N169 | N168 | | | RIGID | None | None | RIGID | Typical |
| 115 | M115 | N171 | N170 | | | RIGID | None | None | RIGID | Typical |
| 116 | M116 | N173 | N172 | | | RIGID | None | None | RIGID | Typical |
| 117 | M117 | N175 | N174 | | | RIGID | None | None | RIGID | Typical |
| 118 | M118 | N177 | N176 | | | RIGID | None | None | RIGID | Typical |
| 119 | M119 | N178 | N179 | | | RIGID | None | None | RIGID | Typical |
| 120 | M120 | N180 | N181 | | | RIGID | None | None | RIGID | Typical |
| 121 | M121 | N182 | N183 | | | RIGID | None | None | RIGID | Typical |
| 122 | M122 | N184 | N185 | | | RIGID | None | None | RIGID | Typical |
| 123 | M123 | N186 | N187 | | | RIGID | None | None | RIGID | Typical |
| 124 | M124 | N188 | N189 | | | RIGID | None | None | RIGID | Typical |
| 125 | M125 | N179 | N189 | | 90 | Support Rail C | Beam | Single Angle | A36 Gr.36 | Typical |
| 126 | M126 | N183 | N181 | | 90 | Support Rail C | Beam | Single Angle | A36 Gr.36 | Typical |
| 127 | M127 | N187 | N185 | | 90 | Support Rail C | Beam | Single Angle | | Typical |

Member Advanced Data

| | Label | I Release | J Release | I Offset[in] | J Offset[in] | T/C Only | Physical | Defl RatAr | nalysis | Inactive | Seismic |
|---|-------|-----------|-----------|--------------|--------------|----------|----------|------------|---------|----------|---------|
| 1 | M1 | | | | | | Yes | Default | | | None |
| 2 | M4 | | | | | | Yes | | | | None |
| 3 | M10 | | | | | | Yes | Default | | | None |

: Mount Analysis

Aug 11, 2021 10:30 AM Checked By:_

Member Advanced Data (Continued)

| Mail | | Label | I Release | J Release | I Offset[in] | J Offset[in] | T/C Only | Physical | Defl Rat | Analysis | Inactive | Seismic |
|--|----|-------|-----------|-----------|--------------|--------------|----------|----------|----------|----------|----------|---------|
| 5 | 4 | | | 0.10.000 | | 0 | ., | | | | | |
| Maja | 5 | | | | | | | 1 | | | | |
| M36A | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | |
| 9 | 8 | | 00000X | 00000X | | | | | | | | |
| 10 | | | | | | | | | | | | |
| 11 | | | 0000071 | 000000 | | | | | | | | |
| 12 | | | | | | | | _ | | | | |
| 13 | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | |
| 15 | | | | | | | | | ** NA ** | | | |
| 16 | | | | BenPIN | | | | | | | | |
| 17 | | | | DOIN IIV | | | | | 1 1 1 1 | | | |
| 18 | | | | RenPIN | | | | | ** NA ** | | | |
| 19 | | | | Delli IIV | | | | | | | | |
| 20 | | | | | | | | | | | | |
| M91 | | | | RenDIN | | | | | | | | |
| 22 M92 | | | | DCIII IIV | | | | | 11/1 | | | |
| 23 | | | | RenDIN | | | | | ** NA ** | | | |
| 24 M51A Yes ** NA ** None 26 M26 Yes Default None 27 M27 Yes Default None 28 M28 Yes Default None 29 M29 Yes Default None 30 M30 Yes Default None 31 M31 Yes Default None 32 M32 Yes Default None 34 M34 OOOOX OOOOX Yes Pefault None 34 M34 OOOOX OOOOX Yes Default None 35 M35 OOOOX OOOOX Yes Default None 36 M36 Yes Na** None 37 M37 Yes Default None 38 M38 Yes Na** None 39 M36 Yes Na** None 40 M40 | | | | Delli IIV | | | | | | | | |
| 25 M51A Yes Default None 26 M26 Yes Default None 27 M27 Yes Default None 28 M28 Yes Default None 30 M30 Yes Default None 31 M31 Yes Default None 32 M32 Yes Na** None 34 M34 OOOOX OOOX Yes Default None 34 M34 OOOOX OOOOX Yes Default None 35 M35 OOOOX OOOOX Yes Default None 36 M36 M36 Yes **N *** None 38 M38 Yes **N *** None 39 M39 Yes **N *** None 40 M40 Yes **N ** None 41 M41 BenPIN Yes | | | | | | | | | | | | |
| 26 M26 Yes Default None 27 M27 Yes Default None 28 M28 Yes None 29 M29 Yes Default None 30 M30 Yes Default None 31 M31 Yes Default None 32 M32 Yes **NA *** None 34 M34 OOOOX OOOOX Yes Default None 35 M35 OOOOX OOOOX Yes Default None 36 M36 Yes None None 37 M37 Yes **NA ** None 38 M38 Yes **NA ** None 39 M39 Yes **NA ** None 40 M40 Yes **NA ** None 41 M41 BenPIN Yes **NA ** None 43 M43A BenPIN | | | | | | | | | | | | |
| 27 M27 Yes Default None 28 M28 Yes None 29 M29 Yes Default None 30 M30 Yes Default None 31 M31 Yes Default None 32 M32 Yes None None 34 M34 OOOOX OOOOX Yes Default None 35 M35 OOOOX OOOOX Yes Pefault None 36 M36 Yes ** NA ** None 37 M37 Yes ** NA ** None 38 M38 Yes ** NA ** None 39 M39 Yes ** NA ** None 40 M40 Yes ** NA ** None 41 M41 BenPIN Yes ** NA ** None 42 M42 Yes NA ** None 43 M43A Ben | | | | | | | | | | | | |
| 28 M29 Yes Default None 30 M30 Yes Default None 31 M31 Yes Default None 32 M32 Yes "NA"* None 33 M33 Yes "NA"* None 34 M34 OOOOX OOOOX Yes Default None 35 M35 OOOOX OOOOX Yes Default None 36 M36 Yes "NA"* None 37 M37 Yes "NA"* None 38 M38 Yes "NA"* None 40 M40 Yes "NA"* None 41 M41 BenPIN Yes "NA ** None 43 M43A BenPIN Yes "NA ** None 43 M43A BenPIN Yes "NA ** None 45 M45 Yes "NA ** None | | | | | | | | | | | | |
| Yes | | | | | | | | | Delault | | | |
| 30 M30 Yes Default None None 31 M31 N31 Yes Yes Yes Yes Na ** None 32 M32 Yes ** NA ** None 33 M33 Yes ** NA ** None 34 M34 OOOOX OOOOX Yes Default None 35 M35 OOOOX OOOOX Yes Default None 36 M36 Yes Xes Na ** None 37 M37 Yes Xes Na ** None 38 M38 Yes Xes Na ** None 39 M39 Yes Xes Na ** None 40 M40 Yes Xes Na ** None 41 M41 BenPIN Yes Yes Xes Na ** None 42 M42 Yes Xes Na ** None 43 M43A BenPIN Yes Yes Xes Na ** None 44 M44 Yes Xes Na ** None 45 M45 Na Yes Xes Na ** None 46 M46A BenPIN Yes Xes Na ** None 48 M48 BenPIN Yes Xes Na ** None 49 M49 Yes Xes Na ** None 50 M50A Yes Xes Na ** None 51 M51C Yes Xes Na ** None 52 M52A Yes Xes Na ** None 53 M53 Yes Xes None 56 M56 Yes Xes None 57 M57 Yes Xes Na ** None 58 M58A OOOOX OOOOX Yes Xes None 59 M59A OOOOX OOOOX Yes Default None 59 M59A OOOOX OOOOX Yes Default None None 59 M59A OOOOX OOOOX Yes Default None None 59 M59A OOOOX OOOOX Yes Default None Non | | | | | | | | | Default | | | |
| 31 | | | | | | | | | | | | |
| 32 M32 | | | | | | | | | | | | |
| 33 M33 | | | | | | | | | | | | |
| 34 M34 OOOOOX OOOOOX Yes Default None 35 M35 OOOOOX OOOOOX Yes Na* None 36 M36 Yes ** NA ** None 37 M37 Yes ** NA ** None 38 M38 Yes ** NA ** None 39 M39 Yes ** NA ** None 40 M40 Yes ** NA ** None 41 M41 BenPIN Yes ** NA ** None 41 M41 BenPIN Yes ** NA ** None 43 M43A BenPIN Yes ** NA ** None 45 M45 Yes ** NA ** None 45 M45 Yes ** NA ** None 46 M46A BenPIN Yes ** NA ** None 49 M49 Yes ** NA ** None 50 M50A Yes | | | | | | | | | | | | |
| 35 M35 OOOOOX Yes Default None 36 M36 Yes ** NA ** None 37 M37 Yes ** NA ** None 38 M38 Yes ** NA ** None 39 M39 Yes ** NA ** None 40 M40 Yes ** NA ** None 41 M41 BenPIN Yes ** NA ** None 42 M42 Yes NA ** None 43 M43A BenPIN Yes ** NA ** None 44 M44 Yes ** NA ** None 45 M45 Yes ** NA ** None 46 M46A BenPIN Yes ** NA ** None 47 M47 Yes ** NA ** None 48 M48 BenPIN Yes ** NA ** None 50 M50A Yes ** NA ** None 51 M51C Yes ** NA ** | | | 000000 | 00000 | | | | | | | | |
| 36 M36 Yes ** NA ** None 37 M37 Yes ** NA ** None 38 M38 Yes ** NA ** None 39 M39 Yes ** NA ** None 40 M40 Yes ** NA ** None 41 M41 BenPIN Yes ** NA ** None 42 M42 None 43 M43A BenPIN Yes ** NA ** None 45 M45 M46A BenPIN Yes ** NA ** None 46 M46A BenPIN Yes ** NA ** None 47 M47 Yes ** NA ** None 48 M48 BenPIN Yes ** NA ** None 49 M49 None 50 M50A Yes ** NA ** None 51 M51C Yes ** NA ** None 52 M52A Yes M53 Yes Default None 56 M56 Yes Tes Default None 57 M57 None 58 M58A OOOOX OOOOX Yes Default None 59 M59A OOOOX OOOOX Yes Default None No | | | | | | | | | | | | |
| 37 M37 Yes ** NA ** None 38 M38 Yes ** NA ** None 39 M39 Yes ** NA ** None 40 M40 Yes ** NA ** None 41 M41 BenPIN Yes ** NA ** None 42 M42 Yes ** NA ** None 43 M43A BenPIN Yes ** NA ** None 44 M44 Yes ** NA ** None 45 M45 Yes ** NA ** None 46 M46A BenPIN Yes ** NA ** None 47 M47 Yes ** NA ** None 48 M48 BenPIN Yes ** NA ** None 50 M50A Yes ** NA ** None 51 M51C Yes ** NA ** None 53 M53 Yes Default None 54 M54 Yes Default | | | OOOOOX | OOOOOX | | | | | | | | |
| 38 M38 Yes ** NA ** None 39 M39 Yes ** NA ** None 40 M40 Yes ** NA ** None 41 M41 BenPIN Yes ** NA ** None 42 M42 Yes ** NA ** None 43 M43A BenPIN Yes ** NA ** None 44 M44 Yes ** NA ** None 45 M45 Yes ** NA ** None 46 M46A BenPIN Yes ** NA ** None 48 M48 BenPIN Yes ** NA ** None 49 M49 Yes ** NA ** None 50 M50A Yes ** NA ** None 51 M51C Yes ** NA ** None 52 M52A Yes None None 54 M54 Yes Yes None | 36 | | | | | | | | | | | |
| M39 | | | | | | | | | | | | |
| 40 M40 Yes ** NA ** None 41 M41 BenPIN Yes ** NA ** None 42 M42 Yes ** NA ** None 43 M43A BenPIN Yes ** NA ** None 44 M44 Yes ** NA ** None 45 M45 Yes ** NA ** None 46 M46A BenPIN Yes ** NA ** None 47 M47 Yes ** NA ** None 48 M48 BenPIN Yes ** NA ** None 49 M49 Yes ** NA ** None 50 M50A Yes ** NA ** None 51 M51C Yes ** NA ** None 52 M52A Yes None 53 M53 Yes Default None 54 M54 Yes Default None 55 M55 Yes NA ** None 57 M57 Yes ** NA ** None< | | | | | | | | | | | | |
| 41 M41 BenPIN Yes ** NA ** None 42 M42 Yes None None 43 M43A BenPIN Yes ** NA ** None 44 M44 Yes ** NA ** None 45 M45 Yes ** NA ** None 46 M46A BenPIN Yes *NA ** None 47 M47 Yes ** NA ** None 48 M48 BenPIN Yes ** NA ** None 49 M49 Yes ** NA ** None 50 M50A Yes ** NA ** None 51 M51C Yes ** NA ** None 52 M52A Yes Default None 53 M53 Yes Default None 54 M54 Yes Default None 55 M55 Yes ** NA ** None | | | | | | | | | | | | |
| 42 M42 Yes None 43 M43A BenPIN Yes ** NA ** None 44 M44 Yes ** NA ** None 45 M45 Yes ** NA ** None 46 M46A BenPIN Yes *NA ** None 47 M47 Yes *NA ** None 48 M48 BenPIN Yes ** NA ** None 49 M49 Yes ** NA ** None 50 M50A Yes ** NA ** None 51 M51C Yes ** NA ** None 52 M52A Yes None 53 M53 Yes Default None 54 M54 Yes Default None 55 M55 Yes Default None 56 M56 Yes ** NA ** None 57 M57 Yes ** NA ** None 58 M58A OOOOX OOOOX Yes De | | | | | | | | | | | | |
| 43 M43A BenPIN Yes ** NA ** None 44 M44 Yes ** NA ** None 45 M45 Yes ** NA ** None 46 M46A BenPIN Yes ** NA ** None 47 M47 Yes ** NA ** None 48 M48 BenPIN Yes ** NA ** None 49 M49 Yes ** NA ** None 50 M50A Yes ** NA ** None 51 M51C Yes ** NA ** None 51 M51C Yes None None 52 M52A Yes None None 53 M53 Yes Default None 54 M54 Yes Default None 55 M55 Yes None None 57 M57 Yes NA ** None 58 M58A <td></td> <td></td> <td></td> <td>BenPIN</td> <td></td> <td></td> <td></td> <td></td> <td>** NA **</td> <td></td> <td></td> <td></td> | | | | BenPIN | | | | | ** NA ** | | | |
| 44 M44 Yes ** NA ** None 45 M45 Yes ** NA ** None 46 M46A BenPIN Yes ** NA ** None 47 M47 Yes ** NA ** None 48 M48 BenPIN Yes ** NA ** None 49 M49 Yes ** NA ** None 50 M50A Yes ** NA ** None 51 M51C Yes *NA ** None 51 M51C Yes None None 52 M52A Yes None None 53 M53 Yes Default None 54 M54 Yes Default None 55 M56 Yes *NA ** None 56 M56 Yes NA ** None 58 M58A OOOOOX OOOOX Yes Default None 59 M5 | | | | | | | | | | | | |
| 45 M45 Yes ** NA ** None 46 M46A BenPIN Yes ** NA ** None 47 M47 Yes ** NA ** None 48 M48 BenPIN Yes ** NA ** None 49 M49 Yes ** NA ** None 50 M50A Yes ** NA ** None 51 M51C Yes ** NA ** None 52 M52A Yes Default None 53 M53 Yes Default None 54 M54 Yes Default None 55 M55 Yes None 56 M56 Yes ** NA ** None 57 M57 Yes Yes Default None 58 M58A OOOOOX OOOOX Yes Default None 59 M59A OOOOX OOOOX Yes Default None | | | | BenPIN | | | | | | | | |
| 46 M46A BenPIN Yes ** NA ** None 47 M47 Yes None None 48 M48 BenPIN Yes ** NA ** None 49 M49 Yes ** NA ** None 50 M50A Yes ** NA ** None 51 M51C Yes ** NA ** None 52 M52A Yes Default None 53 M53 Yes Default None 54 M54 Yes Default None 55 M55 Yes None None 56 M56 Yes ** NA ** None 57 M57 Yes Default None 58 M58A OOOOOX OOOOX Yes Default None 59 M59A OOOOOX OOOOX Yes Default None | | | | | | | | | | | | |
| 47 M47 Yes None 48 M48 BenPIN Yes ** NA ** None 49 M49 Yes ** NA ** None 50 M50A Yes ** NA ** None 51 M51C Yes ** NA ** None 52 M52A Yes Default None 53 M53 Yes Default None 54 M54 Yes Default None 55 M55 Yes Peault None 56 M56 Yes ** NA ** None 57 M57 Yes Yes Default None 58 M58A OOOOOX OOOOX Yes Default None 59 M59A OOOOOX OOOOX Yes Default None | | | | | | | | | | | | |
| 48 M48 BenPIN Yes ** NA ** None 49 M49 Yes ** NA ** None 50 M50A Yes ** NA ** None 51 M51C Yes ** NA ** None 52 M52A Yes Default None 53 M53 Yes Default None 54 M54 Yes Default None 55 M55 Yes Default None 56 M56 Yes ** NA ** None 57 M57 Yes Na ** None 58 M58A OOOOOX OOOOX Yes Default None 59 M59A OOOOOX OOOOX Yes Default None | | | | BenPIN | | | | | ** NA ** | | | |
| 49 M49 Yes ** NA ** None 50 M50A Yes ** NA ** None 51 M51C Yes ** NA ** None 52 M52A Yes Default None 53 M53 Yes Default None 54 M54 Yes Default None 55 M55 Yes Default None 56 M56 Yes ** NA ** None 57 M57 Yes ** NA ** None 58 M58A OOOOOX OOOOX Yes Default None 59 M59A OOOOX OOOOX Yes Default None | | | | | | | | | | | | |
| 50 M50A Yes ** NA ** None 51 M51C Yes ** NA ** None 52 M52A Yes None 53 M53 Yes Default None 54 M54 Yes Default None 55 M55 Yes Default None 56 M56 Yes ** NA ** None 57 M57 Yes None Yes Default None 58 M58A OOOOOX OOOOX Yes Default None 59 M59A OOOOOX OOOOX Yes Default None | | | | BenPIN | | | | | | | | |
| 51 M51C Yes ** NA ** None 52 M52A Yes None 53 M53 Yes Default None 54 M54 Yes Default None 55 M55 Yes Default None 56 M56 Yes ** NA ** None 57 M57 Yes ** NA ** None 58 M58A OOOOOX OOOOX Yes Default None 59 M59A OOOOOX OOOOX Yes Default None | | | | | | | | | | | | |
| 52 M52A Yes None 53 M53 Yes Default None 54 M54 Yes Default None 55 M55 Yes Default None 56 M56 Yes ** NA ** None 57 M57 Yes ** NA ** None 58 M58A OOOOOX OOOOX Yes Default None 59 M59A OOOOOX OOOOX Yes Default None | | | | | | | | | | | | |
| 53 M53 Yes Default None 54 M54 Yes Default None 55 M55 Yes Default None 56 M56 Yes ** NA ** None 57 M57 Yes ** NA ** None 58 M58A OOOOOX OOOOX Yes Default None 59 M59A OOOOOX OOOOX Yes Default None | | | | | | | | | ** NA ** | | | |
| 54 M54 Yes Default None 55 M55 Yes Default None 56 M56 Yes ** NA ** None 57 M57 Yes ** NA ** None 58 M58A OOOOOX OOOOX Yes Default None 59 M59A OOOOOX OOOOX Yes Default None | | | | | | | | | | | | |
| 55 M55 Yes Default None 56 M56 Yes ** NA ** None 57 M57 Yes ** NA ** None 58 M58A OOOOOX OOOOX Yes Default None 59 M59A OOOOOX OOOOX Yes Default None | | | | | | | | | | | | |
| 55 M55 Yes Default None 56 M56 Yes ** NA ** None 57 M57 Yes ** NA ** None 58 M58A OOOOOX OOOOX Yes Default None 59 M59A OOOOOX OOOOX Yes Default None | 54 | M54 | | | | | | Yes | Default | | | None |
| 56 M56 Yes ** NA ** None 57 M57 Yes ** NA ** None 58 M58A OOOOOX OOOOX Yes Default None 59 M59A OOOOOX OOOOX Yes Default None | 55 | M55 | | | | | | | Default | | | |
| 57 M57 Yes ** NA ** None 58 M58A OOOOOX OOOOX Yes Default None 59 M59A OOOOOX OOOOX Yes Default None | | | | | | | | | | | | |
| 58 M58A OOOOOX OOOOOX Yes Default None 59 M59A OOOOOX OOOOOX Yes Default None | | | | | | | | | | | | |
| 59 M59A OOOOOX OOOOOX Yes Default None | | | 00000X | 00000X | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |

: Mount Analysis

Aug 11, 2021 10:30 AM Checked By:_

Member Advanced Data (Continued)

| Label Release JRelease Offset[in] JC Only Physical Def Rat. Analysis Inaclive Seismic, | | | | ta (Oontin | | | | | | |
|--|-----|-------------|-----------|------------|--------------|--------------|----------|-----|------------|-----------|
| 62 M62 | 0.4 | Label | I Release | J Release | I Offset[in] | J Offset[in] | T/C Only | | | |
| 63 M64 M64 Yes ** NA ** None | | | | | | | | | | |
| 64 M64 M65 BenPIN Yes ** NA ** None | | | | | | | | | | |
| 65 | | | | | | | | | ** NA ** | |
| 66 | | | | | | | | | | |
| 67 | | | | BenPIN | | | | | ** NA ** | |
| 68 M68 M69 Yes NA ** None | | | | | | | | | | |
| Fig. Miss | | | | BenPIN | | | | | | |
| To M70 | | | | | | | | Yes | ** NA ** | None |
| T1 | | | | | | | | | | |
| 72 M72 BenPIN Yes ** NA ** None 73 M73 Yes ** NA ** None 74 M74 Yes ** NA ** None 75 M75 Yes ** NA ** None 76 M76A Yes ** NA ** None 77 M77A Yes ** NA ** None 78 M78 Yes ** NA ** None 79 M79A Yes ** NA ** None 80 MP1A Yes ** NA ** None 81 MP4A Yes ** NA ** None 82 MP3A Yes ** NA ** None 83 MP2A Yes ** NA ** None 84 M84A Yes ** NA ** None 85 M85A Yes ** NA ** None 86 M86 Yes ** NA ** None 90 MP3B Yes | 70 | M70 | | BenPIN | | | | Yes | ** NA ** | None |
| 72 M72 BenPIN Yes ** NA ** None 74 M74 Yes ** NA ** None 75 M75 Yes ** NA ** None 76 M76A Yes ** NA ** None 77 M77A Yes ** NA ** None 78 M78 Yes ** NA ** None 79 M79A Yes ** NA ** None 80 MP1A Yes ** NA ** None 81 MP4A Yes ** NA ** None 82 MP3A Yes ** NA ** None 84 M84A Yes ** NA ** None 85 M85A Yes ** NA ** None 86 M86 Yes ** NA ** None 87 M87 Yes ** NA ** None 90 MP3B Yes ** NA ** None 90 MP3B Yes | 71 | M71 | | | | | | Yes | | None |
| T3 | 72 | M72 | | BenPIN | | | | Yes | ** NA ** | None |
| 74 M74 Yes ** NA ** None 75 M75 Yes ** NA ** None 76 M76A Yes ** NA ** None 77 M77A Yes ** NA ** None 78 M78 Yes ** NA ** None 79 M79A Yes ** NA ** None 80 MP1A Yes ** NA ** None 81 MP4A Yes ** NA ** None 81 MP4A Yes ** NA ** None 82 MP3A Yes ** NA ** None 84 M84A Yes ** NA ** None 84 M84A Yes ** NA ** None 86 M86 Yes ** NA ** None 89 MP1B Yes ** NA ** None 90 MP3B Yes ** NA ** None 91 MP2B Yes ** NA ** | | M73 | | | | | | | ** NA ** | |
| T5 | | | | | | | | | ** NA ** | |
| Téc | | | | | | | | | | |
| 77 M77A Yes ** NA ** None 78 M78 Yes ** NA ** None 79 M79A Yes ** NA ** None 80 MP1A Yes ** NA ** None 81 MP4A Yes ** NA ** None 82 MP3A Yes ** NA ** None 82 MP3A Yes ** NA ** None 84 M84A Yes ** NA ** None 84 M84A Yes ** NA ** None 85 M85A Yes ** NA ** None 87 M87 Yes ** NA ** None 87 M87 Yes ** NA ** None 88 MP4B Yes ** NA ** None 90 MP3B Yes ** NA ** None 91 MP2B Yes ** NA ** None 92 M92A Yes ** NA ** | | | | | | | | | | |
| 78 | | | | | | | | | | |
| Type | | | | | | | | | | |
| 80 MP1A | | | | | | | | | ** NA ** | |
| 81 MP4A Yes ** NA ** None 82 MP3A Yes ** NA ** None 83 MP2A Yes ** NA ** None 84 M84A Yes ** NA ** None 85 M85A Yes ** NA ** None 86 M86 Yes ** NA ** None 87 M87 Yes ** NA ** None 89 MP1B Yes ** NA ** None 90 MP3B Yes ** NA ** None 91 MP2B Yes ** NA ** None 91 MP2B Yes ** NA ** None 92 M92A Yes ** NA ** None 93 M93 Yes ** NA ** None 94 M94 Yes ** NA ** None 95 M95 Yes ** NA ** None 96 MP4C Yes ** NA ** None 97 MP3C Yes ** NA ** None 98 MP2C Yes ** NA ** None | | | | | | | | | | |
| 82 MP3A Yes ** NA ** None 84 M84A Yes ** NA ** None 85 M85A Yes ** NA ** None 86 M86 Yes ** NA ** None 87 M87 Yes ** NA ** None 88 MP4B Yes ** NA ** None 89 MP1B Yes ** NA ** None 90 MP3B Yes ** NA ** None 91 MP2B Yes ** NA ** None 91 MP2B Yes ** NA ** None 92 M92A Yes ** NA ** None 93 M93 Yes ** NA ** None 95 M95 Yes ** NA ** None 95 M95 Yes ** NA ** None 96 MP4C Yes ** NA ** None 97 MP3C Yes ** NA ** None 99 MP1C Yes ** NA ** None 100 M100 Yes ** NA ** None | | | | | | | | | | |
| 83 MP2A Yes ** NA ** None 84 M84A Yes ** NA ** None 85 M85A Yes ** NA ** None 86 M86 Yes ** NA ** None 87 M87 Yes ** NA ** None 88 MP4B Yes ** NA ** None 89 MP1B Yes ** NA ** None 90 MP3B Yes ** NA ** None 91 MP2B Yes ** NA ** None 91 M94 Yes ** NA ** None 95 M95 Yes ** NA ** None 96 MP4C Yes ** NA ** | | | | | | | | | ** NA ** | |
| 84 M84A Yes ** NA ** None 85 M85A Yes ** NA ** None 86 M86 Yes ** NA ** None 87 M87 Yes ** NA ** None 88 MP4B Yes ** NA ** None 89 MP1B Yes ** NA ** None 90 MP3B Yes ** NA ** None 91 MP2B Yes ** NA ** None 92 M92A Yes ** NA ** None 94 M94 Yes ** NA ** None 95 M95 Yes ** NA ** None 97 MP3C Yes ** NA ** | | | | | | | | | | |
| 85 M86 Yes ** NA ** None 87 M87 Yes ** NA ** None 88 MP4B Yes ** NA ** None 89 MP1B Yes ** NA ** None 90 MP3B Yes ** NA ** None 90 MP3B Yes ** NA ** None 91 MP2B Yes ** NA ** None 92 M92A Yes ** NA ** None 93 M93 Yes ** NA ** None 94 M94 Yes ** NA ** None 95 M95 Yes ** NA ** None 96 MP4C Yes ** NA ** None 97 MP3C Yes ** NA ** None 99 MP1C Yes ** NA ** None 100 M100 Yes ** NA ** None 102 M102 Yes ** NA ** | | | | | | | | | ** NA ** | |
| 86 M86 Yes ** NA ** None 87 M87 Yes ** NA ** None 88 MP4B Yes ** NA ** None 89 MP1B Yes ** NA ** None 90 MP3B Yes ** NA ** None 91 MP2B Yes ** NA ** None 92 M92A Yes ** NA ** None 93 M93 Yes ** NA ** None 94 M94 Yes ** NA ** None 95 M95 Yes ** NA ** None 96 MP4C Yes ** NA ** None 97 MP3C Yes ** NA ** None 98 MP2C Yes ** NA ** None 99 MP1C Yes ** NA ** None 100 M100 Yes ** NA ** None 101 O1 Yes ** NA ** | | | | | | | | | | |
| 87 M87 Yes ** NA ** None 88 MP4B Yes ** NA ** None 89 MP3B Yes ** NA ** None 90 MP3B Yes ** NA ** None 91 MP2B Yes ** NA ** None 92 M92A Yes ** NA ** None 93 M93 Yes ** NA ** None 94 M94 Yes ** NA ** None 95 M95 Yes ** NA ** None 96 MP4C Yes ** NA ** None 97 MP3C Yes ** NA ** None 98 MP2C Yes ** NA ** None 100 M100 Yes ** NA ** None 101 O1 Yes ** NA ** None 102 M102 Yes ** NA ** None 103 O2 Yes ** NA ** | | | | | | | | | ** NIA ** | |
| None | | | | | | | | | | |
| 89 MP1B Yes ** NA ** None 90 MP3B Yes ** NA ** None 91 MP2B Yes ** NA ** None 92 M92A Yes ** NA ** None 93 M93 Yes ** NA ** None 94 M94 Yes ** NA ** None 95 M95 Yes ** NA ** None 96 MP4C Yes ** NA ** None 97 MP3C Yes ** NA ** None 98 MP2C Yes ** NA ** None 99 MP1C Yes ** NA ** None 100 M100 Yes ** NA ** None 101 O1 Yes ** NA ** None 103 O2 Yes ** NA ** None 104 M104 Yes Yes ** NA ** None 105 M105 Yes Default None 106 M106 Yes Default None 107 M107 Yes ** NA ** None | | | | | | | | | | |
| 90 MP3B Yes ** NA ** None 91 MP2B Yes ** NA ** None 92 M92A Yes ** NA ** None 93 M93 Yes ** NA ** None 94 M94 Yes ** NA ** None 95 M95 Yes ** NA ** None 96 MP4C Yes ** NA ** None 97 MP3C Yes ** NA ** None 98 MP2C Yes ** NA ** None 98 MP1C Yes ** NA ** None 100 M100 Yes ** NA ** None 101 O1 Yes ** NA ** None 102 M102 Yes ** NA ** None 103 O2 Yes ** NA ** None 105 M105 Yes Default None 105 M106 Yes ** NA ** <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>** NIA **</td> <td></td> | | | | | | | | | ** NIA ** | |
| 91 MP2B Yes ** NA ** None 92 M92A Yes ** NA ** None 93 M93 Yes ** NA ** None 94 M94 Yes ** NA ** None 95 M95 Yes ** NA ** None 96 MP4C Yes ** NA ** None 97 MP3C Yes ** NA ** None 98 MP2C Yes ** NA ** None 99 MP1C Yes ** NA ** None 100 M100 Yes ** NA ** None 101 O1 Yes ** NA ** None 102 M102 Yes ** NA ** None 103 O2 Yes ** NA ** None 104 M104 Yes Default None 105 M105 Yes Default None 106 M106 Yes Yes | | | | | | | | | | |
| 92 M92A Yes ** NA ** None 93 M93 Yes ** NA ** None 94 M94 Yes ** NA ** None 95 M95 Yes ** NA ** None 96 MP4C Yes ** NA ** None 97 MP3C Yes ** NA ** None 98 MP2C Yes ** NA ** None 99 MP1C Yes ** NA ** None 100 M100 Yes ** NA ** None 101 O1 Yes ** NA ** None 102 M102 Yes ** NA ** None 103 O2 Yes ** NA ** None 104 M104 Yes Default None 105 M105 Yes Default None 106 M106 Yes Default None 109 M109 Yes ** NA ** None 109 M109 Yes ** NA ** None 110 M110 Yes ** NA ** None | | | | | | | | | | |
| 93 M93 Yes ** NA ** None 94 M94 Yes ** NA ** None 95 M95 Yes ** NA ** None 96 MP4C Yes ** NA ** None 97 MP3C Yes ** NA ** None 98 MP2C Yes ** NA ** None 99 MP1C Yes ** NA ** None 100 M100 Yes ** NA ** None 101 O1 Yes ** NA ** None 102 M102 Yes ** NA ** None 103 O2 Yes ** NA ** None 104 M104 Yes Default None 105 M105 Yes Default None 107 M107 Yes ** NA ** None 108 M108 Yes ** NA ** None 109 M109 Yes ** NA ** None 110 M110 Yes ** NA ** None 111 M111 Yes ** NA ** None | | | | | | | | | ** N.A. ** | |
| 94 M94 Yes ** NA ** None 95 M95 Yes ** NA ** None 96 MP4C Yes ** NA ** None 97 MP3C Yes ** NA ** None 98 MP2C Yes ** NA ** None 99 MP1C Yes ** NA ** None 100 M100 Yes ** NA ** None 100 M100 Yes ** NA ** None 102 M102 Yes ** NA ** None 103 O2 Yes ** NA ** None 104 M104 Yes Default None 105 M105 Yes Default None 106 M106 Yes ** NA ** None 108 M108 Yes ** NA ** None 109 M109 Yes ** NA ** None 109 M109 Yes ** NA | | | | | | | | | | |
| 95 M95 Yes ** NA ** None 96 MP4C Yes ** NA ** None 97 MP3C Yes ** NA ** None 98 MP2C Yes ** NA ** None 99 MP1C Yes ** NA ** None 100 M100 Yes ** NA ** None 101 O1 Yes ** NA ** None 102 M102 Yes ** NA ** None 103 O2 Yes ** NA ** None 105 M104 Yes Default None 105 M105 Yes Default None 106 M106 Yes ** NA ** None 107 M107 Yes ** NA ** None 108 M108 Yes ** NA ** None 110 M110 Yes ** NA ** None 111 M111 Yes ** NA ** None | | | | | | | | | ** NA ** | |
| 96 MP4C Yes ** NA ** None 97 MP3C Yes ** NA ** None 98 MP2C Yes ** NA ** None 99 MP1C Yes ** NA ** None 100 M100 Yes ** NA ** None 101 O1 Yes ** NA ** None 102 M102 Yes ** NA ** None 103 O2 Yes ** NA ** None 104 M104 Yes Default None 105 M105 Yes Default None 106 M106 Yes Yes Na ** None 107 M107 Yes ** NA ** None 108 M108 Yes ** NA ** None 109 M109 Yes ** NA ** None 110 M110 Yes ** NA ** None 111 M111 Yes <td></td> | | | | | | | | | | |
| 97 MP3C Yes ** NA ** None 98 MP2C Yes ** NA ** None 99 MP1C Yes ** NA ** None 100 M100 Yes ** NA ** None 101 O1 Yes ** NA ** None 102 M102 Yes ** NA ** None 103 O2 Yes ** NA ** None 104 M104 Yes Default None 105 M105 Yes Default None 106 M106 Yes ** NA ** None 107 M107 Yes ** NA ** None 108 M108 Yes ** NA ** None 109 M109 Yes ** NA ** None 110 M110 Yes ** NA ** None 111 M112 Yes ** NA ** None 113 M113 Yes ** NA ** None 115 | | | | | | | | | ** NA ** | |
| 98 MP2C Yes ** NA ** None 99 MP1C Yes ** NA ** None 100 M100 Yes ** NA ** None 101 O1 Yes ** NA ** None 102 M102 Yes ** NA ** None 103 O2 Yes Peault None 104 M104 Yes Default None 105 M105 Yes Default None 106 M106 Yes Peault None 107 M107 Yes ** NA ** None 108 M108 Yes ** NA ** None 109 M109 Yes ** NA ** None 110 M110 Yes ** NA ** None 111 M111 Yes ** NA ** None 112 M112 Yes ** NA ** None 114 M114 Yes ** NA | | | | | | | | | ** NA ** | |
| 99 MP1C Yes ** NA ** None 100 M100 Yes ** NA ** None 101 O1 Yes ** NA ** None 102 M102 Yes ** NA ** None 103 O2 Yes ** NA ** None 104 M104 Yes Default None 105 M105 Yes Default None 106 M106 Yes Default None 107 M107 Yes ** NA ** None 108 M108 Yes ** NA ** None 109 M109 Yes ** NA ** None 110 M110 Yes ** NA ** None 111 M111 Yes ** NA ** None 112 M112 Yes ** NA ** None 114 M114 Yes ** NA ** None 115 M116 Yes ** | | | | | | | | | | |
| 100 M100 Yes ** NA ** None 101 O1 Yes ** NA ** None 102 M102 Yes ** NA ** None 103 O2 Yes ** NA ** None 104 M104 Yes Default None 105 M105 Yes Default None 106 M106 Yes Default None 107 M107 Yes ** NA ** None 108 M108 Yes ** NA ** None 109 M109 Yes ** NA ** None 100 M100 Yes ** NA ** None 110 M110 Yes ** NA ** None 111 M111 Yes ** NA ** None 112 M112 Yes ** NA ** None 113 M113 Yes ** NA ** None 114 M114 Yes ** NA ** None 115 M115 Yes ** NA ** None 116 M116 Yes ** NA ** None 117 Yes ** NA ** None 118 M115 Yes ** NA ** None 119 M116 Yes ** NA ** None 110 M116 M116 M116 Yes ** NA ** None 110 M116 M116 | | | | | | | | | ^^ NA ^^ | |
| 101 O1 | | | | | | | | | | |
| 102 M102 Yes ** NA ** None 103 O2 Yes ** NA ** None 104 M104 Yes Default None 105 M105 Yes Default None 106 M106 Yes ** NA ** None 107 M107 Yes ** NA ** None 108 M108 Yes ** NA ** None 109 M109 Yes ** NA ** None 110 M110 Yes ** NA ** None 111 M111 Yes ** NA ** None 112 M112 Yes ** NA ** None 113 M113 Yes ** NA ** None 115 M115 Yes ** NA ** None 116 M116 Yes ** NA ** None | | | | | | | | | | |
| 103 O2 Yes ** NA ** None 104 M104 Yes Default None 105 M105 Yes Default None 106 M106 Yes None None 107 M107 Yes ** NA ** None 108 M108 Yes ** NA ** None 109 M109 Yes ** NA ** None 110 M110 Yes ** NA ** None 111 M111 Yes ** NA ** None 112 M112 Yes ** NA ** None 113 M113 Yes ** NA ** None 115 M115 Yes ** NA ** None 116 M116 Yes ** NA ** None | | | | | | | | | | |
| 104 M104 Yes Default None 105 M105 Yes Default None 106 M106 Yes Default None 107 M107 Yes ** NA ** None 108 M108 Yes ** NA ** None 109 M109 Yes ** NA ** None 110 M110 Yes ** NA ** None 111 M111 Yes ** NA ** None 112 M112 Yes ** NA ** None 113 M113 Yes ** NA ** None 114 M114 Yes ** NA ** None 115 M115 Yes ** NA ** None 116 M116 Yes ** NA ** None | | | | | | | | | | |
| 105 M105 Yes Default None 106 M106 Yes Default None 107 M107 Yes ** NA ** None 108 M108 Yes ** NA ** None 109 M109 Yes ** NA ** None 110 M110 Yes ** NA ** None 111 M111 Yes ** NA ** None 112 M112 Yes ** NA ** None 113 M113 Yes ** NA ** None 114 M114 Yes ** NA ** None 115 M115 Yes ** NA ** None 116 M116 Yes ** NA ** None | | | | | | | | | | |
| 106 M106 Yes Default None 107 M107 Yes ** NA ** None 108 M108 Yes ** NA ** None 109 M109 Yes ** NA ** None 110 M110 Yes ** NA ** None 111 M111 Yes ** NA ** None 112 M112 Yes ** NA ** None 113 M113 Yes ** NA ** None 114 M114 Yes ** NA ** None 115 M115 Yes ** NA ** None 116 M116 Yes ** NA ** None | | | | | | | | | | |
| 107 M107 Yes ** NA ** None 108 M108 Yes ** NA ** None 109 M109 Yes ** NA ** None 110 M110 Yes ** NA ** None 111 M111 Yes ** NA ** None 112 M112 Yes ** NA ** None 113 M113 Yes ** NA ** None 114 M114 Yes ** NA ** None 115 M115 Yes ** NA ** None 116 M116 Yes ** NA ** None | | | | | | | | | | |
| 108 M108 Yes ** NA ** None 109 M109 Yes ** NA ** None 110 M110 Yes ** NA ** None 111 M111 Yes ** NA ** None 112 M112 Yes ** NA ** None 113 M113 Yes ** NA ** None 114 M114 Yes ** NA ** None 115 M115 Yes ** NA ** None 116 M116 Yes ** NA ** None | | | | | | | | | | |
| 109 M109 Yes ** NA ** None 110 M110 Yes ** NA ** None 111 M111 Yes ** NA ** None 112 M112 Yes ** NA ** None 113 M113 Yes ** NA ** None 114 M114 Yes ** NA ** None 115 M115 Yes ** NA ** None 116 M116 Yes ** NA ** None | | | | | | | | | | |
| 110 M110 Yes ** NA ** None 111 M111 Yes ** NA ** None 112 M112 Yes ** NA ** None 113 M113 Yes ** NA ** None 114 M114 Yes ** NA ** None 115 M115 Yes ** NA ** None 116 M116 Yes ** NA ** None | | | | | | | | | | |
| 111 M111 Yes ** NA ** None 112 M112 Yes ** NA ** None 113 M113 Yes ** NA ** None 114 M114 Yes ** NA ** None 115 M115 Yes ** NA ** None 116 M116 Yes ** NA ** None | | | | | | | | | | |
| 112 M112 Yes ** NA ** None 113 M113 Yes ** NA ** None 114 M114 Yes ** NA ** None 115 M115 Yes ** NA ** None 116 M116 Yes ** NA ** None | | | | | | | | | | |
| 113 M113 Yes ** NA ** None 114 M114 Yes ** NA ** None 115 M115 Yes ** NA ** None 116 M116 Yes ** NA ** None | | | | | | | | | | |
| 114 M114 Yes ** NA ** None 115 M115 Yes ** NA ** None 116 M116 Yes ** NA ** None | | | | | | | | | | |
| 115 M115 Yes ** NA ** None 116 M116 Yes ** NA ** None | | | | | | | | | | |
| 116 M116 Yes ** NA ** None | | | | | | | | | | |
| | | | | | | | | | | |
| 117 M117 Yes ** NA ** None | | | | | | | | | | |
| | 117 | <u>M117</u> | | <u> </u> | | | | Yes | ** NA ** | None None |

: Mount Analysis

Aug 11, 2021 10:30 AM Checked By:_

Member Advanced Data (Continued)

| | Label | I Release | J Release | I Offset[in] | J Offset[in] | T/C Only | Physical | Defl RatAnalysis | Inactive | Seismic |
|-----|-------|-----------|-----------|--------------|--------------|----------|----------|------------------|----------|---------|
| 118 | M118 | | | | | | Yes | ** NA ** | | None |
| 119 | M119 | 00000X | | | | | Yes | ** NA ** | | None |
| 120 | M120 | 00000X | | | | | Yes | ** NA ** | | None |
| 121 | M121 | 00000X | | | | | Yes | ** NA ** | | None |
| 122 | M122 | 00000X | | | | | Yes | ** NA ** | | None |
| 123 | M123 | 00000X | | | | | Yes | ** NA ** | | None |
| 124 | M124 | 00000X | | | | | Yes | ** NA ** | | None |
| 125 | M125 | | | | | | Yes | | | None |
| 126 | M126 | | | | | | Yes | | | None |
| 127 | M127 | | | | | | Yes | | | None |

Member Point Loads (BLC 1 : Antenna D)

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|----|--------------|-----------|--------------------|----------------|
| 1 | MP1B | Υ | -13.5 | .5 |
| 2 | MP1B | My | .008 | .5 |
| 3 | MP1B | Mz | 015 | .5 |
| 4 | MP1B | Υ | -13.5 | 4.5 |
| 5 | MP1B | My | .008 | 4.5 |
| 6 | MP1B | Mz | 015 | 4.5 |
| 7 | MP1C | Y | -13.5 | .5 |
| 8 | MP1C | My | .008 | .5 |
| 9 | MP1C | Mz | .015 | .5 |
| 10 | MP1C | Υ | -13.5 | 4.5 |
| 11 | MP1C | My | .008 | 4.5 |
| 12 | MP1C | Mz | .015 | 4.5 |
| 13 | MP4B | Y | -13.5 | .5 |
| 14 | MP4B | My | .008 | .5 |
| 15 | MP4B | Mz | 015 | .5 |
| 16 | MP4B | Y | -13.5 | 4.5 |
| 17 | MP4B | My | .008 | 4.5 |
| 18 | MP4B | Mz | 015 | 4.5 |
| 19 | MP4C | Y | -13.5 | .5 |
| 20 | MP4C | My | .008 | .5 |
| 21 | MP4C | Mz | .015 | .5 |
| 22 | MP4C | Y | -13.5 | 4.5 |
| 23 | MP4C | My | .008 | 4.5 |
| 24 | MP4C | Mz | .015 | 4.5 |
| 25 | MP1A | Y | -10.5 | .5 |
| 26 | MP1A | My | 013 | .5 |
| 27 | MP1A | Mz | 0 | .5 |
| 28 | MP1A | Y | -10.5 | 4.5 |
| 29 | MP1A | My | 013 | 4.5 |
| 30 | MP1A | Mz | 0 | 4.5 |
| 31 | MP4A | Υ | -10.5 | .5 |
| 32 | MP4A | My | 013 | .5 |
| 33 | MP4A | Mz | 0 | .5 |
| 34 | MP4A | Υ | -10.5 | 4.5 |
| 35 | MP4A | My | 013 | 4.5 |
| 36 | MP4A | Mz | 0 | 4.5 |
| 37 | MP3A | Y | -21.85 | .5 |
| 38 | MP3A | My | 018 | .5 |
| 39 | MP3A | Mz | 013 | .5 |
| 40 | MP3A | Y | -21.85 | 4.5 |
| 41 | MP3A | My | 018 | 4.5 |
| 42 | MP3A | Mz | 013 | 4.5 |
| | | | | |

: Mount Analysis

Aug 11, 2021 10:30 AM Checked By:___

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

| | CITOINE LOUGS (BLOT. A | | | |
|----|------------------------|-----------|--------------------|----------------|
| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
| 43 | MP3B | Υ | -21.85 | .5 |
| 44 | MP3B | My | .02 | .5 |
| 45 | MP3B | Mz | 009 | .5 |
| 46 | MP3B | Y | -21.85 | 4.5 |
| 47 | MP3B | My | .02 | 4.5 |
| 48 | MP3B | Mz | 009 | 4.5 |
| 49 | MP3C | Y | -21.85 | .5 |
| 50 | MP3C | My | 002 | .5 |
| 51 | MP3C | Mz | .022 | .5 |
| 52 | MP3C | Y | -21.85 | 4.5 |
| 53 | MP3C | My | 002 | 4.5 |
| | | | .022 | 4.5 |
| 54 | MP3C | Mz | | |
| 55 | MP3A | Y | -32.3 | .5 |
| 56 | MP3A | My | 027 | .5 |
| 57 | MP3A | Mz | .019 | .5 |
| 58 | MP3A | Y | -32.3 | 4.5 |
| 59 | MP3A | My | 027 | 4.5 |
| 60 | MP3A | Mz | .019 | 4.5 |
| 61 | MP3B | Y | -32.3 | .5 |
| 62 | MP3B | My | 003 | .5 |
| 63 | MP3B | Mz | 033 | .5 |
| 64 | MP3B | Υ | -32.3 | 4.5 |
| 65 | MP3B | My | 003 | 4.5 |
| 66 | MP3B | Mz | 033 | 4.5 |
| 67 | MP3C | Y | -32.3 | .5 |
| 68 | MP3C | My | .03 | .5 |
| 69 | MP3C | Mz | .014 | .5 |
| 70 | MP3C | Y | -32.3 | 4.5 |
| 71 | MP3C | My | .03 | 4.5 |
| 72 | MP3C | Mz | .014 | 4.5 |
| 73 | MP2A | Y | -43.55 | 1.5 |
| 74 | MP2A | My | 036 | 1.5 |
| 75 | MP2A | Mz | 0 | 1.5 |
| 76 | MP2A | Y | -43.55 | 3.5 |
| 77 | MP2A | My | 036 | 3.5 |
| 78 | MP2A | Mz | 0 | 3.5 |
| 79 | MP2B | Y | -43.55 | 1.5 |
| 80 | | My | .018 | 1.5 |
| | MP2B | | | |
| 81 | MP2B | Mz Y | 031 | 1.5 |
| 82 | MP2B | | -43.55 | 3.5 |
| 83 | MP2B | My | .018 | 3.5 |
| 84 | MP2B | Mz | 031 | 3.5 |
| 85 | MP2C | Y | -43.55 | 1.5 |
| 86 | MP2C | My | .018 | 1.5 |
| 87 | MP2C | Mz | .031 | 1.5 |
| 88 | MP2C | Y | -43.55 | 3.5 |
| 89 | MP2C | My | .018 | 3.5 |
| 90 | MP2C | Mz | .031 | 3.5 |
| 91 | 01 | Y | -32 | 1 |
| 92 | 01 | My | 0 | 1 |
| 93 | 01 | Mz | 0 | 1 |
| 94 | MP2A | Y | -18.7 | .5 |
| 95 | MP2A | My | .005 | .5 .5 |
| 96 | MP2A | Mz | 0 | .5 |
| 97 | MP2B | Υ | -18.7 | .5 |
| 98 | MP2B | My | 002 | .5 |
| 99 | MP2B | Mz | .004 | .5 |
| | | | | |

Mount Analysis

Aug 11, 2021 10:30 AM Checked By:___

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|-----|--------------|-----------|--------------------|----------------|
| 100 | MP2C | Υ | -18.7 | .5 |
| 101 | MP2C | My | 002 | .5 |
| 102 | MP2C | Mz | 004 | .5 |
| 103 | MP3A | Υ | -74.7 | 2 |
| 104 | MP3A | My | .037 | 2 |
| 105 | MP3A | Mz | 0 | 2 |
| 106 | MP3B | Υ | -74.7 | 2 |
| 107 | MP3B | My | 019 | 2 |
| 108 | MP3B | Mz | .032 | 2 |
| 109 | MP3C | Υ | -74.7 | 2 |
| 110 | MP3C | My | 019 | 2 |
| 111 | MP3C | Mz | 032 | 2 |
| 112 | MP4A | Υ | -70.3 | 2 |
| 113 | MP4A | My | .035 | 2 |
| 114 | MP4A | Mz | 0 | 2 |
| 115 | MP4B | Υ | -70.3 | 2 |
| 116 | MP4B | My | 018 | 2 |
| 117 | MP4B | Mz | .03 | 2 |
| 118 | MP4C | Υ | -70.3 | 2 |
| 119 | MP4C | My | 018 | 2 |
| 120 | MP4C | Mz | 03 | 2 |
| 121 | O2 | Υ | -32 | 1 |
| 122 | 02 | My | 0 | 1 |
| 123 | O2 | Mz | 0 | 1 |

Member Point Loads (BLC 2 : Antenna Di)

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|----|--------------|-----------|--------------------|----------------|
| 1 | MP1B | Υ | -134.631 | .5 |
| 2 | MP1B | My | .084 | .5 |
| 3 | MP1B | Mz | 146 | .5 |
| 4 | MP1B | Υ | -134.631 | 4.5 |
| 5 | MP1B | My | .084 | 4.5 |
| 6 | MP1B | Mz | 146 | 4.5 |
| 7 | MP1C | Υ | -134.631 | .5 |
| 8 | MP1C | My | .084 | .5 |
| 9 | MP1C | Mz | .146 | .5 |
| 10 | MP1C | Υ | -134.631 | 4.5 |
| 11 | MP1C | My | .084 | 4.5 |
| 12 | MP1C | Mz | .146 | 4.5 |
| 13 | MP4B | Υ | -134.631 | .5 |
| 14 | MP4B | My | .084 | .5 |
| 15 | MP4B | Mz | 146 | .5 |
| 16 | MP4B | Υ | -134.631 | 4.5 |
| 17 | MP4B | My | .084 | 4.5 |
| 18 | MP4B | Mz | 146 | 4.5 |
| 19 | MP4C | Υ | -134.631 | .5 |
| 20 | MP4C | My | .084 | .5 |
| 21 | MP4C | Mz | .146 | .5 |
| 22 | MP4C | Υ | -134.631 | 4.5 |
| 23 | MP4C | My | .084 | 4.5 |
| 24 | MP4C | Mz | .146 | 4.5 |
| 25 | MP1A | Υ | -89.967 | .5 |
| 26 | MP1A | My | 112 | .5 |
| 27 | MP1A | Mz | 0 | .5 |
| 28 | MP1A | Υ | -89.967 | 4.5 |
| 29 | MP1A | My | 112 | 4.5 |

: Mount Analysis

Aug 11, 2021 10:30 AM Checked By:___

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

| | Momber Lebel | | - | Location[ft 0/1 |
|----------|-------------------|--------------|------------------------|--------------------|
| 30 | Member Label MP1A | Direction Mz | Magnitude[lb,k-ft] 0 | Location[ft,%] 4.5 |
| 31 | MP4A | Y | -89.967 | .5 |
| 32 | MP4A | My | 112 | .5 |
| 33 | MP4A | Mz | 0 | .5 |
| 34 | MP4A | Y | -89.967 | 4.5 |
| 35 | MP4A | My | 112 | 4.5 |
| 36 | MP4A | Mz | 0 | 4.5 |
| 37 | MP3A | Y | -93.133 | .5 |
| 38 | MP3A | My | 078 | .5 |
| 39 | MP3A | Mz | 054 | .5 |
| 40 | MP3A | Υ | -93.133 | 4.5 |
| 41 | MP3A | My | 078 | 4.5 |
| 42 | MP3A | Mz | 054 | 4.5 |
| 43 | MP3B | Υ | -93.133 | .5 |
| 44 | MP3B | My | .086 | .5 |
| 45 | MP3B | Mz | 04 | .5 |
| 46 | MP3B | Y | -93.133 | 4.5 |
| 47 | MP3B | My | .086 | 4.5 |
| 48 | MP3B | Mz | 04 | 4.5 |
| 49 | MP3C | Y | -93.133 | .5 |
| 50 | MP3C | My | 008 | .5 |
| 51 | MP3C | Mz | .094 | .5 |
| 52 | MP3C | Υ | -93.133 | 4.5 |
| 53 | MP3C | My | 008 | 4.5 |
| 54 | MP3C | Mz | .094 | 4.5 |
| 55 | MP3A | Y | -93.133 | .5 |
| 56 | MP3A | My | 078 | .5 |
| 57 | MP3A | Mz | .054 | .5 |
| 58 | MP3A | Υ | -93.133 | 4.5 |
| 59 | MP3A | My | 078 | 4.5 |
| 60 | MP3A | Mz | .054 | 4.5 |
| 61 | MP3B | Y | -93.133 | .5 |
| 62 | MP3B | My | 008 | .5 |
| 63 | MP3B | Mz | 094 | .5 |
| 64 | MP3B | Y | -93.133 | 4.5 |
| 65 | MP3B | My | 008 | 4.5 |
| 66 | MP3B | Mz | 094 | 4.5 |
| 67 | MP3C | Y | -93.133 | .5 |
| 68 | MP3C | My | .086 | .5 |
| 69 | MP3C | Mz Y | .04 | .5 |
| 70 71 | MP3C MP3C | My | <u>-93.133</u> .086 | 4.5 4.5 |
| 71 | MP3C MP3C | Mz | .086 | 4.5 |
| 73 | MP2A | Y | -54.958 | 1.5 |
| 74 | MP2A | My | 046 | 1.5 |
| 75 | MP2A | Mz | 040 | 1.5 |
| 76 | MP2A | Y | -54.958 | 3.5 |
| 77 | MP2A | My | 046 | 3.5 |
| 78 | MP2A | Mz | 0 | 3.5 |
| 79 | MP2B | Y | -54.958 | 1.5 |
| 80 | MP2B | My | .023 | 1.5 |
| 81 | MP2B | Mz | 04 | 1.5 |
| 82 | MP2B | Y | -54.958 | 3.5 |
| 83 | MP2B | My | .023 | 3.5 |
| 84 | MP2B | Mz | 04 | 3.5 |
| 85 | MP2C | Y | -54.958 | 1.5 |
| 86 | MP2C | My | .023 | 1.5 |
| | =0 | iviy | .020 | 1.0 |

: Mount Analysis

Aug 11, 2021 10:30 AM Checked By:__

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|-----|--------------|-----------|--------------------|----------------|
| 87 | MP2C | Mz | .04 | 1.5 |
| 88 | MP2C | Υ | -54.958 | 3.5 |
| 89 | MP2C | My | .023 | 3.5 |
| 90 | MP2C | Mz | .04 | 3.5 |
| 91 | O1 | Υ | -116.668 | 1 |
| 92 | <u>O1</u> | My | 0 | 1 |
| 93 | O1 | Mz | 0 | 1 |
| 94 | MP2A | Υ | -31.873 | .5 |
| 95 | MP2A | My | .008 | .5 |
| 96 | MP2A | Mz | 0 | .5 |
| 97 | MP2B | Υ | -31.873 | .5 |
| 98 | MP2B | My | 004 | .5 |
| 99 | MP2B | Mz | .007 | .5 |
| 100 | MP2C | Υ | -31.873 | .5 |
| 101 | MP2C | My | 004 | .5 |
| 102 | MP2C | Mz | 007 | .5 |
| 103 | MP3A | Υ | -69.812 | 2 |
| 104 | MP3A | My | .035 | 2 |
| 105 | MP3A | Mz | 0 | 2 |
| 106 | MP3B | Υ | -69.812 | 2 |
| 107 | MP3B | My | 017 | 2 |
| 108 | MP3B | Mz | .03 | 2 |
| 109 | MP3C | Υ | -69.812 | 2 |
| 110 | MP3C | My | 017 | 2 |
| 111 | MP3C | Mz | 03 | 2 |
| 112 | MP4A | Υ | -66.592 | 2 |
| 113 | MP4A | My | .033 | 2 |
| 114 | MP4A | Mz | 0 | 2 |
| 115 | MP4B | Υ | -66.592 | 2 |
| 116 | MP4B | My | 017 | 2 |
| 117 | MP4B | Mz | .029 | 2 |
| 118 | MP4C | Υ | -66.592 | 2 |
| 119 | MP4C | My | 017 | 2 |
| 120 | MP4C | Mz | 029 | 2 |
| 121 | O2 | Υ | -116.668 | 1 |
| 122 | 02 | My | 0 | 1 |
| 123 | O2 | Mz | 0 | 1 |

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|----|--------------|-----------|--------------------|----------------|
| 1 | MP1B | X | 0 | .5 |
| 2 | MP1B | Z | -125.168 | .5 |
| 3 | MP1B | Mx | .135 | .5 |
| 4 | MP1B | Χ | 0 | 4.5 |
| 5 | MP1B | Z | -125.168 | 4.5 |
| 6 | MP1B | Mx | .135 | 4.5 |
| 7 | MP1C | X | 0 | .5 |
| 8 | MP1C | Z | -125.168 | .5 |
| 9 | MP1C | Mx | 135 | .5 |
| 10 | MP1C | X | 0 | 4.5 |
| 11 | MP1C | Z | -125.168 | 4.5 |
| 12 | MP1C | Mx | 135 | 4.5 |
| 13 | MP4B | X | 0 | .5 |
| 14 | MP4B | Z | -125.168 | .5 |
| 15 | MP4B | Mx | .135 | .5 |
| 16 | MP4B | X | 0 | 4.5 |

Mount Analysis

Aug 11, 2021 10:30 AM Checked By:___

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

| Wichik | dei Pullit Luaus (BLC 3 . All | cima wo to beg | / (Oomanaca) | |
|--------|-------------------------------|----------------|--------------------|----------------|
| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
| 17 | MP4B | Z | -125.168 | 4.5 |
| 18 | MP4B | Mx | .135 | 4.5 |
| 19 | MP4C | X | 0 | .5 |
| 20 | MP4C | Z | -125.168 | .5 |
| 21 | MP4C | Mx | 135 | .5 |
| 22 | MP4C | X | 0 | 4.5 |
| 23 | MP4C | Z | -125.168 | 4.5 |
| 24 | MP4C | Mx | 135 | 4.5 |
| 25 | MP1A | X | 0 | .5 |
| 26 | MP1A | Z | -61.372 | .5 |
| 27 | MP1A | Mx | 0 | .5 |
| 28 | MP1A | X | 0 | 4.5 |
| 29 | MP1A | Z | -61.372 | 4.5 |
| 30 | MP1A | Mx | 0 | 4.5 |
| 31 | MP4A | X Z | 0 | .5 |
| 32 | MP4A | | -61.372 | .5 .5 |
| 34 | MP4A MP4A | Mx X | 0 | 4.5 |
| 35 | MP4A MP4A | Z | -61.372 | 4.5 |
| 36 | MP4A | Mx | -01.372 | 4.5 |
| 37 | MP3A | X | 0 | .5 |
| 38 | MP3A | Z | -114.523 | .5 |
| 39 | MP3A | Mx | .067 | .5 |
| 40 | MP3A | X | 0 | 4.5 |
| 41 | MP3A | Z | -114.523 | 4.5 |
| 42 | MP3A | Mx | .067 | 4.5 |
| 43 | MP3B | X | 0 | .5 |
| 44 | MP3B | Z | -85.414 | .5 |
| 45 | MP3B | Mx | .037 | .5 |
| 46 | MP3B | X | 0 | 4.5 |
| 47 | MP3B | Z | -85.414 | 4.5 |
| 48 | MP3B | Mx | .037 | 4.5 |
| 49 | MP3C | X | 0 | .5 |
| 50 | MP3C | Z | -85.414 | .5 |
| 51 | MP3C | Mx | 087 | .5 |
| 52 | MP3C | X | 0 | 4.5 |
| 53 | MP3C | Z | -85.414 | 4.5 |
| 54 | MP3C | Mx | 087 | 4.5 |
| 55 | MP3A | X | 0 | .5 |
| 56 | MP3A | Z | -114.097 | .5 |
| 57 | MP3A | Mx | 067 | .5 |
| 58 | MP3A | X | 0 | 4.5 |
| 59 | MP3A | Z | -114.097 | 4.5 |
| 60 | MP3A | Mx | 067 | 4.5 |
| 61 | MP3B | X | 0 | .5 |
| 62 | MP3B | Z | -85.307 | .5 |
| 63 | MP3B | Mx | .086 | .5 |
| 64 | MP3B | X | 0 | 4.5 |
| 65 | MP3B | Z | -85.307 | 4.5 |
| 66 | MP3B | Mx | .086 | 4.5 |
| 67 | MP3C | X | 0 | .5 |
| 68 | MP3C | Z | -85.307 | .5 |
| 69 | MP3C | Mx | 037 | .5 |
| 70 | MP3C | X | 0 | 4.5 |
| 71 | MP3C | Z | -85.307 | 4.5 |
| 72 | MP3C | Mx | 037 | 4.5 |
| 73 | MP2A | X | 0 | 1.5 |

: Mount Analysis

Aug 11, 2021 10:30 AM Checked By:___

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|-----|--------------|-----------|--------------------|----------------|
| 74 | MP2A | Z | -66.616 | 1.5 |
| 75 | MP2A | Mx | 0 | 1.5 |
| 76 | MP2A | X | 0 | 3.5 |
| 77 | MP2A | Z | -66.616 | 3.5 |
| 78 | MP2A | Mx | 0 | 3.5 |
| 79 | MP2B | X | 0 | 1.5 |
| 80 | MP2B | Z | -36.214 | 1.5 |
| 81 | MP2B | Mx | .026 | 1.5 |
| 82 | MP2B | X | 0 | 3.5 |
| 83 | MP2B | Z | -36.214 | 3.5 |
| 84 | MP2B | Mx | .026 | 3.5 |
| 85 | MP2C | X | 0 | 1.5 |
| 86 | MP2C | Z | -36.214 | 1.5 |
| 87 | MP2C | Mx | 026 | 1.5 |
| 88 | MP2C | X | 0 | 3.5 |
| 89 | MP2C | Z | -36.214 | 3.5 |
| 90 | MP2C | Mx | 026 | 3.5 |
| 91 | O1 | X | 0 | 1 |
| 92 | O1 | Z | -107.436 | 1 |
| 93 | O1 | Mx | 0 | 1 |
| 94 | MP2A | X | 0 | .5 |
| 95 | MP2A | Z | -28.347 | .5 |
| 96 | MP2A | Mx | 0 | .5 |
| 97 | MP2B | X | 0 | .5 |
| 98 | MP2B | Z | -17.74 | .5 |
| 99 | MP2B | Mx | 004 | .5 |
| 100 | MP2C | X | 0 | .5 |
| 101 | MP2C | Z | -17.74 | .5 |
| 102 | MP2C | Mx | .004 | .5 |
| 103 | MP3A | X | 0 | 2 |
| 104 | MP3A | Z | -53.009 | 2 |
| 105 | MP3A | Mx | 0 | 2 |
| 106 | MP3B | X | 0 | 2 |
| 107 | MP3B | Z | -39.828 | 2 |
| 108 | MP3B | Mx | 017 | 2 |
| 109 | MP3C | X | 0 | 2 |
| 110 | MP3C | Z | -39.828 | 2 |
| 111 | MP3C | Mx | .017 | 2 |
| 112 | MP4A | X | 0 | 2 |
| 113 | MP4A | Z | -53.009 | 2 |
| 114 | MP4A | Mx | 0 | 2 |
| 115 | MP4B | X | 0 | 2 |
| 116 | MP4B | Z | -37.436 | 2 |
| 117 | MP4B | Mx | 016 | 2 2 |
| 118 | MP4C | X | 0 | 2 |
| 119 | MP4C | Z | -37.436 | 2 |
| 120 | MP4C | Mx | .016 | 2 |
| 121 | O2 | X | 0 | 1 |
| 122 | O2 | Z | -107.436 | 1 |
| 123 | 02 | Mx | 0 | 1 |

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|---|--------------|-----------|--------------------|----------------|
| 1 | MP1B | X | 60.767 | .5 |
| 2 | MP1B | Z | -105.252 | .5 |
| 3 | MP1B | Mx | .152 | .5 |

: Mount Analysis

Aug 11, 2021 10:30 AM Checked By:___

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

| Member Label Direction Macentudelib L-ft Location(ft/%) | | - | internia vvo (30 De | | |
|---|----|------|---------------------|----------|------------|
| 6 MP16 Mx .152 4.5 7 MP1C X 66.217 5 8 MP1C Z .114.691 5 9 MP1C X .083 .5 10 MP1C X .66.217 .4.5 11 MP1C Z .141.691 .4.5 12 MP1C X .66.217 .4.5 12 MP1C X .66.217 .4.5 12 MP1C X .66.217 .5 14 MP4B X .60.767 .5 14 MP4B X .60.767 .4.5 15 MP4B X .60.767 .4.5 17 MP4B X .60.767 .4.5 17 MP4B X .60.767 .4.5 17 MP4B X .60.767 .4.5 19 MP4C X .66.217 .5 20 | | | | | |
| 6 MP1B Mx .152 4.5 7 MP1C X 66.217 5 8 MP1C Z .114.691 5 9 MP1C X .083 5 10 MP1C X .66.217 4.5 11 MP1C Z .144.691 4.5 12 MP1C X .66.217 4.5 14 MP4B X .60.767 5 14 MP4B X .60.767 4.5 15 MP4B X .60.767 4.5 17 MP4B X .60.767 4.5 18 MP4B X .60.767 4.5 19 MP4C X .66.217 .5 20 MP4G | | | X | | 4.5 |
| T MP1C X 66.217 .5 9 MP1C Mx -0.83 .5 10 MP1C X 68.217 .4.5 11 MP1C Z -114.691 .4.5 12 MP1C Mx -0.83 .4.5 13 MP4B X 60.767 .5 14 MP4B X 60.767 .5 14 MP4B X 60.767 .5 16 MP4B MX .152 .5 16 MP4B X 60.767 .4.5 17 MP4B X 60.767 .4.5 18 MP4B X 60.767 .4.5 18 MP4B X 60.767 .4.5 18 MP4B X 60.767 .4.5 19 MP4C X 66.217 .5 20 MP4C X 66.217 .5 21 MP4C | | | | -105.252 | |
| 8 MP1C Z -114.691 5 10 MP1C Mx -0.83 .5 10 MP1C X 66.217 .45 11 MP1C Z -114.691 .45 12 MP1C Mx -083 .45 13 MP4B X 60.767 .5 14 MP4B X 60.767 .5 15 MP4B X 60.767 .5 15 MP4B X 60.767 .5 15 MP4B X 60.767 .5 16 MP4B X 60.767 .45 17 MP4B X 60.767 .45 18 MP4B X 60.767 .45 19 MP4C X 66.217 .5 20 MP4C X 66.217 .5 21 MP4C X 66.217 .45 23 MP4C | | | | | |
| 9 | | | X | | .5 |
| 10 | 8 | MP1C | Z | -114.691 | |
| 10 | 9 | MP1C | Mx | 083 | .5 |
| 11 | 10 | MP1C | X | 66.217 | 4.5 |
| 12 | 11 | | Z | -114.691 | 4.5 |
| 13 MP4B X 60.767 .5 14 MP4B Z -105.252 .5 15 MP4B X 60.767 4.5 16 MP4B X 60.767 4.5 17 MP4B Z -105.252 4.5 18 MP4B MX 152 4.5 19 MP4C X 66.217 5 20 MP4C Z -114.691 .5 21 MP4C X 66.217 4.5 24 MP4C X 66.217 4.5 24 MP4C X 38.301 .5 25 MP1A X 38.301 .5 26 MP1A X 38.301 .5 27 MP1A | | | Mx | | |
| 14 MP4B X 152 5 16 MP4B X 60.767 4.5 17 MP4B X 60.767 4.5 17 MP4B X 60.767 4.5 18 MP4B Mx 152 4.5 19 MP4C X 66.217 .5 20 MP4C X 66.217 .5 21 MP4C MX -083 .5 21 MP4C X 66.217 4.5 23 MP4C X 66.217 4.5 24 MP4C Mx -083 5 24 MP4C Mx -083 4.5 25 MP1A X 38.301 5 26 MP1A Z -66.34 5 27 MP1A Mx -048 .5 28 MP1A X 38.301 4.5 30 MP1A X< | | | | | |
| 15 MP4B Mx 152 5 16 MP4B X 60.767 4.5 17 MP4B Z -105.252 4.5 18 MP4B Mx 152 4.5 19 MP4C X 66.217 .5 20 MP4C Z -114.691 .5 21 MP4C Mx -083 .5 22 MP4C X 66.217 4.5 23 MP4C X 66.217 4.5 24 MP4C Mx -083 4.5 24 MP4C Mx -083 4.5 25 MP1A X 38.301 5 26 MP1A X 38.301 5 27 MP1A | | | Z | | .5 |
| 16 MP4B X 60,767 4.5 17 MP4B Z -105,252 4.5 18 MP4B Mx .152 4.5 19 MP4C X 66,217 .5 20 MP4C Z -114,691 .5 21 MP4C Mx -083 .5 21 MP4C X 66,217 4.5 23 MP4C X 66,217 4.5 23 MP4C X 66,217 4.5 23 MP4C X 66,217 4.5 24 MP4C Mx -083 5 24 MP4C Mx -083 4.5 25 MP1A X 38,301 5 26 MP1A X 38,301 5 27 MP1A Mx -048 5 28 MP1A X 38,301 4.5 30 MP1A | 15 | | | 152 | 5 |
| 17 MP4B Z -105_252 4.5 19 MP4C X 66.217 .5 20 MP4C X 66.217 .5 20 MP4C X 66.217 .5 21 MP4C Mx -083 .5 22 MP4C X 66.217 4.5 23 MP4C X 66.217 4.5 24 MP4C X 66.217 4.5 24 MP4C X 66.217 4.5 24 MP4C X 66.217 4.5 25 MP1A X 38.301 .5 26 MP1A X 38.301 .5 27 MP1A X 38.301 .5 28 MP1A X 38.301 .5 29 MP1A X 38.301 .5 30 MP1A X 38.301 .5 31 MP4A | | | Y | | 4.5 |
| 18 MP4B Mx .152 4.5 19 MP4C X 66.217 .5 20 MP4C Z -114.691 .5 21 MP4C Mx 083 .5 22 MP4C X 66.217 4.5 23 MP4C X 4.5 4.5 24 MP4C Mx 083 4.5 24 MP4C Mx 083 4.5 25 MP1A X 38.301 .5 26 MP1A Z -66.34 .5 27 MP1A Mx -048 .5 28 MP1A X 38.301 4.5 29 MP1A X 38.301 4.5 30 MP1A X 38.301 5 31 MP4A X 38.301 5 32 MP4A X 38.301 5 33 MP4A | | | | | |
| 19 MP4C X 66.217 5 20 MP4C Z -114.691 .5 21 MP4C Mx -083 .5 22 MP4C X 66.217 4.5 23 MP4C Z -114.691 4.5 24 MP4C Mx -083 4.5 24 MP4C Mx -083 4.5 25 MP1A X 38.301 .5 26 MP1A X 38.301 .5 26 MP1A X 38.301 .5 27 MP1A Mx -048 .5 28 MP1A X 38.301 4.5 29 MP1A X 38.301 4.5 30 MP1A X 38.301 5 31 MP4A X 38.301 5 32 MP4A X 38.301 4.5 33 MP4A | | | | | |
| 20 MP4C Z -114.691 5 21 MP4C MX 66.217 4.5 22 MP4C X 66.217 4.5 23 MP4C Z -114.691 4.5 24 MP4C Mx -083 4.5 25 MP1A X 38.301 5 26 MP1A X 38.301 5 27 MP1A MX -048 .5 27 MP1A MX 38.301 4.5 28 MP1A X 38.301 4.5 29 MP1A X 38.301 4.5 30 MP1A X 38.301 5 31 MP4A X 38.301 .5 32 MP4A X 38.301 .5 33 MP4A X 38.301 4.5 33 MP4A X 38.301 4.5 34 MP4A | | | | | |
| MP4C | | | 7 | | |
| 22 MP4C X 66.217 4.5 23 MP4C Z -114.691 4.5 24 MP4C Mx 083 4.5 25 MP1A X 38.301 .5 26 MP1A X 38.301 .5 27 MP1A MX 048 .5 28 MP1A X 38.301 4.5 29 MP1A X 38.301 4.5 30 MP1A X 38.301 4.5 31 MP4A X 38.301 .5 32 MP4A X 38.301 .5 33 MP4A X 38.301 4.5 34 MP4A X 38.301 4.5 34 MP4A X 38.301 4.5 34 MP4A X 38.301 4.5 35 MP4A X 38.301 4.5 36 MP4A </td <td></td> <td></td> <td></td> <td></td> <td>.5</td> | | | | | .5 |
| 23 MP4C Z -114,691 4,5 24 MP4C Mx -0.83 4,5 25 MP1A X 38,301 .5 26 MP1A Z -66,34 .5 27 MP1A Mx -048 .5 28 MP1A X 38,301 4,5 29 MP1A Z -66,34 4,5 30 MP1A Mx -048 4,5 31 MP4A X 38,301 .5 32 MP4A Z -66,34 .5 33 MP4A Z -66,34 .5 34 MP4A X 38,301 .5 34 MP4A X 38,301 .4,5 35 MP4A X 38,301 .4,5 36 MP4A X 38,301 .4,5 35 MP4A X 38,301 .4,5 36 MP4A </td <td></td> <td></td> <td></td> <td></td> <td></td> | | | | | |
| 24 MP4C Mx 083 4.5 25 MP1A X 38.301 .5 26 MP1A Z -66.34 .5 27 MP1A Mx 048 .5 28 MP1A X 38.301 4.5 29 MP1A Z -66.34 4.5 30 MP1A Mx -,048 4.5 31 MP4A X 38.301 .5 32 MP4A X 38.301 .5 32 MP4A X 38.301 .5 33 MP4A X 38.301 .5 34 MP4A X 38.301 4.5 35 MP4A X 38.301 4.5 36 MP4A X 38.301 4.5 36 MP4A X 38.301 4.5 37 MP3A X 52.41 .5 38 MP3A | | | | | |
| 25 MP1A X 38,301 .5 26 MP1A Z -66.34 .5 27 MP1A Mx 048 .5 28 MP1A X 38,301 4.5 29 MP1A X -66.34 4.5 30 MP1A Mx 048 4.5 31 MP4A X 38,301 .5 32 MP4A X 38,301 .5 32 MP4A X 38,301 .5 34 MP4A X 38,301 4.5 34 MP4A X 38,301 4.5 35 MP4A X 38,301 4.5 36 MP4A X 38,301 4.5 37 MP4A X 38,301 4.5 38 MP4A X 38,301 4.5 37 MP3A X 52,41 .5 38 MP4A | | | | | 4.5 |
| 26 MP1A Z -66.34 .5 27 MP1A Mx 048 .5 28 MP1A X 38.301 4.5 29 MP1A Z -66.34 4.5 30 MP1A Mx 048 4.5 31 MP4A X 38.301 .5 32 MP4A Z -66.34 .5 33 MP4A X 38.301 4.5 34 MP4A X 38.301 4.5 35 MP4A X 38.301 4.5 36 MP4A X 38.301 4.5 37 MP3A X 52.41 4.5 38 MP3A <td></td> <td></td> <td></td> <td></td> <td>4.5</td> | | | | | 4.5 |
| 27 MP1A Mx 048 .5 28 MP1A X 38.301 4.5 29 MP1A Z -66.34 4.5 30 MP1A Mx 048 4.5 31 MP4A X 38.301 .5 32 MP4A Z -66.34 .5 33 MP4A Mx 048 .5 34 MP4A X 38.301 4.5 36 MP4A X 38.301 4.5 37 MP3A X 52.41 .5 38 MP3A X 52.41 .5 39 MP3A X 52.41 .5 40 MP3A X 52.41 .5 41 MP3A | | | <u> </u> | | 5 |
| 28 MP1A X 38.301 4.5 29 MP1A Z -66.34 4.5 30 MP1A Mx -048 4.5 31 MP4A X 38.301 .5 32 MP4A Z -66.34 .5 33 MP4A X 38.301 4.5 34 MP4A X 38.301 4.5 35 MP4A X 38.301 4.5 36 MP4A X 38.301 4.5 36 MP4A X -66.34 4.5 36 MP4A X -048 4.5 37 MP3A X 52.41 .5 38 MP3A X 52.41 .5 39 MP3A X 52.41 .5 40 MP3A X 52.41 4.5 41 MP3A X 52.41 4.5 42 MP3A | | | | | 5 |
| 29 MP1A Z -66.34 4.5 30 MP1A Mx 048 4.5 31 MP4A X 38.301 .5 32 MP4A Z -66.34 .5 33 MP4A Mx 048 .5 34 MP4A X 38.301 4.5 35 MP4A X 38.301 4.5 36 MP4A Z -66.34 4.5 36 MP4A X 38.301 4.5 36 MP4A X 38.301 4.5 35 MP4A X 38.301 4.5 36 MP4A X 38.301 4.5 35 MP4A X 38.301 4.5 36 MP4A X 38.301 4.5 37 MP3A X 52.41 .5 39 MP3A X 52.41 .5 40 MP3A | | | | | .5 |
| 30 MP1A Mx 048 4.5 311 MP4A X 38.301 .5 32 MP4A Z -66.34 .5 33 MP4A Mx 048 .5 34 MP4A X 38.301 4.5 35 MP4A X 38.301 4.5 36 MP4A X 38.301 4.5 37 MP4A X -66.34 4.5 36 MP4A Mx 048 4.5 37 MP3A X 52.41 .5 38 MP3A X 52.41 .5 39 MP3A X 52.41 .5 40 MP3A X 52.41 4.5 41 MP3A X 52.41 4.5 41 MP3A X 37.855 .5 44 MP3B X 37.855 .5 45 MP3B | | | X | | |
| 31 MP4A Z -66.34 .5 32 MP4A Z -66.34 .5 33 MP4A Mx 048 .5 34 MP4A X 38.301 4.5 35 MP4A Z -66.34 4.5 36 MP4A Mx 048 4.5 37 MP3A X 52.41 .5 38 MP3A X 52.41 .5 39 MP3A X 52.41 .5 40 MP3A X 52.41 4.5 41 MP3A X 37.855 .5 44 MP3B X 37.855 .5 44 MP3B X 37.855 4.5 47 MP3B | | | | | |
| 32 MP4A Z -66.34 .5 33 MP4A Mx 048 .5 34 MP4A X 38.301 4.5 35 MP4A Z -66.34 4.5 36 MP4A Mx 048 4.5 37 MP3A X 52.41 .5 38 MP3A X 52.41 .5 39 MP3A Mx .009 .5 40 MP3A X 52.41 4.5 41 MP3A X 52.41 4.5 41 MP3A X 52.41 4.5 41 MP3A X 52.41 4.5 42 MP3A X 37.855 .5 44 MP3B X 37.855 .5 44 MP3B X 37.855 4.5 47 MP3B X 37.855 4.5 47 MP3B | | | | | |
| 33 MP4A Mx 048 .5 34 MP4A X 38.301 4.5 35 MP4A Z -66.34 4.5 36 MP4A Mx 048 4.5 37 MP3A X 52.41 .5 38 MP3A X 52.41 .5 39 MP3A Mx .009 .5 40 MP3A X 52.41 4.5 41 MP3A X 52.41 4.5 41 MP3A X 52.41 4.5 42 MP3A X 37.855 .5 43 MP3B X 37.855 .5 44 MP3B X 37.855 .5 45 MP3B X 37.855 4.5 47 MP3B X 37.855 4.5 47 MP3B X 37.855 4.5 47 MP3B | | | X | | .5 |
| 34 MP4A X 38.301 4.5 35 MP4A Z -66.34 4.5 36 MP4A MX -048 4.5 37 MP3A X 52.41 .5 38 MP3A Z -90.776 .5 39 MP3A MX .009 .5 40 MP3A X 52.41 4.5 41 MP3A X 52.41 4.5 41 MP3A X 52.41 4.5 42 MP3A X 0.09 4.5 43 MP3B X 37.855 .5 44 MP3B X 37.855 .5 45 MP3B X 37.855 4.5 45 MP3B X 37.855 4.5 46 MP3B X 37.855 4.5 46 MP3B X 37.855 4.5 47 MP3B | | | | | .5 |
| 35 MP4A Z -66.34 4.5 36 MP4A Mx 048 4.5 37 MP3A X 52.41 .5 38 MP3A Z -90.776 .5 39 MP3A MX .009 .5 40 MP3A X 52.41 4.5 41 MP3A Z -90.776 4.5 42 MP3A MX .009 4.5 43 MP3A MX .009 4.5 43 MP3B X 37.855 .5 44 MP3B X 37.855 .5 45 MP3B X 37.855 4.5 45 MP3B | | | | | .5 |
| 36 MP4A Mx 048 4.5 37 MP3A X 52.41 .5 38 MP3A Z -90.776 .5 39 MP3A Mx .009 .5 40 MP3A X 52.41 4.5 41 MP3A Z -90.776 4.5 42 MP3A Mx .009 4.5 43 MP3B X 37.855 .5 44 MP3B Z -65.567 .5 44 MP3B X 37.855 4.5 46 MP3B X 37.855 4.5 47 MP3B X 37.855 4.5 48 MP3B X 37.855 4.5 49 MP3C X 52.41 .5 50 MP3C X 52.41 .5 51 MP3C X 52.41 4.5 53 MP3C | | | X | 38.301 | 4.5 |
| 36 MP4A Mx 048 4.5 37 MP3A X 52.41 .5 38 MP3A Z -90.776 .5 39 MP3A Mx .009 .5 40 MP3A X 52.41 4.5 41 MP3A Z -90.776 4.5 42 MP3A Mx .009 4.5 43 MP3B X 37.855 .5 44 MP3B X 37.855 .5 44 MP3B X 37.855 4.5 46 MP3B X 37.855 4.5 47 MP3B X 37.855 4.5 47 MP3B X 37.855 4.5 48 MP3B X 37.855 4.5 49 MP3C X 52.41 .5 50 MP3C X 52.41 .5 51 MP3C | 35 | MP4A | Z | -66.34 | 4.5 |
| 37 MP3A X 52.41 .5 38 MP3A Z -90.776 .5 39 MP3A Mx .009 .5 40 MP3A X 52.41 4.5 41 MP3A Z -90.776 4.5 42 MP3A Mx .009 4.5 43 MP3B X 37.855 .5 44 MP3B Z -65.567 .5 45 MP3B X 37.855 4.5 46 MP3B X 37.855 4.5 47 MP3B X 37.855 4.5 47 MP3B X 37.855 4.5 48 MP3B X 37.855 4.5 49 MP3C X 52.41 .5 50 MP3C X 52.41 .5 51 MP3C X 52.41 4.5 53 MP3C | 36 | | Mx | | |
| 38 MP3A Z -90.776 .5 39 MP3A Mx .009 .5 40 MP3A X 52.41 4.5 41 MP3A Z -90.776 4.5 42 MP3A Mx .009 4.5 43 MP3B X 37.855 .5 44 MP3B Z -65.567 .5 45 MP3B Mx .063 .5 46 MP3B X 37.855 4.5 47 MP3B X 37.855 4.5 47 MP3B X 37.855 4.5 48 MP3B X 37.855 4.5 48 MP3B X 37.855 4.5 48 MP3B X 52.41 .5 50 MP3C X 52.41 .5 50 MP3C X 52.41 4.5 51 MP3C | | | | | |
| 39 MP3A Mx .009 .5 40 MP3A X 52.41 4.5 41 MP3A Z -90.776 4.5 42 MP3A Mx .009 4.5 43 MP3B X 37.855 .5 44 MP3B Z -65.567 .5 45 MP3B Mx .063 .5 46 MP3B X 37.855 4.5 47 MP3B X 37.855 4.5 48 MP3B X 37.855 4.5 49 MP3B X 52.41 .5 50 MP3C X 52.41 .5 51 MP3C X 52.41 4.5 52 MP3C | | | Z | | .5 |
| 40 MP3A X 52.41 4.5 41 MP3A Z -90.776 4.5 42 MP3A Mx .009 4.5 43 MP3B X 37.855 .5 44 MP3B Z -65.567 .5 45 MP3B Mx .063 .5 46 MP3B X 37.855 4.5 47 MP3B X 37.855 4.5 48 MP3B X 37.855 4.5 48 MP3B X 37.855 4.5 49 MP3B X 37.855 4.5 49 MP3B X 37.855 4.5 49 MP3B X 37.855 4.5 50 MP3C X 52.41 .5 50 MP3C X 52.41 .5 51 MP3C X 52.41 4.5 52 MP3C | | | Mx | | |
| 41 MP3A Z -90.776 4.5 42 MP3A Mx .009 4.5 43 MP3B X 37.855 .5 44 MP3B Z -65.567 .5 45 MP3B MX .063 .5 46 MP3B X 37.855 4.5 47 MP3B Z -65.567 4.5 48 MP3B MX .063 4.5 49 MP3C X 52.41 .5 50 MP3C Z -90.776 .5 51 MP3C MX 097 .5 52 MP3C X 52.41 4.5 53 MP3C X 52.41 4.5 54 MP3C X 52.41 4.5 54 MP3C X 52.25 .5 55 MP3A X 52.25 .5 56 MP3A X 096 .5 | | | | | 4.5 |
| 42 MP3A Mx .009 4.5 43 MP3B X 37.855 .5 44 MP3B Z -65.567 .5 45 MP3B Mx .063 .5 46 MP3B X 37.855 4.5 47 MP3B Z -65.567 4.5 48 MP3B Mx .063 4.5 49 MP3C X 52.41 .5 50 MP3C Z -90.776 .5 51 MP3C Mx 097 .5 52 MP3C X 52.41 4.5 53 MP3C X 52.41 4.5 54 MP3C X 52.41 4.5 54 MP3C Mx 097 4.5 55 MP3A X 52.25 .5 56 MP3A X 096 .5 | | | | | |
| 43 MP3B X 37.855 .5 44 MP3B Z -65.567 .5 45 MP3B Mx .063 .5 46 MP3B X 37.855 4.5 47 MP3B Z -65.567 4.5 48 MP3B Mx .063 4.5 49 MP3C X 52.41 .5 50 MP3C Z -90.776 .5 51 MP3C Mx 097 .5 52 MP3C X 52.41 4.5 53 MP3C X 52.41 4.5 54 MP3C Mx 097 4.5 55 MP3A X 52.25 .5 56 MP3A Z -90.5 .5 57 MP3A Mx 096 .5 | | | | | |
| 44 MP3B Z -65.567 .5 45 MP3B Mx .063 .5 46 MP3B X 37.855 4.5 47 MP3B Z -65.567 4.5 48 MP3B Mx .063 4.5 49 MP3C X 52.41 .5 50 MP3C Z -90.776 .5 51 MP3C Mx 097 .5 52 MP3C X 52.41 4.5 53 MP3C Z -90.776 4.5 54 MP3C Mx 097 4.5 55 MP3A X 52.25 .5 56 MP3A Z -90.5 .5 57 MP3A Mx 096 .5 | | | | | |
| 45 MP3B Mx .063 .5 46 MP3B X 37.855 4.5 47 MP3B Z -65.567 4.5 48 MP3B Mx .063 4.5 49 MP3C X 52.41 .5 50 MP3C Z -90.776 .5 51 MP3C Mx 097 .5 52 MP3C X 52.41 4.5 53 MP3C Z -90.776 4.5 54 MP3C Mx 097 4.5 55 MP3A X 52.25 .5 56 MP3A Z -90.5 .5 57 MP3A Mx 096 .5 | | | | | |
| 46 MP3B X 37.855 4.5 47 MP3B Z -65.567 4.5 48 MP3B Mx .063 4.5 49 MP3C X 52.41 .5 50 MP3C Z -90.776 .5 51 MP3C Mx 097 .5 52 MP3C X 52.41 4.5 53 MP3C Z -90.776 4.5 54 MP3C Mx 097 4.5 55 MP3A X 52.25 .5 56 MP3A Z -90.5 .5 57 MP3A Mx 096 .5 | 45 | | | | 5 |
| 47 MP3B Z -65.567 4.5 48 MP3B Mx .063 4.5 49 MP3C X 52.41 .5 50 MP3C Z -90.776 .5 51 MP3C Mx 097 .5 52 MP3C X 52.41 4.5 53 MP3C Z -90.776 4.5 54 MP3C Mx 097 4.5 55 MP3A X 52.25 .5 56 MP3A Z -90.5 .5 57 MP3A Mx 096 .5 | | | X | | <u>.</u> |
| 48 MP3B Mx .063 4.5 49 MP3C X 52.41 .5 50 MP3C Z -90.776 .5 51 MP3C Mx 097 .5 52 MP3C X 52.41 4.5 53 MP3C Z -90.776 4.5 54 MP3C Mx 097 4.5 55 MP3A X 52.25 .5 56 MP3A Z -90.5 .5 57 MP3A Mx 096 .5 | | | 7 | | 4.5 4.5 |
| 49 MP3C X 52.41 .5 50 MP3C Z -90.776 .5 51 MP3C Mx 097 .5 52 MP3C X 52.41 4.5 53 MP3C Z -90.776 4.5 54 MP3C Mx 097 4.5 55 MP3A X 52.25 .5 56 MP3A Z -90.5 .5 57 MP3A Mx 096 .5 | | | | | |
| 51 MP3C Mx 097 .5 52 MP3C X 52.41 4.5 53 MP3C Z -90.776 4.5 54 MP3C Mx 097 4.5 55 MP3A X 52.25 .5 56 MP3A Z -90.5 .5 57 MP3A Mx 096 .5 | | | | | |
| 51 MP3C Mx 097 .5 52 MP3C X 52.41 4.5 53 MP3C Z -90.776 4.5 54 MP3C Mx 097 4.5 55 MP3A X 52.25 .5 56 MP3A Z -90.5 .5 57 MP3A Mx 096 .5 | | | 7 | | |
| 52 MP3C X 52.41 4.5 53 MP3C Z -90.776 4.5 54 MP3C Mx 097 4.5 55 MP3A X 52.25 .5 56 MP3A Z -90.5 .5 57 MP3A Mx 096 .5 | | | | | .0 |
| 53 MP3C Z -90.776 4.5 54 MP3C Mx 097 4.5 55 MP3A X 52.25 .5 56 MP3A Z -90.5 .5 57 MP3A Mx 096 .5 | 51 | | | | .5 |
| 54 MP3C Mx 097 4.5 55 MP3A X 52.25 .5 56 MP3A Z -90.5 .5 57 MP3A Mx 096 .5 | | | | | |
| 55 MP3A X 52.25 .5 56 MP3A Z -90.5 .5 57 MP3A Mx 096 .5 | | | | | 4.5 |
| 56 MP3A Z -90.5 .5 57 MP3A Mx 096 .5 | 54 | | | 09/ | 4.5 |
| 57 MP3A Mx096 .5 | | | X | 52.25 | .5 |
| | | | | | .5 |
| LEO LA MOOA | | | | | .5 |
| 58 MP3A X 52.25 4.5 | 58 | MP3A | X | 52.25 | 4.5 |
| 59 MP3A Z -90.5 4.5 | | | | | |
| 60 MP3A Mx096 4.5 | 60 | MP3A | Mx | 096 | 4.5 |

: Mount Analysis

Aug 11, 2021 10:30 AM Checked By:___

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

| Member Label Direction Magnitude[lb,k-ft] Loc 61 MP3B X 37.855 62 MP3B Z -65.567 63 MP3B Mx .063 64 MP3B X 37.855 65 MP3B Z -65.567 66 MP3B Mx .063 67 MP3C X 52.25 | ation[ft,%] .5 .5 .5 4.5 4.5 4.5 5 |
|---|-------------------------------------|
| 62 MP3B Z -65.567 63 MP3B Mx .063 64 MP3B X 37.855 65 MP3B Z -65.567 66 MP3B Mx .063 | .5 .5 4.5 4.5 4.5 .5 |
| 63 MP3B Mx .063 64 MP3B X 37.855 65 MP3B Z -65.567 66 MP3B Mx .063 | .5 4.5 4.5 4.5 .5 |
| 64 MP3B X 37.855 65 MP3B Z -65.567 66 MP3B Mx .063 | 4.5 4.5 4.5 .5 |
| 65 MP3B Z -65.567 66 MP3B Mx .063 | 4.5 4.5 .5 |
| 66 MP3B Mx .063 | 4.5 .5 |
| | .5 |
| 67 MP3C X 52.25 | |
| | |
| 68 MP3C Z -90.5 | .5 |
| 69 MP3C Mx .009 | .5 |
| 70 MP3C X 52.25 | 4.5 |
| 71 MP3C Z -90.5 | 4.5 |
| 72 MP3C Mx .009 | 4.5 |
| 73 MP2A X 28.241 | 1.5 |
| 74 MP2A Z -48.915 | 1.5 |
| 75 MP2A Mx024 | 1.5 |
| 76 MP2A X 28.241 | 3.5 |
| 77 MP2A Z -48.915 | 3.5 |
| 78 MP2A Mx024 | 3.5 |
| 79 MP2B X 13.04 | 1.5 |
| 79 MP2B X 13.04 80 MP2B Z -22.586 | 1.5 |
| 81 MP2B Mx .022 | 1.5 |
| 82 MP2B X 13.04 | 3.5 |
| 83 MP2B Z -22.586 | 3.5 |
| 84 MP2B Mx .022 | 3.5 |
| 85 MP2C X 28.241 | 1.5 |
| 86 MP2C Z -48.915 | 1.5 |
| 87 MP2C Mx024 | 1.5 |
| 88 MP2C X 28.241 | 3.5 |
| 89 MP2C Z -48.915 | 3.5 |
| 90 MP2C Mx024 | 3.5 |
| 91 O1 X 49.178 | 1 |
| 92 O1 Z -85.178 | 1 |
| 93 O1 Mx 0 | 1 |
| 94 MP2A X 12.406 | .5 |
| | |
| | .5 .5 |
| | .5 |
| | .5 |
| 98 MP2B Z -12.301 | .5 |
| 99 MP2B Mx004 | .5 |
| 100 MP2C X 12.406 | .5 |
| 101 MP2C Z -21.487 | .5 |
| 102 MP2C Mx .003 | .5 |
| 103 MP3A X 24.308 | 2 |
| 104 MP3A Z -42.102 | 2 |
| 105 MP3A Mx .012 | 2 |
| 106 MP3B X 17.717 | 2 |
| 107 MP3B Z -30.687 | 2 |
| 108 MP3B Mx018 | 2 |
| 109 MP3C X 24.308 110 MP3C Z -42.102 | 2 |
| | 2 |
| 111 MP3C Mx .012 | 2 |
| 112 MP4A X 23.909 | 2 |
| 113 MP4A Z -41.412 | 2 |
| 114 MP4A Mx .012 | 2 |
| 115 MP4B X 16.122 | 2 |
| 116 MP4B Z -27.925 | 2 |
| 117 MP4B Mx016 | 2 |

: Mount Analysis

Aug 11, 2021 10:30 AM Checked By:___

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|-----|--------------|-----------|--------------------|----------------|
| 118 | MP4C | X | 23.909 | 2 |
| 119 | MP4C | Z | -41.412 | 2 |
| 120 | MP4C | Mx | .012 | 2 |
| 121 | O2 | X | 49.178 | 1 |
| 122 | O2 | Z | -85.178 | 1 |
| 123 | O2 | Mx | 0 | 1 |

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

| 1 MP1B X 108,398 .5 3 MP1B X 135 .5 4 MP1B X 108,398 4,5 5 MP1B X 108,398 4,5 6 MP1B X 108,398 4,5 6 MP1B X 108,398 4,5 7 MP1C X 117,337 .5 8 MP1C X 117,837 .5 9 MP1C Mx 0 .5 10 MP1C Mx 0 .5 11 MP1C X 117,837 4,5 12 MP1C X 117,837 4,5 11 MP1C X 117,837 4,5 11 MP1C X 117,837 4,5 12 MP1C Mx 0 4,5 13 MP4B X 108,398 .5 14 MP4B | | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|---|----|--------------|-----------|--------------------|----------------|
| 3 MP1B Mx 1355 .5 4 MP1B X 108,398 4,5 5 MP1B Z -62,584 4,5 6 MP1B Mx .135 4,5 7 MP1C X 117,837 .5 8 MP1C Z -68,033 .5 9 MP1C Mx 0 .5 10 MP1C X 117,837 4,5 11 MP1C X 117,837 4,5 11 MP1C X 117,837 4,5 12 MP1C Mx 0 .5 11 MP1C X 108,398 .5 12 MP1C Mx 0 4,5 13 MP4B X 108,398 .5 14 MP4B X 108,398 .5 15 MP4B Mx .135 .5 16 MP4B X< | | | X | 108.398 | .5 |
| 4 MP1B X 108.398 4.5 5 MP1B Z -62.584 4.5 6 MP1B Mx 135 4.5 7 MP1C X 117.837 .5 8 MP1C Z -68.033 .5 9 MP1C Mx 0 .5 10 MP1C X 117.837 4.5 11 MP1C X 117.837 4.5 12 MP1C Mx 0 .5 12 MP1C Mx 0 .4.5 12 MP1C Mx 0 .4.5 13 MP4B X 108.398 .5 14 MP4B X 108.398 .5 15 MP4B X 108.398 .4.5 16 MP4B X 108.398 .4.5 17 MP4B X 108.398 .4.5 18 MP4B | | MP1B | | -62.584 | .5 |
| 5 MP1B Z -62.584 4.5 6 MP1B Mx 135 4.5 7 MP1C X 117.837 .5 8 MP1C Z -68.033 .5 9 MP1C Mx 0 .5 10 MP1C X 117.837 4.5 11 MP1C Z -68.033 4.5 11 MP1C X 117.837 4.5 12 MP1C Mx 0 4.5 13 MP4B X 108.398 .5 14 MP4B Z -62.584 .5 15 MP4B X 108.398 4.5 17 MP4B X 108.398 4.5 17 MP4B X 108.398 4.5 17 MP4B X 108.398 4.5 18 MP4B X 108.398 4.5 19 MP4B | | | | | .5 |
| 6 MP1B Mx .135 4.5 7 MP1C X 117.837 .5 8 MP1C Z -68.033 .5 9 MP1C Mx 0 .5 10 MP1C X 117.837 4.5 11 MP1C Z -68.033 4.5 12 MP1C Mx 0 4.5 12 MP1C Mx 0 4.5 13 MP4B X 108.398 .5 14 MP4B X 108.398 .5 15 MP4B Mx .135 .5 16 MP4B X 108.398 4.5 17 MP4B X 108.398 4.5 17 MP4B X 108.398 4.5 17 MP4B Mx .135 4.5 18 MP4B Mx .135 4.5 19 MP4G <t< td=""><td>4</td><td>MP1B</td><td></td><td>108.398</td><td></td></t<> | 4 | MP1B | | 108.398 | |
| 7 MP1C X 117.837 5 8 MP1C Z -68.033 .5 9 MP1C Mx 0 .5 10 MP1C X 117.837 4.5 11 MP1C X 117.837 4.5 12 MP1C Mx 0 4.5 12 MP1C Mx 0 4.5 12 MP1C Mx 0 4.5 13 MP4B X 108.398 .5 14 MP4B X 108.398 .5 15 MP4B X 108.398 4.5 16 MP4B X 108.398 4.5 17 MP4B X 108.398 4.5 18 MP4B X 108.398 4.5 19 MP4B X 108.398 4.5 19 MP4B X 108.398 4.5 19 MP4C | 5 | MP1B | Z | -62.584 | 4.5 |
| 8 MP1C Z -68.033 5 9 MP1C Mx 0 .5 10 MP1C X 117.837 4.5 11 MP1C Z -68.033 4.5 12 MP1C Mx 0 4.5 13 MP4B X 108.398 .5 14 MP4B X 108.398 .5 15 MP4B Mx .135 .5 16 MP4B X 108.398 4.5 17 MP4B X 108.398 4.5 18 MP4B X 108.398 4.5 19 MP4B X 108.398 4.5 17 MP4B X 108.398 4.5 19 MP4B <td>6</td> <td>MP1B</td> <td>Mx</td> <td>.135</td> <td>4.5</td> | 6 | MP1B | Mx | .135 | 4.5 |
| 8 MP1C Z -68.033 5 9 MP1C Mx 0 .5 10 MP1C X 117.837 4.5 11 MP1C Z -68.033 4.5 12 MP1C Mx 0 4.5 13 MP4B X 108.398 .5 14 MP4B X 108.398 .5 15 MP4B Mx .135 .5 16 MP4B X 108.398 4.5 17 MP4B X 108.398 4.5 18 MP4B X 108.398 4.5 19 MP4B X 108.398 4.5 17 MP4B X 108.398 4.5 19 MP4B <td>7</td> <td></td> <td>X</td> <td></td> <td>.5</td> | 7 | | X | | .5 |
| 9 MP1C Mx 0 5 10 MP1C X 117.837 4.5 11 MP1C Z -68.033 4.5 12 MP1C Mx 0 4.5 13 MP4B X 108.398 .5 14 MP4B Z -62.584 .5 15 MP4B Mx .135 .5 16 MP4B X 108.398 4.5 17 MP4B X 108.398 4.5 18 MP4B X 108.398 4.5 18 MP4B X 108.398 4.5 19 MP4B X 108.398 4.5 19 MP4B X 108.398 4.5 19 MP4C X 117.837 .5 20 MP4C X 117.837 .5 21 MP4C MX 0 .5 22 MP4C | 8 | MP1C | Z | | .5 |
| 10 MP1C X 117.837 4.5 11 MP1C Z -68.033 4.5 12 MP1C Mx 0 4.5 13 MP4B X 108.398 .5 14 MP4B Z -62.584 .5 15 MP4B Mx .1355 .5 16 MP4B X 108.398 4.5 17 MP4B Z -62.584 4.5 17 MP4B X 108.398 4.5 17 MP4B X 108.398 4.5 19 MP4B Mx .1355 4.5 19 MP4B Mx .1355 4.5 19 MP4C X 117.837 .5 20 MP4C X 117.837 .5 20 MP4C Mx 0 .5 21 MP4C Mx 117.837 4.5 22 MP4C< | 9 | MP1C | Mx | 0 | .5 |
| 11 MP1C Z -68.033 4.5 12 MP1C Mx 0 4.5 13 MP4B X 108.398 .5 14 MP4B Z -62.584 .5 15 MP4B Mx .135 .5 16 MP4B X 108.398 4.5 17 MP4B X 108.398 4.5 17 MP4B X 108.398 4.5 18 MP4B Mx .135 .5 18 MP4B Mx .135 4.5 19 MP4B Mx .135 4.5 19 MP4C X .117.837 .5 20 MP4C X .117.837 .5 20 MP4C Mx 0 .5 21 MP4C Mx 0 .5 22 MP4C X .117.837 .5 23 MP4C | 10 | MP1C | X | 117.837 | 4.5 |
| 12 MP1C Mx 0 4.5 13 MP4B X 108.398 .5 14 MP4B Z -62.584 .5 15 MP4B Mx .135 .5 16 MP4B X 108.398 4.5 17 MP4B X 108.398 4.5 17 MP4B X 108.398 4.5 18 MP4B X 108.398 4.5 19 MP4B X 108.398 4.5 19 MP4B X 135 4.5 19 MP4C X 117.837 .5 20 MP4C X 117.837 .5 20 MP4C MX 0 .5 21 MP4C MX 0 .5 22 MP4C X 117.837 4.5 23 MP4C MX 0 4.5 24 MP4C <t< td=""><td>11</td><td>MP1C</td><td>Z</td><td>-68.033</td><td></td></t<> | 11 | MP1C | Z | -68.033 | |
| 13 MP4B X 108.998 .5 14 MP4B Z -62.584 .5 15 MP4B Mx .135 .5 16 MP4B X 108.398 4.5 17 MP4B X 108.398 4.5 17 MP4B X 108.398 4.5 17 MP4B X 108.398 4.5 18 MP4B X 108.398 4.5 19 MP4B X 118.378 4.5 19 MP4C X 117.837 .5 20 MP4C X 117.837 .5 20 MP4C Mx 0 .5 21 MP4C Mx 117.837 4.5 23 MP4C X 117.837 4.5 24 MP4C Mx 0 4.5 25 MP4C Mx 0 4.5 26 MP1A | | | Mx | | 4.5 |
| 14 MP4B Z -62.584 .5 15 MP4B Mx .1355 .5 16 MP4B X 108.398 4.5 17 MP4B Z -62.584 4.5 18 MP4B Mx .135 4.5 19 MP4C X 117.837 .5 20 MP4C X 117.837 .5 21 MP4C Mx 0 .5 21 MP4C Mx 0 .5 22 MP4C X 117.837 4.5 23 MP4C X 117.837 4.5 24 MP4C Mx 0 .5 23 MP4C Mx 0 4.5 24 MP4C Mx 0 4.5 25 MP1A X 92.72 .5 26 MP1A X 92.72 .5 27 MP1A Mx <td>13</td> <td>MP4B</td> <td>X</td> <td>108.398</td> <td></td> | 13 | MP4B | X | 108.398 | |
| 15 MP4B Mx .135 .5 16 MP4B X 108,398 4,5 17 MP4B Z -62,584 4,5 18 MP4B Mx .135 4,5 19 MP4C X 117,837 .5 20 MP4C Z -68,033 .5 21 MP4C Mx 0 .5 22 MP4C X 117,837 4,5 23 MP4C X 117,837 4,5 24 MP4C Mx 0 4,5 25 MP4A X 92,72 .5 26 MP1A X 92,72 .5 27 MP1A X 92,72 4,5 28 MP1A | | | Z | | .5 |
| 16 MP4B X 108.398 4.5 17 MP4B Z -62.584 4.5 18 MP4B Mx .135 4.5 19 MP4C X 117.837 .5 20 MP4C Z -68.033 .5 21 MP4C Mx 0 .5 22 MP4C X 117.837 4.5 23 MP4C X 117.837 4.5 24 MP4C X 92.72 .5 25 MP1A X 92.72 .5 26 MP1A X 92.72 .5 26 MP1A X 92.72 4.5 28 MP1A X 92.72 4.5 29 MP1A | | | Mx | | |
| 17 MP4B Z -62.584 4.5 18 MP4B Mx .135 4.5 19 MP4C X 117.837 .5 20 MP4C Z -68.033 .5 21 MP4C Mx 0 .5 22 MP4C X 117.837 4.5 23 MP4C X 117.837 4.5 23 MP4C X 117.837 4.5 24 MP4C X 117.837 4.5 23 MP4C X 117.837 4.5 24 MP4C Mx 0 4.5 24 MP4C Mx 0 4.5 24 MP4C Mx 0 4.5 25 MP1A X 92.72 .5 26 MP1A X 92.72 4.5 27 MP1A X 92.72 4.5 28 MP1A < | | | X | | 4.5 |
| 18 MP4B Mx .135 4.5 19 MP4C X 117.837 .5 20 MP4C Z -68.033 .5 21 MP4C Mx 0 .5 22 MP4C X 117.837 4.5 23 MP4C X 117.837 4.5 23 MP4C X 117.837 4.5 24 MP4C Mx 0 4.5 24 MP4C Mx 0 4.5 24 MP4C Mx 0 4.5 25 MP1A X 92.72 .5 26 MP1A X 92.72 .5 27 MP1A Mx 116 .5 28 MP1A X 92.72 4.5 29 MP1A X 92.72 4.5 31 MP4A X 92.72 .5 32 MP4A X <td></td> <td></td> <td>Z</td> <td></td> <td></td> | | | Z | | |
| 19 MP4C X 117.837 .5 20 MP4C Z -68.033 .5 21 MP4C Mx 0 .5 22 MP4C X 117.837 4.5 23 MP4C X 117.837 4.5 24 MP4C X 116 4.5 25 MP1A X 116 1.5 26 MP1A X 116 1.5 27 MP1A X 116 1.5 28 MP1A X 116 4.5 31 MP4A | | | Mx | .135 | |
| 20 MP4C Z -68.033 .5 21 MP4C Mx 0 .5 22 MP4C X 117.837 4.5 23 MP4C Z -68.033 4.5 24 MP4C Mx 0 4.5 25 MP1A X 92.72 .5 26 MP1A X 92.72 .5 27 MP1A Mx 116 .5 28 MP1A X 92.72 4.5 29 MP1A X 92.72 4.5 30 MP1A X 92.72 5 31 MP4A X 92.72 .5 32 MP4A X 92.72 4.5 33 MP4A X | | | | | |
| 21 MP4C Mx 0 .5 22 MP4C X 117.837 4.5 23 MP4C Z -68.033 4.5 24 MP4C Mx 0 4.5 25 MP1A X 92.72 .5 26 MP1A X 92.72 .5 27 MP1A Mx 116 .5 28 MP1A X 92.72 4.5 29 MP1A X 92.72 4.5 30 MP1A Mx 116 4.5 31 MP4A X 92.72 .5 32 MP4A X 92.72 .5 33 MP4A X 92.72 4.5 34 MP4A X | | | | | .5 |
| 22 MP4C X 117.837 4.5 23 MP4C Z -68.033 4.5 24 MP4C Mx 0 4.5 25 MP1A X 92.72 .5 26 MP1A Z -53.532 .5 27 MP1A Mx 116 .5 28 MP1A X 92.72 4.5 29 MP1A X 92.72 4.5 30 MP1A Mx 116 4.5 31 MP4A X 92.72 .5 32 MP4A X 92.72 .5 33 MP4A Mx 116 .5 34 MP4A Mx 116 .5 35 MP4A X 92.72 4.5 35 MP4A X 92.72 4.5 36 MP4A X 92.72 4.5 35 MP4A < | | | | | .5 |
| 23 MP4C Z -68.033 4.5 24 MP4C Mx 0 4.5 25 MP1A X 92.72 .5 26 MP1A Z -53.532 .5 27 MP1A Mx 116 .5 28 MP1A X 92.72 4.5 29 MP1A X 92.72 4.5 30 MP1A Mx 116 4.5 31 MP4A X 92.72 .5 32 MP4A X 92.72 .5 33 MP4A X 92.72 .5 34 MP4A X 92.72 4.5 35 MP4A X 92.72 4.5 35 MP4A X 92.72 4.5 35 MP4A X 92.72 4.5 36 MP4A X 92.72 4.5 35 MP4A | | | | 117.837 | 4.5 |
| 24 MP4C Mx 0 4.5 25 MP1A X 92.72 .5 26 MP1A Z -53.532 .5 27 MP1A Mx 116 .5 28 MP1A X 92.72 4.5 29 MP1A Z -53.532 4.5 30 MP1A Mx 116 4.5 31 MP4A X 92.72 .5 32 MP4A X 92.72 .5 33 MP4A X 92.72 4.5 34 MP4A X 92.72 4.5 35 MP4A X 92.72 4.5 35 MP4A X 92.72 4.5 36 MP4A X 92.72 4.5 36 MP4A X 92.72 4.5 36 MP4A X 73.97 .5 38 MP3A | | | Z | | |
| 25 MP1A X 92.72 .5 26 MP1A Z -53.532 .5 27 MP1A Mx 116 .5 28 MP1A X 92.72 4.5 29 MP1A Z -53.532 4.5 30 MP1A Mx 116 4.5 31 MP4A X 92.72 .5 32 MP4A Z -53.532 .5 33 MP4A Mx 116 .5 34 MP4A X 92.72 4.5 35 MP4A X 92.72 4.5 36 MP4A X 92.72 4.5 36 MP4A X 73.97 .5 38 MP3A X 73.97 .5 39 MP3A X 73.97 4.5 40 MP3A X 73.97 4.5 | | | | | |
| 26 MP1A Z -53.532 .5 27 MP1A Mx 116 .5 28 MP1A X 92.72 4.5 29 MP1A Z -53.532 4.5 30 MP1A Mx 116 4.5 31 MP4A X 92.72 .5 32 MP4A Z -53.532 .5 33 MP4A Mx 116 .5 34 MP4A X 92.72 4.5 35 MP4A X 92.72 4.5 36 MP4A X 92.72 4.5 36 MP4A X 92.72 4.5 36 MP4A X 73.97 .5 38 MP3A X 73.97 .5 39 MP3A X 73.97 4.5 40 MP3A X 73.97 4.5 | | | | | |
| 27 MP1A Mx 116 .5 28 MP1A X 92.72 4.5 29 MP1A Z -53.532 4.5 30 MP1A Mx 116 4.5 31 MP4A X 92.72 .5 32 MP4A Z -53.532 .5 33 MP4A Mx 116 .5 34 MP4A X 92.72 4.5 35 MP4A X 92.72 4.5 36 MP4A X 92.72 4.5 36 MP4A X -53.532 4.5 37 MP3A X 73.97 .5 38 MP3A X 73.97 .5 39 MP3A X 73.97 4.5 40 MP3A X 73.97 4.5 | 26 | | Z | | .5 |
| 28 MP1A X 92.72 4.5 29 MP1A Z -53.532 4.5 30 MP1A Mx 116 4.5 31 MP4A X 92.72 .5 32 MP4A X 92.72 .5 33 MP4A Mx 116 .5 34 MP4A X 92.72 4.5 35 MP4A X 92.72 4.5 36 MP4A Z -53.532 4.5 36 MP4A Mx 116 4.5 37 MP3A X 73.97 .5 38 MP3A X 73.97 .5 39 MP3A Mx 037 .5 40 MP3A X 73.97 4.5 | | | | | .5 |
| 29 MP1A Z -53.532 4.5 30 MP1A Mx 116 4.5 31 MP4A X 92.72 .5 32 MP4A Z -53.532 .5 33 MP4A Mx 116 .5 34 MP4A X 92.72 4.5 35 MP4A X 92.72 4.5 36 MP4A Z -53.532 4.5 36 MP4A Mx 116 4.5 37 MP3A X 73.97 .5 38 MP3A Z -42.707 .5 39 MP3A Mx 037 .5 40 MP3A X 73.97 4.5 | | | X | 92.72 | 4.5 |
| 30 MP1A Mx 116 4.5 31 MP4A X 92.72 .5 32 MP4A Z -53.532 .5 33 MP4A Mx 116 .5 34 MP4A X 92.72 4.5 35 MP4A Z -53.532 4.5 36 MP4A Mx 116 4.5 37 MP3A X 73.97 .5 38 MP3A Z -42.707 .5 39 MP3A Mx 037 .5 40 MP3A X 73.97 4.5 | | | Z | | |
| 31 MP4A X 92.72 .5 32 MP4A Z -53.532 .5 33 MP4A Mx 116 .5 34 MP4A X 92.72 4.5 35 MP4A Z -53.532 4.5 36 MP4A Mx 116 4.5 37 MP3A X 73.97 .5 38 MP3A Z -42.707 .5 39 MP3A Mx 037 .5 40 MP3A X 73.97 4.5 | | | | | |
| 32 MP4A Z -53.532 .5 33 MP4A Mx 116 .5 34 MP4A X 92.72 4.5 35 MP4A Z -53.532 4.5 36 MP4A Mx 116 4.5 37 MP3A X 73.97 .5 38 MP3A Z -42.707 .5 39 MP3A Mx 037 .5 40 MP3A X 73.97 4.5 | | | | | .5 |
| 33 MP4A Mx 116 .5 34 MP4A X 92.72 4.5 35 MP4A Z -53.532 4.5 36 MP4A Mx 116 4.5 37 MP3A X 73.97 .5 38 MP3A Z -42.707 .5 39 MP3A Mx 037 .5 40 MP3A X 73.97 4.5 | | | Z | | .5 |
| 34 MP4A X 92.72 4.5 35 MP4A Z -53.532 4.5 36 MP4A Mx 116 4.5 37 MP3A X 73.97 .5 38 MP3A Z -42.707 .5 39 MP3A Mx 037 .5 40 MP3A X 73.97 4.5 | | | Mx | | .5 |
| 35 MP4A Z -53.532 4.5 36 MP4A Mx 116 4.5 37 MP3A X 73.97 .5 38 MP3A Z -42.707 .5 39 MP3A Mx 037 .5 40 MP3A X 73.97 4.5 | | | | 92.72 | |
| 36 MP4A Mx 116 4.5 37 MP3A X 73.97 .5 38 MP3A Z -42.707 .5 39 MP3A Mx 037 .5 40 MP3A X 73.97 4.5 | | | Z | | |
| 37 MP3A X 73.97 .5 38 MP3A Z -42.707 .5 39 MP3A Mx 037 .5 40 MP3A X 73.97 4.5 | | | | | 4.5 |
| 38 MP3A Z -42.707 .5 39 MP3A Mx 037 .5 40 MP3A X 73.97 4.5 | 37 | | X | | |
| 39 MP3A Mx 037 .5 40 MP3A X 73.97 4.5 | | | Z | -42.707 | .5 |
| 40 MP3A X 73.97 4.5 | | | | | |
| | | | | | |
| 41 MP3A Z -42.707 4.5 | 41 | MP3A | Z | -42.707 | 4.5 |
| 42 MP3A Mx037 4.5 | | | | | 4.5 |
| 43 MP3B X 73.97 .5 | | | X | | |
| 44 MP3B Z -42.707 .5 | | | Z | | .5 |
| 45 MP3B Mx .087 .5 | | | Mx | | .5 |
| 46 MP3B X 73.97 4.5 | | | | | 4.5 |
| 47 MP3B Z -42.707 4.5 | | | | | 4.5 |

: Mount Analysis

Aug 11, 2021 10:30 AM Checked By:_

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

| | Mambar Label | Direction | | Location F# 0/1 |
|-----|-------------------|-----------|-------------------------|--------------------|
| 48 | Member Label MP3B | Mx | Magnitude[lb,k-ft] .087 | Location[ft,%] 4.5 |
| 49 | MP3C | X | 99.179 | .5 |
| 50 | MP3C | Z | -57.261 | .5 |
| 51 | MP3C MP3C | Mx | 067 | .5 .5 |
| 52 | MP3C | X | 99.179 | 4.5 |
| 53 | MP3C | Z | -57.261 | 4.5 |
| 54 | MP3C | Mx | 067 | 4.5 |
| 55 | MP3A | X | 73.878 | .5 |
| 56 | MP3A | Z | -42.654 | .5 |
| 57 | MP3A | Mx | 086 | .5 |
| 58 | MP3A | X | 73.878 | 4.5 |
| 59 | MP3A | Z | -42.654 | 4.5 |
| 60 | MP3A | Mx | 086 | 4.5 |
| 61 | MP3B | X | 73.878 | .5 |
| 62 | MP3B | Z | -42.654 | .5 |
| 63 | MP3B | Mx | .037 | .5 |
| 64 | MP3B | X | 73.878 | 4.5 |
| 65 | MP3B | Z | -42.654 | 4.5 |
| 66 | MP3B | Mx | .037 | 4.5 |
| 67 | MP3C | X | 98.811 | .5 |
| 68 | MP3C | Z | -57.049 | .5 |
| 69 | MP3C | Mx | .067 | .5 |
| 70 | MP3C | X | 98.811 | 4.5 |
| 71 | MP3C | Z | -57.049 | 4.5 |
| 72 | MP3C | Mx | .067 | 4.5 |
| 73 | MP2A | X | 31.362 | 1.5 |
| 74 | MP2A | Z | -18.107 | 1.5 |
| 75 | MP2A | Mx | 026 | 1.5 |
| 76 | MP2A | X | 31.362 | 3.5 |
| 77 | MP2A | Z | -18.107 | 3.5 |
| 78 | MP2A | Mx | 026 | 3.5 |
| 79 | MP2B | X | 31.362 | 1.5 |
| 80 | MP2B | Z | -18.107 | 1.5 |
| 81 | MP2B | Mx | .026 | 1.5 |
| 82 | MP2B | X | 31.362 | 3.5 |
| 83 | MP2B | Z | -18.107 | 3.5 |
| 84 | MP2B | Mx | .026 | 3.5 |
| 85 | MP2C | X | 57.691 | 1.5 |
| 86 | MP2C | Z | -33.308 | 1.5 |
| 87 | MP2C | Mx | 0 | 1.5 |
| 88 | MP2C | X | 57.691 | 3.5 |
| 89 | MP2C | Z | -33.308 | 3.5 |
| 90 | MP2C | Mx | 0 | 3.5 |
| 91 | 01 | X | 69.45 | 1 |
| 92 | 01 | Z | -40.097 | 1 |
| 93 | 01 | Mx | 0 | 1 |
| 94 | MP2A | X | 15.363 | .5 |
| 95 | MP2A | Z | -8.87 | .5 .5 |
| 96 | MP2A | Mx | .004 | .5 |
| 97 | MP2B | X | 15.363 | .5 |
| 98 | MP2B | Z | -8.87 | .5 |
| 99 | MP2B | Mx | 004 | .5 .5 |
| 100 | MP2C | X | 24.549 | .5 |
| 101 | MP2C | Z | -14.174 | .5 |
| 102 | MP2C | Mx | 0 | .5 |
| 103 | MP3A | X | 34.492 | 2 |
| 104 | MP3A | Z | -19.914 | 2 |

Mount Analysis

Aug 11, 2021 10:30 AM Checked By:_

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|-----|--------------|-----------|--------------------|----------------|
| 105 | MP3A | Mx | .017 | 2 |
| 106 | MP3B | Χ | 34.492 | 2 |
| 107 | MP3B | Z | -19.914 | 2 |
| 108 | MP3B | Mx | 017 | 2 |
| 109 | MP3C | Χ | 45.907 | 2 |
| 110 | MP3C | Z | -26.505 | 2 |
| 111 | MP3C | Mx | 0 | 2 |
| 112 | MP4A | Χ | 32.42 | 2 |
| 113 | MP4A | Z | -18.718 | 2 |
| 114 | MP4A | Mx | .016 | 2 |
| 115 | MP4B | Χ | 32.42 | 2 |
| 116 | MP4B | Z | -18.718 | 2 |
| 117 | MP4B | Mx | 016 | 2 |
| 118 | MP4C | Χ | 45.907 | 2 |
| 119 | MP4C | Z | -26.505 | 2 |
| 120 | MP4C | Mx | 0 | 2 |
| 121 | O2 | Χ | 69.45 | 1 |
| 122 | 02 | Z | -40.097 | 1 |
| 123 | O2 | Mx | 0 | 1 |

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|----|--------------|-----------|--------------------|----------------|
| 1 | MP1B | X | 132.433 | .5 |
| 2 | MP1B | Z | 0 | .5 |
| 3 | MP1B | Mx | .083 | .5 |
| 4 | MP1B | Χ | 132.433 | 4.5 |
| 5 | MP1B | Z | 0 | 4.5 |
| 6 | MP1B | Mx | .083 | 4.5 |
| 7 | MP1C | Χ | 132.433 | .5 |
| 8 | MP1C | Z | 0 | .5 |
| 9 | MP1C | Mx | .083 | .5 |
| 10 | MP1C | Χ | 132.433 | 4.5 |
| 11 | MP1C | Z | 0 | 4.5 |
| 12 | MP1C | Mx | .083 | 4.5 |
| 13 | MP4B | Χ | 132.433 | .5 |
| 14 | MP4B | Z | 0 | .5 |
| 15 | MP4B | Mx | .083 | .5 |
| 16 | MP4B | Χ | 132.433 | 4.5 |
| 17 | MP4B | Z | 0 | 4.5 |
| 18 | MP4B | Mx | .083 | 4.5 |
| 19 | MP4C | Χ | 132.433 | .5 |
| 20 | MP4C | Z | 0 | .5 |
| 21 | MP4C | Mx | .083 | .5 |
| 22 | MP4C | Χ | 132.433 | 4.5 |
| 23 | MP4C | Z | 0 | 4.5 |
| 24 | MP4C | Mx | .083 | 4.5 |
| 25 | MP1A | Χ | 122.295 | .5 |
| 26 | MP1A | Z | 0 | .5 |
| 27 | MP1A | Mx | 153 | .5 |
| 28 | MP1A | Χ | 122.295 | 4.5 |
| 29 | MP1A | Ζ | 0 | 4.5 |
| 30 | MP1A | Mx | 153 | 4.5 |
| 31 | MP4A | Χ | 122.295 | .5 |
| 32 | MP4A | Z | 0 | .5 |
| 33 | MP4A | Mx | 153 | .5 |
| 34 | MP4A | Χ | 122.295 | 4.5 |

Mount Analysis

Aug 11, 2021 10:30 AM Checked By:___

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

| Wichik | er Point Loads (BLC 6 . An | - | | |
|--------|----------------------------|-----------|--------------------|------------------|
| 25 | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
| 35 | MP4A | Z | 0 | 4.5 |
| 36 | MP4A | Mx | 153 | 4.5 |
| 37 | MP3A | X Z | 75.711 0 | . <u>5</u> .5 |
| 38 | MP3A | | 063 | |
| 39 | MP3A | Mx | | .5 |
| 40 | MP3A | X Z | 75.711 | 4.5 |
| 41 | MP3A | | 0 | 4.5 |
| 42 | MP3A | Mx | 063 | 4.5 |
| 43 | MP3B | X Z | 104.82 | .5 |
| 44 | MP3B | | 0 | .5 |
| 45 | MP3B | Mx | .097 | .5 |
| 46 | MP3B | X Z | 104.82 | 4.5 |
| 47 | MP3B | | 0 .097 | 4.5 |
| 48 | MP3B | Mx | | 4.5 |
| 49 | MP3C | X | 104.82 | .5 |
| 50 | MP3C | Z | 0 | .5 |
| 51 | MP3C | Mx | 009 | .5 |
| 52 | MP3C | X | 104.82 | 4.5 |
| 53 | MP3C | Z | 0 | 4.5 |
| 54 | MP3C | Mx | 009 | 4.5 |
| 55 | MP3A | X Z | 75.711 | .5 |
| 56 | MP3A | | 0 | .5 |
| 57 | MP3A | Mx | 063 | .5 |
| 58 | MP3A | X | 75.711 | 4.5 |
| 59 | MP3A | Z | 0 | 4.5 |
| 60 | MP3A | Mx | 063 | 4.5 |
| 61 | MP3B | X | 104.501 | .5 |
| 62 | MP3B | Z | 0 | .5 |
| 63 | MP3B | Mx | 009 | .5 |
| 64 | MP3B | X | 104.501 | 4.5 |
| 65 | MP3B | Z | 0 | 4.5 |
| 66 | MP3B | Mx | 009 | 4.5 |
| 67 | MP3C | X | 104.501 | .5 |
| 68 | MP3C | Z | 0 | .5 |
| 69 | MP3C | Mx | .096 | .5 |
| 70 | MP3C | X | 104.501 | 4.5 |
| 71 | MP3C | Z | 0 | 4.5 |
| 72 | MP3C | Mx | .096 | 4.5 |
| 73 | MP2A | X | 26.08 | 1.5 |
| 74 | MP2A | Z | 0 | 1.5 |
| 75 | MP2A | Mx | 022 | 1.5 |
| 76 | MP2A | X | 26.08 | 3.5 |
| 77 | MP2A | Z | 0 | 3.5 |
| 78 | MP2A | Mx | 022 | 3.5 |
| 79 | MP2B | X | 56.482 | 1.5 |
| 80 | MP2B | Z | 0 | 1.5 |
| 81 | MP2B | Mx | .024 | 1.5 |
| 82 | MP2B | X | 56.482 | 3.5 |
| 83 | MP2B | Z | 0 | 3.5 |
| 84 | MP2B | Mx | .024 | 3.5 |
| 85 | MP2C | X | 56.482 | 1.5 |
| 86 | MP2C | Z | 0 | 1.5 |
| 87 | MP2C | Mx | .024 | 1.5 |
| 88 | MP2C | X | 56.482 | 3.5 |
| 89 | MP2C | Z | 0 | 3.5 |
| 90 | MP2C | Mx | .024 | 3.5 |
| 91 | <u>O1</u> | X | 71.114 | 1 |

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nt Analysis

Aug 11, 2021 10:30 AM Checked By:___

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|-----|--------------|-----------|--------------------|----------------|
| 92 | 01 | Z | 0 | 1 |
| 93 | 01 | Mx | 0 | 1 |
| 94 | MP2A | Χ | 14.204 | .5 |
| 95 | MP2A | Z | 0 | .5 |
| 96 | MP2A | Mx | .004 | .5 |
| 97 | MP2B | X | 24.811 | .5 |
| 98 | MP2B | Z | 0 | .5 |
| 99 | MP2B | Mx | 003 | .5 |
| 100 | MP2C | Χ | 24.811 | .5 |
| 101 | MP2C | Z | 0 | .5 |
| 102 | MP2C | Mx | 003 | .5 |
| 103 | MP3A | X | 35.434 | 2 |
| 104 | MP3A | Z | 0 | 2 |
| 105 | MP3A | Mx | .018 | 2 |
| 106 | MP3B | Χ | 48.615 | 2 |
| 107 | MP3B | Z | 0 | 2 |
| 108 | MP3B | Mx | 012 | 2 |
| 109 | MP3C | X | 48.615 | 2 |
| 110 | MP3C | Z | 0 | 2 |
| 111 | MP3C | Mx | 012 | 2 |
| 112 | MP4A | Χ | 32.245 | 2 |
| 113 | MP4A | Z | 0 | 2 |
| 114 | MP4A | Mx | .016 | 2 |
| 115 | MP4B | X | 47.818 | 2 |
| 116 | MP4B | Z | 0 | 2 |
| 117 | MP4B | Mx | 012 | 2 |
| 118 | MP4C | X | 47.818 | 2 |
| 119 | MP4C | Z | 0 | 2 |
| 120 | MP4C | Mx | 012 | 2 |
| 121 | O2 | X | 71.114 | 1 |
| 122 | O2 | Z | 0 | 1 |
| 123 | O2 | Mx | 0 | 1 |

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|----|--------------|-----------|--------------------|----------------|
| 1 | MP1B | Χ | 117.837 | .5 |
| 2 | MP1B | Z | 68.033 | .5 |
| 3 | MP1B | Mx | 0 | .5 |
| 4 | MP1B | Χ | 117.837 | 4.5 |
| 5 | MP1B | Z | 68.033 | 4.5 |
| 6 | MP1B | Mx | 0 | 4.5 |
| 7 | MP1C | Χ | 108.398 | .5 |
| 8 | MP1C | Z | 62.584 | .5 |
| 9 | MP1C | Mx | .135 | .5 |
| 10 | MP1C | Χ | 108.398 | 4.5 |
| 11 | MP1C | Z | 62.584 | 4.5 |
| 12 | MP1C | Mx | .135 | 4.5 |
| 13 | MP4B | Χ | 117.837 | .5 |
| 14 | MP4B | Z | 68.033 | .5 |
| 15 | MP4B | Mx | 0 | .5 |
| 16 | MP4B | Χ | 117.837 | 4.5 |
| 17 | MP4B | Z | 68.033 | 4.5 |
| 18 | MP4B | Mx | 0 | 4.5 |
| 19 | MP4C | Χ | 108.398 | .5 |
| 20 | MP4C | Z | 62.584 | .5 |
| 21 | MP4C | Mx | .135 | .5 |

Mount Analysis

Aug 11, 2021 10:30 AM Checked By:__

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

| 1110111100 | er Point Loads (BLC 7 : A | - | | |
|------------|---------------------------|-----------|--------------------|----------------|
| 22 | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
| 22 | MP4C | X Z | 108.398 | 4.5 |
| 23 | MP4C | | 62.584 | 4.5 |
| 24 | MP4C | Mx V | .135 | 4.5 |
| 25 | MP1A | X | 92.72 | .5 |
| 26 | MP1A | | 53.532 | .5 |
| 27 | MP1A | Mx | 116 | .5 |
| 28 | MP1A | X | 92.72 | 4.5 |
| 29 | MP1A | Z | 53.532 | 4.5 |
| 30 | MP1A | Mx | 116 | 4.5 |
| 31 | MP4A | X | 92.72 | .5 |
| 32 | MP4A | Z | 53.532 | .5 |
| 33 | MP4A | Mx X | 116 | .5 |
| 34 | MP4A | X | 92.72 | 4.5 |
| 35 | MP4A | Z | 53.532 | 4.5 |
| 36 | MP4A | Mx | 116 | 4.5 |
| 37 | MP3A | X | 73.97 | .5 |
| 38 | MP3A | Z | 42.707 | .5 |
| 39 | MP3A | Mx X | 087 | .5 |
| 40 | MP3A | X | 73.97 | 4.5 |
| 41 | MP3A | Z | 42.707 | 4.5 |
| 42 | MP3A | Mx | 087 | 4.5 |
| 43 | MP3B | X Z | 99.179 | .5 |
| 44 | MP3B | | 57.261 | .5 |
| 45 | MP3B | Mx | .067 | .5 |
| 46 | MP3B | X | 99.179 | 4.5 |
| 47 | MP3B | Z | 57.261 | 4.5 |
| 48 | MP3B | Mx | .067 | 4.5 |
| 49 | MP3C | X | 73.97 | .5 |
| 50 | MP3C | Z | 42.707 | .5 |
| 51 | MP3C | Mx | .037 | .5 |
| 52 | MP3C | X | 73.97 | 4.5 |
| 53 | MP3C | Z | 42.707 | 4.5 |
| 54 | MP3C | Mx | .037 | 4.5 |
| 55 | MP3A | X | 73.878 | .5 |
| 56 | MP3A | Z | 42.654 | .5 |
| 57 | MP3A | Mx | 037 | .5 |
| 58 | MP3A | X | 73.878 | 4.5 |
| 59 | MP3A | Z | 42.654 | 4.5 |
| 60 | MP3A | Mx | 037 | 4.5 |
| 61 | MP3B | X | 98.811 | .5 |
| 62 | MP3B | Z | 57.049 | .5 |
| 63 | MP3B | Mx | 067 | .5 |
| 64 | MP3B | X | 98.811 | 4.5 |
| 65 | MP3B | Z | 57.049 | 4.5 |
| 66 | MP3B | Mx | 067 | 4.5 |
| 67 | MP3C | X | 73.878 | .5 |
| 68 | MP3C | Z | 42.654 | .5 |
| 69 | MP3C | Mx | .086 | .5 |
| 70 | MP3C | X | 73.878 | 4.5 |
| 71 | MP3C | Z | 42.654 | 4.5 |
| 72 | MP3C | Mx | .086 | 4.5 |
| 73 | MP2A | X | 31.362 | 1.5 |
| 74 | MP2A | Z | 18.107 | 1.5 |
| 75 | MP2A | Mx | 026 | 1.5 |
| 76 | MP2A | X | 31.362 | 3.5 |
| 77 | MP2A | Z | 18.107 | 3.5 |
| 78 | MP2A | Mx | 026 | 3.5 |

: Mount Analysis

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|-----|--------------|-----------|--------------------|----------------|
| 79 | MP2B | X | 57.691 | 1.5 |
| 80 | MP2B | Z | 33.308 | 1.5 |
| 81 | MP2B | Mx | 0 | 1.5 |
| 82 | MP2B | X | 57.691 | 3.5 |
| 83 | MP2B | Z | 33.308 | 3.5 |
| 84 | MP2B | Mx | 0 | 3.5 |
| 85 | MP2C | X | 31.362 | 1.5 |
| 86 | MP2C | Z | 18.107 | 1.5 |
| 87 | MP2C | Mx | .026 | 1.5 |
| 88 | MP2C | X | 31.362 | 3.5 |
| 89 | MP2C | Z | 18.107 | 3.5 |
| 90 | MP2C | Mx | .026 | 3.5 |
| 91 | 01 | X | 69.45 | 1 |
| 92 | 01 | Z | 40.097 | 1 |
| 93 | O1 | Mx | 0 | 1 |
| 94 | MP2A | X | 15.363 | .5 |
| 95 | MP2A | Z | 8.87 | .5 |
| 96 | MP2A | Mx | .004 | .5 |
| 97 | MP2B | X | 24.549 | .5 |
| 98 | MP2B | Z | 14.174 | .5 |
| 99 | MP2B | Mx | 0 | .5 |
| 100 | MP2C | X | 15.363 | .5 |
| 101 | MP2C | Z | 8.87 | .5 |
| 102 | MP2C | Mx | 004 | .5 |
| 103 | MP3A | X | 34.492 | 2 |
| 104 | MP3A | Z | 19.914 | 2 |
| 105 | MP3A | Mx | .017 | 2 |
| 106 | MP3B | X | 45.907 | 2 |
| 107 | MP3B | Z | 26.505 | 2 |
| 108 | MP3B | Mx | 0 | 2 |
| 109 | MP3C | X | 34.492 | 2 |
| 110 | MP3C | Z | 19.914 | 2 |
| 111 | MP3C | Mx | 017 | 2 |
| 112 | MP4A | X | 32.42 | 2 |
| 113 | MP4A | Z | 18.718 | 2 |
| 114 | MP4A | Mx | .016 | 2 |
| 115 | MP4B | X | 45.907 | 2 |
| 116 | MP4B | Z | 26.505 | 2 |
| 117 | MP4B | Mx | 0 | 2 |
| 118 | MP4C | X | 32.42 | 2 |
| 119 | MP4C | Z | 18.718 | 2 |
| 120 | MP4C | Mx | 016 | 2 |
| 121 | 02 | X | 69.45 | 1 |
| 122 | 02 | Z | 40.097 | 1 |
| 123 | O2 | Mx | 0 | 1 |

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|---|--------------|-----------|--------------------|----------------|
| 1 | MP1B | X | 66.217 | .5 |
| 2 | MP1B | Z | 114.691 | .5 |
| 3 | MP1B | Mx | 083 | .5 |
| 4 | MP1B | X | 66.217 | 4.5 |
| 5 | MP1B | Z | 114.691 | 4.5 |
| 6 | MP1B | Mx | 083 | 4.5 |
| 7 | MP1C | X | 60.767 | .5 |
| 8 | MP1C | Z | 105.252 | .5 |

Mount Analysis

Aug 11, 2021 10:30 AM Checked By:_

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

| men | iber Point Loads (BLC 8 : A | | | |
|----------|-----------------------------|-----------|--------------------|----------------|
| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
| 9 | MP1C | Mx | .152 | .5 |
| 10 | MP1C | X Z | 60.767 | 4.5 |
| 11 | MP1C MP1C | | 105.252 | 4.5 4.5 |
| | MP1C MP4B | Mx | .152 | |
| 13 | | X | 66.217 | .5 |
| 14 | MP4B | | 114.691 | .5 |
| 15 | MP4B MP4B | Mx | 083 | .5 4.5 |
| 16 17 | | X Z | 66.217 | 4.5 |
| 18 | MP4B MP4B | Mx | 114.691 083 | 4.5 |
| 19 | MP4C | X | 60.767 | .5 |
| 20 | MP4C | Z | 105.252 | .5 |
| 21 | MP4C | Mx | .152 | .5 |
| 22 | MP4C | X | 60.767 | 4.5 |
| 23 | MP4C | Z | 105.252 | 4.5 |
| 24 | MP4C | Mx | .152 | 4.5 |
| 25 | MP1A | X | 38.301 | .5 |
| 26 | MP1A | Z | 66.34 | .5 |
| 27 | MP1A | Mx | 048 | .5 |
| 28 | MP1A | X | 38.301 | 4.5 |
| 29 | MP1A | Z | 66.34 | 4.5 |
| 30 | MP1A | Mx | 048 | 4.5 |
| 31 | MP4A | X | 38.301 | .5 |
| 32 | MP4A | Z | 66.34 | .5 |
| 33 | MP4A | Mx | 048 | .5 |
| 34 | MP4A | X | 38.301 | 4.5 |
| 35 | MP4A | Z | 66.34 | 4.5 |
| 36 | MP4A | Mx | 048 | 4.5 |
| 37 | MP3A | X | 52.41 | .5 |
| 38 | MP3A | Z | 90.776 | .5 |
| 39 | MP3A | Mx | 097 | .5 |
| 40 | MP3A | X | 52.41 | 4.5 |
| 41 | MP3A | Z | 90.776 | 4.5 |
| 42 | MP3A | Mx | 097 | 4.5 |
| 43 | MP3B | X | 52.41 | .5 |
| 44 | MP3B | Z | 90.776 | .5 |
| 45 | MP3B | Mx | .009 | .5 |
| 46 | MP3B | X | 52.41 | 4.5 |
| 47 | MP3B | Z | 90.776 | 4.5 |
| 48 | MP3B | Mx | .009 | 4.5 |
| 49 | MP3C | X | 37.855 | .5 |
| 50 | MP3C | Z | 65.567 | .5 |
| 51 | MP3C | Mx | .063 | .5 |
| 52 | MP3C | X | 37.855 | 4.5 |
| 53 | MP3C | Z | 65.567 | 4.5 |
| 54 | MP3C | Mx | .063 | 4.5 |
| 55 | MP3A | X | 52.25 | .5 |
| 56 | MP3A | | 90.5 | .5 |
| 57 | MP3A | Mx | .009 | .5 |
| 58 | MP3A | X | 52.25 | 4.5 |
| 59 | MP3A | Z | 90.5 | 4.5 |
| 60 | MP3A | Mx V | .009 | 4.5 |
| 61 62 | MP3B | X | 52.25 | .5 .5 |
| | MP3B MP3B | | 90.5 | .5 .5 |
| 63 | MP3B | Mx V | 096 52.25 | .5 4.5 |
| 64 65 | MP3B | X Z | | 4.5 |
| _ 00 | IVIMOD | | 90.5 | 4.0 |

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Aug 11, 2021 10:30 AM Checked By:_

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

| 11101111 | oer Point Loads (BLC 8 : An | | | |
|----------|-----------------------------|-----------|--------------------|----------------|
| ce | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
| 66 | MP3B | Mx | 096 | 4.5 |
| 67 | MP3C | X Z | 37.855 | .5 |
| 68 | MP3C | = | 65.567 | .5 |
| 69 | MP3C | Mx | .063 | .5 |
| 70 | MP3C | X | 37.855 | 4.5 |
| 71 | MP3C | Z | 65.567 | 4.5 |
| 72 | MP3C | Mx | .063 | 4.5 |
| 73 | MP2A | X Z | 28.241 | 1.5 |
| 74 | MP2A | | 48.915 | 1.5 |
| 75 | MP2A | Mx | 024 | 1.5 |
| 76 | MP2A | X Z | 28.241 | 3.5 3.5 |
| | MP2A | | 48.915 | 3.5 |
| 78 | MP2A | Mx X | 024 28.241 | 3.5 1.5 |
| 79 | MP2B | Z | | 1.5 |
| 80 | MP2B | | 48.915 | |
| 81 82 | MP2B | Mx X | 024 | 1.5 3.5 |
| | MP2B | Z | 28.241 | 3.5 |
| 83 84 | MP2B MP2B | Mx | 48.915 024 | 3.5 |
| 85 | MP2C | X | 13.04 | 1.5 |
| 86 | MP2C MP2C | Z | 22.586 | 1.5 |
| 87 | | Mx | .022 | 1.5 |
| 88 | MP2C | X | 13.04 | 3.5 |
| 89 | MP2C MP2C | Z | 22.586 | 3.5 |
| 90 | MP2C | Mx | .022 | 3.5 |
| 91 | 01 | | 49.178 | <u> </u> |
| 92 | 01 | X Z | 85.178 | 1 |
| 93 | 01 01 | Mx | 0 | 1 |
| 94 | MP2A | X | 12.406 | .5 |
| 95 | MP2A | Z | 21.487 | .5 |
| 96 | MP2A | Mx | .003 | .5 |
| 97 | MP2B | X | 12.406 | .5 |
| 98 | MP2B | Z | 21.487 | .5 |
| 99 | MP2B | Mx | .003 | .5 |
| 100 | MP2C | X | 7.102 | .5 |
| 101 | MP2C | Z | 12.301 | .5 |
| 102 | MP2C | Mx | 004 | .5 |
| 103 | MP3A | X | 24.308 | 2 |
| 104 | MP3A | Z | 42.102 | 2 |
| 105 | MP3A | Mx | .012 | 2 |
| 106 | MP3B | X | 24.308 | 2 |
| 107 | MP3B | Z | 42.102 | 2 |
| 108 | MP3B | Mx | .012 | 2 |
| 109 | MP3C | X | 17.717 | |
| 110 | MP3C | Z | 30.687 | 2 2 |
| 111 | MP3C | Mx | 018 | 2 |
| 112 | MP4A | X | 23.909 | 2 |
| 113 | MP4A | Z | 41.412 | 2 |
| 114 | MP4A | Mx | .012 | 2 2 |
| 115 | MP4B | X | 23.909 | 2 |
| 116 | MP4B | Z | 41.412 | 2 |
| 117 | MP4B | Mx | .012 | 2 |
| 118 | MP4C | X | 16.122 | 2 2 |
| 119 | MP4C | Z | 27.925 | 2 |
| 120 | MP4C | Mx | 016 | 2 |
| 121 | 02 | X | 49.178 | 1 |
| 122 | 02 | Z | 85.178 | 1 |
| | <u> </u> | _ | 00.170 | |

: Mount Analysis

Aug 11, 2021 10:30 AM Checked By:_

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|-----|--------------|-----------|--------------------|----------------|
| 123 | 02 | Mx | 0 | 1 |

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|----|--------------|-----------|--------------------|----------------|
| 1 | MP1B | X | 0 | .5 |
| 2 | MP1B | Z | 125.168 | .5 |
| 3 | MP1B | Mx | 135 | .5 |
| 4 | MP1B | X | 0 | 4.5 |
| 5 | MP1B | Z | 125.168 | 4.5 |
| 6 | MP1B | Mx | 135 | 4.5 |
| 7 | MP1C | Χ | 0 | .5 |
| 8 | MP1C | Z | 125.168 | .5 |
| 9 | MP1C | Mx | .135 | .5 |
| 10 | MP1C | Χ | 0 | 4.5 |
| 11 | MP1C | Z | 125.168 | 4.5 |
| 12 | MP1C | Mx | .135 | 4.5 |
| 13 | MP4B | X | 0 | .5 |
| 14 | MP4B | Z | 125.168 | .5 |
| 15 | MP4B | Mx | 135 | .5 |
| 16 | MP4B | X | 0 | 4.5 |
| 17 | MP4B | Ζ | 125.168 | 4.5 |
| 18 | MP4B | Mx | 135 | 4.5 |
| 19 | MP4C | X | 0 | .5 |
| 20 | MP4C | Z | 125.168 | .5 |
| 21 | MP4C | Mx | .135 | .5 |
| 22 | MP4C | X | 0 | 4.5 |
| 23 | MP4C | Z | 125.168 | 4.5 |
| 24 | MP4C | Mx | .135 | 4.5 |
| 25 | MP1A | X | 0 | .5 |
| 26 | MP1A | Z | 61.372 | .5 |
| 27 | MP1A | Mx | 0 | .5 |
| 28 | MP1A | X | 0 | 4.5 |
| 29 | MP1A | Z | 61.372 | 4.5 |
| 30 | MP1A | Mx | 0 | 4.5 |
| 31 | MP4A | X | 0 | .5 |
| 32 | MP4A | Z | 61.372 | .5 |
| 33 | MP4A | Mx | 0 | .5 |
| 34 | MP4A | X | 0 | 4.5 |
| 35 | MP4A | Z | 61.372 | 4.5 |
| 36 | MP4A | Mx | 0 | 4.5 |
| 37 | MP3A | X | 0 | .5 |
| 38 | MP3A | Z | 114.523 | .5 |
| 39 | MP3A | Mx | 067 | .5 |
| 40 | MP3A | X | 0 | 4.5 |
| 41 | MP3A | Z | 114.523 | 4.5 |
| 42 | MP3A | Mx | 067 | 4.5 |
| 43 | MP3B | X Z | 0 | .5 |
| 44 | MP3B | | 85.414 | .5 |
| 45 | MP3B | Mx | 037 | .5 |
| 46 | MP3B | X | 0 | 4.5 |
| 47 | MP3B | Z | 85.414 | 4.5 |
| 48 | MP3B | Mx | 037 | 4.5 |
| 49 | MP3C | X | 0 | .5 |
| 50 | MP3C | Z | 85.414 | .5 |
| 51 | MP3C | Mx | .087 | .5 |
| 52 | MP3C | X | 0 | 4.5 |

Mount Analysis

Aug 11, 2021 10:30 AM Checked By:__

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

| monn | er Point Loads (BLC 9 : A | | | |
|-----------|---------------------------|-----------|--------------------|----------------|
| 50 | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
| 53 | MP3C | Z | 85.414 | 4.5 |
| 54 | MP3C | Mx | .087 | 4.5 |
| 55 | MP3A | X | 0 | .5 |
| 56 | MP3A | | 114.097 | .5 |
| 57 | MP3A | Mx | .067 | .5 |
| 58 | MP3A | X | 0 | 4.5 |
| 59 | MP3A | Z | 114.097 | 4.5 |
| 60 | MP3A | Mx | .067 | 4.5 |
| 61 | MP3B | X | 0 | .5 |
| 62 | MP3B | Z | 85.307 | .5 |
| 63 | MP3B | Mx | 086 | .5 |
| 64 | MP3B | X Z | 0 | 4.5 |
| 65 | MP3B | | 85.307 | 4.5 |
| 66 | MP3B | Mx | 086 | 4.5 |
| 67 | MP3C | X | 0 | .5 |
| 68 | MP3C | | 85.307 | .5 |
| 69 | MP3C | Mx | .037 | .5 4.5 |
| 70 | MP3C MP3C | X Z | 85.307 | 4.5 4.5 |
| 72 | | | | 4.5 |
| 73 | MP3C | Mx | .037 | 1.5 |
| 74 | MP2A MP2A | X Z | 0 66.616 | 1.5 |
| 75 | | Mx | 00.010 | 1.5 |
| 76 | MP2A MP2A | X | 0 | 3.5 |
| 77 | MP2A | Z | 66.616 | 3.5 |
| | MP2A | Mx | 00.010 | 3.5 |
| 78 79 | MP2B | X | 0 | 1.5 |
| 80 | MP2B | Z | 36.214 | 1.5 |
| 81 | MP2B | Mx | 026 | 1.5 |
| 82 | MP2B | X | 0 | 3.5 |
| 83 | MP2B | Z | 36.214 | 3.5 |
| 84 | MP2B | Mx | 026 | 3.5 |
| 85 | MP2C | X | 0 | 1.5 |
| 86 | MP2C | Z | 36.214 | 1.5 |
| 87 | MP2C | Mx | .026 | 1.5 |
| 88 | MP2C | X | 0 | 3.5 |
| 89 | MP2C | Z | 36.214 | 3.5 |
| 90 | MP2C | Mx | .026 | 3.5 |
| 91 | 01 | X | 0 | 1 |
| 92 | 01 | 7 | 107.436 | 1 |
| 93 | 01 | Mx | 0 | 1 |
| 94 | MP2A | X | 0 | .5 |
| 95 | MP2A | Z | 28.347 | .5 |
| 96 | MP2A | Mx | 0 | .5 .5 |
| 97 | MP2B | X | 0 | .5 |
| 98 | MP2B | Z | 17.74 | .5 |
| 99 | MP2B | Mx | .004 | .5 |
| 100 | MP2C | X | 0 | .5 |
| 101 | MP2C | Ž | 17.74 | .5 |
| 102 | MP2C | Mx | 004 | .5 |
| 103 | MP3A | X | 0 | 2 |
| 104 | MP3A | Z | 53.009 | 2 |
| 105 | MP3A | Mx | 0 | 2 |
| 106 | MP3B | X | 0 | 2 2 |
| 107 | MP3B | Z | 39.828 | 2 |
| 108 | MP3B | Mx | .017 | 2 |
| 109 | MP3C | X | 0 | 2 |

Mount Analysis

Aug 11, 2021 10:30 AM Checked By:__

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|-----|--------------|-----------|--------------------|----------------|
| 110 | MP3C | Z | 39.828 | 2 |
| 111 | MP3C | Mx | 017 | 2 |
| 112 | MP4A | Χ | 0 | 2 |
| 113 | MP4A | Z | 53.009 | 2 |
| 114 | MP4A | Mx | 0 | 2 |
| 115 | MP4B | Χ | 0 | 2 |
| 116 | MP4B | Z | 37.436 | 2 |
| 117 | MP4B | Mx | .016 | 2 |
| 118 | MP4C | Χ | 0 | 2 |
| 119 | MP4C | Z | 37.436 | 2 |
| 120 | MP4C | Mx | 016 | 2 |
| 121 | O2 | X | 0 | 1 |
| 122 | O2 | Z | 107.436 | 1 |
| 123 | O2 | Mx | 0 | 1 |

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|----|--------------|-----------|--------------------|----------------|
| 1 | MP1B | X | -60.767 | .5 |
| 2 | MP1B | Z | 105.252 | .5 |
| 3 | MP1B | Mx | 152 | .5 |
| 4 | MP1B | X | -60.767 | 4.5 |
| 5 | MP1B | Z | 105.252 | 4.5 |
| 6 | MP1B | Mx | 152 | 4.5 |
| 7 | MP1C | X | -66.217 | .5 |
| 8 | MP1C | Z | 114.691 | .5 |
| 9 | MP1C | Mx | .083 | .5 |
| 10 | MP1C | Х | -66.217 | 4.5 |
| 11 | MP1C | Z | 114.691 | 4.5 |
| 12 | MP1C | Mx | .083 | 4.5 |
| 13 | MP4B | Χ | -60.767 | .5 |
| 14 | MP4B | Z | 105.252 | .5 |
| 15 | MP4B | Mx | 152 | .5 |
| 16 | MP4B | X | -60.767 | 4.5 |
| 17 | MP4B | Z | 105.252 | 4.5 |
| 18 | MP4B | Mx | 152 | 4.5 |
| 19 | MP4C | X | -66.217 | .5 |
| 20 | MP4C | Z | 114.691 | .5 |
| 21 | MP4C | Mx | .083 | .5 |
| 22 | MP4C | X | -66.217 | 4.5 |
| 23 | MP4C | Z | 114.691 | 4.5 |
| 24 | MP4C | Mx | .083 | 4.5 |
| 25 | MP1A | X Z | -38.301 | .5 |
| 26 | MP1A | | 66.34 | .5 |
| 27 | MP1A | Mx | .048 | .5 |
| 28 | MP1A | X | -38.301 | 4.5 |
| 29 | MP1A | Z | 66.34 | 4.5 |
| 30 | MP1A | Mx | .048 | 4.5 |
| 31 | MP4A | X | -38.301 | .5 |
| 32 | MP4A | Z | 66.34 | .5 |
| 33 | MP4A | Mx | .048 | .5 |
| 34 | MP4A | X | -38.301 | 4.5 |
| 35 | MP4A | Z | 66.34 | 4.5 |
| 36 | MP4A | Mx | .048 | 4.5 |
| 37 | MP3A | X | -52.41 | .5 |
| 38 | MP3A | Z | 90.776 | .5 |
| 39 | MP3A | Mx | 009 | .5 |

: Mount Analysis

Aug 11, 2021 10:30 AM Checked By:___

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

| | | Antenna Wo (2101 | | |
|----|--------------|------------------|--------------------|----------------|
| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
| 40 | MP3A | X | -52.41 | 4.5 |
| 41 | MP3A | Z | 90.776 | 4.5 |
| 42 | MP3A | Mx | 009 | 4.5 |
| 43 | MP3B | | -37.855 | .5 |
| 44 | MP3B | X Z | 65.567 | .5 |
| 45 | MP3B | Mx | 063 | .5 |
| 46 | MP3B | X | -37.855 | 4.5 |
| | | Z | | |
| 47 | MP3B | | 65.567 | 4.5 |
| 48 | MP3B | Mx | 063 | 4.5 |
| 49 | MP3C | X | -52.41 | .5 |
| 50 | MP3C | Z | 90.776 | .5 |
| 51 | MP3C | Mx | .097 | .5 |
| 52 | MP3C | X | -52.41 | 4.5 |
| 53 | MP3C | Z | 90.776 | 4.5 |
| 54 | MP3C | Mx | .097 | 4.5 |
| 55 | MP3A | X | -52.25 | .5 |
| 56 | MP3A | Z | 90.5 | .5 |
| 57 | MP3A | Mx | .096 | .5 |
| 58 | MP3A | X | -52.25 | 4.5 |
| 59 | MP3A | Z | 90.5 | 4.5 |
| 60 | MP3A | Mx | .096 | 4.5 |
| 61 | MP3B | X | -37.855 | .5 |
| 62 | MP3B | Z | 65.567 | .5 |
| 63 | MP3B | Mx | 063 | .5 |
| 64 | MP3B | X | -37.855 | 4.5 |
| 65 | | Z | | 4.5 |
| | MP3B | | 65.567 | 4.5 |
| 66 | MP3B | Mx | 063 | 4.5 |
| 67 | MP3C | X | -52.25 | .5_ |
| 68 | MP3C | Z | 90.5 | .5 |
| 69 | MP3C | Mx | 009 | .5 |
| 70 | MP3C | X | -52.25 | 4.5 |
| 71 | MP3C | Z | 90.5 | 4.5 |
| 72 | MP3C | Mx | 009 | 4.5 |
| 73 | MP2A | X Z | -28.241 | 1.5 |
| 74 | MP2A | Z | 48.915 | 1.5 |
| 75 | MP2A | Mx | .024 | 1.5 |
| 76 | MP2A | X | -28.241 | 3.5 |
| 77 | MP2A | Z | 48.915 | 3.5 |
| 78 | MP2A | Mx | .024 | 3.5 |
| 79 | MP2B | X | -13.04 | 1.5 |
| 80 | MP2B | Z | 22.586 | 1.5 |
| 81 | MP2B | Mx | 022 | 1.5 |
| 82 | MP2B | X | -13.04 | 3.5 |
| 83 | MP2B | Z | 22.586 | 3.5 |
| 84 | MP2B | Mx | 022 | 3.5 |
| 85 | MP2C | X | -28.241 | 1.5 |
| | | Z | | 1.5 |
| 86 | MP2C | | 48.915 | 1.5 |
| 87 | MP2C | Mx | .024 | 1.5 |
| 88 | MP2C | X | -28.241 | 3.5 |
| 89 | MP2C | Z | 48.915 | 3.5 |
| 90 | MP2C | Mx | .024 | 3.5 |
| 91 | 01 | X | -49.178 | 1 |
| 92 | <u>O1</u> | Z | 85.178 | 1 |
| 93 | <u>O1</u> | Mx | 0 | 1 |
| 94 | MP2A | X | -12.406 | .5 |
| 95 | MP2A | Z | 21.487 | .5 |
| 96 | MP2A | Mx | 003 | .5 |
| | | | | |

: Mount Analysis

Aug 11, 2021 10:30 AM Checked By:_

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|-----|--------------|-----------|--------------------|----------------|
| 97 | MP2B | X | -7.102 | .5 |
| 98 | MP2B | Z | 12.301 | .5 |
| 99 | MP2B | Mx | .004 | .5 |
| 100 | MP2C | Χ | -12.406 | .5 |
| 101 | MP2C | Z | 21.487 | .5 |
| 102 | MP2C | Mx | 003 | .5 |
| 103 | MP3A | Χ | -24.308 | 2 |
| 104 | MP3A | Z | 42.102 | 2 |
| 105 | MP3A | Mx | 012 | 2 |
| 106 | MP3B | Χ | -17.717 | 2 |
| 107 | MP3B | Z | 30.687 | 2 |
| 108 | MP3B | Mx | .018 | 2 |
| 109 | MP3C | Χ | -24.308 | 2 |
| 110 | MP3C | Z | 42.102 | 2 |
| 111 | MP3C | Mx | 012 | 2 |
| 112 | MP4A | Χ | -23.909 | 2 |
| 113 | MP4A | Z | 41.412 | 2 |
| 114 | MP4A | Mx | 012 | 2 |
| 115 | MP4B | Χ | -16.122 | 2 |
| 116 | MP4B | Z | 27.925 | 2 |
| 117 | MP4B | Mx | .016 | 2 |
| 118 | MP4C | Χ | -23.909 | 2 |
| 119 | MP4C | Z | 41.412 | 2 |
| 120 | MP4C | Mx | 012 | 2 |
| 121 | O2 | Χ | -49.178 | 1 |
| 122 | O2 | Z | 85.178 | 1 |
| 123 | O2 | Mx | 0 | 1 |

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|----|--------------|-----------|--------------------|----------------|
| 1 | MP1B | Χ | -108.398 | .5 |
| 2 | MP1B | Z | 62.584 | .5 |
| 3 | MP1B | Mx | 135 | .5 |
| 4 | MP1B | Χ | -108.398 | 4.5 |
| 5 | MP1B | Z | 62.584 | 4.5 |
| 6 | MP1B | Mx | 135 | 4.5 |
| 7 | MP1C | Χ | -117.837 | .5 |
| 8 | MP1C | Z | 68.033 | .5 |
| 9 | MP1C | Mx | 0 | .5 |
| 10 | MP1C | Χ | -117.837 | 4.5 |
| 11 | MP1C | Z | 68.033 | 4.5 |
| 12 | MP1C | Mx | 0 | 4.5 |
| 13 | MP4B | Χ | -108.398 | .5 |
| 14 | MP4B | Z | 62.584 | .5 |
| 15 | MP4B | Mx | 135 | .5 |
| 16 | MP4B | Χ | -108.398 | 4.5 |
| 17 | MP4B | Z | 62.584 | 4.5 |
| 18 | MP4B | Mx | 135 | 4.5 |
| 19 | MP4C | Χ | -117.837 | .5 |
| 20 | MP4C | Z | 68.033 | .5 |
| 21 | MP4C | Mx | 0 | .5 |
| 22 | MP4C | Χ | -117.837 | 4.5 |
| 23 | MP4C | Z | 68.033 | 4.5 |
| 24 | MP4C | Mx | 0 | 4.5 |
| 25 | MP1A | Χ | -92.72 | .5 |
| 26 | MP1A | Z | 53.532 | .5 |

Mount Analysis

Aug 11, 2021 10:30 AM Checked By:___

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

| MICHIE | oer Point Loads (BLC 11 : A | | | |
|--------|-----------------------------|-----------|--------------------|----------------|
| 0.7 | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
| 27 | MP1A | Mx | .116 | .5 |
| 28 | MP1A | X | -92.72 | 4.5 |
| 29 | MP1A | Z | 53.532 | 4.5 |
| 30 | MP1A | Mx | .116 | 4.5 |
| 31 | MP4A | X | -92.72 | .5 |
| 32 | MP4A | Z | 53.532 | .5 |
| 33 | MP4A | Mx | .116 | .5 |
| 34 | MP4A | X | -92.72 | 4.5 |
| 35 | MP4A | Z | 53.532 | 4.5 |
| 36 | MP4A | Mx | .116 | 4.5 |
| 37 | MP3A | X | -73.97 | .5 |
| 38 | MP3A | Z | 42.707 | .5 |
| 39 | MP3A | Mx | .037 | .5 |
| 40 | MP3A | X | -73.97 | 4.5 |
| 41 | MP3A | Z | 42.707 | 4.5 |
| 42 | MP3A | Mx | .037 | 4.5 |
| 43 | MP3B | X | -73.97 | .5 |
| 44 | MP3B | Z | 42.707 | .5 |
| 45 | MP3B MP3B | Mx | 087 | .5 .5 |
| | | | -73.97 | |
| 46 | MP3B | X Z | | 4.5 |
| 47 | MP3B | | 42.707 | 4.5 |
| 48 | MP3B | Mx | 087 | 4.5 |
| 49 | MP3C | X | -99.179 | .5 |
| 50 | MP3C | Z | 57.261 | .5 |
| 51 | MP3C | Mx | .067 | .5 |
| 52 | MP3C | X | -99.179 | 4.5 |
| 53 | MP3C | Z | 57.261 | 4.5 |
| 54 | MP3C | Mx | .067 | 4.5 |
| 55 | MP3A | X | -73.878 | .5 |
| 56 | MP3A | Z | 42.654 | .5 |
| 57 | MP3A | Mx | .086 | .5 |
| 58 | MP3A | X | -73.878 | 4.5 |
| 59 | MP3A | Z | 42.654 | 4.5 |
| 60 | MP3A | Mx | .086 | 4.5 |
| 61 | MP3B | Х | -73.878 | .5 |
| 62 | MP3B | Z | 42.654 | .5 |
| 63 | MP3B | Mx | 037 | .5 |
| 64 | MP3B | X | -73.878 | 4.5 |
| 65 | MP3B | Z | 42.654 | 4.5 |
| 66 | MP3B | Mx | 037 | 4.5 |
| 67 | MP3C | X | -98.811 | .5 |
| 68 | MP3C | Z | 57.049 | .5 |
| 69 | MP3C | Mx | 067 | 5 |
| 70 | MP3C | X | -98.811 | .5 4.5 |
| 71 | MP3C | Z | 57.049 | 4.5 |
| 72 | MP3C | Mx | 067 | 4.5 |
| 73 | MP2A | X | -31.362 | 1.5 |
| 74 | MP2A MP2A | 7 | 18.107 | 1.5 |
| 75 | MP2A MP2A | Mx | .026 | 1.5 |
| 76 | | X | -31.362 | 3.5 |
| | MP2A | Z | | |
| 77 | MP2A | | 18.107 | 3.5 |
| 78 | MP2A | Mx | .026 | 3.5 |
| 79 | MP2B | X Z | -31.362 | 1.5 |
| 80 | MP2B | | 18.107 | 1.5 |
| 81 | MP2B | Mx | 026 | 1.5 |
| 82 | MP2B | X | -31.362 | 3.5 |
| 83 | MP2B | Z | 18.107 | 3.5 |

: Mount Analysis

Aug 11, 2021 10:30 AM Checked By:___

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

| IVICITIOC | FOIIIL EDAUS (BEC 11.7 | Antenna WO (240 L | regij (Oontinaea) | |
|-----------|------------------------|-------------------|--------------------|----------------|
| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
| 84 | MP2B | Mx | 026 | 3.5 |
| 85 | MP2C | X | -57.691 | 1.5 |
| 86 | MP2C | Z | 33.308 | 1.5 |
| 87 | MP2C | Mx | 0 | 1.5 |
| 88 | MP2C | X | -57.691 | 3.5 |
| 89 | MP2C | Z | 33.308 | 3.5 |
| 90 | MP2C | Mx | 0 | 3.5 |
| 91 | O1 | X | -69.45 | 1 |
| 92 | 01 | Z | 40.097 | 1 |
| 93 | O1 | Mx | 0 | 1 |
| 94 | MP2A | X | -15.363 | .5 |
| 95 | MP2A | Z | 8.87 | .5 |
| 96 | MP2A | Mx | 004 | .5 |
| 97 | MP2B | X | -15.363 | .5 |
| 98 | MP2B | Z | 8.87 | .5 |
| 99 | MP2B | Mx | .004 | .5 |
| 100 | MP2C | X | -24.549 | .5 |
| 101 | MP2C | Z | 14.174 | .5 |
| 102 | MP2C | Mx | 0 | .5 |
| 103 | MP3A | X | -34.492 | 2 |
| 104 | MP3A | Z | 19.914 | 2 |
| 105 | MP3A | Mx | 017 | 2 |
| 106 | MP3B | X | -34.492 | 2 |
| 107 | MP3B | Z | 19.914 | 2 |
| 108 | MP3B | Mx | .017 | 2 |
| 109 | MP3C | X | -45.907 | 2 |
| 110 | MP3C | Z | 26.505 | 2 |
| 111 | MP3C | Mx | 0 | 2 2 |
| 112 | MP4A | X | -32.42 | |
| 113 | MP4A | Z | 18.718 | 2 |
| 114 | MP4A | Mx | 016 | 2 |
| 115 | MP4B | X | -32.42 | 2 |
| 116 | MP4B | | 18.718 | 2 |
| 117 | MP4B | Mx | .016 | 2 |
| 118 | MP4C | X | -45.907 | 2 |
| 119 | MP4C | Z | 26.505 | 2 |
| 120 | MP4C | Mx | 0 | 2 |
| 121 | O2 | X | -69.45 | 1 |
| 122 | O2 | Z | 40.097 | 1 |
| 123 | O2 | Mx | 0 | 1 |
| | | | | |

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|----|--------------|-----------|--------------------|----------------|
| 1 | MP1B | X | -132.433 | .5 |
| 2 | MP1B | Z | 0 | .5 |
| 3 | MP1B | Mx | 083 | .5 |
| 4 | MP1B | Χ | -132.433 | 4.5 |
| 5 | MP1B | Z | 0 | 4.5 |
| 6 | MP1B | Mx | 083 | 4.5 |
| 7 | MP1C | X | -132.433 | .5 |
| 8 | MP1C | Z | 0 | .5 |
| 9 | MP1C | Mx | 083 | .5 |
| 10 | MP1C | X | -132.433 | 4.5 |
| 11 | MP1C | Z | 0 | 4.5 |
| 12 | MP1C | Mx | 083 | 4.5 |
| 13 | MP4B | X | -132.433 | .5 |

Mount Analysis

Aug 11, 2021 10:30 AM Checked By:___

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

| | er Point Loads (BLC 12 : . | - | | 1 1: 15: 0/1 |
|----------|----------------------------|-------------|--------------------|-------------------|
| 11 | Member Label MP4B | Direction Z | Magnitude[lb,k-ft] | Location[ft,%] |
| 14 | MP4B MP4B | Mx | 083 | . <u>5</u> .5 |
| 16 | MP4B | X | -132.433 | 4.5 |
| 17 | MP4B | Z | 0 | 4.5 |
| 18 | MP4B | Mx | 083 | 4.5 |
| 19 | MP4C | X | -132.433 | .5 |
| 20 | MP4C | Z | -132.433 | .5 |
| 21 | MP4C | Mx | 083 | .5 |
| 22 | MP4C | X | -132.433 | 4.5 |
| 23 | MP4C | Z | -132.433 | 4.5 |
| 24 | MP4C | Mx | 083 | 4.5 |
| 25 | MP1A | X | -122.295 | .5 |
| 26 | MP1A | Z | 0 | .5 |
| 27 | MP1A | Mx | .153 | .5 |
| 28 | MP1A | X | -122.295 | 4.5 |
| 29 | MP1A | Z | 0 | 4.5 |
| 30 | MP1A | Mx | .153 | 4.5 |
| 31 | MP4A | X | -122.295 | .5 |
| 32 | MP4A | Z | -122.295 | .5 |
| 33 | MP4A MP4A | Mx | .153 | .5 |
| 34 | MP4A | X | -122.295 | 4.5 |
| 35 | MP4A | Z | | 4.5 |
| 36 | MP4A | Mx | 0 .153 | 4.5 |
| 37 | MP3A | X | -75.711 | .5 |
| 38 | | Z | 0 | .5 |
| | MP3A | | .063 | |
| 39 | MP3A | Mx V | | .5 4.5 |
| 40 | MP3A | X Z | -75.711 0 | 4.5 |
| 41 42 | MP3A | | .063 | |
| | MP3A | Mx X | | <u>4.5</u> .5 |
| 43 | MP3B | Z | -104.82 | |
| 44 | MP3B | | 0 | . <u>5</u> .5 |
| 45 | MP3B | Mx | 097 | 4.5 |
| 46 | MP3B | X Z | -104.82 | |
| 47 | MP3B MP3B | | 097 | 4.5 |
| | MP3C | Mx V | | 4.5 |
| 49 | | X Z | -104.82 | .5 |
| 50 | MP3C | | 0 | .5 |
| 51 52 | MP3C | Mx X | .009 | . <u>5</u> 4.5 |
| 53 | MP3C MP3C | Z | -104.82 0 | 4.5 |
| | MP3C | | .009 | |
| 54 55 | MP3A | Mx X | -75.711 | 4.5 .5 |
| 56 | MP3A | Z | -/3./11 | .5 F |
| 57 | MP3A | Mx | .063 | .5 .5 |
| 58 | MP3A | X | -75.711 | .5 4.5 |
| | MP3A | Z | | 4.5 |
| 59 60 | | Mx | 0 .063 | 4.5 |
| | MP3A | | | 4.0 |
| 61 62 | MP3B | X Z | -104.501 | .5 .5 |
| | MP3B | | 0 | .5 |
| 63 | MP3B | Mx V | .009 | .5 |
| 64 | MP3B | X Z | -104.501 | 4.5 |
| 65 | MP3B | | 0 | 4.5 |
| 66 | MP3B | Mx | .009 | 4.5 |
| 67 | MP3C | X | -104.501 | .5 |
| 68 | MP3C | | 0 | .5 |
| 69 | MP3C | Mx | 096 | .5 |
| 70 | MP3C | X | -104.501 | 4.5 |

: Mount Analysis

Aug 11, 2021 10:30 AM Checked By:___

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

| momo | FOIIT LOADS (BLC 12. | - | reg// (Gomanaea) | |
|------|----------------------|-----------|--------------------|----------------|
| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
| 71 | MP3C | Z | 0 | 4.5 |
| 72 | MP3C | Mx | 096 | 4.5 |
| 73 | MP2A | X | -26.08 | 1.5 |
| 74 | MP2A | Z | 0 | 1.5 |
| 75 | MP2A | Mx | .022 | 1.5 |
| 76 | MP2A | X | -26.08 | 3.5 |
| 77 | MP2A | Z | 0 | 3.5 |
| 78 | MP2A | Mx | .022 | 3.5 |
| 79 | MP2B | X | -56.482 | 1.5 |
| 80 | MP2B | Z | 0 | 1.5 |
| 81 | MP2B | Mx | 024 | 1.5 |
| 82 | MP2B | X | -56.482 | 3.5 |
| 83 | MP2B | Z | 0 | 3.5 |
| 84 | MP2B | Mx | 024 | 3.5 |
| 85 | MP2C | X | -56.482 | 1.5 |
| 86 | MP2C | Z | 0 | 1.5 |
| 87 | MP2C | Mx | 024 | 1.5 |
| 88 | MP2C | X | -56.482 | 3.5 |
| 89 | MP2C | Z | 0 | 3.5 |
| 90 | MP2C | Mx | 024 | 3.5 |
| 91 | <u>O1</u> | X | -71.114 | 1 |
| 92 | 01 | Z | 0 | 1 |
| 93 | <u>O1</u> | Mx | 0 | 1 |
| 94 | MP2A | X | -14.204 | .5 |
| 95 | MP2A | Z | 0 | .5 |
| 96 | MP2A | Mx | 004 | .5 |
| 97 | MP2B | X | -24.811 | .5 |
| 98 | MP2B | Z | 0 | .5 |
| 99 | MP2B | Mx | .003 | .5 |
| 100 | MP2C | X | -24.811 | .5 |
| 101 | MP2C | Z | 0 | .5 |
| 102 | MP2C | Mx | .003 | .5 |
| 103 | MP3A | X | -35.434 | 2 |
| 104 | MP3A | Z | 0 | 2 |
| 105 | MP3A | Mx | 018 | 2 |
| 106 | MP3B | X | -48.615 | 2 |
| 107 | MP3B | Z | 0 | 2 |
| 108 | MP3B | Mx | .012 | 2 |
| 109 | MP3C | X | -48.615 | 2 |
| 110 | MP3C | Z | 0 | 2 |
| 111 | MP3C | Mx | .012 | 2 |
| 112 | MP4A | X | -32.245 | 2 |
| 113 | MP4A | Z | 0 | 2 2 |
| 114 | MP4A | Mx | 016 | 2 |
| 115 | MP4B | X | -47.818 | 2 2 |
| 116 | MP4B | | 0 | 2 |
| 117 | MP4B | Mx | .012 | 2 2 |
| 118 | MP4C | X | -47.818 | 2 |
| 119 | MP4C | Z | 0 | 2 |
| 120 | MP4C | Mx | .012 | 2 |
| 121 | O2 | X | -71.114 | 1 |
| 122 | 02 | Z | 0 | 1 |
| 123 | O2 | Mx | 0 | 1 |

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

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

Mount Analysis

Aug 11, 2021 10:30 AM Checked By:___

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

| MICH | DEI FUIII LUAUS (DLC 13. A | memia vvo (ooo i | bcg// (boiltillaca) | |
|------|----------------------------|------------------|---------------------|----------------|
| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
| 1 | MP1B | X Z | -117.837 | .5 |
| 2 | MP1B | | -68.033 | .5 |
| 3 | MP1B | Mx | 0 | .5 |
| 4 | MP1B | X | -117.837 | 4.5 |
| 5 | MP1B | Z | -68.033 | 4.5 |
| 6 | MP1B | Mx | 0 | 4.5 |
| 7 | MP1C | X | -108.398 | .5 |
| 8 | MP1C | Z | -62.584 | .5 |
| 9 | MP1C | Mx | 135 | .5 |
| 10 | MP1C | X | -108.398 | 4.5 |
| 11 | MP1C | Z | -62.584 | 4.5 |
| 12 | MP1C | Mx | 135 | 4.5 |
| 13 | MP4B | X | -117.837 | .5 |
| 14 | MP4B | Z | -68.033 | .5 |
| 15 | MP4B | Mx | 0 | .5 |
| 16 | MP4B | X | -117.837 | 4.5 |
| 17 | MP4B | Z | -68.033 | 4.5 |
| 18 | MP4B | Mx | 0 | 4.5 |
| 19 | MP4C | X | -108.398 | .5 |
| 20 | MP4C | Z | -62.584 | .5 |
| 21 | MP4C | Mx | 135 | .5 |
| 22 | MP4C | X | -108.398 | 4.5 |
| 23 | MP4C | Z | -62.584 | 4.5 |
| 24 | MP4C | Mx | 135 | 4.5 |
| 25 | MP1A | X | -92.72 | .5 |
| 26 | MP1A | Z | -53.532 | .5 |
| 27 | MP1A | Mx | .116 | .5 |
| 28 | MP1A | X | -92.72 | 4.5 |
| 29 | MP1A | Z | -53.532 | 4.5 |
| 30 | MP1A | Mx | .116 | 4.5 |
| 31 | MP4A | X | -92.72 | .5 |
| 32 | MP4A | Z | -53.532 | .5 |
| 33 | MP4A | Mx | .116 | .5 |
| 34 | MP4A | X | -92.72 | 4.5 |
| 35 | MP4A | Z | -53.532 | 4.5 |
| 36 | MP4A | Mx | .116 | 4.5 |
| 37 | MP3A | X | -73.97 | .5 |
| 38 | MP3A | Z | -42.707 | .5 |
| 39 | MP3A | Mx | .087 | .5 |
| 40 | MP3A | X | -73.97 | 4.5 |
| 41 | MP3A | Z | -42.707 | 4.5 |
| 42 | MP3A | Mx | .087 | 4.5 |
| 43 | MP3B | X | -99.179 | .5 |
| 44 | MP3B | Z | -57.261 | .5 |
| 45 | MP3B | Mx | 067 | .5 |
| 46 | MP3B | X | -99.179 | 4.5 |
| 47 | MP3B | Z | -57.261 | 4.5 |
| 48 | MP3B | Mx | 067 | 4.5 |
| 49 | MP3C | X | -73.97 | .5 |
| 50 | MP3C | Z | -42.707 | .5 |
| 51 | MP3C | Mx | 037 | .5 |
| 52 | MP3C | X | -73.97 | 4.5 |
| 53 | MP3C | Z | -42.707 | 4.5 |
| 54 | MP3C | Mx | 037 | 4.5 |
| 55 | MP3A | X | -73.878 | .5 |
| 56 | MP3A | Z | -42.654 | .5 |
| 57 | MP3A | Mx | .037 | .5 |

Mount Analysis

Aug 11, 2021 10:30 AM Checked By:___

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

| Member Point Loads (BLC 13 : Antenna Wo (300 Deg)) (Continued) | | | | | |
|--|--------------|-----------|--------------------|----------------|--|
| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] | |
| 58 | MP3A | X | -73.878 | 4.5 | |
| 59 | MP3A | Z | -42.654 | 4.5 | |
| 60 | MP3A | Mx | .037 | 4.5 | |
| 61 | MP3B | X | -98.811 | .5 | |
| 62 | MP3B | Z | -57.049 | .5 | |
| 63 | MP3B | Mx | .067 | .5 | |
| 64 | MP3B | X | -98.811 | 4.5 | |
| 65 | MP3B | Z | -57.049 | 4.5 | |
| 66 | MP3B | Mx | .067 | 4.5 | |
| 67 | MP3C | X | -73.878 | .5 | |
| 68 | MP3C | Z | -42.654 | .5 | |
| 69 | MP3C | Mx | 086 | .5 .5 | |
| | | | | 4.5 | |
| 70 | MP3C | X Z | -73.878 | | |
| 71 | MP3C | | -42.654 | 4.5 | |
| 72 | MP3C | Mx | 086 | 4.5 | |
| 73 | MP2A | X | -31.362 | 1.5 | |
| 74 | MP2A | Z | -18.107 | 1.5 | |
| 75 | MP2A | Mx | .026 | 1.5 | |
| 76 | MP2A | X | -31.362 | 3.5 | |
| 77 | MP2A | Z | -18.107 | 3.5 | |
| 78 | MP2A | Mx | .026 | 3.5 | |
| 79 | MP2B | X | -57.691 | 1.5 | |
| 80 | MP2B | Z | -33.308 | 1.5 | |
| 81 | MP2B | Mx | 0 | 1.5 | |
| 82 | MP2B | X | -57.691 | 3.5 | |
| 83 | MP2B | Z | -33.308 | 3.5 | |
| 84 | MP2B | Mx | 0 | 3.5 | |
| 85 | MP2C | | -31.362 | 1.5 | |
| 86 | MP2C | X | -18.107 | 1.5 | |
| 87 | MP2C | Mx | 026 | 1.5 | |
| 88 | MP2C | X | -31.362 | 3.5 | |
| 89 | MP2C | Z | -18.107 | 3.5 | |
| 90 | MP2C | Mx | 026 | 3.5 | |
| 91 | 01 | X | -69.45 | 1 | |
| 92 | 01 | Z | -40.097 | 1 | |
| 93 | 01 | Mx | 0 | 1 | |
| 94 | MP2A | X | -15.363 | .5 | |
| 95 | MP2A | Z | -8.87 | .5 | |
| 96 | | Mx | 004 | .5 | |
| 96 | MP2A MD2R | | | .5 | |
| | MP2B | X | -24.549 | .5 .5 | |
| 98 | MP2B | | -14.174 | | |
| 99 | MP2B | Mx | 0 | .5 | |
| 100 | MP2C | X Z | -15.363 | .5 | |
| 101 | MP2C | | -8.87 | .5 | |
| 102 | MP2C | Mx | .004 | .5 | |
| 103 | MP3A | X | -34.492 | 2 | |
| 104 | MP3A | Z | -19.914 | 2 | |
| 105 | MP3A | Mx | 017 | 2 2 | |
| 106 | MP3B | X | -45.907 | | |
| 107 | MP3B | Z | -26.505 | 2 | |
| 108 | MP3B | Mx | 0 | 2 | |
| 109 | MP3C | X | -34.492 | 2 | |
| 110 | MP3C | Z | -19.914 | 2 | |
| 111 | MP3C | Mx | .017 | 2 | |
| 112 | MP4A | X | -32.42 | 2 | |
| 113 | MP4A | Z | -18.718 | 2 | |
| 114 | MP4A | Mx | 016 | 2 | |
| | 1711 173 | 14177 | .010 | _ | |

Company Designer Job Number Model Name

: Maser Consulting

: Mount Analysis

Aug 11, 2021 10:30 AM Checked By:__

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|-----|--------------|-----------|--------------------|----------------|
| 115 | MP4B | X | -45.907 | 2 |
| 116 | MP4B | Z | -26.505 | 2 |
| 117 | MP4B | Mx | 0 | 2 |
| 118 | MP4C | Χ | -32.42 | 2 |
| 119 | MP4C | Z | -18.718 | 2 |
| 120 | MP4C | Mx | .016 | 2 |
| 121 | O2 | X | -69.45 | 1 |
| 122 | O2 | Z | -40.097 | 1 |
| 123 | O2 | Mx | 0 | 1 |

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|----|--------------|-----------|--------------------|----------------|
| 1 | MP1B | X | -66.217 | .5 |
| 2 | MP1B | Z | -114.691 | .5 |
| 3 | MP1B | Mx | .083 | .5 |
| 4 | MP1B | X | -66.217 | 4.5 |
| 5 | MP1B | Z | -114.691 | 4.5 |
| 6 | MP1B | Mx | .083 | 4.5 |
| 7 | MP1C | Χ | -60.767 | .5 .5 |
| 8 | MP1C | Z | -105.252 | .5 |
| 9 | MP1C | Mx | 152 | .5 |
| 10 | MP1C | Χ | -60.767 | 4.5 |
| 11 | MP1C | Z | -105.252 | 4.5 |
| 12 | MP1C | Mx | 152 | 4.5 |
| 13 | MP4B | Χ | -66.217 | .5 |
| 14 | MP4B | Z | -114.691 | .5 |
| 15 | MP4B | Mx | .083 | .5 |
| 16 | MP4B | X | -66.217 | 4.5 |
| 17 | MP4B | Ζ | -114.691 | 4.5 |
| 18 | MP4B | Mx | .083 | 4.5 |
| 19 | MP4C | Χ | -60.767 | .5 .5 |
| 20 | MP4C | Z | -105.252 | .5 |
| 21 | MP4C | Mx | 152 | .5 |
| 22 | MP4C | Χ | -60.767 | 4.5 |
| 23 | MP4C | Z | -105.252 | 4.5 |
| 24 | MP4C | Mx | 152 | 4.5 |
| 25 | MP1A | X | -38.301 | .5 |
| 26 | MP1A | Z | -66.34 | .5 |
| 27 | MP1A | Mx | .048 | .5 |
| 28 | MP1A | Х | -38.301 | 4.5 |
| 29 | MP1A | Z | -66.34 | 4.5 |
| 30 | MP1A | Mx | .048 | 4.5 |
| 31 | MP4A | Χ | -38.301 | .5 |
| 32 | MP4A | Z | -66.34 | .5 |
| 33 | MP4A | Mx | .048 | .5 |
| 34 | MP4A | X | -38.301 | 4.5 |
| 35 | MP4A | Z | -66.34 | 4.5 |
| 36 | MP4A | Mx | .048 | 4.5 |
| 37 | MP3A | X | -52.41 | .5 |
| 38 | MP3A | Z | -90.776 | .5 |
| 39 | MP3A | Mx | .097 | .5 |
| 40 | MP3A | X | -52.41 | 4.5 |
| 41 | MP3A | Z | -90.776 | 4.5 |
| 42 | MP3A | Mx | .097 | 4.5 |
| 43 | MP3B | X | -52.41 | .5 |
| 44 | MP3B | | -90.776 | .5 |
| 44 | IVITOD | | -80.770 | .3 |

Mount Analysis

Aug 11, 2021 10:30 AM Checked By:___

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

| WICHIK | per Point Loads (BLC 14 : A | - | | , |
|--------|-----------------------------|-----------|--------------------|----------------|
| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
| 45 | MP3B | Mx | 009 | .5 |
| 46 | MP3B | X | -52.41 | 4.5 |
| 47 | MP3B | Z | -90.776 | 4.5 |
| 48 | MP3B | Mx | 009 | 4.5 |
| 49 | MP3C | X | -37.855 | .5 |
| 50 | MP3C | Z | -65.567 | .5 |
| 51 | MP3C | Mx | 063 | .5 |
| 52 | MP3C | X | -37.855 | 4.5 |
| 53 | MP3C | Z | -65.567 | 4.5 |
| 54 | MP3C | Mx | 063 | 4.5 |
| 55 | MP3A | X | -52.25 | .5 |
| | | Z | | .5 |
| 56 | MP3A | | -90.5 | .5 |
| 57 | MP3A | Mx | 009 | .5 |
| 58 | MP3A | X | -52.25 | 4.5 |
| 59 | MP3A | Z | -90.5 | 4.5 |
| 60 | MP3A | Mx | 009 | 4.5 |
| 61 | MP3B | X | -52.25 | .5 |
| 62 | MP3B | Z | -90.5 | .5 |
| 63 | MP3B | Mx | .096 | .5 |
| 64 | MP3B | X | -52.25 | 4.5 |
| 65 | MP3B | Z | -90.5 | 4.5 |
| 66 | MP3B | Mx | .096 | 4.5 |
| 67 | MP3C | X | -37.855 | .5 |
| 68 | MP3C | Z | -65.567 | .5 |
| 69 | MP3C | Mx | 063 | .5 |
| 70 | MP3C | X | -37.855 | 4.5 |
| 71 | MP3C | Z | -65.567 | 4.5 |
| 72 | MP3C | Mx | 063 | 4.5 |
| 73 | MP2A | X | -28.241 | 1.5 |
| 74 | MP2A | Z | -48.915 | 1.5 |
| | | | .024 | 1.5 |
| 75 | MP2A | Mx | | 1.5 |
| 76 | MP2A | X | -28.241 | 3.5 |
| 77 | MP2A | Z | -48.915 | 3.5 |
| 78 | MP2A | Mx | .024 | 3.5 |
| 79 | MP2B | X | -28.241 | 1.5 |
| 80 | MP2B | Z | -48.915 | 1.5 |
| 81 | MP2B | Mx | .024 | 1.5 |
| 82 | MP2B | X | -28.241 | 3.5 |
| 83 | MP2B | Z | -48.915 | 3.5 |
| 84 | MP2B | Mx | .024 | 3.5 |
| 85 | MP2C | X | -13.04 | 1.5 |
| 86 | MP2C | Z | -22.586 | 1.5 |
| 87 | MP2C | Mx | 022 | 1.5 |
| 88 | MP2C | X | -13.04 | 3.5 |
| 89 | MP2C | Z | -22.586 | 3.5 |
| 90 | MP2C | Mx | 022 | 3.5 |
| 91 | 01 | X | -49.178 | 1 |
| 92 | 01 | 7 | -85.178 | 1 |
| 93 | 01 | Mx | 0 | 1 |
| 94 | MP2A | X | -12.406 | .5 |
| 95 | MP2A | Z | -21.487 | .5 |
| 96 | | Mx | -21.467 | .5 .5 |
| | MP2A | | 003 | .0 F |
| 97 | MP2B | X Z | -12.406 | .5 .5 |
| 98 | MP2B | | -21.487 | .5 |
| 99 | MP2B | Mx | 003 | .5 |
| 100 | MP2C | X | -7.102 | .5 |
| 101 | MP2C | Z | -12.301 | .5 |

Mount Analysis

Aug 11, 2021 10:30 AM Checked By:___

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|-----|--------------|-----------|--------------------|----------------|
| 102 | MP2C | Mx | .004 | .5 |
| 103 | MP3A | Χ | -24.308 | 2 |
| 104 | MP3A | Z | -42.102 | 2 |
| 105 | MP3A | Mx | 012 | 2 |
| 106 | MP3B | Χ | -24.308 | 2 |
| 107 | MP3B | Z | -42.102 | 2 |
| 108 | MP3B | Mx | 012 | 2 |
| 109 | MP3C | Χ | -17.717 | 2 |
| 110 | MP3C | Z | -30.687 | 2 |
| 111 | MP3C | Mx | .018 | 2 |
| 112 | MP4A | Χ | -23.909 | 2 |
| 113 | MP4A | Z | -41.412 | 2 |
| 114 | MP4A | Mx | 012 | 2 |
| 115 | MP4B | Χ | -23.909 | 2 |
| 116 | MP4B | Z | -41.412 | 2 |
| 117 | MP4B | Mx | 012 | 2 |
| 118 | MP4C | Χ | -16.122 | 2 |
| 119 | MP4C | Z | -27.925 | 2 |
| 120 | MP4C | Mx | .016 | 2 |
| 121 | 02 | Χ | -49.178 | 1 |
| 122 | 02 | Z | -85.178 | 1 |
| 123 | 02 | Mx | 0 | 1 |

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|----|--------------|-----------|--------------------|----------------|
| 1 | MP1B | Χ | 0 | .5 |
| 2 | MP1B | Z | -27.085 | .5 |
| 3 | MP1B | Mx | .029 | .5 |
| 4 | MP1B | Χ | 0 | 4.5 |
| 5 | MP1B | Z | -27.085 | 4.5 |
| 6 | MP1B | Mx | .029 | 4.5 |
| 7 | MP1C | Χ | 0 | .5 |
| 8 | MP1C | Z | -27.085 | .5 |
| 9 | MP1C | Mx | 029 | .5 |
| 10 | MP1C | Χ | 0 | 4.5 |
| 11 | MP1C | Z | -27.085 | 4.5 |
| 12 | MP1C | Mx | 029 | 4.5 |
| 13 | MP4B | Χ | 0 | .5 |
| 14 | MP4B | Z | -27.085 | .5 |
| 15 | MP4B | Mx | .029 | .5 |
| 16 | MP4B | Χ | 0 | 4.5 |
| 17 | MP4B | Z | -27.085 | 4.5 |
| 18 | MP4B | Mx | .029 | 4.5 |
| 19 | MP4C | Χ | 0 | .5 |
| 20 | MP4C | Z | -27.085 | .5 |
| 21 | MP4C | Mx | 029 | .5 |
| 22 | MP4C | Χ | 0 | 4.5 |
| 23 | MP4C | Z | -27.085 | 4.5 |
| 24 | MP4C | Mx | 029 | 4.5 |
| 25 | MP1A | Χ | 0 | .5 |
| 26 | MP1A | Z | -14.655 | .5 |
| 27 | MP1A | Mx | 0 | .5 |
| 28 | MP1A | Χ | 0 | 4.5 |
| 29 | MP1A | Z | -14.655 | 4.5 |
| 30 | MP1A | Mx | 0 | 4.5 |
| 31 | MP4A | Χ | 0 | .5 |

Mount Analysis

Aug 11, 2021 10:30 AM Checked By:___

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

| Member Point Loads (BLC 15 : Antenna Wi (0 Deg)) (Continued) | | | | | | |
|--|--------------|-----------|--------------------|----------------|--|--|
| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] | | |
| 32 | MP4A | Z | -14.655 | .5 | | |
| 33 | MP4A | Mx | 0 | .5 | | |
| 34 | MP4A | X | 0 | 4.5 | | |
| 35 | MP4A | Z | -14.655 | 4.5 | | |
| 36 | MP4A | Mx | 0 | 4.5 | | |
| 37 | MP3A | X | 0 | .5 | | |
| 38 | MP3A | Z | -24.994 | .5 | | |
| 39 | MP3A | Mx | .015 | .5 | | |
| 40 | MP3A | X | 0 | 4.5 | | |
| 41 | MP3A | Z | -24.994 | 4.5 | | |
| 42 | MP3A | Mx | .015 | 4.5 | | |
| 43 | MP3B | X | 0 | .5 | | |
| 44 | MP3B | Z | -19.411 | .5 | | |
| 45 | MP3B | Mx | .008 | .5 | | |
| 46 | MP3B | X | .008 | 4.5 | | |
| | | Z | | 4.5 | | |
| 47 | MP3B | | -19.411 | | | |
| 48 | MP3B | Mx V | .008 | 4.5 | | |
| 49 | MP3C | X Z | 0 | .5 | | |
| 50 | MP3C | | -19.411 | .5 | | |
| 51 | MP3C | Mx | 02 | .5 | | |
| 52 | MP3C | X | 0 | 4.5 | | |
| 53 | MP3C | Z | -19.411 | 4.5 | | |
| 54 | MP3C | Mx | 02 | 4.5 | | |
| 55 | MP3A | X | 0 | .5 | | |
| 56 | MP3A | Z | -24.994 | .5 | | |
| 57 | MP3A | Mx | 015 | .5 | | |
| 58 | MP3A | X | 0 | 4.5 | | |
| 59 | MP3A | Z | -24.994 | 4.5 | | |
| 60 | MP3A | Mx | 015 | 4.5 | | |
| 61 | MP3B | X | 0 | .5 | | |
| 62 | MP3B | Z | -19.411 | .5 | | |
| 63 | MP3B | Mx | .02 | .5 | | |
| 64 | MP3B | X | 0 | 4.5 | | |
| 65 | MP3B | Z | -19.411 | 4.5 | | |
| 66 | MP3B | Mx | .02 | 4.5 | | |
| 67 | MP3C | X | 0 | .5 | | |
| 68 | MP3C | Z | -19.411 | .5 | | |
| 69 | MP3C | Mx | 008 | .5 | | |
| 70 | MP3C | X | 0 | 4.5 | | |
| 71 | MP3C | Z | -19.411 | 4.5 | | |
| 72 | MP3C | Mx | 008 | 4.5 | | |
| 73 | MP2A | X | 0 | 1.5 | | |
| 74 | MP2A | Z | -15.021 | 1.5 | | |
| 75 | MP2A | Mx | 0 | 1.5 | | |
| 76 | MP2A | X | 0 | 3.5 | | |
| 77 | MP2A | Z | -15.021 | 3.5 | | |
| 78 | MP2A | Mx | 0 | 3.5 | | |
| 79 | MP2B | X | 0 | 1.5 | | |
| 80 | MP2B | Z | -8.744 | 1.5 | | |
| 81 | MP2B | Mx | .006 | 1.5 | | |
| 82 | MP2B | X | 0 | 3.5 | | |
| 83 | MP2B | Z | -8.744 | 3.5 | | |
| 84 | MP2B | Mx | .006 | 3.5 | | |
| 85 | MP2C | X | 0 | 1.5 | | |
| 86 | MP2C | Z | -8.744 | 1.5 | | |
| 87 | MP2C | Mx | 006 | 1.5 | | |
| 88 | MP2C | X | 0 | 3.5 | | |
| | 1711 20 | | J | 0.0 | | |

: Mount Analysis

Aug 11, 2021 10:30 AM Checked By:_

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|-----|--------------|-----------|--------------------|----------------|
| 89 | MP2C | Z | -8.744 | 3.5 |
| 90 | MP2C | Mx | 006 | 3.5 |
| 91 | 01 | Χ | 0 | 1 |
| 92 | 01 | Z | -24.487 | 1 |
| 93 | 01 | Mx | 0 | 1 |
| 94 | MP2A | Χ | 0 | .5 |
| 95 | MP2A | Z | -7.617 | .5 |
| 96 | MP2A | Mx | 0 | .5 |
| 97 | MP2B | X | 0 | .5 |
| 98 | MP2B | Z | -5.278 | .5 |
| 99 | MP2B | Mx | 001 | .5 |
| 100 | MP2C | Χ | 0 | .5 |
| 101 | MP2C | Z | -5.278 | .5 |
| 102 | MP2C | Mx | .001 | .5 |
| 103 | MP3A | Х | 0 | 2 |
| 104 | MP3A | Z | -12.987 | 2 |
| 105 | MP3A | Mx | 0 | 2 |
| 106 | MP3B | Χ | 0 | 2 |
| 107 | MP3B | Z | -10.145 | 2 |
| 108 | MP3B | Mx | 004 | 2 |
| 109 | MP3C | Х | 0 | 2 |
| 110 | MP3C | Z | -10.145 | 2 |
| 111 | MP3C | Mx | .004 | 2 |
| 112 | MP4A | Х | 0 | 2 |
| 113 | MP4A | Z | -12.987 | 2 |
| 114 | MP4A | Mx | 0 | 2 |
| 115 | MP4B | Х | 0 | 2 |
| 116 | MP4B | Z | -9.633 | 2 |
| 117 | MP4B | Mx | 004 | 2 |
| 118 | MP4C | Χ | 0 | 2 |
| 119 | MP4C | Z | -9.633 | 2 |
| 120 | MP4C | Mx | .004 | 2 |
| 121 | 02 | X | 0 | 1 |
| 122 | 02 | Z | -24.487 | 1 |
| 123 | 02 | Mx | 0 | 1 |

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|----|--------------|-----------|--------------------|----------------|
| 1 | MP1B | Χ | 13.186 | .5 |
| 2 | MP1B | Z | -22.839 | .5 |
| 3 | MP1B | Mx | .033 | .5 |
| 4 | MP1B | Χ | 13.186 | 4.5 |
| 5 | MP1B | Ζ | -22.839 | 4.5 |
| 6 | MP1B | Mx | .033 | 4.5 |
| 7 | MP1C | Χ | 14.256 | .5 |
| 8 | MP1C | Z | -24.692 | .5 |
| 9 | MP1C | Mx | 018 | .5 |
| 10 | MP1C | X | 14.256 | 4.5 |
| 11 | MP1C | Z | -24.692 | 4.5 |
| 12 | MP1C | Mx | 018 | 4.5 |
| 13 | MP4B | X | 13.186 | .5 |
| 14 | MP4B | Ζ | -22.839 | .5 |
| 15 | MP4B | Mx | .033 | .5 |
| 16 | MP4B | Χ | 13.186 | 4.5 |
| 17 | MP4B | Z | -22.839 | 4.5 |
| 18 | MP4B | Mx | .033 | 4.5 |

Company Designer Job Number Model Name

: Maser Consulting

Mount Analysis

Aug 11, 2021 10:30 AM Checked By:__

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|----|--------------|-----------|--------------------|----------------|
| 19 | MP4C | X | 14.256 | .5 |
| 20 | MP4C | Z | -24.692 | .5 |
| 21 | MP4C | Mx | 018 | .5 |
| 22 | MP4C | X | 14.256 | 4.5 |
| 23 | MP4C | Z | -24.692 | 4.5 |
| 24 | MP4C | Mx | 018 | 4.5 |
| 25 | MP1A | X Z | 8.811 | .5 |
| 26 | MP1A | | -15.261 | .5 |
| 27 | MP1A | Mx | 011 | .5 |
| 28 | MP1A | X | 8.811 | 4.5 |
| 29 | MP1A | Z | -15.261 | 4.5 |
| 30 | MP1A | Mx | 011 | 4.5 |
| 31 | MP4A | X | 8.811 | .5 |
| 32 | MP4A | Z | -15.261 | .5 |
| 33 | MP4A | Mx | 011 | .5 |
| 34 | MP4A | X | 8.811 | 4.5 |
| 35 | MP4A | Z | -15.261 | 4.5 |
| 36 | MP4A | Mx | 011 | 4.5 |
| 37 | MP3A | X | 11.567 | .5 |
| 38 | MP3A | Z | -20.034 | .5 |
| 39 | MP3A | Mx | .002 | .5 |
| 40 | MP3A | X | 11.567 | 4.5 |
| 41 | MP3A | Z | -20.034 | 4.5 |
| 42 | MP3A | Mx | .002 | 4.5 |
| 43 | MP3B | X | 8.775 | .5 |
| 44 | MP3B | Z | -15.199 | .5 |
| 45 | MP3B | Mx | .015 | .5 |
| 46 | MP3B | X | 8.775 | 4.5 |
| 47 | MP3B | Z | -15.199 | 4.5 |
| 48 | MP3B | Mx | .015 | 4.5 |
| 49 | MP3C | X | 11.567 | .5 |
| 50 | MP3C | Z | -20.034 | .5 |
| 51 | MP3C | Mx | 021 | .5 |
| 52 | MP3C | X | 11.567 | 4.5 |
| 53 | MP3C | Z | -20.034 | 4.5 |
| 54 | MP3C | Mx | 021 | 4.5 |
| 55 | MP3A | X | 11.567 | .5 |
| 56 | MP3A | Z | -20.034 | .5 |
| 57 | MP3A | Mx | 021 | .5 |
| 58 | MP3A | X | 11.567 | 4.5 |
| 59 | MP3A | Z | -20.034 | 4.5 |
| 60 | MP3A | Mx | 021 | 4.5 |
| 61 | MP3B | X | 8.775 | .5 |
| 62 | MP3B | Z | -15.199 | .5 |
| 63 | MP3B | Mx | .015 | .5 |
| 64 | MP3B | X | 8.775 | 4.5 |
| 65 | MP3B | Z | -15.199 | 4.5 |
| 66 | MP3B | Mx | .015 | 4.5 |
| 67 | MP3C | X | 11.567 | .5 |
| 68 | MP3C | Z | -20.034 | .5 |
| 69 | MP3C | Mx | .002 | .5 |
| 70 | MP3C | X | 11.567 | 4.5 |
| 71 | MP3C | Z | -20.034 | 4.5 |
| 72 | MP3C | Mx | .002 | 4.5 |
| 73 | MP2A | X | 6.464 | 1.5 |
| 74 | MP2A | Z | -11.197 | 1.5 |
| 75 | MP2A | Mx | 005 | 1.5 |

: Mount Analysis

Aug 11, 2021 10:30 AM Checked By:___

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|-----|--------------|-----------|--------------------|----------------|
| 76 | MP2A | X | 6.464 | 3.5 |
| 77 | MP2A | Z | -11.197 | 3.5 |
| 78 | MP2A | Mx | 005 | 3.5 |
| 79 | MP2B | X | 3.326 | 1.5 |
| 80 | MP2B | Z | -5.761 | 1.5 |
| 81 | MP2B | Mx | .006 | 1.5 |
| 82 | MP2B | X | 3.326 | 3.5 |
| 83 | MP2B | Z | -5.761 | 3.5 |
| 84 | MP2B | Mx | .006 | 3.5 |
| 85 | MP2C | X | 6.464 | 1.5 |
| 86 | MP2C | Z | -11.197 | 1.5 |
| 87 | MP2C | Mx | 005 | 1.5 |
| 88 | MP2C | X | 6.464 | 3.5 |
| 89 | MP2C | Z | -11.197 | 3.5 |
| 90 | MP2C | Mx | 005 | 3.5 |
| 91 | <u>O1</u> | X | 11.313 | 1 |
| 92 | O1 | Z | -19.594 | 1 |
| 93 | <u>O1</u> | Mx | 0 | 1 |
| 94 | MP2A | X | 3.419 | .5 |
| 95 | MP2A | Z | -5.922 | .5 |
| 96 | MP2A | Mx | .000855 | .5 |
| 97 | MP2B | X | 2.249 | .5 |
| 98 | MP2B | Z | -3.896 | .5 |
| 99 | MP2B | Mx | 001 | .5 |
| 100 | MP2C | X | 3.419 | .5 |
| 101 | MP2C | Z | -5.922 | .5 |
| 102 | MP2C | Mx | .000855 | .5 |
| 103 | MP3A | X | 6.02 | 2 |
| 104 | MP3A | Z | -10.427 | 2 |
| 105 | MP3A | Mx | .003 | 2 |
| 106 | MP3B | X | 4.599 | 2 |
| 107 | MP3B | Z | -7.965 | 2 |
| 108 | MP3B | Mx | 005 | 2 |
| 109 | MP3C | X | 6.02 | 2 |
| 110 | MP3C | Z | -10.427 | 2 |
| 111 | MP3C | Mx | .003 | 2 |
| 112 | MP4A | X | 5.935 | 2 |
| 113 | MP4A | Z | -10.279 | 2 |
| 114 | MP4A | Mx | .003 | 2 |
| 115 | MP4B | X | 4.258 | 2 |
| 116 | MP4B | Z | -7.375 | 2 |
| 117 | MP4B | Mx | 004 | 2 |
| 118 | MP4C | X | 5.935 | 2 |
| 119 | MP4C | Z | -10.279 | 2 |
| 120 | MP4C | Mx | .003 | 2 |
| 121 | 02 | X | 11.313 | 1 |
| 122 | 02 | Z | -19.594 | 1 |
| 123 | 02 | Mx | 0 | 1 |

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|---|--------------|-----------|--------------------|----------------|
| 1 | MP1B | X | 23.456 | .5 |
| 2 | MP1B | Z | -13.543 | .5 |
| 3 | MP1B | Mx | .029 | .5 |
| 4 | MP1B | Χ | 23.456 | 4.5 |
| 5 | MP1B | Z | -13.543 | 4.5 |

: Mount Analysis

Aug 11, 2021 10:30 AM Checked By:___

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

| 1110111 | iber Point Loads (BLC 17 : A | | | 1 1: F(1.0/1 |
|----------|------------------------------|-----------|--------------------|------------------|
| 6 | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
| 7 | MP1B | Mx | .029 | 4.5 |
| 8 | MP1C MP1C | X | 25.309 -14.612 | . <u>5</u> .5 |
| 9 | MP1C | Mx | 0 | .5 |
| 10 | MP1C | X | 25.309 | 4.5 |
| 11 | MP1C | Z | -14.612 | 4.5 |
| 12 | MP1C | Mx | 0 | 4.5 |
| 13 | MP4B | X | 23.456 | .5 |
| 14 | MP4B | Z | -13.543 | .5 |
| 15 | MP4B | Mx | .029 | .5 |
| 16 | MP4B | X | 23.456 | 4.5 |
| 17 | MP4B | Z | -13.543 | 4.5 |
| 18 | MP4B | Mx | .029 | 4.5 |
| 19 | MP4C | X | 25.309 | .5 |
| 20 | MP4C | Z | -14.612 | .5 |
| 21 | MP4C | Mx | 0 | .5 |
| 22 | MP4C | X | 25.309 | 4.5 |
| 23 | MP4C | Z | -14.612 | 4.5 |
| 24 | MP4C | Mx | 0 | 4.5 |
| 25 | MP1A | X | 20.4 | .5 |
| 26 | MP1A | Z | -11.778 | .5 |
| 27 | MP1A | Mx | 025 | .5 |
| 28 | MP1A | X | 20.4 | 4.5 |
| 29 | MP1A | Z | -11.778 | 4.5 |
| 30 | MP1A | Mx | 025 | 4.5 |
| 31 | MP4A | X | 20.4 | .5 |
| 32 | MP4A | Z | -11.778 | .5 |
| 33 | MP4A | Mx | 025 | .5 |
| 34 | MP4A | X | 20.4 | 4.5 |
| 35 | MP4A | Z | -11.778 | 4.5 |
| 36 | MP4A | Mx | 025 | 4.5 |
| 37 | MP3A | X | 16.81 | .5 |
| 38 | MP3A | Z | -9.706 | .5 |
| 39 | MP3A | Mx | 008 | .5 |
| 40 | MP3A | X | 16.81 | 4.5 |
| 41 | MP3A | Z | -9.706 | 4.5 |
| 42 | MP3A | Mx | 008 | 4.5 |
| 43 | MP3B | X | 16.81 | .5 |
| 44 | MP3B | Z | -9.706 | .5 |
| 45 | MP3B | Mx | .02 | .5 |
| 46 | MP3B | X | 16.81 | 4.5 |
| 47 | MP3B | Z | -9.706 | 4.5 |
| 48 | MP3B | Mx | .02 | 4.5 |
| 49 | MP3C | X | 21.646 | .5 |
| 50 | MP3C | Z | -12.497 | .5 |
| 51 | MP3C | Mx | 015 | .5 |
| 52 | MP3C | X | 21.646 | 4.5 |
| 53 | MP3C | | -12.497 | 4.5 |
| 54 | MP3C | Mx | 015 | 4.5 |
| 55 | MP3A | X | 16.81 -9.706 | .5 |
| 56 | MP3A | | | . <u>5</u> .5 |
| 57 58 | MP3A | Mx X | 02 16.81 | .5 4.5 |
| 59 | MP3A MP3A | Z | -9.706 | 4.5 |
| 60 | MP3A | Mx | -9.700 | 4.5 |
| 61 | MP3B | X | 16.81 | 4.5 .5 |
| 62 | MP3B | Z | -9.706 | .5 |
| 02 | IVIFOD | | -9.700 | .ე |

Mount Analysis

Aug 11, 2021 10:30 AM Checked By:___

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

| Wichia | er Point Loads (BLC 17 : P | | | |
|--------|----------------------------|-----------|--------------------|----------------|
| 00 | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
| 63 | MP3B | Mx | .008 | .5 |
| 64 | MP3B | X Z | 16.81 | 4.5 |
| 65 | MP3B | | -9.706 | 4.5 |
| 66 | MP3B | Mx | .008 | 4.5 |
| 67 | MP3C | X | 21.646 | .5 |
| 68 | MP3C | Z | -12.497 | .5 |
| 69 | MP3C | Mx | .015 | .5 |
| 70 | MP3C | X | 21.646 | 4.5 |
| 71 | MP3C | Z | -12.497 | 4.5 |
| 72 | MP3C | Mx | .015 | 4.5 |
| 73 | MP2A | X | 7.573 | 1.5 |
| 74 | MP2A | Z | -4.372 | 1.5 |
| 75 | MP2A | Mx | 006 | 1.5 |
| 76 | MP2A | X | 7.573 | 3.5 |
| 77 | MP2A | Z | -4.372 | 3.5 |
| 78 | MP2A | Mx | 006 | 3.5 |
| 79 | MP2B | X | 7.573 | 1.5 |
| 80 | MP2B | Z | -4.372 | 1.5 |
| 81 | MP2B | Mx | .006 | 1.5 |
| 82 | MP2B | X | 7.573 | 3.5 |
| 83 | MP2B | Z | -4.372 | 3.5 |
| 84 | MP2B | Mx | .006 | 3.5 |
| 85 | MP2C | X | 13.008 | 1.5 |
| 86 | MP2C | Z | -7.51 | 1.5 |
| 87 | MP2C | Mx | 0 | 1.5 |
| 88 | MP2C | X | 13.008 | 3.5 |
| 89 | MP2C | Z | -7.51 | 3.5 |
| 90 | MP2C | Mx | 0 | 3.5 |
| 91 | 01 | X | 16.371 | 1 |
| 92 | 01 | Z | -9.452 | 1 |
| 93 | 01 | Mx | 0 | 1 |
| 94 | MP2A | X | 4.571 | .5 |
| 95 | MP2A | Z | -2.639 | .5 |
| 96 | MP2A | Mx | .001 | .5 |
| 97 | MP2B | X | 4.571 | .5 |
| 98 | MP2B | Z | -2.639 | .5 |
| 99 | MP2B | Mx | 001 | .5 |
| 100 | MP2C | X | 6.597 | .5 |
| 101 | MP2C | Z | -3.809 | .5 |
| 102 | MP2C | Mx | 0 | .5 |
| 103 | MP3A | X | 8.786 | 2 |
| 104 | MP3A | Z | -5.072 | 2 |
| 105 | MP3A | Mx | .004 | 2 |
| 106 | MP3B | X | 8.786 | 2 2 |
| 107 | MP3B | Z | -5.072 | 2 |
| 108 | MP3B | Mx | 004 | 2 |
| 109 | MP3C | X | 11.247 | 2 |
| 110 | MP3C | 7 | -6.494 | 2 2 |
| 111 | MP3C | Mx | 0 | 2 |
| 112 | MP4A | X | 8.343 | 2 2 |
| 113 | MP4A | Z | -4.817 | 2 |
| 114 | MP4A | Mx | .004 | 2 |
| 115 | MP4B | X | 8.343 | 2 |
| 116 | MP4B | Z | -4.817 | 2 2 |
| 117 | MP4B | Mx | 004 | 2 |
| 117 | MP4B MP4C | X | 11.247 | 2 |
| 119 | MP4C MP4C | Z | -6.494 | 2 |
| 119 | IVIF4C | | -0.494 | |

: Mount Analysis

Aug 11, 2021 10:30 AM Checked By:___

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|-----|--------------|-----------|--------------------|----------------|
| 120 | MP4C | Mx | 0 | 2 |
| 121 | O2 | Χ | 16.371 | 1 |
| 122 | O2 | Z | -9.452 | 1 |
| 123 | O2 | Mx | 0 | 1 |

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|----------|--------------|-----------|--------------------|----------------|
| 1 | MP1B | X | 28.511 | .5 |
| 2 | MP1B | Z | 0 | .5 |
| 3 | MP1B | Mx | .018 | .5 |
| 4 | MP1B | Χ | 28.511 | 4.5 |
| 5 | MP1B | Z | 0 | 4.5 |
| 6 | MP1B | Mx | .018 | 4.5 |
| 7 | MP1C | X | 28.511 | .5 |
| 8 | MP1C | Z | 0 | .5 |
| 9 | MP1C | Mx | .018 | .5 |
| 10 | MP1C | X | 28.511 | 4.5 |
| 11 | MP1C | Z | 0 | 4.5 |
| 12 | MP1C | Mx | .018 | 4.5 |
| 13 | MP4B | X | 28.511 | .5 |
| 14 | MP4B | Z | 0 | .5 |
| 15 | MP4B | Mx | .018 | .5 |
| 16 | MP4B | X | 28.511 | 4.5 |
| 17 | MP4B | Z | 0 | 4.5 |
| 18 | MP4B | Mx | .018 | 4.5 |
| 19 | MP4C | X | 28.511 | .5 |
| 20 | MP4C | Z | 0 | .5 |
| 21 | MP4C | Mx | .018 | .5 |
| 22 | MP4C | X | 28.511 | 4.5 |
| 23 | MP4C | Z | 0 | 4.5 |
| 24 | MP4C | Mx | .018 | 4.5 |
| 25 | MP1A | X | 26.522 | .5 |
| 26 | MP1A | Z | 0 | .5 |
| 27 | MP1A | Mx | 033 | .5 |
| 28 | MP1A | X | 26.522 | 4.5 |
| 29 | MP1A | Z | 0 | 4.5 |
| 30 | MP1A | Mx | 033 | 4.5 |
| 31 | MP4A | X | 26.522 | .5 |
| 32 | MP4A | Z | 0 | .5 |
| 33 | MP4A | Mx | 033 | .5 |
| 34 35 | MP4A MP4A | X Z | 26.522 0 | 4.5 4.5 |
| 36 | MP4A MP4A | Mx | 033 | 4.5 |
| 37 | MP3A | X | 17.55 | .5 |
| 38 | MP3A | Z | 0 | .5 |
| 39 | MP3A MP3A | Mx | 015 | .5 .5 |
| 40 | MP3A | X | 17.55 | 4.5 |
| 41 | MP3A | Z | 0 | 4.5 |
| 42 | MP3A | Mx | 015 | 4.5 |
| 43 | MP3B | X | 23.133 | .5 |
| 44 | MP3B | Z | 0 | .5 |
| 45 | MP3B | Mx | .021 | .5 |
| 46 | MP3B | X | 23.133 | 4.5 |
| 47 | MP3B | Z | 0 | 4.5 |
| 48 | MP3B | Mx | .021 | 4.5 |
| 49 | MP3C | X | 23.133 | .5 |
| 45 | IVIF JU | | 20.100 | .ن |

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Aug 11, 2021 10:30 AM Checked By:__

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

| - III OIII IO | Marriage BLC 18 : | - | | L +: Fft 0/1 |
|---------------|---------------------|-------------|--------------------|------------------|
| 50 | Member Label MP3C | Direction Z | Magnitude[lb,k-ft] | Location[ft,%] |
| 51 | MP3C | Mx | 002 | . <u>5</u> .5 |
| 52 | MP3C | X | 23.133 | 4.5 |
| 53 | MP3C | Z | 0 | 4.5 |
| 54 | MP3C | Mx | 002 | 4.5 |
| 55 | MP3A | X | 17.55 | .5 |
| 56 | MP3A | Z | 0 | .5 |
| 57 | MP3A | Mx | 015 | .5 |
| 58 | MP3A | X | 17.55 | 4.5 |
| 59 | MP3A | Z | 0 | 4.5 |
| 60 | MP3A | Mx | 015 | 4.5 |
| 61 | MP3B | X | 23.133 | .5 |
| 62 | MP3B | Z | 0 | .5 |
| 63 | MP3B | Mx | 002 | .5 |
| 64 | MP3B | X | 23.133 | 4.5 |
| 65 | MP3B | Z | 0 | 4.5 |
| 66 | MP3B | Mx | 002 | 4.5 |
| 67 | MP3C | X | 23.133 | |
| 68 | MP3C | Z | 0 | .5 .5 |
| 69 | MP3C | Mx | .021 | .5 |
| 70 | MP3C | | 23.133 | 4.5 |
| 71 | MP3C | X Z | | 4.5 |
| 72 | | Mx | 0 .021 | 4.5 |
| 73 | MP3C | X | 6.652 | 1.5 |
| 74 | MP2A MP2A | Z | 0.032 | 1.5 |
| | | | | 1.5 |
| 75 | MP2A | Mx V | 006 | 3.5 |
| 76 | MP2A | X Z | 6.652 | |
| 77 | MP2A | | 006 | 3.5 3.5 |
| 78 | MP2A | Mx | 12.929 | 3.5 1.5 |
| 79 | MP2B | X | | 1.5 |
| 80 | MP2B | | 0 | |
| 81 | MP2B | Mx | .005 | 1.5 |
| 82 | MP2B | X Z | 12.929 | 3.5 |
| 83 | MP2B | | .005 | 3.5 3.5 |
| 84 | MP2B | Mx V | | |
| 85 | MP2C | X Z | 12.929 | 1.5 |
| 86 | MP2C | | 0 | 1.5 |
| 87 88 | MP2C | Mx X | .005 | 1.5 3.5 |
| 89 | MP2C MP2C | Z | 12.929 | 3.5 |
| 90 | | | .005 | 3.5 |
| 91 | MP2C O1 | Mx X | 17.042 | 3.5 |
| 92 | 01 | Z | 0 | 1 |
| 93 | <u> </u> | Mx | 0 | 1 |
| 94 | MP2A | X | 4.499 | .5 |
| | MP2A | Z | | .5 .5 |
| 95 96 | | Mx | 0 .001 | .5 .5 |
| 07 | MP2A | | | .3 |
| 97 98 | MP2B MP2B | X Z | 6.838 | .5 .5 |
| 98 | | | 000855 | .5 F |
| 100 | MP2B | Mx V | | .5 .5 |
| | MP2C | X Z | 6.838 | .3 |
| 101 | MP2C | | 0 | .5 .5 |
| 102 | MP2C | Mx | 000855 | .5 |
| 103 | MP3A | X | 9.198 | 2 2 |
| 104 | MP3A | | 0 | 2 |
| 105 | MP3A | Mx | .005 | 2 |
| 106 | MP3B | X | 12.04 | 2 |

: Mount Analysis

Aug 11, 2021 10:30 AM Checked By:_

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|-----|--------------|-----------|--------------------|----------------|
| 107 | MP3B | Z | 0 | 2 |
| 108 | MP3B | Mx | 003 | 2 |
| 109 | MP3C | X | 12.04 | 2 |
| 110 | MP3C | Z | 0 | 2 |
| 111 | MP3C | Mx | 003 | 2 |
| 112 | MP4A | X | 8.516 | 2 |
| 113 | MP4A | Z | 0 | 2 |
| 114 | MP4A | Mx | .004 | 2 |
| 115 | MP4B | X | 11.869 | 2 |
| 116 | MP4B | Z | 0 | 2 |
| 117 | MP4B | Mx | 003 | 2 |
| 118 | MP4C | X | 11.869 | 2 |
| 119 | MP4C | Z | 0 | 2 |
| 120 | MP4C | Mx | 003 | 2 |
| 121 | O2 | X | 17.042 | 1 |
| 122 | O2 | Z | 0 | 1 |
| 123 | O2 | Mx | 0 | 1 |

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|----|--------------|-----------|--------------------|----------------|
| 1 | MP1B | Χ | 25.309 | .5 |
| 2 | MP1B | Z | 14.612 | .5 |
| 3 | MP1B | Mx | 0 | .5 |
| 4 | MP1B | Χ | 25.309 | 4.5 |
| 5 | MP1B | Z | 14.612 | 4.5 |
| 6 | MP1B | Mx | 0 | 4.5 |
| 7 | MP1C | Χ | 23.456 | .5 |
| 8 | MP1C | Z | 13.543 | .5 |
| 9 | MP1C | Mx | .029 | .5 |
| 10 | MP1C | Χ | 23.456 | 4.5 |
| 11 | MP1C | Z | 13.543 | 4.5 |
| 12 | MP1C | Mx | .029 | 4.5 |
| 13 | MP4B | Χ | 25.309 | .5 |
| 14 | MP4B | Z | 14.612 | .5 |
| 15 | MP4B | Mx | 0 | .5 |
| 16 | MP4B | Χ | 25.309 | 4.5 |
| 17 | MP4B | Z | 14.612 | 4.5 |
| 18 | MP4B | Mx | 0 | 4.5 |
| 19 | MP4C | X | 23.456 | .5 |
| 20 | MP4C | Z | 13.543 | .5 |
| 21 | MP4C | Mx | .029 | .5 |
| 22 | MP4C | Χ | 23.456 | 4.5 |
| 23 | MP4C | Z | 13.543 | 4.5 |
| 24 | MP4C | Mx | .029 | 4.5 |
| 25 | MP1A | X | 20.4 | .5 |
| 26 | MP1A | Z | 11.778 | .5 |
| 27 | MP1A | Mx | 025 | .5 |
| 28 | MP1A | X | 20.4 | 4.5 |
| 29 | MP1A | Z | 11.778 | 4.5 |
| 30 | MP1A | Mx | 025 | 4.5 |
| 31 | MP4A | Χ | 20.4 | .5 |
| 32 | MP4A | Z | 11.778 | .5 |
| 33 | MP4A | Mx | 025 | .5 |
| 34 | MP4A | Χ | 20.4 | 4.5 |
| 35 | MP4A | Z | 11.778 | 4.5 |
| 36 | MP4A | Mx | 025 | 4.5 |

Mount Analysis

Aug 11, 2021 10:30 AM Checked By:_

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|----|--------------|-----------|--------------------|----------------|
| 37 | MP3A | X | 16.81 | .5 |
| 38 | MP3A | Z | 9.706 | .5 |
| 39 | MP3A | Mx | 02 | .5 |
| 40 | MP3A | Χ | 16.81 | 4.5 |
| 41 | MP3A | Z | 9.706 | 4.5 |
| 42 | MP3A | Mx | 02 | 4.5 |
| 43 | MP3B | X | 21.646 | .5 |
| 44 | MP3B | Z | 12.497 | .5 |
| 45 | MP3B | Mx | .015 | .5 |
| 46 | MP3B | X | 21.646 | 4.5 |
| 47 | MP3B | Z | 12.497 | 4.5 |
| 48 | MP3B | Mx | .015 | 4.5 |
| 49 | MP3C | X | 16.81 | .5 |
| 50 | MP3C | Z | 9.706 | .5 |
| 51 | MP3C | Mx | .008 | .5 |
| 52 | MP3C | X | 16.81 | 4.5 |
| 53 | MP3C | Z | 9.706 | 4.5 |
| 54 | MP3C | Mx | .008 | 4.5 |
| 55 | MP3A | X | 16.81 | .5 |
| 56 | MP3A | Z | 9.706 | .5 |
| 57 | MP3A | Mx | 008 | .5 |
| 58 | MP3A | X | 16.81 | 4.5 |
| 59 | MP3A | Z | 9.706 | 4.5 |
| 60 | MP3A | Mx | 008 | 4.5 |
| 61 | MP3B | Χ | 21.646 | .5 |
| 62 | MP3B | Z | 12.497 | .5 |
| 63 | MP3B | Mx | 015 | .5 |
| 64 | MP3B | X | 21.646 | 4.5 |
| 65 | MP3B | Z | 12.497 | 4.5 |
| 66 | MP3B | Mx | 015 | 4.5 |
| 67 | MP3C | X | 16.81 | .5 |
| 68 | MP3C | Z | 9.706 | .5 |
| 69 | MP3C | Mx | .02 | .5 |
| 70 | MP3C | X | 16.81 | 4.5 |
| 71 | MP3C | Z | 9.706 | 4.5 |
| 72 | MP3C | Mx | .02 | 4.5 |
| 73 | MP2A | X | 7.573 | 1.5 |
| 74 | MP2A | Z | 4.372 | 1.5 |
| 75 | MP2A | Mx | 006 | 1.5 |
| 76 | MP2A | X | 7.573 | 3.5 |
| 77 | MP2A | Z | 4.372 | 3.5 |
| 78 | MP2A | Mx | 006 | 3.5 |
| 79 | MP2B | X | 13.008 | 1.5 |
| 80 | MP2B | Z | 7.51 | 1.5 |
| 81 | MP2B | Mx | 0 | 1.5 |
| 82 | MP2B | X | 13.008 | 3.5 |
| 83 | MP2B | Z | 7.51 | 3.5 |
| 84 | MP2B | Mx | 0 | 3.5 |
| 85 | MP2C | X | 7.573 | 1.5 |
| 86 | MP2C | Z | 4.372 | 1.5 |
| 87 | MP2C | Mx | .006 | 1.5 |
| 88 | MP2C | X | 7.573 | 3.5 |
| 89 | MP2C | Z | 4.372 | 3.5 |
| 90 | MP2C | Mx | .006 | 3.5 |
| 91 | <u>O1</u> | X | 16.371 | 1 |
| 92 | 01 | Z | 9.452 | 1 |
| 93 | <u>O1</u> | Mx | 0 | 1 |

: Mount Analysis

Aug 11, 2021 10:30 AM Checked By:_

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|-----|--------------|-----------|--------------------|----------------|
| 94 | MP2A | X | 4.571 | .5 |
| 95 | MP2A | Z | 2.639 | .5 |
| 96 | MP2A | Mx | .001 | .5 |
| 97 | MP2B | X | 6.597 | .5 |
| 98 | MP2B | Z | 3.809 | .5 |
| 99 | MP2B | Mx | 0 | .5 |
| 100 | MP2C | X | 4.571 | .5 |
| 101 | MP2C | Z | 2.639 | .5 |
| 102 | MP2C | Mx | 001 | .5 |
| 103 | MP3A | X | 8.786 | 2 |
| 104 | MP3A | Z | 5.072 | 2 |
| 105 | MP3A | Mx | .004 | 2 |
| 106 | MP3B | X | 11.247 | 2 |
| 107 | MP3B | Z | 6.494 | 2 |
| 108 | MP3B | Mx | 0 | 2 |
| 109 | MP3C | X | 8.786 | 2 |
| 110 | MP3C | Z | 5.072 | 2 |
| 111 | MP3C | Mx | 004 | 2 |
| 112 | MP4A | X | 8.343 | 2 |
| 113 | MP4A | Z | 4.817 | 2 |
| 114 | MP4A | Mx | .004 | 2 |
| 115 | MP4B | X | 11.247 | 2 |
| 116 | MP4B | Z | 6.494 | 2 |
| 117 | MP4B | Mx | 0 | 2 |
| 118 | MP4C | X | 8.343 | 2 |
| 119 | MP4C | Z | 4.817 | 2 |
| 120 | MP4C | Mx | 004 | 2 |
| 121 | O2 | Χ | 16.371 | 1 |
| 122 | O2 | Z | 9.452 | 1 |
| 123 | O2 | Mx | 0 | 1 |

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|----|--------------|-----------|--------------------|----------------|
| 1 | MP1B | X | 14.256 | .5 |
| 2 | MP1B | Z | 24.692 | .5 |
| 3 | MP1B | Mx | 018 | .5 |
| 4 | MP1B | X | 14.256 | 4.5 |
| 5 | MP1B | Z | 24.692 | 4.5 |
| 6 | MP1B | Mx | 018 | 4.5 |
| 7 | MP1C | X | 13.186 | .5 |
| 8 | MP1C | Z | 22.839 | .5 |
| 9 | MP1C | Mx | .033 | .5 |
| 10 | MP1C | X | 13.186 | 4.5 |
| 11 | MP1C | Z | 22.839 | 4.5 |
| 12 | MP1C | Mx | .033 | 4.5 |
| 13 | MP4B | X | 14.256 | .5 |
| 14 | MP4B | Z | 24.692 | .5 |
| 15 | MP4B | Mx | 018 | .5 |
| 16 | MP4B | X | 14.256 | 4.5 |
| 17 | MP4B | Z | 24.692 | 4.5 |
| 18 | MP4B | Mx | 018 | 4.5 |
| 19 | MP4C | X | 13.186 | .5 |
| 20 | MP4C | Z | 22.839 | .5 |
| 21 | MP4C | Mx | .033 | .5 |
| 22 | MP4C | X | 13.186 | 4.5 |
| 23 | MP4C | Z | 22.839 | 4.5 |

: Mount Analysis

Aug 11, 2021 10:30 AM Checked By:___

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

| | T OHN LOUGS (BLO LO : | - | | |
|----|-----------------------|-----------|--------------------|----------------|
| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
| 24 | MP4C | Mx | .033 | 4.5 |
| 25 | MP1A | X | 8.811 | .5 |
| 26 | MP1A | Z | 15.261 | .5 |
| 27 | MP1A | Mx | 011 | .5 |
| 28 | MP1A | X | 8.811 | 4.5 |
| 29 | MP1A | Z | 15.261 | 4.5 |
| 30 | MP1A | Mx | 011 | 4.5 |
| 31 | MP4A | X | 8.811 | .5 |
| 32 | MP4A | Z | 15.261 | .5 |
| 33 | MP4A | Mx | 011 | .5 |
| 34 | MP4A | X | 8.811 | 4.5 |
| 35 | MP4A | Z | 15.261 | 4.5 |
| | | | | |
| 36 | MP4A | Mx | 011 | 4.5 |
| 37 | MP3A | X Z | 11.567 | .5 |
| 38 | MP3A | | 20.034 | .5 |
| 39 | MP3A | Mx | 021 | .5 |
| 40 | MP3A | X | 11.567 | 4.5 |
| 41 | MP3A | Z | 20.034 | 4.5 |
| 42 | MP3A | Mx | 021 | 4.5 |
| 43 | MP3B | X | 11.567 | .5 |
| 44 | MP3B | Z | 20.034 | .5 |
| 45 | MP3B | Mx | .002 | .5 |
| 46 | MP3B | X | 11.567 | 4.5 |
| 47 | MP3B | Z | 20.034 | 4.5 |
| 48 | MP3B | Mx | .002 | 4.5 |
| 49 | MP3C | X | 8.775 | .5 |
| 50 | MP3C | Z | 15.199 | .5 |
| 51 | MP3C | Mx | .015 | .5 |
| 52 | MP3C | X | 8.775 | 4.5 |
| 53 | MP3C | Z | 15.199 | 4.5 |
| 54 | MP3C | Mx | .015 | 4.5 |
| 55 | MP3A | X | 11.567 | .5 |
| 56 | MP3A | Z | 20.034 | .5 |
| 57 | MP3A | Mx | .002 | .5 |
| 58 | | | | 4.5 |
| | MP3A | X Z | 11.567 | |
| 59 | MP3A | | 20.034 | 4.5 |
| 60 | MP3A | Mx | .002 | 4.5 |
| 61 | MP3B | X | 11.567 | .5_ |
| 62 | MP3B | Z | 20.034 | .5 |
| 63 | MP3B | Mx | 021 | .5 |
| 64 | MP3B | X | 11.567 | 4.5 |
| 65 | MP3B | Z | 20.034 | 4.5 |
| 66 | MP3B | Mx | 021 | 4.5 |
| 67 | MP3C | X | 8.775 | .5 |
| 68 | MP3C | | 15.199 | .5 |
| 69 | MP3C | Mx | .015 | .5 |
| 70 | MP3C | X | 8.775 | 4.5 |
| 71 | MP3C | Z | 15.199 | 4.5 |
| 72 | MP3C | Mx | .015 | 4.5 |
| 73 | MP2A | X | 6.464 | 1.5 |
| 74 | MP2A | X | 11.197 | 1.5 |
| 75 | MP2A | Mx | 005 | 1.5 |
| 76 | MP2A | X | 6.464 | 3.5 |
| 77 | MP2A | Z | 11.197 | 3.5 |
| 78 | MP2A | Mx | 005 | 3.5 |
| 79 | MP2B | X | 6.464 | 1.5 |
| | | Z | | |
| 80 | MP2B | Z | 11.197 | 1.5 |

: Mount Analysis

Aug 11, 2021 10:30 AM Checked By:___

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

| Member Form Loads (BLC 20 : Antenna Wi (130 Deg)) (Continued) | | | | | |
|---|--------------|-----------|--------------------|----------------|--|
| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] | |
| 81 | MP2B | Mx | 005 | 1.5 | |
| 82 | MP2B | X | 6.464 | 3.5 | |
| 83 | MP2B | Z | 11.197 | 3.5 | |
| 84 | MP2B | Mx | 005 | 3.5 | |
| 85 | MP2C | X | 3.326 | 1.5 | |
| 86 | MP2C | Z | 5.761 | 1.5 | |
| 87 | MP2C | Mx | .006 | 1.5 | |
| 88 | MP2C | X | 3.326 | 3.5 | |
| 89 | MP2C | Z | 5.761 | 3.5 | |
| 90 | MP2C | Mx | .006 | 3.5 | |
| 91 | O1 | X | 11.313 | 1 | |
| 92 | O1 | Z | 19.594 | 1 | |
| 93 | 01 | Mx | 0 | 1 | |
| 94 | MP2A | X | 3.419 | .5 | |
| 95 | MP2A | Z | 5.922 | .5 | |
| 96 | MP2A | Mx | .000855 | .5 | |
| 97 | MP2B | X | 3.419 | .5 | |
| 98 | MP2B | Z | 5.922 | .5 | |
| 99 | MP2B | Mx | .000855 | .5 | |
| 100 | MP2C | X | 2.249 | .5 | |
| 101 | MP2C | Z | 3.896 | .5 | |
| 102 | MP2C | Mx | 001 | .5 | |
| 103 | MP3A | X | 6.02 | 2 | |
| 104 | MP3A | Z | 10.427 | 2 | |
| 105 | MP3A | Mx | .003 | 2 | |
| 106 | MP3B | X | 6.02 | 2 | |
| 107 | MP3B | Z | 10.427 | 2 | |
| 108 | MP3B | Mx | .003 | 2 | |
| 109 | MP3C | X | 4.599 | 2 | |
| 110 | MP3C | Z | 7.965 | 2 | |
| 111 | MP3C | Mx | 005 | 2 | |
| 112 | MP4A | X | 5.935 | 2 | |
| 113 | MP4A | Z | 10.279 | 2 | |
| 114 | MP4A | Mx | .003 | 2 | |
| 115 | MP4B | X | 5.935 | 2 | |
| 116 | MP4B | Z | 10.279 | 2 | |
| 117 | MP4B | Mx | .003 | 2 | |
| 118 | MP4C | X | 4.258 | 2 | |
| 119 | MP4C | Z | 7.375 | 2 | |
| 120 | MP4C | Mx | 004 | 2 | |
| 121 | O2 | X | 11.313 | 1 | |
| 122 | O2 | Z | 19.594 | 1 | |
| 123 | O2 | Mx | 0 | 1 | |

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|----|--------------|-----------|--------------------|----------------|
| 1 | MP1B | X | 0 | .5 |
| 2 | MP1B | Z | 27.085 | .5 |
| 3 | MP1B | Mx | 029 | .5 |
| 4 | MP1B | X | 0 | 4.5 |
| 5 | MP1B | Ζ | 27.085 | 4.5 |
| 6 | MP1B | Mx | 029 | 4.5 |
| 7 | MP1C | X | 0 | .5 |
| 8 | MP1C | Z | 27.085 | .5 |
| 9 | MP1C | Mx | .029 | .5 |
| 10 | MP1C | X | 0 | 4.5 |

Mount Analysis

Aug 11, 2021 10:30 AM Checked By:___

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

| Member Label | WICITIO | er Point Loads (BLC 21 : 7 | Antenna vvi (100 D | eg)) (Continueu) | |
|--|---------|----------------------------|--------------------|--------------------|----------------|
| 11 | | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
| 12 | 11 | MP1C | Z | 27.085 | |
| 13 | 12 | MP1C | | | |
| 14 | | | | | |
| 16 | | | 7 | | 5 |
| 16 | | | | | |
| 17 | | | | | |
| 18 | | | 7 | | |
| 19 | | | | | |
| 20 | | | | | |
| The color of the | | | <u> </u> | | .5 |
| 22 | | | | | |
| 23 MP4C Z 27.085 4.5 26 MP1A X 0 5 26 MP1A Z 14.655 5 27 MP1A MX 0 5 28 MP1A X 0 4.5 29 MP1A X 0 4.5 30 MP1A X 0 4.5 30 MP1A MX 0 5 31 MP4A X 0 5 32 MP4A X 0 5 32 MP4A X 0 5 34 MP4A X 0 4.5 35 MP4A X 0 4.5 35 MP4A X 0 4.5 37 MP3A X 0 4.5 38 MP3A X 0 4.5 40 MP3A X 0 4.5 <t< td=""><td></td><td></td><td></td><td></td><td>.5</td></t<> | | | | | .5 |
| 24 MP4C Mx 0,029 4,5 26 MP1A X 0 5 26 MP1A Z 14,655 .5 27 MP1A MX 0 .5 28 MP1A X 0 .5 29 MP1A X 0 .4,5 30 MP1A Mx 0 .4,5 31 MP4A X 0 .5 31 MP4A X 0 .5 32 MP4A X 0 .5 34 MP4A X 0 .5 34 MP4A X 0 .5 36 MP4A X 0 .5 38 MP3A X 0 .5 38 MP3A X 0 .5 39 MP3A X 0 .5 40 MP3A X 0 .5 < | | | X | | |
| 25 MP1A X 0 .5 26 MP1A Z 14,655 .5 27 MP1A Mx 0 .5 28 MP1A X 0 4.5 29 MP1A Z 14,655 4.5 30 MP1A MX 0 4.5 31 MP4A X 0 .5 32 MP4A X 0 .5 32 MP4A X 0 .5 34 MP4A X 0 .5 34 MP4A X 0 4.5 35 MP4A X 0 4.5 37 MP3A X 0 .5 38 MP3A X 0 .5 39 MP3A X 0 .5 39 MP3A X 0 4.5 40 MP3A X 0 4.5 | | | | | |
| 26 MP1A Z 14.655 5 27 MP1A Mx 0 .5 28 MP1A X 0 4.5 29 MP1A X 0 4.5 30 MP1A Mx 0 4.5 31 MP4A X 0 .5 32 MP4A Z 14.655 .5 33 MP4A X 0 .5 34 MP4A X 0 .5 34 MP4A X 0 .5 36 MP4A X 0 .5 36 MP4A X 0 .5 38 MP3A X 0 .5 38 MP3A X 0 .5 38 MP3A X 0 .5 40 MP3A X 0 .5 41 MP3A X 0 .5 <tr< td=""><td></td><td></td><td></td><td></td><td></td></tr<> | | | | | |
| 27 MP1A Mx 0 4.5 29 MP1A Z 14.655 4.5 30 MP1A MX 0 4.5 31 MP4A X 0 .5 32 MP4A X 0 .5 33 MP4A X 0 .5 34 MP4A X 0 .5 34 MP4A X 0 .5 35 MP4A X 0 4.5 36 MP4A X 0 4.5 37 MP3A X 0 4.5 38 MP3A X 0 5 39 MP3A X 0 5 39 MP3A X 0 4.5 40 MP3A X 0 4.5 41 MP3A Z 24.994 4.5 42 MP3A X 0 .5 | | | | | |
| 28 MP1A X 0 4.5 30 MP1A Z 14.655 4.5 30 MP1A Mx 0 4.5 31 MP4A X 0 .5 32 MP4A Z 14.655 .5 33 MP4A Mx 0 .5 34 MP4A X 0 .5 34 MP4A X 0 .45 35 MP4A X 0 .45 36 MP4A X 0 .45 36 MP4A Mx 0 .45 37 MP3A X 0 .5 38 MP3A X 0 .5 39 MP3A X 0 .5 40 MP3A X 0 .45 41 MP3A X 0 .5 41 MP3A X 0 .5 | | | | 14.655 | .5 |
| 29 MP1A Z 14.655 4.5 30 MP1A Mx 0 4.5 31 MP4A X 0 .5 32 MP4A Z 14.655 .5 33 MP4A Mx 0 .5 34 MP4A X 0 4.5 35 MP4A X 0 4.5 36 MP4A X 0 4.5 36 MP4A X 0 4.5 36 MP4A Mx 0 4.5 36 MP4A Mx 0 4.5 36 MP4A X 0 4.5 38 MP3A X 0 5 38 MP3A X 0 .5 39 MP3A X 0 4.5 40 MP3A X 0 4.5 41 MP3A X 0 4.5 </td <td>27</td> <td>MP1A</td> <td></td> <td>0</td> <td>.5</td> | 27 | MP1A | | 0 | .5 |
| 29 MP1A Z 14.655 4.5 30 MP1A Mx 0 4.5 31 MP4A X 0 .5 32 MP4A Z 14.655 .5 33 MP4A MX 0 4.5 34 MP4A X 0 4.5 35 MP4A X 0 4.5 36 MP4A X 0 4.5 37 MP3A X 0 5 38 MP3A X 0 4.5 40 MP3A X 0 4.5 40 MP3A X 0 4.5 </td <td>28</td> <td>MP1A</td> <td>X</td> <td>0</td> <td>4.5</td> | 28 | MP1A | X | 0 | 4.5 |
| 30 | | | Z | 14.655 | |
| 31 MP4A X 0 .5 32 MP4A Z 14.655 .5 33 MP4A Mx 0 .5 34 MP4A X 0 4.5 35 MP4A X 0 4.5 36 MP4A Mx 0 4.5 37 MP3A X 0 .5 38 MP3A X 0 .5 39 MP3A X 0 .5 40 MP3A X 0 4.5 41 MP3A X 0 4.5 41 MP3A X 0 4.5 42 MP3A X 0 .5 43 MP3B X 0 .5 44 MP3B X 0 .5 44 MP3B X 0 .5 45 MP3B Mx .008 .5 | | | | | |
| 32 MP4A Z 14.655 .5 33 MP4A Mx 0 .5 34 MP4A X 0 4.5 35 MP4A Z 14.655 4.5 36 MP4A Mx 0 4.5 37 MP3A X 0 .5 38 MP3A X 0 .5 39 MP3A X 0 .5 40 MP3A X 0 4.5 41 MP3A X 0 4.5 41 MP3A X 0 4.5 42 MP3A X 0 5 42 MP3A X 0 .5 43 MP3B X 0 .5 44 MP3B X 0 .5 45 MP3B X 0 4.5 47 MP3B X 0 4.5 | | | | | |
| 33 MP4A X 0 4.5 34 MP4A X 0 4.5 35 MP4A Z 14.655 4.5 36 MP4A Mx 0 4.5 37 MP3A X 0 .5 38 MP3A Z 24.994 .5 39 MP3A MX .015 .5 40 MP3A X 0 4.5 41 MP3A X 0 4.5 41 MP3A X 0 4.5 41 MP3A X 0 0 4.5 42 MP3A MX .015 4.5 4.5 43 MP3B X 0 0 5 44 MP3B X 0 0 5 44 MP3B X 0 4.5 4 47 MP3B X 0 4.5 4 </td <td></td> <td></td> <td>7</td> <td></td> <td>5</td> | | | 7 | | 5 |
| 34 MP4A X 0 4.5 35 MP4A Z 14.655 4.5 36 MP4A Mx 0 4.5 37 MP3A X 0 .5 38 MP3A Z 24.994 .5 39 MP3A Mx -0.015 .5 40 MP3A X 0 4.5 41 MP3A Z 24.994 4.5 42 MP3A X 0 4.5 42 MP3A X 0 5 42 MP3A X 0 .5 43 MP3B X 0 .5 44 MP3B X 0 .5 45 MP3B X 0 4.5 47 MP3B X 0 4.5 47 MP3B X 0 .5 49 MP3C X 0 .5 | | | | | |
| 35 MP4A Z 14.655 4.5 36 MP4A Mx 0 4.5 37 MP3A X 0 .5 38 MP3A Z 24.994 .5 39 MP3A MX 015 .5 40 MP3A X 0 4.5 41 MP3A Z 24.994 4.5 42 MP3A MX 015 4.5 43 MP3B X 0 .5 44 MP3B X 0 .5 44 MP3B X 10 .5 45 MP3B X 0 4.5 45 MP3B X 0 4.5 47 MP3B X 0 4.5 47 MP3B X 0 4.5 49 MP3B X 0 .5 50 MP3C X 0 .5< | | | | | .5 4 5 |
| 36 MP4A Mx 0 4.5 37 MP3A X 0 .5 38 MP3A Z 24.994 .5 39 MP3A MX .015 .5 40 MP3A X 0 4.5 41 MP3A Z 24.994 4.5 42 MP3A MX -0.15 4.5 42 MP3A MX -0.015 4.5 43 MP3B X 0 .5 44 MP3B X 0 .5 45 MP3B X 0 4.5 45 MP3B X 0 4.5 47 MP3B X 0 4.5 47 MP3B X 0 4.5 47 MP3B X 0 .5 48 MP3B X 0 .5 50 MP3C X 0 .5 </td <td></td> <td></td> <td></td> <td>•</td> <td></td> | | | | • | |
| 37 MP3A X 0 .5 38 MP3A Z 24.994 .5 39 MP3A Mx -015 .5 40 MP3A X 0 4.5 41 MP3A Z 24.994 4.5 41 MP3A MX -015 4.5 43 MP3B X 0 .5 44 MP3B Z 19.411 .5 45 MP3B X 0 4.5 45 MP3B X 0 4.5 47 MP3B X 0 4.5 47 MP3B X 0 4.5 47 MP3B X 0 5 48 MP3B X 0 .5 50 MP3C X 0 .5 50 MP3C X 0 .5 51 MP3C X 0 4.5 | | | | | |
| 38 MP3A Z 24,994 .5 39 MP3A Mx -015 .5 40 MP3A X 0 4.5 41 MP3A Z 24,994 4.5 42 MP3A MX 015 4.5 43 MP3B X 0 .5 44 MP3B X 0 .5 44 MP3B X 0 4.5 45 MP3B MX 008 .5 46 MP3B X 0 4.5 47 MP3B X 0 5 47 MP3B X 0 5 47 MP3B X 0 5 50 MP3C X 0 5 | | | | | |
| 39 MP3A Mx 015 .5 40 MP3A X 0 4.5 41 MP3A Z 24.994 4.5 42 MP3A Mx 015 4.5 43 MP3B X 0 .5 44 MP3B Z 19.411 .5 45 MP3B X 0 4.5 46 MP3B X 0 4.5 47 MP3B Z 19.411 4.5 48 MP3B X 0 4.5 49 MP3B X 0 .5 49 MP3C X 0 .5 50 MP3C X 0 .5 50 MP3C X 0 4.5 51 MP3C X 0 4.5 52 MP3C X 0 4.5 53 MP3C X 0 .5 </td <td></td> <td></td> <td>^ 7</td> <td></td> <td>.5</td> | | | ^ 7 | | .5 |
| 40 MP3A X 0 4.5 41 MP3A Z 24.994 4.5 42 MP3A Mx 015 4.5 43 MP3B X 0 .5 44 MP3B Z 19.411 .5 45 MP3B X 0 4.5 47 MP3B X 0 4.5 47 MP3B Z 19.411 4.5 48 MP3B Mx 008 4.5 49 MP3C X 0 .5 50 MP3C X 0 .5 50 MP3C X 0 .5 51 MP3C Mx .02 .5 52 MP3C X 0 4.5 53 MP3C X 0 4.5 53 MP3C X 0 .5 54 MP3A X 0 .5 | | | | | .5 |
| 41 MP3A Z 24.994 4.5 42 MP3A Mx 015 4.5 43 MP3B X 0 .5 44 MP3B Z 19.411 .5 45 MP3B MX 008 .5 46 MP3B X 0 4.5 47 MP3B Z 19.411 4.5 48 MP3B MX 008 4.5 49 MP3C X 0 .5 50 MP3C X 0 .5 51 MP3C X 0 .5 51 MP3C X 0 4.5 52 MP3C X 0 4.5 53 MP3C X 0 4.5 53 MP3C X 0 4.5 54 MP3C X 0 5 54 MP3A X 0 . | | | | | |
| 42 MP3A Mx 015 4.5 43 MP3B X 0 .5 44 MP3B Z 19.411 .5 45 MP3B Mx 008 .5 46 MP3B X 0 4.5 47 MP3B Z 19.411 4.5 48 MP3B Mx 008 4.5 49 MP3B Mx 008 4.5 49 MP3B Mx 008 4.5 50 MP3C X 0 .5 50 MP3C X 0 .5 51 MP3C X 0 4.5 52 MP3C X 0 4.5 53 MP3C X 0 4.5 54 MP3C X 0 4.5 54 MP3A X 0 .5 55 MP3A X 0 | | | | | |
| 43 MP3B X 0 .5 44 MP3B Z 19.411 .5 46 MP3B X 0 4.5 46 MP3B X 0 4.5 47 MP3B Z 19.411 4.5 48 MP3B Mx 008 4.5 49 MP3C X 0 .5 50 MP3C X 0 .5 50 MP3C X 0 .5 51 MP3C X 0 4.5 52 MP3C X 0 4.5 52 MP3C X 0 4.5 54 MP3C X 0 4.5 54 MP3C Mx .02 4.5 55 MP3A X 0 .5 56 MP3A X 0 .5 56 MP3A X 0 4.5 | | | | | |
| 44 MP3B Z 19.411 .5 45 MP3B Mx 008 .5 46 MP3B X 0 4.5 47 MP3B Z 19.411 4.5 48 MP3B Mx 008 4.5 49 MP3C X 0 .5 50 MP3C Z 19.411 .5 51 MP3C Mx .02 .5 52 MP3C X 0 4.5 53 MP3C X 0 4.5 54 MP3C Mx .02 4.5 55 MP3A X 0 .5 56 MP3A X 0 .5 57 MP3A X 0 <td< td=""><td></td><td></td><td></td><td></td><td></td></td<> | | | | | |
| 45 MP3B Mx 008 .5 46 MP3B X 0 4.5 47 MP3B Z 19.411 4.5 48 MP3B Mx 008 4.5 49 MP3C X 0 .5 50 MP3C Z 19.411 .5 51 MP3C Mx .02 .5 52 MP3C X 0 4.5 53 MP3C X 0 4.5 54 MP3C X 0 .5 54 MP3C X 0 .5 55 MP3A X 0 .5 56 MP3A X 0 .5 57 MP3A X 0 4.5 | | | X | | .5 |
| 46 MP3B X 0 4.5 47 MP3B Z 19.411 4.5 48 MP3B Mx 008 4.5 49 MP3C X 0 .5 50 MP3C X 0 .5 50 MP3C Mx .02 .5 51 MP3C Mx .02 .5 52 MP3C X 0 4.5 53 MP3C Z 19.411 4.5 54 MP3C Mx .02 4.5 54 MP3C Mx .02 4.5 54 MP3C Mx .02 4.5 55 MP3A X 0 .5 56 MP3A X 0 .5 57 MP3A X 0 4.5 58 MP3A X 0 4.5 59 MP3A X 0 <td< td=""><td></td><td></td><td></td><td></td><td></td></td<> | | | | | |
| 47 MP3B Z 19.411 4.5 48 MP3B Mx 008 4.5 49 MP3C X 0 .5 50 MP3C Z 19.411 .5 51 MP3C Mx .02 .5 52 MP3C X 0 4.5 53 MP3C Z 19.411 4.5 54 MP3C Mx .02 4.5 54 MP3C Mx .02 4.5 55 MP3A X 0 .5 56 MP3A X 0 .5 57 MP3A X 0 4.5 57 MP3A X 0 4.5 59 MP3A X 0 4.5 59 MP3A X 0 4.5 60 MP3A X 0 .5 61 MP3B X 0 | 45 | MP3B | | 008 | |
| 48 MP3B Mx 008 4.5 49 MP3C X 0 .5 50 MP3C Z 19.411 .5 51 MP3C Mx .02 .5 52 MP3C X 0 4.5 53 MP3C X 0 4.5 54 MP3C Mx .02 4.5 55 MP3A X 0 .5 56 MP3A X 0 .5 57 MP3A Mx .015 .5 58 MP3A X 0 4.5 59 MP3A X 0 4.5 60 MP3A X 0 .5 61 MP3B X 0 .5 62 MP3B X 0 .5 64 MP3B X 0 4.5 65 MP3B X 0 4.5 | 46 | MP3B | X | | |
| 49 MP3C X 0 .5 50 MP3C Z 19.411 .5 51 MP3C Mx .02 .5 52 MP3C X 0 4.5 53 MP3C X 0 4.5 54 MP3C Mx .02 4.5 54 MP3A X 0 .5 55 MP3A X 0 .5 56 MP3A X .015 .5 57 MP3A Mx .015 .5 58 MP3A X 0 4.5 59 MP3A X 0 4.5 60 MP3A X 0 .5 61 MP3B X 0 .5 62 MP3B X 0 .5 64 MP3B X 0 4.5 65 MP3B X 0 4.5 </td <td>47</td> <td>MP3B</td> <td>Z</td> <td>19.411</td> <td>4.5</td> | 47 | MP3B | Z | 19.411 | 4.5 |
| 49 MP3C X 0 .5 50 MP3C Z 19.411 .5 51 MP3C Mx .02 .5 52 MP3C X 0 4.5 53 MP3C X 0 4.5 54 MP3C Mx .02 4.5 55 MP3A X 0 .5 56 MP3A X 0 .5 57 MP3A Mx .015 .5 58 MP3A X 0 4.5 59 MP3A X 0 4.5 60 MP3A X 0 .5 61 MP3B X 0 .5 62 MP3B X 0 .5 64 MP3B X 0 4.5 65 MP3B X 0 4.5 66 MP3B X 0 4.5 <td>48</td> <td>MP3B</td> <td>Mx</td> <td>008</td> <td>4.5</td> | 48 | MP3B | Mx | 008 | 4.5 |
| 50 MP3C Z 19.411 .5 51 MP3C Mx .02 .5 52 MP3C X 0 4.5 53 MP3C Z 19.411 4.5 54 MP3C Mx .02 4.5 55 MP3A X 0 .5 56 MP3A Z 24.994 .5 57 MP3A Mx .015 .5 58 MP3A X 0 4.5 59 MP3A X 0 4.5 60 MP3A Mx .015 4.5 61 MP3B X 0 .5 62 MP3B X 0 .5 64 MP3B X 0 4.5 65 MP3B X 0 4.5 66 MP3B X 0 4.5 66 MP3B X 0 4 | 49 | | X | | .5 |
| 51 MP3C Mx .02 .5 52 MP3C X 0 4.5 53 MP3C Z 19.411 4.5 54 MP3C Mx .02 4.5 55 MP3A X 0 .5 56 MP3A Z 24.994 .5 57 MP3A Mx .015 .5 58 MP3A X 0 4.5 59 MP3A X 0 4.5 60 MP3A Mx .015 4.5 61 MP3B X 0 .5 62 MP3B X 0 .5 64 MP3B X 0 4.5 65 MP3B X 0 4.5 66 MP3B X 0 4.5 66 MP3B X 0 4.5 66 MP3B X 0 4.5 </td <td></td> <td>MP3C</td> <td>Z</td> <td>19.411</td> <td>.5</td> | | MP3C | Z | 19.411 | .5 |
| 52 MP3C X 0 4.5 53 MP3C Z 19.411 4.5 54 MP3C Mx .02 4.5 55 MP3A X 0 .5 56 MP3A Z 24.994 .5 57 MP3A Mx .015 .5 58 MP3A X 0 4.5 59 MP3A Z 24.994 4.5 60 MP3A Mx .015 4.5 61 MP3B X 0 .5 62 MP3B X 0 .5 63 MP3B X 0 4.5 64 MP3B X 0 4.5 65 MP3B X 0 4.5 66 MP3B X 0 4.5 66 MP3B X 0 4.5 | | | | | .5 |
| 53 MP3C Z 19.411 4.5 54 MP3C Mx .02 4.5 55 MP3A X 0 .5 56 MP3A Z 24.994 .5 57 MP3A Mx .015 .5 58 MP3A X 0 4.5 59 MP3A Z 24.994 4.5 60 MP3A Mx .015 4.5 61 MP3B X 0 .5 62 MP3B Z 19.411 .5 63 MP3B X 0 4.5 64 MP3B X 0 4.5 65 MP3B Z 19.411 4.5 66 MP3B Mx 02 4.5 | | | | | 4.5 |
| 54 MP3C Mx .02 4.5 55 MP3A X 0 .5 56 MP3A Z 24.994 .5 57 MP3A Mx .015 .5 58 MP3A X 0 4.5 59 MP3A Z 24.994 4.5 60 MP3A Mx .015 4.5 61 MP3B X 0 .5 62 MP3B Z 19.411 .5 63 MP3B X 0 4.5 64 MP3B X 0 4.5 65 MP3B Z 19.411 4.5 66 MP3B Mx 02 4.5 | | | 7 | | 4.5 |
| 55 MP3A X 0 .5 56 MP3A Z 24.994 .5 57 MP3A Mx .015 .5 58 MP3A X 0 4.5 59 MP3A Z 24.994 4.5 60 MP3A Mx .015 4.5 61 MP3B X 0 .5 62 MP3B Z 19.411 .5 63 MP3B X 0 4.5 64 MP3B X 0 4.5 65 MP3B Z 19.411 4.5 66 MP3B Mx 02 4.5 | 54 | | | 02 | 4.5 |
| 56 MP3A Z 24.994 .5 57 MP3A Mx .015 .5 58 MP3A X 0 4.5 59 MP3A Z 24.994 4.5 60 MP3A Mx .015 4.5 61 MP3B X 0 .5 62 MP3B Z 19.411 .5 63 MP3B X 0 4.5 64 MP3B X 0 4.5 65 MP3B Z 19.411 4.5 66 MP3B Mx 02 4.5 | | | | | 5 |
| 57 MP3A Mx .015 .5 58 MP3A X 0 4.5 59 MP3A Z 24.994 4.5 60 MP3A Mx .015 4.5 61 MP3B X 0 .5 62 MP3B Z 19.411 .5 63 MP3B X 0 4.5 64 MP3B X 0 4.5 65 MP3B Z 19.411 4.5 66 MP3B Mx 02 4.5 | | | 7 | | .5 5 |
| 58 MP3A X 0 4.5 59 MP3A Z 24.994 4.5 60 MP3A Mx .015 4.5 61 MP3B X 0 .5 62 MP3B Z 19.411 .5 63 MP3B Mx 02 .5 64 MP3B X 0 4.5 65 MP3B Z 19.411 4.5 66 MP3B Mx 02 4.5 | 57 | | | | .5 |
| 59 MP3A Z 24.994 4.5 60 MP3A Mx .015 4.5 61 MP3B X 0 .5 62 MP3B Z 19.411 .5 63 MP3B Mx 02 .5 64 MP3B X 0 4.5 65 MP3B Z 19.411 4.5 66 MP3B Mx 02 4.5 | 50 | IVIFOA | | | .0 1 E |
| 60 MP3A Mx .015 4.5 61 MP3B X 0 .5 62 MP3B Z 19.411 .5 63 MP3B Mx 02 .5 64 MP3B X 0 4.5 65 MP3B Z 19.411 4.5 66 MP3B Mx 02 4.5 | 50 | | Λ 7 | · · | 4.5 |
| 61 MP3B X 0 .5 62 MP3B Z 19.411 .5 63 MP3B Mx 02 .5 64 MP3B X 0 4.5 65 MP3B Z 19.411 4.5 66 MP3B Mx 02 4.5 | | | | | 4.5 |
| 62 MP3B Z 19.411 .5 63 MP3B Mx 02 .5 64 MP3B X 0 4.5 65 MP3B Z 19.411 4.5 66 MP3B Mx 02 4.5 | | | | | |
| 63 MP3B Mx 02 .5 64 MP3B X 0 4.5 65 MP3B Z 19.411 4.5 66 MP3B Mx 02 4.5 | 61 | | X | | .5 |
| 64 MP3B X 0 4.5 65 MP3B Z 19.411 4.5 66 MP3B Mx 02 4.5 | | | | | .5 |
| 65 MP3B Z 19.411 4.5 66 MP3B Mx 02 4.5 | | | Mx | | .5 |
| 66 MP3B Mx02 4.5 | | | X | | 4.5 |
| | | | | | |
| 67 MP3C X 0 .5 | | | | | 4.5 |
| | 67 | MP3C | X | 0 | .5 |

: Mount Analysis

Aug 11, 2021 10:30 AM Checked By:___

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|----------|--------------|-----------|--------------------|----------------|
| 68 | MP3C | Z | 19.411 | .5 |
| 69 | MP3C | Mx | .008 | .5 |
| 70 | MP3C | X | 0 | 4.5 |
| 71 | MP3C | Z | 19.411 | 4.5 |
| 72 | MP3C | Mx | .008 | 4.5 |
| 73 | MP2A | X | 0 | 1.5 |
| 74 | MP2A | Z | 15.021 | 1.5 |
| 75 | MP2A | Mx | 0 | 1.5 |
| 76 | MP2A | X Z | 0 | 3.5 |
| 77 | MP2A | Mx | 15.021 | 3.5 3.5 |
| 78 79 | MP2A | X | 0 | 1.5 |
| 80 | MP2B MP2B | Z | 8.744 | 1.5 |
| 81 | MP2B | Mx | 006 | 1.5 |
| 82 | MP2B | X | 0 | 3.5 |
| 83 | MP2B | Z | 8.744 | 3.5 |
| 84 | MP2B | Mx | 006 | 3.5 |
| 85 | MP2C | X | 0 | 1.5 |
| 86 | MP2C | Z | 8.744 | 1.5 |
| 87 | MP2C | Mx | .006 | 1.5 |
| 88 | MP2C | X | 0 | 3.5 |
| 89 | MP2C | Z | 8.744 | 3.5 |
| 90 | MP2C | Mx | .006 | 3.5 |
| 91 | 01 | X | 0 | 1 |
| 92 | 01 | Z | 24.487 | 1 |
| 93 | <u>O1</u> | Mx | 0 | 1 |
| 94 | MP2A | X | 0 | .5 |
| 95 | MP2A | Z | 7.617 | .5 |
| 96 | MP2A | Mx | 0 | .5 |
| 97 | MP2B | X | 0 | .5 |
| 98 | MP2B | Z | 5.278 | .5 |
| 99 | MP2B | Mx Y | .001 | .5 |
| 100 | MP2C | X Z | 0 5.278 | .5 |
| 101 | MP2C MP2C | Mx | 001 | .5 .5 |
| 102 | MP3A | X | 001 | 2 |
| 104 | MP3A | Z | 12.987 | 2 |
| 105 | MP3A | Mx | 0 | 2 |
| 106 | MP3B | X | Ö | 2 |
| 107 | MP3B | Z | 10.145 | 2 |
| 108 | MP3B | Mx | .004 | 2 |
| 109 | MP3C | X | 0 | 2 |
| 110 | MP3C | Z | 10.145 | 2 |
| 111 | MP3C | Mx | 004 | 2 |
| 112 | MP4A | X | 0 | 2 |
| 113 | MP4A | Z | 12.987 | 2 |
| 114 | MP4A | Mx | 0 | 2 |
| 115 | MP4B | X | 0 | 2 |
| 116 | MP4B | Z | 9.633 | 2 |
| 117 | MP4B | Mx | .004 | 2 |
| 118 | MP4C | X | 0 | 2 |
| 119 | MP4C | Z | 9.633 | 2 |
| 120 | MP4C | Mx | 004 | 2 |
| 121 | 02 | X | 0 | 1 |
| 122 | 02 | | 24.487 | 1 |
| 123 | 02 | Mx | 0 | 1 |

: Mount Analysis

Aug 11, 2021 10:30 AM Checked By:___

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

| 1 | | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|---|----|--------------|-----------|--------------------|----------------|
| 3 MP1B Mx -033 5 4 MP1B X -13,186 4.5 5 MP1B Z 22,839 4.5 6 MP1B Mx .033 4.5 7 MP1C X -14,256 5 8 MP1C X -14,256 5 9 MP1C Mx .018 .5 10 MP1C X -14,256 4.5 11 MP1C X -14,256 4.5 11 MP1C Mx .018 .5 11 MP1C Mx .018 .45 12 MP1C Mx .018 .45 13 MP4B X -13,186 5 14 MP4B X -13,186 5 15 MP4B X -13,186 4.5 17 MP4B X -13,186 4.5 17 MP4B < | | | | | .5 |
| 4 MP1B X -13,186 4.5 5 MP1B Z 22,339 4.5 6 MP1B Mx .033 4.5 7 MP1C X .14,256 .5 8 MP1C Z 24,692 .5 9 MP1C Mx .018 .5 10 MP1C X .14,256 4.5 11 MP1C X .14,256 4.5 12 MP1C MX .018 4.5 12 MP1C MX .018 4.5 12 MP1C MX .018 4.5 13 MP4B X .13,186 5 14 MP4B X .13,186 5 15 MP4B X .13,186 4.5 16 MP4B X .13,186 4.5 17 MP4B Z 22,2839 5 18 MP4B | | | | | .5 |
| 5 MP1B Z 22,839 4,5 7 MP1C X -14,256 .5 8 MP1C Z 24,692 .5 9 MP1C X -14,256 .5 10 MP1C X -14,256 .45 11 MP1C Z 24,692 .45 11 MP1C X -13,186 .5 12 MP1C MX .018 .45 13 MP4B X .13,186 .5 14 MP4B Z .22,839 .5 16 MP4B X .13,186 .45 17 MP4B X .13,386 .45 17 MP | | | | 033 | .5 |
| 6 MP1B Mx 033 4.5 7 MP1C X -14256 .5 8 MP1C Z 24.692 .5 9 MP1C X -14.256 .5 10 MP1C X -14.256 .45 11 MP1C X -14.256 .45 11 MP1C X -14.256 .45 12 MP1C Mx .018 .45 11 MP1C X -13.186 .45 13 MP4B X -13.186 .5 14 MP4B Z -22.839 .5 15 MP4B X -13.186 .45 17 MP4B Z -22.839 .45 18 MP4B Mx -0.33 .45 19 MP4B X -14.256 .5 20 MP4G X -14.256 .5 21 MP4G | | | X | | |
| T | | | | | |
| 8 MPIC Z 24,692 5 10 MPIC X -14,256 4,5 11 MPIC Z 24,692 4,5 12 MPIC X -13,266 -6 12 MPIC MX 018 4,5 13 MPBB X -13,186 .6 .5 14 MP4B Z 22,839 .5 .5 15 MP4B MX -033 .5 .5 16 MP4B X -13,186 4,5 .5 16 MP4B X -13,186 4,5 .5 .5 17 MP4B X -13,186 4,5 .5 .5 .5 .5 .5 .5 .22,289 4,5 .5 .22,289 4,5 .5 .22,289 4,5 .5 .2 .2 .46,692 .5 .5 .21 MP4C X .41,256 .4,5 .3 <td< td=""><td></td><td></td><td></td><td></td><td></td></td<> | | | | | |
| 9 | | | X | | .5 |
| 10 | | | | | .5 |
| 11 | | | Mx | | .5 |
| 12 | | | X | | |
| 13 MP4B Z 2.2839 5 16 MP4B Z 2.2839 5 16 MP4B X -0.33 .5 17 MP4B Z 2.2839 4.5 18 MP4B X -13.186 4.5 18 MP4B X -14.266 5.5 20 MP4C X -14.256 5.5 21 MP4C Mx .018 5.5 22 MP4C X -14.256 4.5 23 MP4C X -14.256 4.5 24 MP4C X -14.256 4.5 24 MP4C X -18.11 .5 25 MP1A X -8.811 .5 26 MP1 | | | | | |
| 14 MP4B Z 22,839 .5 16 MP4B Mx -033 .5 17 MP4B X -13,186 4.5 17 MP4B X -13,186 4.5 18 MP4B Mx -033 4.5 19 MP4C X -14,256 .5 20 MP4C Z 24,692 .5 21 MP4C Mx .018 .5 21 MP4C Mx .018 .5 22 MP4C X -14,256 .4.5 23 MP4C X -14,256 .4.5 24 MP4C X -14,256 .4.5 25 MP1A X -8,811 .5 26 <td< td=""><td></td><td></td><td></td><td>.018</td><td></td></td<> | | | | .018 | |
| 15 | | | X | -13.186 | .5 |
| 16 MP4B X -13.186 4.5 17 MP4B Z 22.839 4.5 18 MP4B Mx 033 4.5 19 MP4C X -14.256 .5 20 MP4C X -14.256 .5 21 MP4C MX .018 .5 21 MP4C MX .018 .5 22 MP4C X -14.256 .4.5 23 MP4C X -14.256 .4.5 24 MP4C MX .018 .5 24 MP4C MX .018 .4.5 24 MP4C MX .018 .4.5 25 MP1A X -8.811 .5 26 MP1A X -8.811 .5 27 MP1A MX .011 .5 28 MP1A X -8.811 .4.5 30 MP1A <td></td> <td></td> <td></td> <td></td> <td>.5</td> | | | | | .5 |
| 17 MP4B Z 22.839 4.5 19 MP4C X -14.256 .5 20 MP4C Z 24.692 .5 21 MP4C Mx .018 .5 22 MP4C Mx .018 .5 22 MP4C X -14.256 4.5 23 MP4C X -14.256 4.5 24 MP4C Mx .018 4.5 25 MP1A X -8.811 .5 26 MP1A X -8.811 .5 27 MP1A X -8.811 .5 27 MP1A X -8.811 .5 30 MP1A X -8.811 .5 31 MP4A | | | | | .5 |
| 18 MP4B Mx 033 4.5 19 MP4C X 14.256 .5 20 MP4C Z 24.692 .5 21 MP4C Mx .018 .5 22 MP4C X 14.256 .4.5 23 MP4C Z 24.692 .4.5 24 MP4C Mx .018 .4.5 24 MP4C Mx .018 .4.5 24 MP4C Mx .011 .5 25 MP1A X -8.811 .5 26 MP1A X -8.811 .5 27 MP1A Mx .011 .5 28 MP1A X -8.811 .5 29 MP1A X -8.811 .5 30 MP1A X -8.811 .5 31 MP4A X -8.811 .5 32 MP4A | | | | | |
| 19 MP4C X -14,256 .5 20 MP4C Z 24,692 .5 21 MP4C Mx .018 .5 22 MP4C X -14,256 4,5 23 MP4C Z 24,692 4,5 24 MP4C Mx .018 4,5 24 MP4C Mx .018 4,5 25 MP1A X -8,811 .5 26 MP1A X -8,811 .5 26 MP1A X -8,811 .5 27 MP1A Mx .011 .5 28 MP1A X -8,811 .45 30 MP1A X -8,811 .45 31 MP4A X -8,811 .5 32 MP4A X -8,811 .5 33 MP4A X -8,811 .45 34 MP4A | | | | | 4.5 |
| 20 MP4C Z 24,692 5 21 MP4C Mx .018 .5 22 MP4C X -14,256 4.5 23 MP4C Z 24,692 4.5 24 MP4C Mx .018 4.5 25 MP1A X -8,811 .5 26 MP1A Z 15,261 .5 27 MP1A Mx .011 .5 28 MP1A X -8,811 .45 29 MP1A X -8,811 .45 30 MP1A X -8,811 .45 31 MP4A X -8,811 .5 32 MP4A X -8,811 .5 33 MP4A X -8,811 .5 33 MP4A X -8,811 .5 34 MP4A X -8,811 .4,5 35 MP4A | | | | 033 | 4.5 |
| 21 MP4C Mx 018 .5 22 MP4C X -14,256 4.5 24 MP4C Z 24,692 4.5 24 MP4C Mx 018 4.5 24 MP4C Mx 018 4.5 24 MP4C Mx 018 4.5 25 MP1A X -8811 .5 26 MP1A X -8811 .5 27 MP1A Mx 011 .5 28 MP1A X -8811 .5 29 MP1A X -8811 .45 30 MP1A X -8811 .5 31 MP4A X -8811 .5 32 MP4A X -8811 .5 33 MP4A X -8811 .5 33 MP4A X -8811 .45 35 MP4A X | | | X | -14.256 | .5 |
| 22 MP4C X -14,256 4.5 23 MP4C Z 24,692 4.5 24 MP4C Mx .018 4.5 25 MP1A X -8,811 .5 26 MP1A X -8,811 .5 27 MP1A MX .011 .5 28 MP1A X -8,811 .5 29 MP1A X -8,811 .5 30 MP1A X -8,811 .5 31 MP4A X -8,811 .5 32 MP4A X -8,811 .5 33 MP4A X -8,811 .5 33 MP4A MX .011 .5 34 MP4A X -8,811 .45 35 MP4A X -8,811 .45 36 MP4A MX .011 .45 36 MP4A | | | | | .5 |
| 23 MP4C Z 24.692 4.5 24 MP4C Mx .018 4.5 25 MP1A X -8.811 .5 26 MP1A Z 15.261 .5 27 MP1A Mx .011 .5 28 MP1A X -8.811 4.5 29 MP1A Z 15.261 4.5 30 MP1A Mx .011 4.5 31 MP4A X -8.811 .5 32 MP4A X -8.811 .5 33 MP4A X -8.811 4.5 34 MP4A X -8.811 4.5 35 MP4A Mx .011 4.5 36 MP4A | | | | | .5 |
| 24 MP4C Mx .018 4.5 25 MP1A X -8.811 .5 26 MP1A Z 15.261 .5 27 MP1A MX .011 .5 28 MP1A X -8.811 4.5 29 MP1A Z 15.261 4.5 30 MP1A MX .011 4.5 31 MP4A X -8.811 .5 32 MP4A X -8.811 .5 32 MP4A X -8.811 .5 33 MP4A X -8.811 4.5 34 MP4A X -8.811 4.5 35 MP4A X -8.811 4.5 36 MP4A X -11.567 .5 38 MP3A X -11.567 .5 38 MP3A X -11.567 .5 39 MP3A | | | X | | 4.5 |
| 25 MP1A X -8.811 .5 26 MP1A Z 15.261 .5 27 MP1A Mx .011 .5 28 MP1A X -8.811 4.5 29 MP1A X -8.811 4.5 30 MP1A Mx .011 4.5 31 MP4A X -8.811 .5 32 MP4A Z 15.261 .5 33 MP4A X -8.811 .5 34 MP4A X -8.811 4.5 35 MP4A X -8.811 4.5 36 MP4A X -8.811 4.5 36 MP4A X -8.811 4.5 36 MP4A X -11.567 .5 38 MP3A X -11.567 .5 39 MP3A X -11.567 4.5 40 MP3A | | | | | 4.5 |
| 26 MP1A Z 15.261 .5 27 MP1A Mx .011 .5 28 MP1A X -8.811 4.5 29 MP1A X -8.811 4.5 30 MP1A Mx .011 4.5 31 MP4A X -8.811 .5 32 MP4A Z 15.261 .5 33 MP4A Mx .011 .5 34 MP4A Mx .011 .5 34 MP4A X -8.811 4.5 35 MP4A X -8.811 4.5 36 MP4A X -11.567 .5 38 MP3A X -11.567 .5 38 MP3A X -11.567 .5 39 MP3A X -11.567 .5 40 MP3A X -11.567 .5 41 MP3A | | | | | |
| 27 MP1A Mx .011 .5 28 MP1A X -8.811 4.5 29 MP1A X -8.811 4.5 30 MP1A Mx .011 4.5 31 MP4A X -8.811 .5 32 MP4A X -8.811 .5 33 MP4A Mx .011 .5 34 MP4A X -8.811 4.5 35 MP4A X -8.811 4.5 35 MP4A X -8.811 4.5 36 MP4A X -8.811 4.5 37 MP3A X -11.567 .5 38 MP3A X -11.567 .5 38 MP3A X -11.567 .5 40 MP3A X -11.567 4.5 41 MP3A X -11.567 4.5 41 MP3A <td></td> <td></td> <td>X</td> <td></td> <td>.5</td> | | | X | | .5 |
| 28 MP1A X -8.811 4.5 29 MP1A Z 15.261 4.5 30 MP4A Mx .011 4.5 31 MP4A X -8.811 .5 32 MP4A Mx .011 .5 33 MP4A Mx .011 .5 34 MP4A X -8.811 4.5 35 MP4A X -8.811 4.5 36 MP4A X -11.567 .5 38 MP3A X -11.567 .5 38 MP3A X -11.567 .5 39 MP3A X -11.567 .5 40 MP3A X -11.567 .5 40 MP3A X -11.567 4.5 41 MP3A X -11.567 4.5 41 MP3A X -11.567 4.5 44 MP3B </td <td></td> <td></td> <td></td> <td></td> <td></td> | | | | | |
| 29 MP1A Z 15.261 4.5 30 MP1A Mx .011 4.5 31 MP4A X -8.811 .5 32 MP4A Z 15.261 .5 33 MP4A Mx .011 .5 34 MP4A X -8.811 4.5 35 MP4A Z 15.261 4.5 36 MP4A X -11.567 .5 38 MP3A X -11.567 .5 38 MP3A X -11.567 .5 39 MP3A X -11.567 .5 39 MP3A X -11.567 .5 40 MP3A X -11.567 4.5 41 MP3A X -11.567 4.5 41 MP3A X -11.567 4.5 41 MP3A X -8.775 .5 44 MP3B </td <td></td> <td></td> <td></td> <td></td> <td>.5</td> | | | | | .5 |
| 30 MP1A Mx .011 4.5 31 MP4A X -8.811 .5 32 MP4A Z 15.261 .5 33 MP4A Mx .011 .5 34 MP4A X -8.811 4.5 35 MP4A X -8.811 4.5 36 MP4A X -15.261 4.5 36 MP4A Mx .011 4.5 37 MP3A X -11.567 .5 38 MP3A X -11.567 .5 38 MP3A X -11.567 .5 39 MP3A X -11.567 .5 40 MP3A X -11.567 .5 41 MP3A X -11.567 .4.5 41 MP3A X -15.59 .5 42 MP3A X -8.775 .5 44 MP3B <td></td> <td></td> <td>X 7</td> <td></td> <td>4.5</td> | | | X 7 | | 4.5 |
| 31 MP4A Z 15.261 .5 32 MP4A Z 15.261 .5 33 MP4A Mx .011 .5 34 MP4A X -8.811 4.5 35 MP4A X -8.811 4.5 36 MP4A Mx .011 4.5 37 MP3A X -11.567 .5 38 MP3A X -11.567 .5 39 MP3A X -11.567 4.5 40 MP3A X -11.567 4.5 41 MP3A X -11.567 4.5 41 MP3A X -11.567 4.5 41 MP3A X -11.567 4.5 42 MP3A X -8.775 .5 43 MP3B X -8.775 .5 45 MP3B X -8.775 4.5 47 MP3B< | | | | | 4.5 |
| 32 MP4A Z 15.261 .5 33 MP4A Mx .011 .5 34 MP4A X -8.811 4.5 35 MP4A Z 15.261 4.5 36 MP4A Mx .011 4.5 37 MP3A X -11.567 .5 38 MP3A X -11.567 .5 39 MP3A X -11.567 4.5 40 MP3A X -11.567 4.5 41 MP3A X -11.567 4.5 41 MP3A X -20.034 4.5 42 MP3A Mx 002 4.5 43 MP3B X -8.775 .5 44 MP3B X -8.775 .5 45 MP3B X -8.775 4.5 47 MP3B X -8.775 4.5 46 MP3B< | | | | | |
| 33 MP4A Mx .011 .5 34 MP4A X -8.811 4.5 35 MP4A Z 15.261 4.5 36 MP4A Mx .011 4.5 37 MP3A X -11.567 .5 38 MP3A Z 20.034 .5 39 MP3A Mx 002 .5 40 MP3A X -11.567 4.5 41 MP3A X -11.567 4.5 41 MP3A X -11.567 4.5 41 MP3A X -11.567 4.5 42 MP3A Mx 002 4.5 43 MP3B X -8.775 .5 44 MP3B X -8.775 .5 45 MP3B X -8.775 4.5 46 MP3B X -8.775 4.5 48 MP3B </td <td></td> <td></td> <td></td> <td></td> <td>.5</td> | | | | | .5 |
| 34 MP4A X -8.811 4.5 35 MP4A Z 15.261 4.5 36 MP4A Mx .011 4.5 37 MP3A X -11.567 .5 38 MP3A Z 20.034 .5 39 MP3A Mx 002 .5 40 MP3A X -11.567 4.5 41 MP3A X -11.567 4.5 41 MP3A X -11.567 4.5 42 MP3A Mx 002 4.5 43 MP3B X -8.775 .5 44 MP3B X -8.775 .5 44 MP3B X -8.775 4.5 45 MP3B X -8.775 4.5 47 MP3B X -8.775 4.5 48 MP3B X -11.567 .5 50 MP3C< | | | | | .5 |
| 35 MP4A Z 15.261 4.5 36 MP4A Mx .011 4.5 37 MP3A X -11.567 .5 38 MP3A Z 20.034 .5 39 MP3A Mx 002 .5 40 MP3A X -11.567 4.5 41 MP3A X -11.567 4.5 41 MP3A X -11.567 4.5 42 MP3A Mx 002 4.5 43 MP3B X -8.775 .5 44 MP3B X -8.775 .5 45 MP3B X -8.775 4.5 46 MP3B X -8.775 4.5 47 MP3B X -8.775 4.5 48 MP3B X -8.775 4.5 49 MP3C X -11.567 .5 50 MP3C< | | | | | .5 |
| 36 MP4A Mx .011 4.5 37 MP3A X -11.5667 .5 38 MP3A Z 20.034 .5 39 MP3A Mx 002 .5 40 MP3A X -11.567 4.5 41 MP3A Z 20.034 4.5 42 MP3A Mx 002 4.5 43 MP3B X -8.775 .5 44 MP3B Z 15.199 .5 45 MP3B X -8.775 4.5 46 MP3B X -8.775 4.5 47 MP3B X -8.775 4.5 47 MP3B X -8.775 4.5 48 MP3B X -11.567 .5 49 MP3C X -11.567 .5 50 MP3C X -11.567 .5 50 MP3C </td <td></td> <td></td> <td>7</td> <td></td> <td></td> | | | 7 | | |
| 37 MP3A X -11.567 .5 38 MP3A Z 20.034 .5 39 MP3A Mx 002 .5 40 MP3A X -11.567 4.5 41 MP3A Z 20.034 4.5 42 MP3A Mx 002 4.5 43 MP3B X -8.775 .5 44 MP3B Z 15.199 .5 45 MP3B X -8.775 4.5 46 MP3B X -8.775 4.5 47 MP3B X -8.775 4.5 47 MP3B X -8.775 4.5 48 MP3B X -8.775 4.5 49 MP3B X -11.567 .5 50 MP3C X -11.567 .5 50 MP3C X -11.567 4.5 50 MP3C< | | | | | |
| 38 MP3A Z 20.034 .5 39 MP3A Mx 002 .5 40 MP3A X -11.567 4.5 41 MP3A Z 20.034 4.5 42 MP3A Mx 002 4.5 43 MP3B X -8.775 .5 44 MP3B Z 15.199 .5 45 MP3B Mx 015 .5 46 MP3B X -8.775 4.5 47 MP3B X -8.775 4.5 47 MP3B X -8.775 4.5 47 MP3B X -8.775 4.5 48 MP3B X -015 4.5 49 MP3C X -11.567 .5 50 MP3C X -11.567 .5 51 MP3C X -11.567 4.5 54 MP3C <td></td> <td></td> <td></td> <td></td> <td></td> | | | | | |
| 39 MP3A Mx 002 .5 40 MP3A X -11.567 4.5 41 MP3A Z 20.034 4.5 42 MP3A Mx 002 4.5 43 MP3B X -8.775 .5 44 MP3B Z 15.199 .5 45 MP3B MX 015 .5 46 MP3B X -8.775 4.5 47 MP3B X -8.775 4.5 48 MP3B X -15.199 4.5 48 MP3B MX 015 4.5 49 MP3C X -11.567 .5 50 MP3C X -11.567 .5 51 MP3C X -11.567 4.5 52 MP3C X -11.567 4.5 53 MP3C X -11.567 5 54 MP3A | | | 7 | | .5 |
| 40 MP3A X -11.567 4.5 41 MP3A Z 20.034 4.5 42 MP3A Mx 002 4.5 43 MP3B X -8.775 .5 44 MP3B Z 15.199 .5 45 MP3B MX 015 .5 46 MP3B X -8.775 4.5 47 MP3B Z 15.199 4.5 48 MP3B MX 015 4.5 49 MP3C X -11.567 .5 50 MP3C Z 20.034 .5 51 MP3C MX .021 .5 52 MP3C X -11.567 4.5 53 MP3C X -11.567 4.5 54 MP3C MX .021 4.5 55 MP3A X -11.567 .5 56 MP3A X -11.567 .5 | | | | | .5 |
| 41 MP3A Z 20.034 4.5 42 MP3A Mx 002 4.5 43 MP3B X -8.775 .5 44 MP3B Z 15.199 .5 45 MP3B MX 015 .5 46 MP3B X -8.775 4.5 47 MP3B Z 15.199 4.5 48 MP3B MX 015 4.5 49 MP3C X -11.567 .5 50 MP3C Z 20.034 .5 51 MP3C Mx .021 .5 52 MP3C X -11.567 4.5 53 MP3C X -20.034 4.5 54 MP3C Mx .021 4.5 55 MP3A X -11.567 .5 56 MP3A Z 20.034 .5 | | | | | 1.5 |
| 42 MP3A Mx 002 4.5 43 MP3B X -8.775 .5 44 MP3B Z 15.199 .5 45 MP3B Mx 015 .5 46 MP3B X -8.775 4.5 47 MP3B Z 15.199 4.5 48 MP3B Mx 015 4.5 49 MP3C X -11.567 .5 50 MP3C Z 20.034 .5 51 MP3C Mx .021 .5 52 MP3C X -11.567 4.5 53 MP3C X -11.567 4.5 54 MP3C Mx .021 4.5 55 MP3A X -11.567 .5 56 MP3A Z 20.034 .5 | | | | | |
| 43 MP3B X -8.775 .5 44 MP3B Z 15.199 .5 45 MP3B Mx 015 .5 46 MP3B X -8.775 4.5 47 MP3B Z 15.199 4.5 48 MP3B Mx 015 4.5 49 MP3C X -11.567 .5 50 MP3C Z 20.034 .5 51 MP3C Mx .021 .5 52 MP3C X -11.567 4.5 53 MP3C X -11.567 4.5 54 MP3C Mx .021 4.5 55 MP3A X -11.567 .5 56 MP3A Z 20.034 .5 | | | | | |
| 45 MP3B Mx 015 .5 46 MP3B X -8.775 4.5 47 MP3B Z 15.199 4.5 48 MP3B Mx 015 4.5 49 MP3C X -11.567 .5 50 MP3C Z 20.034 .5 51 MP3C MX .021 .5 52 MP3C X -11.567 4.5 53 MP3C Z 20.034 4.5 54 MP3C Mx .021 4.5 55 MP3A X -11.567 .5 56 MP3A Z 20.034 .5 | | | | | |
| 45 MP3B Mx 015 .5 46 MP3B X -8.775 4.5 47 MP3B Z 15.199 4.5 48 MP3B Mx 015 4.5 49 MP3C X -11.567 .5 50 MP3C Z 20.034 .5 51 MP3C MX .021 .5 52 MP3C X -11.567 4.5 53 MP3C Z 20.034 4.5 54 MP3C Mx .021 4.5 55 MP3A X -11.567 .5 56 MP3A Z 20.034 .5 | | | 7 | | .5 |
| 46 MP3B X -8.775 4.5 47 MP3B Z 15.199 4.5 48 MP3B Mx 015 4.5 49 MP3C X -11.567 .5 50 MP3C Z 20.034 .5 51 MP3C Mx .021 .5 52 MP3C X -11.567 4.5 53 MP3C Z 20.034 4.5 54 MP3C Mx .021 4.5 55 MP3A X -11.567 .5 56 MP3A Z 20.034 .5 | | | | | .5 |
| 47 MP3B Z 15.199 4.5 48 MP3B Mx 015 4.5 49 MP3C X -11.567 .5 50 MP3C Z 20.034 .5 51 MP3C Mx .021 .5 52 MP3C X -11.567 4.5 53 MP3C Z 20.034 4.5 54 MP3C Mx .021 4.5 55 MP3A X -11.567 .5 56 MP3A Z 20.034 .5 | | | | | 4.5 |
| 48 MP3B Mx 015 4.5 49 MP3C X -11.567 .5 50 MP3C Z 20.034 .5 51 MP3C Mx .021 .5 52 MP3C X -11.567 4.5 53 MP3C Z 20.034 4.5 54 MP3C Mx .021 4.5 55 MP3A X -11.567 .5 56 MP3A Z 20.034 .5 | | | | | |
| 49 MP3C X -11.567 .5 50 MP3C Z 20.034 .5 51 MP3C Mx .021 .5 52 MP3C X -11.567 4.5 53 MP3C Z 20.034 4.5 54 MP3C Mx .021 4.5 55 MP3A X -11.567 .5 56 MP3A Z 20.034 .5 | | | | | |
| 50 MP3C Z 20.034 .5 51 MP3C Mx .021 .5 52 MP3C X -11.567 4.5 53 MP3C Z 20.034 4.5 54 MP3C Mx .021 4.5 55 MP3A X -11.567 .5 56 MP3A Z 20.034 .5 | | | X | | .5 |
| 51 MP3C Mx .021 .5 52 MP3C X -11.567 4.5 53 MP3C Z 20.034 4.5 54 MP3C Mx .021 4.5 55 MP3A X -11.567 .5 56 MP3A Z 20.034 .5 | | | Z | | .5 |
| 52 MP3C X -11.567 4.5 53 MP3C Z 20.034 4.5 54 MP3C Mx .021 4.5 55 MP3A X -11.567 .5 56 MP3A Z 20.034 .5 | | | | | .5 |
| 53 MP3C Z 20.034 4.5 54 MP3C Mx .021 4.5 55 MP3A X -11.567 .5 56 MP3A Z 20.034 .5 | | | | | 4.5 |
| 54 MP3C Mx .021 4.5 55 MP3A X -11.567 .5 56 MP3A Z 20.034 .5 | | | Z | | |
| 55 MP3A X -11.567 .5 56 MP3A Z 20.034 .5 | 54 | | | | |
| 56 MP3A Z 20.034 .5 | | | | | |
| 57 MP3A Mx .021 .5 | | | Z | | .5 |
| | | | Mx | | .5 |

: Mount Analysis

Aug 11, 2021 10:30 AM Checked By:__

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|-----|--------------|-----------|--------------------|----------------|
| 58 | MP3A | X | -11.567 | 4.5 |
| 59 | MP3A | Z | 20.034 | 4.5 |
| 60 | MP3A | Mx | .021 | 4.5 |
| 61 | MP3B | X | -8.775 | .5 |
| 62 | MP3B | Z | 15.199 | .5 |
| 63 | MP3B | Mx | 015 | .5 |
| 64 | MP3B | X | -8.775 | 4.5 |
| 65 | MP3B | Z | 15.199 | 4.5 |
| 66 | MP3B | Mx | 015 | 4.5 |
| 67 | MP3C | X | -11.567 | .5 |
| 68 | MP3C | Z | 20.034 | .5 |
| 69 | MP3C | Mx | 002 | .5 |
| 70 | MP3C | X | -11.567 | 4.5 |
| 71 | MP3C | Z | 20.034 | 4.5 |
| 72 | MP3C | Mx | 002 | 4.5 |
| 73 | MP2A | X | -6.464 | 1.5 |
| 74 | MP2A | Z | 11.197 | 1.5 |
| 75 | MP2A | Mx | .005 | 1.5 |
| 76 | MP2A | X | -6.464 | 3.5 |
| 77 | MP2A | Z | 11.197 | 3.5 |
| 78 | MP2A | Mx | .005 | 3.5 |
| 79 | MP2B | X | -3.326 | 1.5 |
| 80 | MP2B | Z | 5.761 | 1.5 |
| 81 | MP2B | Mx | 006 | 1.5 |
| 82 | MP2B | X | -3.326 | 3.5 |
| 83 | MP2B | Z | 5.761 | 3.5 |
| 84 | MP2B | Mx | 006 | 3.5 |
| 85 | MP2C | X | -6.464 | 1.5 |
| 86 | MP2C | Z | 11.197 | 1.5 |
| 87 | MP2C | Mx | .005 | 1.5 |
| 88 | MP2C | X | -6.464 | 3.5 |
| 89 | MP2C | Z | 11.197 | 3.5 |
| 90 | MP2C | Mx | .005 | 3.5 |
| 91 | O1 | X | -11.313 | 1 |
| 92 | 01 | Z | 19.594 | 1 |
| 93 | <u>O1</u> | Mx | 0 | 1 |
| 94 | MP2A | X | -3.419 | .5 |
| 95 | MP2A | Z | 5.922 | .5 |
| 96 | MP2A | Mx | 000855 | .5 |
| 97 | MP2B | X | -2.249 | .5 |
| 98 | MP2B | Z | 3.896 | .5 |
| 99 | MP2B | Mx | .001 | .5 |
| 100 | MP2C | X | -3.419 | .5 |
| 101 | MP2C | Z | 5.922 | .5 |
| 102 | MP2C | Mx | 000855 | .5 |
| 103 | MP3A | X | -6.02 | 2 |
| 104 | MP3A | Z | 10.427 | 2 |
| 105 | MP3A | Mx | 003 | 2 2 |
| 106 | MP3B | X | -4.599 | 2 |
| 107 | MP3B | Z | 7.965 | 2 2 |
| 108 | MP3B | Mx | .005 | 2 |
| 109 | MP3C | X | -6.02 | 2 2 |
| 110 | MP3C | Z | 10.427 | 2 |
| 111 | MP3C | Mx | 003 | 2 |
| 112 | MP4A | X | -5.935 | 2 |
| 113 | MP4A | Z | 10.279 | 2 |
| 114 | MP4A | Mx | 003 | 2 |

Company Designer Job Number Model Name

: Maser Consulting

: Mount Analysis

Aug 11, 2021 10:30 AM Checked By:__

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|-----|--------------|-----------|--------------------|----------------|
| 115 | MP4B | X | -4.258 | 2 |
| 116 | MP4B | Z | 7.375 | 2 |
| 117 | MP4B | Mx | .004 | 2 |
| 118 | MP4C | X | -5.935 | 2 |
| 119 | MP4C | Z | 10.279 | 2 |
| 120 | MP4C | Mx | 003 | 2 |
| 121 | O2 | X | -11.313 | 1 |
| 122 | O2 | Z | 19.594 | 1 |
| 123 | O2 | Mx | 0 | 1 |

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|----|--------------|-----------|--------------------|----------------|
| 1 | MP1B | X | -23.456 | .5 |
| 2 | MP1B | Z | 13.543 | .5 .5 |
| 3 | MP1B | Mx | 029 | .5 |
| 4 | MP1B | Χ | -23.456 | 4.5 |
| 5 | MP1B | Z | 13.543 | 4.5 |
| 6 | MP1B | Mx | 029 | 4.5 |
| 7 | MP1C | Χ | -25.309 | .5 |
| 8 | MP1C | Z | 14.612 | .5 |
| 9 | MP1C | Mx | 0 | .5 |
| 10 | MP1C | X | -25.309 | 4.5 |
| 11 | MP1C | Z | 14.612 | 4.5 |
| 12 | MP1C | Mx | 0 | 4.5 |
| 13 | MP4B | X | -23.456 | .5 |
| 14 | MP4B | Z | 13.543 | .5 |
| 15 | MP4B | Mx | 029 | .5 |
| 16 | MP4B | X | -23.456 | 4.5 |
| 17 | MP4B | Z | 13.543 | 4.5 |
| 18 | MP4B | Mx | 029 | 4.5 |
| 19 | MP4C | X | -25.309 | .5 |
| 20 | MP4C | Z | 14.612 | .5 .5 |
| 21 | MP4C | Mx | 0 | .5 |
| 22 | MP4C | Χ | -25.309 | 4.5 |
| 23 | MP4C | Z | 14.612 | 4.5 |
| 24 | MP4C | Mx | 0 | 4.5 |
| 25 | MP1A | X | -20.4 | .5 |
| 26 | MP1A | X Z | 11.778 | .5 |
| 27 | MP1A | Mx | .025 | .5 |
| 28 | MP1A | Χ | -20.4 | 4.5 |
| 29 | MP1A | Z | 11.778 | 4.5 |
| 30 | MP1A | Mx | .025 | 4.5 |
| 31 | MP4A | Χ | -20.4 | .5 |
| 32 | MP4A | Z | 11.778 | .5 |
| 33 | MP4A | Mx | .025 | .5 |
| 34 | MP4A | Χ | -20.4 | 4.5 |
| 35 | MP4A | Z | 11.778 | 4.5 |
| 36 | MP4A | Mx | .025 | 4.5 |
| 37 | MP3A | Χ | -16.81 | .5 |
| 38 | MP3A | Z | 9.706 | .5 |
| 39 | MP3A | Mx | .008 | .5 |
| 40 | MP3A | Χ | -16.81 | 4.5 |
| 41 | MP3A | Z | 9.706 | 4.5 |
| 42 | MP3A | Mx | .008 | 4.5 |
| 43 | MP3B | Χ | -16.81 | .5 |
| 44 | MP3B | Z | 9.706 | .5 |

Mount Analysis

Aug 11, 2021 10:30 AM Checked By:___

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

| MCIII | DEI PUIIIL LUAUS (BLC 23 . A | IICIIIIA VVI (240 B | reg// (Oomanaca) | |
|-------|------------------------------|---------------------|--------------------|----------------|
| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
| 45 | MP3B | Mx | 02 | .5 |
| 46 | MP3B | X | -16.81 | 4.5 |
| 47 | MP3B | Z | 9.706 | 4.5 |
| 48 | MP3B | Mx | 02 | 4.5 |
| 49 | MP3C | X | -21.646 | .5 |
| 50 | MP3C | Z | 12.497 | .5 |
| 51 | MP3C | Mx | .015 | .5 |
| 52 | MP3C | X | -21.646 | 4.5 |
| 53 | MP3C | Z | 12.497 | 4.5 |
| 54 | MP3C | Mx | .015 | 4.5 |
| 55 | MP3A | X | -16.81 | .5 |
| 56 | MP3A | Z | 9.706 | .5 |
| 57 | MP3A | Mx | .02 | .5 |
| 58 | MP3A | X | -16.81 | 4.5 |
| 59 | MP3A | Z | 9.706 | 4.5 |
| 60 | | Mx | .02 | 4.5 |
| | MP3A | | | 4.5 |
| 61 | MP3B | X Z | -16.81 | .5 .5 |
| 62 | MP3B | | 9.706 | .5 |
| 63 | MP3B | Mx | 008 | .5 |
| 64 | MP3B | X | -16.81 | 4.5 |
| 65 | MP3B | Z | 9.706 | 4.5 |
| 66 | MP3B | Mx | 008 | 4.5 |
| 67 | MP3C | X | -21.646 | .5 |
| 68 | MP3C | Z | 12.497 | .5 |
| 69 | MP3C | Mx | 015 | .5 |
| 70 | MP3C | X | -21.646 | 4.5 |
| 71 | MP3C | Z | 12.497 | 4.5 |
| 72 | MP3C | Mx | 015 | 4.5 |
| 73 | MP2A | X | -7.573 | 1.5 |
| 74 | MP2A | Z | 4.372 | 1.5 |
| 75 | MP2A | Mx | .006 | 1.5 |
| 76 | MP2A | X | -7.573 | 3.5 |
| 77 | MP2A | Z | 4.372 | 3.5 |
| 78 | MP2A | Mx | .006 | 3.5 |
| 79 | MP2B | X | -7.573 | 1.5 |
| 80 | MP2B | Z | 4.372 | 1.5 |
| 81 | MP2B | Mx | 006 | 1.5 |
| 82 | MP2B | X | -7.573 | 3.5 |
| 83 | MP2B | Z | 4.372 | 3.5 |
| 84 | MP2B | Mx | 006 | 3.5 |
| 85 | MP2C | X | -13.008 | 1.5 |
| 86 | MP2C | Z | 7.51 | 1.5 |
| 87 | MP2C | Mx | 0 | 1.5 |
| 88 | MP2C | X | -13.008 | 3.5 |
| 89 | MP2C | Z | 7.51 | 3.5 |
| 90 | MP2C | Mx | 0 | 3.5 |
| 91 | 01 | X | -16.371 | 1 |
| 92 | 01 | Z | 9.452 | 1 |
| 93 | 01 | Mx | 0 | 1 |
| 94 | MP2A | X | -4.571 | .5 |
| 95 | MP2A | Z | 2.639 | .5 |
| 96 | MP2A | Mx | 001 | .5 |
| 97 | MP2B | X | -4.571 | .5 |
| 98 | MP2B | Z | 2.639 | .5 |
| 99 | MP2B | Mx | .001 | .5 |
| 100 | MP2C | X | -6.597 | .5 |
| 101 | MP2C | Z | 3.809 | .5 |

Mount Analysis

Aug 11, 2021 10:30 AM Checked By:__

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|-----|--------------|-----------|--------------------|----------------|
| 102 | MP2C | Mx | 0 | .5 |
| 103 | MP3A | X | -8.786 | 2 |
| 104 | MP3A | Z | 5.072 | 2 |
| 105 | MP3A | Mx | 004 | 2 |
| 106 | MP3B | Χ | -8.786 | 2 |
| 107 | MP3B | Z | 5.072 | 2 |
| 108 | MP3B | Mx | .004 | 2 |
| 109 | MP3C | Χ | -11.247 | 2 |
| 110 | MP3C | Z | 6.494 | 2 |
| 111 | MP3C | Mx | 0 | 2 |
| 112 | MP4A | X | -8.343 | 2 |
| 113 | MP4A | Z | 4.817 | 2 |
| 114 | MP4A | Mx | 004 | 2 |
| 115 | MP4B | X | -8.343 | 2 |
| 116 | MP4B | Z | 4.817 | 2 |
| 117 | MP4B | Mx | .004 | 2 |
| 118 | MP4C | Χ | -11.247 | 2 |
| 119 | MP4C | Z | 6.494 | 2 |
| 120 | MP4C | Mx | 0 | 2 |
| 121 | O2 | Χ | -16.371 | 1 |
| 122 | O2 | Z | 9.452 | 1 |
| 123 | 02 | Mx | 0 | 1 |

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|----|--------------|-----------|--------------------|----------------|
| 1 | MP1B | Χ | -28.511 | .5 |
| 2 | MP1B | Z | 0 | .5 |
| 3 | MP1B | Mx | 018 | .5 |
| 4 | MP1B | X | -28.511 | 4.5 |
| 5 | MP1B | Ζ | 0 | 4.5 |
| 6 | MP1B | Mx | 018 | 4.5 |
| 7 | MP1C | Χ | -28.511 | .5 |
| 8 | MP1C | Z | 0 | .5 |
| 9 | MP1C | Mx | 018 | .5 |
| 10 | MP1C | Χ | -28.511 | 4.5 |
| 11 | MP1C | Ζ | 0 | 4.5 |
| 12 | MP1C | Mx | 018 | 4.5 |
| 13 | MP4B | X | -28.511 | .5 |
| 14 | MP4B | Z | 0 | .5 |
| 15 | MP4B | Mx | 018 | .5 |
| 16 | MP4B | Χ | -28.511 | 4.5 |
| 17 | MP4B | Z | 0 | 4.5 |
| 18 | MP4B | Mx | 018 | 4.5 |
| 19 | MP4C | X | -28.511 | .5 |
| 20 | MP4C | Z | 0 | .5 |
| 21 | MP4C | Mx | 018 | .5 |
| 22 | MP4C | X | -28.511 | 4.5 |
| 23 | MP4C | Z | 0 | 4.5 |
| 24 | MP4C | Mx | 018 | 4.5 |
| 25 | MP1A | X | -26.522 | .5 |
| 26 | MP1A | Z | 0 | .5 |
| 27 | MP1A | Mx | .033 | .5 |
| 28 | MP1A | X | -26.522 | 4.5 |
| 29 | MP1A | Z | 0 | 4.5 |
| 30 | MP1A | Mx | .033 | 4.5 |
| 31 | MP4A | X | -26.522 | .5 |

Mount Analysis

Aug 11, 2021 10:30 AM Checked By:____

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

| wember | <u>Point Loads (BLC 24 : </u> | Antenna Wi (270 D | eg)) (Continued) | |
|--------|-------------------------------|-------------------|--------------------|----------------|
| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
| 32 | MP4A | Z | 0 | .5 |
| 33 | MP4A | Mx | .033 | .5 |
| 34 | MP4A | X | -26.522 | 4.5 |
| 35 | MP4A | Z | 0 | 4.5 |
| 36 | MP4A | Mx | .033 | 4.5 |
| 37 | MP3A | X | -17.55 | .5 |
| 38 | MP3A | Z | 0 | .5 |
| 39 | MP3A | Mx | .015 | .5 .5 |
| 40 | MP3A | X | -17.55 | 4.5 |
| 41 | MP3A | Z | 0 | 4.5 |
| | | | | |
| 42 | MP3A | Mx | .015 | 4.5 |
| 43 | MP3B | X | -23.133 | .5 |
| 44 | MP3B | Z | 0 | .5 |
| 45 | MP3B | Mx | 021 | .5 |
| 46 | MP3B | X | -23.133 | 4.5 |
| 47 | MP3B | Z | 0 | 4.5 |
| 48 | MP3B | Mx | 021 | 4.5 |
| 49 | MP3C | X Z | -23.133 | .5 |
| 50 | MP3C | | 0 | .5 |
| 51 | MP3C | Mx | .002 | .5 |
| 52 | MP3C | X | -23.133 | 4.5 |
| 53 | MP3C | Z | 0 | 4.5 |
| 54 | MP3C | Mx | .002 | 4.5 |
| 55 | MP3A | X | -17.55 | .5 |
| 56 | MP3A | Z | 0 | .5 |
| 57 | MP3A | Mx | .015 | .5 |
| 58 | MP3A | X | -17.55 | 4.5 |
| 59 | MP3A | Z | 0 | 4.5 |
| 60 | MP3A | Mx | .015 | 4.5 |
| 61 | MP3B | X | -23.133 | .5 |
| 62 | MP3B | Z | 0 | .5 |
| 63 | MP3B | | .002 | .5 .5 |
| | | Mx | | |
| 64 | MP3B | X Z | -23.133 | 4.5 |
| 65 | MP3B | | 0 | 4.5 |
| 66 | MP3B | Mx | .002 | 4.5 |
| 67 | MP3C | X | -23.133 | .5 |
| 68 | MP3C | Z | 0 | .5 |
| 69 | MP3C | Mx | 021 | .5 |
| 70 | MP3C | X | -23.133 | 4.5 |
| 71 | MP3C | Z | 0 | 4.5 |
| 72 | MP3C | Mx | 021 | 4.5 |
| 73 | MP2A | X | -6.652 | 1.5 |
| 74 | MP2A | Z | 0 | 1.5 |
| 75 | MP2A | Mx | .006 | 1.5 |
| 76 | MP2A | X | -6.652 | 3.5 |
| 77 | MP2A | Z | 0 | 3.5 |
| 78 | MP2A | Mx | .006 | 3.5 |
| 79 | MP2B | | -12.929 | 1.5 |
| 80 | MP2B | X Z | 0 | 1.5 |
| 81 | MP2B | Mx | 005 | 1.5 |
| 82 | MP2B | X | -12.929 | 3.5 |
| 83 | MP2B | Z | 0 | 3.5 |
| 84 | MP2B | Mx | 005 | 3.5 |
| 85 | MP2C | X | -12.929 | 1.5 |
| 86 | MP2C | Z | 0 | 1.5 |
| 87 | MP2C | Mx | 005 | 1.5 |
| | MP2C MP2C | | | |
| 88 | IVIPZU | X | -12.929 | 3.5 |

: Mount Analysis

Aug 11, 2021 10:30 AM Checked By:_

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|-----|--------------|-----------|--------------------|----------------|
| 89 | MP2C | Z | 0 | 3.5 |
| 90 | MP2C | Mx | 005 | 3.5 |
| 91 | O1 | X | -17.042 | 1 |
| 92 | 01 | Z | 0 | 1 |
| 93 | O1 | Mx | 0 | 1 |
| 94 | MP2A | X | -4.499 | .5 |
| 95 | MP2A | Z | 0 | .5 |
| 96 | MP2A | Mx | 001 | .5 |
| 97 | MP2B | X | -6.838 | .5 |
| 98 | MP2B | Z | 0 | .5 |
| 99 | MP2B | Mx | .000855 | .5 |
| 100 | MP2C | X | -6.838 | .5 |
| 101 | MP2C | Z | 0 | .5 |
| 102 | MP2C | Mx | .000855 | .5 |
| 103 | MP3A | X | -9.198 | 2 |
| 104 | MP3A | Z | 0 | 2 |
| 105 | MP3A | Mx | 005 | 2 |
| 106 | MP3B | X | -12.04 | 2 |
| 107 | MP3B | Z | 0 | 2 |
| 108 | MP3B | Mx | .003 | 2 |
| 109 | MP3C | X | -12.04 | 2 |
| 110 | MP3C | Z | 0 | 2 |
| 111 | MP3C | Mx | .003 | 2 |
| 112 | MP4A | X | -8.516 | 2 |
| 113 | MP4A | Z | 0 | 2 |
| 114 | MP4A | Mx | 004 | 2 |
| 115 | MP4B | X | -11.869 | 2 |
| 116 | MP4B | Z | 0 | 2 |
| 117 | MP4B | Mx | .003 | 2 |
| 118 | MP4C | X | -11.869 | 2 |
| 119 | MP4C | Z | 0 | 2 |
| 120 | MP4C | Mx | .003 | 2 |
| 121 | O2 | X | -17.042 | 1 |
| 122 | O2 | Z | 0 | 1 |
| 123 | O2 | Mx | 0 | 1 |

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|----|--------------|-----------|--------------------|----------------|
| 1 | MP1B | Χ | -25.309 | .5 |
| 2 | MP1B | Z | -14.612 | .5 |
| 3 | MP1B | Mx | 0 | .5 |
| 4 | MP1B | X | -25.309 | 4.5 |
| 5 | MP1B | Z | -14.612 | 4.5 |
| 6 | MP1B | Mx | 0 | 4.5 |
| 7 | MP1C | X | -23.456 | .5 |
| 8 | MP1C | Z | -13.543 | .5 |
| 9 | MP1C | Mx | 029 | .5 |
| 10 | MP1C | X | -23.456 | 4.5 |
| 11 | MP1C | Z | -13.543 | 4.5 |
| 12 | MP1C | Mx | 029 | 4.5 |
| 13 | MP4B | X | -25.309 | .5 |
| 14 | MP4B | Z | -14.612 | .5 |
| 15 | MP4B | Mx | 0 | .5 |
| 16 | MP4B | X | -25.309 | 4.5 |
| 17 | MP4B | Z | -14.612 | 4.5 |
| 18 | MP4B | Mx | 0 | 4.5 |

: Mount Analysis

Aug 11, 2021 10:30 AM Checked By:___

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|----------|--------------|-----------|--------------------|----------------|
| 19 | MP4C | X | -23.456 | .5 |
| 20 | MP4C | Z | -13.543 | .5 |
| 21 | MP4C | Mx | 029 | .5 |
| 22 | MP4C | X | -23.456 | 4.5 |
| 23 | MP4C | Z | -13.543 | 4.5 |
| 24 | MP4C | Mx | 029 | 4.5 |
| 25 | MP1A | X | -20.4 | .5 |
| 26 | MP1A | Z | -11.778 | .5 |
| 27 | MP1A | Mx | .025 | .5 |
| 28 | MP1A | X | -20.4 | 4.5 |
| 29 | MP1A | Z | -11.778 | 4.5 |
| 30 | MP1A | Mx | .025 | 4.5 |
| 31 | MP4A | <u>X</u> | -20.4 | .5 |
| 32 | MP4A | Z | -11.778 | .5 |
| 33 | MP4A | Mx | .025 | .5 |
| 34 | MP4A | X | -20.4 | 4.5 |
| 35 | MP4A | Z | -11.778 | 4.5 |
| 36 | MP4A | Mx | .025 | 4.5 |
| 37 | MP3A | X | -16.81 | .5 |
| 38 | MP3A | Z | -9.706 | .5 |
| 39 | MP3A | Mx | .02 | .5 |
| 40 | MP3A | X | -16.81 | 4.5 |
| 41 | MP3A | Z | -9.706 | 4.5 |
| 42 | MP3A | Mx | .02 | 4.5 |
| 43 | MP3B | X | -21.646 | .5 |
| 44 | MP3B | Z | -12.497 | .5 |
| 45 | MP3B | Mx | 015 | .5 |
| 46 | MP3B | X Z | -21.646 | 4.5 |
| 47 | MP3B | | -12.497 | 4.5 |
| 48 | MP3B | Mx | 015 | 4.5 |
| 49 | MP3C | X Z | -16.81 | .5 |
| 50 | MP3C | | -9.706 | .5 |
| 51 52 | MP3C | Mx X | 008 -16.81 | .5 4.5 |
| 53 | MP3C MP3C | Z | -9.706 | 4.5 |
| 54 | MP3C | Mx | -9.700 | 4.5 |
| 55 | MP3A | X | -16.81 | .5 |
| 56 | MP3A | Z | -9.706 | .5 |
| 57 | MP3A | Mx | .008 | .5 |
| 58 | MP3A | X | -16.81 | 4.5 |
| 59 | MP3A | Z | -9.706 | 4.5 |
| 60 | MP3A | Mx | .008 | 4.5 |
| 61 | MP3B | | -21.646 | .5 |
| 62 | MP3B | X Z | -12.497 | .5 |
| 63 | MP3B | Mx | .015 | .5 |
| 64 | MP3B | X | -21.646 | 4.5 |
| 65 | MP3B | Z | -12.497 | 4.5 |
| 66 | MP3B | Mx | .015 | 4.5 |
| 67 | MP3C | X | -16.81 | .5 |
| 68 | MP3C | Z | -9.706 | .5 |
| 69 | MP3C | Mx | 02 | .5 |
| 70 | MP3C | X | -16.81 | 4.5 |
| 71 | MP3C | Z | -9.706 | 4.5 |
| 72 | MP3C | Mx | 02 | 4.5 |
| 73 | MP2A | X | -7.573 | 1.5 |
| 74 | MP2A | Z | -4.372 | 1.5 |
| 75 | MP2A | Mx | .006 | 1.5 |

: Mount Analysis

Aug 11, 2021 10:30 AM Checked By:___

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|-----|--------------|-----------|--------------------|----------------|
| 76 | MP2A | X | -7.573 | 3.5 |
| 77 | MP2A | Z | -4.372 | 3.5 |
| 78 | MP2A | Mx | .006 | 3.5 |
| 79 | MP2B | X | -13.008 | 1.5 |
| 80 | MP2B | Z | -7.51 | 1.5 |
| 81 | MP2B | Mx | 0 | 1.5 |
| 82 | MP2B | X | -13.008 | 3.5 |
| 83 | MP2B | Z | -7.51 | 3.5 |
| 84 | MP2B | Mx | 0 | 3.5 |
| 85 | MP2C | X | -7.573 | 1.5 |
| 86 | MP2C | Z | -4.372 | 1.5 |
| 87 | MP2C | Mx | 006 | 1.5 |
| 88 | MP2C | X | -7.573 | 3.5 |
| 89 | MP2C | Z | -4.372 | 3.5 |
| 90 | MP2C | Mx | 006 | 3.5 |
| 91 | 01 | X | -16.371 | 1 |
| 92 | 01 | Z | -9.452 | 1 |
| 93 | 01 | Mx | 0 | 1 |
| 94 | MP2A | X | -4.571 | .5 |
| 95 | MP2A | Z | -2.639 | .5 |
| 96 | MP2A | Mx | 001 | .5 |
| 97 | MP2B | | -6.597 | .5 |
| 98 | MP2B | X | -3.809 | .5 |
| 99 | MP2B | Mx | 0 | .5 |
| 100 | MP2C | X | -4.571 | .5 |
| 101 | MP2C | Z | -2.639 | .5 |
| 102 | MP2C | Mx | .001 | .5 |
| 103 | MP3A | X | -8.786 | 2 |
| 104 | MP3A | Z | -5.072 | 2 |
| 105 | MP3A | Mx | 004 | 2 |
| 106 | MP3B | X | -11.247 | 2 |
| 107 | MP3B | Z | -6.494 | 2 |
| 108 | MP3B | Mx | 0 | 2 |
| 109 | MP3C | X | -8.786 | 2 |
| 110 | MP3C | Z | -5.072 | 2 |
| 111 | MP3C | Mx | .004 | 2 |
| 112 | MP4A | X | -8.343 | 2 |
| 113 | MP4A | Z | -4.817 | 2 |
| 114 | MP4A | Mx | 004 | 2 |
| 115 | MP4B | X | -11.247 | 2 |
| 116 | MP4B | Z | -6.494 | 2 |
| 117 | MP4B | Mx | 0 | 2 |
| 118 | MP4C | X | -8.343 | 2 |
| 119 | MP4C | Z | -4.817 | 2 |
| 120 | MP4C | Mx | .004 | 2 |
| 121 | 02 | X | -16.371 | 1 |
| 122 | 02 | Z | -9.452 | 1 |
| 123 | 02 | Mx | 0 | 1 |
| 120 | 02 | IVIA | | I |

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|---|--------------|-----------|--------------------|----------------|
| 1 | MP1B | X | -14.256 | .5 |
| 2 | MP1B | Z | -24.692 | .5 |
| 3 | MP1B | Mx | .018 | .5 |
| 4 | MP1B | Χ | -14.256 | 4.5 |
| 5 | MP1B | Z | -24.692 | 4.5 |

: Mount Analysis

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

| 11101111 | ber Point Loads (BLC 26 : A | | | |
|----------|-----------------------------|-----------|--------------------|----------------|
| C | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
| 7 | MP1B | Mx | .018 | 4.5 |
| | MP1C | X | -13.186 | .5 |
| 8 | MP1C | | -22.839 | .5 |
| 9 | MP1C | Mx | 033 | .5 |
| 10 | MP1C | X | -13.186 | 4.5 |
| 11 | MP1C | Z | -22.839 | 4.5 |
| 12 | MP1C | Mx | 033 | 4.5 |
| 13 | MP4B | X | -14.256 | .5 |
| 14 | MP4B | Z | -24.692 | .5 |
| 15 | MP4B | Mx | .018 | .5 |
| 16 | MP4B | X | -14.256 | 4.5 |
| 17 | MP4B | Z | -24.692 | 4.5 |
| 18 | MP4B | Mx | .018 | 4.5 |
| 19 | MP4C | X | -13.186 | .5 |
| 20 | MP4C | Z | -22.839 | .5 |
| 21 | MP4C | Mx | 033 | .5 |
| 22 | MP4C | X | -13.186 | 4.5 |
| 23 | MP4C | Z | -22.839 | 4.5 |
| 24 | MP4C | Mx | 033 | 4.5 |
| 25 | MP1A | X | -8.811 | .5 |
| 26 | MP1A | Z | -15.261 | .5 |
| 27 | MP1A | Mx | .011 | .5 |
| 28 | MP1A | X | -8.811 | 4.5 |
| 29 | MP1A | Z | -15.261 | 4.5 |
| 30 | MP1A | Mx | .011 | 4.5 |
| 31 | MP4A | X | -8.811 | .5 |
| 32 | MP4A | Z | -15.261 | .5 |
| 33 | MP4A | Mx | .011 | .5 |
| 34 | MP4A | X | -8.811 | 4.5 |
| 35 | MP4A | Z | -15.261 | 4.5 |
| 36 | MP4A | Mx | .011 | 4.5 |
| 37 | MP3A | X | -11.567 | .5 |
| 38 | MP3A | Z | -20.034 | .5 |
| 39 | MP3A | Mx | .021 | .5 |
| 40 | MP3A | X | -11.567 | 4.5 |
| 41 | MP3A | Z | -20.034 | 4.5 |
| 42 | MP3A | Mx | .021 | 4.5 |
| 43 | MP3B | X | -11.567 | .5 |
| 44 | MP3B | Z | -20.034 | .5 |
| 45 | MP3B | Mx | 002 | .5 |
| 46 | MP3B | X | -11.567 | 4.5 |
| 47 | MP3B | Z | -20.034 | 4.5 |
| 48 | MP3B | Mx | 002 | 4.5 |
| 49 | MP3C | X | -8.775 | .5 |
| 50 | MP3C | Z | -15.199 | .5 |
| 51 | MP3C | Mx | 015 | .5 |
| 52 | MP3C | X | -8.775 | 4.5 |
| 53 | MP3C | Z | -15.199 | 4.5 |
| 54 | MP3C | Mx | 015 | 4.5 |
| 55 | MP3A | X | -11.567 | .5 |
| 56 | MP3A | Z | -20.034 | .5 |
| 57 | MP3A | Mx | 002 | .5 |
| 58 | MP3A | X | -11.567 | 4.5 |
| 59 | MP3A | Z | -20.034 | 4.5 |
| 60 | MP3A | Mx | 002 | 4.5 |
| 61 | MP3B | X | -11.567 | .5 |
| 62 | MP3B | Z | -20.034 | .5 |

Mount Analysis

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

| wernber | Point Loads (BLC 26 : A | Antenna vvi (330 D | eg)) (Continued) | |
|---------|-------------------------|--------------------|--------------------|----------------|
| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
| 63 | MP3B | Mx | .021 | .5 |
| 64 | MP3B | X | -11.567 | 4.5 |
| 65 | MP3B | Z | -20.034 | 4.5 |
| 66 | MP3B | Mx | .021 | 4.5 |
| 67 | MP3C | X | -8.775 | .5 |
| 68 | MP3C | Z | -15.199 | .5 |
| 69 | MP3C | Mx | 015 | .5 |
| 70 | MP3C | X | -8.775 | 4.5 |
| 71 | MP3C | Z | -15.199 | 4.5 |
| 72 | MP3C | Mx | 015 | 4.5 |
| 73 | MP2A | X | -6.464 | 1.5 |
| 74 | MP2A | Z | -11.197 | 1.5 |
| | | | | |
| 75 | MP2A | Mx | .005 | 1.5 |
| 76 | MP2A | X | -6.464 | 3.5 |
| 77 | MP2A | Z | -11.197 | 3.5 |
| 78 | MP2A | Mx | .005 | 3.5 |
| 79 | MP2B | X | -6.464 | 1.5 |
| 80 | MP2B | Z | -11.197 | 1.5 |
| 81 | MP2B | Mx | .005 | 1.5 |
| 82 | MP2B | X | -6.464 | 3.5 |
| 83 | MP2B | Z | -11.197 | 3.5 |
| 84 | MP2B | Mx | .005 | 3.5 |
| 85 | MP2C | X | -3.326 | 1.5 |
| 86 | MP2C | Z | -5.761 | 1.5 |
| 87 | MP2C | Mx | 006 | 1.5 |
| 88 | MP2C | X | -3.326 | 3.5 |
| 89 | MP2C | Z | -5.761 | 3.5 |
| 90 | MP2C | Mx | 006 | 3.5 |
| 91 | 01 | X | -11.313 | 1 |
| 92 | 01 | Z | -19.594 | 1 |
| 93 | 01 | Mx | 0 | 1 |
| 94 | MP2A | X | -3.419 | .5 |
| 95 | MP2A | Z | -5.922 | .5 |
| 96 | MP2A | Mx | 000855 | .5 .5 |
| 97 | MP2B | X | -3.419 | .5 .5 |
| 98 | MP2B | Z | -5.922 | .5 .5 |
| 99 | MP2B | | 000855 | .5 .5 |
| 100 | | Mx | | .5 .5 |
| | MP2C | X | -2.249 | |
| 101 | MP2C | Z | -3.896 | .5 |
| 102 | MP2C | Mx | .001 | .5 |
| 103 | MP3A | X | -6.02 | 2 |
| 104 | MP3A | Z | -10.427 | 2 |
| 105 | MP3A | Mx | 003 | 2 |
| 106 | MP3B | X | -6.02 | 2 |
| 107 | MP3B | Z | -10.427 | 2 |
| 108 | MP3B | Mx | 003 | 2 |
| 109 | MP3C | X | -4.599 | 2 |
| 110 | MP3C | Z | -7.965 | 2 |
| 111 | MP3C | Mx | .005 | 2 |
| 112 | MP4A | X | -5.935 | 2 |
| 113 | MP4A | Z | -10.279 | 2 |
| 114 | MP4A | Mx | 003 | 2 |
| 115 | MP4B | | -5.935 | |
| 116 | MP4B | X | -10.279 | 2 2 |
| 117 | MP4B | Mx | 003 | 2 |
| 118 | MP4C | X | -4.258 | 2 |
| 119 | MP4C | Z | -7.375 | 2 |
| 110 | IVII TO | | -1.010 | |

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: Mount Analysis

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|-----|--------------|-----------|--------------------|----------------|
| 120 | MP4C | Mx | .004 | 2 |
| 121 | O2 | Χ | -11.313 | 1 |
| 122 | O2 | Z | -19.594 | 1 |
| 123 | 02 | Mx | 0 | 1 |

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|----|--------------|-----------|--------------------|----------------|
| 1 | MP1B | X | 0 | .5 |
| 2 | MP1B | Z | -8.518 | .5 |
| 3 | MP1B | Mx | .009 | .5 |
| 4 | MP1B | X | 0 | 4.5 |
| 5 | MP1B | Z | -8.518 | 4.5 |
| 6 | MP1B | Mx | .009 | 4.5 |
| 7 | MP1C | X | 0 | .5 |
| 8 | MP1C | Z | -8.518 | .5 |
| 9 | MP1C | Mx | 009 | .5 |
| 10 | MP1C | X | 0 | 4.5 |
| 11 | MP1C | Z | -8.518 | 4.5 |
| 12 | MP1C | Mx | 009 | 4.5 |
| 13 | MP4B | X | 0 | .5 |
| 14 | MP4B | Z | -8.518 | .5 |
| 15 | MP4B | Mx | .009 | .5 |
| 16 | MP4B | X | 0 | 4.5 |
| 17 | MP4B | Z | -8.518 | 4.5 |
| 18 | MP4B | Mx | .009 | 4.5 |
| 19 | MP4C | X | 0 | .5 |
| 20 | MP4C | Z | -8.518 | .5 |
| 21 | MP4C | Mx | 009 | .5 |
| 22 | MP4C | X | 0 | 4.5 |
| 23 | MP4C | Z | -8.518 | 4.5 |
| 24 | MP4C | Mx | 009 | 4.5 |
| 25 | MP1A | X | 0 | .5 |
| 26 | MP1A | Z | -4.177 | .5 |
| 27 | MP1A | Mx | 0 | .5 |
| 28 | MP1A | X | 0 | 4.5 |
| 29 | MP1A | Z | -4.177 | 4.5 |
| 30 | MP1A | Mx | 0 | 4.5 |
| 31 | MP4A | X | 0 | .5 |
| 32 | MP4A | Z | -4.177 | .5 |
| 33 | MP4A | Mx | 0 | .5 |
| 34 | MP4A | X | 0 | 4.5 |
| 35 | MP4A | Z | -4.177 | 4.5 |
| 36 | MP4A | Mx | 0 | 4.5 |
| 37 | MP3A | X | 0 | .5 |
| 38 | MP3A | Z | -7.794 | .5 |
| 39 | MP3A | Mx | .005 | .5 |
| 40 | MP3A | X | 0 | 4.5 |
| 41 | MP3A | Z | -7.794 | 4.5 |
| 42 | MP3A | Mx | .005 | 4.5 |
| 43 | MP3B | X Z | 0 | .5 |
| 44 | MP3B | | -5.813 | .5 |
| 45 | MP3B | Mx | .003 | .5 |
| 46 | MP3B | X | 0 | 4.5 |
| 47 | MP3B | Z | -5.813 | 4.5 |
| 48 | MP3B | Mx | .003 | 4.5 |
| 49 | MP3C | X | 0 | .5 |

: Mount Analysis

Aug 11, 2021 10:30 AM Checked By:___

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

| | | | g// (Continucu) | |
|-----|--------------|-----------|--------------------|----------------|
| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
| 50 | MP3C | Z | -5.813 | .5 |
| 51 | MP3C | Mx | 006 | .5 |
| 52 | MP3C | X | 0 | 4.5 |
| 53 | MP3C | Z | -5.813 | 4.5 |
| 54 | MP3C | Mx | 006 | 4.5 |
| | | | | |
| 55 | MP3A | X | 0 | .5 |
| 56 | MP3A | Z | -7.765 | .5 |
| 57 | MP3A | Mx | 005 | .5 |
| 58 | MP3A | X | 0 | 4.5 |
| 59 | MP3A | Z | -7.765 | 4.5 |
| 60 | MP3A | Mx | 005 | 4.5 |
| 61 | MP3B | X | 0 | .5 |
| 62 | MP3B | Z | -5.805 | .5 |
| 63 | MP3B | Mx | .006 | .5 |
| | | | 0 | 4.5 |
| 64 | MP3B | X | | |
| 65 | MP3B | Z | -5.805 | 4.5 |
| 66 | MP3B | Mx | .006 | 4.5 |
| 67 | MP3C | X | 0 | .5 .5 |
| 68 | MP3C | Z | -5.805 | .5 |
| 69 | MP3C | Mx | 002 | .5 |
| 70 | MP3C | X | 0 | 4.5 |
| 71 | MP3C | Z | -5.805 | 4.5 |
| 72 | MP3C | Mx | 002 | 4.5 |
| | MP2A | | 002 | 1.5 |
| 73 | | X Z | | 1.5 |
| 74 | MP2A | | -4.533 | 1.5 |
| 75 | MP2A | Mx | 0 | 1.5 |
| 76 | MP2A | X | 0 | 3.5 |
| 77 | MP2A | Z | -4.533 | 3.5 |
| 78 | MP2A | Mx | 0 | 3.5 |
| 79 | MP2B | X | 0 | 1.5 |
| 80 | MP2B | Z | -2.464 | 1.5 |
| 81 | MP2B | Mx | .002 | 1.5 |
| 82 | MP2B | X | 0 | 3.5 |
| 83 | MP2B | Z | -2.464 | 3.5 |
| | | | | 3.5 |
| 84 | MP2B | Mx | .002 | 3.5 |
| 85 | MP2C | X | 0 | 1.5 |
| 86 | MP2C | Z | -2.464 | 1.5 |
| 87 | MP2C | Mx | 002 | 1.5 |
| 88 | MP2C | X | 0 | 3.5 |
| 89 | MP2C | Z | -2.464 | 3.5 |
| 90 | MP2C | Mx | 002 | 3.5 |
| 91 | 01 | X | 0 | 1 |
| 92 | 01 | Z | -7.311 | 1 |
| 93 | 01 | Mx | 0 | 1 |
| 94 | MP2A | X | 0 | .5 |
| | | Z | <u> </u> | .5 |
| 95 | MP2A | | -1.929 | .5 |
| 96 | MP2A | Mx | 0 | .5 |
| 97 | MP2B | X | 0 | .5 .5 |
| 98 | MP2B | Z | -1.207 | .5 |
| 99 | MP2B | Mx | 000261 | .5 |
| 100 | MP2C | X | 0 | .5 |
| 101 | MP2C | Z | -1.207 | .5 |
| 102 | MP2C | Mx | .000261 | .5 |
| 103 | MP3A | | 0 | 2 |
| 104 | MP3A | X | -3.607 | 2 2 |
| 105 | | | | 2 |
| | MP3A | Mx | 0 | 2 |
| 106 | MP3B | X | 0 | 2 |

: Mount Analysis

Aug 11, 2021 10:30 AM Checked By:_

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|-----|--------------|-----------|--------------------|----------------|
| 107 | MP3B | Z | -2.71 | 2 |
| 108 | MP3B | Mx | 001 | 2 |
| 109 | MP3C | X | 0 | 2 |
| 110 | MP3C | Z | -2.71 | 2 |
| 111 | MP3C | Mx | .001 | 2 |
| 112 | MP4A | X | 0 | 2 |
| 113 | MP4A | Z | -3.607 | 2 |
| 114 | MP4A | Mx | 0 | 2 |
| 115 | MP4B | X | 0 | 2 |
| 116 | MP4B | Z | -2.548 | 2 |
| 117 | MP4B | Mx | 001 | 2 |
| 118 | MP4C | X | 0 | 2 |
| 119 | MP4C | Z | -2.548 | 2 |
| 120 | MP4C | Mx | .001 | 2 |
| 121 | O2 | X | 0 | 1 |
| 122 | O2 | Z | -7.311 | 1 |
| 123 | O2 | Mx | 0 | 1 |

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|----|--------------|-----------|--------------------|----------------|
| 1 | MP1B | X | 4.135 | .5 |
| 2 | MP1B | Z | -7.163 | .5 |
| 3 | MP1B | Mx | .01 | .5 |
| 4 | MP1B | X | 4.135 | 4.5 |
| 5 | MP1B | Z | -7.163 | 4.5 |
| 6 | MP1B | Mx | .01 | 4.5 |
| 7 | MP1C | X | 4.506 | .5 |
| 8 | MP1C | Z | -7.805 | .5 |
| 9 | MP1C | Mx | 006 | .5 |
| 10 | MP1C | X | 4.506 | 4.5 |
| 11 | MP1C | Z | -7.805 | 4.5 |
| 12 | MP1C | Mx | 006 | 4.5 |
| 13 | MP4B | X | 4.135 | .5 |
| 14 | MP4B | Z | -7.163 | .5 |
| 15 | MP4B | Mx | .01 | .5 |
| 16 | MP4B | X | 4.135 | 4.5 |
| 17 | MP4B | Z | -7.163 | 4.5 |
| 18 | MP4B | Mx | .01 | 4.5 |
| 19 | MP4C | X | 4.506 | .5 |
| 20 | MP4C | Z | -7.805 | .5 |
| 21 | MP4C | Mx | 006 | .5 |
| 22 | MP4C | X | 4.506 | 4.5 |
| 23 | MP4C | Z | -7.805 | 4.5 |
| 24 | MP4C | Mx | 006 | 4.5 |
| 25 | MP1A | X | 2.607 | .5 |
| 26 | MP1A | Z | -4.515 | .5 |
| 27 | MP1A | Mx | 003 | .5 |
| 28 | MP1A | X | 2.607 | 4.5 |
| 29 | MP1A | Z | -4.515 | 4.5 |
| 30 | MP1A | Mx | 003 | 4.5 |
| 31 | MP4A | X | 2.607 | .5 |
| 32 | MP4A | Z | -4.515 | .5 |
| 33 | MP4A | Mx | 003 | .5 |
| 34 | MP4A | X | 2.607 | 4.5 |
| 35 | MP4A | Z | -4.515 | 4.5 |
| 36 | MP4A | Mx | 003 | 4.5 |

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Aug 11, 2021 10:30 AM Checked By:_

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

| IVICIII | <u> Der Point Loads (BLC 28 : A</u> | interina vviii (30 D | eg)) (Continued) | |
|---------|-------------------------------------|----------------------|--------------------|----------------|
| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
| 37 | MP3A | X | 3.567 | .5 |
| 38 | MP3A | Z | -6.178 | .5 |
| 39 | MP3A | Mx | .000631 | .5 |
| 40 | MP3A | X | 3.567 | 4.5 |
| 41 | MP3A | Z | -6.178 | 4.5 |
| 42 | MP3A | Mx | .000631 | 4.5 |
| 43 | MP3B | X | 2.576 | .5 |
| 44 | MP3B | Z | -4.462 | .5 |
| 45 | MP3B | Mx | .004 | .5 |
| 46 | MP3B | X | 2.576 | 4.5 |
| 47 | MP3B | Z | -4.462 | 4.5 |
| 48 | MP3B | Mx | .004 | 4.5 |
| | | | | |
| 49 | MP3C | X Z | 3.567 | .5 |
| 50 | MP3C | | -6.178 | .5 |
| 51 | MP3C | Mx | 007 | .5 |
| 52 | MP3C | X | 3.567 | 4.5 |
| 53 | MP3C | Z | -6.178 | 4.5 |
| 54 | MP3C | Mx | 007 | 4.5 |
| 55 | MP3A | X | 3.556 | .5 |
| 56 | MP3A | Z | -6.159 | .5 |
| 57 | MP3A | Mx | 007 | .5 |
| 58 | MP3A | X | 3.556 | 4.5 |
| 59 | MP3A | Z | -6.159 | 4.5 |
| 60 | MP3A | Mx | 007 | 4.5 |
| 61 | MP3B | X | 2.576 | .5 |
| 62 | MP3B | Z | -4.462 | .5 |
| 63 | MP3B | Mx | .004 | .5 |
| 64 | MP3B | X | 2.576 | 4.5 |
| 65 | MP3B | Z | -4.462 | 4.5 |
| 66 | MP3B | Mx | .004 | 4.5 |
| 67 | MP3C | X | 3.556 | .5 |
| 68 | MP3C | Z | -6.159 | .5 |
| 69 | MP3C | Mx | .00063 | .5 |
| 70 | MP3C | X | 3.556 | 4.5 |
| 71 | MP3C | Z | -6.159 | 4.5 |
| | | | | |
| 72 | MP3C | Mx | .00063 | 4.5 |
| 73 | MP2A | X | 1.922 | 1.5 |
| 74 | MP2A | | -3.329 | 1.5 |
| 75 | MP2A | Mx | 002 | 1.5 |
| 76 | MP2A | X | 1.922 | 3.5 |
| 77 | MP2A | Z | -3.329 | 3.5 |
| 78 | MP2A | Mx | 002 | 3.5 |
| 79 | MP2B | X | .887 | 1.5 |
| 80 | MP2B | Z | -1.537 | 1.5 |
| 81 | MP2B | Mx | .001 | 1.5 |
| 82 | MP2B | X | .887 | 3.5 |
| 83 | MP2B | Z | -1.537 | 3.5 |
| 84 | MP2B | Mx | .001 | 3.5 |
| 85 | MP2C | X | 1.922 | 1.5 |
| 86 | MP2C | Z | -3.329 | 1.5 |
| 87 | MP2C | Mx | 002 | 1.5 |
| 88 | MP2C | X | 1.922 | 3.5 |
| 89 | MP2C | Z | -3.329 | 3.5 |
| 90 | MP2C | Mx | 002 | 3.5 |
| 91 | 01 | X | 3.347 | 1 |
| 92 | 01 | Z | -5.797 | 1 |
| 93 | 01 | Mx | 0 | 1 |
| 00 | <u> </u> | IVIA | <u> </u> | <u> </u> |

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Aug 11, 2021 10:30 AM Checked By:_

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|-----|--------------|-----------|--------------------|----------------|
| 94 | MP2A | Χ | .844 | .5 |
| 95 | MP2A | Z | -1.462 | .5 |
| 96 | MP2A | Mx | .000211 | .5 |
| 97 | MP2B | Χ | .483 | .5 |
| 98 | MP2B | Z | 837 | .5 |
| 99 | MP2B | Mx | 000242 | .5 |
| 100 | MP2C | Χ | .844 | .5 |
| 101 | MP2C | Z | -1.462 | .5 |
| 102 | MP2C | Mx | .000211 | .5 |
| 103 | MP3A | Χ | 1.654 | 2 |
| 104 | MP3A | Z | -2.865 | 2 |
| 105 | MP3A | Mx | .000827 | 2 |
| 106 | MP3B | Χ | 1.206 | 2 |
| 107 | MP3B | Z | -2.088 | 2 |
| 108 | MP3B | Mx | 001 | 2 |
| 109 | MP3C | Χ | 1.654 | 2 |
| 110 | MP3C | Z | -2.865 | 2 |
| 111 | MP3C | Mx | .000827 | 2 |
| 112 | MP4A | Χ | 1.627 | 2 |
| 113 | MP4A | Z | -2.818 | 2 |
| 114 | MP4A | Mx | .000814 | 2 |
| 115 | MP4B | Χ | 1.097 | 2 |
| 116 | MP4B | Z | -1.9 | 2 |
| 117 | MP4B | Mx | 001 | 2 |
| 118 | MP4C | Χ | 1.627 | 2 |
| 119 | MP4C | Z | -2.818 | 2 |
| 120 | MP4C | Mx | .000813 | 2 |
| 121 | O2 | Χ | 3.347 | 1 |
| 122 | O2 | Z | -5.797 | 1 |
| 123 | O2 | Mx | 0 | 1 |

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|----|--------------|-----------|--------------------|----------------|
| 1 | MP1B | X | 7.377 | .5 |
| 2 | MP1B | Z | -4.259 | .5 |
| 3 | MP1B | Mx | .009 | .5 |
| 4 | MP1B | X | 7.377 | 4.5 |
| 5 | MP1B | Z | -4.259 | 4.5 |
| 6 | MP1B | Mx | .009 | 4.5 |
| 7 | MP1C | Χ | 8.019 | .5 |
| 8 | MP1C | Z | -4.63 | .5 |
| 9 | MP1C | Mx | 0 | .5 |
| 10 | MP1C | X | 8.019 | 4.5 |
| 11 | MP1C | Z | -4.63 | 4.5 |
| 12 | MP1C | Mx | 0 | 4.5 |
| 13 | MP4B | X | 7.377 | .5 |
| 14 | MP4B | Z | -4.259 | .5 |
| 15 | MP4B | Mx | .009 | .5 |
| 16 | MP4B | X | 7.377 | 4.5 |
| 17 | MP4B | Z | -4.259 | 4.5 |
| 18 | MP4B | Mx | .009 | 4.5 |
| 19 | MP4C | X | 8.019 | .5 |
| 20 | MP4C | Z | -4.63 | .5 |
| 21 | MP4C | Mx | 0 | .5 |
| 22 | MP4C | Χ | 8.019 | 4.5 |
| 23 | MP4C | Z | -4.63 | 4.5 |

: Mount Analysis

Aug 11, 2021 10:30 AM Checked By:___

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

| | TT OHN LOUGS (BLO 23 : | - | | |
|-----|------------------------|-----------|--------------------|----------------|
| 0.4 | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
| 24 | MP4C | Mx | 0 | 4.5 |
| 25 | MP1A | X | 6.31 | .5 |
| 26 | MP1A | Z | -3.643 | .5 |
| 27 | MP1A | Mx | 008 | .5 |
| 28 | MP1A | X | 6.31 | 4.5 |
| 29 | MP1A | Z | -3.643 | 4.5 |
| 30 | MP1A | Mx | 008 | 4.5 |
| 31 | MP4A | X | 6.31 | .5 |
| 32 | MP4A | Z | -3.643 | .5 |
| 33 | MP4A | Mx | 008 | .5 |
| 34 | MP4A | X | 6.31 | 4.5 |
| 35 | MP4A | Z | -3.643 | 4.5 |
| 36 | MP4A | Mx | 008 | 4.5 |
| 37 | MP3A | X | 5.034 | .5 |
| 38 | MP3A | Z | -2.906 | .5 |
| 39 | MP3A | Mx | 003 | .5 |
| 40 | MP3A | X | 5.034 | 4.5 |
| 41 | MP3A | Z | -2.906 | 4.5 |
| 42 | MP3A | Mx | 003 | 4.5 |
| 43 | MP3B | X | 5.034 | .5 |
| 44 | MP3B | Z | -2.906 | .5 |
| 45 | MP3B | Mx | .006 | .5 |
| 46 | MP3B | X | 5.034 | 4.5 |
| 47 | MP3B | Z | -2.906 | 4.5 |
| 48 | MP3B | Mx | .006 | 4.5 |
| 49 | MP3C | X | 6.749 | .5 |
| 50 | MP3C | Z | -3.897 | .5 |
| 51 | MP3C | Mx | 005 | .5 |
| 52 | MP3C | X | 6.749 | 4.5 |
| 53 | MP3C | Z | -3.897 | 4.5 |
| 54 | MP3C | Mx | 005 | 4.5 |
| 55 | MP3A | X | 5.028 | .5 |
| 56 | MP3A | Z | -2.903 | .5 |
| 57 | MP3A | Mx | 006 | .5 |
| 58 | MP3A | X | 5.028 | 4.5 |
| 59 | MP3A | Z | -2.903 | 4.5 |
| 60 | MP3A | Mx | 006 | 4.5 |
| 61 | MP3B | X | 5.028 | .5 |
| 62 | MP3B | Z | -2.903 | .5 |
| 63 | MP3B | Mx | .002 | .5 |
| 64 | MP3B | X | 5.028 | 4.5 |
| 65 | MP3B | Z | -2.903 | 4.5 |
| 66 | MP3B | Mx | .002 | 4.5 |
| 67 | MP3C | X | 6.724 | .5 |
| 68 | MP3C | | -3.882 | .5 |
| 69 | MP3C | Mx | .005 | .5 |
| 70 | MP3C | X | 6.724 | 4.5 |
| 71 | MP3C | Z | -3.882 | 4.5 |
| 72 | MP3C | Mx | .005 | 4.5 |
| 73 | MP2A | X | 2.134 | 1.5 |
| 74 | MP2A | Z | -1.232 | 1.5 |
| 75 | MP2A | Mx | 002 | 1.5 |
| 76 | MP2A | X | 2.134 | 3.5 |
| 77 | MP2A | Z | -1.232 | 3.5 |
| 78 | MP2A | Mx | 002 | 3.5 |
| 79 | MP2B | X | 2.134 | 1.5 |
| 80 | MP2B | Z | -1.232 | 1.5 |

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|-----|--------------|-----------|--------------------|----------------|
| 81 | MP2B | Mx | .002 | 1.5 |
| 82 | MP2B | X | 2.134 | 3.5 |
| 83 | MP2B | Z | -1.232 | 3.5 |
| 84 | MP2B | Mx | .002 | 3.5 |
| 85 | MP2C | X | 3.926 | 1.5 |
| 86 | MP2C | Z | -2.267 | 1.5 |
| 87 | MP2C | Mx | 0 | 1.5 |
| 88 | MP2C | X | 3.926 | 3.5 |
| 89 | MP2C | Z | -2.267 | 3.5 |
| 90 | MP2C | Mx | 0 | 3.5 |
| 91 | O1 | X | 4.726 | 1 |
| 92 | O1 | Z | -2.729 | 1 |
| 93 | O1 | Mx | 0 | 1 |
| 94 | MP2A | X | 1.046 | .5 |
| 95 | MP2A | Z | 604 | .5 |
| 96 | MP2A | Mx | .000262 | .5 |
| 97 | MP2B | X | 1.046 | .5 |
| 98 | MP2B | Z | 604 | .5 |
| 99 | MP2B | Mx | 000262 | .5 |
| 100 | MP2C | X | 1.671 | .5 |
| 101 | MP2C | Z | 965 | .5 |
| 102 | MP2C | Mx | 0 | .5 |
| 103 | MP3A | X | 2.347 | 2 |
| 104 | MP3A | Z | -1.355 | 2 |
| 105 | MP3A | Mx | .001 | 2 |
| 106 | MP3B | X | 2.347 | 2 |
| 107 | MP3B | Z | -1.355 | 2 |
| 108 | MP3B | Mx | 001 | 2 |
| 109 | MP3C | X | 3.124 | 2 |
| 110 | MP3C | Z | -1.804 | 2 |
| 111 | MP3C | Mx | 0 | 2 |
| 112 | MP4A | X | 2.206 | 2 |
| 113 | MP4A | Z | -1.274 | 2 |
| 114 | MP4A | Mx | .001 | 2 |
| 115 | MP4B | X | 2.206 | 2 |
| 116 | MP4B | Z | -1.274 | 2 |
| 117 | MP4B | Mx | 001 | 2 |
| 118 | MP4C | X | 3.124 | 2 |
| 119 | MP4C | Z | -1.804 | 2 |
| 120 | MP4C | Mx | 0 | 2 |
| 121 | O2 | X | 4.726 | 1 |
| 122 | O2 | Z | -2.729 | 1 |
| 123 | O2 | Mx | 0 | 1 |

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|----|--------------|-----------|--------------------|----------------|
| 1 | MP1B | X | 9.012 | .5 |
| 2 | MP1B | Z | 0 | .5 |
| 3 | MP1B | Mx | .006 | .5 |
| 4 | MP1B | X | 9.012 | 4.5 |
| 5 | MP1B | Z | 0 | 4.5 |
| 6 | MP1B | Mx | .006 | 4.5 |
| 7 | MP1C | X | 9.012 | .5 |
| 8 | MP1C | Z | 0 | .5 |
| 9 | MP1C | Mx | .006 | .5 |
| 10 | MP1C | X | 9.012 | 4.5 |

Mount Analysis

Aug 11, 2021 10:30 AM Checked By:_

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

| IVICIII | ber Point Loads (BLC 30 :) | - | | |
|---------|-----------------------------|--------------|--------------------|----------------|
| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
| 11 | MP1C | Z | 0 | 4.5 |
| 12 | MP1C | Mx | .006 | 4.5 |
| 13 | MP4B | X | 9.012 | .5 |
| 14 | MP4B | Z | 0 | .5 |
| 15 | MP4B | Mx | .006 | .5 |
| 16 | MP4B | X | 9.012 | 4.5 |
| 17 | MP4B | Z | 0 | 4.5 |
| 18 | MP4B | Mx | .006 | 4.5 |
| 19 | MP4C | X | 9.012 | .5 |
| 20 | MP4C | Z | 0 | .5 |
| 21 | MP4C | Mx | .006 | .5 |
| 22 | MP4C | X | 9.012 | 4.5 |
| | | Z | 9.012 | |
| 23 | MP4C | | | 4.5 |
| 24 | MP4C | Mx | .006 | 4.5 |
| 25 | MP1A | X | 8.323 | .5 |
| 26 | MP1A | Z | 0 | .5 |
| 27 | MP1A | Mx | 01 | .5 |
| 28 | MP1A | X | 8.323 | 4.5 |
| 29 | MP1A | Z | 0 | 4.5 |
| 30 | MP1A | Mx | 01 | 4.5 |
| 31 | MP4A | X | 8.323 | .5 |
| 32 | MP4A | Z | 0 | .5 |
| 33 | MP4A | Mx | 01 | .5 |
| 34 | MP4A | X | 8.323 | 4.5 |
| 35 | MP4A | Z | 0 | 4.5 |
| 36 | MP4A | Mx | 01 | 4.5 |
| 37 | MP3A | X | 5.152 | .5 |
| 38 | MP3A | Z | 0 | .5 |
| 39 | MP3A | Mx | 004 | .5 |
| 40 | MP3A | X | 5.152 | 4.5 |
| 41 | MP3A | Z | 0 | 4.5 |
| 42 | MP3A | Mx | 004 | 4.5 |
| 43 | MP3B | X | 7.133 | .5 |
| 44 | MP3B | Z | 0 | .5 |
| 45 | MP3B | Mx | .007 | .5 |
| 46 | MP3B | X | 7.133 | 4.5 |
| 47 | MP3B | Z | 0 | 4.5 |
| 48 | MP3B | Mx | .007 | 4.5 |
| 49 | | X | 7.133 | |
| 50 | MP3C | Z | 0 | .5 .5 |
| | MP3C | | | .U |
| 51 | MP3C | Mx V | 000631 | .5 |
| 52 | MP3C | X Z | 7.133 | 4.5 |
| 53 | MP3C | | 0 | 4.5 |
| 54 | MP3C | Mx | 000631 | 4.5 |
| 55 | MP3A | X | 5.152 | .5 |
| 56 | MP3A | Z | 0 | .5 |
| 57 | MP3A | Mx | 004 | .5 |
| 58 | MP3A | X | 5.152 | 4.5 |
| 59 | MP3A | Z | 0 | 4.5 |
| 60 | MP3A | Mx | 004 | 4.5 |
| 61 | MP3B | X | 7.112 | .5 |
| 62 | MP3B | Z | 0 | .5 |
| 63 | MP3B | Mx | 00063 | .5 |
| 64 | MP3B | X | 7.112 | 4.5 |
| 65 | MP3B | Z | 0 | 4.5 |
| 66 | MP3B | Mx | 00063 | 4.5 |
| 67 | MP3C | X | 7.112 | .5 |
| | | ` | | · - |

: Mount Analysis

Aug 11, 2021 10:30 AM Checked By:___

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|----------|--------------|-----------|--------------------|----------------|
| 68 | MP3C | Z | 0 | .5 |
| 69 | MP3C | Mx | .007 | .5 |
| 70 | MP3C | X | 7.112 | 4.5 |
| 71 | MP3C | Z | 0 | 4.5 |
| 72 | MP3C | Mx | .007 | 4.5 |
| 73 | MP2A | X | 1.775 | 1.5 |
| 74 | MP2A | Z | 0 | 1.5 |
| 75 | MP2A | Mx | 001 | 1.5 |
| 76 | MP2A | X | 1.775 | 3.5 |
| 77 | MP2A | Z | 0 | 3.5 |
| 78 | MP2A | Mx | 001 | 3.5 |
| 79 | MP2B | X | 3.844 | 1.5 |
| 80 | MP2B | Z | 0 | 1.5 |
| 81 | MP2B | Mx | .002 | 1.5 |
| 82 | MP2B | X | 3.844 | 3.5 |
| 83 | MP2B | Z | 0 | 3.5 |
| 84 | MP2B | Mx | .002 | 3.5 |
| 85 | MP2C | X Z | 3.844 | 1.5 |
| 86 | MP2C | | .002 | 1.5 1.5 |
| 87 88 | MP2C MP2C | Mx X | 3.844 | 3.5 |
| 89 | MP2C | Z | 0 | 3.5 |
| 90 | MP2C MP2C | Mx | .002 | 3.5 |
| 91 | 01 | X | 4.84 | 3.5 |
| 92 | 01 | Z | 0 | 1 |
| 93 | 01 | Mx | 0 | 1 |
| 94 | MP2A | X | .967 | .5 |
| 95 | MP2A | Z | 0 | .5 |
| 96 | MP2A | Mx | .000242 | .5 |
| 97 | MP2B | X | 1.688 | .5 |
| 98 | MP2B | Z | 0 | .5 |
| 99 | MP2B | Mx | 000211 | .5 |
| 100 | MP2C | X | 1.688 | .5 |
| 101 | MP2C | Ž | 0 | .5 |
| 102 | MP2C | Mx | 000211 | .5 |
| 103 | MP3A | X | 2.411 | 2 |
| 104 | MP3A | Z | 0 | 2 |
| 105 | MP3A | Mx | .001 | 2 |
| 106 | MP3B | X | 3.308 | 2 |
| 107 | MP3B | Z | 0 | 2 |
| 108 | MP3B | Mx | 000827 | 2 |
| 109 | MP3C | X | 3.308 | 2 |
| 110 | MP3C | Z | 0 | 2 |
| 111 | MP3C | Mx | 000827 | 2 |
| 112 | MP4A | X | 2.194 | 2 |
| 113 | MP4A | Z | 0 | 2 |
| 114 | MP4A | Mx | .001 | 2 |
| 115 | MP4B | X | 3.254 | 2 |
| 116 | MP4B | Z | 0 | 2 |
| 117 | MP4B | Mx | 000814 | 2 |
| 118 | MP4C | X | 3.254 | 2 |
| 119 | MP4C | Z | 0 | 2 |
| 120 | MP4C | Mx | 000814 | 2 |
| 121 | 02 | X | 4.84 | 1 |
| 122 | 02 | | 0 | 1 |
| 123 | 02 | Mx | 0 | 1 |

: Mount Analysis

Aug 11, 2021 10:30 AM Checked By:_

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

| | Manakari akal | | | L +: F# 0/1 |
|----|-------------------|-----------|-----------------------------|----------------|
| 1 | Member Label MP1B | Direction | Magnitude[lb,k-ft] 8.019 | Location[ft,%] |
| 2 | MP1B | X | 4.63 | .5 .5 |
| 3 | MP1B | Mx | 0 | .5 |
| 4 | MP1B | X | 8.019 | 4.5 |
| 5 | MP1B | Z | 4.63 | 4.5 |
| 6 | MP1B | Mx | 0 | 4.5 |
| 7 | MP1C | X | 7.377 | .5 |
| 8 | MP1C | Z | 4.259 | .5 |
| 9 | MP1C | Mx | .009 | .5 |
| 10 | MP1C | X | 7.377 | 4.5 |
| 11 | MP1C | Z | 4.259 | 4.5 |
| 12 | MP1C | Mx | .009 | 4.5 |
| 13 | MP4B | X | 8.019 | .5 |
| 14 | MP4B | Z | 4.63 | .5 |
| 15 | MP4B | Mx | 0 | .5 |
| 16 | MP4B | X | 8.019 | 4.5 |
| 17 | MP4B | Z | 4.63 | 4.5 |
| 18 | MP4B | Mx | 0 | 4.5 |
| 19 | MP4C | | 7.377 | .5 |
| 20 | MP4C | X | 4.259 | .5 |
| 21 | MP4C | Mx | .009 | .5 |
| 22 | MP4C | X | 7.377 | 4.5 |
| 23 | MP4C | Z | 4.259 | 4.5 |
| 24 | MP4C | Mx | .009 | 4.5 |
| 25 | MP1A | X | 6.31 | .5 |
| 26 | MP1A | Z | 3.643 | .5 |
| 27 | MP1A | Mx | 008 | .5 |
| 28 | MP1A | X | 6.31 | 4.5 |
| 29 | MP1A | Z | 3.643 | 4.5 |
| 30 | MP1A | Mx | 008 | 4.5 |
| 31 | MP4A | X | 6.31 | .5 |
| 32 | MP4A | Z | 3.643 | .5 |
| 33 | MP4A | Mx | 008 | .5 |
| 34 | MP4A | X | 6.31 | 4.5 |
| 35 | MP4A | Z | 3.643 | 4.5 |
| 36 | MP4A | Mx | 008 | 4.5 |
| 37 | MP3A | X | 5.034 | .5 |
| 38 | MP3A | Z | 2.906 | .5 |
| 39 | MP3A | Mx | 006 | .5 |
| 40 | MP3A | X | 5.034 | 4.5 |
| 41 | MP3A | Z | 2.906 | 4.5 |
| 42 | MP3A | Mx | 006 | 4.5 |
| 43 | MP3B | | 6.749 | |
| 44 | MP3B | X Z | 3.897 | .5 .5 |
| 45 | MP3B | Mx | .005 | .5 |
| 46 | MP3B | X | 6.749 | 4.5 |
| 47 | MP3B | Z | 3.897 | 4.5 |
| 48 | MP3B | Mx | .005 | 4.5 |
| 49 | MP3C | | 5.034 | .5 |
| 50 | MP3C | X | 2.906 | .5 .5 |
| 51 | MP3C | Mx | .002 | .5 |
| 52 | MP3C | X | 5.034 | 4.5 |
| 53 | MP3C | Z | 2.906 | 4.5 |
| 54 | MP3C | Mx | .002 | 4.5 |
| 55 | MP3A | X | 5.028 | .5 |
| 56 | MP3A | Z | 2.903 | .5 |
| 57 | MP3A | Mx | 002 | .5 |
| JI | IVII U/\ | IVIA | 002 | .5 |

: Mount Analysis

Aug 11, 2021 10:30 AM Checked By:___

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

| | CONTROLL COURT (BEO OT : | | | |
|-----|--------------------------|-----------|--------------------|----------------|
| =0 | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
| 58 | MP3A | <u>X</u> | 5.028 | 4.5 |
| 59 | MP3A | Z | 2.903 | 4.5 |
| 60 | MP3A | Mx | 002 | 4.5 |
| 61 | MP3B | X | 6.724 | .5 |
| 62 | MP3B | Z | 3.882 | .5 |
| 63 | MP3B | Mx | 005 | .5 |
| 64 | MP3B | X | 6.724 | 4.5 |
| 65 | MP3B | Z | 3.882 | 4.5 |
| 66 | MP3B | Mx | 005 | 4.5 |
| 67 | MP3C | X | 5.028 | .5 |
| 68 | MP3C | Z | 2.903 | .5 |
| 69 | MP3C | Mx | .006 | .5 |
| 70 | MP3C | X | 5.028 | 4.5 |
| 71 | MP3C | Z | 2.903 | 4.5 |
| 72 | MP3C | Mx | .006 | 4.5 |
| 73 | MP2A | X | 2.134 | 1.5 |
| 74 | MP2A | Z | 1.232 | 1.5 |
| 75 | MP2A | Mx | 002 | 1.5 |
| 76 | MP2A | X | 2.134 | 3.5 |
| 77 | MP2A | Z | 1.232 | 3.5 |
| 78 | MP2A | Mx | 002 | 3.5 |
| 79 | MP2B | X | 3.926 | 1.5 |
| 80 | MP2B | Z | 2.267 | 1.5 |
| | | | | |
| 81 | MP2B | Mx | 0 | 1.5 3.5 |
| | MP2B | X Z | 3.926 | 3.5 |
| 83 | MP2B | | 2.267 | 3.5 |
| 84 | MP2B | Mx | 0 | 3.5 |
| 85 | MP2C | X | 2.134 | 1.5 |
| 86 | MP2C | Z | 1.232 | 1.5 |
| 87 | MP2C | Mx | .002 | 1.5 |
| 88 | MP2C | X | 2.134 | 3.5 |
| 89 | MP2C | Z | 1.232 | 3.5 |
| 90 | MP2C | Mx | .002 | 3.5 |
| 91 | <u>O1</u> | X Z | 4.726 | 1 |
| 92 | 01 | | 2.729 | 1 |
| 93 | <u>O1</u> | Mx | 0 | 1 |
| 94 | MP2A | X | 1.046 | .5 |
| 95 | MP2A | Z | .604 | .5 |
| 96 | MP2A | Mx | .000262 | .5 |
| 97 | MP2B | X | 1.671 | .5 |
| 98 | MP2B | Z | .965 | .5 |
| 99 | MP2B | Mx | 0 | .5 |
| 100 | MP2C | X | 1.046 | .5 |
| 101 | MP2C | Z | .604 | .5 |
| 102 | MP2C | Mx | 000262 | .5 |
| 103 | MP3A | X | 2.347 | 2 |
| 104 | MP3A | Z | 1.355 | 2 |
| 105 | MP3A | Mx | .001 | 2 |
| 106 | MP3B | X | 3.124 | 2 |
| 107 | MP3B | Z | 1.804 | 2 |
| 108 | MP3B | Mx | 0 | 2 |
| 109 | MP3C | X | 2.347 | 2 |
| 110 | MP3C | Z | 1.355 | 2 |
| 111 | MP3C | Mx | 001 | 2 |
| 112 | MP4A | X | 2.206 | 2 |
| 113 | MP4A | Z | 1.274 | 2 |
| 114 | MP4A | Mx | .001 | 2 |
| 117 | IVII T/\ | IVIA | .001 | |

: Mount Analysis

Aug 11, 2021 10:30 AM Checked By:___

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|-----|--------------|-----------|--------------------|----------------|
| 115 | MP4B | X | 3.124 | 2 |
| 116 | MP4B | Z | 1.804 | 2 |
| 117 | MP4B | Mx | 0 | 2 |
| 118 | MP4C | X | 2.206 | 2 |
| 119 | MP4C | Z | 1.274 | 2 |
| 120 | MP4C | Mx | 001 | 2 |
| 121 | O2 | X | 4.726 | 1 |
| 122 | O2 | Z | 2.729 | 1 |
| 123 | O2 | Mx | 0 | 1 |

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|----|--------------|-----------|--------------------|----------------|
| 1 | MP1B | X | 4.506 | .5 |
| 2 | MP1B | Z | 7.805 | .5 .5 |
| 3 | MP1B | Mx | 006 | .5 |
| 4 | MP1B | Χ | 4.506 | 4.5 |
| 5 | MP1B | Z | 7.805 | 4.5 |
| 6 | MP1B | Mx | 006 | 4.5 |
| 7 | MP1C | Χ | 4.135 | .5 |
| 8 | MP1C | Z | 7.163 | .5 |
| 9 | MP1C | Mx | .01 | .5 |
| 10 | MP1C | Χ | 4.135 | 4.5 |
| 11 | MP1C | Z | 7.163 | 4.5 |
| 12 | MP1C | Mx | .01 | 4.5 |
| 13 | MP4B | Χ | 4.506 | .5 |
| 14 | MP4B | Z | 7.805 | .5 |
| 15 | MP4B | Mx | 006 | .5 |
| 16 | MP4B | Χ | 4.506 | 4.5 |
| 17 | MP4B | Ζ | 7.805 | 4.5 |
| 18 | MP4B | Mx | 006 | 4.5 |
| 19 | MP4C | Χ | 4.135 | .5 .5 |
| 20 | MP4C | Z | 7.163 | .5 |
| 21 | MP4C | Mx | .01 | .5 |
| 22 | MP4C | Χ | 4.135 | 4.5 |
| 23 | MP4C | Ζ | 7.163 | 4.5 |
| 24 | MP4C | Mx | .01 | 4.5 |
| 25 | MP1A | X Z | 2.607 | .5 |
| 26 | MP1A | | 4.515 | .5 |
| 27 | MP1A | Mx | 003 | .5 |
| 28 | MP1A | X | 2.607 | 4.5 |
| 29 | MP1A | Z | 4.515 | 4.5 |
| 30 | MP1A | Mx | 003 | 4.5 |
| 31 | MP4A | Χ | 2.607 | .5 |
| 32 | MP4A | Z | 4.515 | .5 |
| 33 | MP4A | Mx | 003 | .5 |
| 34 | MP4A | X | 2.607 | 4.5 |
| 35 | MP4A | Z | 4.515 | 4.5 |
| 36 | MP4A | Mx | 003 | 4.5 |
| 37 | MP3A | Χ | 3.567 | .5 |
| 38 | MP3A | Z | 6.178 | .5 |
| 39 | MP3A | Mx | 007 | .5 |
| 40 | MP3A | X | 3.567 | 4.5 |
| 41 | MP3A | Z | 6.178 | 4.5 |
| 42 | MP3A | Mx | 007 | 4.5 |
| 43 | MP3B | Χ | 3.567 | .5 |
| 44 | MP3B | Z | 6.178 | .5 |

: Mount Analysis

Aug 11, 2021 10:30 AM Checked By:_

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|----------|--------------|-----------|--------------------|----------------|
| 45 | MP3B | Mx | .000632 | .5 |
| 46 | MP3B | X | 3.567 | 4.5 |
| 47 | MP3B | Z | 6.178 | 4.5 |
| 48 | MP3B | Mx | .000632 | 4.5 |
| 49 | MP3C | X | 2.576 | .5 |
| 50 | MP3C | Z | 4.462 | .5 |
| 51 | MP3C | Mx | .004 | .5 |
| 52 | MP3C | X | 2.576 | 4.5 |
| 53 | MP3C | Z | 4.462 | 4.5 |
| 54 | MP3C | Mx | .004 | 4.5 |
| 55 | MP3A | X | 3.556 | .5 |
| 56 | MP3A | Z | 6.159 | .5 |
| 57 | MP3A | Mx | .000629 | .5 |
| 58 | MP3A | X | 3.556 | 4.5 |
| 59 | MP3A | Z | 6.159 | 4.5 |
| 60 | MP3A | Mx | .000629 | 4.5 |
| 61 | MP3B | X | 3.556 | .5 |
| 62 | MP3B | Z | 6.159 | .5 |
| 63 | MP3B | Mx | 007 | .5 |
| 64 | MP3B | X | 3.556 | 4.5 |
| 65 | MP3B | Z | 6.159 | 4.5 |
| 66 | MP3B | Mx | 007 | 4.5 |
| 67 | MP3C | X | 2.576 | .5 |
| 68 | MP3C | Z | 4.462 | .5 |
| 69 | MP3C | Mx | .004 | .5 |
| 70 | MP3C | X | 2.576 | 4.5 |
| 71 | MP3C | Z | 4.462 | 4.5 |
| 72 | MP3C | Mx | .004 | 4.5 |
| 73 | MP2A | X | 1.922 | 1.5 |
| 74 | MP2A | Z | 3.329 | 1.5 |
| 75 | MP2A | Mx | 002 | 1.5 |
| 76 | MP2A | X | 1.922 | 3.5 |
| 77 | MP2A | Z | 3.329 | 3.5 |
| 78 | MP2A | Mx | 002 | 3.5 |
| 79 | MP2B | X | 1.922 | 1.5 |
| 80 | MP2B | Z | 3.329 | 1.5 |
| 81 | MP2B | Mx | 002 | 1.5 |
| 82 | MP2B MP2B | X Z | 1.922 | 3.5 3.5 |
| 83 | | | 3.329 | 3.5 |
| 84 85 | MP2B MP2C | Mx X | 002 .887 | 3.5 1.5 |
| | | Z | | 1.5 |
| 86 87 | MP2C MP2C | Mx | 1.537 .001 | 1.5 |
| 88 | MP2C MP2C | X | .887 | 3.5 |
| 89 | MP2C | Z | 1.537 | 3.5 |
| 90 | MP2C | Mx | .001 | 3.5 |
| 91 | 01 | X | 3.347 | 3.5 |
| 92 | 01 | Z | 5.797 | 1 |
| 93 | 01 01 | Mx | 0 | 1 |
| 94 | MP2A | X | .844 | .5 |
| 95 | MP2A | Z | 1.462 | .5 |
| 96 | MP2A | Mx | .000211 | .5 |
| 97 | MP2B | X | .844 | 5 |
| 98 | MP2B | Z | 1.462 | .5 .5 |
| 99 | MP2B | Mx | .000211 | .5 |
| 100 | MP2C | X | .483 | .5 |
| 101 | MP2C | Z | .837 | .5 |
| | 1111 20 | | .507 | |

Mount Analysis

Aug 11, 2021 10:30 AM Checked By:_

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|-----|--------------|-----------|--------------------|----------------|
| 102 | MP2C | Mx | 000242 | .5 |
| 103 | MP3A | Χ | 1.654 | 2 |
| 104 | MP3A | Z | 2.865 | 2 |
| 105 | MP3A | Mx | .000827 | 2 |
| 106 | MP3B | Χ | 1.654 | 2 |
| 107 | MP3B | Z | 2.865 | 2 |
| 108 | MP3B | Mx | .000827 | 2 |
| 109 | MP3C | Χ | 1.206 | 2 |
| 110 | MP3C | Z | 2.088 | 2 |
| 111 | MP3C | Mx | 001 | 2 |
| 112 | MP4A | Χ | 1.627 | 2 |
| 113 | MP4A | Z | 2.818 | 2 |
| 114 | MP4A | Mx | .000814 | 2 |
| 115 | MP4B | Χ | 1.627 | 2 |
| 116 | MP4B | Z | 2.818 | 2 |
| 117 | MP4B | Mx | .000813 | 2 |
| 118 | MP4C | Χ | 1.097 | 2 |
| 119 | MP4C | Z | 1.9 | 2 |
| 120 | MP4C | Mx | 001 | 2 |
| 121 | O2 | Χ | 3.347 | 1 |
| 122 | O2 | Z | 5.797 | 1 |
| 123 | 02 | Mx | 0 | 1 |

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|----|--------------|-----------|--------------------|----------------|
| 1 | MP1B | Χ | 0 | .5 |
| 2 | MP1B | Z | 8.518 | .5 |
| 3 | MP1B | Mx | 009 | .5 |
| 4 | MP1B | Χ | 0 | 4.5 |
| 5 | MP1B | Z | 8.518 | 4.5 |
| 6 | MP1B | Mx | 009 | 4.5 |
| 7 | MP1C | Χ | 0 | .5 |
| 8 | MP1C | Z | 8.518 | .5 |
| 9 | MP1C | Mx | .009 | .5 |
| 10 | MP1C | Χ | 0 | 4.5 |
| 11 | MP1C | Z | 8.518 | 4.5 |
| 12 | MP1C | Mx | .009 | 4.5 |
| 13 | MP4B | Χ | 0 | .5 |
| 14 | MP4B | Z | 8.518 | .5 |
| 15 | MP4B | Mx | 009 | .5 |
| 16 | MP4B | Χ | 0 | 4.5 |
| 17 | MP4B | Z | 8.518 | 4.5 |
| 18 | MP4B | Mx | 009 | 4.5 |
| 19 | MP4C | X | 0 | .5 |
| 20 | MP4C | Z | 8.518 | .5 |
| 21 | MP4C | Mx | .009 | .5 |
| 22 | MP4C | Χ | 0 | 4.5 |
| 23 | MP4C | Z | 8.518 | 4.5 |
| 24 | MP4C | Mx | .009 | 4.5 |
| 25 | MP1A | Χ | 0 | .5 |
| 26 | MP1A | Z | 4.177 | .5 |
| 27 | MP1A | Mx | 0 | .5 |
| 28 | MP1A | Χ | 0 | 4.5 |
| 29 | MP1A | Z | 4.177 | 4.5 |
| 30 | MP1A | Mx | 0 | 4.5 |
| 31 | MP4A | X | 0 | .5 |

: Mount Analysis

Aug 11, 2021 10:30 AM Checked By:____

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

| | CIT OHIL LOUGS (BLO CO. | | | |
|----|-------------------------|-----------|--------------------|----------------|
| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
| 32 | MP4A | Z | 4.177 | .5 |
| 33 | MP4A | Mx | 0 | .5 |
| 34 | MP4A | X | 0 | 4.5 |
| 35 | MP4A | Z | 4.177 | 4.5 |
| 36 | MP4A | Mx | 0 | 4.5 |
| 37 | MP3A | X | 0 | .5 |
| 38 | MP3A | Z | 7.794 | .5 |
| 39 | MP3A | Mx | 005 | .5 |
| 40 | MP3A | X | 0 | 4.5 |
| 41 | MP3A | Z | 7.794 | 4.5 |
| 42 | MP3A | Mx | 005 | 4.5 |
| 43 | MP3B | X | 0 | .5 |
| 44 | MP3B | Z | 5.813 | .5 |
| 45 | MP3B | Mx | 003 | .5 |
| 46 | MP3B | X | 0 | 4.5 |
| 47 | MP3B | Z | 5.813 | 4.5 |
| 48 | MP3B | Mx | 003 | 4.5 |
| 49 | MP3C | X | 0 | .5 |
| 50 | MP3C | Z | 5.813 | .5 |
| 51 | MP3C | Mx | .006 | .5 |
| 52 | MP3C | X | 0 | 4.5 |
| 53 | MP3C | Z | 5.813 | 4.5 |
| 54 | MP3C | Mx | .006 | 4.5 |
| 55 | MP3A | X Z | 0 | .5 |
| 56 | MP3A | | 7.765 | .5 |
| 57 | MP3A | Mx | .005 | .5 |
| 58 | MP3A | X | 0 | 4.5 |
| 59 | MP3A | Z | 7.765 | 4.5 |
| 60 | MP3A | Mx | .005 | 4.5 |
| 61 | MP3B | X | 0 | .5 |
| 62 | MP3B | Z | 5.805 | .5 |
| 63 | MP3B | Mx | 006 | .5 |
| 64 | MP3B | X | 0 | 4.5 |
| 65 | MP3B | Z | 5.805 | 4.5 |
| 66 | MP3B | Mx | 006 | 4.5 |
| 67 | MP3C | X | 0 | .5 |
| 68 | MP3C | Z | 5.805 | .5 |
| 69 | MP3C | Mx | .002 | .5 |
| 70 | MP3C | X | 0 | 4.5 |
| 71 | MP3C | Z | 5.805 | 4.5 |
| 72 | MP3C | Mx | .002 | 4.5 |
| 73 | MP2A | X | 0 | 1.5 |
| 74 | MP2A | Z | 4.533 | 1.5 |
| 75 | MP2A | Mx | 0 | 1.5 |
| 76 | MP2A | X | 0 | 3.5 |
| 77 | MP2A | Z | 4.533 | 3.5 |
| 78 | MP2A | Mx | 0 | 3.5 |
| 79 | MP2B | X | 0 | 1.5 |
| 80 | MP2B | Z | 2.464 | 1.5 |
| 81 | MP2B | Mx | 002 | 1.5 |
| 82 | MP2B | X | 0 | 3.5 |
| 83 | MP2B | Z | 2.464 | 3.5 |
| 84 | MP2B | Mx V | 002 | 3.5 |
| 85 | MP2C | X Z | 0 | 1.5 |
| 86 | MP2C | | 2.464 | 1.5 |
| 87 | MP2C | Mx X | .002 | 1.5 3.5 |
| 00 | MP2C | Λ | 0 | 3.5 |

: Mount Analysis

Aug 11, 2021 10:30 AM Checked By:_

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|-----|--------------|-----------|--------------------|----------------|
| 89 | MP2C | Z | 2.464 | 3.5 |
| 90 | MP2C | Mx | .002 | 3.5 |
| 91 | 01 | Χ | 0 | 1 |
| 92 | 01 | Z | 7.311 | 1 |
| 93 | 01 | Mx | 0 | 1 |
| 94 | MP2A | Х | 0 | .5 |
| 95 | MP2A | Z | 1.929 | .5 |
| 96 | MP2A | Mx | 0 | .5 |
| 97 | MP2B | Χ | 0 | .5 |
| 98 | MP2B | Z | 1.207 | .5 |
| 99 | MP2B | Mx | .000261 | .5 |
| 100 | MP2C | X | 0 | .5 |
| 101 | MP2C | Z | 1.207 | .5 |
| 102 | MP2C | Mx | 000261 | .5 |
| 103 | MP3A | X | 0 | 2 |
| 104 | MP3A | Z | 3.607 | 2 |
| 105 | MP3A | Mx | 0 | 2 |
| 106 | MP3B | X | 0 | 2 |
| 107 | MP3B | Z | 2.71 | 2 |
| 108 | MP3B | Mx | .001 | 2 |
| 109 | MP3C | X | 0 | 2 |
| 110 | MP3C | Z | 2.71 | 2 |
| 111 | MP3C | Mx | 001 | 2 |
| 112 | MP4A | X | 0 | 2 |
| 113 | MP4A | Z | 3.607 | 2 |
| 114 | MP4A | Mx | 0 | 2 |
| 115 | MP4B | X | 0 | 2 |
| 116 | MP4B | Z | 2.548 | 2 |
| 117 | MP4B | Mx | .001 | 2 |
| 118 | MP4C | X | 0 | 2 |
| 119 | MP4C | Z | 2.548 | 2 |
| 120 | MP4C | Mx | 001 | 2 |
| 121 | 02 | X | 0 | 1 |
| 122 | 02 | Z | 7.311 | 1 |
| 123 | 02 | Mx | 0 | 1 |

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|----|--------------|-----------|--------------------|----------------|
| 1 | MP1B | Χ | -4.135 | .5 |
| 2 | MP1B | Ζ | 7.163 | .5 |
| 3 | MP1B | Mx | 01 | .5 |
| 4 | MP1B | Χ | -4.135 | 4.5 |
| 5 | MP1B | Z | 7.163 | 4.5 |
| 6 | MP1B | Mx | 01 | 4.5 |
| 7 | MP1C | Χ | -4.506 | .5 |
| 8 | MP1C | Z | 7.805 | .5 |
| 9 | MP1C | Mx | .006 | .5 |
| 10 | MP1C | X | -4.506 | 4.5 |
| 11 | MP1C | Z | 7.805 | 4.5 |
| 12 | MP1C | Mx | .006 | 4.5 |
| 13 | MP4B | Χ | -4.135 | .5 |
| 14 | MP4B | Ζ | 7.163 | .5 |
| 15 | MP4B | Mx | 01 | .5 |
| 16 | MP4B | Χ | -4.135 | 4.5 |
| 17 | MP4B | Ζ | 7.163 | 4.5 |
| 18 | MP4B | Mx | 01 | 4.5 |

: Mount Analysis

Aug 11, 2021 10:30 AM Checked By:___

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|----------|--------------|-----------|--------------------|----------------|
| 19 | MP4C | X | -4.506 | .5 |
| 20 | MP4C | Z | 7.805 | .5 |
| 21 | MP4C | Mx | .006 | .5 |
| 22 | MP4C | X | -4.506 | 4.5 |
| 23 | MP4C | Z | 7.805 | 4.5 |
| 24 | MP4C | Mx | .006 | 4.5 |
| 25 | MP1A | X | -2.607 | .5 |
| 26 | MP1A | Z | 4.515 | .5 |
| 27 | MP1A | Mx | .003 | .5 |
| 28 | MP1A | X | -2.607 | 4.5 |
| 29 | MP1A | Z | 4.515 | 4.5 |
| 30 | MP1A | Mx | .003 | 4.5 |
| 31 | MP4A | X | -2.607 | .5 |
| 32 | MP4A | Z | 4.515 | .5 |
| 33 | MP4A | Mx | .003 | .5 |
| 34 | MP4A | X | -2.607 | 4.5 |
| 35 | MP4A | Z | 4.515 | 4.5 |
| 36 | MP4A | Mx | .003 | 4.5 |
| 37 | MP3A | X | -3.567 | .5 |
| 38 | MP3A | Z | 6.178 | .5 |
| 39 | MP3A | Mx | 000631 | .5 |
| 40 | MP3A | X | -3.567 | 4.5 |
| 41 | MP3A | Z | 6.178 | 4.5 |
| 42 | MP3A | Mx | 000631 | 4.5 |
| 43 | MP3B | X | -2.576 | .5 |
| 44 | MP3B | Z | 4.462 | .5 |
| 45 | MP3B | Mx | 004 | .5 |
| 46 | MP3B | X | -2.576 | 4.5 |
| 47 | MP3B | Z | 4.462 | 4.5 |
| 48 | MP3B | Mx | 004 | 4.5 |
| 49 | MP3C | X | -3.567 | .5 |
| 50 | MP3C | Z | 6.178 | .5 |
| 51 | MP3C | Mx | .007 | .5 |
| 52 | MP3C | X | -3.567 | 4.5 |
| 53 | MP3C | Z | 6.178 | 4.5 |
| 54 | MP3C | Mx | .007 | 4.5 |
| 55 | MP3A | X | -3.556 | .5 |
| 56 | MP3A | Z | 6.159 | .5 |
| 57 | MP3A | Mx | .007 | .5 |
| 58 | MP3A | X Z | -3.556 | 4.5 |
| 59 | MP3A | | 6.159 | 4.5 |
| 60 | MP3A | Mx V | .007 | 4.5 |
| 61 62 | MP3B MP3B | X Z | -2.576 4.462 | .5 .5 |
| 63 | MP3B | Mx | 004 | .5 .5 |
| 64 | MP3B | X | -2.576 | .5 4.5 |
| | | Z | | |
| 65 66 | MP3B MP3B | Mx | 4.462 004 | 4.5 4.5 |
| 67 | MP3C | X | -3.556 | 4.5 .5 |
| 68 | MP3C | Z | 6.159 | .5 .5 |
| 69 | MP3C | Mx | 00063 | .5 .5 |
| 70 | MP3C | X | -3.556 | 4.5 |
| 71 | MP3C MP3C | Z | 6.159 | 4.5 |
| 71 | MP3C MP3C | Mx | 00063 | 4.5 |
| 73 | MP2A | X | -1.922 | 1.5 |
| 74 | MP2A MP2A | Z | 3.329 | 1.5 |
| 75 | MP2A MP2A | Mx | .002 | 1.5 |
| 75 | IVIPZA | IVIX | .002 | 1.0 |

: Mount Analysis

Aug 11, 2021 10:30 AM Checked By:____

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

| Member Point Loads (BLC 34 : Antenna Wm (210 Deg)) (Continued) | | | | | |
|--|--------------|-----------|--------------------|----------------|--|
| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] | |
| 76 | MP2A | X | -1.922 | 3.5 | |
| 77 | MP2A | Z | 3.329 | 3.5 | |
| 78 | MP2A | Mx | .002 | 3.5 | |
| 79 | MP2B | X | 887 | 1.5 | |
| 80 | MP2B | Z | 1.537 | 1.5 | |
| 81 | MP2B | Mx | 001 | 1.5 | |
| 82 | MP2B | X | 887 | 3.5 | |
| 83 | MP2B | Z | 1.537 | 3.5 | |
| 84 | MP2B | Mx | 001 | 3.5 | |
| 85 | MP2C | X | -1.922 | 1.5 | |
| 86 | MP2C | Z | 3.329 | 1.5 | |
| 87 | MP2C | Mx | .002 | 1.5 | |
| 88 | MP2C | X | -1.922 | 3.5 | |
| 89 | MP2C | Z | 3.329 | 3.5 | |
| 90 | MP2C | Mx | .002 | 3.5 | |
| 91 | <u> </u> | X | -3.347 | 1 | |
| 92 | 01 | Z | 5.797 | 1 | |
| 93 | <u>O1</u> | Mx | 0 | 1 | |
| 94 | MP2A | X | 844 | .5 | |
| 95 | MP2A | Z | 1.462 | .5 | |
| 96 | MP2A | Mx | 000211 | .5 | |
| 97 | MP2B | X | 483 | .5 | |
| 98 | MP2B | Z | .837 | .5 | |
| 99 | MP2B | Mx | .000242 | .5 | |
| 100 | MP2C | X | 844 | .5 | |
| 101 | MP2C | Z | 1.462 | .5 | |
| 102 | MP2C | Mx | 000211 | .5 | |
| 103 | MP3A | X | -1.654 | 2 | |
| 104 | MP3A | Z | 2.865 | 2 | |
| 105 | MP3A | Mx | 000827 | 2 | |
| 106 | MP3B | X | -1.206 | 2 | |
| 107 | MP3B | Z | 2.088 | 2 | |
| 108 | MP3B | Mx | .001 | 2 2 | |
| 109 | MP3C MP3C | X Z | -1.654 2.865 | 2 | |
| 111 | MP3C MP3C | Mx | | 2 | |
| 112 | MP4A | X | 000827 -1.627 | 2 | |
| 113 | MP4A MP4A | Z | 2.818 | | |
| 114 | MP4A | Mx | 000814 | 2 2 | |
| 115 | MP4B | X | -1.097 | 2 | |
| 116 | MP4B | Z | 1.9 | 2 | |
| 117 | MP4B | Mx | .001 | 2 | |
| 118 | MP4C | X | -1.627 | 2 | |
| 119 | MP4C | Z | 2.818 | 2 | |
| 120 | MP4C | Mx | 000813 | 2 | |
| 121 | 02 | X | -3.347 | 1 | |
| 122 | 02 | Z | 5.797 | 1 | |
| 123 | 02 02 | Mx | 0 | 1 | |
| 123 | UZ | IVIX | U | ſ | |

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|---|--------------|-----------|--------------------|----------------|
| 1 | MP1B | X | -7.377 | .5 |
| 2 | MP1B | Z | 4.259 | .5 |
| 3 | MP1B | Mx | 009 | .5 |
| 4 | MP1B | Χ | -7.377 | 4.5 |
| 5 | MP1B | Z | 4.259 | 4.5 |

: Mount Analysis

Aug 11, 2021 10:30 AM Checked By:_

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|----|--------------|-----------|--------------------|----------------|
| 6 | MP1B | Mx | 009 | 4.5 |
| 7 | MP1C | X | -8.019 | .5 |
| 8 | MP1C | Z | 4.63 | .5 |
| 9 | MP1C | Mx | 0 | .5 |
| 10 | MP1C | X | -8.019 | 4.5 |
| 11 | MP1C | Z | 4.63 | 4.5 |
| 12 | MP1C | Mx | 0 | 4.5 |
| 13 | MP4B | X | -7.377 | .5 |
| 14 | MP4B | Z | 4.259 | .5 |
| 15 | MP4B | Mx | 009 | .5 |
| 16 | MP4B | X | -7.377 | 4.5 |
| 17 | MP4B | Z | 4.259 | 4.5 |
| 18 | MP4B | Mx | 009 | 4.5 |
| 19 | MP4C | X | -8.019 | .5 |
| 20 | MP4C | Z | 4.63 | .5 |
| 21 | MP4C | Mx | 0 | .5 |
| 22 | MP4C | X | -8.019 | 4.5 |
| 23 | MP4C | Z | 4.63 | 4.5 |
| 24 | MP4C | Mx | 0 | 4.5 |
| 25 | MP1A | X | -6.31 | .5 |
| 26 | MP1A | Z | 3.643 | .5 |
| 27 | MP1A | Mx | .008 | .5 |
| 28 | MP1A | X | -6.31 | 4.5 |
| 29 | MP1A | Z | 3.643 | 4.5 |
| 30 | MP1A | Mx | .008 | 4.5 |
| 31 | MP4A | X | -6.31 | .5 |
| 32 | MP4A | Z | 3.643 | .5 |
| 33 | MP4A | Mx | .008 | .5 |
| 34 | MP4A | X | -6.31 | 4.5 |
| 35 | MP4A | Z | 3.643 | 4.5 |
| 36 | MP4A | Mx | .008 | 4.5 |
| 37 | MP3A | X | -5.034 | .5 |
| 38 | MP3A | Z | 2.906 | .5 |
| 39 | MP3A | Mx | .003 | .5 |
| 40 | MP3A | X | -5.034 | 4.5 |
| 41 | MP3A | Z | 2.906 | 4.5 |
| 42 | MP3A | Mx | .003 | 4.5 |
| 43 | MP3B | X | -5.034 | .5 |
| 44 | MP3B | Z | 2.906 | .5 |
| 45 | MP3B | Mx | 006 | .5 |
| 46 | MP3B | X | -5.034 | 4.5 |
| 47 | MP3B | Z | 2.906 | 4.5 |
| 48 | MP3B | Mx | 006 | 4.5 |
| 49 | MP3C | X | -6.749 | .5 |
| 50 | MP3C | Z | 3.897 | .5 |
| 51 | MP3C | Mx | .005 | .5 |
| 52 | MP3C | X | -6.749 | 4.5 |
| 53 | MP3C | Z | 3.897 | 4.5 |
| 54 | MP3C | Mx | .005 | 4.5 |
| 55 | MP3A | X | -5.028 | .5 |
| 56 | MP3A | Z | 2.903 | .5 |
| 57 | MP3A | Mx | .006 | .5 |
| 58 | MP3A | X | -5.028 | 4.5 |
| 59 | MP3A | Z | 2.903 | 4.5 |
| 60 | MP3A | Mx | .006 | 4.5 |
| 61 | MP3B | X | -5.028 | .5 |
| 62 | MP3B | Z | 2.903 | .5 |

Mount Analysis

Aug 11, 2021 10:30 AM Checked By:_

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

| 11101111 | ber Point Loads (BLC 35 : A | - | | |
|------------|-----------------------------|--------------|--------------------|----------------|
| 60 | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
| 63 | MP3B | Mx | 002 | .5 |
| 64 | MP3B | X Z | -5.028 | 4.5 |
| 65 66 | MP3B MP3B | Mx | 2.903 002 | 4.5 4.5 |
| 67 | MP3C | X | -6.724 | .5 |
| 68 | MP3C | Z | 3.882 | .5 |
| 69 | MP3C | Mx | 005 | .5 |
| 70 | MP3C | X | -6.724 | 4.5 |
| 71 | MP3C | Z | 3.882 | 4.5 |
| 72 | MP3C | Mx | 005 | 4.5 |
| 73 | MP2A | X | -2.134 | 1.5 |
| 74 | MP2A | Z | 1.232 | 1.5 |
| 75 | MP2A | Mx | .002 | 1.5 |
| 76 | MP2A | X | -2.134 | 3.5 |
| 77 | MP2A | Z | 1.232 | 3.5 |
| 78 | MP2A | Mx | .002 | 3.5 |
| 79 | MP2B | X | -2.134 | 1.5 |
| 80 | MP2B | Z | 1.232 | 1.5 |
| 81 | MP2B | Mx | 002 | 1.5 |
| 82 | MP2B | X | -2.134 | 3.5 |
| 83 | MP2B | Z | 1.232 | 3.5 |
| 84 | MP2B | Mx | 002 | 3.5 |
| 85 | MP2C | X | -3.926 | 1.5 |
| 86 | MP2C | Z | 2.267 | 1.5 |
| 87 | MP2C | Mx | 0 | 1.5 |
| 88 | MP2C | X | -3.926 | 3.5 |
| 89 | MP2C | Z | 2.267 | 3.5 |
| 90 | MP2C | Mx | 0 | 3.5 |
| 91 | 01 | X | -4.726 | 1 |
| 92 | O1 | Z | 2.729 | 1 |
| 93 | <u>O1</u> | Mx | 0 | 1 |
| 94 | MP2A | X | -1.046 | .5 |
| 95 | MP2A | Z | .604 | .5 |
| 96 | MP2A | Mx | 000262 | .5 |
| 97 | MP2B | X | -1.046 | .5 |
| 98 | MP2B | Z | .604 | .5 |
| 99 | MP2B | Mx | .000262 | .5 |
| 100 | MP2C | X | -1.671 | . <u>5</u> |
| 101 | MP2C | Z | .965 | .5 |
| 102 | MP2C | Mx | 0 | .5 |
| 103 | MP3A | X | -2.347 | 2 |
| 104 | MP3A | | 1.355 | 2 |
| 105 106 | MP3A | Mx X | 001 -2.347 | 2 2 |
| 107 | MP3B MP3B | Z | 1.355 | 2 |
| 107 | MP3B | Mx | .001 | 2 |
| 109 | MP3C | X | -3.124 | 2 |
| 110 | MP3C | 7 | 1.804 | 2 2 |
| 111 | MP3C | Mx | 0 | 2 |
| 112 | MP4A | X | -2.206 | 2 2 |
| 113 | MP4A | Z | 1.274 | 2 |
| 114 | MP4A | Mx | 001 | 2 |
| 115 | MP4B | X | -2.206 | 2 |
| 116 | MP4B | Z | 1.274 | 2 2 |
| 117 | MP4B | Mx | .001 | 2 |
| 118 | MP4C | X | -3.124 | 2 |
| 119 | MP4C | Z | 1.804 | 2 |
| | | - | | |

: Mount Analysis

Aug 11, 2021 10:30 AM Checked By:___

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|-----|--------------|-----------|--------------------|----------------|
| 120 | MP4C | Mx | 0 | 2 |
| 121 | O2 | Χ | -4.726 | 1 |
| 122 | O2 | Z | 2.729 | 1 |
| 123 | O2 | Mx | 0 | 1 |

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|----|--------------|-----------|--------------------|----------------|
| 1 | MP1B | X | -9.012 | .5 |
| 2 | MP1B | Z | 0 | .5 |
| 3 | MP1B | Mx | 006 | .5 |
| 4 | MP1B | X | -9.012 | 4.5 |
| 5 | MP1B | Z | 0 | 4.5 |
| 6 | MP1B | Mx | 006 | 4.5 |
| 7 | MP1C | X | -9.012 | .5 |
| 8 | MP1C | Z | 0 | .5 |
| 9 | MP1C | Mx | 006 | .5 |
| 10 | MP1C | X | -9.012 | 4.5 |
| 11 | MP1C | Z | 0 | 4.5 |
| 12 | MP1C | Mx | 006 | 4.5 |
| 13 | MP4B | X | -9.012 | .5 |
| 14 | MP4B | Z | 0 | .5 |
| 15 | MP4B | Mx | 006 | .5 |
| 16 | MP4B | X | -9.012 | 4.5 |
| 17 | MP4B | Z | 0 | 4.5 |
| 18 | MP4B | Mx | 006 | 4.5 |
| 19 | MP4C | X | -9.012 | .5 |
| 20 | MP4C | Z | 0 | .5 |
| 21 | MP4C | Mx | 006 | .5 |
| 22 | MP4C | X | -9.012 | 4.5 |
| 23 | MP4C | Z | 0 | 4.5 |
| 24 | MP4C | Mx | 006 | 4.5 |
| 25 | MP1A | X | -8.323 | .5 |
| 26 | MP1A | Z | 0 | .5 |
| 27 | MP1A | Mx | .01 | .5 |
| 28 | MP1A | X | -8.323 | 4.5 |
| 29 | MP1A | Z | 0 | 4.5 |
| 30 | MP1A | Mx | .01 | 4.5 |
| 31 | MP4A | X | -8.323 | .5 |
| 32 | MP4A | Z | 0 | .5 |
| 33 | MP4A | Mx | .01 | .5 |
| 34 | MP4A | X Z | -8.323 | 4.5 |
| 35 | MP4A | | 0 | 4.5 |
| 36 | MP4A | Mx | .01 | 4.5 |
| 37 | MP3A | X | -5.152 | .5 |
| 38 | MP3A | Z | 0 | .5 |
| 39 | MP3A | Mx | .004 | .5 |
| 40 | MP3A | X | -5.152 | 4.5 |
| 41 | MP3A | Z | 0 .004 | 4.5 |
| 42 | MP3A | Mx | | 4.5 |
| 43 | MP3B | X Z | -7.133 | .5 |
| 44 | MP3B | | 007 | .5 .5 |
| 45 | MP3B | Mx X | | .5 4.5 |
| 46 | MP3B | Z Z | -7.133 | 4.5 |
| 47 | MP3B | | 0 | 4.5 |
| 48 | MP3B | Mx V | 007 | 4.5 |
| 49 | MP3C | X | -7.133 | .5 |

: Mount Analysis

Aug 11, 2021 10:30 AM Checked By:_

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

| 11101111001 | r Point Loads (BLC 36 : | | | 1 1: F(1.0/1 |
|-------------|-------------------------|-------------|----------------------|----------------|
| 50 | Member Label MP3C | Direction Z | Magnitude[lb,k-ft] 0 | Location[ft,%] |
| 51 | MP3C | Mx | .000631 | .5 .5 |
| 52 | MP3C | X | -7.133 | 4.5 |
| 53 | MP3C | Z | 0 | 4.5 |
| 54 | MP3C | Mx | .000631 | 4.5 |
| 55 | MP3A | X | -5.152 | .5 |
| 56 | MP3A | Z | 0 | .5 |
| 57 | MP3A | Mx | .004 | .5 |
| 58 | MP3A | X | -5.152 | 4.5 |
| 59 | MP3A | Z | 0 | 4.5 |
| 60 | MP3A | Mx | .004 | 4.5 |
| 61 | MP3B | X | -7.112 | .5 |
| 62 | MP3B | Z | 0 | .5 |
| 63 | MP3B | Mx | .00063 | .5 |
| 64 | MP3B | X | -7.112 | 4.5 |
| 65 | MP3B | Z | 0 | 4.5 |
| 66 | MP3B | Mx | .00063 | 4.5 |
| 67 | MP3C | X | -7.112 | .5 |
| 68 | MP3C | Z | 0 | .5 |
| 69 | MP3C | Mx | 007 | .5 |
| 70 | MP3C | X | -7.112 | 4.5 |
| 71 | MP3C | Z | 0 | 4.5 |
| 72 | MP3C | Mx | 007 | 4.5 |
| 73 | MP2A | X | -1.775 | 1.5 |
| 74 | MP2A | Z | 0 | 1.5 |
| 75 | MP2A | Mx | .001 | 1.5 |
| 76 | MP2A | X | -1.775 | 3.5 |
| 77 | MP2A | Z | 0 | 3.5 |
| 78 | MP2A | Mx | .001 | 3.5 |
| 79 | MP2B | X | -3.844 | 1.5 |
| 80 | MP2B | Z | 0 | 1.5 |
| 81 | MP2B | Mx | 002 | 1.5 |
| 82 | MP2B | X | -3.844 | 3.5 |
| 83 | MP2B | Z | 0 | 3.5 |
| 84 | MP2B | Mx | 002 | 3.5 |
| 85 | MP2C | X | -3.844 | 1.5 |
| 86 | MP2C | Z | 0 | 1.5 |
| 87 | MP2C | Mx | 002 | 1.5 |
| 88 | MP2C | X | -3.844 | 3.5 |
| 89 | MP2C | Z | 0 | 3.5 |
| 90 | MP2C O1 | Mx X | 002 -4.84 | 3.5 |
| 92 | 01 | Z | -4.84 | 1 |
| 93 | 01 01 | Mx | 0 | 1 |
| 94 | MP2A | X | 967 | .5 |
| 95 | MP2A | Z | 907 | .5 .5 |
| 96 | MP2A | Mx | 000242 | .5 |
| 97 | MP2B | X | -1.688 | |
| 98 | MP2B | Z | 0 | .5 .5 |
| 99 | MP2B | Mx | .000211 | .5 |
| 100 | MP2C | X | -1.688 | .5 |
| 101 | MP2C | Z | 0 | .5 |
| 102 | MP2C | Mx | .000211 | .5 .5 |
| 103 | MP3A | X | -2.411 | 2 |
| 104 | MP3A | Z | 0 | 2 2 |
| 105 | MP3A | Mx | 001 | 2 |
| 106 | MP3B | X | -3.308 | 2 |

: Mount Analysis

Aug 11, 2021 10:30 AM Checked By:_

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|-----|--------------|-----------|--------------------|----------------|
| 107 | MP3B | Z | 0 | 2 |
| 108 | MP3B | Mx | .000827 | 2 |
| 109 | MP3C | Χ | -3.308 | 2 |
| 110 | MP3C | Z | 0 | 2 |
| 111 | MP3C | Mx | .000827 | 2 |
| 112 | MP4A | X | -2.194 | 2 |
| 113 | MP4A | Z | 0 | 2 |
| 114 | MP4A | Mx | 001 | 2 |
| 115 | MP4B | Χ | -3.254 | 2 |
| 116 | MP4B | Z | 0 | 2 |
| 117 | MP4B | Mx | .000814 | 2 |
| 118 | MP4C | Χ | -3.254 | 2 |
| 119 | MP4C | Z | 0 | 2 |
| 120 | MP4C | Mx | .000814 | 2 |
| 121 | O2 | X | -4.84 | 1 |
| 122 | O2 | Z | 0 | 1 |
| 123 | O2 | Mx | 0 | 1 |

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|----|--------------|-----------|--------------------|----------------|
| 1 | MP1B | X | -8.019 | .5 |
| 2 | MP1B | Z | -4.63 | .5 |
| 3 | MP1B | Mx | 0 | .5 |
| 4 | MP1B | X | -8.019 | 4.5 |
| 5 | MP1B | Z | -4.63 | 4.5 |
| 6 | MP1B | Mx | 0 | 4.5 |
| 7 | MP1C | X | -7.377 | .5 |
| 8 | MP1C | Z | -4.259 | .5 |
| 9 | MP1C | Mx | 009 | .5 |
| 10 | MP1C | X | -7.377 | 4.5 |
| 11 | MP1C | Z | -4.259 | 4.5 |
| 12 | MP1C | Mx | 009 | 4.5 |
| 13 | MP4B | X | -8.019 | .5 |
| 14 | MP4B | Z | -4.63 | .5 |
| 15 | MP4B | Mx | 0 | .5 |
| 16 | MP4B | X | -8.019 | 4.5 |
| 17 | MP4B | Z | -4.63 | 4.5 |
| 18 | MP4B | Mx | 0 | 4.5 |
| 19 | MP4C | X | -7.377 | .5 |
| 20 | MP4C | Z | -4.259 | .5 |
| 21 | MP4C | Mx | 009 | .5 |
| 22 | MP4C | X | -7.377 | 4.5 |
| 23 | MP4C | Z | -4.259 | 4.5 |
| 24 | MP4C | Mx | 009 | 4.5 |
| 25 | MP1A | X | -6.31 | .5 |
| 26 | MP1A | Z | -3.643 | .5 |
| 27 | MP1A | Mx | .008 | .5 |
| 28 | MP1A | X | -6.31 | 4.5 |
| 29 | MP1A | Z | -3.643 | 4.5 |
| 30 | MP1A | Mx | .008 | 4.5 |
| 31 | MP4A | X | -6.31 | .5 |
| 32 | MP4A | Z | -3.643 | .5 |
| 33 | MP4A | Mx | .008 | .5 |
| 34 | MP4A | X | -6.31 | 4.5 |
| 35 | MP4A | Z | -3.643 | 4.5 |
| 36 | MP4A | Mx | .008 | 4.5 |

Mount Analysis

Aug 11, 2021 10:30 AM Checked By:_

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

| IVICIII | ber Point Loads (BLC 37 : A | internia vviii (300) | Deg)) (Continued) | |
|---------|-----------------------------|----------------------|--------------------|----------------|
| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
| 37 | MP3A | X | -5.034 | .5 |
| 38 | MP3A | Z | -2.906 | .5 |
| 39 | MP3A | Mx | .006 | .5 |
| 40 | MP3A | X | -5.034 | 4.5 |
| 41 | MP3A | Z | -2.906 | 4.5 |
| 42 | MP3A | Mx | .006 | 4.5 |
| 43 | MP3B | X | -6.749 | .5 |
| 44 | MP3B | Z | -3.897 | .5 |
| 45 | MP3B | Mx | 005 | .5 |
| 46 | MP3B | X | -6.749 | 4.5 |
| 47 | MP3B | Z | -3.897 | 4.5 |
| 48 | MP3B | Mx | 005 | 4.5 |
| | | | | |
| 49 | MP3C | X Z | -5.034 | .5 |
| 50 | MP3C | | -2.906 | .5 |
| 51 | MP3C | Mx | 002 | .5 |
| 52 | MP3C | X | -5.034 | 4.5 |
| 53 | MP3C | Z | -2.906 | 4.5 |
| 54 | MP3C | Mx | 002 | 4.5 |
| 55 | MP3A | X | -5.028 | .5 |
| 56 | MP3A | Z | -2.903 | .5 |
| 57 | MP3A | Mx | .002 | .5 |
| 58 | MP3A | X | -5.028 | 4.5 |
| 59 | MP3A | Z | -2.903 | 4.5 |
| 60 | MP3A | Mx | .002 | 4.5 |
| 61 | MP3B | X | -6.724 | .5 |
| 62 | MP3B | Z | -3.882 | .5 |
| 63 | MP3B | Mx | .005 | .5 |
| 64 | MP3B | X | -6.724 | 4.5 |
| 65 | MP3B | Z | -3.882 | 4.5 |
| 66 | MP3B | Mx | .005 | 4.5 |
| 67 | MP3C | X | -5.028 | .5 |
| 68 | MP3C | Z | -2.903 | .5 |
| 69 | MP3C | Mx | 006 | .5 |
| 70 | MP3C | X | -5.028 | 4.5 |
| 71 | MP3C | Z | -2.903 | 4.5 |
| | | | | |
| 72 | MP3C | Mx | 006 | 4.5 |
| 73 | MP2A | X | -2.134 | 1.5 |
| 74 | MP2A | | -1.232 | 1.5 |
| 75 | MP2A | Mx | .002 | 1.5 |
| 76 | MP2A | X | -2.134 | 3.5 |
| 77 | MP2A | Z | -1.232 | 3.5 |
| 78 | MP2A | Mx | .002 | 3.5 |
| 79 | MP2B | X | -3.926 | 1.5 |
| 80 | MP2B | Z | -2.267 | 1.5 |
| 81 | MP2B | Mx | 0 | 1.5 |
| 82 | MP2B | X | -3.926 | 3.5 |
| 83 | MP2B | Z | -2.267 | 3.5 |
| 84 | MP2B | Mx | 0 | 3.5 |
| 85 | MP2C | X | -2.134 | 1.5 |
| 86 | MP2C | Z | -1.232 | 1.5 |
| 87 | MP2C | Mx | 002 | 1.5 |
| 88 | MP2C | X | -2.134 | 3.5 |
| 89 | MP2C | Z | -1.232 | 3.5 |
| 90 | MP2C | Mx | 002 | 3.5 |
| 91 | O1 | X | -4.726 | 1 |
| 92 | 01 | Z | -2.729 | 1 |
| 93 | 01 01 | Mx | | 1 |
| 93 | <u>UI</u> | IVIX | 0 | <u> </u> |

. : Mount Analysis

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|-----|--------------|-----------|--------------------|----------------|
| 94 | MP2A | X | -1.046 | .5 |
| 95 | MP2A | Z | 604 | .5 |
| 96 | MP2A | Mx | 000262 | .5 |
| 97 | MP2B | X | -1.671 | .5 |
| 98 | MP2B | Z | 965 | .5 |
| 99 | MP2B | Mx | 0 | .5 |
| 100 | MP2C | X | -1.046 | .5 |
| 101 | MP2C | Z | 604 | .5 |
| 102 | MP2C | Mx | .000262 | .5 |
| 103 | MP3A | X | -2.347 | 2 |
| 104 | MP3A | Z | -1.355 | 2 |
| 105 | MP3A | Mx | 001 | 2 |
| 106 | MP3B | X | -3.124 | 2 |
| 107 | MP3B | Z | -1.804 | 2 |
| 108 | MP3B | Mx | 0 | 2 |
| 109 | MP3C | X | -2.347 | 2 |
| 110 | MP3C | Z | -1.355 | 2 |
| 111 | MP3C | Mx | .001 | 2 |
| 112 | MP4A | X | -2.206 | 2 |
| 113 | MP4A | Z | -1.274 | 2 |
| 114 | MP4A | Mx | 001 | 2 |
| 115 | MP4B | X | -3.124 | 2 |
| 116 | MP4B | Z | -1.804 | 2 |
| 117 | MP4B | Mx | 0 | 2 |
| 118 | MP4C | X | -2.206 | 2 |
| 119 | MP4C | Z | -1.274 | 2 |
| 120 | MP4C | Mx | .001 | 2 |
| 121 | O2 | X | -4.726 | 1 |
| 122 | O2 | Z | -2.729 | 1 |
| 123 | O2 | Mx | 0 | 1 |

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

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|----|--------------|-----------|--------------------|----------------|
| 1 | MP1B | Χ | -4.506 | .5 |
| 2 | MP1B | Z | -7.805 | .5 |
| 3 | MP1B | Mx | .006 | .5 |
| 4 | MP1B | Χ | -4.506 | 4.5 |
| 5 | MP1B | Z | -7.805 | 4.5 |
| 6 | MP1B | Mx | .006 | 4.5 |
| 7 | MP1C | Χ | -4.135 | .5 |
| 8 | MP1C | Z | -7.163 | .5 |
| 9 | MP1C | Mx | 01 | .5 |
| 10 | MP1C | Χ | -4.135 | 4.5 |
| 11 | MP1C | Z | -7.163 | 4.5 |
| 12 | MP1C | Mx | 01 | 4.5 |
| 13 | MP4B | Χ | -4.506 | .5 |
| 14 | MP4B | Z | -7.805 | .5 |
| 15 | MP4B | Mx | .006 | .5 |
| 16 | MP4B | Χ | -4.506 | 4.5 |
| 17 | MP4B | Z | -7.805 | 4.5 |
| 18 | MP4B | Mx | .006 | 4.5 |
| 19 | MP4C | Χ | -4.135 | .5 |
| 20 | MP4C | Z | -7.163 | .5 |
| 21 | MP4C | Mx | 01 | .5 |
| 22 | MP4C | Χ | -4.135 | 4.5 |
| 23 | MP4C | Z | -7.163 | 4.5 |

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

| | er Point Loads (BLC 38 : . | - | | 1 (1 55.0/1 |
|----------|----------------------------|-----------|--------------------|------------------|
| 24 | Member Label MP4C | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
| 24 25 | MP1A | Mx X | 01 -2.607 | 4.5 .5 |
| | MP1A | ^ | -4.515 | .5 .5 |
| 26 27 | MP1A | Mx | .003 | .5 |
| 28 | MP1A | X | -2.607 | 4.5 |
| | MP1A | Z | -4.515 | 4.5 |
| 30 | MP1A | Mx | .003 | 4.5 |
| 31 | MP4A | X | -2.607 | 4.5 |
| 32 | MP4A | Z | -4.515 | . <u>5</u> .5 |
| 33 | MP4A | Mx | .003 | .5 .5 |
| 34 | MP4A | X | -2.607 | 4.5 |
| 35 | MP4A | Z | -4.515 | 4.5 |
| 36 | MP4A | Mx | .003 | 4.5 |
| 37 | MP3A | X | -3.567 | .5 |
| 38 | MP3A | Z | -6.178 | .5 |
| 39 | MP3A | Mx | .007 | .5 |
| 40 | MP3A | X | -3.567 | 4.5 |
| 41 | MP3A | Z | -6.178 | 4.5 |
| 42 | MP3A | Mx | .007 | 4.5 |
| 43 | MP3B | X | -3.567 | .5 |
| 44 | MP3B | Z | -6.178 | .5 |
| 45 | MP3B | Mx | 000632 | .5 |
| 46 | MP3B | X | -3.567 | 4.5 |
| 47 | MP3B | Z | -6.178 | 4.5 |
| 48 | MP3B | Mx | 000632 | 4.5 |
| 49 | MP3C | X | -2.576 | .5 |
| 50 | MP3C | Z | -4.462 | .5 |
| 51 | MP3C | Mx | 004 | .5 |
| 52 | MP3C | X | -2.576 | 4.5 |
| 53 | MP3C | Z | -4.462 | 4.5 |
| 54 | MP3C | Mx | 004 | 4.5 |
| 55 | MP3A | X | -3.556 | .5 |
| 56 | MP3A | Z | -6.159 | .5 |
| 57 | MP3A | Mx | 000629 | .5 |
| 58 | MP3A | X | -3.556 | 4.5 |
| 59 | MP3A | Z | -6.159 | 4.5 |
| 60 | MP3A | Mx | 000629 | 4.5 |
| 61 | MP3B | X | -3.556 | .5 |
| 62 | MP3B | Z | -6.159 | . <u>5</u> .5 |
| 63 | MP3B | Mx | .007 | .5 |
| 64 | MP3B | X | -3.556 | 4.5 |
| 65 | MP3B | Z | -6.159 | 4.5 |
| 66 | MP3B | Mx | .007 | 4.5 |
| 67 | MP3C | X | -2.576 | .5 |
| 68 | MP3C | Z | -4.462 | .5 |
| 69 | MP3C | Mx | 004 | .5 |
| 70 | MP3C | X | -2.576 | 4.5 |
| 71 | MP3C | Z | -4.462 | 4.5 |
| 72 | MP3C | Mx | 004 | 4.5 |
| 73 | MP2A | X | -1.922 | 1.5 |
| 74 | MP2A | Z | -3.329 | 1.5 |
| 75 | MP2A | Mx | .002 | 1.5 |
| 76 | MP2A | X | -1.922 | 3.5 |
| 77 | MP2A | Z | -3.329 | 3.5 |
| 78 | MP2A | Mx | .002 | 3.5 |
| 79 | MP2B | X | -1.922 | 1.5 |
| 80 | MP2B | Z | -3.329 | 1.5 |

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

| Wember Point Loads (BLC 38 : Antenna Wm (330 Deg)) (Continued) | | | | | | |
|--|--------------|-----------|--------------------|----------------|--|--|
| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] | | |
| 81 | MP2B | Mx | .002 | 1.5 | | |
| 82 | MP2B | X | -1.922 | 3.5 | | |
| 83 | MP2B | Z | -3.329 | 3.5 | | |
| 84 | MP2B | Mx | .002 | 3.5 | | |
| 85 | MP2C | X | 887 | 1.5 | | |
| 86 | MP2C | Z | -1.537 | 1.5 | | |
| 87 | MP2C | Mx | 001 | 1.5 | | |
| 88 | MP2C | X | 887 | 3.5 | | |
| 89 | MP2C | Z | -1.537 | 3.5 | | |
| 90 | MP2C | Mx | 001 | 3.5 | | |
| 91 | 01 | X | -3.347 | 1 | | |
| 92 | 01 | Z | -5.797 | 1 | | |
| 93 | 01 | Mx | 0 | 1 | | |
| 94 | MP2A | X | 844 | .5 | | |
| 95 | MP2A | Z | -1.462 | .5 | | |
| 96 | MP2A | Mx | 000211 | .5 | | |
| 97 | MP2B | X | 844 | .5 | | |
| 98 | MP2B | Z | -1.462 | .5 | | |
| 99 | MP2B | Mx | 000211 | .5 | | |
| 100 | MP2C | X | 483 | .5 | | |
| 101 | MP2C | Z | 837 | .5 | | |
| 102 | MP2C | Mx | .000242 | .5 | | |
| 103 | MP3A | X | -1.654 | 2 | | |
| 104 | MP3A | Z | -2.865 | 2 | | |
| 105 | MP3A | Mx | 000827 | 2 | | |
| 106 | MP3B | X | -1.654 | 2 | | |
| 107 | MP3B | Z | -2.865 | 2 | | |
| 108 | MP3B | Mx | 000827 | 2 | | |
| 109 | MP3C | X | -1.206 | 2 | | |
| 110 | MP3C | Z | -2.088 | 2 | | |
| 111 | MP3C | Mx | .001 | 2 | | |
| 112 | MP4A | X | -1.627 | 2 | | |
| 113 | MP4A | Z | -2.818 | 2 | | |
| 114 | MP4A | Mx | 000814 | 2 | | |
| 115 | MP4B | X | -1.627 | 2 | | |
| 116 | MP4B | Z | -2.818 | 2 | | |
| 117 | MP4B | Mx | 000813 | 2 | | |
| 118 | MP4C | X | -1.097 | 2 | | |
| 119 | MP4C | Z | -1.9 | 2 | | |
| 120 | MP4C | Mx | .001 | 2 | | |
| 121 | O2 | X | -3.347 | 1 | | |
| 122 | O2 | Z | -5.797 | 1 | | |
| 123 | O2 | Mx | 0 | 1 | | |

Member Point Loads (BLC 77 : Lm1)

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|---|--------------|-----------|--------------------|----------------|
| 1 | M1 | Υ | -500 | %95.5 |

Member Point Loads (BLC 78 : Lm2)

| Member Label | | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|--------------|----|-----------|--------------------|----------------|
| 1 | M1 | Υ | -500 | %79 |

Member Point Loads (BLC 79 : Lv1)

| | Member Label | Direction | Magnitude[lb,k-ft] | Location[ft,%] |
|---|--------------|-----------|--------------------|----------------|
| 1 | M1 | Υ | -250 | 0 |



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Member Point Loads (BLC 80 : Lv2)

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

Member Distributed Loads (BLC 40 : Structure Di)

| | Member Label | Direction | Start Magnitude[lb/ft,. | End Magnitude[lb/ft,F | . Start Location[ft,%] | End Location[ft,%] |
|----|--------------|-----------|-------------------------|-----------------------|------------------------|--------------------|
| 1 | M1 | Υ | -10.719 | -10.719 | 0 | %100 |
| 2 | M4 | Υ | -15.173 | -15.173 | 0 | %100 |
| 3 | M10 | Υ | -15.173 | -15.173 | 0 | %100 |
| 4 | M43 | Υ | -15.173 | -15.173 | 0 | %100 |
| 5 | M46 | Υ | -15.925 | -15.925 | 0 | %100 |
| 6 | M51B | Υ | -9.332 | -9.332 | 0 | %100 |
| 7 | M52B | Ý | -9.332 | -9.332 | 0 | %100 |
| 8 | M76 | Y | -15.906 | -15.906 | 0 | %100 |
| 9 | M77 | Ϋ́ | -15.906 | -15.906 | 0 | %100 |
| 10 | M80 | Y | -15.925 | -15.925 | 0 | %100 |
| 11 | M84 | Y | -15.906 | -15.906 | 0 | %100 |
| 12 | M85 | Y | -15.906 | -15.906 | 0 | %100 %100 |
| 13 | M91 | Y | -15.925 | -15.925 | 0 | %100 %100 |
| 14 | M26 | Y | -10.719 | -10.719 | 0 | %100 %100 |
| 15 | M27 | Y | -10.719 | -10.719 | 0 | %100 %100 |
| 16 | M28 | Y | -15.173 | -15.173 | 0 | %100 %100 |
| 17 | M29 | Y | -15.173 | -15.173 | 0 | %100 %100 |
| 18 | M30 | Y | -15.173 | -15.173 | 0 | %100 %100 |
| | | Y | | | | %100 %100 |
| 19 | M31 | Y | -15.925 | -15.925 | 0 | |
| 20 | M34 | | -9.332 | -9.332 | 0 | %100 |
| 21 | M35 | Y | -9.332 | -9.332 | 0 | %100 |
| 22 | M39 | Y | -15.906 | -15.906 | 0 | %100 |
| 23 | M40 | Y | -15.906 | -15.906 | 0 | %100 |
| 24 | M42 | Y | -15.925 | -15.925 | 0 | %100 |
| 25 | M44 | Υ | -15.906 | -15.906 | 0 | %100 |
| 26 | M45 | Υ | -15.906 | -15.906 | 0 | %100 |
| 27 | M47 | Y | -15.925 | -15.925 | 0 | %100 |
| 28 | M52A | Υ | -15.173 | -15.173 | 0 | %100 |
| 29 | M53 | Y | -15.173 | -15.173 | 0 | %100 |
| 30 | M54 | Υ | -15.173 | -15.173 | 0 | %100 |
| 31 | M55 | Y | -15.925 | -15.925 | 0 | %100 |
| 32 | M58A | Υ | -9.332 | -9.332 | 0 | %100 |
| 33 | M59A | Y | -9.332 | -9.332 | 0 | %100 |
| 34 | M63 | Υ | -15.906 | -15.906 | 0 | %100 |
| 35 | M64 | Y | -15.906 | -15.906 | 0 | %100 |
| 36 | M66 | Υ | -15.925 | -15.925 | 0 | %100 |
| 37 | M68 | Υ | -15.906 | -15.906 | 0 | %100 |
| 38 | M69 | Υ | -15.906 | -15.906 | 0 | %100 |
| 39 | M71 | Υ | -15.925 | -15.925 | 0 | %100 |
| 40 | MP1A | Υ | -8.396 | -8.396 | 0 | %100 |
| 41 | MP4A | Υ | -8.396 | -8.396 | 0 | %100 |
| 42 | MP3A | Υ | -9.428 | -9.428 | 0 | %100 |
| 43 | MP2A | Υ | -8.396 | -8.396 | 0 | %100 |
| 44 | MP4B | Y | -8.396 | -8.396 | 0 | %100 |
| 45 | MP1B | Y | -8.396 | -8.396 | 0 | %100 |
| 46 | MP3B | Y | -9.428 | -9.428 | 0 | %100 |
| 47 | MP2B | Ý | -8.396 | -8.396 | 0 | %100 |
| 48 | MP4C | Ϋ́ | -8.396 | -8.396 | 0 | %100 |
| 49 | MP3C | Ϋ́ | -9.428 | -9.428 | 0 | %100 %100 |
| 50 | MP2C | Y | -8.396 | -8.396 | 0 | %100 %100 |
| 51 | MP1C | Y | -8.396 | -8.396 | 0 | %100 %100 |
| | IVII I O | <u> </u> | 0.000 | 0.000 | <u> </u> | 70100 |

Mount Analysis

Aug 11, 2021 10:30 AM Checked By:__

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,%] |
|----|--------------|-----------|------------------------|------------------------|------------------------|--------------------|
| 52 | O1 | Υ | -8.396 | -8.396 | 0 | %100 |
| 53 | 02 | Υ | -8.396 | -8.396 | 0 | %100 |
| 54 | M104 | Υ | -9.428 | -9.428 | 0 | %100 |
| 55 | M105 | Υ | -9.428 | -9.428 | 0 | %100 |
| 56 | M106 | Υ | -9.428 | -9.428 | 0 | %100 |
| 57 | M125 | Υ | -12.253 | -12.253 | 0 | %100 |
| 58 | M126 | Υ | -12.253 | -12.253 | 0 | %100 |
| 59 | M127 | Υ | -12.253 | -12.253 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft, | End Magnitude[lb/ft,F | . Start Location[ft,%] | End Location[ft,%] |
|----|--------------|-----------|------------------------|-----------------------|------------------------|--------------------|
| 1 | M1 | X | 0 | 0 | 0 | %100 |
| 2 | M1 | Z | -9.922 | -9.922 | 0 | %100 |
| 3 | M4 | Χ | 0 | 0 | 0 | %100 |
| 4 | M4 | Z | 0 | 0 | 0 | %100 |
| 5 | M10 | Χ | 0 | 0 | 0 | %100 |
| 6 | M10 | Z | -8.527 | -8.527 | 0 | %100 |
| 7 | M43 | X | 0 | 0 | 0 | %100 |
| 8 | M43 | Z | -8.527 | -8.527 | 0 | %100 |
| 9 | M46 | Χ | 0 | 0 | 0 | %100 |
| 10 | M46 | Z | -17.008 | -17.008 | 0 | %100 |
| 11 | M51B | X | 0 | 0 | 0 | %100 |
| 12 | M51B | Z | -2.361 | -2.361 | 0 | %100 |
| 13 | M52B | Χ | 0 | 0 | 0 | %100 |
| 14 | M52B | Z | -2.361 | -2.361 | 0 | %100 |
| 15 | M76 | X | 0 | 0 | 0 | %100 |
| 16 | M76 | Z | 0 | 0 | 0 | %100 |
| 17 | M77 | Χ | 0 | 0 | 0 | %100 |
| 18 | M77 | Z | -4.331 | -4.331 | 0 | %100 |
| 19 | M80 | Х | 0 | 0 | 0 | %100 |
| 20 | M80 | Z | -4.562 | -4.562 | 0 | %100 |
| 21 | M84 | Х | 0 | 0 | 0 | %100 |
| 22 | M84 | Z | 0 | 0 | 0 | %100 |
| 23 | M85 | X | 0 | 0 | 0 | %100 |
| 24 | M85 | Z | -4.331 | -4.331 | 0 | %100 |
| 25 | M91 | X | 0 | 0 | 0 | %100 |
| 26 | M91 | Z | -4.562 | -4.562 | 0 | %100 |
| 27 | M26 | X | 0 | 0 | 0 | %100 |
| 28 | M26 | Z | -2.48 | -2.48 | 0 | %100 |
| 29 | M27 | X | 0 | 0 | 0 | %100 |
| 30 | M27 | Z | -2.48 | -2.48 | 0 | %100 |
| 31 | M28 | X | 0 | 0 | 0 | %100 |
| 32 | M28 | Z | -7.584 | -7.584 | 0 | %100 |
| 33 | M29 | X | 0 | 0 | 0 | %100 |
| 34 | M29 | Z | -2.132 | -2.132 | 0 | %100 |
| 35 | M30 | Χ | 0 | 0 | 0 | %100 |
| 36 | M30 | Z | -2.132 | -2.132 | 0 | %100 |
| 37 | M31 | Χ | 0 | 0 | 0 | %100 |
| 38 | M31 | Z | -4.252 | -4.252 | 0 | %100 |
| 39 | M34 | Χ | 0 | 0 | 0 | %100 |
| 40 | M34 | Z | -2.361 | -2.361 | 0 | %100 |
| 41 | M35 | Х | 0 | 0 | 0 | %100 |
| 42 | M35 | Z | -9.444 | -9.444 | 0 | %100 |
| 43 | M39 | Х | 0 | 0 | 0 | %100 |
| 44 | M39 | Z | -12.756 | -12.756 | 0 | %100 |
| 45 | M40 | X | 0 | 0 | 0 | %100 |

Mount Analysis

Aug 11, 2021 10:30 AM Checked By:_

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

| | Der Distributed Ede | | | | - | |
|-----|---------------------|-----------|------------------------|---------|----------------------|--------------------|
| | Member Label | Direction | Start Magnitude[lb/ft, | | Start Location[ft,%] | End Location[ft,%] |
| 46 | M40 | Z | -4.331 | -4.331 | 0 | %100 |
| 47 | M42 | X | 0 | 0 | 0 | %100 |
| 48 | M42 | Z | -4.562 | -4.562 | 0 | %100 |
| 49 | M44 | X | 0 | 0 | 0 | %100 |
| 50 | M44 | Z | -12.756 | -12.756 | 0 | %100 |
| 51 | M45 | X | 0 | 0 | 0 | %100 |
| 52 | M45 | Z | -17.323 | -17.323 | 0 | %100 |
| 53 | M47 | X | 0 | 0 | 0 | %100 %100 |
| 54 | M47 | Z | -18.246 | -18.246 | 0 | %100 %100 |
| 55 | M52A | X | | | 0 | %100 %100 |
| | | Z | 0 | 0 | | |
| 56 | M52A | | -7.584 | -7.584 | 0 | %100 |
| 57 | M53 | X | 0 | 0 | 0 | %100 |
| 58 | M53 | Z | -2.132 | -2.132 | 0 | %100 |
| 59 | M54 | X | 0 | 0 | 0 | %100 |
| 60 | M54 | Z | -2.132 | -2.132 | 0 | %100 |
| 61 | M55 | X | 0 | 0 | 0 | %100 |
| 62 | M55 | Z | -4.252 | -4.252 | 0 | %100 |
| 63 | M58A | X | 0 | 0 | 0 | %100 |
| 64 | M58A | Z | -9.444 | -9.444 | 0 | %100 |
| 65 | M59A | X | 0 | 0 | 0 | %100 |
| 66 | M59A | Z | -2.361 | -2.361 | 0 | %100 |
| 67 | M63 | X | 0 | 0 | 0 | %100 |
| 68 | M63 | Z | -12.756 | -12.756 | 0 | %100 |
| 69 | M64 | X | 0 | 0 | 0 | %100 |
| 70 | M64 | Z | -17.323 | -17.323 | 0 | %100 %100 |
| 71 | M66 | X | 0 | 0 | 0 | %100 %100 |
| 72 | | Z | - | | 0 | |
| | M66 | | -18.246 | -18.246 | | %100 |
| 73 | M68 | X | 0 | 0 | 0 | %100 |
| 74 | M68 | Z | -12.756 | -12.756 | 0 | %100 |
| 75 | M69 | X | 0 | 0 | 0 | %100 |
| 76 | M69 | Z | -4.331 | -4.331 | 0 | %100 |
| 77 | M71 | X | 0 | 0 | 0 | %100 |
| 78 | M71 | Z | -4.562 | -4.562 | 0 | %100 |
| 79 | MP1A | X | 0 | 0 | 0 | %100 |
| 80 | MP1A | Z | -6.732 | -6.732 | 0 | %100 |
| 81 | MP4A | X | 0 | 0 | 0 | %100 |
| 82 | MP4A | Z | -6.732 | -6.732 | 0 | %100 |
| 83 | MP3A | Х | 0 | 0 | 0 | %100 |
| 84 | MP3A | Z | -8.15 | -8.15 | 0 | %100 |
| 85 | MP2A | X | 0 | 0 | 0 | %100 |
| 86 | MP2A | Z | -6.732 | -6.732 | 0 | %100 %100 |
| 87 | MP4B | X | 0 | 0 | 0 | %100 %100 |
| 88 | MP4B | Z | -6.732 | -6.732 | 0 | %100 %100 |
| 89 | MP1B | X | _ | 0 | 0 | %100 %100 |
| | | Z | 6 722 | | | |
| 90 | MP1B | | -6.732 | -6.732 | 0 | %100 |
| 91 | MP3B | X | 0 | 0 | 0 | %100 |
| 92 | MP3B | Z | -8.15 | -8.15 | 0 | %100 |
| 93 | MP2B | X | 0 | 0 | 0 | %100 |
| 94 | MP2B | Z | -6.732 | -6.732 | 0 | %100 |
| 95 | MP4C | X | 0 | 0 | 0 | %100 |
| 96 | MP4C | Z | -6.732 | -6.732 | 0 | %100 |
| 97 | MP3C | X | 0 | 0 | 0 | %100 |
| 98 | MP3C | Z | -8.15 | -8.15 | 0 | %100 |
| 99 | MP2C | X | 0 | 0 | 0 | %100 |
| 100 | MP2C | Z | -6.732 | -6.732 | 0 | %100 |
| 101 | MP1C | X | 0 | 0 | 0 | %100 |
| 102 | MP1C | Z | -6.732 | -6.732 | 0 | %100 %100 |
| 102 | IVII IO | _ | -0.102 | -0.702 | 0 | 70100 |

Mount Analysis

Aug 11, 2021 10:30 AM Checked By:___

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

| | Member Label | Direction | Start Magnitude[lb/ft, | End Magnitude[lb/ft,F | . Start Location[ft,%] | End Location[ft,%] |
|-----|--------------|-----------|------------------------|-----------------------|------------------------|--------------------|
| 103 | O1 | Χ | 0 | 0 | 0 | %100 |
| 104 | 01 | Z | -5.505 | -5.505 | 0 | %100 |
| 105 | O2 | X | 0 | 0 | 0 | %100 |
| 106 | O2 | Z | -5.505 | -5.505 | 0 | %100 |
| 107 | M104 | X | 0 | 0 | 0 | %100 |
| 108 | M104 | Z | -8.15 | -8.15 | 0 | %100 |
| 109 | M105 | X | 0 | 0 | 0 | %100 |
| 110 | M105 | Z | -2.037 | -2.037 | 0 | %100 |
| 111 | M106 | X | 0 | 0 | 0 | %100 |
| 112 | M106 | Z | -2.037 | -2.037 | 0 | %100 |
| 113 | M125 | X | 0 | 0 | 0 | %100 |
| 114 | M125 | Z | -2.699 | -2.699 | 0 | %100 |
| 115 | M126 | X | 0 | 0 | 0 | %100 |
| 116 | M126 | Z | -2.699 | -2.699 | 0 | %100 |
| 117 | M127 | Χ | 0 | 0 | 0 | %100 |
| 118 | M127 | Z | -10.795 | -10.795 | 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 | 3.721 | 3.721 | 0 | %100 |
| 2 | M1 | Z | -6.444 | -6.444 | 0 | %100 |
| 3 | M4 | X | 1.264 | 1.264 | 0 | %100 |
| 4 | M4 | Z | -2.189 | -2.189 | 0 | %100 |
| 5 | M10 | X | 3.198 | 3.198 | 0 | %100 |
| 6 | M10 | Z | -5.539 | -5.539 | 0 | %100 |
| 7 | M43 | X | 3.198 | 3.198 | 0 | %100 |
| 8 | M43 | Z | -5.539 | -5.539 | 0 | %100 |
| 9 | M46 | X | 6.378 | 6.378 | 0 | %100 |
| 10 | M46 | Z | -11.047 | -11.047 | 0 | %100 |
| 11 | M51B | Х | 3.542 | 3.542 | 0 | %100 |
| 12 | M51B | Z | -6.134 | -6.134 | 0 | %100 |
| 13 | M52B | Х | 0 | 0 | 0 | %100 |
| 14 | M52B | Z | 0 | 0 | 0 | %100 |
| 15 | M76 | Х | 2.126 | 2.126 | 0 | %100 |
| 16 | M76 | Z | -3.682 | -3.682 | 0 | %100 |
| 17 | M77 | Х | 6.496 | 6.496 | 0 | %100 |
| 18 | M77 | Z | -11.252 | -11.252 | 0 | %100 |
| 19 | M80 | X | 6.842 | 6.842 | 0 | %100 |
| 20 | M80 | Z | -11.851 | -11.851 | 0 | %100 |
| 21 | M84 | X | 2.126 | 2.126 | 0 | %100 |
| 22 | M84 | Z | -3.682 | -3.682 | 0 | %100 |
| 23 | M85 | X | 0 | 0 | 0 | %100 |
| 24 | M85 | Z | 0 | 0 | 0 | %100 |
| 25 | M91 | X | 0 | 0 | 0 | %100 |
| 26 | M91 | Z | 0 | 0 | 0 | %100 |
| 27 | M26 | X | 3.721 | 3.721 | 0 | %100 |
| 28 | M26 | Z | -6.444 | -6.444 | 0 | %100 |
| 29 | M27 | X | 0 | 0 | 0 | %100 |
| 30 | M27 | Z | 0 | 0 | 0 | %100 |
| 31 | M28 | X | 1.264 | 1.264 | 0 | %100 |
| 32 | M28 | Z | -2.189 | -2.189 | 0 | %100 |
| 33 | M29 | X | 3.198 | 3.198 | 0 | %100 |
| 34 | M29 | Z | -5.539 | -5.539 | 0 | %100 |
| 35 | M30 | X | 3.198 | 3.198 | 0 | %100 |
| 36 | M30 | Z | -5.539 | -5.539 | 0 | %100 |
| 37 | M31 | X | 6.378 | 6.378 | 0 | %100 |

Mount Analysis

Aug 11, 2021 10:30 AM Checked By:__

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

| | Member Label | Direction | Start Magnitude[lb/ft,. | End Magnitude[lb/ft,F | . Start Location[ft,%] | End Location[ft,%] |
|----|--------------|-----------|-------------------------|-----------------------|------------------------|--------------------|
| 38 | M31 | Z | -11.047 | -11.047 | 0 | %100 |
| 39 | M34 | X | 0 | 0 | 0 | %100 |
| 40 | M34 | Z | 0 | 0 | 0 | %100 |
| 41 | M35 | X | 3.542 | 3.542 | 0 | %100 |
| 42 | M35 | Z | -6.134 | -6.134 | 0 | %100 |
| 43 | M39 | X | 2.126 | 2.126 | 0 | %100 |
| 44 | M39 | Z | -3.682 | -3.682 | 0 | %100 |
| 45 | M40 | X | 0 | 0 | 0 | %100 |
| 46 | M40 | Z | 0 | 0 | 0 | %100 |
| 47 | M42 | X | 0 | 0 | 0 | %100 |
| 48 | M42 | Z | 0 | 0 | 0 | %100 |
| 49 | M44 | X | 2.126 | 2.126 | 0 | %100 |
| 50 | M44 | Z | -3.682 | -3.682 | 0 | %100 |
| 51 | M45 | X | 6.496 | 6.496 | 0 | %100 |
| 52 | M45 | Z | -11.252 | -11.252 | 0 | %100 |
| 53 | M47 | X | 6.842 | 6.842 | 0 | %100 |
| 54 | M47 | Z | -11.851 | -11.851 | 0 | %100 |
| 55 | M52A | X | 5.056 | 5.056 | 0 | %100 |
| 56 | M52A | Z | -8.757 | -8.757 | 0 | %100 |
| 57 | M53 | X | 0 | 0 | 0 | %100 |
| 58 | M53 | Z | 0 | 0 | 0 | %100 |
| 59 | M54 | X | 0 | 0 | 0 | %100 |
| 60 | M54 | Z | 0 | 0 | 0 | %100 |
| 61 | M55 | X | 0 | 0 | 0 | %100 |
| 62 | M55 | Z | 0 | 0 | 0 | %100 |
| 63 | M58A | X | 3.542 | 3.542 | 0 | %100 |
| 64 | M58A | Z | -6.134 | -6.134 | 0 | %100 |
| 65 | M59A | X | 3.542 | 3.542 | 0 | %100 |
| 66 | M59A | Z | -6.134 | -6.134 | 0 | %100 |
| 67 | M63 | X | 8.504 | 8.504 | 0 | %100 |
| 68 | M63 | Z | -14.73 | -14.73 | 0 | %100 |
| 69 | M64 | X | 6.496 | 6.496 | 0 | %100 |
| 70 | M64 | Z | -11.252 | -11.252 | 0 | %100 |
| 71 | M66 | X | 6.842 | 6.842 | 0 | %100 |
| 72 | M66 | Z | -11.851 | -11.851 | 0 | %100 |
| 73 | M68 | X | 8.504 | 8.504 | 0 | %100 |
| 74 | <u>M68</u> | Z | -14.73 | -14.73 | 0 | %100 |
| 75 | <u>M69</u> | X | 6.496 | 6.496 | 0 | %100 |
| 76 | <u>M69</u> | Z | -11.252 | -11.252 | 0 | %100 |
| 77 | <u>M71</u> | X | 6.842 | 6.842 | 0 | %100 |
| 78 | M71 | Z | -11.851 | -11.851 | 0 | %100 |
| 79 | MP1A | X | 3.366 | 3.366 | 0 | %100 |
| 80 | MP1A | Z | -5.83 | -5.83 | 0 | %100 |
| 81 | MP4A | X | 3.366 | 3.366 | 0 | %100 |
| 82 | MP4A | Z | -5.83 | -5.83 | 0 | %100 |
| 83 | MP3A | X | 4.075 | 4.075 | 0 | %100 |
| 84 | MP3A | Z | -7.058 | -7.058 | 0 | %100 |
| 85 | MP2A | X | 3.366 | 3.366 | 0 | %100 |
| 86 | MP2A | Z | -5.83 | -5.83 | 0 | %100 |
| 87 | MP4B | X | 3.366 | 3.366 | 0 | %100 |
| 88 | MP4B | Z | -5.83 | -5.83 | 0 | %100 |
| 89 | MP1B | X | 3.366 | 3.366 | 0 | %100 |
| 90 | MP1B | Z | -5.83 | -5.83 | 0 | %100 |
| 91 | MP3B | X | 4.075 | 4.075 | 0 | %100 |
| 92 | MP3B | Z | -7.058 | -7.058 | 0 | %100 |
| 93 | MP2B | X | 3.366 | 3.366 | 0 | %100 |
| 94 | MP2B | Z | -5.83 | -5.83 | 0 | %100 |

Mount Analysis

Aug 11, 2021 10:30 AM Checked By:__

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

| | Member Label | Direction | Start Magnitude[lb/ft, | .End Magnitude[lb/ft,F | . Start Location[ft,%] | End Location[ft,%] |
|-----|--------------|-----------|------------------------|------------------------|------------------------|--------------------|
| 95 | MP4C | X | 3.366 | 3.366 | 0 | %100 |
| 96 | MP4C | Z | -5.83 | -5.83 | 0 | %100 |
| 97 | MP3C | X | 4.075 | 4.075 | 0 | %100 |
| 98 | MP3C | Z | -7.058 | -7.058 | 0 | %100 |
| 99 | MP2C | X | 3.366 | 3.366 | 0 | %100 |
| 100 | MP2C | Z | -5.83 | -5.83 | 0 | %100 |
| 101 | MP1C | X | 3.366 | 3.366 | 0 | %100 |
| 102 | MP1C | Z | -5.83 | -5.83 | 0 | %100 |
| 103 | O1 | X | 2.753 | 2.753 | 0 | %100 |
| 104 | 01 | Z | -4.768 | -4.768 | 0 | %100 |
| 105 | O2 | X | 2.753 | 2.753 | 0 | %100 |
| 106 | 02 | Z | -4.768 | -4.768 | 0 | %100 |
| 107 | M104 | X | 3.056 | 3.056 | 0 | %100 |
| 108 | M104 | Z | -5.293 | -5.293 | 0 | %100 |
| 109 | M105 | X | 3.056 | 3.056 | 0 | %100 |
| 110 | M105 | Z | -5.293 | -5.293 | 0 | %100 |
| 111 | M106 | X | 0 | 0 | 0 | %100 |
| 112 | M106 | Z | 0 | 0 | 0 | %100 |
| 113 | M125 | X | 4.048 | 4.048 | 0 | %100 |
| 114 | M125 | Z | -7.012 | -7.012 | 0 | %100 |
| 115 | M126 | X | 0 | 0 | 0 | %100 |
| 116 | M126 | Z | 0 | 0 | 0 | %100 |
| 117 | M127 | Χ | 4.048 | 4.048 | 0 | %100 |
| 118 | M127 | Z | -7.012 | -7.012 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft, | .End Magnitude[lb/ft,F | . Start Location[ft,%] | End Location[ft,%] |
|----|--------------|-----------|------------------------|------------------------|------------------------|--------------------|
| 1 | M1 | Χ | 2.148 | 2.148 | 0 | %100 |
| 2 | M1 | Ζ | -1.24 | -1.24 | 0 | %100 |
| 3 | M4 | X | 6.568 | 6.568 | 0 | %100 |
| 4 | M4 | Ζ | -3.792 | -3.792 | 0 | %100 |
| 5 | M10 | X | 1.846 | 1.846 | 0 | %100 |
| 6 | M10 | Z | -1.066 | -1.066 | 0 | %100 |
| 7 | M43 | X | 1.846 | 1.846 | 0 | %100 |
| 8 | M43 | Z | -1.066 | -1.066 | 0 | %100 |
| 9 | M46 | X | 3.682 | 3.682 | 0 | %100 |
| 10 | M46 | Z | -2.126 | -2.126 | 0 | %100 |
| 11 | M51B | Χ | 8.179 | 8.179 | 0 | %100 |
| 12 | M51B | Z | -4.722 | -4.722 | 0 | %100 |
| 13 | M52B | X | 2.045 | 2.045 | 0 | %100 |
| 14 | M52B | Z | -1.181 | -1.181 | 0 | %100 |
| 15 | M76 | X | 11.047 | 11.047 | 0 | %100 |
| 16 | M76 | Z | -6.378 | -6.378 | 0 | %100 |
| 17 | M77 | X | 15.002 | 15.002 | 0 | %100 |
| 18 | M77 | Z | -8.662 | -8.662 | 0 | %100 |
| 19 | M80 | X | 15.802 | 15.802 | 0 | %100 |
| 20 | M80 | Z | -9.123 | -9.123 | 0 | %100 |
| 21 | M84 | X | 11.047 | 11.047 | 0 | %100 |
| 22 | M84 | Z | -6.378 | -6.378 | 0 | %100 |
| 23 | M85 | X | 3.751 | 3.751 | 0 | %100 |
| 24 | M85 | Z | -2.165 | -2.165 | 0 | %100 |
| 25 | M91 | Χ | 3.95 | 3.95 | 0 | %100 |
| 26 | M91 | Z | -2.281 | -2.281 | 0 | %100 |
| 27 | M26 | X | 8.592 | 8.592 | 0 | %100 |
| 28 | M26 | Z | -4.961 | -4.961 | 0 | %100 |
| 29 | M27 | Χ | 2.148 | 2.148 | 0 | %100 |

Mount Analysis

Aug 11, 2021 10:30 AM Checked By:_

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

| | Member Label | Direction | Start Magnitude[lb/ft,. | End Magnitude[lb/ft,F | Start Location[ft,%] | End Location[ft,%] |
|----------|--------------|-----------|-------------------------|-----------------------|----------------------|--------------------|
| 30 | M27 | Z | -1.24 | -1.24 | 0 | %100 |
| 31 | M28 | X | 0 | 0 | 0 | %100 |
| 32 | M28 | Z | 0 | 0 | 0 | %100 |
| 33 | M29 | X | 7.385 | 7.385 | 0 | %100 |
| 34 | M29 | Z | -4.264 | -4.264 | 0 | %100 |
| 35 | M30 | X | 7.385 | 7.385 | 0 | %100 |
| 36 | M30 | Z | -4.264 | -4.264 | 0 | %100 |
| 37 | M31 | X | 14.73 | 14.73 | 0 | %100 |
| 38 | <u>M31</u> | Z | -8.504 | -8.504 | 0 | %100 |
| 39 | M34 | X | 2.045 | 2.045 | 0 | %100 |
| 40 | <u>M34</u> | Z | -1.181 | -1.181 | 0 | %100 |
| 41 | <u>M35</u> | X | 2.045 | 2.045 | 0 | %100 |
| 42 | M35 | Z | -1.181 | -1.181 | 0 | %100 |
| 43 | M39 | X | 0 | 0 | 0 | %100 |
| 44 | M39 | Z | 0 | 0 | 0 | %100 |
| 45 | M40 | X | 3.751 | 3.751 | 0 | %100 |
| 46 | M40 | Z | -2.165 | -2.165 | 0 | %100 |
| 47 | M42 | X | 3.95 | 3.95 | 0 | %100 |
| 48 | M42 | Z | -2.281 | -2.281 | 0 | %100 |
| 49 | M44 | X Z | 0 | 0 | 0 | %100 %400 |
| 50 | M44 | | • | 3.751 | 0 | %100 %400 |
| 51 52 | M45 | X Z | 3.751 | | 0 | %100 %100 |
| 53 | M45 M47 | X | -2.165 3.95 | -2.165 3.95 | 0 | %100 %100 |
| 54 | M47 | Z | -2.281 | -2.281 | 0 | %100 %100 |
| 55 | M52A | X | 6.568 | 6.568 | 0 | %100 %100 |
| 56 | M52A | Z | -3.792 | -3.792 | 0 | %100 %100 |
| 57 | M53 | X | 1.846 | 1.846 | 0 | %100 %100 |
| 58 | M53 | Z | -1.066 | -1.066 | 0 | %100 %100 |
| 59 | M54 | X | 1.846 | 1.846 | 0 | %100 %100 |
| 60 | M54 | Z | -1.066 | -1.066 | 0 | %100 %100 |
| 61 | M55 | X | 3.682 | 3.682 | 0 | %100 %100 |
| 62 | M55 | Z | -2.126 | -2.126 | 0 | %100 %100 |
| 63 | M58A | X | 2.045 | 2.045 | 0 | %100 %100 |
| 64 | M58A | Z | -1.181 | -1.181 | 0 | %100 |
| 65 | M59A | X | 8.179 | 8.179 | 0 | %100 |
| 66 | M59A | Z | -4.722 | -4.722 | 0 | %100 |
| 67 | M63 | X | 11.047 | 11.047 | 0 | %100 |
| 68 | M63 | Z | -6.378 | -6.378 | 0 | %100 |
| 69 | M64 | Х | 3.751 | 3.751 | 0 | %100 |
| 70 | M64 | Z | -2.165 | -2.165 | 0 | %100 |
| 71 | M66 | X | 3.95 | 3.95 | 0 | %100 |
| 72 | M66 | Z | -2.281 | -2.281 | 0 | %100 |
| 73 | M68 | X | 11.047 | 11.047 | 0 | %100 |
| 74 | M68 | Z | -6.378 | -6.378 | 0 | %100 |
| 75 | M69 | X | 15.002 | 15.002 | 0 | %100 |
| 76 | M69 | Z | -8.662 | -8.662 | 0 | %100 |
| 77 | M71 | X | 15.802 | 15.802 | 0 | %100 |
| 78 | M71 | Z | -9.123 | -9.123 | 0 | %100 |
| 79 | MP1A | X | 5.83 | 5.83 | 0 | %100 |
| 80 | MP1A | Z | -3.366 | -3.366 | 0 | %100 |
| 81 | MP4A | X | 5.83 | 5.83 | 0 | %100 |
| 82 | MP4A | Z | -3.366 | -3.366 | 0 | %100 |
| 83 | MP3A | X | 7.058 | 7.058 | 0 | %100 |
| 84 | MP3A | Z | -4.075 | -4.075 | 0 | %100 |
| 85 | MP2A | X | 5.83 | 5.83 | 0 | %100 |
| 86 | MP2A | Z | -3.366 | -3.366 | 0 | %100 |

Mount Analysis

Aug 11, 2021 10:30 AM Checked By:_

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

| | Member Label | Direction | Start Magnitude[lb/ft, | .End Magnitude[lb/ft,F | . Start Location[ft,%] | End Location[ft,%] |
|-----|--------------|-----------|------------------------|------------------------|------------------------|--------------------|
| 87 | MP4B | X | 5.83 | 5.83 | 0 | %100 |
| 88 | MP4B | Z | -3.366 | -3.366 | 0 | %100 |
| 89 | MP1B | X | 5.83 | 5.83 | 0 | %100 |
| 90 | MP1B | Z | -3.366 | -3.366 | 0 | %100 |
| 91 | MP3B | X | 7.058 | 7.058 | 0 | %100 |
| 92 | MP3B | Z | -4.075 | -4.075 | 0 | %100 |
| 93 | MP2B | X | 5.83 | 5.83 | 0 | %100 |
| 94 | MP2B | Z | -3.366 | -3.366 | 0 | %100 |
| 95 | MP4C | X | 5.83 | 5.83 | 0 | %100 |
| 96 | MP4C | Z | -3.366 | -3.366 | 0 | %100 |
| 97 | MP3C | X | 7.058 | 7.058 | 0 | %100 |
| 98 | MP3C | Z | -4.075 | -4.075 | 0 | %100 |
| 99 | MP2C | X | 5.83 | 5.83 | 0 | %100 |
| 100 | MP2C | Z | -3.366 | -3.366 | 0 | %100 |
| 101 | MP1C | X | 5.83 | 5.83 | 0 | %100 |
| 102 | MP1C | Z | -3.366 | -3.366 | 0 | %100 |
| 103 | 01 | X | 4.768 | 4.768 | 0 | %100 |
| 104 | 01 | Z | -2.753 | -2.753 | 0 | %100 |
| 105 | O2 | X | 4.768 | 4.768 | 0 | %100 |
| 106 | O2 | Z | -2.753 | -2.753 | 0 | %100 |
| 107 | M104 | X | 1.764 | 1.764 | 0 | %100 |
| 108 | M104 | Z | -1.019 | -1.019 | 0 | %100 |
| 109 | M105 | X | 7.058 | 7.058 | 0 | %100 |
| 110 | M105 | Z | -4.075 | -4.075 | 0 | %100 |
| 111 | M106 | X | 1.764 | 1.764 | 0 | %100 |
| 112 | M106 | Z | -1.019 | -1.019 | 0 | %100 |
| 113 | M125 | X | 9.349 | 9.349 | 0 | %100 |
| 114 | M125 | Z | -5.398 | -5.398 | 0 | %100 |
| 115 | M126 | X | 2.337 | 2.337 | 0 | %100 |
| 116 | M126 | Z | -1.349 | -1.349 | 0 | %100 |
| 117 | M127 | Χ | 2.337 | 2.337 | 0 | %100 |
| 118 | M127 | Z | -1.349 | -1.349 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft, | End Magnitude[lb/ft,F | . Start Location[ft,%] | End Location[ft,%] |
|----|--------------|-----------|------------------------|-----------------------|------------------------|--------------------|
| 1 | M1 | X | 0 | 0 | 0 | %100 |
| 2 | M1 | Z | 0 | 0 | 0 | %100 |
| 3 | M4 | X | 10.112 | 10.112 | 0 | %100 |
| 4 | M4 | Z | 0 | 0 | 0 | %100 |
| 5 | M10 | X | 0 | 0 | 0 | %100 |
| 6 | M10 | Ζ | 0 | 0 | 0 | %100 |
| 7 | M43 | Χ | 0 | 0 | 0 | %100 |
| 8 | M43 | Z | 0 | 0 | 0 | %100 |
| 9 | M46 | X | 0 | 0 | 0 | %100 |
| 10 | M46 | Z | 0 | 0 | 0 | %100 |
| 11 | M51B | X | 7.083 | 7.083 | 0 | %100 |
| 12 | M51B | Z | 0 | 0 | 0 | %100 |
| 13 | M52B | X | 7.083 | 7.083 | 0 | %100 |
| 14 | M52B | Z | 0 | 0 | 0 | %100 |
| 15 | M76 | X | 17.008 | 17.008 | 0 | %100 |
| 16 | M76 | Ζ | 0 | 0 | 0 | %100 |
| 17 | M77 | Χ | 12.992 | 12.992 | 0 | %100 |
| 18 | M77 | Z | 0 | 0 | 0 | %100 |
| 19 | M80 | X | 13.685 | 13.685 | 0 | %100 |
| 20 | M80 | Z | 0 | 0 | 0 | %100 |
| 21 | M84 | Χ | 17.008 | 17.008 | 0 | %100 |

Mount Analysis

Aug 11, 2021 10:30 AM Checked By:_

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

| 22 M84 Z 0 | %100 %100 %100 %100 %100 |
|---|--------------------------------------|
| 23 M85 X 12.992 12.992 0 24 M85 Z 0 0 0 0 25 M91 X 13.685 13.685 0 0 26 M91 Z 0 0 0 0 0 27 M26 X 7.441 7.441 0 <td>%100 %100</td> | %100 %100 |
| 24 M85 Z 0 | 6100 |
| 25 M91 X 13.685 13.685 0 26 M91 Z 0 0 0 27 M26 X 7.441 7.441 0 9 28 M26 Z 0 0 0 0 0 29 M27 X 7.441 7.441 0 9 | |
| 26 M91 Z 0 0 0 27 M26 X 7.441 7.441 0 0 28 M26 Z 0 0 0 0 0 29 M27 X 7.441 7.441 0 0 0 30 M27 Z 0 0 0 0 0 0 31 M28 X 2.528 2.528 0 <td>/₋100</td> | / ₋ 100 |
| 27 M26 X 7.441 7.441 0 9 28 M26 Z 0 0 0 0 29 M27 X 7.441 7.441 0 0 30 M27 Z 0 0 0 0 31 M28 X 2.528 2.528 0 0 32 M28 Z 0 0 0 0 33 M29 X 6.395 6.395 0 0 34 M29 Z 0 0 0 0 35 M30 X 6.395 6.395 0 0 36 M30 X 6.395 6.395 0 0 37 M31 X 12.756 12.756 0 0 38 M31 X 12.756 0 0 0 39 M34 X 7.083 7.083 | |
| 28 M26 Z 0 0 0 29 M27 X 7.441 7.441 0 9 30 M27 Z 0 0 0 0 0 31 M28 X 2.528 2.528 0 0 0 32 M28 Z 0 0 0 0 0 0 33 M29 X 6.395 6.395 0 <td>6100</td> | 6100 |
| 29 M27 X 7.441 7.441 0 9 30 M27 Z 0 0 0 0 31 M28 X 2.528 2.528 0 0 32 M28 Z 0 0 0 0 0 33 M29 X 6.395 6.395 0 | <u>6100</u> |
| 30 M27 Z 0 0 0 31 M28 X 2.528 2.528 0 32 M28 Z 0 0 0 33 M29 X 6.395 6.395 0 34 M29 Z 0 0 0 35 M30 X 6.395 6.395 0 36 M30 Z 0 0 0 0 37 M31 X 12.756 12.756 0 0 38 M31 Z 0 0 0 0 39 M34 X 7.083 7.083 0 0 40 M34 Z 0 0 0 0 41 M35 X 0 0 0 0 42 M35 Z 0 0 0 0 43 M39 X 4.252 < | 6100 |
| 31 M28 X 2.528 2.528 0 9 32 M28 Z 0 0 0 0 33 M29 X 6.395 6.395 0 9 34 M29 Z 0 0 0 0 9 35 M30 X 6.395 6.395 0 9 | <u>6100</u> |
| 32 M28 Z 0 0 0 9 33 M29 X 6.395 6.395 0 9 34 M29 Z 0 0 0 0 9 35 M30 X 6.395 6.395 0 9 9 36 M30 Z 0 0 0 0 9 9 37 M31 X 12.756 12.756 0 0 9 </td <td><u>6100</u></td> | <u>6100</u> |
| 33 M29 X 6.395 0 9 34 M29 Z 0 0 0 9 35 M30 X 6.395 6.395 0 9 36 M30 Z 0 0 0 0 37 M31 X 12.756 12.756 0 0 38 M31 Z 0 0 0 0 39 M34 X 7.083 7.083 0 0 40 M34 Z 0 0 0 0 41 M35 X 0 0 0 0 42 M35 Z 0 0 0 0 43 M39 X 4.252 4.252 0 0 44 M39 Z 0 0 0 0 45 M40 X 12.992 12.992 0 0 | <u>6100</u> |
| 34 M29 Z 0 0 0 9 35 M30 X 6.395 6.395 0 9 36 M30 Z 0 0 0 0 9 37 M31 X 12.756 12.756 0 0 9 38 M31 Z 0 0 0 0 0 9 39 M34 X 7.083 7.083 0 9 </td <td>6100</td> | 6100 |
| 34 M29 Z 0 0 0 9 35 M30 X 6.395 6.395 0 9 36 M30 Z 0 0 0 0 9 37 M31 X 12.756 12.756 0 0 9 38 M31 Z 0 0 0 0 9 39 M34 X 7.083 7.083 0 0 9 40 M34 Z 0 0 0 0 9 41 M35 X 0 0 0 0 9 42 M35 Z 0 0 0 9 9 43 M39 X 4.252 4.252 0 0 9 45 M40 X 12.992 12.992 0 0 9 46 M40 Z 0 0 0 0 0 0 47 M42 X 13.685 13.685 | 6100 |
| 35 M30 X 6.395 6.395 0 9 36 M30 Z 0 0 0 9 37 M31 X 12.756 12.756 0 0 38 M31 Z 0 0 0 0 39 M34 X 7.083 7.083 0 0 40 M34 Z 0 0 0 0 41 M35 X 0 0 0 0 42 M35 Z 0 0 0 0 43 M39 X 4.252 4.252 0 0 44 M39 Z 0 0 0 0 0 45 M40 X 12.992 12.992 0 0 0 46 M40 Z 0 0 0 0 0 0 47 M42 X 13.685 13.685 0 0 0 | 6100 |
| 36 M30 Z 0 0 0 37 M31 X 12.756 12.756 0 38 M31 Z 0 0 0 39 M34 X 7.083 7.083 0 40 M34 Z 0 0 0 41 M35 X 0 0 0 0 42 M35 Z 0 0 0 0 0 43 M39 X 4.252 4.252 0 0 0 44 M39 Z 0 0 0 0 0 0 45 M40 X 12.992 12.992 0 0 0 46 M40 Z 0 0 0 0 0 47 M42 X 13.685 13.685 0 0 0 | 6100 |
| 37 M31 X 12.756 0 0 9 38 M31 Z 0 0 0 0 9 39 M34 X 7.083 7.083 0 0 9 9 40 M34 Z 0 0 0 0 0 9 </td <td>6100</td> | 6100 |
| 38 M31 Z 0 0 0 39 M34 X 7.083 7.083 0 40 M34 Z 0 0 0 41 M35 X 0 0 0 42 M35 Z 0 0 0 43 M39 X 4.252 4.252 0 44 M39 Z 0 0 0 45 M40 X 12.992 12.992 0 46 M40 Z 0 0 0 47 M42 X 13.685 13.685 0 | 6100 |
| 39 M34 X 7.083 7.083 0 9 40 M34 Z 0 0 0 9 41 M35 X 0 0 0 9 42 M35 Z 0 0 0 9 43 M39 X 4.252 4.252 0 9 44 M39 Z 0 0 0 9 45 M40 X 12.992 12.992 0 9 46 M40 Z 0 0 0 0 47 M42 X 13.685 13.685 0 | 6100 |
| 40 M34 Z 0 0 0 9 41 M35 X 0 0 0 0 42 M35 Z 0 0 0 0 43 M39 X 4.252 4.252 0 0 44 M39 Z 0 0 0 0 0 45 M40 X 12.992 12.992 0 0 0 46 M40 Z 0 0 0 0 0 0 47 M42 X 13.685 13.685 0 0 0 | 6100 |
| 41 M35 X 0 0 0 0 42 M35 Z 0 0 0 0 43 M39 X 4.252 4.252 0 0 44 M39 Z 0 0 0 0 45 M40 X 12.992 12.992 0 0 46 M40 Z 0 0 0 0 47 M42 X 13.685 13.685 0 | 6100 |
| 42 M35 Z 0 0 0 43 M39 X 4.252 4.252 0 44 M39 Z 0 0 0 45 M40 X 12.992 12.992 0 46 M40 Z 0 0 0 47 M42 X 13.685 13.685 0 | 6100 |
| 43 M39 X 4.252 4.252 0 44 M39 Z 0 0 0 45 M40 X 12.992 12.992 0 9 46 M40 Z 0 0 0 9 47 M42 X 13.685 13.685 0 9 | 6100 |
| 44 M39 Z 0 0 0 45 M40 X 12.992 12.992 0 46 M40 Z 0 0 0 47 M42 X 13.685 13.685 0 | 6100 |
| 45 M40 X 12.992 12.992 0 46 M40 Z 0 0 0 47 M42 X 13.685 13.685 0 | 6100 |
| 46 M40 Z 0 0 0 47 M42 X 13.685 13.685 0 | 6100 |
| 47 M42 X 13.685 13.685 0 | 6100 |
| | 6100 |
| | 6100 |
| | 6100 |
| | 6100 |
| | 6100 |
| | 6100 |
| | 6100 |
| | 6100 |
| | 6100 |
| | 6100 |
| 57 M53 X 6.395 6.395 0 | 6100 |
| | 6100 |
| | 6100 |
| 60 M54 Z 0 0 0 0 | 6100 |
| | 6100 |
| 62 M55 Z 0 0 0 9 | 6100 |
| 63 M58A X 0 0 0 | 6100 |
| 64 M58A Z 0 0 0 | 6100 |
| | 6100 |
| 66 M59A Z 0 0 0 | 6100 |
| 67 M63 X 4.252 4.252 0 | 6100 |
| 68 M63 Z 0 0 0 | 6100 |
| 69 M64 X 0 0 0 | 6100 |
| 70 M64 Z 0 0 0 0 | 6100 |
| 71 M66 X 0 0 0 | 6100 |
| | 6100 |
| | 6100 |
| 74 M68 Z 0 0 0 0 | 6100 |
| | 6100 |
| | 6100 |
| | |
| 78 M71 Z 0 0 0 9 | <u>6100</u> |

Mount Analysis

Aug 11, 2021 10:30 AM Checked By:___

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

| | Member Label | Direction | Start Magnitude[lb/ft, | End Magnitude[lb/ft,F | . Start Location[ft,%] | End Location[ft,%] |
|-----|--------------|-----------|------------------------|-----------------------|------------------------|--------------------|
| 79 | MP1A | X | 6.732 | 6.732 | 0 | %100 |
| 80 | MP1A | Z | 0 | 0 | 0 | %100 |
| 81 | MP4A | X | 6.732 | 6.732 | 0 | %100 |
| 82 | MP4A | Z | 0 | 0 | 0 | %100 |
| 83 | MP3A | X | 8.15 | 8.15 | 0 | %100 |
| 84 | MP3A | Z | 0 | 0 | 0 | %100 |
| 85 | MP2A | X | 6.732 | 6.732 | 0 | %100 |
| 86 | MP2A | Z | 0 | 0 | 0 | %100 |
| 87 | MP4B | X | 6.732 | 6.732 | 0 | %100 |
| 88 | MP4B | Z | 0 | 0 | 0 | %100 |
| 89 | MP1B | X | 6.732 | 6.732 | 0 | %100 |
| 90 | MP1B | Z | 0 | 0 | 0 | %100 |
| 91 | MP3B | X | 8.15 | 8.15 | 0 | %100 |
| 92 | MP3B | Z | 0 | 0 | 0 | %100 |
| 93 | MP2B | Х | 6.732 | 6.732 | 0 | %100 |
| 94 | MP2B | Z | 0 | 0 | 0 | %100 |
| 95 | MP4C | Χ | 6.732 | 6.732 | 0 | %100 |
| 96 | MP4C | Z | 0 | 0 | 0 | %100 |
| 97 | MP3C | X | 8.15 | 8.15 | 0 | %100 |
| 98 | MP3C | Z | 0 | 0 | 0 | %100 |
| 99 | MP2C | Х | 6.732 | 6.732 | 0 | %100 |
| 100 | MP2C | Z | 0 | 0 | 0 | %100 |
| 101 | MP1C | X | 6.732 | 6.732 | 0 | %100 |
| 102 | MP1C | Z | 0 | 0 | 0 | %100 |
| 103 | 01 | Х | 5.505 | 5.505 | 0 | %100 |
| 104 | 01 | Z | 0 | 0 | 0 | %100 |
| 105 | 02 | Х | 5.505 | 5.505 | 0 | %100 |
| 106 | 02 | Z | 0 | 0 | 0 | %100 |
| 107 | M104 | X | 0 | 0 | 0 | %100 |
| 108 | M104 | Z | 0 | 0 | 0 | %100 |
| 109 | M105 | X | 6.112 | 6.112 | 0 | %100 |
| 110 | M105 | Z | 0 | 0 | 0 | %100 |
| 111 | M106 | Χ | 6.112 | 6.112 | 0 | %100 |
| 112 | M106 | Z | 0 | 0 | 0 | %100 |
| 113 | M125 | Χ | 8.097 | 8.097 | 0 | %100 |
| 114 | M125 | Z | 0 | 0 | 0 | %100 |
| 115 | M126 | X | 8.097 | 8.097 | 0 | %100 |
| 116 | M126 | Z | 0 | 0 | 0 | %100 |
| 117 | M127 | X | 0 | 0 | 0 | %100 |
| 118 | M127 | 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 | 2.148 | 2.148 | 0 | %100 |
| 2 | M1 | Z | 1.24 | 1.24 | 0 | %100 |
| 3 | M4 | X | 6.568 | 6.568 | 0 | %100 |
| 4 | M4 | Z | 3.792 | 3.792 | 0 | %100 |
| 5 | M10 | X | 1.846 | 1.846 | 0 | %100 |
| 6 | M10 | Z | 1.066 | 1.066 | 0 | %100 |
| 7 | M43 | X | 1.846 | 1.846 | 0 | %100 |
| 8 | M43 | Z | 1.066 | 1.066 | 0 | %100 |
| 9 | M46 | X | 3.682 | 3.682 | 0 | %100 |
| 10 | M46 | Z | 2.126 | 2.126 | 0 | %100 |
| 11 | M51B | X | 2.045 | 2.045 | 0 | %100 |
| 12 | M51B | Z | 1.181 | 1.181 | 0 | %100 |
| 13 | M52B | X | 8.179 | 8.179 | 0 | %100 |

Mount Analysis

Aug 11, 2021 10:30 AM Checked By:__

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

| | Member Label | Direction | | End Magnitude[lb/ft,F | Start Location[ft,%] | End Location[ft,%] |
|----|--------------|-----------|--------|-----------------------|----------------------|--------------------|
| 14 | M52B | Z | 4.722 | 4.722 | 0 | %100 |
| 15 | M76 | X | 11.047 | 11.047 | 0 | %100 |
| 16 | M76 | Z | 6.378 | 6.378 | 0 | %100 |
| 17 | M77 | X | 3.751 | 3.751 | 0 | %100 |
| 18 | M77 | Z | 2.165 | 2.165 | 0 | %100 |
| 19 | M80 | X | 3.95 | 3.95 | 0 | %100 |
| 20 | M80 | Z | 2.281 | 2.281 | 0 | %100 |
| 21 | M84 | X | 11.047 | 11.047 | 0 | %100 |
| 22 | M84 | Z | 6.378 | 6.378 | 0 | %100 |
| 23 | M85 | X | 15.002 | 15.002 | 0 | %100 |
| 24 | M85 | Z | 8.662 | 8.662 | 0 | %100 |
| 25 | M91 | X | 15.802 | 15.802 | 0 | %100 |
| 26 | M91 | Z | 9.123 | 9.123 | 0 | %100 |
| 27 | M26 | Χ | 2.148 | 2.148 | 0 | %100 |
| 28 | M26 | Z | 1.24 | 1.24 | 0 | %100 |
| 29 | M27 | X | 8.592 | 8.592 | 0 | %100 |
| 30 | M27 | Z | 4.961 | 4.961 | 0 | %100 |
| 31 | M28 | X | 6.568 | 6.568 | 0 | %100 |
| 32 | M28 | Z | 3.792 | 3.792 | 0 | %100 |
| 33 | M29 | X | 1.846 | 1.846 | 0 | %100 |
| 34 | M29 | Z | 1.066 | 1.066 | 0 | %100 |
| 35 | M30 | X | 1.846 | 1.846 | 0 | %100 |
| 36 | M30 | Z | 1.066 | 1.066 | 0 | %100 |
| 37 | M31 | X | 3.682 | 3.682 | 0 | %100 |
| 38 | M31 | Z | 2.126 | 2.126 | 0 | %100 |
| 39 | M34 | X | 8.179 | 8.179 | 0 | %100 |
| 40 | M34 | Z | 4.722 | 4.722 | 0 | %100 |
| 41 | M35 | X | 2.045 | 2.045 | 0 | %100 |
| 42 | M35 | Z | 1.181 | 1.181 | 0 | %100 |
| 43 | M39 | X | 11.047 | 11.047 | 0 | %100 |
| 44 | M39 | Z | 6.378 | 6.378 | 0 | %100 |
| 45 | M40 | X | 15.002 | 15.002 | 0 | %100 |
| 46 | M40 | Z | 8.662 | 8.662 | 0 | %100 |
| 47 | M42 | X | 15.802 | 15.802 | 0 | %100 |
| 48 | M42 | Z | 9.123 | 9.123 | 0 | %100 |
| 49 | M44 | X | 11.047 | 11.047 | 0 | %100 |
| 50 | M44 | Z | 6.378 | 6.378 | 0 | %100 |
| 51 | M45 | X | 3.751 | 3.751 | 0 | %100 |
| 52 | M45 | Z | 2.165 | 2.165 | 0 | %100 |
| 53 | M47 | X | 3.95 | 3.95 | 0 | %100 |
| 54 | M47 | Z | 2.281 | 2.281 | 0 | %100 |
| 55 | M52A | X | 0 | 0 | 0 | %100 |
| 56 | M52A | Z | 0 | 0 | 0 | %100 |
| 57 | M53 | X | 7.385 | 7.385 | 0 | %100 |
| 58 | M53 | Z | 4.264 | 4.264 | 0 | %100 |
| 59 | M54 | Χ | 7.385 | 7.385 | 0 | %100 |
| 60 | M54 | Z | 4.264 | 4.264 | 0 | %100 |
| 61 | M55 | Χ | 14.73 | 14.73 | 0 | %100 |
| 62 | M55 | Z | 8.504 | 8.504 | 0 | %100 |
| 63 | M58A | X | 2.045 | 2.045 | 0 | %100 |
| 64 | M58A | Z | 1.181 | 1.181 | 0 | %100 |
| 65 | M59A | Х | 2.045 | 2.045 | 0 | %100 |
| 66 | M59A | Z | 1.181 | 1.181 | 0 | %100 |
| 67 | M63 | X | 0 | 0 | 0 | %100 |
| 68 | M63 | Z | 0 | 0 | 0 | %100 |
| 69 | M64 | X | 3.751 | 3.751 | 0 | %100 |
| 70 | M64 | Z | 2.165 | 2.165 | 0 | %100 |

Mount Analysis

Aug 11, 2021 10:30 AM Checked By:___

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

| | Member Label | Direction | Start Magnitude[lb/ft, | .End Magnitude[lb/ft,F | Start Location[ft,%] | End Location[ft,%] |
|-----|--------------|-----------|------------------------|------------------------|----------------------|--------------------|
| 71 | M66 | Х | 3.95 | 3.95 | 0 | %100 |
| 72 | M66 | Z | 2.281 | 2.281 | 0 | %100 |
| 73 | M68 | Х | 0 | 0 | 0 | %100 |
| 74 | M68 | Z | 0 | 0 | 0 | %100 |
| 75 | M69 | Х | 3.751 | 3.751 | 0 | %100 |
| 76 | M69 | Z | 2.165 | 2.165 | 0 | %100 |
| 77 | M71 | X | 3.95 | 3.95 | 0 | %100 |
| 78 | M71 | Z | 2.281 | 2.281 | 0 | %100 |
| 79 | MP1A | X | 5.83 | 5.83 | 0 | %100 |
| 80 | MP1A | Z | 3.366 | 3.366 | 0 | %100 |
| 81 | MP4A | X | 5.83 | 5.83 | 0 | %100 |
| 82 | MP4A | Z | 3.366 | 3.366 | 0 | %100 |
| 83 | MP3A | X | 7.058 | 7.058 | 0 | %100 |
| 84 | MP3A | Z | 4.075 | 4.075 | 0 | %100 |
| 85 | MP2A | X | 5.83 | 5.83 | 0 | %100 |
| 86 | MP2A | Z | 3.366 | 3.366 | 0 | %100 |
| 87 | MP4B | X | 5.83 | 5.83 | 0 | %100 |
| 88 | MP4B | Z | 3.366 | 3.366 | 0 | %100 |
| 89 | MP1B | X | 5.83 | 5.83 | 0 | %100 |
| 90 | MP1B | Z | 3.366 | 3.366 | 0 | %100 %100 |
| 91 | MP3B | X | 7.058 | 7.058 | 0 | %100 |
| 92 | MP3B | Z | 4.075 | 4.075 | 0 | %100 %100 |
| 93 | MP2B | X | 5.83 | 5.83 | 0 | %100 %100 |
| 94 | MP2B | Z | 3.366 | 3.366 | 0 | %100 %100 |
| 95 | MP4C | X | 5.83 | 5.83 | 0 | %100 %100 |
| 96 | MP4C | Z | 3.366 | 3.366 | 0 | %100 %100 |
| 97 | MP3C | X | 7.058 | 7.058 | 0 | %100 %100 |
| 98 | MP3C | Z | 4.075 | 4.075 | 0 | %100 %100 |
| 99 | MP2C | X | 5.83 | 5.83 | 0 | %100 %100 |
| 100 | MP2C | Z | 3.366 | 3.366 | 0 | %100 %100 |
| 101 | MP1C | X | 5.83 | 5.83 | 0 | %100 %100 |
| 102 | MP1C | Z | 3.366 | 3.366 | 0 | %100 %100 |
| 102 | 01 | X | 4.768 | 4.768 | 0 | %100 %100 |
| 103 | 01 | Z | 2.753 | 2.753 | 0 | %100 %100 |
| 105 | O2 | | | | | %100 %100 |
| 106 | 02 | X Z | 4.768 2.753 | 4.768 2.753 | 0 | %100 %100 |
| | | | | | - | |
| 107 | M104 | X Z | 1.764 | 1.764 | 0 | %100 %100 |
| 108 | M104 | | 1.019 | 1.019 | 0 | %100 %100 |
| 109 | M105 | X Z | 1.764 | 1.764 | 0 | %100 %100 |
| 110 | M105 | | 1.019 | 1.019 | 0 | %100 %100 |
| 111 | M106 | X | 7.058 | 7.058 | 0 | %100 %400 |
| 112 | M106 | Z | 4.075 | 4.075 | 0 | %100 %400 |
| 113 | M125 | X | 2.337 | 2.337 | 0 | %100 %400 |
| 114 | M125 | Z | 1.349 | 1.349 | 0 | %100 |
| 115 | M126 | X | 9.349 | 9.349 | 0 | %100 |
| 116 | M126 | Z | 5.398 | 5.398 | 0 | %100 |
| 117 | M127 | X Z | 2.337 | 2.337 | 0 | %100 |
| 118 | M127 | | 1.349 | 1.349 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft, | .End Magnitude[lb/ft,F | . Start Location[ft,%] | End Location[ft,%] |
|---|--------------|-----------|------------------------|------------------------|------------------------|--------------------|
| 1 | M1 | X | 3.721 | 3.721 | 0 | %100 |
| 2 | M1 | Z | 6.444 | 6.444 | 0 | %100 |
| 3 | M4 | Χ | 1.264 | 1.264 | 0 | %100 |
| 4 | M4 | Z | 2.189 | 2.189 | 0 | %100 |
| 5 | M10 | Χ | 3.198 | 3.198 | 0 | %100 |

Mount Analysis

Aug 11, 2021 10:30 AM Checked By:___

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

| mem | Member Label | Direction | | .End Magnitude[lb/ft,F | | End Location[ft,%] |
|-----|-------------------|-----------|----------------|------------------------|---|--------------------|
| 6 | M10 | Z | 5.539 | 5.539 | 0 | %100 |
| 7 | M43 | X | 3.198 | 3.198 | 0 | %100 |
| 8 | M43 | Z | 5.539 | 5.539 | 0 | %100 |
| 9 | M46 | Х | 6.378 | 6.378 | 0 | %100 |
| 10 | M46 | Z | 11.047 | 11.047 | 0 | %100 |
| 11 | M51B | Х | 0 | 0 | 0 | %100 |
| 12 | M51B | Z | 0 | 0 | 0 | %100 |
| 13 | M52B | Χ | 3.542 | 3.542 | 0 | %100 |
| 14 | M52B | Z | 6.134 | 6.134 | 0 | %100 |
| 15 | M76 | X | 2.126 | 2.126 | 0 | %100 |
| 16 | M76 | Z | 3.682 | 3.682 | 0 | %100 |
| 17 | M77 | X | 0 | 0 | 0 | %100 |
| 18 | M77 | Z | 0 | 0 | 0 | %100 |
| 19 | M80 | X | 0 | 0 | 0 | %100 |
| 20 | M80 | Z | 0 | 0 | 0 | %100 |
| 21 | M84 | X | 2.126 | 2.126 | 0 | %100 |
| 22 | M84 | Z | 3.682 | 3.682 | 0 | %100 |
| 23 | M85 | X | 6.496 | 6.496 | 0 | %100 |
| 24 | M85 | Z | 11.252 | 11.252 | 0 | %100 |
| 25 | M91 | X | 6.842 | 6.842 | 0 | %100 |
| 26 | M91 | Z | 11.851 | 11.851 | 0 | %100 |
| 27 | M26 | X | 0 | 0 | 0 | %100 |
| 28 | M26 | Z | 0 | 0 | 0 | %100 |
| 29 | M27 | X | 3.721 | 3.721 | 0 | %100 |
| 30 | M27 | Z | 6.444 | 6.444 | 0 | %100 |
| 31 | M28 | X | 5.056 | 5.056 | 0 | %100 |
| 32 | M28 | Z | 8.757 | 8.757 | 0 | %100 |
| 33 | M29 | X | 0 | 0 | 0 | %100 |
| 34 | M29 | Z | 0 | 0 | 0 | %100 |
| 35 | M30 | X | 0 | 0 | 0 | %100 |
| 36 | M30 | Z | 0 | 0 | 0 | %100 |
| 37 | M31 | X | 0 | 0 | 0 | %100 |
| 38 | M31 | Z | 0 | 0 | 0 | %100 |
| 39 | M34 | X Z | 3.542 | 3.542 | 0 | %100 |
| 40 | M34 | | 6.134 | 6.134 | 0 | %100 |
| 41 | M35 | X | 3.542 | 3.542 | 0 | %100 |
| 42 | M35 | Z | 6.134 | 6.134 | 0 | %100 |
| 43 | M39 | X | 8.504 | 8.504 | 0 | %100 %100 |
| 44 | <u>M39</u> M40 | Z X | 14.73 6.496 | 14.73 6.496 | 0 | %100 %100 |
| 45 | M40 | Z | 11.252 | 11.252 | 0 | %100 %100 |
| 47 | M42 | X | 6.842 | 6.842 | 0 | %100 %100 |
| 48 | M42 | Z | 11.851 | 11.851 | 0 | %100 %100 |
| 49 | M44 | X | 8.504 | 8.504 | 0 | %100 %100 |
| 50 | M44 | Z | 14.73 | 14.73 | 0 | %100 %100 |
| 51 | M45 | X | 6.496 | 6.496 | 0 | %100 %100 |
| 52 | M45 | Z | 11.252 | 11.252 | 0 | %100 %100 |
| 53 | M47 | X | 6.842 | 6.842 | 0 | %100 %100 |
| 54 | M47 | Z | 11.851 | 11.851 | 0 | %100 %100 |
| 55 | M52A | X | 1.264 | 1.264 | 0 | %100 %100 |
| 56 | M52A | Z | 2.189 | 2.189 | 0 | %100 %100 |
| 57 | M53 | X | 3.198 | 3.198 | 0 | %100 %100 |
| 58 | M53 | Z | 5.539 | 5.539 | 0 | %100 %100 |
| 59 | M54 | X | 3.198 | 3.198 | 0 | %100 %100 |
| 60 | M54 | Z | 5.539 | 5.539 | 0 | %100 |
| 61 | M55 | X | 6.378 | 6.378 | 0 | %100 |
| 62 | M55 | Z | 11.047 | 11.047 | 0 | %100 |

Mount Analysis

Aug 11, 2021 10:30 AM Checked By:_

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

| | Member Label | Direction | Start Magnitude[lb/ft, | End Magnitude[lb/ft,F | . Start Location[ft,%] | End Location[ft,%] |
|-----|--------------|-----------|------------------------|-----------------------|------------------------|--------------------|
| 63 | M58A | X | 3.542 | 3.542 | 0 | %100 |
| 64 | M58A | Z | 6.134 | 6.134 | 0 | %100 |
| 65 | M59A | X | 0 | 0 | 0 | %100 |
| 66 | M59A | Z | 0 | 0 | 0 | %100 |
| 67 | M63 | X | 2.126 | 2.126 | 0 | %100 |
| 68 | M63 | Z | 3.682 | 3.682 | 0 | %100 |
| 69 | M64 | X | 6.496 | 6.496 | 0 | %100 |
| 70 | M64 | Z | 11.252 | 11.252 | 0 | %100 |
| 71 | M66 | X | 6.842 | 6.842 | 0 | %100 |
| 72 | M66 | Z | 11.851 | 11.851 | 0 | %100 |
| 73 | M68 | Х | 2.126 | 2.126 | 0 | %100 |
| 74 | M68 | Z | 3.682 | 3.682 | 0 | %100 |
| 75 | M69 | X | 0 | 0 | 0 | %100 |
| 76 | M69 | Z | 0 | 0 | 0 | %100 |
| 77 | M71 | X | 0 | 0 | 0 | %100 |
| 78 | M71 | Z | 0 | 0 | 0 | %100 |
| 79 | MP1A | X | 3.366 | 3.366 | 0 | %100 |
| 80 | MP1A | Z | 5.83 | 5.83 | 0 | %100 |
| 81 | MP4A | X | 3.366 | 3.366 | 0 | %100 |
| 82 | MP4A | Z | 5.83 | 5.83 | 0 | %100 |
| 83 | MP3A | X | 4.075 | 4.075 | 0 | %100 |
| 84 | MP3A | Z | 7.058 | 7.058 | 0 | %100 |
| 85 | MP2A | X | 3.366 | 3.366 | 0 | %100 |
| 86 | MP2A | Z | 5.83 | 5.83 | 0 | %100 |
| 87 | MP4B | Х | 3.366 | 3.366 | 0 | %100 |
| 88 | MP4B | Z | 5.83 | 5.83 | 0 | %100 |
| 89 | MP1B | X | 3.366 | 3.366 | 0 | %100 |
| 90 | MP1B | Z | 5.83 | 5.83 | 0 | %100 |
| 91 | MP3B | X | 4.075 | 4.075 | 0 | %100 |
| 92 | MP3B | Z | 7.058 | 7.058 | 0 | %100 |
| 93 | MP2B | X | 3.366 | 3.366 | 0 | %100 |
| 94 | MP2B | Z | 5.83 | 5.83 | 0 | %100 |
| 95 | MP4C | X | 3.366 | 3.366 | 0 | %100 |
| 96 | MP4C | Z | 5.83 | 5.83 | 0 | %100 |
| 97 | MP3C | X | 4.075 | 4.075 | 0 | %100 |
| 98 | MP3C | Z | 7.058 | 7.058 | 0 | %100 |
| 99 | MP2C | X | 3.366 | 3.366 | 0 | %100 |
| 100 | MP2C | Z | 5.83 | 5.83 | 0 | %100 |
| 101 | MP1C | X | 3.366 | 3.366 | 0 | %100 |
| 102 | MP1C | Z | 5.83 | 5.83 | 0 | %100 |
| 103 | 01 | X | 2.753 | 2.753 | 0 | %100 |
| 104 | 01 | Z | 4.768 | 4.768 | 0 | %100 |
| 105 | 02 | X | 2.753 | 2.753 | 0 | %100 |
| 106 | 02 | Z | 4.768 | 4.768 | 0 | %100 |
| 107 | M104 | X | 3.056 | 3.056 | 0 | %100 |
| 108 | M104 | Z | 5.293 | 5.293 | 0 | %100 |
| 109 | M105 | X | 0 | 0 | 0 | %100 |
| 110 | M105 | Z | 0 | 0 | 0 | %100 |
| 111 | M106 | X | 3.056 | 3.056 | 0 | %100 |
| 112 | M106 | Z | 5.293 | 5.293 | 0 | %100 |
| 113 | M125 | X | 0 | 0 | 0 | %100 |
| 114 | M125 | Z | 0 | 0 | 0 | %100 |
| 115 | M126 | X | 4.048 | 4.048 | 0 | %100 |
| 116 | M126 | Z | 7.012 | 7.012 | 0 | %100 |
| 117 | M127 | X | 4.048 | 4.048 | 0 | %100 |
| 118 | M127 | Z | 7.012 | 7.012 | 0 | %100 |

Mount Analysis

Aug 11, 2021 10:30 AM Checked By:_

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

| | Member Label | Direction | Start Magnitude[lb/ft, | End Magnitude[lb/ft,F | Start Location[ft,%] | End Location[ft,%] |
|----|--------------|-----------|------------------------|-----------------------|----------------------|--------------------|
| 1 | M1 | X | 0 | 0 | 0 | %100 |
| 2 | M1 | Z | 9.922 | 9.922 | 0 | %100 |
| 3 | M4 | X | 0 | 0 | 0 | %100 |
| 4 | M4 | Z | 0 | 0 | 0 | %100 |
| 5 | M10 | X | 0 | 0 | 0 | %100 |
| 6 | M10 | Z | 8.527 | 8.527 | 0 | %100 |
| 7 | M43 | X | 0 | 0 | 0 | %100 |
| 8 | M43 | Z | 8.527 | 8.527 | 0 | %100 |
| 9 | M46 | X | 0 | 0 | 0 | %100 |
| 10 | M46 | Z | 17.008 | 17.008 | 0 | %100 |
| 11 | M51B | X | 0 | 0 | 0 | %100 |
| 12 | M51B | Z | 2.361 | 2.361 | 0 | %100 |
| 13 | M52B | X | 0 | 0 | 0 | %100 |
| 14 | M52B | Z | 2.361 | 2.361 | 0 | %100 |
| 15 | M76 | X | 0 | 0 | 0 | %100 |
| 16 | M76 | Z | 0 | 0 | 0 | %100 |
| 17 | M77 | X | 0 | 0 | 0 | %100 |
| 18 | M77 | Z | 4.331 | 4.331 | 0 | %100 |
| 19 | M80 | X | 0 | 0 | 0 | %100 |
| 20 | M80 | Z | 4.562 | 4.562 | 0 | %100 |
| 21 | M84 | X | 0 | 0 | 0 | %100 |
| 22 | M84 | Z | 0 | 0 | 0 | %100 |
| 23 | M85 | X | 0 | 0 | 0 | %100 |
| 24 | M85 | Z | 4.331 | 4.331 | 0 | %100 |
| 25 | M91 | X | 0 | 0 | 0 | %100 |
| 26 | M91 | Z | 4.562 | 4.562 | 0 | %100 |
| 27 | M26 | X | 0 | 0 | 0 | %100 |
| 28 | M26 | Z | 2.48 | 2.48 | 0 | %100 |
| 29 | M27 | X | 0 | 0 | 0 | %100 |
| 30 | M27 | Z | 2.48 | 2.48 | 0 | %100 |
| 31 | M28 | X | 0 | 0 | 0 | %100 |
| 32 | M28 | Z | 7.584 | 7.584 | 0 | %100 |
| 33 | <u>M29</u> | X | 0 | 0 | 0 | %100 |
| 34 | M29 | Z | 2.132 | 2.132 | 0 | %100 |
| 35 | M30 | X | 0 | 0 | 0 | %100 |
| 36 | M30 | Z | 2.132 | 2.132 | 0 | %100 |
| 37 | <u>M31</u> | X | 0 | 0 | 0 | %100 |
| 38 | <u>M31</u> | Z | 4.252 | 4.252 | 0 | %100 |
| 39 | M34 | X | 0 | 0 | 0 | %100 |
| 40 | M34 | Z | 2.361 | 2.361 | 0 | %100 |
| 41 | M35 | X | 0 | 0 | 0 | %100 |
| 42 | M35 | Z | 9.444 | 9.444 | 0 | %100 |
| 43 | M39 | X | 0 | 0 | 0 | %100 |
| 44 | M39 | Z | 12.756 | 12.756 | 0 | %100 |
| 45 | M40 | X | 0 | 0 | 0 | %100 |
| 46 | M40 | Z | 4.331 | 4.331 | 0 | %100 %400 |
| 47 | M42 | X | 0 | 0 | 0 | %100 |
| 48 | M42 | Z | 4.562 | 4.562 | 0 | %100 %400 |
| 49 | M44 | X | 0 | 0 | 0 | %100 %400 |
| 50 | M44 | Z | 12.756 | 12.756 | 0 | %100 %400 |
| 51 | M45 | X | 0 | 0 | 0 | %100 %400 |
| 52 | M45 | Z | 17.323 | 17.323 | 0 | %100 %400 |
| 53 | M47 | X Z | 0 | 19.246 | 0 | %100 %100 |
| 54 | M47 | X | 18.246 | 18.246 | | %100 %100 |
| 55 | M52A | Z | 0 7.584 | 7.584 | 0 | %100 %100 |
| 56 | M52A | | | | | %100 %100 |
| 57 | M53 | X | 0 | 0 | 0 | %100 |

Mount Analysis

Aug 11, 2021 10:30 AM Checked By:_

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

| | Member Label | Direction | | End Magnitude[lb/ft,F | . Start Location[ft,%] | End Location[ft,%] |
|-----|--------------|-----------|--------|-----------------------|------------------------|--------------------|
| 58 | M53 | Z | 2.132 | 2.132 | 0 | %100 |
| 59 | M54 | X | 0 | 0 | 0 | %100 |
| 60 | M54 | Z | 2.132 | 2.132 | 0 | %100 |
| 61 | M55 | X | 0 | 0 | 0 | %100 |
| 62 | M55 | Z | 4.252 | 4.252 | 0 | %100 |
| 63 | M58A | X | 0 | 0 | 0 | %100 |
| 64 | M58A | Z | 9.444 | 9.444 | 0 | %100 |
| 65 | M59A | X | 0 | 0 | 0 | %100 |
| 66 | M59A | Z | 2.361 | 2.361 | 0 | %100 |
| 67 | M63 | X | 0 | 0 | 0 | %100 |
| 68 | M63 | Z | 12.756 | 12.756 | 0 | %100 |
| 69 | M64 | X | 0 | 0 | 0 | %100 |
| 70 | M64 | Z | 17.323 | 17.323 | 0 | %100 |
| 71 | M66 | X | 0 | 0 | 0 | %100 |
| 72 | M66 | Z | 18.246 | 18.246 | 0 | %100 |
| 73 | M68 | X | 0 | 0 | 0 | %100 |
| 74 | M68 | Z | 12.756 | 12.756 | 0 | %100 |
| 75 | M69 | X | 0 | 0 | 0 | %100 |
| 76 | M69 | Z | 4.331 | 4.331 | 0 | %100 |
| 77 | M71 | X | 0 | 0 | 0 | %100 |
| 78 | M71 | Z | 4.562 | 4.562 | 0 | %100 |
| 79 | MP1A | X | 0 | 0 | 0 | %100 |
| 80 | MP1A | Z | 6.732 | 6.732 | 0 | %100 |
| 81 | MP4A | X | 0 | 0 | 0 | %100 |
| 82 | MP4A | Z | 6.732 | 6.732 | 0 | %100 |
| 83 | MP3A | X | 0 | 0 | 0 | %100 |
| 84 | MP3A | Z | 8.15 | 8.15 | 0 | %100 |
| 85 | MP2A | X | 0 | 0 | 0 | %100 |
| 86 | MP2A | Z | 6.732 | 6.732 | 0 | %100 |
| 87 | MP4B | X | 0 | 0 | 0 | %100 |
| 88 | MP4B | Z | 6.732 | 6.732 | 0 | %100 |
| 89 | MP1B | X | 0 | 0 | 0 | %100 |
| 90 | MP1B | Z | 6.732 | 6.732 | 0 | %100 |
| 91 | MP3B | X | 0 | 0 | 0 | %100 |
| 92 | MP3B | Z | 8.15 | 8.15 | 0 | %100 |
| 93 | MP2B | X | 0 | 0 | 0 | %100 |
| 94 | MP2B | Z | 6.732 | 6.732 | 0 | %100 |
| 95 | MP4C | X | 0 | 0 | 0 | %100 |
| 96 | MP4C | Z | 6.732 | 6.732 | 0 | %100 |
| 97 | MP3C | X | 0 | 0 | 0 | %100 |
| 98 | MP3C | Z | 8.15 | 8.15 | 0 | %100 |
| 99 | MP2C | X | 0 | 0 | 0 | %100 |
| 100 | MP2C | Z | 6.732 | 6.732 | 0 | %100 |
| 101 | MP1C | X | 0 | 0.702 | 0 | %100 |
| 102 | MP1C | Z | 6.732 | 6.732 | 0 | %100 |
| 103 | 01 | X | 0 | 0.702 | 0 | %100 |
| 104 | 01 | Z | 5.505 | 5.505 | 0 | %100 %100 |
| 105 | O2 | X | 0 | 0 | 0 | %100 %100 |
| 106 | 02 | Z | 5.505 | 5.505 | 0 | %100 %100 |
| 107 | M104 | X | 0 | 0 | 0 | %100 %100 |
| 108 | M104 | Z | 8.15 | 8.15 | 0 | %100 %100 |
| 109 | M105 | X | 0.13 | 0.13 | 0 | %100 %100 |
| 110 | M105 | Z | 2.037 | 2.037 | 0 | %100 %100 |
| 111 | M106 | X | 0 | 0 | 0 | %100 %100 |
| 112 | M106 | Z | 2.037 | 2.037 | 0 | %100 %100 |
| 113 | M125 | X | 0 | 0 | 0 | %100 %100 |
| 114 | M125 | Z | 2.699 | 2.699 | 0 | %100 %100 |
| 114 | IVI IZO | | 2.099 | 2.099 | U | 70 100 |

Mount Analysis

Aug 11, 2021 10:30 AM Checked By:__

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

| | Member Label | Direction | Start Magnitude[lb/ft, | .End Magnitude[lb/ft,F | . Start Location[ft,%] | End Location[ft,%] |
|-----|--------------|-----------|------------------------|------------------------|------------------------|--------------------|
| 115 | M126 | X | 0 | 0 | 0 | %100 |
| 116 | M126 | Z | 2.699 | 2.699 | 0 | %100 |
| 117 | M127 | X | 0 | 0 | 0 | %100 |
| 118 | M127 | Z | 10.795 | 10.795 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft, | .End Magnitude[lb/ft,F | . Start Location[ft,%] | End Location[ft,%] |
|----|--------------|-----------|------------------------|------------------------|------------------------|--------------------|
| 1 | M1 | X | -3.721 | -3.721 | 0 | %100 |
| 2 | M1 | Z | 6.444 | 6.444 | 0 | %100 |
| 3 | M4 | Χ | -1.264 | -1.264 | 0 | %100 |
| 4 | M4 | Z | 2.189 | 2.189 | 0 | %100 |
| 5 | M10 | Х | -3.198 | -3.198 | 0 | %100 |
| 6 | M10 | Z | 5.539 | 5.539 | 0 | %100 |
| 7 | M43 | Х | -3.198 | -3.198 | 0 | %100 |
| 8 | M43 | Z | 5.539 | 5.539 | 0 | %100 |
| 9 | M46 | X | -6.378 | -6.378 | 0 | %100 |
| 10 | M46 | Z | 11.047 | 11.047 | 0 | %100 |
| 11 | M51B | X | -3.542 | -3.542 | 0 | %100 |
| 12 | M51B | Z | 6.134 | 6.134 | 0 | %100 |
| 13 | M52B | X | 0 | 0 | 0 | %100 |
| 14 | M52B | Z | 0 | 0 | 0 | %100 |
| 15 | M76 | X | -2.126 | -2.126 | 0 | %100 |
| 16 | M76 | Z | 3.682 | 3.682 | 0 | %100 |
| 17 | M77 | X | -6.496 | -6.496 | 0 | %100 |
| 18 | M77 | Z | 11.252 | 11.252 | 0 | %100 |
| 19 | M80 | X | -6.842 | -6.842 | 0 | %100 |
| 20 | M80 | Z | 11.851 | 11.851 | 0 | %100 |
| 21 | M84 | X | -2.126 | -2.126 | 0 | %100 |
| 22 | M84 | Z | 3.682 | 3.682 | 0 | %100 |
| 23 | M85 | X | 0 | 0 | 0 | %100 |
| 24 | M85 | Z | 0 | 0 | 0 | %100 %100 |
| 25 | M91 | X | 0 | 0 | 0 | %100 |
| 26 | M91 | Z | 0 | 0 | 0 | %100 |
| 27 | M26 | X | -3.721 | -3.721 | 0 | %100 |
| 28 | M26 | Z | 6.444 | 6.444 | 0 | %100 |
| 29 | M27 | X | 0 | 0 | 0 | %100 |
| 30 | M27 | Z | 0 | 0 | 0 | %100 |
| 31 | M28 | X | -1.264 | -1.264 | 0 | %100 |
| 32 | M28 | Z | 2.189 | 2.189 | 0 | %100 |
| 33 | M29 | X | -3.198 | -3.198 | 0 | %100 |
| 34 | M29 | Z | 5.539 | 5.539 | 0 | %100 |
| 35 | M30 | X | -3.198 | -3.198 | 0 | %100 |
| 36 | M30 | Z | 5.539 | 5.539 | 0 | %100 |
| 37 | M31 | X | -6.378 | -6.378 | 0 | %100 |
| 38 | M31 | Z | 11.047 | 11.047 | 0 | %100 |
| 39 | M34 | X | 0 | 0 | 0 | %100 |
| 40 | M34 | Z | 0 | 0 | 0 | %100 |
| 41 | M35 | X | -3.542 | -3.542 | 0 | %100 |
| 42 | M35 | Z | 6.134 | 6.134 | 0 | %100 |
| 43 | M39 | X | -2.126 | -2.126 | 0 | %100 |
| 44 | M39 | Z | 3.682 | 3.682 | 0 | %100 |
| 45 | M40 | X | 0 | 0 | 0 | %100 |
| 46 | M40 | Z | 0 | 0 | 0 | %100 |
| 47 | M42 | X | 0 | 0 | 0 | %100 |
| 48 | M42 | Z | 0 | 0 | 0 | %100 |
| 49 | M44 | X | -2.126 | -2.126 | 0 | %100 |

Mount Analysis

Aug 11, 2021 10:30 AM Checked By:_

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

| | Member Label | Direction | Start Magnitude[lb/ft,. | End Magnitude[lb/ft,F | . Start Location[ft,%] | End Location[ft,%] |
|----------|--------------|-----------|-------------------------|-----------------------|------------------------|--------------------|
| 50 | M44 | Z | 3.682 | 3.682 | 0 | %100 |
| 51 | M45 | X | -6.496 | -6.496 | 0 | %100 |
| 52 | M45 | Z | 11.252 | 11.252 | 0 | %100 |
| 53 | M47 | X | -6.842 | -6.842 | 0 | %100 |
| 54 | M47 | Z | 11.851 | 11.851 | 0 | %100 |
| 55 | M52A | X | -5.056 | -5.056 | 0 | %100 |
| 56 | M52A | Z | 8.757 | 8.757 | 0 | %100 |
| 57 | M53 | X | 0 | 0 | 0 | %100 |
| 58 | M53 | Z | 0 | 0 | 0 | %100 |
| 59 | M54 | X | 0 | 0 | 0 | %100 |
| 60 | M54 | Z | 0 | 0 | 0 | %100 |
| 61 | <u>M55</u> | X | 0 | 0 | 0 | %100 |
| 62 | M55 | Z | 0 | 0 | 0 | %100 |
| 63 | M58A | X | -3.542 | -3.542 | 0 | %100 |
| 64 | M58A | Z | 6.134 | 6.134 | 0 | %100 |
| 65 | M59A | X | -3.542 | -3.542 | 0 | %100 |
| 66 | <u>M59A</u> | Z | 6.134 | 6.134 | 0 | %100 |
| 67 | M63 | X | -8.504 | -8.504 | 0 | %100 |
| 68 | M63 | Z | 14.73 | 14.73 | 0 | %100 |
| 69 | M64 | X | -6.496 | -6.496 | 0 | %100 |
| 70 | M64 | Z | 11.252 | 11.252 | 0 | %100 |
| 71 | <u>M66</u> | X | -6.842 | -6.842 | 0 | %100 |
| 72 | M66 | Z | 11.851 | 11.851 | 0 | %100 |
| 73 | M68 | X | -8.504 | -8.504 | 0 | %100 |
| 74 | M68 | Z | 14.73 | 14.73 | 0 | %100 |
| 75 | M69 | X | -6.496 | -6.496 | 0 | %100 |
| 76 | M69 | Z | 11.252 | 11.252 | 0 | %100 |
| 77 | M71 | X | -6.842 | -6.842 | 0 | %100 |
| 78 | M71 | Z | 11.851 | 11.851 | 0 | %100 |
| 79 | MP1A | X | -3.366 | -3.366 | 0 | %100 |
| 80 | MP1A | Z | 5.83 | 5.83 | 0 | %100 |
| 81 | MP4A | X | -3.366 | -3.366 | 0 | %100 |
| 82 | MP4A | Z | 5.83 | 5.83 | 0 | %100 |
| 83 | MP3A | X Z | -4.075 | -4.075 | 0 | %100 %100 |
| 84 | MP3A MP2A | | 7.058 | 7.058 | 0 | |
| 85 86 | MP2A | X | -3.366 5.83 | -3.366 5.83 | 0 | %100 %100 |
| 87 | | Z | | -3.366 | 0 | |
| 88 | MP4B MP4B | X Z | -3.366 5.83 | 5.83 | 0 | %100 %100 |
| 89 | MP1B | X | -3.366 | -3.366 | 0 | %100 %100 |
| 90 | MP1B | Z | 5.83 | 5.83 | 0 | %100 %100 |
| 91 | MP3B | X | -4.075 | -4.075 | 0 | %100 %100 |
| 92 | MP3B | Z | 7.058 | 7.058 | 0 | %100 %100 |
| 93 | MP2B | X | -3.366 | -3.366 | 0 | %100 %100 |
| 94 | MP2B | Z | 5.83 | 5.83 | 0 | %100 %100 |
| 95 | MP4C | X | -3.366 | -3.366 | 0 | %100 %100 |
| 96 | MP4C | Z | 5.83 | 5.83 | 0 | %100 %100 |
| 97 | MP3C | X | -4.075 | -4.075 | 0 | %100 %100 |
| 98 | MP3C | Z | 7.058 | 7.058 | 0 | %100 %100 |
| 99 | MP2C | X | -3.366 | -3.366 | 0 | %100 %100 |
| 100 | MP2C | Z | 5.83 | 5.83 | 0 | %100 %100 |
| 101 | MP1C | X | -3.366 | -3.366 | 0 | %100 %100 |
| 102 | MP1C | Z | 5.83 | 5.83 | 0 | %100 %100 |
| 103 | 01 | X | -2.753 | -2.753 | 0 | %100 %100 |
| 104 | 01 | Z | 4.768 | 4.768 | 0 | %100 |
| 105 | 02 | X | -2.753 | -2.753 | 0 | %100 |
| 106 | 02 | Z | 4.768 | 4.768 | 0 | %100 |
| | _ | · | | | | |

Mount Analysis

Aug 11, 2021 10:30 AM Checked By:__

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

| | Member Label | Direction | Start Magnitude[lb/ft, | .End Magnitude[lb/ft,F | . Start Location[ft,%] | End Location[ft,%] |
|-----|--------------|-----------|------------------------|------------------------|------------------------|--------------------|
| 107 | M104 | X | -3.056 | -3.056 | 0 | %100 |
| 108 | M104 | Z | 5.293 | 5.293 | 0 | %100 |
| 109 | M105 | X | -3.056 | -3.056 | 0 | %100 |
| 110 | M105 | Z | 5.293 | 5.293 | 0 | %100 |
| 111 | M106 | X | 0 | 0 | 0 | %100 |
| 112 | M106 | Z | 0 | 0 | 0 | %100 |
| 113 | M125 | X | -4.048 | -4.048 | 0 | %100 |
| 114 | M125 | Z | 7.012 | 7.012 | 0 | %100 |
| 115 | M126 | X | 0 | 0 | 0 | %100 |
| 116 | M126 | Z | 0 | 0 | 0 | %100 |
| 117 | M127 | X | -4.048 | -4.048 | 0 | %100 |
| 118 | M127 | Z | 7.012 | 7.012 | 0 | %100 |

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

| | Member Label | Direction | | End Magnitude[lb/ft,F | . Start Location[ft,%] | End Location[ft,%] |
|----|--------------|-----------|---------|-----------------------|------------------------|--------------------|
| 1 | M1 | X | -2.148 | -2.148 | 0 | %100 |
| 2 | M1 | Z | 1.24 | 1.24 | 0 | %100 |
| 3 | M4 | X | -6.568 | -6.568 | 0 | %100 |
| 4 | M4 | Z | 3.792 | 3.792 | 0 | %100 |
| 5 | M10 | X | -1.846 | -1.846 | 0 | %100 |
| 6 | M10 | Z | 1.066 | 1.066 | 0 | %100 |
| 7 | M43 | X | -1.846 | -1.846 | 0 | %100 |
| 8 | M43 | Z | 1.066 | 1.066 | 0 | %100 |
| 9 | M46 | X | -3.682 | -3.682 | 0 | %100 |
| 10 | M46 | Z | 2.126 | 2.126 | 0 | %100 |
| 11 | M51B | X | -8.179 | -8.179 | 0 | %100 |
| 12 | M51B | Z | 4.722 | 4.722 | 0 | %100 |
| 13 | M52B | X | -2.045 | -2.045 | 0 | %100 |
| 14 | M52B | Z | 1.181 | 1.181 | 0 | %100 |
| 15 | M76 | X | -11.047 | -11.047 | 0 | %100 |
| 16 | M76 | Z | 6.378 | 6.378 | 0 | %100 |
| 17 | M77 | X | -15.002 | -15.002 | 0 | %100 |
| 18 | M77 | Z | 8.662 | 8.662 | 0 | %100 |
| 19 | M80 | X | -15.802 | -15.802 | 0 | %100 |
| 20 | M80 | Z | 9.123 | 9.123 | 0 | %100 |
| 21 | M84 | X | -11.047 | -11.047 | 0 | %100 |
| 22 | M84 | Z | 6.378 | 6.378 | 0 | %100 |
| 23 | M85 | X | -3.751 | -3.751 | 0 | %100 |
| 24 | M85 | Z | 2.165 | 2.165 | 0 | %100 |
| 25 | M91 | X | -3.95 | -3.95 | 0 | %100 |
| 26 | M91 | Z | 2.281 | 2.281 | 0 | %100 |
| 27 | M26 | X | -8.592 | -8.592 | 0 | %100 |
| 28 | M26 | Z | 4.961 | 4.961 | 0 | %100 |
| 29 | M27 | X | -2.148 | -2.148 | 0 | %100 |
| 30 | M27 | Z | 1.24 | 1.24 | 0 | %100 |
| 31 | M28 | X | 0 | 0 | 0 | %100 |
| 32 | M28 | Z | 0 | 0 | 0 | %100 |
| 33 | M29 | X | -7.385 | -7.385 | 0 | %100 |
| 34 | M29 | Z | 4.264 | 4.264 | 0 | %100 |
| 35 | M30 | Х | -7.385 | -7.385 | 0 | %100 |
| 36 | M30 | Z | 4.264 | 4.264 | 0 | %100 |
| 37 | M31 | X | -14.73 | -14.73 | 0 | %100 |
| 38 | M31 | Z | 8.504 | 8.504 | 0 | %100 |
| 39 | M34 | X | -2.045 | -2.045 | 0 | %100 |
| 40 | M34 | Z | 1.181 | 1.181 | 0 | %100 |
| 41 | M35 | Χ | -2.045 | -2.045 | 0 | %100 |

Mount Analysis

Aug 11, 2021 10:30 AM Checked By:__

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

| | Member Label | Direction | Start Magnitude[lb/ft,. | End Magnitude[lb/ft,F | . Start Location[ft,%] | End Location[ft,%] |
|----------|--------------|-----------|-------------------------|-----------------------|------------------------|--------------------|
| 42 | M35 | Z | 1.181 | 1.181 | 0 | %100 |
| 43 | M39 | X | 0 | 0 | 0 | %100 |
| 44 | M39 | Z | 0 | 0 | 0 | %100 |
| 45 | M40 | X | -3.751 | -3.751 | 0 | %100 |
| 46 | M40 | Z | 2.165 | 2.165 | 0 | %100 |
| 47 | M42 | X | -3.95 | -3.95 | 0 | %100 |
| 48 | M42 | Z | 2.281 | 2.281 | 0 | %100 |
| 49 | M44 | X | 0 | 0 | 0 | %100 |
| 50 | M44 | Z | 0 | 0 | 0 | %100 |
| 51 | M45 | X | -3.751 | -3.751 | 0 | %100 |
| 52 | M45 | Z | 2.165 | 2.165 | 0 | %100 |
| 53 | M47 | X | -3.95 | -3.95 | 0 | %100 |
| 54 | M47 | Z | 2.281 | 2.281 | 0 | %100 |
| 55 | M52A | X | -6.568 | -6.568 | 0 | %100 |
| 56 | M52A | Z | 3.792 | 3.792 | 0 | %100 |
| 57 | M53 | X | -1.846 | -1.846 | 0 | %100 |
| 58 | M53 | Z | 1.066 | 1.066 | 0 | %100 |
| 59 | M54 | X | -1.846 | -1.846 | 0 | %100 |
| 60 | <u>M54</u> | Z | 1.066 | 1.066 | 0 | %100 |
| 61 | <u>M55</u> | X | -3.682 | -3.682 | 0 | %100 |
| 62 | <u>M55</u> | Z | 2.126 | 2.126 | 0 | %100 |
| 63 | <u>M58A</u> | X | -2.045 | -2.045 | 0 | %100 |
| 64 | <u>M58A</u> | Z | 1.181 | 1.181 | 0 | %100 |
| 65 | M59A | X | -8.179 | -8.179 | 0 | %100 |
| 66 | M59A | Z | 4.722 | 4.722 | 0 | %100 |
| 67 | M63 | X | -11.047 | -11.047 | 0 | %100 |
| 68 | M63 | Z | 6.378 | 6.378 | 0 | %100 |
| 69 | M64 | X | -3.751 | -3.751 | 0 | %100 |
| 70 | M64 | Z | 2.165 | 2.165 | 0 | %100 |
| 71 | M66 | X | -3.95 | -3.95 | 0 | %100 |
| 72 | M66 | Z | 2.281 | 2.281 | 0 | %100 |
| 73 | <u>M68</u> | X | -11.047 | -11.047 | 0 | %100 |
| 74 | M68 | Z | 6.378 | 6.378 | 0 | %100 |
| 75 | M69 | X | -15.002 | -15.002 | 0 | %100 |
| 76 | M69 | Z | 8.662 | 8.662 | 0 | %100 |
| 77 | M71 | X | -15.802 | -15.802 | 0 | %100 |
| 78 | M71 | Z | 9.123 | 9.123 | 0 | %100 %400 |
| 79 | MP1A | X Z | -5.83 | -5.83 | 0 | %100 %400 |
| 80 | MP1A | X | 3.366 | 3.366 | 0 | %100 %400 |
| 81 | MP4A MP4A | | -5.83 3.366 | -5.83 3.366 | 0 | %100 %100 |
| 82 | | Z | | | 0 | %100 %100 |
| 83 84 | MP3A MP3A | X Z | -7.058 4.075 | -7.058 4.075 | 0 | %100 %100 |
| 85 | MP2A | X | -5.83 | -5.83 | 0 | %100 %100 |
| 86 | MP2A | Z | 3.366 | 3.366 | 0 | %100 %100 |
| 87 | MP4B | X | -5.83 | -5.83 | 0 | %100 %100 |
| 88 | MP4B | Z | 3.366 | 3.366 | 0 | %100 %100 |
| 89 | MP1B | X | -5.83 | -5.83 | 0 | %100 %100 |
| 90 | MP1B | Z | 3.366 | 3.366 | 0 | %100 %100 |
| 91 | MP3B | X | -7.058 | -7.058 | 0 | %100 %100 |
| 92 | MP3B | Z | 4.075 | 4.075 | 0 | %100 %100 |
| 93 | MP2B | X | -5.83 | -5.83 | 0 | %100 %100 |
| 94 | MP2B | Z | 3.366 | 3.366 | 0 | %100 %100 |
| 95 | MP4C | X | -5.83 | -5.83 | 0 | %100 %100 |
| 96 | MP4C | Z | 3.366 | 3.366 | 0 | %100 %100 |
| 97 | MP3C | X | -7.058 | -7.058 | 0 | %100 %100 |
| 98 | MP3C | Z | 4.075 | 4.075 | 0 | %100 %100 |
| | 1411 00 | _ | 7.070 | 7.070 | • | 70100 |

Mount Analysis

Aug 11, 2021 10:30 AM Checked By:___

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

| | Member Label | Direction | Start Magnitude[lb/ft, | End Magnitude[lb/ft,F | . Start Location[ft,%] | End Location[ft,%] |
|-----|--------------|-----------|------------------------|-----------------------|------------------------|--------------------|
| 99 | MP2C | X | -5.83 | -5.83 | 0 | %100 |
| 100 | MP2C | Z | 3.366 | 3.366 | 0 | %100 |
| 101 | MP1C | X | -5.83 | -5.83 | 0 | %100 |
| 102 | MP1C | Z | 3.366 | 3.366 | 0 | %100 |
| 103 | O1 | X | -4.768 | -4.768 | 0 | %100 |
| 104 | O1 | Z | 2.753 | 2.753 | 0 | %100 |
| 105 | O2 | X | -4.768 | -4.768 | 0 | %100 |
| 106 | O2 | Z | 2.753 | 2.753 | 0 | %100 |
| 107 | M104 | X | -1.764 | -1.764 | 0 | %100 |
| 108 | M104 | Z | 1.019 | 1.019 | 0 | %100 |
| 109 | M105 | X | -7.058 | -7.058 | 0 | %100 |
| 110 | M105 | Z | 4.075 | 4.075 | 0 | %100 |
| 111 | M106 | X | -1.764 | -1.764 | 0 | %100 |
| 112 | M106 | Z | 1.019 | 1.019 | 0 | %100 |
| 113 | M125 | X | -9.349 | -9.349 | 0 | %100 |
| 114 | M125 | Z | 5.398 | 5.398 | 0 | %100 |
| 115 | M126 | X | -2.337 | -2.337 | 0 | %100 |
| 116 | M126 | Z | 1.349 | 1.349 | 0 | %100 |
| 117 | M127 | X | -2.337 | -2.337 | 0 | %100 |
| 118 | M127 | Z | 1.349 | 1.349 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft, | .End Magnitude[lb/ft,F | Start Location[ft,%] | End Location[ft,%] |
|----|--------------|-----------|------------------------|------------------------|----------------------|--------------------|
| 1 | M1 | Χ | 0 | 0 | 0 | %100 |
| 2 | M1 | Z | 0 | 0 | 0 | %100 |
| 3 | M4 | Х | -10.112 | -10.112 | 0 | %100 |
| 4 | M4 | Z | 0 | 0 | 0 | %100 |
| 5 | M10 | Х | 0 | 0 | 0 | %100 |
| 6 | M10 | Z | 0 | 0 | 0 | %100 |
| 7 | M43 | Х | 0 | 0 | 0 | %100 |
| 8 | M43 | Z | 0 | 0 | 0 | %100 |
| 9 | M46 | Х | 0 | 0 | 0 | %100 |
| 10 | M46 | Z | 0 | 0 | 0 | %100 |
| 11 | M51B | Χ | -7.083 | -7.083 | 0 | %100 |
| 12 | M51B | Z | 0 | 0 | 0 | %100 |
| 13 | M52B | Χ | -7.083 | -7.083 | 0 | %100 |
| 14 | M52B | Ζ | 0 | 0 | 0 | %100 |
| 15 | M76 | X | -17.008 | -17.008 | 0 | %100 |
| 16 | M76 | Ζ | 0 | 0 | 0 | %100 |
| 17 | M77 | X | -12.992 | -12.992 | 0 | %100 |
| 18 | M77 | Ζ | 0 | 0 | 0 | %100 |
| 19 | M80 | X | -13.685 | -13.685 | 0 | %100 |
| 20 | M80 | Z | 0 | 0 | 0 | %100 |
| 21 | M84 | X | -17.008 | -17.008 | 0 | %100 |
| 22 | M84 | Z | 0 | 0 | 0 | %100 |
| 23 | M85 | X | -12.992 | -12.992 | 0 | %100 |
| 24 | M85 | Z | 0 | 0 | 0 | %100 |
| 25 | M91 | X | -13.685 | -13.685 | 0 | %100 |
| 26 | M91 | Z | 0 | 0 | 0 | %100 |
| 27 | M26 | X | -7.441 | -7.441 | 0 | %100 |
| 28 | M26 | Z | 0 | 0 | 0 | %100 |
| 29 | M27 | X | -7.441 | -7.441 | 0 | %100 |
| 30 | M27 | Z | 0 | 0 | 0 | %100 |
| 31 | M28 | Χ | -2.528 | -2.528 | 0 | %100 |
| 32 | M28 | Z | 0 | 0 | 0 | %100 |
| 33 | M29 | X | -6.395 | -6.395 | 0 | %100 |

Mount Analysis

Aug 11, 2021 10:30 AM Checked By:__

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

| | Member Label | Direction | Start Magnitude[lb/ft,. | End Magnitude[lb/ft,F | . Start Location[ft,%] | End Location[ft,%] |
|----------|--------------|-----------|-------------------------|-----------------------|------------------------|--------------------|
| 34 | M29 | Z | 0 | 0 | 0 | %100 |
| 35 | M30 | X | -6.395 | -6.395 | 0 | %100 |
| 36 | M30 | Z | 0 | 0 | 0 | %100 |
| 37 | M31 | X | -12.756 | -12.756 | 0 | %100 |
| 38 | M31 | Z | 0 | 0 | 0 | %100 |
| 39 | M34 | X | -7.083 | -7.083 | 0 | %100 |
| 40 | M34 | Z | 0 | 0 | 0 | %100 |
| 41 | M35 | X | 0 | 0 | 0 | %100 |
| 42 | M35 | Z | 0 | 0 | 0 | %100 |
| 43 | M39 | X | -4.252 | -4.252 | 0 | %100 |
| 44 | M39 | Z | 0 | 0 | 0 | %100 |
| 45 | <u>M40</u> | X | -12.992 | -12.992 | 0 | %100 |
| 46 | M40 | Z | 0 | 0 | 0 | %100 |
| 47 | M42 | X | -13.685 | -13.685 | 0 | %100 |
| 48 | M42 | Z | 0 | 0 | 0 | %100 |
| 49 | M44 | X | -4.252 | -4.252 | 0 | %100 |
| 50 | M44 | Z | 0 | 0 | 0 | %100 |
| 51 | M45 | X | 0 | 0 | 0 | %100 |
| 52 | M45 | Z | 0 | 0 | 0 | %100 |
| 53 | M47 | X | 0 | 0 | 0 | %100 |
| 54 | M47 | Z | 0 | 0 | 0 | %100 |
| 55 | M52A | X | -2.528 | -2.528 | 0 | %100 |
| 56 | M52A | Z | 0 | 0 | 0 | %100 |
| 57 | M53 | X | -6.395 | -6.395 | 0 | %100 |
| 58 | M53 | Z | 0 | 0 | 0 | %100 |
| 59 | M54 | X | -6.395 | -6.395 | 0 | %100 |
| 60 | <u>M54</u> | Z | 0 | 0 | 0 | %100 |
| 61 | <u>M55</u> | X | -12.756 | -12.756 | 0 | %100 |
| 62 | M55 | Z | 0 | 0 | 0 | %100 |
| 63 | M58A | X | 0 | 0 | 0 | %100 |
| 64 | M58A | Z | 0 | 0 | 0 | %100 |
| 65 | M59A | X | -7.083 | -7.083 | 0 | %100 |
| 66 | M59A | Z | 0 | 0 | 0 | %100 |
| 67 | M63 | X | -4.252 | -4.252 | 0 | %100 |
| 68 | M63 | Z | 0 | 0 | 0 | %100 |
| 69 | M64 | X | 0 | 0 | 0 | %100 |
| 70 | M64 | Z | 0 | 0 | 0 | %100 |
| 71 72 | M66 | X Z | 0 | 0 | 0 | %100 %100 |
| | M66 | X | - | • | | %100 %100 |
| 73 74 | M68 M68 | Z | -4.252 0 | -4.252 0 | 0 | %100 %100 |
| 75 | M69 | X | -12.992 | -12.992 | 0 | %100 %100 |
| 76 | M69 | Z | _ | -12.992 | 0 | %100 %100 |
| 77 | M71 | X | -13.685 | -13.685 | 0 | %100 %100 |
| 78 | M71 | Z | -13.005 | -13.003 | 0 | %100 %100 |
| 79 | MP1A | X | -6.732 | -6.732 | 0 | %100 %100 |
| 80 | MP1A | Z | -0.732 | -0.732 | 0 | %100 %100 |
| 81 | MP4A | X | -6.732 | -6.732 | 0 | %100 %100 |
| 82 | MP4A | Z | -0.732 | 0 | 0 | %100 %100 |
| 83 | MP3A | X | -8.15 | -8.15 | 0 | %100 %100 |
| 84 | MP3A | Z | 0 | 0 | 0 | %100 %100 |
| 85 | MP2A | X | -6.732 | -6.732 | 0 | %100 %100 |
| 86 | MP2A | Z | 0 | 0 | 0 | %100 %100 |
| 87 | MP4B | X | -6.732 | -6.732 | 0 | %100 %100 |
| 88 | MP4B | Z | 0 | 0 | 0 | %100 %100 |
| 89 | MP1B | X | -6.732 | -6.732 | 0 | %100 %100 |
| 90 | MP1B | Z | 0 | 0 | 0 | %100 %100 |
| | וווו | | | | • | 70100 |

Mount Analysis

Aug 11, 2021 10:30 AM Checked By:_

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

| | Member Label | Direction | Start Magnitude[lb/ft, | .End Magnitude[lb/ft,F | Start Location[ft,%] | End Location[ft,%] |
|-----|--------------|-----------|------------------------|------------------------|----------------------|--------------------|
| 91 | MP3B | Х | -8.15 | -8.15 | 0 | %100 |
| 92 | MP3B | Z | 0 | 0 | 0 | %100 |
| 93 | MP2B | Х | -6.732 | -6.732 | 0 | %100 |
| 94 | MP2B | Z | 0 | 0 | 0 | %100 |
| 95 | MP4C | Х | -6.732 | -6.732 | 0 | %100 |
| 96 | MP4C | Z | 0 | 0 | 0 | %100 |
| 97 | MP3C | Х | -8.15 | -8.15 | 0 | %100 |
| 98 | MP3C | Z | 0 | 0 | 0 | %100 |
| 99 | MP2C | X | -6.732 | -6.732 | 0 | %100 |
| 100 | MP2C | Z | 0 | 0 | 0 | %100 |
| 101 | MP1C | X | -6.732 | -6.732 | 0 | %100 |
| 102 | MP1C | Z | 0 | 0 | 0 | %100 |
| 103 | 01 | X | -5.505 | -5.505 | 0 | %100 |
| 104 | 01 | Z | 0 | 0 | 0 | %100 |
| 105 | 02 | X | -5.505 | -5.505 | 0 | %100 |
| 106 | 02 | Z | 0 | 0 | 0 | %100 |
| 107 | M104 | X | 0 | 0 | 0 | %100 |
| 108 | M104 | Z | 0 | 0 | 0 | %100 |
| 109 | M105 | X | -6.112 | -6.112 | 0 | %100 |
| 110 | M105 | Z | 0 | 0 | 0 | %100 |
| 111 | M106 | X | -6.112 | -6.112 | 0 | %100 |
| 112 | M106 | Z | 0 | 0 | 0 | %100 |
| 113 | M125 | X | -8.097 | -8.097 | 0 | %100 |
| 114 | M125 | Z | 0 | 0 | 0 | %100 |
| 115 | M126 | X | -8.097 | -8.097 | 0 | %100 |
| 116 | M126 | Z | 0 | 0 | 0 | %100 |
| 117 | M127 | X | 0 | 0 | 0 | %100 |
| 118 | M127 | Z | 0 | 0 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft, | End Magnitude[lb/ft,F | . Start Location[ft,%] | End Location[ft,%] |
|----|--------------|-----------|------------------------|-----------------------|------------------------|--------------------|
| 1 | M1 | X | -2.148 | -2.148 | 0 | %100 |
| 2 | M1 | Z | -1.24 | -1.24 | 0 | %100 |
| 3 | M4 | X | -6.568 | -6.568 | 0 | %100 |
| 4 | M4 | Z | -3.792 | -3.792 | 0 | %100 |
| 5 | M10 | X | -1.846 | -1.846 | 0 | %100 |
| 6 | M10 | Z | -1.066 | -1.066 | 0 | %100 |
| 7 | M43 | X | -1.846 | -1.846 | 0 | %100 |
| 8 | M43 | Z | -1.066 | -1.066 | 0 | %100 |
| 9 | M46 | X | -3.682 | -3.682 | 0 | %100 |
| 10 | M46 | Z | -2.126 | -2.126 | 0 | %100 |
| 11 | M51B | X | -2.045 | -2.045 | 0 | %100 |
| 12 | M51B | Z | -1.181 | -1.181 | 0 | %100 |
| 13 | M52B | X | -8.179 | -8.179 | 0 | %100 |
| 14 | M52B | Z | -4.722 | -4.722 | 0 | %100 |
| 15 | M76 | X | -11.047 | -11.047 | 0 | %100 |
| 16 | M76 | Z | -6.378 | -6.378 | 0 | %100 |
| 17 | M77 | X | -3.751 | -3.751 | 0 | %100 |
| 18 | M77 | Z | -2.165 | -2.165 | 0 | %100 |
| 19 | M80 | X | -3.95 | -3.95 | 0 | %100 |
| 20 | M80 | Z | -2.281 | -2.281 | 0 | %100 |
| 21 | M84 | X | -11.047 | -11.047 | 0 | %100 |
| 22 | M84 | Z | -6.378 | -6.378 | 0 | %100 |
| 23 | M85 | X | -15.002 | -15.002 | 0 | %100 |
| 24 | M85 | Z | -8.662 | -8.662 | 0 | %100 |
| 25 | M91 | X | -15.802 | -15.802 | 0 | %100 |

Mount Analysis

Aug 11, 2021 10:30 AM Checked By:___

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

| | Member Label | Direction | Start Magnitude[lb/ft,. | End Magnitude[lb/ft,F | . Start Location[ft,%] | End Location[ft,%] |
|----|--------------|-----------|-------------------------|-----------------------|------------------------|--------------------|
| 26 | M91 | Z | -9.123 | -9.123 | 0 | %100 |
| 27 | M26 | X | -2.148 | -2.148 | 0 | %100 |
| 28 | M26 | Z | -1.24 | -1.24 | 0 | %100 |
| 29 | M27 | X | -8.592 | -8.592 | 0 | %100 |
| 30 | M27 | Z | -4.961 | -4.961 | 0 | %100 |
| 31 | M28 | X | -6.568 | -6.568 | 0 | %100 |
| 32 | M28 | Z | -3.792 | -3.792 | 0 | %100 |
| 33 | M29 | X | -1.846 | -1.846 | 0 | %100 |
| 34 | M29 | Z | -1.066 | -1.066 | 0 | %100 |
| 35 | M30 | X | -1.846 | -1.846 | 0 | %100 |
| 36 | M30 | Z | -1.066 | -1.066 | 0 | %100 |
| 37 | <u>M31</u> | X | -3.682 | -3.682 | 0 | %100 |
| 38 | M31 | Z | -2.126 | -2.126 | 0 | %100 |
| 39 | M34 | X | -8.179 | -8.179 | 0 | %100 |
| 40 | M34 | Z | -4.722 | -4.722 | 0 | %100 |
| 41 | M35 | X | -2.045 | -2.045 | 0 | %100 |
| 42 | M35 | Z | -1.181 | -1.181 | 0 | %100 |
| 43 | M39 | X | -11.047 | -11.047 | 0 | %100 |
| 44 | M39 | Z | -6.378 | -6.378 | 0 | %100 |
| 45 | M40 | X | -15.002 | -15.002 | 0 | %100 |
| 46 | M40 | Z | -8.662 | -8.662 | 0 | %100 |
| 47 | M42 | X | -15.802 | -15.802 | 0 | %100 |
| 48 | M42 | Z | -9.123 | -9.123 | 0 | %100 |
| 49 | M44 | X | -11.047 | -11.047 | 0 | %100 |
| 50 | M44 | Z | -6.378 | -6.378 | 0 | %100 |
| 51 | M45 | X | -3.751 | -3.751 | 0 | %100 |
| 52 | M45 | Z | -2.165 | -2.165 | 0 | %100 |
| 53 | M47 | X | -3.95 | -3.95 | 0 | %100 |
| 54 | M47 | Z | -2.281 | -2.281 | 0 | %100 |
| 55 | M52A | X | 0 | 0 | 0 | %100 |
| 56 | M52A | Z | 0 | 0 | 0 | %100 |
| 57 | M53 | X | -7.385 | -7.385 | 0 | %100 |
| 58 | M53 | Z | -4.264 | -4.264 | 0 | %100 |
| 59 | M54 | X | -7.385 | -7.385 | 0 | %100 |
| 60 | M54 | Z | -4.264 | -4.264 | 0 | %100 |
| 61 | M55 | X | -14.73 | -14.73 | 0 | %100 |
| 62 | M55 | Z | -8.504 | -8.504 | 0 | %100 |
| 63 | M58A | X | -2.045 | -2.045 | 0 | %100 |
| 64 | M58A | Z | -1.181 | -1.181 | 0 | %100 |
| 65 | M59A | X | -2.045 | -2.045 | 0 | %100 |
| 66 | M59A | Z | -1.181 | -1.181 | 0 | %100 |
| 67 | M63 | X | 0 | 0 | 0 | %100 |
| 68 | M63 | Z | 0 | 0 | 0 | %100 |
| 69 | M64 | X | -3.751 | -3.751 | 0 | %100 |
| 70 | M64 | Z | -2.165 | -2.165 | 0 | %100 |
| 71 | <u>M66</u> | X | -3.95 | -3.95 | 0 | %100 |
| 72 | M66 | Z | -2.281 | -2.281 | 0 | %100 |
| 73 | M68 | X | 0 | 0 | 0 | %100 |
| 74 | M68 | Z | 0 | 0 | 0 | %100 |
| 75 | M69 | X | -3.751 | -3.751 | 0 | %100 |
| 76 | <u>M69</u> | Z | -2.165 | -2.165 | 0 | %100 |
| 77 | <u>M71</u> | X | -3.95 | -3.95 | 0 | %100 |
| 78 | M71 | Z | -2.281 | -2.281 | 0 | %100 |
| 79 | MP1A | X | -5.83 | -5.83 | 0 | %100 |
| 80 | MP1A | Z | -3.366 | -3.366 | 0 | %100 |
| 81 | MP4A | X | -5.83 | -5.83 | 0 | %100 |
| 82 | MP4A | Z | -3.366 | -3.366 | 0 | %100 |

Mount Analysis

Aug 11, 2021 10:30 AM Checked By:_

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

| | Member Label | Direction | | .End Magnitude[lb/ft,F | . Start Location[ft,%] | End Location[ft,%] |
|-----|--------------|-----------|--------|------------------------|------------------------|--------------------|
| 83 | MP3A | X | -7.058 | -7.058 | 0 | %100 |
| 84 | MP3A | Z | -4.075 | -4.075 | 0 | %100 |
| 85 | MP2A | X | -5.83 | -5.83 | 0 | %100 |
| 86 | MP2A | Z | -3.366 | -3.366 | 0 | %100 |
| 87 | MP4B | X | -5.83 | -5.83 | 0 | %100 |
| 88 | MP4B | Z | -3.366 | -3.366 | 0 | %100 |
| 89 | MP1B | X | -5.83 | -5.83 | 0 | %100 |
| 90 | MP1B | Z | -3.366 | -3.366 | 0 | %100 |
| 91 | MP3B | X | -7.058 | -7.058 | 0 | %100 |
| 92 | MP3B | Z | -4.075 | -4.075 | 0 | %100 |
| 93 | MP2B | X | -5.83 | -5.83 | 0 | %100 |
| 94 | MP2B | Z | -3.366 | -3.366 | 0 | %100 |
| 95 | MP4C | X | -5.83 | -5.83 | 0 | %100 |
| 96 | MP4C | Z | -3.366 | -3.366 | 0 | %100 |
| 97 | MP3C | X | -7.058 | -7.058 | 0 | %100 |
| 98 | MP3C | Z | -4.075 | -4.075 | 0 | %100 |
| 99 | MP2C | X | -5.83 | -5.83 | 0 | %100 |
| 100 | MP2C | Z | -3.366 | -3.366 | 0 | %100 |
| 101 | MP1C | X | -5.83 | -5.83 | 0 | %100 |
| 102 | MP1C | Z | -3.366 | -3.366 | 0 | %100 |
| 103 | 01 | Х | -4.768 | -4.768 | 0 | %100 |
| 104 | 01 | Z | -2.753 | -2.753 | 0 | %100 |
| 105 | O2 | X | -4.768 | -4.768 | 0 | %100 |
| 106 | 02 | Z | -2.753 | -2.753 | 0 | %100 |
| 107 | M104 | Х | -1.764 | -1.764 | 0 | %100 |
| 108 | M104 | Z | -1.019 | -1.019 | 0 | %100 |
| 109 | M105 | X | -1.764 | -1.764 | 0 | %100 |
| 110 | M105 | Z | -1.019 | -1.019 | 0 | %100 |
| 111 | M106 | Х | -7.058 | -7.058 | 0 | %100 |
| 112 | M106 | Z | -4.075 | -4.075 | 0 | %100 |
| 113 | M125 | X | -2.337 | -2.337 | 0 | %100 |
| 114 | M125 | Z | -1.349 | -1.349 | 0 | %100 |
| 115 | M126 | Х | -9.349 | -9.349 | 0 | %100 |
| 116 | M126 | Z | -5.398 | -5.398 | 0 | %100 |
| 117 | M127 | Х | -2.337 | -2.337 | 0 | %100 |
| 118 | M127 | Z | -1.349 | -1.349 | 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 | -3.721 | -3.721 | 0 | %100 |
| 2 | M1 | Ζ | -6.444 | -6.444 | 0 | %100 |
| 3 | M4 | X | -1.264 | -1.264 | 0 | %100 |
| 4 | M4 | Z | -2.189 | -2.189 | 0 | %100 |
| 5 | M10 | X | -3.198 | -3.198 | 0 | %100 |
| 6 | M10 | Z | -5.539 | -5.539 | 0 | %100 |
| 7 | M43 | X | -3.198 | -3.198 | 0 | %100 |
| 8 | M43 | Z | -5.539 | -5.539 | 0 | %100 |
| 9 | M46 | X | -6.378 | -6.378 | 0 | %100 |
| 10 | M46 | Z | -11.047 | -11.047 | 0 | %100 |
| 11 | M51B | X | 0 | 0 | 0 | %100 |
| 12 | M51B | Ζ | 0 | 0 | 0 | %100 |
| 13 | M52B | X | -3.542 | -3.542 | 0 | %100 |
| 14 | M52B | Z | -6.134 | -6.134 | 0 | %100 |
| 15 | M76 | X | -2.126 | -2.126 | 0 | %100 |
| 16 | M76 | Z | -3.682 | -3.682 | 0 | %100 |
| 17 | M77 | Χ | 0 | 0 | 0 | %100 |

Mount Analysis

Aug 11, 2021 10:30 AM Checked By:__

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

| | Member Label | Direction | Start Magnitude[lb/ft,. | End Magnitude[lb/ft,F | . Start Location[ft,%] | End Location[ft,%] |
|----|--------------|-----------|-------------------------|-----------------------|------------------------|--------------------|
| 18 | M77 | Z | 0 | 0 | 0 | %100 |
| 19 | M80 | X | 0 | 0 | 0 | %100 |
| 20 | M80 | Z | 0 | 0 | 0 | %100 |
| 21 | M84 | X | -2.126 | -2.126 | 0 | %100 |
| 22 | M84 | Z | -3.682 | -3.682 | 0 | %100 |
| 23 | M85 | X | -6.496 | -6.496 | 0 | %100 |
| 24 | M85 | Z | -11.252 | -11.252 | 0 | %100 |
| 25 | M91 | X | -6.842 | -6.842 | 0 | %100 |
| 26 | M91 | Z | -11.851 | -11.851 | 0 | %100 |
| 27 | M26 | X | 0 | 0 | 0 | %100 |
| 28 | M26 | Z | 0 | 0 | 0 | %100 |
| 29 | M27 | X | -3.721 | -3.721 | 0 | %100 |
| 30 | M27 | Z | -6.444 | -6.444 | 0 | %100 |
| 31 | M28 | X | -5.056 | -5.056 | 0 | %100 |
| 32 | M28 | Z | -8.757 | -8.757 | 0 | %100 |
| 33 | M29 | X | 0 | 0 | 0 | %100 |
| 34 | M29 | Z | 0 | 0 | 0 | %100 |
| 35 | M30 | X | 0 | 0 | 0 | %100 |
| 36 | M30 | Z | 0 | 0 | 0 | %100 |
| 37 | M31 | X | 0 | 0 | 0 | %100 |
| 38 | M31 | Z | 0 | 0 | 0 | %100 |
| 39 | M34 | X | -3.542 | -3.542 | 0 | %100 |
| 40 | M34 | Z | -6.134 | -6.134 | 0 | %100 |
| 41 | M35 | X | -3.542 | -3.542 | 0 | %100 |
| 42 | M35 | Z | -6.134 | -6.134 | 0 | %100 |
| 43 | M39 | X | -8.504 | -8.504 | 0 | %100 |
| 44 | M39 | Z | -14.73 | -14.73 | 0 | %100 |
| 45 | M40 | X | -6.496 | -6.496 | 0 | %100 |
| 46 | M40 | Z | -11.252 | -11.252 | 0 | %100 |
| 47 | M42 | X | -6.842 | -6.842 | 0 | %100 |
| 48 | M42 | Z | -11.851 | -11.851 | 0 | %100 |
| 49 | M44 | X | -8.504 | -8.504 | 0 | %100 |
| 50 | M44 | Z | -14.73 | -14.73 | 0 | %100 |
| 51 | M45 | X | -6.496 | -6.496 | 0 | %100 |
| 52 | M45 | Z | -11.252 | -11.252 | 0 | %100 |
| 53 | M47 | X | -6.842 | -6.842 | 0 | %100 |
| 54 | M47 | Z | -11.851 | -11.851 | 0 | %100 |
| 55 | M52A | X | -1.264 | -1.264 | 0 | %100 |
| 56 | M52A | Z | -2.189 | -2.189 | 0 | %100 |
| 57 | M53 | X | -3.198 | -3.198 | 0 | %100 |
| 58 | M53 | Z | -5.539 | -5.539 | 0 | %100 |
| 59 | M54 | X | -3.198 | -3.198 | 0 | %100 |
| 60 | M54 | Z | -5.539 | -5.539 | 0 | %100 |
| 61 | M55 | X | -6.378 | -6.378 | 0 | %100 |
| 62 | M55 | Z | -11.047 | -11.047 | 0 | %100 |
| 63 | M58A | X | -3.542 | -3.542 | 0 | %100 |
| 64 | M58A | Z | -6.134 | -6.134 | 0 | %100 |
| 65 | M59A | X | 0 | 0 | 0 | %100 |
| 66 | M59A | Z | 0 | 0 | 0 | %100 |
| 67 | M63 | X | -2.126 | -2.126 | 0 | %100 |
| 68 | M63 | Z | -3.682 | -3.682 | 0 | %100 |
| 69 | M64 | X | -6.496 | -6.496 | 0 | %100 |
| 70 | M64 | Z | -11.252 | -11.252 | 0 | %100 |
| 71 | M66 | X | -6.842 | -6.842 | 0 | %100 |
| 72 | M66 | Z | -11.851 | -11.851 | 0 | %100 |
| 73 | M68 | X | -2.126 | -2.126 | 0 | %100 |
| 74 | M68 | Z | -3.682 | -3.682 | 0 | %100 |

: Mount Analysis

Aug 11, 2021 10:30 AM Checked By:___

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

| IVICIII | ibei Distributeu Loc | aus (DLC 52 | . Structure WC | / 1330 Deg// 100 | minucu) | |
|---------|----------------------|-------------|------------------------|------------------------|----------------------|--------------------|
| | Member Label | Direction | Start Magnitude[lb/ft, | .End Magnitude[lb/ft,F | Start Location[ft,%] | End Location[ft,%] |
| 75 | M69 | X | 0 | 0 | 0 | %100 |
| 76 | M69 | Z | 0 | 0 | 0 | %100 |
| 77 | M71 | X | 0 | 0 | 0 | %100 |
| 78 | M71 | Z | 0 | 0 | 0 | %100 |
| 79 | MP1A | X | -3.366 | -3.366 | 0 | %100 |
| 80 | MP1A | Z | -5.83 | -5.83 | 0 | %100 |
| 81 | MP4A | X | -3.366 | -3.366 | 0 | %100 |
| 82 | MP4A | Z | -5.83 | -5.83 | 0 | %100 |
| 83 | MP3A | X | -4.075 | -4.075 | 0 | %100 |
| 84 | MP3A | Z | -7.058 | -7.058 | 0 | %100 |
| 85 | MP2A | X | -3.366 | -3.366 | 0 | %100 |
| 86 | MP2A | Z | -5.83 | -5.83 | 0 | %100 |
| 87 | MP4B | X | -3.366 | -3.366 | 0 | %100 |
| 88 | MP4B | Z | -5.83 | -5.83 | 0 | %100 |
| 89 | MP1B | X | -3.366 | -3.366 | 0 | %100 |
| 90 | MP1B | Z | -5.83 | -5.83 | 0 | %100 |
| 91 | MP3B | X | -4.075 | -4.075 | 0 | %100 |
| 92 | MP3B | Z | -7.058 | -7.058 | 0 | %100 |
| 93 | MP2B | X | -3.366 | -3.366 | 0 | %100 |
| 94 | MP2B | Z | -5.83 | -5.83 | 0 | %100 |
| 95 | MP4C | X | -3.366 | -3.366 | 0 | %100 |
| 96 | MP4C | Z | -5.83 | -5.83 | 0 | %100 |
| 97 | MP3C | X | -4.075 | -4.075 | 0 | %100 |
| 98 | MP3C | Z | -7.058 | -7.058 | 0 | %100 |
| 99 | MP2C | X | -3.366 | -3.366 | 0 | %100 |
| 100 | MP2C | Z | -5.83 | -5.83 | 0 | %100 |
| 101 | MP1C | X | -3.366 | -3.366 | 0 | %100 |
| 102 | MP1C | Z | -5.83 | -5.83 | 0 | %100 |
| 103 | 01 | X | -2.753 | -2.753 | 0 | %100 |
| 104 | 01 | Z | -4.768 | -4.768 | 0 | %100 |
| 105 | 02 | X | -2.753 | -2.753 | 0 | %100 |
| 106 | 02 | Z | -4.768 | -4.768 | 0 | %100 |
| 107 | M104 | X | -3.056 | -3.056 | 0 | %100 |
| 108 | M104 | Z | -5.293 | -5.293 | 0 | %100 |
| 109 | M105 | X | 0 | 0 | 0 | %100 |
| 110 | M105 | Z | 0 | 0 | 0 | %100 |
| 111 | M106 | X | -3.056 | -3.056 | 0 | %100 |
| 112 | M106 | Z | -5.293 | -5.293 | 0 | %100 |
| 113 | M125 | X | 0 | 0 | 0 | %100 |
| 114 | M125 | Z | 0 | 0 | 0 | %100 |
| 115 | M126 | X | -4.048 | -4.048 | 0 | %100 |
| 116 | M126 | Z | -7.012 | -7.012 | 0 | %100 |
| 117 | M127 | X | -4.048 | -4.048 | 0 | %100 |
| 118 | M127 | Z | -7.012 | -7.012 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft, | .End Magnitude[lb/ft,F | . Start Location[ft,%] | End Location[ft,%] |
|---|--------------|-----------|------------------------|------------------------|------------------------|--------------------|
| 1 | M1 | X | 0 | 0 | 0 | %100 |
| 2 | M1 | Z | -3.687 | -3.687 | 0 | %100 |
| 3 | M4 | X | 0 | 0 | 0 | %100 |
| 4 | M4 | Z | 0 | 0 | 0 | %100 |
| 5 | M10 | X | 0 | 0 | 0 | %100 |
| 6 | M10 | Z | -2.868 | -2.868 | 0 | %100 |
| 7 | M43 | X | 0 | 0 | 0 | %100 |
| 8 | M43 | Z | -2.868 | -2.868 | 0 | %100 |
| 9 | M46 | X | 0 | 0 | 0 | %100 |

Mount Analysis

Aug 11, 2021 10:30 AM Checked By:_

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

| | Member Label | Direction | | End Magnitude[lb/ft,F | . Start Location[ft,%] | End Location[ft,%] |
|----|--------------|-----------|--------|-----------------------|------------------------|--------------------|
| 10 | M46 | Z | -4.311 | -4.311 | 0 | %100 |
| 11 | M51B | X | 0 | 0 | 0 | %100 |
| 12 | M51B | Z | 813 | 813 | 0 | %100 |
| 13 | M52B | X | 0 | 0 | 0 | %100 |
| 14 | M52B | Z | 813 | 813 | 0 | %100 |
| 15 | M76 | X | 0 | 0 | 0 | %100 |
| 16 | M76 | Z | 0 | 0 | 0 | %100 |
| 17 | M77 | X | 0 | 0 | 0 | %100 |
| 18 | M77 | Z | -1.083 | -1.083 | 0 | %100 |
| 19 | M80 | X | 0 | 0 | 0 | %100 |
| 20 | M80 | Z | -1.127 | -1.127 | 0 | %100 |
| 21 | M84 | X | 0 | 0 | 0 | %100 |
| 22 | M84 | Z | 0 | 0 | 0 | %100 |
| 23 | M85 | X | 0 | 0 | 0 | %100 |
| 24 | M85 | Z | -1.083 | -1.083 | 0 | %100 |
| 25 | M91 | X | 0 | 0 | 0 | %100 |
| 26 | M91 | Z | -1.127 | -1.127 | 0 | %100 |
| 27 | M26 | Χ | 0 | 0 | 0 | %100 |
| 28 | M26 | Z | 922 | 922 | 0 | %100 |
| 29 | M27 | X | 0 | 0 | 0 | %100 |
| 30 | M27 | Z | 922 | 922 | 0 | %100 |
| 31 | M28 | X | 0 | 0 | 0 | %100 |
| 32 | M28 | Z | -2.632 | -2.632 | 0 | %100 |
| 33 | M29 | X | 0 | 0 | 0 | %100 |
| 34 | M29 | Z | 717 | 717 | 0 | %100 |
| 35 | M30 | X | 0 | 0 | 0 | %100 |
| 36 | M30 | Z | 717 | 717 | 0 | %100 |
| 37 | M31 | X | 0 | 0 | 0 | %100 |
| 38 | M31 | Z | -1.078 | -1.078 | 0 | %100 |
| 39 | M34 | X | 0 | 0 | 0 | %100 |
| 40 | M34 | Z | 813 | 813 | 0 | %100 |
| 41 | M35 | X | 0 | 0 | 0 | %100 |
| 42 | M35 | Z | -3.254 | -3.254 | 0 | %100 |
| 43 | M39 | X | 0 | 0 | 0 | %100 |
| 44 | M39 | Z | -3.204 | -3.204 | 0 | %100 |
| 45 | M40 | X | 0 | 0 | 0 | %100 |
| 46 | M40 | Z | -1.083 | -1.083 | 0 | %100 |
| 47 | M42 | X | 0 | 0 | 0 | %100 |
| 48 | M42 | Z | -1.127 | -1.127 | 0 | %100 |
| 49 | M44 | X | 0 | 0 | 0 | %100 |
| 50 | M44 | Z | -3.204 | -3.204 | 0 | %100 |
| 51 | M45 | X | 0 | 0 | 0 | %100 |
| 52 | M45 | Z | -4.331 | -4.331 | 0 | %100 |
| 53 | M47 | X | 0 | 0 | 0 | %100 |
| 54 | M47 | Z | -4.506 | -4.506 | 0 | %100 |
| 55 | M52A | X | 0 | 0 | 0 | %100 |
| 56 | M52A | Z | -2.632 | -2.632 | 0 | %100 |
| 57 | M53 | X | 0 | 0 | 0 | %100 %100 |
| 58 | M53 | Z | 717 | 717 | 0 | %100 %100 |
| 59 | M54 | X | 0 | 0 | 0 | %100 %100 |
| 60 | M54 | Z | 717 | 717 | 0 | %100 %100 |
| 61 | M55 | X | 0 | 0 | 0 | %100 %100 |
| 62 | M55 | Z | -1.078 | -1.078 | 0 | %100 %100 |
| 63 | M58A | X | 0 | 0 | 0 | %100 %100 |
| 64 | M58A | Z | -3.254 | -3.254 | 0 | %100 %100 |
| 65 | M59A | X | 0 | 0 | 0 | %100 %100 |
| 66 | M59A | Z | 813 | 813 | 0 | %100 %100 |
| | IVIOUA | _ | .010 | .010 | 0 | 70 100 |

Mount Analysis

Aug 11, 2021 10:30 AM Checked By:___

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

| | Member Label | Direction | Start Magnitude[lb/ft | End Magnitude[lb/ft,F | Start Location[ft %] | End Location[ft,%] |
|-----|--------------|-----------|-----------------------|-----------------------|----------------------|--------------------|
| 67 | M63 | X | 0 | 0 | 0 | %100 |
| 68 | M63 | Z | -3.204 | -3.204 | 0 | %100 |
| 69 | M64 | Х | 0 | 0 | 0 | %100 |
| 70 | M64 | Z | -4.331 | -4.331 | 0 | %100 |
| 71 | M66 | Х | 0 | 0 | 0 | %100 |
| 72 | M66 | Z | -4.506 | -4.506 | 0 | %100 |
| 73 | M68 | Х | 0 | 0 | 0 | %100 |
| 74 | M68 | Z | -3.204 | -3.204 | 0 | %100 |
| 75 | M69 | Χ | 0 | 0 | 0 | %100 |
| 76 | M69 | Z | -1.083 | -1.083 | 0 | %100 |
| 77 | M71 | X | 0 | 0 | 0 | %100 |
| 78 | M71 | Z | -1.127 | -1.127 | 0 | %100 |
| 79 | MP1A | X | 0 | 0 | 0 | %100 |
| 80 | MP1A | Z | -2.96 | -2.96 | 0 | %100 |
| 81 | MP4A | Χ | 0 | 0 | 0 | %100 |
| 82 | MP4A | Z | -2.96 | -2.96 | 0 | %100 |
| 83 | MP3A | X | 0 | 0 | 0 | %100 |
| 84 | MP3A | Z | -3.228 | -3.228 | 0 | %100 |
| 85 | MP2A | X | 0 | 0 | 0 | %100 |
| 86 | MP2A | Z | -2.96 | -2.96 | 0 | %100 |
| 87 | MP4B | X | 0 | 0 | 0 | %100 |
| 88 | MP4B | Z | -2.96 | -2.96 | 0 | %100 |
| 89 | MP1B | <u>X</u> | 0 | 0 | 0 | %100 |
| 90 | MP1B | Z | -2.96 | -2.96 | 0 | %100 |
| 91 | MP3B | X | 0 | 0 | 0 | %100 |
| 92 | MP3B | Z | -3.228 | -3.228 | 0 | %100 |
| 93 | MP2B | X | 0 | 0 | 0 | %100 |
| 94 | MP2B | Z | -2.96 | -2.96 | 0 | %100 %400 |
| 95 | MP4C | X | 0 | 0 | 0 | %100 %400 |
| 96 | MP4C | X | -2.96 | -2.96 | 0 | %100 %400 |
| 97 | MP3C MP3C | ^ | -3.228 | -3.228 | 0 | %100 %100 |
| 99 | MP2C | X | -3.220 | -3.220 0 | 0 | %100 %100 |
| 100 | MP2C | Z | -2.96 | -2.96 | 0 | %100 %100 |
| 101 | MP1C | X | 0 | 0 | 0 | %100 %100 |
| 102 | MP1C | Z | -2.96 | -2.96 | 0 | %100 %100 |
| 103 | 01 | X | 0 | 0 | 0 | %100 %100 |
| 104 | 01 | Z | -2.371 | -2.371 | 0 | %100 %100 |
| 105 | 02 | X | 0 | 0 | 0 | %100 %100 |
| 106 | 02 | Z | -2.371 | -2.371 | 0 | %100 %100 |
| 107 | M104 | X | 0 | 0 | 0 | %100 %100 |
| 108 | M104 | Z | -3.352 | -3.352 | 0 | %100 %100 |
| 109 | M105 | X | 0 | 0 | 0 | %100 |
| 110 | M105 | Z | 838 | 838 | 0 | %100 %100 |
| 111 | M106 | X | 0 | 0 | 0 | %100 |
| 112 | M106 | Z | 838 | 838 | 0 | %100 |
| 113 | M125 | X | 0 | 0 | 0 | %100 |
| 114 | M125 | Ž | 833 | 833 | 0 | %100 |
| 115 | M126 | Χ | 0 | 0 | 0 | %100 |
| 116 | M126 | Z | 833 | 833 | 0 | %100 |
| 117 | M127 | Х | 0 | 0 | 0 | %100 |
| 118 | M127 | Z | -3.332 | -3.332 | 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 | 1.383 | 1.383 | 0 | %100 |

Mount Analysis

Aug 11, 2021 10:30 AM Checked By:_

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

| 3 | | Member Label | Direction | | End Magnitude[lb/ft,F | . Start Location[ft,%] | End Location[ft,%] |
|--|----|--------------|-----------|--------|-----------------------|------------------------|--------------------|
| A | 2 | M1 | | -2.395 | -2.395 | 0 | %100 |
| 6 M10 X 1.075 0 %100 6 M10 Z 1.883 -1.883 0 %100 7 M43 X 1.075 0 %100 8 M43 X 1.075 0 %100 9 M46 X 1.617 1.617 0 %100 10 M46 X 1.617 1.617 0 %100 11 M51B X 1.22 1.22 0 %100 112 M51B X 1.22 1.13 0 %100 13 M52B X 0 0 0 0 %100 14 M52B X 0 0 0 0 %100 15 M76 X .534 .534 0 %100 15 M76 X .534 .534 0 %100 17 M77 X 1.624 1. | | | | | | 0 | |
| 6 M10 Z -1.863 -1.863 0 94100 7 M43 X 1.075 0 94100 8 M43 Z -1.863 -1.863 0 94100 10 M46 X 1.617 1.617 0 94100 10 M46 Z -2.8 -2.8 0 95100 11 M51B X 1.22 1.22 0 95100 12 M51B Z -2.113 -2.113 0 95100 13 M52B Z 0 0 0 95100 14 M52B Z 0 0 0 95100 15 M76 X .534 .534 0 96100 15 M77 X 1.624 1.624 0 96100 17 M77 X 1.624 1.624 0 96100 19 M50 X < | | | | 76 | | | |
| T | | | X | | | | |
| 8 M43 Z -1.863 -0 %100 10 M46 X 1.617 1.617 0 %100 10 M46 Z -2.8 -2.8 0 %100 11 M51B X 1.22 1.22 0 %100 12 M51B Z -2.113 -2.113 0 %100 13 M52B X 0 0 0 %100 14 M52B Z 0 0 0 %100 15 M76 X .534 .534 0 %100 15 M76 X .534 .534 0 %100 16 M76 Z .5255 .925 .925 .925 17 M77 X 1.624 1.624 0 %100 17 M77 X 1.624 1.624 0 %100 20 M80 X 1.69 | | | | | | | |
| 9 | 7 | M43 | | | | 0 | |
| 10 | | | | | | | |
| 11 | | | X | | | 0 | |
| Text | | | | | | | |
| 13 | | | | | | 0 | |
| 14 MS2B Z 0 0 %100 15 M76 X 534 534 0 %100 16 M76 Z -925 -925 0 %100 17 M77 X 1.624 1.624 0 %100 18 M77 Z -2.813 0 %100 19 M80 X 1.69 1.99 0 %100 20 M80 Z -2.927 0 %100 21 M84 X .534 .534 0 %100 21 M84 X .534 .534 0 %100 22 M84 Z .925 0 %100 23 M85 X 0 0 0 %100 24 M85 Z 0 0 0 %100 25 M91 X 0 0 0 %100 | 12 | M51B | Z | -2.113 | -2.113 | 0 | %100 |
| 15 | 13 | M52B | | 0 | | 0 | |
| 16 | | | | | | 0 | |
| 17 | | | X | | | 0 | |
| 18 | 16 | M76 | Z | 925 | 925 | 0 | %100 |
| 19 | 17 | M77 | X | 1.624 | 1.624 | 0 | %100 |
| 20 | 18 | M77 | Z | -2.813 | -2.813 | 0 | %100 |
| 21 M84 X .534 .534 0 %100 22 M84 Z 925 925 0 %100 23 M85 X 0 0 0 %100 24 M85 Z 0 0 0 %100 25 M91 X 0 0 0 %100 26 M91 Z 0 0 0 %100 26 M91 Z 0 0 0 %100 27 M26 X 1.383 1.383 0 %100 28 M26 Z 2.2395 0 %100 29 M27 X 0 0 0 %100 30 M27 Z 0 0 0 %100 31 M28 X 4.39 4.39 0 %100 32 M28 Z -76 76 0 | 19 | M80 | X | | | 0 | %100 |
| 22 M84 Z 925 925 0 %100 23 M85 X 0 0 0 %100 24 M85 Z 0 0 0 %100 25 M91 X 0 0 0 %100 26 M91 Z 0 0 0 %100 26 M91 Z 0 0 0 %100 27 M26 X 1.383 1.383 0 %100 28 M26 Z -2.395 -2.395 0 %100 30 M27 X 0 0 0 %100 30 M27 Z 0 0 0 %100 31 M28 X .439 .439 0 %100 32 M28 Z 76 76 0 %100 33 M29 X 1.075 1.075< | 20 | M80 | | -2.927 | -2.927 | 0 | %100 |
| 23 M85 X 0 0 0 %100 24 M85 Z 0 0 0 %100 25 M91 X 0 0 0 %100 26 M91 Z 0 0 0 %100 27 M26 X 1.383 1.383 0 %100 28 M26 Z -2.395 -2.395 0 %100 29 M27 X 0 0 0 %100 30 M27 Z 0 0 0 %100 31 M28 X 439 .439 0 %100 32 M28 Z 76 76 0 %100 34 M29 X 1.075 1.075 0 %100 34 M29 Z -1.863 -1.863 0 %100 35 M30 X 1.075 < | 21 | M84 | X | .534 | .534 | 0 | %100 |
| 24 M85 Z 0 0 %100 25 M91 X 0 0 %100 26 M91 Z 0 0 %100 27 M26 X 1.383 1.383 0 %100 28 M26 Z -2.395 -2.395 0 %100 29 M27 X 0 0 0 %6100 30 M27 Z 0 0 0 %6100 31 M28 X 439 439 0 %6100 32 M28 Z -,76 -,76 0 %100 33 M29 X 1.075 1.075 0 %100 34 M29 Z -1.863 -1.863 0 %100 35 M30 X 1.075 1.075 0 %100 36 M30 Z -1.863 -1.863 0 | 22 | M84 | Z | 925 | 925 | 0 | %100 |
| 25 M91 X 0 0 0 %100 26 M91 Z 0 0 0 %100 27 M26 X 1.383 1.383 0 %100 28 M26 Z -2.395 -2.395 0 %100 29 M27 X 0 0 0 %100 30 M27 Z 0 0 0 %100 31 M28 X 4.39 4.39 0 %100 32 M28 Z 76 76 0 %100 33 M29 X 1.075 1.075 0 %100 34 M29 X 1.075 1.075 0 %100 35 M30 X 1.075 1.075 0 %100 36 M30 X 1.075 1.075 0 %100 37 M31 X 1.617 | 23 | M85 | X | 0 | 0 | 0 | %100 |
| 26 M91 Z 0 0 %100 27 M26 X 1.383 1.383 0 %100 28 M26 Z -2.395 -2.395 0 %100 29 M27 X 0 0 0 %100 30 M27 Z 0 0 0 %100 31 M28 X .439 .439 0 %100 32 M28 Z 76 76 0 %100 33 M29 X 1.075 1.075 0 %100 34 M29 Z -1.863 -1.863 0 %100 35 M30 X 1.075 1.075 0 %100 37 M31 X 1.617 1.617 0 %100 38 M31 Z -2.8 -2.8 0 %100 39 M34 X 0 < | 24 | M85 | Z | 0 | 0 | 0 | %100 |
| 26 M91 Z 0 0 %100 27 M26 X 1.383 1.383 0 %100 28 M26 Z -2.395 -2.395 0 %100 29 M27 X 0 0 0 %100 30 M27 Z 0 0 0 %100 31 M28 X .439 .439 0 %100 32 M28 Z 76 76 0 %100 33 M29 X 1.075 1.075 0 %100 34 M29 Z -1.863 -1.863 0 %100 35 M30 X 1.075 1.075 0 %100 37 M31 X 1.617 1.617 0 %100 38 M31 Z -2.8 -2.8 0 %100 39 M34 X 0 < | 25 | M91 | X | 0 | 0 | 0 | %100 |
| 28 M26 Z -2.395 -2.395 0 %100 29 M27 X 0 0 0 %100 30 M27 Z 0 0 0 %100 31 M28 X .439 .439 0 %100 32 M28 Z 76 .76 0 %100 33 M29 X 1.075 1.075 0 %100 34 M29 Z -1.863 -1.863 0 %100 35 M30 X 1.075 1.075 0 %100 36 M30 X 1.075 1.075 0 %100 38 M31 X 1.617 1.617 0 %100 38 M31 X 2.2.8 -2.8 0 %100 40 M34 X 0 0 0 %100 41 M35 X < | 26 | M91 | Z | 0 | 0 | 0 | %100 |
| Section Sect | 27 | M26 | Х | 1.383 | 1.383 | 0 | %100 |
| 29 M27 X 0 0 0 %100 30 M27 Z 0 0 0 %100 31 M28 X 439 0 %100 32 M28 Z 76 76 0 %100 33 M29 X 1.075 1.075 0 %100 34 M29 Z -1.863 -1.863 0 %100 35 M30 X 1.075 1.075 0 %100 36 M30 Z -1.863 -1.863 0 %100 37 M31 X 1.617 1.617 0 %100 38 M31 Z -2.8 -2.8 0 %100 39 M34 X 0 0 0 %100 40 M34 Z 0 0 0 %100 41 M35 X 1.22 1.22 </td <td>28</td> <td>M26</td> <td>Z</td> <td>-2.395</td> <td>-2.395</td> <td>0</td> <td>%100</td> | 28 | M26 | Z | -2.395 | -2.395 | 0 | %100 |
| 30 M27 Z 0 0 %100 31 M28 X .439 .439 0 %100 32 M28 Z 76 76 0 %100 33 M29 X 1.075 1.075 0 %100 34 M29 Z -1.863 -1.863 0 %100 35 M30 X 1.075 1.075 0 %100 36 M30 Z -1.863 -1.863 0 %100 37 M31 X 1.617 1.617 0 %100 38 M31 Z -2.8 -2.8 0 %100 40 M34 X 0 0 0 %100 41 M35 X 1.22 1.22 0 %100 41 M35 X 1.22 1.22 0 %100 43 M39 X .534 | | M27 | X | | 0 | 0 | %100 |
| 32 M28 Z 76 76 0 %100 33 M29 X 1.075 1.075 0 %100 34 M29 Z -1.863 -1.863 0 %100 35 M30 X 1.075 1.075 0 %100 36 M30 Z -1.863 -1.863 0 %100 37 M31 X 1.617 1.617 0 %100 38 M31 Z -2.8 -2.8 0 %100 39 M34 X 0 0 0 %100 40 M34 Z 0 0 0 %100 41 M35 X 1.22 1.22 0 %100 41 M35 X 1.22 1.213 0 %100 43 M39 X .534 .534 0 %100 44 M39 Z | | | Z | 0 | | 0 | |
| 32 M28 Z 76 76 0 %100 33 M29 X 1.075 1.075 0 %100 34 M29 Z -1.863 -1.863 0 %100 35 M30 X 1.075 1.075 0 %100 36 M30 Z -1.863 -1.863 0 %100 37 M31 X 1.617 1.617 0 %100 38 M31 Z -2.8 -2.8 0 %100 39 M34 X 0 0 0 %100 40 M34 Z 0 0 0 %100 41 M35 X 1.22 1.22 0 %100 41 M35 X 1.22 1.213 0 %100 43 M39 X .534 .534 .534 0 %100 44 M39 | 31 | M28 | Х | .439 | .439 | 0 | %100 |
| 34 M29 Z -1.863 -1.863 0 %100 35 M30 X 1.075 1.075 0 %100 36 M30 Z -1.863 -1.863 0 %100 37 M31 X 1.617 0 %100 38 M31 Z -2.8 -2.8 0 %100 39 M34 X 0 0 0 %100 40 M34 X 0 0 0 %100 41 M35 X 1.22 1.22 0 %100 41 M35 X 1.22 1.22 0 %100 43 M39 X .534 .534 0 %100 44 M39 Z 925 925 0 %100 45 M40 X 0 0 0 %100 46 M40 X 0 0 </td <td>32</td> <td>M28</td> <td>Z</td> <td></td> <td></td> <td>0</td> <td>%100</td> | 32 | M28 | Z | | | 0 | %100 |
| 34 M29 Z -1.863 -1.863 0 %100 35 M30 X 1.075 1.075 0 %100 36 M30 Z -1.863 -1.863 0 %100 37 M31 X 1.617 0 %100 38 M31 Z -2.8 -2.8 0 %100 39 M34 X 0 0 0 %100 40 M34 Z 0 0 0 %100 41 M35 X 1.22 0 %100 42 M35 Z -2.113 -2.113 0 %100 43 M39 X .534 .534 0 %100 44 M39 Z -925 -925 0 %100 45 M40 X 0 0 0 %100 46 M40 X 0 0 0 <td>33</td> <td>M29</td> <td>X</td> <td>1.075</td> <td>1.075</td> <td>0</td> <td>%100</td> | 33 | M29 | X | 1.075 | 1.075 | 0 | %100 |
| 35 M30 X 1.075 1.075 0 %100 36 M30 Z -1.863 -1.863 0 %100 37 M31 X 1.617 1.617 0 %100 38 M31 Z -2.8 -2.8 0 %100 39 M34 X 0 0 0 %100 40 M34 Z 0 0 0 %100 41 M35 X 1.22 1.22 0 %100 42 M35 Z -2.113 0 %100 43 M39 X .534 .534 0 %100 44 M39 Z -925 -925 0 %100 45 M40 X 0 0 0 %100 46 M40 X 0 0 0 %100 48 M42 X 0 0 | | M29 | | -1.863 | -1.863 | 0 | %100 |
| 36 M30 Z -1.863 -1.863 0 %100 37 M31 X 1.617 1.617 0 %100 38 M31 Z -2.8 -2.8 0 %100 39 M34 X 0 0 0 %100 40 M34 Z 0 0 0 %100 41 M35 X 1.22 1.22 0 %100 42 M35 Z -2.113 -2.113 0 %100 43 M39 X .534 .534 0 %100 44 M39 Z -925 -925 0 %100 45 M40 X 0 0 0 %100 46 M40 X 0 0 0 %100 47 M42 X 0 0 0 %100 49 M44 X .534 | | | Х | | | 0 | |
| 38 M31 Z -2.8 -2.8 0 %100 39 M34 X 0 0 0 %100 40 M34 Z 0 0 0 %100 41 M35 X 1.22 1.22 0 %100 42 M35 Z -2.113 -2.113 0 %100 43 M39 X .534 .534 0 %100 44 M39 Z 925 925 0 %100 45 M40 X 0 0 0 %100 46 M40 X 0 0 0 %100 47 M42 X 0 0 0 %100 48 M42 Z 0 0 %100 49 M44 X .534 .534 0 %100 50 M44 Z 925 925 <t< td=""><td>36</td><td>M30</td><td>Z</td><td>-1.863</td><td>-1.863</td><td>0</td><td>%100</td></t<> | 36 | M30 | Z | -1.863 | -1.863 | 0 | %100 |
| 38 M31 Z -2.8 -2.8 0 %100 39 M34 X 0 0 0 %100 40 M34 Z 0 0 0 %100 41 M35 X 1.22 1.22 0 %100 42 M35 Z -2.113 -2.113 0 %100 43 M39 X .534 .534 0 %100 44 M39 Z 925 925 0 %100 45 M40 X 0 0 0 %100 46 M40 X 0 0 0 %100 47 M42 X 0 0 0 %100 48 M42 Z 0 0 %100 49 M44 X .534 .534 0 %100 50 M44 Z 925 925 <t< td=""><td></td><td></td><td>X</td><td></td><td></td><td>0</td><td></td></t<> | | | X | | | 0 | |
| 39 M34 X 0 0 0 %100 40 M34 Z 0 0 0 %100 41 M35 X 1.22 1.22 0 %100 42 M35 Z -2.113 -2.113 0 %100 43 M39 X .534 .534 0 %100 44 M39 Z 925 925 0 %100 45 M40 X 0 0 0 %100 46 M40 X 0 0 0 %100 47 M42 X 0 0 0 %100 47 M42 X 0 0 0 %100 48 M42 Z 0 0 0 %100 49 M44 X .534 .534 0 %100 50 M44 Z 925 925 <td>38</td> <td>M31</td> <td>Z</td> <td>-2.8</td> <td>-2.8</td> <td>0</td> <td>%100</td> | 38 | M31 | Z | -2.8 | -2.8 | 0 | %100 |
| 40 M34 Z 0 0 0 %100 41 M35 X 1.22 1.22 0 %100 42 M35 Z -2.113 -2.113 0 %100 43 M39 X .534 .534 0 %100 44 M39 Z 925 0 %100 45 M40 X 0 0 0 %100 46 M40 X 0 0 0 %100 47 M42 X 0 0 0 %100 48 M42 Z 0 0 0 %100 49 M44 X .534 .534 0 %100 49 M44 X .534 .534 0 %100 50 M44 Z 925 925 0 %100 51 M45 X 1.624 1.624 | 39 | M34 | X | 0 | 0 | 0 | %100 |
| 42 M35 Z -2.113 -2.113 0 %100 43 M39 X .534 .534 0 %100 44 M39 Z 925 925 0 %100 45 M40 X 0 0 0 %100 46 M40 Z 0 0 0 %100 47 M42 X 0 0 0 %100 48 M42 Z 0 0 0 %100 49 M44 X .534 .534 0 %100 50 M44 X .534 .534 0 %100 51 M45 X 1.624 1.624 0 %100 51 M45 X 1.624 1.624 0 %100 53 M47 X 1.69 1.69 0 %100 54 M47 Z -2.927 <td></td> <td>M34</td> <td>Z</td> <td>0</td> <td>0</td> <td>0</td> <td>%100</td> | | M34 | Z | 0 | 0 | 0 | %100 |
| 42 M35 Z -2.113 -2.113 0 %100 43 M39 X .534 .534 0 %100 44 M39 Z 925 925 0 %100 45 M40 X 0 0 0 %100 46 M40 Z 0 0 0 %100 47 M42 X 0 0 0 %100 48 M42 Z 0 0 0 %100 49 M44 X .534 .534 0 %100 50 M44 X .534 .534 0 %100 51 M45 X 1.624 1.624 0 %100 51 M45 X 1.624 1.624 0 %100 52 M45 Z -2.813 -2.813 0 %100 54 M47 X 1.69< | | | X | 1.22 | | 0 | |
| 43 M39 X .534 .534 0 %100 44 M39 Z 925 925 0 %100 45 M40 X 0 0 0 %100 46 M40 Z 0 0 0 %100 47 M42 X 0 0 0 %100 48 M42 Z 0 0 0 %100 49 M44 X .534 .534 0 %100 50 M44 Z 925 925 0 %100 51 M45 X 1.624 1.624 0 %100 52 M45 Z -2.813 -2.813 0 %100 53 M47 X 1.69 1.69 0 %100 54 M47 Z -2.927 -2.927 0 %100 55 M52A X 1.75 | 42 | | Z | | | 0 | |
| 44 M39 Z 925 925 0 %100 45 M40 X 0 0 0 %100 46 M40 Z 0 0 0 %100 47 M42 X 0 0 0 %100 48 M42 Z 0 0 0 %100 49 M44 X .534 .534 0 %100 50 M44 Z 925 925 0 %100 51 M45 X 1.624 1.624 0 %100 52 M45 Z -2.813 -2.813 0 %100 53 M47 X 1.69 1.69 0 %100 54 M47 Z -2.927 -2.927 0 %100 55 M52A X 1.755 1.755 0 %100 56 M52A Z - | | | X | | | 0 | |
| 45 M40 X 0 0 0 %100 46 M40 Z 0 0 0 %100 47 M42 X 0 0 0 %100 48 M42 Z 0 0 0 %100 49 M44 X .534 .534 0 %100 50 M44 Z 925 925 0 %100 51 M45 X 1.624 1.624 0 %100 52 M45 Z -2.813 -2.813 0 %100 53 M47 X 1.69 1.69 0 %100 54 M47 Z -2.927 -2.927 0 %100 55 M52A X 1.755 1.755 0 %100 57 M53 X 0 0 0 %100 | | | Z | | | | |
| 46 M40 Z 0 0 %100 47 M42 X 0 0 %100 48 M42 Z 0 0 %100 49 M44 X .534 .534 0 %100 50 M44 Z 925 925 0 %100 51 M45 X 1.624 1.624 0 %100 52 M45 Z -2.813 -2.813 0 %100 53 M47 X 1.69 1.69 0 %100 54 M47 Z -2.927 -2.927 0 %100 55 M52A X 1.755 1.755 0 %100 57 M53 X 0 0 0 %100 | | | X | | | | |
| 47 M42 X 0 0 0 %100 48 M42 Z 0 0 %100 49 M44 X .534 .534 0 %100 50 M44 Z 925 925 0 %100 51 M45 X 1.624 1.624 0 %100 52 M45 Z -2.813 -2.813 0 %100 53 M47 X 1.69 1.69 0 %100 54 M47 Z -2.927 -2.927 0 %100 55 M52A X 1.755 1.755 0 %100 56 M52A Z -3.039 0 %100 57 M53 X 0 0 0 %100 | 46 | | Z | | | | %100 |
| 48 M42 Z 0 0 0 %100 49 M44 X .534 .534 0 %100 50 M44 Z 925 925 0 %100 51 M45 X 1.624 1.624 0 %100 52 M45 Z -2.813 -2.813 0 %100 53 M47 X 1.69 1.69 0 %100 54 M47 Z -2.927 -2.927 0 %100 55 M52A X 1.755 1.755 0 %100 56 M52A Z -3.039 -3.039 0 %100 57 M53 X 0 0 0 %100 | | | | 0 | 0 | 0 | %100 |
| 49 M44 X .534 .534 0 %100 50 M44 Z 925 925 0 %100 51 M45 X 1.624 1.624 0 %100 52 M45 Z -2.813 -2.813 0 %100 53 M47 X 1.69 1.69 0 %100 54 M47 Z -2.927 -2.927 0 %100 55 M52A X 1.755 1.755 0 %100 56 M52A Z -3.039 -3.039 0 %100 57 M53 X 0 0 0 %100 | 48 | M42 | | | | 0 | |
| 50 M44 Z 925 925 0 %100 51 M45 X 1.624 1.624 0 %100 52 M45 Z -2.813 -2.813 0 %100 53 M47 X 1.69 1.69 0 %100 54 M47 Z -2.927 -2.927 0 %100 55 M52A X 1.755 1.755 0 %100 56 M52A Z -3.039 -3.039 0 %100 57 M53 X 0 0 %100 | | M44 | X | .534 | .534 | 0 | |
| 51 M45 X 1.624 1.624 0 %100 52 M45 Z -2.813 -2.813 0 %100 53 M47 X 1.69 1.69 0 %100 54 M47 Z -2.927 -2.927 0 %100 55 M52A X 1.755 1.755 0 %100 56 M52A Z -3.039 -3.039 0 %100 57 M53 X 0 0 0 %100 | | | Z | | | | |
| 52 M45 Z -2.813 -2.813 0 %100 53 M47 X 1.69 0 %100 54 M47 Z -2.927 -2.927 0 %100 55 M52A X 1.755 1.755 0 %100 56 M52A Z -3.039 -3.039 0 %100 57 M53 X 0 0 %100 | | | | | | | |
| 53 M47 X 1.69 1.69 0 %100 54 M47 Z -2.927 -2.927 0 %100 55 M52A X 1.755 1.755 0 %100 56 M52A Z -3.039 -3.039 0 %100 57 M53 X 0 0 %100 | | | | | | | |
| 54 M47 Z -2.927 -2.927 0 %100 55 M52A X 1.755 1.755 0 %100 56 M52A Z -3.039 -3.039 0 %100 57 M53 X 0 0 %100 | | | | | | | |
| 55 M52A X 1.755 1.755 0 %100 56 M52A Z -3.039 -3.039 0 %100 57 M53 X 0 0 0 %100 | | | Z | | -2.927 | | |
| 56 M52A Z -3.039 -3.039 0 %100 57 M53 X 0 0 0 %100 | | | | 1.755 | | | |
| 57 M53 X 0 0 0 %100 | | | Z | | | | |
| | | | | | | | |
| | 58 | M53 | Z | 0 | 0 | 0 | %100 |

Mount Analysis

Aug 11, 2021 10:30 AM Checked By:___

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

| 59 M54 X 0 0 0 0 60 M54 Z 0 0 0 0 0 61 M55 X 0 0 0 0 0 62 M55 Z 0 0 0 0 0 63 M58A X 1.22 1.22 0 0 0 64 M58A Z -2.113 -2.113 0 | %100 %100 %100 %100 %100 %100 %100 %100 |
|--|--|
| 59 M54 X 0 0 0 0 60 M54 Z 0 0 0 0 0 61 M55 X 0 0 0 0 0 62 M55 Z 0 0 0 0 0 63 M58A X 1.22 1.22 0 0 0 64 M58A Z -2.113 -2.113 0 | %100 %100 %100 %100 %100 %100 %100 %100 |
| 60 M54 Z 0 | %100 %100 %100 %100 %100 %100 %100 %100 %100 %100 %100 %100 %100 %100 |
| 61 M55 X 0 | %100 %100 %100 %100 %100 %100 %100 %100 |
| 62 M55 Z 0 0 0 63 M58A X 1.22 1.22 0 64 M58A Z -2.113 -2.113 0 0 65 M59A X 1.22 1.22 0 0 66 M59A Z -2.113 -2.113 0 0 67 M63 X 2.136 0 0 0 68 M63 Z -3.7 -3.7 0 0 68 M63 Z -3.7 -3.7 0 0 69 M64 X 1.624 1.624 0 0 70 M64 Z -2.813 -2.813 0 0 71 M66 X 1.69 1.69 0 0 72 M66 Z -2.927 -2.927 0 0 73 M68 X 2.136 2.136 0 | %100 %100 %100 %100 %100 %100 %100 %100 |
| 63 M58A X 1.22 1.22 0 6 64 M58A Z -2.113 -2.113 0 6 65 M59A X 1.22 1.22 0 6 66 M59A Z -2.113 -2.113 0 6 67 M63 X 2.136 2.136 0 6 68 M63 Z -3.7 -3.7 0 6 69 M64 X 1.624 1.624 0 0 6 69 M64 X 1.69 1.69 0 < | %100 %100 %100 %100 %100 %100 %100 %100 |
| 63 M58A X 1.22 1.22 0 6 64 M58A Z -2.113 -2.113 0 6 65 M59A X 1.22 1.22 0 6 66 M59A Z -2.113 -2.113 0 6 67 M63 X 2.136 2.136 0 6 68 M63 Z -3.7 -3.7 0 6 69 M64 X 1.624 1.624 0 0 6 69 M64 X 1.69 1.69 0 < | %100 %100 %100 %100 %100 %100 %100 %100 |
| 64 M58A Z -2.113 -2.113 0 6 65 M59A X 1.22 1.22 0 6 66 M59A Z -2.113 -2.113 0 6 67 M63 X 2.136 2.136 0 6 68 M63 Z -3.7 -3.7 0 6 69 M64 X 1.624 1.624 0 0 70 M64 Z -2.813 -2.813 0 0 71 M66 X 1.69 1.69 0 0 72 M66 Z -2.927 -2.927 0 0 73 M68 X 2.136 2.136 0 0 74 M68 Z -3.7 -3.7 0 0 0 75 M69 X 1.624 1.624 0 0 0 0 0 0 | %100 %100 %100 %100 %100 %100 %100 %100 |
| 65 M59A X 1.22 1.22 0 6 66 M59A Z -2.113 -2.113 0 6 67 M63 X 2.136 2.136 0 6 68 M63 Z -3.7 -3.7 0 6 69 M64 X 1.624 1.624 0 6 70 M64 Z -2.813 -2.813 0 6 71 M66 X 1.69 1.69 0 6 72 M66 Z -2.927 -2.927 0 6 73 M68 X 2.136 2.136 0 6 74 M68 Z -3.7 -3.7 0 6 75 M69 X 1.624 1.624 0 6 76 M69 Z -2.813 -2.813 0 6 78 M71 X 1.69< | %100 %100 %100 %100 %100 %100 %100 %100 |
| 66 M59A Z -2.113 -2.113 0 G 67 M63 X 2.136 2.136 0 G 68 M63 Z -3.7 -3.7 0 G 69 M64 X 1.624 1.624 0 G 70 M64 Z -2.813 -2.813 0 G 71 M66 X 1.69 1.69 0 G 72 M66 Z -2.927 -2.927 0 G 73 M68 X 2.136 2.136 0 G 74 M68 Z -3.7 -3.7 0 G 75 M69 X 1.624 1.624 0 G 76 M69 Z -2.813 -2.813 0 G 78 M71 X 1.69 1.69 0 G 79 MP1A X 1.48< | %100 %100 %100 %100 %100 %100 %100 |
| 67 M63 X 2.136 2.136 0 6 68 M63 Z -3.7 -3.7 0 6 69 M64 X 1.624 1.624 0 0 70 M64 Z -2.813 -2.813 0 0 71 M66 X 1.69 1.69 0 0 72 M66 Z -2.927 -2.927 0 0 73 M68 X 2.136 2.136 0 0 74 M68 Z -3.7 -3.7 0 0 0 75 M69 X 1.624 1.624 0 0 0 76 M69 Z -2.813 -2.813 0 0 0 78 M71 X 1.69 1.69 0 0 0 79 MP1A X 1.48 1.48 0 0 0 </td <td>%100 %100 %100 %100 %100 %100</td> | %100 %100 %100 %100 %100 %100 |
| 68 M63 Z -3.7 -3.7 0 69 69 M64 X 1.624 1.624 0 69 70 M64 Z -2.813 -2.813 0 69 71 M66 X 1.69 1.69 0 60 72 M66 Z -2.927 -2.927 0 60 73 M68 X 2.136 2.136 0 60 74 M68 Z -3.7 -3.7 0 60 75 M69 X 1.624 1.624 0 60 76 M69 Z -2.813 -2.813 0 60 78 M71 X 1.69 1.69 0 60 79 MP1A X 1.48 1.48 0 60 80 MP1A X 1.48 1.48 0 60 81 MP4A X <t< td=""><td>%100 %100 %100 %100 %100</td></t<> | %100 %100 %100 %100 %100 |
| 68 M63 Z -3.7 -3.7 0 69 69 M64 X 1.624 1.624 0 69 70 M64 Z -2.813 -2.813 0 69 71 M66 X 1.69 1.69 0 60 72 M66 Z -2.927 -2.927 0 60 73 M68 X 2.136 2.136 0 60 74 M68 Z -3.7 -3.7 0 60 75 M69 X 1.624 1.624 0 60 76 M69 Z -2.813 -2.813 0 60 78 M71 X 1.69 1.69 0 60 79 MP1A X 1.48 1.48 0 60 80 MP1A X 1.48 1.48 0 60 81 MP4A X <t< td=""><td>%100 %100 %100 %100 %100</td></t<> | %100 %100 %100 %100 %100 |
| 69 M64 X 1.624 1.624 0 6 70 M64 Z -2.813 -2.813 0 6 71 M66 X 1.69 1.69 0 6 72 M66 Z -2.927 -2.927 0 6 73 M68 X 2.136 0 0 6 74 M68 Z -3.7 -3.7 0 6 75 M69 X 1.624 1.624 0 6 76 M69 Z -2.813 -2.813 0 6 77 M71 X 1.69 1.69 0 6 78 M71 Z -2.927 -2.927 0 6 79 MP1A X 1.48 1.48 0 6 80 MP1A X 1.48 1.48 0 6 81 MP4A X 1.48 | %100 %100 %100 %100 |
| 70 M64 Z -2.813 -2.813 0 G 71 M66 X 1.69 1.69 0 G 72 M66 Z -2.927 -2.927 0 G 73 M68 X 2.136 2.136 0 G 74 M68 Z -3.7 -3.7 0 G 75 M69 X 1.624 1.624 0 G 76 M69 Z -2.813 -2.813 0 G 77 M71 X 1.69 1.69 0 G 78 M71 Z -2.927 -2.927 0 G 79 MP1A X 1.48 1.48 0 G 80 MP1A Z -2.563 -2.563 0 G 81 MP4A X 1.48 1.48 0 G | %100 %100 %100 |
| 71 M66 X 1.69 1.69 0 0 72 M66 Z -2.927 -2.927 0 0 73 M68 X 2.136 2.136 0 0 74 M68 Z -3.7 -3.7 0 0 75 M69 X 1.624 1.624 0 0 76 M69 Z -2.813 -2.813 0 0 77 M71 X 1.69 1.69 0 0 78 M71 Z -2.927 -2.927 0 0 79 MP1A X 1.48 1.48 0 0 80 MP1A Z -2.563 -2.563 0 0 81 MP4A X 1.48 1.48 0 0 | %100 %100 |
| 72 M66 Z -2.927 -2.927 0 G 73 M68 X 2.136 2.136 0 G 74 M68 Z -3.7 -3.7 0 G 75 M69 X 1.624 1.624 0 G 76 M69 Z -2.813 -2.813 0 G 77 M71 X 1.69 1.69 0 G 78 M71 Z -2.927 -2.927 0 G 79 MP1A X 1.48 1.48 0 G 80 MP1A Z -2.563 -2.563 0 G 81 MP4A X 1.48 1.48 0 G | %100 |
| 73 M68 X 2.136 2.136 0 9 74 M68 Z -3.7 -3.7 0 0 75 M69 X 1.624 1.624 0 0 76 M69 Z -2.813 -2.813 0 0 0 77 M71 X 1.69 1.69 0 | |
| 74 M68 Z -3.7 -3.7 0 G 75 M69 X 1.624 1.624 0 G 76 M69 Z -2.813 -2.813 0 G 77 M71 X 1.69 1.69 0 G 78 M71 Z -2.927 -2.927 0 G 79 MP1A X 1.48 1.48 0 G 80 MP1A Z -2.563 -2.563 0 G 81 MP4A X 1.48 1.48 0 G | |
| 74 M68 Z -3.7 -3.7 0 9 75 M69 X 1.624 1.624 0 9 76 M69 Z -2.813 -2.813 0 9 77 M71 X 1.69 1.69 0 9 78 M71 Z -2.927 -2.927 0 9 79 MP1A X 1.48 1.48 0 9 80 MP1A Z -2.563 -2.563 0 9 81 MP4A X 1.48 1.48 0 9 | %100 |
| 75 M69 X 1.624 1.624 0 0 76 M69 Z -2.813 -2.813 0 0 77 M71 X 1.69 1.69 0 0 78 M71 Z -2.927 -2.927 0 0 79 MP1A X 1.48 1.48 0 0 80 MP1A Z -2.563 -2.563 0 0 81 MP4A X 1.48 1.48 0 0 | %100 |
| 76 M69 Z -2.813 -2.813 0 0 77 M71 X 1.69 1.69 0 0 78 M71 Z -2.927 -2.927 0 0 79 MP1A X 1.48 1.48 0 0 80 MP1A Z -2.563 -2.563 0 0 81 MP4A X 1.48 1.48 0 0 | %100 %100 |
| 77 M71 X 1.69 0 0 78 M71 Z -2.927 -2.927 0 0 79 MP1A X 1.48 1.48 0 0 80 MP1A Z -2.563 -2.563 0 0 81 MP4A X 1.48 1.48 0 0 | |
| 78 M71 Z -2.927 -2.927 0 0 79 MP1A X 1.48 1.48 0 0 80 MP1A Z -2.563 -2.563 0 0 81 MP4A X 1.48 1.48 0 0 | %100 |
| 79 MP1A X 1.48 1.48 0 0 80 MP1A Z -2.563 -2.563 0 0 81 MP4A X 1.48 1.48 0 0 | %100 |
| 79 MP1A X 1.48 1.48 0 0 80 MP1A Z -2.563 -2.563 0 0 81 MP4A X 1.48 1.48 0 0 | %100 |
| 80 MP1A Z -2.563 0 0 81 MP4A X 1.48 1.48 0 | %100 |
| 81 MP4A X 1.48 1.48 0 | %100 |
| | |
| | %100 |
| | %100 |
| 83 MP3A X 1.614 1.614 0 | %100 |
| 84 MP3A Z -2.796 -2.796 0 | %100 |
| | %100 |
| | %100 %100 |
| | |
| | %100 |
| | %100 |
| 89 MP1B X 1.48 1.48 0 | %100 |
| 90 MP1B Z -2.563 -2.563 0 | %100 |
| | %100 |
| | %100 |
| | %100 %100 |
| | |
| | %100 |
| | %100 |
| 96 MP4C Z -2.563 -2.563 0 | %100 |
| | %100 |
| | %100 |
| | %100 %100 |
| | |
| | <u>%100</u> |
| | %100 |
| | %100 |
| 103 O1 X 1.185 1.185 0 | %100 |
| | %100 |
| | %100 |
| | |
| | <u>%100</u> |
| | %100 |
| | %100 |
| 109 M105 X 1.257 1.257 0 | %100 |
| 140 MOS 7 0.477 0.477 | %100 |
| 110 M105 Z -2.1// -2.1// 0 | |
| | 76 IIIII |
| 111 M106 X 0 0 0 | %100 %100 |
| 111 M106 X 0 0 0 112 M106 Z 0 0 0 | %100 |
| 111 M106 X 0 0 0 112 M106 Z 0 0 0 113 M125 X 1.25 1.25 0 | %100 %100 |
| 111 M106 X 0 0 0 112 M106 Z 0 0 0 113 M125 X 1.25 1.25 0 114 M125 Z -2.164 -2.164 0 | %100 |

Company Designer Job Number Model Name

: Maser Consulting

: Mount Analysis

Aug 11, 2021 10:30 AM Checked By:__

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

| | Member Label | Direction | Start Magnitude[lb/ft, | .End Magnitude[lb/ft,F | . Start Location[ft,%] | End Location[ft,%] |
|-----|--------------|-----------|------------------------|------------------------|------------------------|--------------------|
| 116 | M126 | Z | 0 | 0 | 0 | %100 |
| 117 | M127 | Х | 1.25 | 1.25 | 0 | %100 |
| 118 | M127 | Z | -2.164 | -2.164 | 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 | .798 | .798 | 0 | %100 |
| 2 | M1 | Z | 461 | 461 | 0 | %100 |
| 3 | M4 | Х | 2.28 | 2.28 | 0 | %100 |
| 4 | M4 | Z | -1.316 | -1.316 | 0 | %100 |
| 5 | M10 | X | .621 | .621 | 0 | %100 |
| 6 | M10 | Z | 358 | 358 | 0 | %100 |
| 7 | M43 | X | .621 | .621 | 0 | %100 |
| 8 | M43 | Z | 358 | 358 | 0 | %100 %100 |
| 9 | M46 | X | .933 | .933 | 0 | %100 |
| 10 | M46 | Z | 539 | 539 | 0 | %100 %100 |
| 11 | M51B | X | 2.818 | 2.818 | 0 | %100 %100 |
| 12 | M51B | Z | -1.627 | -1.627 | 0 | %100 %100 |
| 13 | M52B | X | .704 | .704 | 0 | %100 %100 |
| 14 | M52B | Z | 407 | 407 | 0 | %100 %100 |
| 15 | M76 | X | 2.775 | 2.775 | 0 | %100 %100 |
| 16 | M76 | Z | -1.602 | -1.602 | 0 | %100 %100 |
| 17 | M77 | X | 3.751 | 3.751 | 0 | %100 %100 |
| 18 | M77 | Z | -2.166 | -2.166 | 0 | %100 %100 |
| | | | | | | |
| 19 | M80 | X | 3.903 | 3.903 | 0 | %100 %400 |
| 20 | M80 | Z | -2.253 | -2.253 2.775 | 0 | %100 %100 |
| 21 | M84 | X Z | 2.775 | | 0 | %100 %100 |
| | M84 | | -1.602 | -1.602 | 0 | %100 %100 |
| 23 | M85 | X | .938 | .938 | 0 | |
| 24 | M85 | Z | 541 | 541 | 0 | %100 %400 |
| 25 | M91 | X Z | .976 | .976 | 0 | %100 %400 |
| 26 | M91 | | 563 | 563 | 0 | %100 %400 |
| 27 | M26 | X | 3.193 | 3.193 | 0 | %100 %400 |
| 28 | M26 | Z | -1.844 | -1.844 | 0 | %100 %400 |
| 29 | M27 | X | .798 | .798 | 0 | %100 |
| 30 | M27 | Z | 461 | 461 | 0 | %100 |
| 31 | M28 | X | 0 | 0 | 0 | %100 |
| 32 | M28 | Z | 0 | 0 | 0 | %100 |
| 33 | M29 | X | 2.483 | 2.483 | 0 | %100 |
| 34 | M29 | Z | -1.434 | -1.434 | 0 | %100 |
| 35 | M30 | X | 2.483 | 2.483 | 0 | %100 |
| 36 | M30 | Z | -1.434 | -1.434 | 0 | %100 |
| 37 | M31 | X | 3.733 | 3.733 | 0 | %100 |
| 38 | M31 | Z | -2.155 | -2.155 | 0 | %100 |
| 39 | M34 | X | .704 | .704 | 0 | %100 |
| 40 | M34 | Z | 407 | 407 | 0 | %100 |
| 41 | M35 | X | .704 | .704 | 0 | %100 |
| 42 | M35 | Z | 407 | 407 | 0 | %100 |
| 43 | M39 | X | 0 | 0 | 0 | %100 |
| 44 | <u>M39</u> | Z | 0 | 0 | 0 | %100 |
| 45 | M40 | X | .938 | .938 | 0 | %100 |
| 46 | M40 | Z | 541 | 541 | 0 | %100 |
| 47 | M42 | X | .976 | .976 | 0 | %100 |
| 48 | M42 | Z | 563 | 563 | 0 | %100 |
| 49 | M44 | X | 0 | 0 | 0 | %100 |
| 50 | M44 | Z | 0 | 0 | 0 | %100 |

Mount Analysis

Aug 11, 2021 10:30 AM Checked By:__

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

| WICIII | <u>Dei Distributeu Loc</u> | ads (DEO oc | . Otractare Wi | Too Degij Toom | unacaj | |
|--------|----------------------------|-------------|------------------------|-----------------------|----------------------|--------------------|
| | Member Label | Direction | Start Magnitude[lb/ft, | End Magnitude[lh/ft E | Start Location[ft %] | End Location[ft,%] |
| 51 | M45 | X | .938 | .938 | 0 | %100 |
| 52 | M45 | Z | 541 | 541 | 0 | %100 %100 |
| 53 | M47 | X | .976 | .976 | 0 | %100 %100 |
| 54 | M47 | Z | 563 | 563 | 0 | %100 %100 |
| | | | | | | |
| 55 | M52A | X | 2.28 | 2.28 | 0 | %100 |
| 56 | M52A | Z | -1.316 | -1.316 | 0 | %100 |
| 57 | M53 | X | .621 | .621 | 0 | %100 |
| 58 | M53 | Z | 358 | 358 | 0 | %100 |
| 59 | M54 | X | .621 | .621 | 0 | %100 |
| 60 | M54 | Z | 358 | 358 | 0 | %100 |
| 61 | M55 | Χ | .933 | .933 | 0 | %100 |
| 62 | M55 | Z | 539 | 539 | 0 | %100 |
| 63 | M58A | Χ | .704 | .704 | 0 | %100 |
| 64 | M58A | Z | 407 | 407 | 0 | %100 |
| 65 | M59A | Х | 2.818 | 2.818 | 0 | %100 |
| 66 | M59A | Z | -1.627 | -1.627 | 0 | %100 |
| 67 | M63 | X | 2.775 | 2.775 | 0 | %100 |
| 68 | M63 | Z | -1.602 | -1.602 | 0 | %100 |
| 69 | M64 | X | .938 | .938 | 0 | %100 %100 |
| 70 | M64 | Z | 541 | 541 | 0 | %100 %100 |
| 71 | M66 | X | .976 | .976 | 0 | %100 %100 |
| 72 | | Z | | | | |
| | M66 | | 563 | 563 | 0 | %100 %400 |
| 73 | M68 | X | 2.775 | 2.775 | 0 | %100 |
| 74 | M68 | Z | -1.602 | -1.602 | 0 | %100 |
| 75 | M69 | X | 3.751 | 3.751 | 0 | %100 |
| 76 | M69 | Z | -2.166 | -2.166 | 0 | %100 |
| 77 | M71 | X | 3.903 | 3.903 | 0 | %100 |
| 78 | M71 | Z | -2.253 | -2.253 | 0 | %100 |
| 79 | MP1A | X | 2.563 | 2.563 | 0 | %100 |
| 80 | MP1A | Z | -1.48 | -1.48 | 0 | %100 |
| 81 | MP4A | X | 2.563 | 2.563 | 0 | %100 |
| 82 | MP4A | Z | -1.48 | -1.48 | 0 | %100 |
| 83 | MP3A | Χ | 2.796 | 2.796 | 0 | %100 |
| 84 | MP3A | Z | -1.614 | -1.614 | 0 | %100 |
| 85 | MP2A | Х | 2.563 | 2.563 | 0 | %100 |
| 86 | MP2A | Z | -1.48 | -1.48 | 0 | %100 |
| 87 | MP4B | X | 2.563 | 2.563 | 0 | %100 |
| 88 | MP4B | Z | -1.48 | -1.48 | 0 | %100 %100 |
| 89 | MP1B | X | 2.563 | 2.563 | 0 | %100 %100 |
| 90 | MP1B | Z | -1.48 | -1.48 | 0 | %100 %100 |
| 91 | MP3B | X | 2.796 | 2.796 | 0 | %100 %100 |
| 91 | MP3B | Z | -1.614 | -1.614 | 0 | %100 %100 |
| | | | | | | |
| 93 | MP2B | X | 2.563 | 2.563 | 0 | %100 %400 |
| 94 | MP2B | Z | -1.48 | -1.48 | 0 | %100 |
| 95 | MP4C | X | 2.563 | 2.563 | 0 | %100 |
| 96 | MP4C | Z | -1.48 | -1.48 | 0 | %100 |
| 97 | MP3C | X | 2.796 | 2.796 | 0 | %100 |
| 98 | MP3C | Z | -1.614 | -1.614 | 0 | %100 |
| 99 | MP2C | X | 2.563 | 2.563 | 0 | %100 |
| 100 | MP2C | Z | -1.48 | -1.48 | 0 | %100 |
| 101 | MP1C | Χ | 2.563 | 2.563 | 0 | %100 |
| 102 | MP1C | Z | -1.48 | -1.48 | 0 | %100 |
| 103 | 01 | Χ | 2.053 | 2.053 | 0 | %100 |
| 104 | 01 | Z | -1.185 | -1.185 | 0 | %100 |
| 105 | O2 | X | 2.053 | 2.053 | 0 | %100 |
| 106 | 02 | Z | -1.185 | -1.185 | 0 | %100 %100 |
| 107 | M104 | X | .726 | .726 | 0 | %100 |
| | 111101 | | | | | /0100 |

: Mount Analysis

Aug 11, 2021 10:30 AM Checked By:_

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

| | Member Label | Direction | Start Magnitude[lb/ft, | .End Magnitude[lb/ft,F | . Start Location[ft,%] | End Location[ft,%] |
|-----|--------------|-----------|------------------------|------------------------|------------------------|--------------------|
| 108 | M104 | Z | 419 | 419 | 0 | %100 |
| 109 | M105 | X | 2.903 | 2.903 | 0 | %100 |
| 110 | M105 | Z | -1.676 | -1.676 | 0 | %100 |
| 111 | M106 | X | .726 | .726 | 0 | %100 |
| 112 | M106 | Z | 419 | 419 | 0 | %100 |
| 113 | M125 | X | 2.886 | 2.886 | 0 | %100 |
| 114 | M125 | Z | -1.666 | -1.666 | 0 | %100 |
| 115 | M126 | X | .721 | .721 | 0 | %100 |
| 116 | M126 | Z | 417 | 417 | 0 | %100 |
| 117 | M127 | Χ | .721 | .721 | 0 | %100 |
| 118 | M127 | Z | 417 | 417 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft, | End Magnitude[lb/ft,F | . Start Location[ft,%] | End Location[ft,%] |
|----|--------------|-----------|------------------------|-----------------------|------------------------|--------------------|
| 1 | M1 | X | 0 | 0 | 0 | %100 |
| 2 | M1 | Z | 0 | 0 | 0 | %100 |
| 3 | M4 | X | 3.51 | 3.51 | 0 | %100 |
| 4 | M4 | Z | 0 | 0 | 0 | %100 |
| 5 | M10 | Χ | 0 | 0 | 0 | %100 |
| 6 | M10 | Z | 0 | 0 | 0 | %100 |
| 7 | M43 | Χ | 0 | 0 | 0 | %100 |
| 8 | M43 | Z | 0 | 0 | 0 | %100 |
| 9 | M46 | Χ | 0 | 0 | 0 | %100 |
| 10 | M46 | Z | 0 | 0 | 0 | %100 |
| 11 | M51B | X | 2.44 | 2.44 | 0 | %100 |
| 12 | M51B | Z | 0 | 0 | 0 | %100 |
| 13 | M52B | X | 2.44 | 2.44 | 0 | %100 |
| 14 | M52B | Z | 0 | 0 | 0 | %100 |
| 15 | M76 | X | 4.272 | 4.272 | 0 | %100 |
| 16 | M76 | Ζ | 0 | 0 | 0 | %100 |
| 17 | M77 | X | 3.249 | 3.249 | 0 | %100 |
| 18 | M77 | Z | 0 | 0 | 0 | %100 |
| 19 | M80 | X | 3.38 | 3.38 | 0 | %100 |
| 20 | M80 | Ζ | 0 | 0 | 0 | %100 |
| 21 | M84 | Χ | 4.272 | 4.272 | 0 | %100 |
| 22 | M84 | Ζ | 0 | 0 | 0 | %100 |
| 23 | M85 | X | 3.249 | 3.249 | 0 | %100 |
| 24 | M85 | Ζ | 0 | 0 | 0 | %100 |
| 25 | M91 | Χ | 3.38 | 3.38 | 0 | %100 |
| 26 | M91 | Z | 0 | 0 | 0 | %100 |
| 27 | M26 | Χ | 2.765 | 2.765 | 0 | %100 |
| 28 | M26 | Ζ | 0 | 0 | 0 | %100 |
| 29 | M27 | X | 2.765 | 2.765 | 0 | %100 |
| 30 | M27 | Ζ | 0 | 0 | 0 | %100 |
| 31 | M28 | X | .877 | .877 | 0 | %100 |
| 32 | M28 | Ζ | 0 | 0 | 0 | %100 |
| 33 | M29 | Χ | 2.151 | 2.151 | 0 | %100 |
| 34 | M29 | Z | 0 | 0 | 0 | %100 |
| 35 | M30 | Χ | 2.151 | 2.151 | 0 | %100 |
| 36 | M30 | Z | 0 | 0 | 0 | %100 |
| 37 | M31 | Χ | 3.233 | 3.233 | 0 | %100 |
| 38 | M31 | Z | 0 | 0 | 0 | %100 |
| 39 | M34 | Χ | 2.44 | 2.44 | 0 | %100 |
| 40 | M34 | Z | 0 | 0 | 0 | %100 |
| 41 | M35 | X | 0 | 0 | 0 | %100 |
| 42 | M35 | Z | 0 | 0 | 0 | %100 |
| | | | | | | |

Mount Analysis

Aug 11, 2021 10:30 AM Checked By:_

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

| Member Label | MICITI | Dei Distributeu Loc | ids (DEC 50 | . Ottactare Wi | (30 Deg)) (Oon | iiiucuj | |
|---|--------|---------------------|-------------|-----------------------|-----------------------|----------------------|--------------------|
| 43 | | Member Label | Direction | Start Magnitude[lb/ft | End Magnitude[lh/ft E | Start Location[ft %] | End Location[ft %] |
| M44 | 13 | | | | | | |
| 46 | | | 7 | | | - | |
| 46 | | | | | • | | |
| AT | | | | | | | |
| M84 | | | | | - | | |
| M94 | | | | 3.38 | 3.38 | | |
| SO | 48 | | | | | 0 | %100 |
| SO | 49 | M44 | Χ | 1.068 | 1.068 | 0 | %100 |
| ST | | | | | | | |
| S2 | | | | • | - | | |
| 53 M47 X 0 0 %100 54 M47 Z 0 0 0 %100 56 M52A X 877 877 0 %100 56 M52A Z 0 0 0 %100 57 M53 X 2.151 2.151 0 %100 58 M53 Z 0 0 0 %100 60 M54 X 2.151 2.151 0 %100 60 M54 Z 0 0 0 %100 62 M55 Z 0 0 0 %100 62 M55 Z 0 0 0 %100 64 M58A X 0 0 0 %100 64 M58A X 2.44 2.44 0 %100 66 M59A X 2.44 2.44 0 | | | | | | | |
| 54 M47 Z 0 0 %100 55 M52A X 877 0 %100 56 M52A Z 0 0 0 %100 57 M53 X 2.151 2.151 0 %100 58 M53 Z 0 0 0 %100 59 M54 X 2.151 2.151 0 %100 60 M54 Z 0 0 0 %100 61 M55 X 3.233 3.233 0 %100 62 M55 Z 0 0 0 %100 63 M58A X 0 0 0 %100 64 M58A X 0 0 0 %100 65 M59A X 2.44 2.44 0 %110 66 M59A X 1.068 1.068 0 %1 | | | | - | | | |
| S5 | | | 7 | i | | | |
| Section | | | | | | | |
| 57 MS3 X 2.151 2.151 0 %100 58 MS3 Z 0 0 0 %100 59 MS4 X 2.151 2.151 0 %100 60 MS4 Z 0 0 0 %100 61 MS5 X 3.233 3.233 0 %6100 62 MS5 Z 0 0 0 %6100 63 MS8A X 0 0 0 %6100 64 MS8A Z 0 0 0 %100 65 MS9A X 2.44 2.44 0 %100 66 M59A Z 0 0 0 %100 67 MS3 X 1.068 1.068 0 %100 67 MS3 X 1.068 1.068 0 %100 70 M64 X 0 | | | | | | | |
| 58 MS3 Z 0 0 0 %100 60 MS4 Z 0 0 0 %100 61 MS5 X 3,233 3,233 0 %100 62 MS5 Z 0 0 0 %100 63 MS8A X 0 0 0 %100 64 MS8A Z 0 0 0 %100 65 MS9A X 2,44 2,44 0 %100 66 MS9A Z 0 0 0 %100 67 M63 X 1,068 1,068 0 %100 68 M63 Z 0 0 0 %100 70 M64 X 0 0 0 %100 71 M66 X 0 0 0 %100 72 M66 Z 0 0 0 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> | | | | | | | |
| 59 MS4 X 2.151 2.151 0 %100 60 MS4 Z 0 0 0 %100 61 MS5 X 3.233 3.233 0 %100 62 MS5 Z 0 0 0 %6100 63 MS8A X 0 0 0 %6100 64 MS8A Z 0 0 0 %6100 65 MS9A X 2.44 2.44 0 %6100 66 MS9A Z 0 0 0 %6100 67 M63 X 1.068 1.068 0 %6100 67 M63 X 1.068 1.068 0 %6100 70 M64 X 0 0 0 %100 71 M66 X 0 0 0 %100 72 M66 Z 0 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td>%100</td></td<> | | | | | | | %100 |
| 60 M54 Z 0 0 96100 61 M55 X 3.233 3.233 0 96100 62 M55 Z 0 0 0 96100 63 M58A X 0 0 0 96100 64 M58A Z 0 0 0 96100 65 M59A X 2.44 2.44 0 96100 66 M59A Z 0 0 0 96100 67 M63 X 1.068 1.068 0 96100 68 M63 Z 0 0 0 96100 70 M64 X 0 0 0 96100 71 M66 X 0 0 0 96100 72 M66 Z 0 0 96100 96100 73 M68 X 1.068 1.068 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<> | | | | | | | |
| 61 M55 X 3.233 3.233 0 %100 62 M55 Z 0 0 0 %100 63 M58A X 0 0 0 %100 64 M58A Z 0 0 0 %100 65 M59A X 2.44 2.44 0 %100 66 M59A Z 0 0 0 %100 67 M63 X 1.068 1.068 0 %100 67 M63 Z 0 0 0 %100 69 M64 X 0 0 0 %100 70 M64 Z 0 0 0 %100 71 M66 X 0 0 0 %100 72 M66 Z 0 0 0 %100 74 M68 X 1.068 1.068 | 59 | M54 | X | 2.151 | 2.151 | 0 | %100 |
| 61 M55 X 3.233 3.233 0 %100 62 M55 Z 0 0 0 %100 63 M58A X 0 0 0 %100 64 M58A Z 0 0 0 %100 65 M59A X 2.44 0 %100 66 66 M59A Z 0 0 0 %100 67 67 M63 X 1.068 1.068 0 %100 69 %100 69 M64 X 0 0 0 %100 69 M64 X 0 0 0 %100 71 M66 X 0 0 0 %100 72 M66 X 0 0 0 %100 72 M66 Z 0 0 0 %100 74 M68 X 1.068 1.068 0 %100 74 | 60 | M54 | Z | 0 | 0 | 0 | %100 |
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| 63 M58A X 0 0 0 %100 64 M58A Z 0 0 0 %100 65 M59A X 2.44 2.44 0 %100 66 M59A Z 0 0 0 %100 67 M63 X 1.068 1.068 0 %100 68 M63 Z 0 0 0 %100 69 M64 X 0 0 0 %100 70 M64 Z 0 0 0 %100 71 M66 X 0 0 0 %100 72 M66 Z 0 0 0 %100 73 M68 X 1.068 1.068 0 %100 74 M68 Z 0 0 0 %100 75 M69 X 3.249 3.249 | | | | | | | |
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| 65 M59A X 2.44 2.44 0 %100 66 M59A Z 0 0 %100 67 M63 X 1.068 1.068 0 %100 68 M63 Z 0 0 0 %100 69 M64 X 0 0 0 %100 70 M64 Z 0 0 0 %100 71 M66 X 0 0 0 %100 72 M66 Z 0 0 0 %100 73 M68 X 1.068 1.068 0 %100 74 M68 Z 0 0 0 %100 75 M69 X 3.249 3.249 0 %100 76 M69 Z 0 0 0 %100 77 M71 X 3.38 3.38 0 | | | 7 | i | | | |
| 66 M59A Z 0 0 %100 67 M63 X 1.068 1.068 0 %100 68 M63 Z 0 0 0 %100 69 M64 X 0 0 0 %100 70 M64 Z 0 0 0 %100 71 M66 X 0 0 0 %100 72 M66 Z 0 0 0 %100 73 M68 X 1.068 1.068 0 %100 74 M68 Z 0 0 0 %100 75 M69 X 3.249 3.249 0 %100 76 M69 Z 0 0 0 %100 77 M71 X 3.38 3.38 0 %100 79 MP1A X 2.96 2.96 0 | | | | • | - | | |
| 67 M63 X 1.068 1.068 0 %100 68 M63 Z 0 0 0 %100 69 M64 X 0 0 0 %100 70 M64 Z 0 0 0 %100 71 M66 X 0 0 0 %100 72 M66 X 0 0 0 %100 73 M68 X 1.068 1.068 0 %100 74 M68 Z 0 0 0 %100 75 M69 X 3.249 3.249 0 %100 76 M69 Z 0 0 0 %100 77 M71 X 3.38 3.38 0 %100 79 MP1A X 2.96 2.96 0 %100 80 MP1A X 2.96 2.96 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> | | | | | | | |
| 68 M63 Z 0 0 %100 69 M64 X 0 0 0 %100 70 M64 Z 0 0 0 %100 71 M66 X 0 0 0 %100 72 M66 Z 0 0 0 %100 73 M68 X 1,068 1,068 0 %100 74 M68 Z 0 0 0 %100 75 M69 X 3,249 3,249 0 %100 75 M69 X 3,249 3,249 0 %100 77 M71 X 3,38 3,38 0 %100 78 M71 Z 0 0 0 %100 80 MP1A X 2,96 2,96 0 %100 81 MP4A X 2,96 2,96 0 <td></td> <td></td> <td></td> <td></td> <td>-</td> <td></td> <td></td> | | | | | - | | |
| 69 M64 X 0 0 0 %100 70 M64 Z 0 0 0 %100 71 M66 X 0 0 0 %100 72 M66 Z 0 0 0 %100 73 M68 X 1.068 1.068 0 %100 74 M68 Z 0 0 0 %100 75 M69 X 3.249 3.249 0 %100 76 M69 Z 0 0 0 %100 77 M71 X 3.38 3.38 0 %100 78 M71 Z 0 0 0 %100 79 MP1A X 2.96 2.96 0 %100 80 MP1A Z 0 0 0 %100 82 MP4A X 2.96 2.96 | | | | | | | |
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| 71 M66 X 0 0 0 %100 72 M66 Z 0 0 0 %100 73 M68 X 1.068 1.068 0 %100 74 M68 Z 0 0 0 %100 75 M69 X 3.249 3.249 0 %100 76 M69 Z 0 0 0 %100 76 M69 Z 0 0 0 %100 78 M71 X 3.38 3.38 0 %100 79 MP1A X 2.96 2.96 0 %100 80 MP1A X 2.96 2.96 0 %100 81 MP4A X 2.96 2.96 0 %100 82 MP4A Z 0 0 0 %100 83 MP3A X 3.228 <td< td=""><td></td><td></td><td></td><td>-</td><td></td><td></td><td></td></td<> | | | | - | | | |
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| 74 M68 Z 0 0 %100 75 M69 X 3.249 3.249 0 %100 76 M69 Z 0 0 0 %100 77 M71 X 3.38 3.38 0 %100 78 M71 Z 0 0 0 %100 79 MP1A X 2.96 2.96 0 %100 80 MP1A Z 0 0 0 %100 81 MP4A X 2.96 2.96 0 %100 82 MP4A Z 0 0 0 %100 83 MP3A X 3.228 3.228 0 %100 84 MP3A Z 2.96 2.96 0 %100 86 MP2A X 2.96 2.96 0 %100 87 MP4B X 2.96 2.96 | 72 | M66 | Z | 0 | 0 | 0 | %100 |
| 74 M68 Z 0 0 %100 75 M69 X 3.249 3.249 0 %100 76 M69 Z 0 0 0 %100 77 M71 X 3.38 3.38 0 %100 78 M71 Z 0 0 0 %100 79 MP1A X 2.96 2.96 0 %100 80 MP1A Z 0 0 0 %100 81 MP4A X 2.96 2.96 0 %100 82 MP4A Z 0 0 0 %100 83 MP3A X 3.228 3.228 0 %100 84 MP3A Z 2.96 2.96 0 %100 86 MP2A X 2.96 2.96 0 %100 87 MP4B X 2.96 2.96 | 73 | M68 | Х | 1.068 | 1.068 | 0 | %100 |
| 75 M69 X 3.249 3.249 0 %100 76 M69 Z 0 0 0 %100 77 M71 X 3.38 3.38 0 %100 78 M71 Z 0 0 0 %100 79 MP1A X 2.96 2.96 0 %100 80 MP1A Z 0 0 0 %100 81 MP4A X 2.96 2.96 0 %100 82 MP4A Z 0 0 0 %100 83 MP3A X 3.228 3.228 0 %100 84 MP3A Z 0 0 0 %100 85 MP2A X 2.96 2.96 0 %100 86 MP2A Z 0 0 0 %100 87 MP4B X 2.96 | | | 7 | | | | |
| 76 M69 Z 0 0 %100 77 M71 X 3.38 3.38 0 %100 78 M71 Z 0 0 0 %100 79 MP1A X 2.96 2.96 0 %100 80 MP1A Z 0 0 0 %100 81 MP4A X 2.96 2.96 0 %100 82 MP4A Z 0 0 0 %100 82 MP4A Z 0 0 0 %100 84 MP3A X 3.228 3.228 0 %100 85 MP2A X 2.96 2.96 0 %100 86 MP2A Z 0 0 0 %100 87 MP4B X 2.96 2.96 0 %100 89 MP1B X 2.96 2.96 | | | | - | • | | |
| 77 M71 X 3.38 3.38 0 %100 78 M71 Z 0 0 0 %100 79 MP1A X 2.96 2.96 0 %100 80 MP1A Z 0 0 0 %100 81 MP4A X 2.96 2.96 0 %100 82 MP4A Z 0 0 0 %100 83 MP3A X 3.228 3.228 0 %100 84 MP3A X 2.96 2.96 0 %100 85 MP2A X 2.96 2.96 0 %100 86 MP2A Z 0 0 0 %100 87 MP4B X 2.96 2.96 0 %100 89 MP1B X 2.96 2.96 0 %100 90 MP1B Z 0 | | | | | | | |
| 78 M71 Z 0 0 %100 79 MP1A X 2.96 2.96 0 %100 80 MP1A Z 0 0 0 %100 81 MP4A X 2.96 2.96 0 %100 82 MP4A Z 0 0 0 %100 82 MP4A Z 0 0 0 %100 83 MP3A X 3.228 3.228 0 %100 84 MP3A X 3.228 0 %100 %100 85 MP2A X 2.96 2.96 0 %100 86 MP2A Z 0 0 0 %100 87 MP4B X 2.96 2.96 0 %100 88 MP4B Z 0 0 0 %100 89 MP1B X 2.96 2.96 | | | | | • | | |
| 79 MP1A X 2.96 2.96 0 %100 80 MP1A Z 0 0 0 %100 81 MP4A X 2.96 2.96 0 %100 82 MP4A Z 0 0 0 %100 83 MP3A X 3.228 3.228 0 %100 84 MP3A Z 0 0 0 %100 85 MP2A X 2.96 2.96 0 %100 86 MP2A Z 0 0 0 %100 87 MP4B X 2.96 2.96 0 %100 88 MP4B Z 0 0 0 %100 89 MP1B X 2.96 2.96 0 %100 91 MP3B X 3.228 3.228 0 %100 92 MP3B Z 0 | | | | | | | |
| 80 MP1A Z 0 0 %100 81 MP4A X 2.96 2.96 0 %100 82 MP4A Z 0 0 0 %100 83 MP3A X 3.228 0 %100 84 MP3A Z 0 0 0 %100 85 MP2A X 2.96 2.96 0 %100 86 MP2A Z 0 0 0 %100 87 MP4B X 2.96 2.96 0 %100 88 MP4B Z 0 0 0 %100 89 MP1B X 2.96 2.96 0 %100 90 MP1B X 2.96 0 %100 91 MP3B X 3.228 3.228 0 %100 92 MP3B X 2.96 2.96 0 %100 | | | | - | - | | |
| 81 MP4A X 2.96 2.96 0 %100 82 MP4A Z 0 0 0 %100 83 MP3A X 3.228 3.228 0 %100 84 MP3A Z 0 0 0 %100 85 MP2A X 2.96 2.96 0 %100 86 MP2A Z 0 0 0 %100 87 MP4B X 2.96 2.96 0 %100 88 MP4B Z 0 0 0 %100 89 MP1B X 2.96 2.96 0 %100 90 MP1B X 2.96 2.96 0 %100 91 MP3B X 3.228 3.228 0 %100 93 MP2B X 2.96 2.96 0 %100 94 MP2B Z 0< | | | | | | | |
| 82 MP4A Z 0 0 %100 83 MP3A X 3.228 3.228 0 %100 84 MP3A Z 0 0 0 %100 85 MP2A X 2.96 2.96 0 %100 86 MP2A Z 0 0 0 %100 87 MP4B X 2.96 2.96 0 %100 88 MP4B Z 0 0 0 %100 89 MP1B X 2.96 2.96 0 %100 90 MP1B Z 0 0 %100 91 MP3B X 3.228 3.228 0 %100 92 MP3B Z 0 0 0 %100 94 MP2B X 2.96 2.96 0 %100 96 MP4C X 2.96 2.96 0 | | | | • | • | | |
| 83 MP3A X 3.228 3.228 0 %100 84 MP3A Z 0 0 %100 85 MP2A X 2.96 2.96 0 %100 86 MP2A Z 0 0 0 %100 87 MP4B X 2.96 2.96 0 %100 88 MP4B Z 0 0 %100 89 MP1B X 2.96 2.96 0 %100 90 MP1B Z 0 0 %100 91 MP3B X 3.228 3.228 0 %100 91 MP3B X 2.96 0 %100 %100 93 MP2B X 2.96 0 %100 %100 94 MP2B Z 0 0 %100 %100 96 MP4C X 2.96 2.96 0 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<> | | | | | | | |
| 84 MP3A Z 0 0 %100 85 MP2A X 2.96 2.96 0 %100 86 MP2A Z 0 0 0 %100 87 MP4B X 2.96 2.96 0 %100 88 MP4B Z 0 0 0 %100 89 MP1B X 2.96 2.96 0 %100 90 MP1B Z 0 0 0 %100 91 MP3B X 3.228 3.228 0 %100 92 MP3B X 2.96 2.96 0 %100 93 MP2B X 2.96 0 %100 94 MP2B Z 0 0 %100 95 MP4C X 2.96 0 %100 96 MP4C Z 0 0 %100 98 | | | | | | | |
| 85 MP2A X 2.96 2.96 0 %100 86 MP2A Z 0 0 0 %100 87 MP4B X 2.96 2.96 0 %100 88 MP4B Z 0 0 0 %100 89 MP1B X 2.96 2.96 0 %100 90 MP1B Z 0 0 0 %100 91 MP3B X 3.228 3.228 0 %100 92 MP3B Z 0 0 0 %100 93 MP2B X 2.96 2.96 0 %100 94 MP2B Z 0 0 %100 95 MP4C X 2.96 2.96 0 %100 96 MP4C Z 0 0 %100 97 MP3C X 3.228 3.228 0 | | | X | | 3.228 | | |
| 86 MP2A Z 0 0 %100 87 MP4B X 2.96 2.96 0 %100 88 MP4B Z 0 0 0 %100 89 MP1B X 2.96 2.96 0 %100 90 MP1B Z 0 0 %100 91 MP3B X 3.228 3.228 0 %100 92 MP3B Z 0 0 %100 93 MP2B X 2.96 2.96 0 %100 94 MP2B Z 0 0 %100 95 MP4C X 2.96 2.96 0 %100 96 MP4C Z 0 0 %100 97 MP3C X 3.228 3.228 0 %100 98 MP3C Z 0 0 %100 | | MP3A | | • | • | 0 | |
| 86 MP2A Z 0 0 %100 87 MP4B X 2.96 2.96 0 %100 88 MP4B Z 0 0 0 %100 89 MP1B X 2.96 2.96 0 %100 90 MP1B Z 0 0 %100 91 MP3B X 3.228 3.228 0 %100 92 MP3B Z 0 0 %100 93 MP2B X 2.96 2.96 0 %100 94 MP2B Z 0 0 %100 95 MP4C X 2.96 2.96 0 %100 96 MP4C Z 0 0 %100 97 MP3C X 3.228 3.228 0 %100 98 MP3C Z 0 0 %100 | 85 | MP2A | X | 2.96 | 2.96 | 0 | %100 |
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| 88 MP4B Z 0 0 %100 89 MP1B X 2.96 2.96 0 %100 90 MP1B Z 0 0 0 %100 91 MP3B X 3.228 3.228 0 %100 92 MP3B Z 0 0 0 %100 93 MP2B X 2.96 2.96 0 %100 94 MP2B Z 0 0 %100 95 MP4C X 2.96 2.96 0 %100 96 MP4C Z 0 0 %100 97 MP3C X 3.228 3.228 0 %100 98 MP3C Z 0 0 %100 | | | | - | - | | |
| 89 MP1B X 2.96 2.96 0 %100 90 MP1B Z 0 0 0 %100 91 MP3B X 3.228 3.228 0 %100 92 MP3B Z 0 0 0 %100 93 MP2B X 2.96 2.96 0 %100 94 MP2B Z 0 0 %100 95 MP4C X 2.96 2.96 0 %100 96 MP4C Z 0 0 %100 97 MP3C X 3.228 3.228 0 %100 98 MP3C Z 0 0 %100 | | | | | | | |
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| 91 MP3B X 3.228 3.228 0 %100 92 MP3B Z 0 0 0 %100 93 MP2B X 2.96 2.96 0 %100 94 MP2B Z 0 0 0 %100 95 MP4C X 2.96 2.96 0 %100 96 MP4C Z 0 0 %100 97 MP3C X 3.228 3.228 0 %100 98 MP3C Z 0 0 %100 | | | 7 | | | | |
| 92 MP3B Z 0 0 0 %100 93 MP2B X 2.96 2.96 0 %100 94 MP2B Z 0 0 0 %100 95 MP4C X 2.96 2.96 0 %100 96 MP4C Z 0 0 %100 97 MP3C X 3.228 3.228 0 %100 98 MP3C Z 0 0 %100 | | | | • | • | | |
| 93 MP2B X 2.96 2.96 0 %100 94 MP2B Z 0 0 0 %100 95 MP4C X 2.96 2.96 0 %100 96 MP4C Z 0 0 %100 97 MP3C X 3.228 3.228 0 %100 98 MP3C Z 0 0 %100 | | | | | | | |
| 94 MP2B Z 0 0 0 %100 95 MP4C X 2.96 2.96 0 %100 96 MP4C Z 0 0 0 %100 97 MP3C X 3.228 3.228 0 %100 98 MP3C Z 0 0 %100 | | | | - | - | | |
| 95 MP4C X 2.96 2.96 0 %100 96 MP4C Z 0 0 0 %100 97 MP3C X 3.228 3.228 0 %100 98 MP3C Z 0 0 %100 | | | X | | | | |
| 96 MP4C Z 0 0 %100 97 MP3C X 3.228 3.228 0 %100 98 MP3C Z 0 0 %100 | | | | • | • | | |
| 97 MP3C X 3.228 3.228 0 %100 98 MP3C Z 0 0 %100 | | | X | 2.96 | 2.96 | | |
| 98 MP3C Z 0 0 0 %100 | 96 | MP4C | | 0 | 0 | 0 | %100 |
| 98 MP3C Z 0 0 0 %100 | 97 | MP3C | X | 3.228 | 3.228 | 0 | %100 |
| | | | | | | | |
| | | | | | 2.96 | | |

Mount Analysis

Aug 11, 2021 10:30 AM Checked By:___

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

| | Member Label | Direction | Start Magnitude[lb/ft, | .End Magnitude[lb/ft,F | . Start Location[ft,%] | End Location[ft,%] |
|-----|--------------|-----------|------------------------|------------------------|------------------------|--------------------|
| 100 | MP2C | Z | 0 | 0 | 0 | %100 |
| 101 | MP1C | X | 2.96 | 2.96 | 0 | %100 |
| 102 | MP1C | Z | 0 | 0 | 0 | %100 |
| 103 | O1 | X | 2.371 | 2.371 | 0 | %100 |
| 104 | 01 | Z | 0 | 0 | 0 | %100 |
| 105 | O2 | X | 2.371 | 2.371 | 0 | %100 |
| 106 | O2 | Z | 0 | 0 | 0 | %100 |
| 107 | M104 | X | 0 | 0 | 0 | %100 |
| 108 | M104 | Z | 0 | 0 | 0 | %100 |
| 109 | M105 | X | 2.514 | 2.514 | 0 | %100 |
| 110 | M105 | Z | 0 | 0 | 0 | %100 |
| 111 | M106 | X | 2.514 | 2.514 | 0 | %100 |
| 112 | M106 | Z | 0 | 0 | 0 | %100 |
| 113 | M125 | X | 2.499 | 2.499 | 0 | %100 |
| 114 | M125 | Z | 0 | 0 | 0 | %100 |
| 115 | M126 | Χ | 2.499 | 2.499 | 0 | %100 |
| 116 | M126 | Z | 0 | 0 | 0 | %100 |
| 117 | M127 | X | 0 | 0 | 0 | %100 |
| 118 | M127 | Z | 0 | 0 | 0 | %100 |

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

| 2 M1 Z .461 .461 0 %100 3 M4 X 2.28 2.28 0 %100 4 M4 Z 1.316 1.316 0 %100 5 M10 X .621 .621 0 %100 6 M10 Z .358 .358 0 %100 7 M43 X .621 .621 0 %100 8 M43 Z .358 .358 0 %100 9 M46 X .933 .933 0 %100 10 M46 Z .539 .539 0 %100 11 M51B X .704 .704 0 %100 12 M51B X .704 .407 .407 0 %100 13 M52B X 2.818 2.818 0 %100 14 M52B | | Member Label | Direction | | End Magnitude[lb/ft,F | . Start Location[ft,%] | End Location[ft,%] |
|---|----|--------------|-----------|-------|-----------------------|------------------------|--------------------|
| 3 M4 X 2.28 2.28 0 %100 4 M4 Z 1.316 1.316 0 %100 5 M10 X .621 .621 0 %100 6 M10 Z .358 .358 0 %100 7 M43 X .621 .621 0 %100 8 M43 Z .358 .358 0 %100 9 M46 X .933 .933 0 %100 10 M46 Z .539 .539 0 %100 11 M51B X .704 .704 0 %100 12 M51B Z .407 .407 .407 0 %100 14 M52B X 2.818 2.818 0 %100 14 M52B Z 1.627 1.627 0 %100 15 M76 | | | | | | <u>-</u> | %100 |
| 4 M4 Z 1.316 1.316 0 %100 5 M10 X .621 .621 0 %100 6 M10 Z .358 .358 0 %100 7 M43 X .621 0 %100 8 M43 Z .358 .358 0 %100 9 M46 X .933 .933 0 %100 10 M46 Z .539 .539 0 %100 11 M51B X .704 .704 0 %100 12 M51B X .704 .704 0 %100 13 M52B X 2.818 2.818 0 %100 14 M52B X 2.818 2.818 0 %100 15 M76 X 2.775 0 %100 16 M76 X 2.775 0 | | | | | | | |
| 5 M10 X .621 .621 0 %100 6 M10 Z .358 .358 0 %100 7 M43 X .621 .621 0 %100 8 M43 Z .358 .358 0 %100 9 M46 X .933 .933 0 %100 10 M46 Z .539 .539 0 %100 11 M51B X .704 .704 0 %100 12 M51B Z .407 .407 0 %100 13 M52B X 2.818 2.818 0 %100 14 M52B Z 1.627 1.627 0 %100 15 M76 X 2.775 2.775 0 %100 16 M76 Z 1.602 1.602 0 %100 17 M77 X | | | | | | 0 | %100 |
| 6 M10 Z .358 .358 0 %100 7 M43 X .621 .621 0 %100 8 M43 Z .358 .358 0 %100 9 M46 X .933 .933 0 %100 10 M46 Z .539 .539 0 %100 11 M51B X .704 .704 0 %100 12 M51B Z .407 .407 0 %100 12 M51B Z .407 .407 0 %100 14 M52B X 2.818 0 %100 14 M52B Z 1.627 1.627 0 %100 15 M76 X 2.775 2.775 0 %100 16 M76 Z 1.602 1.602 0 %100 18 M77 Z .541 | | | | | | 0 | %100 |
| 7 M43 X .621 .621 0 %100 8 M43 Z .358 .358 0 %100 9 M46 X .933 .933 0 %100 10 M46 Z .539 0 %100 11 M51B X .704 .704 0 %100 12 M51B Z .407 .407 0 %100 13 M52B X 2.818 2.818 0 %100 14 M52B Z 1.627 1.627 0 %100 15 M76 X 2.775 2.775 0 %100 15 M76 X 2.775 2.775 0 %100 16 M76 Z 1.602 1.602 0 %100 17 M77 X .938 .938 0 %100 18 M777 Z .541< | | M10 | | | | 0 | %100 |
| 8 M43 Z .358 .358 0 %100 9 M46 X .933 .933 0 %100 10 M46 Z .539 .539 0 %100 11 M51B X .704 .704 0 %100 12 M51B Z .407 .407 0 %100 13 M52B X 2.818 2.818 0 %100 14 M52B Z 1.627 1.627 0 %100 15 M76 X 2.775 2.775 0 %100 16 M76 Z 1.602 1.602 0 %100 17 M77 X .938 .938 0 %100 18 M77 Z .541 .541 0 %100 20 M80 X .976 .976 0 %100 21 M84 X <td>6</td> <td>M10</td> <td>Z</td> <td>.358</td> <td>.358</td> <td>0</td> <td>%100</td> | 6 | M10 | Z | .358 | .358 | 0 | %100 |
| 9 M46 X .933 .933 0 %100 10 M46 Z .539 .539 0 %100 11 M51B X .704 .704 0 %100 12 M51B Z .407 .407 0 %100 13 M52B X 2.818 2.818 0 %100 14 M52B Z 1.627 0 %100 15 M76 X 2.775 2.775 0 %100 15 M76 X 2.775 2.775 0 %100 16 M76 Z 1.602 1.602 0 %100 17 M77 X .938 .938 0 %100 18 M77 Z .541 0 %100 20 M80 X .976 .976 0 %100 20 M80 Z .563 .563< | 7 | M43 | X | .621 | .621 | 0 | %100 |
| 10 M46 Z .539 .539 0 %100 11 M51B X .704 .704 0 %100 12 M51B Z .407 .407 0 %100 13 M52B X 2.818 2.818 0 %100 14 M52B Z 1.627 1.627 0 %100 15 M76 X 2.775 2.775 0 %100 16 M76 Z 1.602 1.602 0 %100 17 M77 X .938 .938 0 %100 18 M77 Z .541 .541 0 %100 18 M77 Z .541 .541 0 %100 20 M80 Z .563 .563 0 %100 21 M84 X 2.775 2.775 0 %100 22 M84 | 8 | M43 | Ζ | .358 | .358 | 0 | %100 |
| 11 M51B X .704 .704 0 %100 12 M51B Z .407 .407 0 %100 13 M52B X 2.818 2.818 0 %100 14 M52B Z 1.627 1.627 0 %100 15 M76 X 2.775 2.775 0 %100 16 M76 Z 1.602 1.602 0 %100 17 M77 X .938 .938 0 %100 18 M77 Z .541 .541 0 %100 19 M80 X .976 .976 0 %100 20 M80 Z .563 .563 0 %100 21 M84 X 2.775 2.775 0 %100 23 M84 Z 1.602 1.602 0 %100 24 M85 <t< td=""><td>9</td><td>M46</td><td>Χ</td><td>.933</td><td>.933</td><td>0</td><td>%100</td></t<> | 9 | M46 | Χ | .933 | .933 | 0 | %100 |
| 12 M51B Z .407 .407 0 %100 13 M52B X 2.818 2.818 0 %100 14 M52B Z 1.627 1.627 0 %100 15 M76 X 2.775 2.775 0 %100 16 M76 Z 1.602 1.602 0 %100 17 M77 X .938 .938 0 %100 18 M77 Z .541 .541 0 %100 19 M80 X .976 .976 0 %100 20 M80 Z .563 .563 0 %100 21 M84 X 2.775 2.775 0 %100 22 M84 Z 1.602 1.602 0 %100 23 M85 X 3.751 3.751 0 %100 24 M85 < | 10 | M46 | Z | .539 | .539 | 0 | %100 |
| 12 M51B Z .407 .407 0 %100 13 M52B X 2.818 2.818 0 %100 14 M52B Z 1.627 1.627 0 %100 15 M76 X 2.775 2.775 0 %100 16 M76 Z 1.602 1.602 0 %100 17 M77 X .938 .938 0 %100 18 M77 Z .541 .541 0 %100 19 M80 X .976 .976 0 %100 20 M80 Z .563 .563 0 %100 21 M84 X 2.775 2.775 0 %100 22 M84 Z 1.602 1.602 0 %100 23 M85 X 3.751 3.751 0 %100 24 M85 < | 11 | M51B | Х | .704 | .704 | 0 | %100 |
| 14 M52B Z 1.627 1.627 0 %100 15 M76 X 2.775 2.775 0 %100 16 M76 Z 1.602 1.602 0 %100 17 M77 X .938 .938 0 %100 18 M77 Z .541 .541 0 %100 19 M80 X .976 .976 0 %100 20 M80 Z .563 .563 0 %100 21 M84 X 2.775 2.775 0 %100 22 M84 Z 1.602 1.602 0 %100 23 M85 X 3.751 3.751 0 %100 24 M85 Z 2.166 0 %100 25 M91 X 3.903 0 %100 26 M91 Z 2.253 2 | 12 | M51B | | | | 0 | %100 |
| 15 M76 X 2.775 2.775 0 %100 16 M76 Z 1.602 1.602 0 %100 17 M77 X .938 .938 0 %100 18 M77 Z .541 .541 0 %100 19 M80 X .976 .976 0 %100 20 M80 Z .563 .563 0 %100 21 M84 X 2.775 2.775 0 %100 22 M84 Z 1.602 1.602 0 %100 23 M85 X 3.751 3.751 0 %100 24 M85 Z 2.166 2.166 0 %100 25 M91 X 3.903 3.903 0 %100 26 M91 Z 2.253 2.253 0 %100 28 M26 <t< td=""><td>13</td><td>M52B</td><td>Х</td><td>2.818</td><td>2.818</td><td>0</td><td>%100</td></t<> | 13 | M52B | Х | 2.818 | 2.818 | 0 | %100 |
| 15 M76 X 2.775 2.775 0 %100 16 M76 Z 1.602 1.602 0 %100 17 M77 X .938 .938 0 %100 18 M77 Z .541 .541 0 %100 19 M80 X .976 .976 0 %100 20 M80 Z .563 .563 0 %100 21 M84 X 2,775 2.775 0 %100 22 M84 Z 1.602 1.602 0 %100 23 M85 X 3.751 3.751 0 %100 24 M85 Z 2.166 2.166 0 %100 25 M91 X 3.903 3.903 0 %100 26 M91 Z 2.253 2.253 0 %100 28 M26 <t< td=""><td>14</td><td>M52B</td><td>Z</td><td>1.627</td><td>1.627</td><td>0</td><td>%100</td></t<> | 14 | M52B | Z | 1.627 | 1.627 | 0 | %100 |
| 16 M76 Z 1.602 1.602 0 %100 17 M77 X .938 .938 0 %100 18 M77 Z .541 .541 0 %100 19 M80 X .976 .976 0 %100 20 M80 Z .563 .563 0 %100 21 M84 X 2.775 2.775 0 %100 22 M84 Z 1.602 1.602 0 %100 23 M85 X 3.751 3.751 0 %100 24 M85 Z 2.166 2.166 0 %100 25 M91 X 3.903 3.903 0 %100 26 M91 Z 2.253 2.253 0 %100 28 M26 X .798 .798 0 %100 29 M27 | | | Х | | | 0 | %100 |
| 17 M77 X .938 .938 0 %100 18 M77 Z .541 .541 0 %100 19 M80 X .976 .976 0 %100 20 M80 Z .563 .563 0 %100 21 M84 X 2.775 2.775 0 %100 22 M84 Z 1.602 1.602 0 %100 23 M85 X 3.751 3.751 0 %100 24 M85 Z 2.166 2.166 0 %100 25 M91 X 3.903 3.903 0 %100 26 M91 Z 2.253 2.253 0 %100 27 M26 X .798 .798 0 %100 28 M26 Z .461 .461 0 %100 29 M27 X 3.193 3.193 0 %100 30 M27 Z < | 16 | | | | | 0 | %100 |
| 18 M77 Z .541 .541 0 %100 19 M80 X .976 .976 0 %100 20 M80 Z .563 .563 0 %100 21 M84 X 2.775 2.775 0 %100 22 M84 Z 1.602 1.602 0 %100 23 M85 X 3.751 3.751 0 %100 24 M85 Z 2.166 2.166 0 %100 25 M91 X 3.903 3.903 0 %100 26 M91 Z 2.253 2.253 0 %100 27 M26 X .798 .798 0 %100 28 M26 Z .461 .461 0 %100 29 M27 X 3.193 3.193 0 %100 30 M27 | | | Х | | | 0 | %100 |
| 19 M80 X .976 .976 0 %100 20 M80 Z .563 .563 0 %100 21 M84 X 2.775 2.775 0 %100 22 M84 Z 1.602 1.602 0 %100 23 M85 X 3.751 3.751 0 %100 24 M85 Z 2.166 2.166 0 %100 25 M91 X 3.903 3.903 0 %100 26 M91 Z 2.253 2.253 0 %100 27 M26 X .798 .798 0 %100 28 M26 Z .461 .461 0 %100 29 M27 X 3.193 3.193 0 %100 30 M27 Z 1.844 1.844 0 %100 31 M28 X 2.28 2.28 0 %100 | | | Z | | | | %100 |
| 20 M80 Z .563 .563 0 %100 21 M84 X 2.775 2.775 0 %100 22 M84 Z 1.602 1.602 0 %100 23 M85 X 3.751 3.751 0 %100 24 M85 Z 2.166 2.166 0 %100 25 M91 X 3.903 3.903 0 %100 26 M91 Z 2.253 2.253 0 %100 27 M26 X .798 .798 0 %100 28 M26 Z .461 .461 0 %100 29 M27 X 3.193 3.193 0 %100 30 M27 Z 1.844 1.844 0 %100 31 M28 X 2.28 2.28 0 %100 | | | Х | | | | %100 |
| 22 M84 Z 1.602 1.602 0 %100 23 M85 X 3.751 3.751 0 %100 24 M85 Z 2.166 2.166 0 %100 25 M91 X 3.903 3.903 0 %100 26 M91 Z 2.253 2.253 0 %100 27 M26 X .798 .798 0 %100 28 M26 Z .461 .461 0 %100 29 M27 X 3.193 3.193 0 %100 30 M27 Z 1.844 1.844 0 %100 31 M28 X 2.28 2.28 0 %100 | | | | | | | %100 |
| 22 M84 Z 1.602 1.602 0 %100 23 M85 X 3.751 3.751 0 %100 24 M85 Z 2.166 2.166 0 %100 25 M91 X 3.903 3.903 0 %100 26 M91 Z 2.253 2.253 0 %100 27 M26 X .798 .798 0 %100 28 M26 Z .461 .461 0 %100 29 M27 X 3.193 3.193 0 %100 30 M27 Z 1.844 1.844 0 %100 31 M28 X 2.28 2.28 0 %100 | 21 | M84 | Х | 2.775 | 2.775 | 0 | %100 |
| 23 M85 X 3.751 3.751 0 %100 24 M85 Z 2.166 2.166 0 %100 25 M91 X 3.903 3.903 0 %100 26 M91 Z 2.253 2.253 0 %100 27 M26 X .798 .798 0 %100 28 M26 Z .461 .461 0 %100 29 M27 X 3.193 3.193 0 %100 30 M27 Z 1.844 1.844 0 %100 31 M28 X 2.28 2.28 0 %100 | 22 | M84 | | | | 0 | %100 |
| 24 M85 Z 2.166 2.166 0 %100 25 M91 X 3.903 3.903 0 %100 26 M91 Z 2.253 2.253 0 %100 27 M26 X .798 .798 0 %100 28 M26 Z .461 .461 0 %100 29 M27 X 3.193 3.193 0 %100 30 M27 Z 1.844 1.844 0 %100 31 M28 X 2.28 2.28 0 %100 | 23 | M85 | Х | 3.751 | 3.751 | 0 | %100 |
| 25 M91 X 3.903 3.903 0 %100 26 M91 Z 2.253 2.253 0 %100 27 M26 X .798 .798 0 %100 28 M26 Z .461 .461 0 %100 29 M27 X 3.193 3.193 0 %100 30 M27 Z 1.844 1.844 0 %100 31 M28 X 2.28 2.28 0 %100 | | | | | | | %100 |
| 26 M91 Z 2.253 2.253 0 %100 27 M26 X .798 .798 0 %100 28 M26 Z .461 .461 0 %100 29 M27 X 3.193 3.193 0 %100 30 M27 Z 1.844 1.844 0 %100 31 M28 X 2.28 2.28 0 %100 | | | Х | | | 0 | %100 |
| 27 M26 X .798 .798 0 %100 28 M26 Z .461 .461 0 %100 29 M27 X 3.193 3.193 0 %100 30 M27 Z 1.844 1.844 0 %100 31 M28 X 2.28 2.28 0 %100 | 26 | M91 | Z | | 2.253 | 0 | %100 |
| 28 M26 Z .461 .461 0 %100 29 M27 X 3.193 3.193 0 %100 30 M27 Z 1.844 1.844 0 %100 31 M28 X 2.28 2.28 0 %100 | | | Х | | | 0 | %100 |
| 29 M27 X 3.193 3.193 0 %100 30 M27 Z 1.844 1.844 0 %100 31 M28 X 2.28 2.28 0 %100 | | | | | | | %100 |
| 30 M27 Z 1.844 1.844 0 %100 31 M28 X 2.28 2.28 0 %100 | | | X | | | | %100 |
| 31 M28 X 2.28 2.28 0 %100 | | | Z | | | | %100 |
| | | | | | | | %100 |
| 32 M28 Z 1.316 1.316 0 %100 | | | Z | | | | %100 |
| | | | | | | | %100 |
| | | | | | | | %100 |

Mount Analysis

Aug 11, 2021 10:30 AM Checked By:___

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

| | Member Label | Direction | | End Magnitude[lb/ft,F | Start Location[ft,%] | End Location[ft,%] |
|----|--------------|-----------|---------------|-----------------------|----------------------|--------------------|
| 35 | M30 | X | .621 | .621 | 0 | %100 |
| 36 | M30 | Z | .358 | .358 | 0 | %100 |
| 37 | M31 | X | .933 | .933 | 0 | %100 |
| 38 | M31 | Z | .539 | .539 | 0 | %100 |
| 39 | M34 | X | 2.818 | 2.818 | 0 | %100 |
| 40 | M34 | Z | 1.627 | 1.627 | 0 | %100 |
| 41 | M35 | X | .704 | .704 | 0 | %100 |
| 42 | M35 | Z | .407 | .407 | 0 | %100 |
| 43 | M39 | X | 2.775 | 2.775 | 0 | %100 |
| 44 | M39 | Z | 1.602 | 1.602 | 0 | %100 |
| 45 | M40 | X | 3.751 | 3.751 | 0 | %100 |
| 46 | M40 | Z | 2.166 | 2.166 | 0 | %100 |
| 47 | M42 | X | 3.903 | 3.903 | 0 | %100 |
| 48 | M42 | Z | 2.253 | 2.253 | 0 | %100 |
| 49 | M44 | X | 2.775 | 2.775 | 0 | %100 |
| 50 | M44 | Z | 1.602 | 1.602 | 0 | %100 |
| 51 | M45 | X | .938 | .938 | 0 | %100 |
| 52 | M45 | Z | .541 | .541 | 0 | %100 |
| 53 | M47 | X | .976 | .976 | 0 | %100 |
| 54 | M47 | Z | .563 | .563 | 0 | %100 |
| 55 | M52A | X | 0 | 0 | 0 | %100 |
| 56 | M52A | Z | 0 | 0 | 0 | %100 |
| 57 | M53 | X | 2.483 | 2.483 | 0 | %100 |
| 58 | M53 | Z | 1.434 | 1.434 | 0 | %100 |
| 59 | M54 | X | 2.483 | 2.483 | 0 | %100 |
| 60 | M54 | Z | 1.434 | 1.434 | 0 | %100 |
| 61 | M55 | X | 3.733 | 3.733 | 0 | %100 |
| 62 | M55 | Z | 2.155 | 2.155 | 0 | %100 |
| 63 | M58A | X | .704 | .704 | 0 | %100 |
| 64 | M58A | Z | .407 | .407 | 0 | %100 |
| 65 | M59A | X | .704 | .704 | 0 | %100 |
| 66 | <u>M59A</u> | Z | .407 | .407 | 0 | %100 |
| 67 | M63 | X | 0 | 0 | 0 | %100 |
| 68 | M63 | Z | 0 | 0 | 0 | %100 |
| 69 | M64 | X | .938 | .938 | 0 | %100 |
| 70 | M64 | Z | .541 | .541 | 0 | %100 |
| 71 | <u>M66</u> | X | .976 | .976 | 0 | %100 |
| 72 | M66 | Z | .563 | .563 | 0 | %100 |
| 73 | M68 | X | 0 | 0 | 0 | %100 |
| 74 | M68 | Z | 0 | 0 | 0 | %100 %400 |
| 75 | M69 | X | .938 | .938 | 0 | %100 %400 |
| 76 | M69 | Z | .541 | .541 | 0 | %100 %400 |
| 77 | M71 | X | .976 | .976 | 0 | %100 %400 |
| 78 | M71 | Z | .563 | .563 | 0 | %100 %100 |
| 79 | MP1A | X | 2.563 | 2.563 | 0 | %100 %100 |
| 80 | MP1A | Z | 1.48 | 1.48 | 0 | %100 %100 |
| 81 | MP4A | X | 2.563 | 2.563 | 0 | %100 %100 |
| 82 | MP4A | Z | 1.48 | 1.48 | 0 | %100 %100 |
| 83 | MP3A | X Z | 2.796 | 2.796 | 0 | %100 %100 |
| 84 | MP3A | | 1.614 | 1.614 | | %100 %100 |
| 85 | MP2A | X | 2.563 | 2.563 | 0 | %100 %100 |
| 86 | MP2A MD4B | Z | 1.48 | 1.48 | 0 | %100 %100 |
| 87 | MP4B | X Z | 2.563 | 2.563 | 0 | %100 %100 |
| 88 | MP4B | X | 1.48 | 1.48 2.563 | | %100 %100 |
| 89 | MP1B MP1B | Z | 2.563 1.48 | 1.48 | 0 | %100 %100 |
| 90 | | | | | | |
| 91 | MP3B | X | 2.796 | 2.796 | 0 | %100 |

Mount Analysis

Aug 11, 2021 10:30 AM Checked By:_

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

| | Member Label | Direction | Start Magnitude[lb/ft, | .End Magnitude[lb/ft,F | . Start Location[ft,%] | End Location[ft,%] |
|-----|--------------|-----------|------------------------|------------------------|------------------------|--------------------|
| 92 | MP3B | Z | 1.614 | 1.614 | 0 | %100 |
| 93 | MP2B | Х | 2.563 | 2.563 | 0 | %100 |
| 94 | MP2B | Z | 1.48 | 1.48 | 0 | %100 |
| 95 | MP4C | X | 2.563 | 2.563 | 0 | %100 |
| 96 | MP4C | Z | 1.48 | 1.48 | 0 | %100 |
| 97 | MP3C | X | 2.796 | 2.796 | 0 | %100 |
| 98 | MP3C | Z | 1.614 | 1.614 | 0 | %100 |
| 99 | MP2C | X | 2.563 | 2.563 | 0 | %100 |
| 100 | MP2C | Z | 1.48 | 1.48 | 0 | %100 |
| 101 | MP1C | X | 2.563 | 2.563 | 0 | %100 |
| 102 | MP1C | Z | 1.48 | 1.48 | 0 | %100 |
| 103 | 01 | X | 2.053 | 2.053 | 0 | %100 |
| 104 | 01 | Z | 1.185 | 1.185 | 0 | %100 |
| 105 | O2 | X | 2.053 | 2.053 | 0 | %100 |
| 106 | O2 | Z | 1.185 | 1.185 | 0 | %100 |
| 107 | M104 | X | .726 | .726 | 0 | %100 |
| 108 | M104 | Z | .419 | .419 | 0 | %100 |
| 109 | M105 | X | .726 | .726 | 0 | %100 |
| 110 | M105 | Z | .419 | .419 | 0 | %100 |
| 111 | M106 | X | 2.903 | 2.903 | 0 | %100 |
| 112 | M106 | Z | 1.676 | 1.676 | 0 | %100 |
| 113 | M125 | X | .721 | .721 | 0 | %100 |
| 114 | M125 | Z | .417 | .417 | 0 | %100 |
| 115 | M126 | X | 2.886 | 2.886 | 0 | %100 |
| 116 | M126 | Z | 1.666 | 1.666 | 0 | %100 |
| 117 | M127 | X | .721 | .721 | 0 | %100 |
| 118 | M127 | Z | .417 | .417 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft, | .End Magnitude[lb/ft,F | . Start Location[ft,%] | End Location[ft,%] |
|----|--------------|-----------|------------------------|------------------------|------------------------|--------------------|
| 1 | M1 | X | 1.383 | 1.383 | 0 | %100 |
| 2 | M1 | Z | 2.395 | 2.395 | 0 | %100 |
| 3 | M4 | X | .439 | .439 | 0 | %100 |
| 4 | M4 | Z | .76 | .76 | 0 | %100 |
| 5 | M10 | X | 1.075 | 1.075 | 0 | %100 |
| 6 | M10 | Z | 1.863 | 1.863 | 0 | %100 |
| 7 | M43 | X | 1.075 | 1.075 | 0 | %100 |
| 8 | M43 | Z | 1.863 | 1.863 | 0 | %100 |
| 9 | M46 | X | 1.617 | 1.617 | 0 | %100 |
| 10 | M46 | Z | 2.8 | 2.8 | 0 | %100 |
| 11 | M51B | X | 0 | 0 | 0 | %100 |
| 12 | M51B | Z | 0 | 0 | 0 | %100 |
| 13 | M52B | X | 1.22 | 1.22 | 0 | %100 |
| 14 | M52B | Z | 2.113 | 2.113 | 0 | %100 |
| 15 | M76 | X | .534 | .534 | 0 | %100 |
| 16 | M76 | Z | .925 | .925 | 0 | %100 |
| 17 | M77 | X | 0 | 0 | 0 | %100 |
| 18 | M77 | Z | 0 | 0 | 0 | %100 |
| 19 | M80 | X | 0 | 0 | 0 | %100 |
| 20 | M80 | Z | 0 | 0 | 0 | %100 |
| 21 | M84 | X | .534 | .534 | 0 | %100 |
| 22 | M84 | Z | .925 | .925 | 0 | %100 |
| 23 | M85 | X | 1.624 | 1.624 | 0 | %100 |
| 24 | M85 | Z | 2.813 | 2.813 | 0 | %100 |
| 25 | M91 | Χ | 1.69 | 1.69 | 0 | %100 |
| 26 | M91 | Z | 2.927 | 2.927 | 0 | %100 |

Mount Analysis

Aug 11, 2021 10:30 AM Checked By:_

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

| | Member Label | Direction | Start Magnitude[lb/ft, | End Magnitude[lb/ft,F | Start Location[ft,%] | End Location[ft,%] |
|----------|--------------|-----------|------------------------|-----------------------|----------------------|--------------------|
| 27 | M26 | X | 0 | 0 | 0 | %100 |
| 28 | M26 | Z | 0 | 0 | 0 | %100 |
| 29 | M27 | X | 1.383 | 1.383 | 0 | %100 |
| 30 | M27 | Z | 2.395 | 2.395 | 0 | %100 |
| 31 | M28 | X | 1.755 | 1.755 | 0 | %100 |
| 32 | M28 | Z | 3.039 | 3.039 | 0 | %100 |
| 33 | M29 | X | 0 | 0 | 0 | %100 |
| 34 | M29 | Z | 0 | 0 | 0 | %100 |
| 35 | M30 | X | 0 | 0 | 0 | %100 |
| 36 | M30 | Z | 0 | 0 | 0 | %100 |
| 37 | M31 | X | 0 | 0 | 0 | %100 |
| 38 | M31 | Z | 0 | 0 | 0 | %100 |
| 39 | M34 | X | 1.22 | 1.22 | 0 | %100 |
| 40 | M34 | Z | 2.113 | 2.113 | 0 | %100 |
| 41 | M35 | X | 1.22 | 1.22 | 0 | %100 |
| 42 | M35 | Z | 2.113 | 2.113 | 0 | %100 |
| 43 | M39 | X | 2.136 | 2.136 | 0 | %100 |
| 44 | M39 | Z | 3.7 | 3.7 | 0 | %100 |
| 45 | M40 | X | 1.624 | 1.624 | 0 | %100 |
| 46 | M40 | Z | 2.813 | 2.813 | 0 | %100 |
| 47 | M42 | X | 1.69 | 1.69 | 0 | %100 |
| 48 | M42 | Z | 2.927 | 2.927 | 0 | %100 |
| 49 | M44 | X | 2.136 | 2.136 | 0 | %100 |
| 50 | M44 | Z | 3.7 | 3.7 | 0 | %100 |
| 51 | M45 | X | 1.624 | 1.624 | 0 | %100 |
| 52 | M45 | Z | 2.813 | 2.813 | 0 | %100 |
| 53 | M47 | X | 1.69 | 1.69 | 0 | %100 |
| 54 | M47 | Z | 2.927 | 2.927 | 0 | %100 |
| 55 | M52A | X | .439 | .439 | 0 | %100 |
| 56 | M52A | Z | .76 | .76 | 0 | %100 |
| 57 | M53 | X | 1.075 | 1.075 | 0 | %100 |
| 58 | <u>M53</u> | Z | 1.863 | 1.863 | 0 | %100 |
| 59 | <u>M54</u> | X | 1.075 | 1.075 | 0 | %100 |
| 60 | <u>M54</u> | Z | 1.863 | 1.863 | 0 | %100 |
| 61 | <u>M55</u> | X | 1.617 | 1.617 | 0 | %100 |
| 62 | M55 | Z | 2.8 | 2.8 | 0 | %100 |
| 63 | M58A | X | 1.22 | 1.22 | 0 | %100 |
| 64 | M58A | Z | 2.113 | 2.113 | 0 | %100 |
| 65 | M59A | X | 0 | 0 | 0 | %100 |
| 66 | M59A | Z | 0 | 0 | 0 | %100 |
| 67 | M63 | X | .534 | .534 | 0 | %100 |
| 68 | M63 | Z | .925 | .925 | 0 | %100 |
| 69 | M64 | X | 1.624 | 1.624 | 0 | %100 %400 |
| 70 | M64 | Z | 2.813 | 2.813 | 0 | %100 %400 |
| 71 | M66 | X | 1.69 | 1.69 | 0 | %100 %400 |
| 72 | M66 | Z | 2.927 | 2.927 | 0 | %100 %400 |
| 73 | M68 | X | .534 | .534 | 0 | %100 |
| 74 | M68 | Z | .925 | .925 | 0 | %100 %400 |
| 75 | M69 | X Z | 0 | 0 | 0 | %100 %400 |
| 76 | M69 | | 0 | 0 | 0 | %100 %100 |
| 77 | M71 | X | 0 | 0 | 0 | %100 %400 |
| 78 | M71 | Z | 0 | 1.49 | 0 | %100 %100 |
| 79 80 | MP1A MP1A | X Z | 1.48 2.563 | 1.48 2.563 | 0 | %100 %100 |
| | MP1A MP4A | X | | | | %100 %100 |
| 81 | MP4A MP4A | Z | 1.48 2.563 | 1.48 2.563 | 0 | %100 %100 |
| | | | | | | |
| 83 | MP3A | X | 1.614 | 1.614 | 0 | %100 |

Mount Analysis

Aug 11, 2021 10:30 AM Checked By:__

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

| | Member Label | Direction | Start Magnitude[lb/ft, | .End Magnitude[lb/ft,F | . Start Location[ft,%] | End Location[ft,%] |
|-----|--------------|-----------|------------------------|------------------------|------------------------|--------------------|
| 84 | MP3A | Z | 2.796 | 2.796 | 0 | %100 |
| 85 | MP2A | X | 1.48 | 1.48 | 0 | %100 |
| 86 | MP2A | Z | 2.563 | 2.563 | 0 | %100 |
| 87 | MP4B | X | 1.48 | 1.48 | 0 | %100 |
| 88 | MP4B | Z | 2.563 | 2.563 | 0 | %100 |
| 89 | MP1B | X | 1.48 | 1.48 | 0 | %100 |
| 90 | MP1B | Z | 2.563 | 2.563 | 0 | %100 |
| 91 | MP3B | Х | 1.614 | 1.614 | 0 | %100 |
| 92 | MP3B | Z | 2.796 | 2.796 | 0 | %100 |
| 93 | MP2B | X | 1.48 | 1.48 | 0 | %100 |
| 94 | MP2B | Z | 2.563 | 2.563 | 0 | %100 |
| 95 | MP4C | Х | 1.48 | 1.48 | 0 | %100 |
| 96 | MP4C | Z | 2.563 | 2.563 | 0 | %100 |
| 97 | MP3C | X | 1.614 | 1.614 | 0 | %100 |
| 98 | MP3C | Z | 2.796 | 2.796 | 0 | %100 |
| 99 | MP2C | Х | 1.48 | 1.48 | 0 | %100 |
| 100 | MP2C | Z | 2.563 | 2.563 | 0 | %100 |
| 101 | MP1C | Х | 1.48 | 1.48 | 0 | %100 |
| 102 | MP1C | Z | 2.563 | 2.563 | 0 | %100 |
| 103 | O1 | X | 1.185 | 1.185 | 0 | %100 |
| 104 | 01 | Z | 2.053 | 2.053 | 0 | %100 |
| 105 | O2 | X | 1.185 | 1.185 | 0 | %100 |
| 106 | O2 | Z | 2.053 | 2.053 | 0 | %100 |
| 107 | M104 | X | 1.257 | 1.257 | 0 | %100 |
| 108 | M104 | Z | 2.177 | 2.177 | 0 | %100 |
| 109 | M105 | Х | 0 | 0 | 0 | %100 |
| 110 | M105 | Z | 0 | 0 | 0 | %100 |
| 111 | M106 | Х | 1.257 | 1.257 | 0 | %100 |
| 112 | M106 | Z | 2.177 | 2.177 | 0 | %100 |
| 113 | M125 | X | 0 | 0 | 0 | %100 |
| 114 | M125 | Z | 0 | 0 | 0 | %100 |
| 115 | M126 | X | 1.25 | 1.25 | 0 | %100 |
| 116 | M126 | Z | 2.164 | 2.164 | 0 | %100 |
| 117 | M127 | Х | 1.25 | 1.25 | 0 | %100 |
| 118 | M127 | Z | 2.164 | 2.164 | 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 | 3.687 | 3.687 | 0 | %100 |
| 3 | M4 | X | 0 | 0 | 0 | %100 |
| 4 | M4 | Z | 0 | 0 | 0 | %100 |
| 5 | M10 | X | 0 | 0 | 0 | %100 |
| 6 | M10 | Z | 2.868 | 2.868 | 0 | %100 |
| 7 | M43 | X | 0 | 0 | 0 | %100 |
| 8 | M43 | Z | 2.868 | 2.868 | 0 | %100 |
| 9 | M46 | X | 0 | 0 | 0 | %100 |
| 10 | M46 | Z | 4.311 | 4.311 | 0 | %100 |
| 11 | M51B | X | 0 | 0 | 0 | %100 |
| 12 | M51B | Z | .813 | .813 | 0 | %100 |
| 13 | M52B | X | 0 | 0 | 0 | %100 |
| 14 | M52B | Z | .813 | .813 | 0 | %100 |
| 15 | M76 | X | 0 | 0 | 0 | %100 |
| 16 | M76 | Z | 0 | 0 | 0 | %100 |
| 17 | M77 | X | 0 | 0 | 0 | %100 |
| 18 | M77 | Z | 1.083 | 1.083 | 0 | %100 |

Mount Analysis

Aug 11, 2021 10:30 AM Checked By:_

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

| | Member Label | | • | End Magnitude[lb/ft,F | Start Location[ft,%] | End Location[ft,%] |
|----|--------------|---|-------|-----------------------|----------------------|--------------------|
| 19 | M80 | X | 0 | 0 | 0 | %100 |
| 20 | M80 | Z | 1.127 | 1.127 | 0 | %100 |
| 21 | M84 | X | 0 | 0 | 0 | %100 |
| 22 | M84 | Z | 0 | 0 | 0 | %100 |
| 23 | M85 | X | 0 | 0 | 0 | %100 |
| 24 | M85 | Z | 1.083 | 1.083 | 0 | %100 |
| 25 | M91 | X | 0 | 0 | 0 | %100 |
| 26 | M91 | Z | 1.127 | 1.127 | 0 | %100 |
| 27 | M26 | Χ | 0 | 0 | 0 | %100 |
| 28 | M26 | Z | .922 | .922 | 0 | %100 |
| 29 | M27 | X | 0 | 0 | 0 | %100 |
| 30 | M27 | Z | .922 | .922 | 0 | %100 |
| 31 | M28 | X | 0 | 0 | 0 | %100 |
| 32 | M28 | Z | 2.632 | 2.632 | 0 | %100 |
| 33 | M29 | X | 0 | 0 | 0 | %100 |
| 34 | M29 | Z | .717 | .717 | 0 | %100 %100 |
| 35 | M30 | X | 0 | 0 | 0 | %100 %100 |
| 36 | M30 | Z | .717 | .717 | 0 | %100 %100 |
| 37 | M31 | X | 0 | 0 | 0 | %100 %100 |
| | | | | | | |
| 38 | M31 | Z | 1.078 | 1.078 | 0 | %100 |
| 39 | M34 | X | 0 | 0 | 0 | %100 |
| 40 | M34 | Z | .813 | .813 | 0 | %100 |
| 41 | M35 | X | 0 | 0 | 0 | %100 |
| 42 | M35 | Z | 3.254 | 3.254 | 0 | %100 |
| 43 | M39 | X | 0 | 0 | 0 | %100 |
| 44 | M39 | Z | 3.204 | 3.204 | 0 | %100 |
| 45 | M40 | X | 0 | 0 | 0 | %100 |
| 46 | M40 | Z | 1.083 | 1.083 | 0 | %100 |
| 47 | M42 | X | 0 | 0 | 0 | %100 |
| 48 | M42 | Z | 1.127 | 1.127 | 0 | %100 |
| 49 | M44 | X | 0 | 0 | 0 | %100 |
| 50 | M44 | Z | 3.204 | 3.204 | 0 | %100 |
| 51 | M45 | X | 0 | 0 | 0 | %100 |
| 52 | M45 | Z | 4.331 | 4.331 | 0 | %100 |
| 53 | M47 | X | 0 | 0 | 0 | %100 |
| 54 | M47 | Z | 4.506 | 4.506 | 0 | %100 |
| 55 | M52A | Χ | 0 | 0 | 0 | %100 |
| 56 | M52A | Z | 2.632 | 2.632 | 0 | %100 |
| 57 | M53 | X | 0 | 0 | 0 | %100 |
| 58 | M53 | Z | .717 | .717 | 0 | %100 |
| 59 | M54 | X | 0 | 0 | 0 | %100 |
| 60 | M54 | Z | .717 | .717 | 0 | %100 %100 |
| 61 | M55 | X | 0 | 0 | 0 | %100 |
| 62 | M55 | Z | 1.078 | 1.078 | 0 | %100 %100 |
| 63 | M58A | X | 0 | 0 | 0 | %100 %100 |
| 64 | M58A | Z | 3.254 | 3.254 | 0 | %100 %100 |
| 65 | M59A | X | 0 | 0 | 0 | %100 %100 |
| 66 | M59A | Z | .813 | .813 | 0 | %100 %100 |
| 67 | M63 | X | 0 | .013 | 0 | %100 %100 |
| 68 | M63 | Z | 3.204 | 3.204 | 0 | %100 %100 |
| | | X | | | | %100 %100 |
| 69 | M64 | Z | 0 | 0 | 0 | |
| 70 | M64 | | 4.331 | 4.331 | 0 | %100 %400 |
| 71 | M66 | X | 0 | 0 | 0 | %100 %400 |
| 72 | M66 | Z | 4.506 | 4.506 | 0 | %100 |
| 73 | M68 | X | 0 | 0 | 0 | %100 |
| 74 | M68 | Z | 3.204 | 3.204 | 0 | %100 |
| 75 | M69 | X | 0 | 0 | 0 | %100 |

: Mount Analysis

Aug 11, 2021 10:30 AM Checked By:__

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

| | Member Label | Direction | Start Magnitude[lb/ft,. | End Magnitude[lb/ft,F | . Start Location[ft,%] | End Location[ft,%] |
|-----|--------------|-----------|-------------------------|-----------------------|------------------------|--------------------|
| 76 | M69 | Z | 1.083 | 1.083 | 0 | %100 |
| 77 | M71 | X | 0 | 0 | 0 | %100 |
| 78 | M71 | Z | 1.127 | 1.127 | 0 | %100 |
| 79 | MP1A | X | 0 | 0 | 0 | %100 |
| 80 | MP1A | Z | 2.96 | 2.96 | 0 | %100 |
| 81 | MP4A | Х | 0 | 0 | 0 | %100 |
| 82 | MP4A | Z | 2.96 | 2.96 | 0 | %100 |
| 83 | MP3A | Х | 0 | 0 | 0 | %100 |
| 84 | MP3A | Z | 3.228 | 3.228 | 0 | %100 |
| 85 | MP2A | Х | 0 | 0 | 0 | %100 |
| 86 | MP2A | Z | 2.96 | 2.96 | 0 | %100 |
| 87 | MP4B | X | 0 | 0 | 0 | %100 |
| 88 | MP4B | Z | 2.96 | 2.96 | 0 | %100 |
| 89 | MP1B | X | 0 | 0 | 0 | %100 |
| 90 | MP1B | Z | 2.96 | 2.96 | 0 | %100 |
| 91 | MP3B | X | 0 | 0 | 0 | %100 |
| 92 | MP3B | Z | 3.228 | 3.228 | 0 | %100 |
| 93 | MP2B | X | 0 | 0 | 0 | %100 |
| 94 | MP2B | Z | 2.96 | 2.96 | 0 | %100 |
| 95 | MP4C | X | 0 | 0 | 0 | %100 |
| 96 | MP4C | Z | 2.96 | 2.96 | 0 | %100 |
| 97 | MP3C | X | 0 | 0 | 0 | %100 |
| 98 | MP3C | Z | 3.228 | 3.228 | 0 | %100 |
| 99 | MP2C | X | 0 | 0 | 0 | %100 |
| 100 | MP2C | Z | 2.96 | 2.96 | 0 | %100 |
| 101 | MP1C | X | 0 | 0 | 0 | %100 |
| 102 | MP1C | Z | 2.96 | 2.96 | 0 | %100 |
| 103 | 01 | X | 0 | 0 | 0 | %100 |
| 104 | 01 | Z | 2.371 | 2.371 | 0 | %100 |
| 105 | 02 | X | 0 | 0 | 0 | %100 |
| 106 | 02 | Z | 2.371 | 2.371 | 0 | %100 |
| 107 | M104 | X | 0 | 0 | 0 | %100 |
| 108 | M104 | Z | 3.352 | 3.352 | 0 | %100 |
| 109 | M105 | X | 0 | 0 | 0 | %100 |
| 110 | M105 | Z | .838 | .838 | 0 | %100 |
| 111 | M106 | X | 0 | 0 | 0 | %100 |
| 112 | M106 | Z | .838 | .838 | 0 | %100 |
| 113 | M125 | X | 0 | 0 | 0 | %100 |
| 114 | M125 | Z | .833 | .833 | 0 | %100 |
| 115 | M126 | X | 0 | 0 | 0 | %100 |
| 116 | M126 | Z | .833 | .833 | 0 | %100 |
| 117 | M127 | X | 0 | 0 | 0 | %100 |
| 118 | M127 | Z | 3.332 | 3.332 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft, | .End Magnitude[lb/ft,F | . Start Location[ft,%] | End Location[ft,%] |
|----|--------------|-----------|------------------------|------------------------|------------------------|--------------------|
| 1 | M1 | X | -1.383 | -1.383 | 0 | %100 |
| 2 | M1 | Z | 2.395 | 2.395 | 0 | %100 |
| 3 | M4 | X | 439 | 439 | 0 | %100 |
| 4 | M4 | Z | .76 | .76 | 0 | %100 |
| 5 | M10 | X | -1.075 | -1.075 | 0 | %100 |
| 6 | M10 | Z | 1.863 | 1.863 | 0 | %100 |
| 7 | M43 | X | -1.075 | -1.075 | 0 | %100 |
| 8 | M43 | Z | 1.863 | 1.863 | 0 | %100 |
| 9 | M46 | X | -1.617 | -1.617 | 0 | %100 |
| 10 | M46 | Z | 2.8 | 2.8 | 0 | %100 |

Mount Analysis

Aug 11, 2021 10:30 AM Checked By:_

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

| | Member Label | Direction | | End Magnitude[lb/ft,F | Start Location[ft,%] | End Location[ft,%] |
|----|--------------|-----------|--------|-----------------------|----------------------|--------------------|
| 11 | M51B | X | -1.22 | -1.22 | 0 | %100 |
| 12 | M51B | Z | 2.113 | 2.113 | 0 | %100 |
| 13 | M52B | X | 0 | 0 | 0 | %100 |
| 14 | M52B | Z | 0 | 0 | 0 | %100 |
| 15 | M76 | X | 534 | 534 | 0 | %100 |
| 16 | M76 | Z | .925 | .925 | 0 | %100 |
| 17 | M77 | X | -1.624 | -1.624 | 0 | %100 |
| 18 | M77 | Z | 2.813 | 2.813 | 0 | %100 |
| 19 | M80 | X | -1.69 | -1.69 | 0 | %100 |
| 20 | M80 | Z | 2.927 | 2.927 | 0 | %100 |
| 21 | M84 | X | 534 | 534 | 0 | %100 |
| 22 | M84 | Z | .925 | .925 | 0 | %100 |
| 23 | M85 | X | 0 | 0 | 0 | %100 |
| 24 | M85 | Z | 0 | 0 | 0 | %100 |
| 25 | M91 | X | 0 | 0 | 0 | %100 |
| 26 | M91 | Z | 0 | 0 | 0 | %100 |
| 27 | M26 | X | -1.383 | -1.383 | 0 | %100 |
| 28 | M26 | Z | 2.395 | 2.395 | 0 | %100 |
| 29 | M27 | X | 0 | 0 | 0 | %100 |
| 30 | M27 | Z | 0 | 0 | 0 | %100 |
| 31 | M28 | X | 439 | 439 | 0 | %100 |
| 32 | M28 | Z | .76 | .76 | 0 | %100 |
| 33 | M29 | X | -1.075 | -1.075 | 0 | %100 |
| 34 | M29 | Z | 1.863 | 1.863 | 0 | %100 |
| 35 | M30 | X | -1.075 | -1.075 | 0 | %100 |
| 36 | M30 | Z | 1.863 | 1.863 | 0 | %100 |
| 37 | M31 | X | -1.617 | -1.617 | 0 | %100 |
| 38 | M31 | Z | 2.8 | 2.8 | 0 | %100 |
| 39 | M34 | X | 0 | 0 | 0 | %100 |
| 40 | M34 | Z | 0 | 0 | 0 | %100 |
| 41 | M35 | X | -1.22 | -1.22 | 0 | %100 |
| 42 | M35 | Z | 2.113 | 2.113 | 0 | %100 |
| 43 | M39 | X | 534 | 534 | 0 | %100 |
| 44 | M39 | Z | .925 | .925 | 0 | %100 |
| 45 | M40 | X | 0 | 0 | 0 | %100 |
| 46 | M40 | Z | 0 | 0 | 0 | %100 |
| 47 | M42 | X | 0 | 0 | 0 | %100 |
| 48 | M42 | Z | 0 | 0 | 0 | %100 |
| 49 | M44 | X | 534 | 534 | 0 | %100 |
| 50 | M44 | Z | .925 | .925 | 0 | %100 |
| 51 | M45 | X | -1.624 | -1.624 | 0 | %100 |
| 52 | M45 | Z | 2.813 | 2.813 | 0 | %100 |
| 53 | M47 | X | -1.69 | -1.69 | 0 | %100 |
| 54 | M47 | Z | 2.927 | 2.927 | 0 | %100 |
| 55 | M52A | X | -1.755 | -1.755 | 0 | %100 |
| 56 | M52A | Z | 3.039 | 3.039 | 0 | %100 |
| 57 | M53 | X | 0 | 0 | 0 | %100 |
| 58 | M53 | Z | 0 | 0 | 0 | %100 |
| 59 | M54 | X | 0 | 0 | 0 | %100 |
| 60 | M54 | Z | 0 | 0 | 0 | %100 |
| 61 | <u>M55</u> | X | 0 | 0 | 0 | %100 |
| 62 | <u>M55</u> | Z | 0 | 0 | 0 | %100 |
| 63 | M58A | X | -1.22 | -1.22 | 0 | %100 |
| 64 | M58A | Z | 2.113 | 2.113 | 0 | %100 |
| 65 | M59A | X | -1.22 | -1.22 | 0 | %100 |
| 66 | M59A | Z | 2.113 | 2.113 | 0 | %100 |
| 67 | M63 | X | -2.136 | -2.136 | 0 | %100 |

: Mount Analysis

Aug 11, 2021 10:30 AM Checked By:___

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

| | Member Label | Direction | Start Magnitude[lb/ft, | .End Magnitude[lb/ft,F | . Start Location[ft,%] | End Location[ft,%] |
|-----|--------------|-----------|------------------------|------------------------|------------------------|--------------------|
| 68 | M63 | Ζ | 3.7 | 3.7 | 0 | %100 |
| 69 | M64 | X | -1.624 | -1.624 | 0 | %100 |
| 70 | M64 | Z | 2.813 | 2.813 | 0 | %100 |
| 71 | M66 | X | -1.69 | -1.69 | 0 | %100 |
| 72 | M66 | Z | 2.927 | 2.927 | 0 | %100 |
| 73 | M68 | Χ | -2.136 | -2.136 | 0 | %100 |
| 74 | M68 | Z | 3.7 | 3.7 | 0 | %100 |
| 75 | M69 | Х | -1.624 | -1.624 | 0 | %100 |
| 76 | M69 | Z | 2.813 | 2.813 | 0 | %100 |
| 77 | M71 | Χ | -1.69 | -1.69 | 0 | %100 |
| 78 | M71 | Z | 2.927 | 2.927 | 0 | %100 |
| 79 | MP1A | X | -1.48 | -1.48 | 0 | %100 |
| 80 | MP1A | Z | 2.563 | 2.563 | 0 | %100 |
| 81 | MP4A | X | -1.48 | -1.48 | 0 | %100 |
| 82 | MP4A | Z | 2.563 | 2.563 | 0 | %100 |
| 83 | MP3A | X | -1.614 | -1.614 | 0 | %100 |
| 84 | MP3A | Z | 2.796 | 2.796 | 0 | %100 |
| 85 | MP2A | X | -1.48 | -1.48 | 0 | %100 |
| 86 | MP2A | Ž | 2.563 | 2.563 | 0 | %100 |
| 87 | MP4B | X | -1.48 | -1.48 | 0 | %100 |
| 88 | MP4B | Z | 2.563 | 2.563 | 0 | %100 |
| 89 | MP1B | X | -1.48 | -1.48 | 0 | %100 |
| 90 | MP1B | Z | 2.563 | 2.563 | 0 | %100 |
| 91 | MP3B | X | -1.614 | -1.614 | 0 | %100 |
| 92 | MP3B | Z | 2.796 | 2.796 | 0 | %100 |
| 93 | MP2B | X | -1.48 | -1.48 | 0 | %100 |
| 94 | MP2B | Z | 2.563 | 2.563 | 0 | %100 |
| 95 | MP4C | X | -1.48 | -1.48 | 0 | %100 |
| 96 | MP4C | Ž | 2.563 | 2.563 | 0 | %100 |
| 97 | MP3C | X | -1.614 | -1.614 | 0 | %100 |
| 98 | MP3C | Z | 2.796 | 2.796 | 0 | %100 |
| 99 | MP2C | X | -1.48 | -1.48 | 0 | %100 |
| 100 | MP2C | Z | 2.563 | 2.563 | 0 | %100 |
| 101 | MP1C | X | -1.48 | -1.48 | 0 | %100 |
| 102 | MP1C | Z | 2.563 | 2.563 | 0 | %100 |
| 103 | 01 | X | -1.185 | -1.185 | 0 | %100 |
| 104 | 01 | Z | 2.053 | 2.053 | 0 | %100 |
| 105 | 02 | X | -1.185 | -1.185 | 0 | %100 |
| 106 | 02 | Z | 2.053 | 2.053 | 0 | %100 |
| 107 | M104 | X | -1.257 | -1.257 | 0 | %100 |
| 108 | M104 | Z | 2.177 | 2.177 | 0 | %100 |
| 109 | M105 | X | -1.257 | -1.257 | 0 | %100 |
| 110 | M105 | Z | 2.177 | 2.177 | 0 | %100 |
| 111 | M106 | X | 0 | 0 | 0 | %100 |
| 112 | M106 | Z | 0 | 0 | 0 | %100 |
| 113 | M125 | X | -1.25 | -1.25 | 0 | %100 |
| 114 | M125 | Z | 2.164 | 2.164 | 0 | %100 |
| 115 | M126 | X | 0 | 0 | 0 | %100 |
| 116 | M126 | Z | 0 | 0 | 0 | %100 |
| 117 | M127 | Х | -1.25 | -1.25 | 0 | %100 |
| 118 | M127 | Z | 2.164 | 2.164 | 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 | 798 | 798 | 0 | %100 |
| | 2 | M1 | Z | .461 | .461 | 0 | %100 |

Mount Analysis

Aug 11, 2021 10:30 AM Checked By:___

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

| | Member Label | Direction | | End Magnitude[lb/ft,F | . Start Location[ft,%] | End Location[ft,%] |
|----|--------------|-----------|--------|-----------------------|------------------------|--------------------|
| 3 | M4 | X | -2.28 | -2.28 | 0 | %100 |
| 4 | M4 | Z | 1.316 | 1.316 | 0 | %100 |
| 5 | M10 | X | 621 | 621 | 0 | %100 |
| 6 | M10 | Z | .358 | .358 | 0 | %100 |
| 7 | M43 | X | 621 | 621 | 0 | %100 |
| 8 | M43 | Z | .358 | .358 | 0 | %100 |
| 9 | M46 | X | 933 | 933 | 0 | %100 |
| 10 | M46 | Z | .539 | .539 | 0 | %100 |
| 11 | M51B | X | -2.818 | -2.818 | 0 | %100 |
| 12 | M51B | Z | 1.627 | 1.627 | 0 | %100 |
| 13 | M52B | X | 704 | 704 | 0 | %100 |
| 14 | M52B | Z | .407 | .407 | 0 | %100 |
| 15 | M76 | X | -2.775 | -2.775 | 0 | %100 |
| 16 | M76 | Z | 1.602 | 1.602 | 0 | %100 |
| 17 | M77 | X | -3.751 | -3.751 | 0 | %100 |
| 18 | M77 | Z | 2.166 | 2.166 | 0 | %100 |
| 19 | M80 | X | -3.903 | -3.903 | 0 | %100 |
| 20 | M80 | Z | 2.253 | 2.253 | 0 | %100 |
| 21 | M84 | X | -2.775 | -2.775 | 0 | %100 |
| 22 | M84 | Z | 1.602 | 1.602 | 0 | %100 |
| 23 | M85 | X | 938 | 938 | 0 | %100 |
| 24 | M85 | Z | .541 | .541 | 0 | %100 |
| 25 | M91 | X | 976 | 976 | 0 | %100 |
| 26 | M91 | Z | .563 | .563 | 0 | %100 |
| 27 | M26 | X | -3.193 | -3.193 | 0 | %100 |
| 28 | M26 | Z | 1.844 | 1.844 | 0 | %100 |
| 29 | M27 | X | 798 | 798 | 0 | %100 |
| 30 | M27 | Z | .461 | .461 | 0 | %100 |
| 31 | M28 | X | 0 | 0 | 0 | %100 |
| 32 | M28 | Z | 0 | 0 | 0 | %100 |
| 33 | M29 | X | -2.483 | -2.483 | 0 | %100 |
| 34 | M29 | Z | 1.434 | 1.434 | 0 | %100 |
| 35 | M30 | X | -2.483 | -2.483 | 0 | %100 |
| 36 | M30 | Z | 1.434 | 1.434 | 0 | %100 |
| 37 | M31 | X | -3.733 | -3.733 | 0 | %100 |
| 38 | M31 | Z | 2.155 | 2.155 | 0 | %100 |
| 39 | M34 | X | 704 | 704 | 0 | %100 |
| 40 | M34 | Z | .407 | .407 | 0 | %100 |
| 41 | M35 | X | 704 | 704 | 0 | %100 |
| 42 | M35 | Z | .407 | .407 | 0 | %100 |
| 43 | M39 | X | 0 | 0 | 0 | %100 |
| 44 | <u>M39</u> | Z | 0 | 0 | 0 | %100 |
| 45 | M40 | X | 938 | 938 | 0 | %100 |
| 46 | M40 | Z | .541 | .541 | 0 | %100 |
| 47 | M42 | X | 976 | 976 | 0 | %100 |
| 48 | M42 | Z | .563 | .563 | 0 | %100 |
| 49 | M44 | X | 0 | 0 | 0 | %100 |
| 50 | M44 | Z | 0 | 0 | 0 | %100 |
| 51 | M45 | X | 938 | 938 | 0 | %100 |
| 52 | M45 | Z | .541 | .541 | 0 | %100 |
| 53 | M47 | X | 976 | 976 | 0 | %100 |
| 54 | M47 | Z | .563 | .563 | 0 | %100 |
| 55 | M52A | X | -2.28 | -2.28 | 0 | %100 |
| 56 | M52A | Z | 1.316 | 1.316 | 0 | %100 |
| 57 | M53 | X | 621 | 621 | 0 | %100 |
| 58 | M53 | Z | .358 | .358 | 0 | %100 |
| 59 | M54 | X | 621 | 621 | 0 | %100 |

Mount Analysis

Aug 11, 2021 10:30 AM Checked By:_

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

| | Member Label | Direction | | End Magnitude[lb/ft,F | | End Location[ft,%] |
|-----|--------------|-----------|--------|-----------------------|---|--------------------|
| 60 | <u>M54</u> | Z | .358 | .358 | 0 | %100 |
| 61 | <u>M55</u> | X | 933 | 933 | 0 | %100 |
| 62 | M55 | Z | .539 | .539 | 0 | %100 |
| 63 | M58A | X | 704 | 704 | 0 | %100 |
| 64 | M58A | Z | .407 | .407 | 0 | %100 |
| 65 | M59A | X | -2.818 | -2.818 | 0 | %100 |
| 66 | M59A | Z | 1.627 | 1.627 | 0 | %100 |
| 67 | M63 | X | -2.775 | -2.775 | 0 | %100 |
| 68 | M63 | Z | 1.602 | 1.602 | 0 | %100 |
| 69 | M64 | X | 938 | 938 | 0 | %100 |
| 70 | M64 | Z | .541 | .541 | 0 | %100 |
| 71 | M66 | X | 976 | 976 | 0 | %100 |
| 72 | M66 | Z | .563 | .563 | 0 | %100 |
| 73 | M68 | X | -2.775 | -2.775 | 0 | %100 |
| 74 | M68 | Z | 1.602 | 1.602 | 0 | %100 |
| 75 | M69 | X | -3.751 | -3.751 | 0 | %100 |
| 76 | M69 | Z | 2.166 | 2.166 | 0 | %100 |
| 77 | <u>M71</u> | X | -3.903 | -3.903 | 0 | %100 |
| 78 | M71 | Z | 2.253 | 2.253 | 0 | %100 |
| 79 | MP1A | X | -2.563 | -2.563 | 0 | %100 |
| 80 | MP1A | Z | 1.48 | 1.48 | 0 | %100 |
| 81 | MP4A | X | -2.563 | -2.563 | 0 | %100 |
| 82 | MP4A | Z | 1.48 | 1.48 | 0 | %100 |
| 83 | MP3A | X | -2.796 | -2.796 | 0 | %100 |
| 84 | MP3A | Z | 1.614 | 1.614 | 0 | %100 |
| 85 | MP2A | X | -2.563 | -2.563 | 0 | %100 |
| 86 | MP2A | Z | 1.48 | 1.48 | 0 | %100 |
| 87 | MP4B | X | -2.563 | -2.563 | 0 | %100 |
| 88 | MP4B | Z | 1.48 | 1.48 | 0 | %100 |
| 89 | MP1B | X | -2.563 | -2.563 | 0 | %100 |
| 90 | MP1B | Z | 1.48 | 1.48 | 0 | %100 |
| 91 | MP3B | X | -2.796 | -2.796 | 0 | %100 |
| 92 | MP3B | Z | 1.614 | 1.614 | 0 | %100 |
| 93 | MP2B | X | -2.563 | -2.563 | 0 | %100 |
| 94 | MP2B | Z | 1.48 | 1.48 | 0 | %100 |
| 95 | MP4C | X | -2.563 | -2.563 | 0 | %100 |
| 96 | MP4C | Z | 1.48 | 1.48 | 0 | %100 |
| 97 | MP3C | X | -2.796 | -2.796 | 0 | %100 |
| 98 | MP3C | Z | 1.614 | 1.614 | 0 | %100 |
| 99 | MP2C | X | -2.563 | -2.563 | 0 | %100 |
| 100 | MP2C | Z | 1.48 | 1.48 | 0 | %100 |
| 101 | MP1C | X | -2.563 | -2.563 | 0 | %100 |
| 102 | MP1C | Z | 1.48 | 1.48 | 0 | %100 |
| 103 | <u>O1</u> | X | -2.053 | -2.053 | 0 | %100 |
| 104 | 01 | Z | 1.185 | 1.185 | 0 | %100 |
| 105 | O2 | X | -2.053 | -2.053 | 0 | %100 |
| 106 | 02 | Z | 1.185 | 1.185 | 0 | %100 |
| 107 | M104 | X | 726 | 726 | 0 | %100 |
| 108 | M104 | Z | .419 | .419 | 0 | %100 |
| 109 | M105 | X | -2.903 | -2.903 | 0 | %100 |
| 110 | M105 | Z | 1.676 | 1.676 | 0 | %100 |
| 111 | M106 | X | 726 | 726 | 0 | %100 |
| 112 | M106 | Z | .419 | .419 | 0 | %100 |
| 113 | M125 | X | -2.886 | -2.886 | 0 | %100 |
| 114 | M125 | Z | 1.666 | 1.666 | 0 | %100 |
| 115 | M126 | X | 721 | 721 | 0 | %100 |
| 116 | M126 | Z | .417 | .417 | 0 | %100 |

: Mount Analysis

Aug 11, 2021 10:30 AM Checked By:__

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

| | | Member Label | Direction | Start Magnitude[lb/ft, | End Magnitude[lb/ft,F | . Start Location[ft,%] | End Location[ft,%] |
|----|----|--------------|-----------|------------------------|-----------------------|------------------------|--------------------|
| 11 | 17 | M127 | X | 721 | 721 | 0 | %100 |
| 11 | 18 | M127 | Z | .417 | .417 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft,. | End Magnitude[lb/ft,F | . Start Location[ft,%] | End Location[ft,%] |
|----|--------------|-----------|-------------------------|-----------------------|------------------------|--------------------|
| 1 | M1 | X | 0 | 0 | 0 | %100 |
| 2 | M1 | Z | 0 | 0 | 0 | %100 |
| 3 | M4 | X | -3.51 | -3.51 | 0 | %100 |
| 4 | M4 | Z | 0 | 0 | 0 | %100 |
| 5 | M10 | X | 0 | 0 | 0 | %100 |
| 6 | M10 | Ζ | 0 | 0 | 0 | %100 |
| 7 | M43 | Х | 0 | 0 | 0 | %100 |
| 8 | M43 | Z | 0 | 0 | 0 | %100 |
| 9 | M46 | Χ | 0 | 0 | 0 | %100 |
| 10 | M46 | Z | 0 | 0 | 0 | %100 |
| 11 | M51B | Χ | -2.44 | -2.44 | 0 | %100 |
| 12 | M51B | Z | 0 | 0 | 0 | %100 |
| 13 | M52B | Х | -2.44 | -2.44 | 0 | %100 |
| 14 | M52B | Z | 0 | 0 | 0 | %100 |
| 15 | M76 | X | -4.272 | -4.272 | 0 | %100 |
| 16 | M76 | Ζ | 0 | 0 | 0 | %100 |
| 17 | M77 | X | -3.249 | -3.249 | 0 | %100 |
| 18 | M77 | Z | 0 | 0 | 0 | %100 |
| 19 | M80 | Χ | -3.38 | -3.38 | 0 | %100 |
| 20 | M80 | Z | 0 | 0 | 0 | %100 |
| 21 | M84 | X | -4.272 | -4.272 | 0 | %100 |
| 22 | M84 | Z | 0 | 0 | 0 | %100 |
| 23 | M85 | X | -3.249 | -3.249 | 0 | %100 |
| 24 | M85 | Z | 0 | 0 | 0 | %100 |
| 25 | M91 | X | -3.38 | -3.38 | 0 | %100 |
| 26 | M91 | Ζ | 0 | 0 | 0 | %100 |
| 27 | M26 | X | -2.765 | -2.765 | 0 | %100 |
| 28 | M26 | Z | 0 | 0 | 0 | %100 |
| 29 | M27 | X | -2.765 | -2.765 | 0 | %100 |
| 30 | M27 | Ζ | 0 | 0 | 0 | %100 |
| 31 | M28 | X | 877 | 877 | 0 | %100 |
| 32 | M28 | Z | 0 | 0 | 0 | %100 |
| 33 | M29 | X | -2.151 | -2.151 | 0 | %100 |
| 34 | M29 | Z | 0 | 0 | 0 | %100 |
| 35 | M30 | X | -2.151 | -2.151 | 0 | %100 |
| 36 | M30 | Z | 0 | 0 | 0 | %100 |
| 37 | M31 | X | -3.233 | -3.233 | 0 | %100 |
| 38 | M31 | Z | 0 | 0 | 0 | %100 |
| 39 | M34 | Χ | -2.44 | -2.44 | 0 | %100 |
| 40 | M34 | Z | 0 | 0 | 0 | %100 |
| 41 | M35 | X | 0 | 0 | 0 | %100 |
| 42 | M35 | Z | 0 | 0 | 0 | %100 |
| 43 | M39 | Χ | -1.068 | -1.068 | 0 | %100 |
| 44 | M39 | Z | 0 | 0 | 0 | %100 |
| 45 | M40 | X | -3.249 | -3.249 | 0 | %100 |
| 46 | M40 | Z | 0 | 0 | 0 | %100 |
| 47 | M42 | X | -3.38 | -3.38 | 0 | %100 |
| 48 | M42 | Z | 0 | 0 | 0 | %100 |
| 49 | M44 | Χ | -1.068 | -1.068 | 0 | %100 |
| 50 | M44 | Z | 0 | 0 | 0 | %100 |
| 51 | M45 | X | 0 | 0 | 0 | %100 |

Mount Analysis

Aug 11, 2021 10:30 AM Checked By:_

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

| S2 | | Member Label | Direction | Start Magnitude[lb/ft, | End Magnitude[lb/ft,F | . Start Location[ft,%] | End Location[ft,%] |
|--|----|--------------|-----------|------------------------|-----------------------|------------------------|--------------------|
| S4 | 52 | M45 | | 0 | 0 | 0 | %100 |
| 55 | 53 | | X | 0 | | 0 | %100 |
| Section Sect | 54 | M47 | | 0 | 0 | 0 | %100 |
| SF | 55 | M52A | X | 877 | 877 | 0 | %100 |
| SF | 56 | M52A | Z | 0 | 0 | 0 | %100 |
| See | | M53 | Х | -2.151 | -2.151 | 0 | %100 |
| S9 | | | | | | 0 | %100 |
| 60 M54 Z 0 0 0 %100 62 M55 Z 0 0 0 %100 62 M55 Z 0 0 0 %100 64 M58A X 0 0 0 %100 65 M59A X -2.44 -2.44 0 %100 66 M59A Z 0 0 0 %100 67 M63 X -1.068 -1.068 0 %100 68 M63 Z 0 0 0 %100 69 M64 X 0 0 0 %100 71 M66 X 0 0 0 %100 71 M66 X 0 0 0 %100 72 M66 X 0 0 0 %100 72 M66 X 0 0 0 | | | X | -2.151 | -2.151 | 0 | |
| 61 M55 X -3,233 -3,233 0 %100 62 M55 Z 0 0 0 %100 63 M58A X 0 0 0 %100 64 M58A Z 0 0 0 %100 65 M59A X -2,444 -2,444 0 %1100 66 M59A Z 0 0 0 %1100 67 M63 X -1,068 1,068 0 %1100 68 M63 Z 0 0 0 %1100 70 M64 X 0 0 0 %1100 70 M64 Z 0 0 0 %1100 72 M66 Z 0 0 0 %1100 72 M66 Z 0 0 0 %1100 75 M69 X -3,249 -3 | | | Z | | | | |
| 62 M55 Z 0 0 0 %100 64 M58A X 0 0 0 %100 65 M59A X -2.44 -2.44 0 %100 66 M59A X -2.44 -2.44 0 %100 66 M63 X -1.068 -1.068 0 %100 67 M63 X -1.068 -1.068 0 %100 69 M64 X 0 0 0 %100 70 M64 X 0 0 0 %100 71 M66 X 0 0 0 %100 71 M66 X 0 0 0 %100 72 M66 Z 0 0 0 %100 73 M68 X -1.068 -1.068 0 %100 74 M68 Z 0 <td< td=""><td></td><td></td><td></td><td>-3.233</td><td>-3.233</td><td></td><td></td></td<> | | | | -3.233 | -3.233 | | |
| 63 MS8A X 0 0 0 %100 64 MS8A Z 0 0 0 %100 65 MS9A Z 0 0 0 %100 66 MS9A Z 0 0 0 %100 67 M63 X -1.068 -1.068 0 %1100 68 M63 Z 0 0 0 %1100 68 M63 Z 0 0 0 %1100 70 M64 X 0 0 0 %1100 70 M64 Z 0 0 0 %1100 72 M66 Z 0 0 0 %1100 72 M66 Z 0 0 0 %1100 74 M68 Z 0 0 0 %1100 75 M69 X -3.249 -3.249 < | | | | | | | |
| 64 M58A Z 0 0 %100 66 M59A Z 0 0 0 %100 67 M63 X -1.068 -1.068 0 %100 68 M63 Z 0 0 0 %100 69 M64 X 0 0 0 %100 70 M64 X 0 0 0 %100 71 M66 X 0 0 0 %100 72 M66 X 0 0 0 %100 73 M68 X -1.068 -1.068 0 %100 74 M68 Z 0 0 0 %100 75 M69 X -3.249 -3.249 0 %100 76 M69 X -3.249 -3.249 0 %100 77 M71 X -3.338 -3.38 < | | | | 0 | 0 | | |
| 65 M59A X -2.44 -2.44 0 %100 66 M59A Z 0 0 0 %100 67 M63 X -1.068 -1.068 0 %100 68 M63 Z 0 0 0 %100 69 M64 X 0 0 0 %100 70 M64 Z 0 0 0 %100 71 M66 X 0 0 0 %100 72 M66 Z 0 0 0 %100 73 M68 X -1.068 -1.068 0 %100 73 M68 X -1.068 -1.068 0 %100 75 M69 X -3.249 -3.249 0 %100 76 M69 X -3.249 -3.249 0 %100 78 M71 X -3.38 </td <td></td> <td></td> <td>Z</td> <td></td> <td></td> <td></td> <td></td> | | | Z | | | | |
| 66 MS9A Z 0 0 %100 67 M63 X -1,088 -1,068 0 %100 68 M63 Z 0 0 0 %100 99 M64 X 0 0 0 %100 70 M64 Z 0 0 0 %100 71 M66 X 0 0 0 %100 72 M66 X 0 0 0 %100 73 M68 X -1,068 -1,068 0 %100 74 M68 X -1,068 -1,068 0 %100 75 M69 X -3,249 -3,249 0 %100 76 M69 X -3,249 -3,249 0 %100 77 M71 X -3,38 -3,38 0 %100 77 M71 X -3,38 -3,3 | | | | -2.44 | -2.44 | | |
| 67 M63 X -1.068 -1.068 0 %100 68 M63 Z 0 0 0 %100 69 M64 X 0 0 0 %100 70 M64 Z 0 0 0 %100 71 M66 X 0 0 0 %100 72 M66 Z 0 0 0 %100 73 M68 X -1.068 -1.068 0 %100 74 M68 Z 0 0 0 %100 75 M69 X -3.249 -3.249 0 %100 76 M69 Z 0 0 0 %100 77 M71 X -3.38 -3.38 0 %100 79 MP1A X -2.96 -2.96 0 %100 80 MP1A X -2.96 | | | | 1 | | | |
| 68 M63 Z 0 0 0 %100 70 M64 X 0 0 0 %100 70 M64 Z 0 0 0 %100 71 M66 X 0 0 0 %100 72 M66 Z 0 0 0 %100 73 M88 X -1.068 -1.068 0 %100 74 M68 Z 0 0 0 %100 75 M69 X -3.249 -3.249 0 %100 76 M69 Z 0 0 0 %100 77 M71 X -3.38 -3.38 0 %100 78 M71 Z 0 0 0 %100 80 MP1A Z 0 0 0 %100 81 MP4A X -2.96 -2.96 | | | | -1.068 | -1.068 | | |
| 69 M64 X 0 0 0 %100 70 M64 Z 0 0 0 %100 71 M66 X 0 0 0 %100 72 M66 Z 0 0 0 %100 73 M68 X -1.068 -1.068 0 %100 74 M68 Z 0 0 0 %100 75 M69 X -3.249 -3.249 0 %100 76 M69 Z 0 0 0 %100 77 M71 X -3.38 -3.38 0 %100 79 MP1A X -2.96 -2.96 0 %100 80 MP1A X -2.96 -2.96 0 %100 82 MP4A X -2.96 -2.96 0 %100 83 MP3A X -3.228 | | | | | | | |
| 70 M64 Z 0 0 0 %100 71 M66 X 0 0 0 %100 72 M66 Z 0 0 0 %100 73 M68 X -1.068 -1.068 0 %100 74 M68 Z 0 0 0 %100 75 M69 X -3.249 -3.249 0 %100 76 M69 Z 0 0 0 %100 77 M71 X -3.38 -3.38 0 %100 78 M74 Z 0 0 0 %100 80 MP1A X -2.96 -2.96 0 %100 81 MP4A X -2.96 -2.96 0 %100 82 MP4A X -2.96 -2.96 0 %100 85 MP2A X -3.228 | | | | - | - | | |
| 71 M66 X 0 0 %100 72 M66 Z 0 0 0 %100 73 M68 X -1.068 -1.068 0 %100 74 M68 Z 0 0 0 %100 75 M69 X -3.249 -3.249 0 %100 76 M69 Z 0 0 0 %100 76 M69 Z 0 0 0 %100 77 M71 X -3.38 -3.38 0 %100 77 M71 X -3.38 -3.38 0 %100 79 MP1A X -2.96 -2.96 0 %100 80 MP1A X -2.96 -2.96 0 %100 81 MP4A X -2.96 -2.96 0 %100 82 MP4A X -2.96 <t-< td=""><td></td><td></td><td>7</td><td></td><td></td><td></td><td></td></t-<> | | | 7 | | | | |
| 72 M66 Z 0 0 %100 73 M68 X -1.068 -1.068 0 %100 74 M68 Z 0 0 0 %100 75 M69 X -3.249 -3.249 0 %100 76 M69 X -3.249 -3.249 0 %100 77 M71 X -3.38 0 %100 78 M71 Z 0 0 0 %100 80 MP1A X -2.96 -2.96 0 %100 81 MP4A Z 0 0< | | | | - | - | | |
| 73 M68 X -1,068 -1,068 0 %100 74 M68 Z 0 0 0 %100 75 M69 X -3,249 -3,249 0 %100 76 M69 Z 0 0 0 %100 77 M71 X -3,38 -3,38 0 %100 78 M71 Z 0 0 0 %100 79 MP1A X -2,96 -2,96 0 %100 80 MP1A Z 0 0 0 %100 81 MP4A Z 0 0 0 %100 82 MP4A Z 0 0 0 %100 83 MP3A X -3,228 -3,228 0 %100 84 MP3A X -2,96 -2,96 0 %100 86 MP2A X -2,96< | | | | - | | | |
| 74 M68 Z 0 0 %100 75 M69 X -3.249 -3.249 0 %100 76 M69 Z 0 0 0 %100 77 M71 X -3.38 -3.38 0 %100 78 M71 Z 0 0 0 %100 79 MP1A X -2.96 0 0 %100 80 MP1A X -2.96 0 0 %100 81 MP4A X -2.96 0 0 %100 82 MP4A Z 0 0 0 %100 83 MP3A X -3.228 -3.228 0 %100 84 MP3A X -2.96 -2.96 0 %100 85 MP2A X -2.96 -2.96 0 %100 86 MP2A Z 0 0 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> | | | | | | | |
| 75 M69 X -3.249 -3.249 0 %100 76 M69 Z 0 0 0 %100 77 M71 X -3.38 -3.38 0 %100 78 M71 Z 0 0 0 %100 79 MP1A X -2.96 -2.96 0 %100 80 MP1A Z 0 0 0 %100 81 MP4A Z 0 0 0 %100 82 MP4A Z 0 0 0 %100 83 MP3A X -3.228 -3.228 0 %100 84 MP3A X -2.96 -2.96 0 %100 85 MP2A X -2.96 -2.96 0 %100 86 MP2A X -2.96 -2.96 0 %100 87 MP4B X <t< td=""><td></td><td></td><td>7</td><td></td><td></td><td></td><td></td></t<> | | | 7 | | | | |
| 76 M69 Z 0 0 %100 77 M71 X -3.38 -3.38 0 %100 78 M71 Z 0 0 0 %100 79 MP1A X -2.96 -2.96 0 %100 80 MP1A Z 0 0 0 %100 81 MP4A X -2.96 0 %100 82 MP4A X -2.96 0 %100 82 MP4A Z 0 0 0 %100 84 MP3A X -3.228 -3.228 0 %100 85 MP2A X -2.96 -2.96 0 %100 86 MP2A Z 0 0 0 %100 87 MP4B X -2.96 -2.96 0 %100 89 MP1B X -2.96 -2.96 0 <td< td=""><td></td><td>M69</td><td></td><td></td><td></td><td></td><td></td></td<> | | M69 | | | | | |
| 77 M71 X -3.38 -3.38 0 %100 78 M71 Z 0 0 0 %100 80 MP1A X -2.96 0 0 %100 80 MP1A Z 0 0 0 %100 81 MP4A X -2.96 -2.96 0 %100 81 MP4A X -2.96 -2.96 0 %100 82 MP4A Z 0 0 0 %100 83 MP3A X -3.228 -3.228 0 %100 84 MP3A Z 0 0 0 %100 85 MP2A X -2.96 0 %100 %100 86 MP2A Z 0 0 0 %100 87 MP4B X -2.96 -2.96 0 %100 89 MP1B X -2. | | | | | | | |
| 78 M71 Z 0 0 %100 79 MP1A X -2.96 -2.96 0 %100 80 MP4A Z 0 0 0 %100 81 MP4A X -2.96 -2.96 0 %100 82 MP4A Z 0 0 0 %100 83 MP3A X -3.228 -3.228 0 %100 84 MP3A X -3.228 -3.228 0 %100 85 MP2A X -2.96 -2.96 0 %100 86 MP2A Z 0 0 0 %100 87 MP4B X -2.96 -2.96 0 %100 89 MP1B X -2.96 -2.96 0 %100 89 MP1B X -2.96 -2.96 0 %100 91 MP3B X -3.228 | | | | • | • | | |
| 79 MP1A X -2.96 -2.96 0 %100 80 MP1A Z 0 0 0 %100 81 MP4A X -2.96 0 %100 82 MP4A Z 0 0 %100 83 MP3A X -3.228 -3.228 0 %100 84 MP3A X -3.228 -3.228 0 %100 85 MP2A X -2.96 -2.96 0 %100 86 MP2A Z 0 0 0 %100 87 MP4B X -2.96 -2.96 0 %100 88 MP4B X -2.96 -2.96 0 %100 89 MP1B X -2.96 -2.96 0 %100 90 MP1B X -2.96 -2.96 0 %100 92 MP3B X -3.228 | | | | | | | |
| 80 MP1A Z 0 0 %100 81 MP4A X -2.96 -2.96 0 %100 82 MP4A Z 0 0 0 %100 83 MP3A X -3.228 -3.228 0 %100 84 MP3A Z 0 0 0 %100 85 MP2A X -2.96 -2.96 0 %100 86 MP2A Z 0 0 0 %100 87 MP4B X -2.96 -2.96 0 %100 88 MP4B Z 0 0 0 %100 90 MP1B X -2.96 0 %100 %100 91 MP3B X -3.228 -3.228 0 %100 92 MP3B Z 0 0 0 %100 93 MP2B X -2.96 <td< td=""><td></td><td></td><td></td><td>-</td><td><u>-</u></td><td></td><td></td></td<> | | | | - | <u>-</u> | | |
| 81 MP4A X -2.96 -2.96 0 %100 82 MP4A Z 0 0 0 %100 83 MP3A X -3.228 0 %100 84 MP3A Z 0 0 0 %100 85 MP2A X -2.96 -2.96 0 %100 86 MP2A Z 0 0 0 %100 87 MP4B X -2.96 -2.96 0 %100 88 MP4B X -2.96 -2.96 0 %100 89 MP1B X -2.96 -2.96 0 %100 90 MP1B Z 0 0 0 %100 92 MP3B X -3.228 -3.228 0 %100 92 MP3B Z 0 0 0 %100 94 MP2B Z 0 <td< td=""><td></td><td></td><td>7</td><td></td><td></td><td></td><td></td></td<> | | | 7 | | | | |
| 82 MP4A Z 0 0 %100 83 MP3A X -3.228 -3.228 0 %100 84 MP3A Z 0 0 0 %100 85 MP2A X -2.96 -2.96 0 %100 86 MP2A Z 0 0 0 %100 87 MP4B X -2.96 -2.96 0 %100 88 MP4B X -2.96 -2.96 0 %100 89 MP1B X -2.96 -2.96 0 %100 90 MP1B Z 0 0 0 %100 91 MP3B X -3.228 -3.228 0 %100 92 MP3B Z 0 0 0 %100 93 MP2B X -2.96 -2.96 0 %100 94 MP2B Z 0 | | | | | - | - | |
| 83 MP3A X -3.228 -3.228 0 %100 84 MP3A Z 0 0 0 %100 85 MP2A X -2.96 -2.96 0 %100 86 MP2A Z 0 0 0 %100 87 MP4B X -2.96 -2.96 0 %100 88 MP4B Z 0 0 0 %100 89 MP1B X -2.96 -2.96 0 %100 90 MP1B X -2.96 -2.96 0 %100 91 MP3B X -3.228 -3.228 0 %100 92 MP3B X -2.96 -2.96 0 %100 93 MP2B X -2.96 -2.96 0 %100 95 MP4C X -2.96 -2.96 0 %100 96 MP4C < | | | | | | | |
| 84 MP3A Z 0 0 %100 85 MP2A X -2.96 -2.96 0 %100 86 MP2A Z 0 0 0 %100 87 MP4B X -2.96 -2.96 0 %100 88 MP4B Z 0 0 0 %100 89 MP1B X -2.96 -2.96 0 %100 90 MP1B Z 0 0 0 %100 90 MP1B Z 0 0 0 %100 91 MP3B X -3.228 -3.228 0 %100 92 MP3B Z 0 0 0 %100 93 MP2B X -2.96 -2.96 0 %100 94 MP2B Z 0 0 0 %100 95 MP4C X -2.96 -2.96 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> | | | | | | | |
| 85 MP2A X -2.96 -2.96 0 %100 86 MP2A Z 0 0 0 %100 87 MP4B X -2.96 -2.96 0 %100 88 MP4B Z 0 0 0 %100 89 MP1B X -2.96 -2.96 0 %100 90 MP1B Z 0 0 0 %100 91 MP3B X -3.228 -3.228 0 %100 91 MP3B Z 0 0 0 %100 92 MP3B Z 0 0 0 %100 93 MP2B X -2.96 -2.96 0 %100 94 MP2B Z 0 0 %100 95 MP4C X -2.96 -2.96 0 %100 96 MP4C Z 0 0 <td></td> <td></td> <td>7</td> <td></td> <td></td> <td></td> <td></td> | | | 7 | | | | |
| 86 MP2A Z 0 0 %100 87 MP4B X -2.96 -2.96 0 %100 88 MP4B Z 0 0 0 %100 89 MP1B X -2.96 -2.96 0 %100 90 MP1B Z 0 0 0 %100 91 MP3B X -3.228 -3.228 0 %100 91 MP3B X -3.228 -3.228 0 %100 92 MP3B Z 0 0 0 %100 93 MP2B X -2.96 -2.96 0 %100 94 MP2B Z 0 0 0 %100 96 MP4C X -2.96 -2.96 0 %100 97 MP3C X -3.228 -3.228 0 %100 98 MP3C X -2.96 | | | | | | | |
| 87 MP4B X -2.96 -2.96 0 %100 88 MP4B Z 0 0 0 %100 89 MP1B X -2.96 -2.96 0 %100 90 MP1B Z 0 0 0 %100 91 MP3B X -3.228 -3.228 0 %100 92 MP3B Z 0 0 0 %100 92 MP3B Z 0 0 0 %100 92 MP3B Z 0 0 0 %100 93 MP2B X -2.96 -2.96 0 %100 94 MP2B Z 0 0 0 %100 96 MP4C X -2.96 -2.96 0 %100 97 MP3C X -3.228 -3.228 0 %100 98 MP3C Z 0< | | | | 1 | | | |
| 88 MP4B Z 0 0 %100 89 MP1B X -2.96 -2.96 0 %100 90 MP1B Z 0 0 0 %100 91 MP3B X -3.228 0 %100 91 MP3B X -3.228 0 %100 92 MP3B Z 0 0 0 %100 93 MP2B X -2.96 -2.96 0 %100 94 MP2B Z 0 0 0 %100 95 MP4C X -2.96 -2.96 0 %100 96 MP4C Z 0 0 0 %100 97 MP3C X -3.228 -3.228 0 %100 99 MP2C X -2.96 -2.96 0 %100 100 MP2C X -2.96 -2.96 0 | | | | - | | | |
| 89 MP1B X -2.96 -2.96 0 %100 90 MP1B Z 0 0 0 %100 91 MP3B X -3.228 -3.228 0 %100 92 MP3B Z 0 0 0 %100 93 MP2B X -2.96 -2.96 0 %100 94 MP2B Z 0 0 0 %100 95 MP4C X -2.96 -2.96 0 %100 96 MP4C X -2.96 -2.96 0 %100 97 MP3C X -3.228 -3.228 0 %100 98 MP3C Z 0 0 0 %100 99 MP2C X -2.96 -2.96 0 %100 100 MP1C X -2.96 -2.96 0 %100 102 MP1C X </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> | | | | | | | |
| 90 MP1B Z 0 0 %100 91 MP3B X -3.228 -3.228 0 %100 92 MP3B Z 0 0 0 %100 93 MP2B X -2.96 -2.96 0 %100 94 MP2B Z 0 0 0 %100 95 MP4C X -2.96 -2.96 0 %100 96 MP4C X -2.96 -2.96 0 %100 97 MP3C X -3.228 -3.228 0 %100 98 MP3C Z 0 0 0 %100 99 MP2C X -2.96 -2.96 0 %100 100 MP2C Z 0 0 %100 101 MP1C X -2.96 -2.96 0 %100 102 MP1C Z 0 0 | | | | - | <u>-</u> | | |
| 91 MP3B X -3.228 -3.228 0 %100 92 MP3B Z 0 0 0 %100 93 MP2B X -2.96 -2.96 0 %100 94 MP2B Z 0 0 0 %100 95 MP4C X -2.96 -2.96 0 %100 96 MP4C Z 0 0 0 %100 97 MP3C X -3.228 -3.228 0 %100 98 MP3C Z 0 0 0 %100 99 MP2C X -2.96 -2.96 0 %100 100 MP2C Z 0 0 %100 101 MP1C X -2.96 -2.96 0 %100 102 MP1C Z 0 0 %100 %100 103 O1 X -2.371 | | | 7 | | | | |
| 92 MP3B Z 0 0 %100 93 MP2B X -2.96 -2.96 0 %100 94 MP2B Z 0 0 0 %100 95 MP4C X -2.96 -2.96 0 %100 96 MP4C Z 0 0 0 %100 97 MP3C X -3.228 -3.228 0 %100 98 MP3C Z 0 0 0 %100 99 MP2C X -2.96 -2.96 0 %100 100 MP2C Z 0 0 %100 101 MP1C X -2.96 -2.96 0 %100 102 MP1C Z 0 0 %100 103 O1 X -2.371 -2.371 0 %100 104 O1 Z 0 0 %100 <t< td=""><td></td><td></td><td></td><td>•</td><td>•</td><td></td><td></td></t<> | | | | • | • | | |
| 93 MP2B X -2.96 -2.96 0 %100 94 MP2B Z 0 0 0 %100 95 MP4C X -2.96 -2.96 0 %100 96 MP4C Z 0 0 0 %100 97 MP3C X -3.228 -3.228 0 %100 98 MP3C Z 0 0 0 %100 99 MP2C X -2.96 -2.96 0 %100 100 MP2C Z 0 0 %100 101 MP1C X -2.96 -2.96 0 %100 102 MP1C Z 0 0 %100 103 O1 X -2.371 -2.371 0 %100 104 O1 Z 0 0 %100 %100 105 O2 X -2.371 -2.371 | | | _ | | | | |
| 94 MP2B Z 0 0 %100 95 MP4C X -2.96 -2.96 0 %100 96 MP4C Z 0 0 0 %100 97 MP3C X -3.228 -3.228 0 %100 98 MP3C Z 0 0 0 %100 99 MP2C X -2.96 -2.96 0 %100 100 MP2C Z 0 0 %100 101 MP1C X -2.96 -2.96 0 %100 102 MP1C Z 0 0 %100 103 O1 X -2.371 -2.371 0 %100 104 O1 Z 0 0 %100 105 O2 X -2.371 -2.371 0 %100 106 O2 Z 0 0 %100 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<> | | | | | | | |
| 95 MP4C X -2.96 -2.96 0 %100 96 MP4C Z 0 0 0 %100 97 MP3C X -3.228 -3.228 0 %100 98 MP3C Z 0 0 0 %100 99 MP2C X -2.96 -2.96 0 %100 100 MP2C Z 0 0 0 %100 101 MP1C X -2.96 -2.96 0 %100 102 MP1C Z 0 0 %100 103 O1 X -2.371 -2.371 0 %100 104 O1 Z 0 0 %100 %100 105 O2 X -2.371 -2.371 0 %100 106 O2 Z 0 0 0 %100 107 M104 X 0 < | | | 7 | | | | |
| 96 MP4C Z 0 0 %100 97 MP3C X -3.228 -3.228 0 %100 98 MP3C Z 0 0 0 %100 99 MP2C X -2.96 -2.96 0 %100 100 MP2C Z 0 0 %100 101 MP1C X -2.96 -2.96 0 %100 102 MP1C Z 0 0 %100 103 O1 X -2.371 -2.371 0 %100 104 O1 Z 0 0 %100 105 O2 X -2.371 -2.371 0 %100 106 O2 Z 0 0 %100 107 M104 X 0 0 %100 | | | | • | | | |
| 97 MP3C X -3.228 -3.228 0 %100 98 MP3C Z 0 0 0 %100 99 MP2C X -2.96 -2.96 0 %100 100 MP2C Z 0 0 0 %100 101 MP1C X -2.96 -2.96 0 %100 102 MP1C Z 0 0 %100 103 O1 X -2.371 -2.371 0 %100 104 O1 Z 0 0 %100 105 O2 X -2.371 -2.371 0 %100 106 O2 Z 0 0 %100 107 M104 X 0 0 %100 | | | | | | | |
| 98 MP3C Z 0 0 %100 99 MP2C X -2.96 -2.96 0 %100 100 MP2C Z 0 0 0 %100 101 MP1C X -2.96 -2.96 0 %100 102 MP1C Z 0 0 %100 103 O1 X -2.371 -2.371 0 %100 104 O1 Z 0 0 %100 105 O2 X -2.371 -2.371 0 %100 106 O2 Z 0 0 %100 107 M104 X 0 0 %100 | | | | • | • | | |
| 99 MP2C X -2.96 -2.96 0 %100 100 MP2C Z 0 0 0 %100 101 MP1C X -2.96 -2.96 0 %100 102 MP1C Z 0 0 0 %100 103 O1 X -2.371 -2.371 0 %100 104 O1 Z 0 0 0 %100 105 O2 X -2.371 -2.371 0 %100 106 O2 Z 0 0 0 %100 107 M104 X 0 0 %100 | | | | | | | |
| 100 MP2C Z 0 0 %100 101 MP1C X -2.96 -2.96 0 %100 102 MP1C Z 0 0 0 %100 103 O1 X -2.371 -2.371 0 %100 104 O1 Z 0 0 0 %100 105 O2 X -2.371 -2.371 0 %100 106 O2 Z 0 0 0 %100 107 M104 X 0 0 0 %100 | | | | • | <u>-</u> | | |
| 101 MP1C X -2.96 -2.96 0 %100 102 MP1C Z 0 0 0 %100 103 O1 X -2.371 -2.371 0 %100 104 O1 Z 0 0 0 %100 105 O2 X -2.371 -2.371 0 %100 106 O2 Z 0 0 0 %100 107 M104 X 0 0 %100 | | | 7 | | | | |
| 102 MP1C Z 0 0 %100 103 O1 X -2.371 -2.371 0 %100 104 O1 Z 0 0 0 %100 105 O2 X -2.371 -2.371 0 %100 106 O2 Z 0 0 0 %100 107 M104 X 0 0 %100 | | | | | • | | |
| 103 O1 X -2.371 -2.371 0 %100 104 O1 Z 0 0 0 %100 105 O2 X -2.371 -2.371 0 %100 106 O2 Z 0 0 0 %100 107 M104 X 0 0 0 %100 | | | 7 | | | | |
| 104 O1 Z 0 0 0 %100 105 O2 X -2.371 -2.371 0 %100 106 O2 Z 0 0 0 %100 107 M104 X 0 0 %100 | | | | | - | | |
| 105 O2 X -2.371 -2.371 0 %100 106 O2 Z 0 0 0 %100 107 M104 X 0 0 0 %100 | | | 7 | | | | |
| 106 O2 Z O O O %100 107 M104 X O O 0 %100 | | | | | | | |
| 107 M104 X 0 0 0 %100 | | | | | | | |
| | | | | | | | |
| | | | | | | | |

: Mount Analysis

Aug 11, 2021 10:30 AM Checked By:_

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

| | Member Label | Direction | Start Magnitude[lb/ft, | .End Magnitude[lb/ft,F | . Start Location[ft,%] | End Location[ft,%] |
|-----|--------------|-----------|------------------------|------------------------|------------------------|--------------------|
| 109 | M105 | X | -2.514 | -2.514 | 0 | %100 |
| 110 | M105 | Ζ | 0 | 0 | 0 | %100 |
| 111 | M106 | X | -2.514 | -2.514 | 0 | %100 |
| 112 | M106 | Z | 0 | 0 | 0 | %100 |
| 113 | M125 | X | -2.499 | -2.499 | 0 | %100 |
| 114 | M125 | Ζ | 0 | 0 | 0 | %100 |
| 115 | M126 | X | -2.499 | -2.499 | 0 | %100 |
| 116 | M126 | Ζ | 0 | 0 | 0 | %100 |
| 117 | M127 | X | 0 | 0 | 0 | %100 |
| 118 | M127 | Z | 0 | 0 | 0 | %100 |

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

| 1 | Member Label | Direction | | .End Magnitude[lb/ft,F | | End Location[ft,%] |
|----|--------------|-----------|--------|------------------------|---|--------------------|
| 2 | M1 M1 | X | 798 | 798 461 | 0 | %100 %100 |
| | M4 | | 461 | | | |
| 3 | | X | -2.28 | -2.28 | 0 | %100 |
| 4 | M4 | Z | -1.316 | -1.316 | 0 | %100 |
| 5 | M10 | X | 621 | 621 | 0 | %100 |
| 6 | M10 | Z | 358 | 358 | 0 | %100 |
| 7 | M43 | X | 621 | 621 | 0 | %100 |
| 8 | M43 | Z | 358 | 358 | 0 | %100 |
| 9 | M46 | <u>X</u> | 933 | 933 | 0 | %100 |
| 10 | M46 | Z | 539 | 539 | 0 | %100 |
| 11 | M51B | <u>X</u> | 704 | 704 | 0 | %100 |
| 12 | M51B | Z | 407 | 407 | 0 | %100 |
| 13 | M52B | <u>X</u> | -2.818 | -2.818 | 0 | %100 |
| 14 | M52B | Z | -1.627 | -1.627 | 0 | %100 |
| 15 | <u>M76</u> | X | -2.775 | -2.775 | 0 | %100 |
| 16 | M76 | Z | -1.602 | -1.602 | 0 | %100 |
| 17 | M77 | X | 938 | 938 | 0 | %100 |
| 18 | M77 | Z | 541 | 541 | 0 | %100 |
| 19 | M80 | X | 976 | 976 | 0 | %100 |
| 20 | M80 | Z | 563 | 563 | 0 | %100 |
| 21 | M84 | X | -2.775 | -2.775 | 0 | %100 |
| 22 | M84 | Z | -1.602 | -1.602 | 0 | %100 |
| 23 | M85 | Χ | -3.751 | -3.751 | 0 | %100 |
| 24 | M85 | Z | -2.166 | -2.166 | 0 | %100 |
| 25 | M91 | X | -3.903 | -3.903 | 0 | %100 |
| 26 | M91 | Z | -2.253 | -2.253 | 0 | %100 |
| 27 | M26 | X | 798 | 798 | 0 | %100 |
| 28 | M26 | Z | 461 | 461 | 0 | %100 |
| 29 | M27 | X | -3.193 | -3.193 | 0 | %100 |
| 30 | M27 | Z | -1.844 | -1.844 | 0 | %100 |
| 31 | M28 | Χ | -2.28 | -2.28 | 0 | %100 |
| 32 | M28 | Z | -1.316 | -1.316 | 0 | %100 |
| 33 | M29 | Χ | 621 | 621 | 0 | %100 |
| 34 | M29 | Z | 358 | 358 | 0 | %100 |
| 35 | M30 | Х | 621 | 621 | 0 | %100 |
| 36 | M30 | Z | 358 | 358 | 0 | %100 |
| 37 | M31 | X | 933 | 933 | 0 | %100 |
| 38 | M31 | Z | 539 | 539 | 0 | %100 |
| 39 | M34 | X | -2.818 | -2.818 | 0 | %100 |
| 40 | M34 | Z | -1.627 | -1.627 | 0 | %100 |
| 41 | M35 | X | 704 | 704 | 0 | %100 |
| 42 | M35 | Z | 407 | 407 | 0 | %100 |
| 43 | M39 | X | -2.775 | -2.775 | 0 | %100 |
| | ***** | | | | | |

Mount Analysis

Aug 11, 2021 10:30 AM Checked By:_

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

| | Member Label | Direction | | End Magnitude[lb/ft,F | . Start Location[ft,%] | End Location[ft,%] |
|-----|--------------|-----------|--------|-----------------------|------------------------|--------------------|
| 44 | M39 | Z | -1.602 | -1.602 | 0 | %100 |
| 45 | M40 | X | -3.751 | -3.751 | 0 | %100 |
| 46 | M40 | Z | -2.166 | -2.166 | 0 | %100 |
| 47 | M42 | X | -3.903 | -3.903 | 0 | %100 |
| 48 | M42 | Z | -2.253 | -2.253 | 0 | %100 |
| 49 | M44 | X | -2.775 | -2.775 | 0 | %100 |
| 50 | M44 | Z | -1.602 | -1.602 | 0 | %100 |
| 51 | M45 | X | 938 | 938 | 0 | %100 |
| 52 | M45 | Z | 541 | 541 | 0 | %100 |
| 53 | M47 | X | 976 | 976 | 0 | %100 |
| 54 | M47 | Z | 563 | 563 | 0 | %100 |
| 55 | M52A | X | 0 | 0 | 0 | %100 |
| 56 | M52A | Z | 0 | 0 | 0 | %100 |
| 57 | M53 | X | -2.483 | -2.483 | 0 | %100 |
| 58 | M53 | Z | -1.434 | -1.434 | 0 | %100 |
| 59 | M54 | X | -2.483 | -2.483 | 0 | %100 |
| 60 | M54 | Z | -1.434 | -1.434 | 0 | %100 |
| 61 | M55 | X | -3.733 | -3.733 | 0 | %100 |
| 62 | M55 | Z | -2.155 | -2.155 | 0 | %100 |
| 63 | M58A | X | 704 | 704 | 0 | %100 |
| 64 | M58A | Z | 407 | 407 | 0 | %100 |
| 65 | M59A | X | 704 | 704 | 0 | %100 |
| 66 | M59A | Z | 407 | 407 | 0 | %100 |
| 67 | M63 | X | 0 | 0 | 0 | %100 |
| 68 | M63 | Z | 0 | 0 | 0 | %100 |
| 69 | M64 | X | 938 | 938 | 0 | %100 |
| 70 | M64 | Z | 541 | 541 | 0 | %100 |
| 71 | M66 | X | 976 | 976 | 0 | %100 |
| 72 | M66 | Z | 563 | 563 | 0 | %100 |
| 73 | M68 | X | 0 | 0 | 0 | %100 |
| 74 | M68 | Z | 0 | 0 | 0 | %100 |
| 75 | <u>M69</u> | X | 938 | 938 | 0 | %100 |
| 76 | <u>M69</u> | Z | 541 | 541 | 0 | %100 |
| 77 | <u>M71</u> | X | 976 | 976 | 0 | %100 |
| 78 | M71 | Z | 563 | 563 | 0 | %100 |
| 79 | MP1A | X | -2.563 | -2.563 | 0 | %100 |
| 80 | MP1A | Z | -1.48 | -1.48 | 0 | %100 |
| 81 | MP4A | X | -2.563 | -2.563 | 0 | %100 |
| 82 | MP4A | Z | -1.48 | -1.48 | 0 | %100 |
| 83 | MP3A | X | -2.796 | -2.796 | 0 | %100 |
| 84 | MP3A | Z | -1.614 | -1.614 | 0 | %100 %400 |
| 85 | MP2A | X | -2.563 | -2.563 | 0 | %100 |
| 86 | MP2A | Z | -1.48 | -1.48 | 0 | %100 |
| 87 | MP4B | X | -2.563 | -2.563 | 0 | %100 |
| 88 | MP4B | Z | -1.48 | -1.48 | 0 | %100 |
| 89 | MP1B | X | -2.563 | -2.563 | 0 | %100 |
| 90 | MP1B | Z | -1.48 | -1.48 | 0 | %100 |
| 91 | MP3B | X | -2.796 | -2.796 | 0 | %100 |
| 92 | MP3B | Z | -1.614 | -1.614 | 0 | %100 |
| 93 | MP2B | X | -2.563 | -2.563 | 0 | %100 |
| 94 | MP2B | Z | -1.48 | -1.48 | 0 | %100 |
| 95 | MP4C | X | -2.563 | -2.563 | 0 | %100 |
| 96 | MP4C | Z | -1.48 | -1.48 | 0 | %100 |
| 97 | MP3C | X | -2.796 | -2.796 | 0 | %100 |
| 98 | MP3C | Z | -1.614 | -1.614 | 0 | %100 |
| 99 | MP2C | X | -2.563 | -2.563 | 0 | %100 |
| 100 | MP2C | Z | -1.48 | -1.48 | 0 | %100 |

Mount Analysis

Aug 11, 2021 10:30 AM Checked By:__

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

| | Member Label | Direction | Start Magnitude[lb/ft, | .End Magnitude[lb/ft,F | . Start Location[ft,%] | End Location[ft,%] |
|-----|--------------|-----------|------------------------|------------------------|------------------------|--------------------|
| 101 | MP1C | X | -2.563 | -2.563 | 0 | %100 |
| 102 | MP1C | Z | -1.48 | -1.48 | 0 | %100 |
| 103 | 01 | X | -2.053 | -2.053 | 0 | %100 |
| 104 | 01 | Z | -1.185 | -1.185 | 0 | %100 |
| 105 | O2 | X | -2.053 | -2.053 | 0 | %100 |
| 106 | O2 | Z | -1.185 | -1.185 | 0 | %100 |
| 107 | M104 | X | 726 | 726 | 0 | %100 |
| 108 | M104 | Z | 419 | 419 | 0 | %100 |
| 109 | M105 | X | 726 | 726 | 0 | %100 |
| 110 | M105 | Z | 419 | 419 | 0 | %100 |
| 111 | M106 | X | -2.903 | -2.903 | 0 | %100 |
| 112 | M106 | Z | -1.676 | -1.676 | 0 | %100 |
| 113 | M125 | X | 721 | 721 | 0 | %100 |
| 114 | M125 | Z | 417 | 417 | 0 | %100 |
| 115 | M126 | X | -2.886 | -2.886 | 0 | %100 |
| 116 | M126 | Z | -1.666 | -1.666 | 0 | %100 |
| 117 | M127 | X | 721 | 721 | 0 | %100 |
| 118 | M127 | Z | 417 | 417 | 0 | %100 |

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

| | Member Label | Direction | | .End Magnitude[lb/ft,F | . Start Location[ft,%] | End Location[ft,%] |
|----|--------------|-----------|--------|------------------------|------------------------|--------------------|
| 1 | M1 | X | -1.383 | -1.383 | 0 | %100 |
| 2 | M1 | Z | -2.395 | -2.395 | 0 | %100 |
| 3 | M4 | X | 439 | 439 | 0 | %100 |
| 4 | M4 | Z | 76 | 76 | 0 | %100 |
| 5 | M10 | X | -1.075 | -1.075 | 0 | %100 |
| 6 | M10 | Z | -1.863 | -1.863 | 0 | %100 |
| 7 | M43 | X | -1.075 | -1.075 | 0 | %100 |
| 8 | M43 | Z | -1.863 | -1.863 | 0 | %100 |
| 9 | M46 | X | -1.617 | -1.617 | 0 | %100 |
| 10 | M46 | Z | -2.8 | -2.8 | 0 | %100 |
| 11 | M51B | X | 0 | 0 | 0 | %100 |
| 12 | M51B | Z | 0 | 0 | 0 | %100 |
| 13 | M52B | X | -1.22 | -1.22 | 0 | %100 |
| 14 | M52B | Z | -2.113 | -2.113 | 0 | %100 |
| 15 | M76 | X | 534 | 534 | 0 | %100 |
| 16 | M76 | Z | 925 | 925 | 0 | %100 |
| 17 | M77 | Х | 0 | 0 | 0 | %100 |
| 18 | M77 | Z | 0 | 0 | 0 | %100 |
| 19 | M80 | X | 0 | 0 | 0 | %100 |
| 20 | M80 | Z | 0 | 0 | 0 | %100 |
| 21 | M84 | Х | 534 | 534 | 0 | %100 |
| 22 | M84 | Z | 925 | 925 | 0 | %100 |
| 23 | M85 | Х | -1.624 | -1.624 | 0 | %100 |
| 24 | M85 | Z | -2.813 | -2.813 | 0 | %100 |
| 25 | M91 | X | -1.69 | -1.69 | 0 | %100 |
| 26 | M91 | Z | -2.927 | -2.927 | 0 | %100 |
| 27 | M26 | Х | 0 | 0 | 0 | %100 |
| 28 | M26 | Z | 0 | 0 | 0 | %100 |
| 29 | M27 | X | -1.383 | -1.383 | 0 | %100 |
| 30 | M27 | Z | -2.395 | -2.395 | 0 | %100 |
| 31 | M28 | Χ | -1.755 | -1.755 | 0 | %100 |
| 32 | M28 | Z | -3.039 | -3.039 | 0 | %100 |
| 33 | M29 | Х | 0 | 0 | 0 | %100 |
| 34 | M29 | Z | 0 | 0 | 0 | %100 |
| 35 | M30 | Х | 0 | 0 | 0 | %100 |

Mount Analysis

Aug 11, 2021 10:30 AM Checked By:_

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

| | Member Label | Direction | _ | End Magnitude[lb/ft,F | _ | End Location[ft,%] |
|----------|--------------|-----------|---------------|-----------------------|---|--------------------|
| 36 | M30 | Z | 0 | 0 | 0 | %100 |
| 37 | M31 | X | 0 | 0 | 0 | %100 |
| 38 | M31 | Z | 0 | 0 | 0 | %100 |
| 39 | M34 | X | -1.22 | -1.22 | 0 | %100 |
| 40 | M34 | Z | -2.113 | -2.113 | 0 | %100 |
| 41 | M35 | X | -1.22 | -1.22 | 0 | %100 |
| 42 | M35 | Z | -2.113 | -2.113 | 0 | %100 |
| 43 | M39 | X | -2.136 | -2.136 | 0 | %100 |
| 44 | M39 | Z | -3.7 | -3.7 | 0 | %100 |
| 45 | M40 | X | -1.624 | -1.624 | 0 | %100 |
| 46 | M40 | Z | -2.813 | -2.813 | 0 | %100 |
| 47 | M42 | X Z | -1.69 | -1.69 | 0 | %100 |
| 48 | M42 | | -2.927 | -2.927 | 0 | %100 %400 |
| 49 | M44 | X | -2.136 | -2.136 | 0 | %100 |
| 50 | M44 | Z | -3.7 | -3.7 | 0 | %100 |
| 51 | M45 | X | -1.624 | -1.624 | 0 | %100 |
| 52 | M45 | Z | -2.813 | -2.813 | 0 | %100 |
| 53 | M47 | X | -1.69 | -1.69 | 0 | %100 %400 |
| 54 | M47 | Z | -2.927 | -2.927 | 0 | %100 %100 |
| 55 | M52A | X | 439 | 439 | 0 | %100 |
| 56 | M52A | Z | 76 | 76 | 0 | %100 %400 |
| 57 | M53 | X Z | -1.075 | -1.075 | 0 | %100 %400 |
| 58 | M53 | | -1.863 | -1.863 | 0 | %100 %400 |
| 59 | M54 | X | -1.075 | -1.075 | 0 | %100 %400 |
| 60 | M54 | Z | -1.863 | -1.863 | 0 | %100 %100 |
| 61 | M55 | X Z | -1.617 | -1.617 | 0 | %100 %400 |
| 62 | M55 | | -2.8 -1.22 | -2.8 -1.22 | 0 | %100 %100 |
| 63 | M58A | X Z | | | 0 | %100 %400 |
| 64 | M58A | | -2.113 | -2.113 0 | 0 | %100 %400 |
| 65 66 | M59A M59A | X Z | 0 | 0 | 0 | %100 %100 |
| 67 | M63 | | 534 | 534 | | %100 %100 |
| 68 | M63 | X Z | 925 | 925 | 0 | %100 %100 |
| 69 | M64 | X | -1.624 | -1.624 | 0 | %100 %100 |
| 70 | M64 | Z | -2.813 | -2.813 | 0 | %100 %100 |
| 71 | M66 | X | -1.69 | -1.69 | 0 | %100 %100 |
| 72 | M66 | Z | -2.927 | -2.927 | 0 | %100 %100 |
| 73 | M68 | X | 534 | 534 | 0 | %100 %100 |
| 74 | M68 | Z | 925 | 925 | 0 | %100 %100 |
| 75 | M69 | X | 923 | 923 | 0 | %100 %100 |
| 76 | M69 | Z | 0 | 0 | 0 | %100 %100 |
| 77 | M71 | X | 0 | 0 | 0 | %100 %100 |
| 78 | M71 | Z | 0 | 0 | 0 | %100 %100 |
| 79 | MP1A | X | -1.48 | -1.48 | 0 | %100 %100 |
| 80 | MP1A | Z | -2.563 | -2.563 | 0 | %100 %100 |
| 81 | MP4A | X | -1.48 | -1.48 | 0 | %100 %100 |
| 82 | MP4A | Z | -2.563 | -2.563 | 0 | %100 %100 |
| 83 | MP3A | X | -1.614 | -1.614 | 0 | %100 %100 |
| 84 | MP3A | Z | -2.796 | -2.796 | 0 | %100 %100 |
| 85 | MP2A | X | -1.48 | -1.48 | 0 | %100 %100 |
| 86 | MP2A | Z | -2.563 | -2.563 | 0 | %100 %100 |
| 87 | MP4B | X | -1.48 | -1.48 | 0 | %100 %100 |
| 88 | MP4B | Z | -2.563 | -2.563 | 0 | %100 %100 |
| 89 | MP1B | X | -1.48 | -1.48 | 0 | %100 %100 |
| 90 | MP1B | Z | -2.563 | -2.563 | 0 | %100 %100 |
| 91 | MP3B | X | -1.614 | -1.614 | 0 | %100 %100 |
| 92 | MP3B | Z | -2.796 | -2.796 | 0 | %100 %100 |
| <u> </u> | 1111 00 | _ | 00 | | | 70100 |

Mount Analysis

Aug 11, 2021 10:30 AM Checked By:_

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

| | Member Label | Direction | Start Magnitude[lb/ft, | .End Magnitude[lb/ft,F | . Start Location[ft,%] | End Location[ft,%] |
|-----|--------------|-----------|------------------------|------------------------|------------------------|--------------------|
| 93 | MP2B | X | -1.48 | -1.48 | 0 | %100 |
| 94 | MP2B | Z | -2.563 | -2.563 | 0 | %100 |
| 95 | MP4C | X | -1.48 | -1.48 | 0 | %100 |
| 96 | MP4C | Z | -2.563 | -2.563 | 0 | %100 |
| 97 | MP3C | X | -1.614 | -1.614 | 0 | %100 |
| 98 | MP3C | Z | -2.796 | -2.796 | 0 | %100 |
| 99 | MP2C | Χ | -1.48 | -1.48 | 0 | %100 |
| 100 | MP2C | Z | -2.563 | -2.563 | 0 | %100 |
| 101 | MP1C | X | -1.48 | -1.48 | 0 | %100 |
| 102 | MP1C | Z | -2.563 | -2.563 | 0 | %100 |
| 103 | O1 | Χ | -1.185 | -1.185 | 0 | %100 |
| 104 | 01 | Z | -2.053 | -2.053 | 0 | %100 |
| 105 | O2 | X | -1.185 | -1.185 | 0 | %100 |
| 106 | O2 | Z | -2.053 | -2.053 | 0 | %100 |
| 107 | M104 | Χ | -1.257 | -1.257 | 0 | %100 |
| 108 | M104 | Z | -2.177 | -2.177 | 0 | %100 |
| 109 | M105 | X | 0 | 0 | 0 | %100 |
| 110 | M105 | Z | 0 | 0 | 0 | %100 |
| 111 | M106 | X | -1.257 | -1.257 | 0 | %100 |
| 112 | M106 | Z | -2.177 | -2.177 | 0 | %100 |
| 113 | M125 | Χ | 0 | 0 | 0 | %100 |
| 114 | M125 | Z | 0 | 0 | 0 | %100 |
| 115 | M126 | X | -1.25 | -1.25 | 0 | %100 |
| 116 | M126 | Z | -2.164 | -2.164 | 0 | %100 |
| 117 | M127 | Χ | -1.25 | -1.25 | 0 | %100 |
| 118 | M127 | Z | -2.164 | -2.164 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft, | End Magnitude[lb/ft.F. | Start Location[ft.%] | End Location[ft,%] |
|----|--------------|-----------|------------------------|------------------------|----------------------|--------------------|
| 1 | M1 | X | 0 | 0 | 0 | %100 |
| 2 | M1 | Z | 675 | 675 | 0 | %100 |
| 3 | M4 | Х | 0 | 0 | 0 | %100 |
| 4 | M4 | Z | 0 | 0 | 0 | %100 |
| 5 | M10 | X | 0 | 0 | 0 | %100 |
| 6 | M10 | Z | 58 | 58 | 0 | %100 |
| 7 | M43 | X | 0 | 0 | 0 | %100 |
| 8 | M43 | Z | 58 | 58 | 0 | %100 |
| 9 | M46 | X | 0 | 0 | 0 | %100 |
| 10 | M46 | Z | -1.157 | -1.157 | 0 | %100 |
| 11 | M51B | X | 0 | 0 | 0 | %100 |
| 12 | M51B | Z | 161 | 161 | 0 | %100 |
| 13 | M52B | X | 0 | 0 | 0 | %100 |
| 14 | M52B | Z | 161 | 161 | 0 | %100 |
| 15 | M76 | X | 0 | 0 | 0 | %100 |
| 16 | M76 | Z | 0 | 0 | 0 | %100 |
| 17 | M77 | X | 0 | 0 | 0 | %100 |
| 18 | M77 | Z | 295 | 295 | 0 | %100 |
| 19 | M80 | X | 0 | 0 | 0 | %100 |
| 20 | M80 | Z | 31 | 31 | 0 | %100 |
| 21 | M84 | X | 0 | 0 | 0 | %100 |
| 22 | M84 | Z | 0 | 0 | 0 | %100 |
| 23 | M85 | X | 0 | 0 | 0 | %100 |
| 24 | M85 | Z | 295 | 295 | 0 | %100 |
| 25 | M91 | X | 0 | 0 | 0 | %100 |
| 26 | M91 | Z | 31 | 31 | 0 | %100 |
| 27 | M26 | X | 0 | 0 | 0 | %100 |

Mount Analysis

Aug 11, 2021 10:30 AM Checked By:__

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

| Wicili | Dei Distributeu Loa | ado (DEO OC | . Otractare win | T TO Beg// Tooli | tirraca) | |
|--------|---------------------|-------------|-----------------------|------------------------|----------------------|--------------------|
| | Member Label | Direction | Start Magnitude[lh/ft | .End Magnitude[lb/ft,F | Start Location[ft %] | End Location[ft,%] |
| 28 | M26 | Z | 169 | 169 | 0 | %100 |
| 29 | M27 | X | 0 | 0 | 0 | %100 %100 |
| | | ^ | | | | |
| 30 | M27 | Z | 169 | 169 | 0 | %100 |
| 31 | M28 | X | 0 | 0 | 0 | %100 |
| 32 | M28 | Z | 516 | 516 | 0 | %100 |
| 33 | M29 | Χ | 0 | 0 | 0 | %100 |
| 34 | M29 | Z | 145 | 145 | 0 | %100 |
| 35 | M30 | X | 0 | 0 | 0 | %100 |
| 36 | M30 | Z | 145 | 145 | 0 | %100 |
| 37 | M31 | X | 0 | 0 | 0 | %100 %100 |
| | M31 | Z | 289 | 289 | 0 | %100 %100 |
| 38 | | | | | | |
| 39 | M34 | X | 0 | 0 | 0 | %100 |
| 40 | M34 | Z | 161 | 161 | 0 | %100 |
| 41 | M35 | X | 0 | 0 | 0 | %100 |
| 42 | M35 | Z | 643 | 643 | 0 | %100 |
| 43 | M39 | X | 0 | 0 | 0 | %100 |
| 44 | M39 | Z | 868 | 868 | 0 | %100 |
| 45 | M40 | X | 0 | 0 | 0 | %100 |
| 46 | M40 | Z | 295 | 295 | 0 | %100 |
| 47 | M42 | X | 0 | 0 | 0 | %100 %100 |
| | M42 | ^ | 31 | 31 | 0 | %100 %100 |
| 48 | | | | | | |
| 49 | M44 | X | 0 | 0 | 0 | %100 |
| 50 | M44 | Z | 868 | 868 | 0 | %100 |
| 51 | M45 | X | 0 | 0 | 0 | %100 |
| 52 | M45 | Z | -1.179 | -1.179 | 0 | %100 |
| 53 | M47 | X | 0 | 0 | 0 | %100 |
| 54 | M47 | Z | -1.242 | -1.242 | 0 | %100 |
| 55 | M52A | X | 0 | 0 | 0 | %100 |
| 56 | M52A | Z | 516 | 516 | 0 | %100 %100 |
| 57 | M53 | X | 0 | 0 | 0 | %100 %100 |
| | | Z | | 145 | | |
| 58 | M53 | | 145 | | 0 | %100 |
| 59 | <u>M54</u> | X | 0 | 0 | 0 | %100 |
| 60 | M54 | Z | 145 | 145 | 0 | %100 |
| 61 | M55 | X | 0 | 0 | 0 | %100 |
| 62 | M55 | Z | 289 | 289 | 0 | %100 |
| 63 | M58A | X | 0 | 0 | 0 | %100 |
| 64 | M58A | Z | 643 | 643 | 0 | %100 |
| 65 | M59A | X | 0 | 0 | 0 | %100 |
| 66 | M59A | Z | 161 | 161 | 0 | %100 |
| 67 | M63 | X | 0 | 0 | 0 | %100 %100 |
| 68 | M63 | Z | 868 | 868 | 0 | %100 %100 |
| 69 | M64 | X | 000 | 000 | | %100 %100 |
| | | | | • | 0 | |
| 70 | M64 | Z | -1.179 | -1.179 | 0 | %100 |
| 71 | M66 | X | 0 | 0 | 0 | %100 |
| 72 | M66 | Z | -1.242 | -1.242 | 0 | %100 |
| 73 | M68 | Χ | 0 | 0 | 0 | %100 |
| 74 | M68 | Z | 868 | 868 | 0 | %100 |
| 75 | M69 | Χ | 0 | 0 | 0 | %100 |
| 76 | M69 | Z | 295 | 295 | 0 | %100 |
| 77 | M71 | X | 0 | 0 | 0 | %100 %100 |
| 78 | M71 | Z | 31 | 31 | 0 | %100 %100 |
| | MP1A | X | 31 | 31 | 0 | %100 %100 |
| 79 | | 7 | | • | | |
| 80 | MP1A | Z | 458 | 458 | 0 | %100 |
| 81 | MP4A | X | 0 | 0 | 0 | %100 |
| 82 | MP4A | Z | 458 | 458 | 0 | %100 |
| 83 | MP3A | X | 0 | 0 | 0 | %100 |
| 84 | MP3A | Z | 555 | 555 | 0 | %100 |

Mount Analysis

Aug 11, 2021 10:30 AM Checked By:__

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

| | Member Label | Direction | Start Magnitude[lb/ft, | .End Magnitude[lb/ft,F | . Start Location[ft,%] | End Location[ft,%] |
|-----|--------------|-----------|------------------------|------------------------|------------------------|--------------------|
| 85 | MP2A | X | 0 | 0 | 0 | %100 |
| 86 | MP2A | Z | 458 | 458 | 0 | %100 |
| 87 | MP4B | X | 0 | 0 | 0 | %100 |
| 88 | MP4B | Z | 458 | 458 | 0 | %100 |
| 89 | MP1B | X | 0 | 0 | 0 | %100 |
| 90 | MP1B | Z | 458 | 458 | 0 | %100 |
| 91 | MP3B | X | 0 | 0 | 0 | %100 |
| 92 | MP3B | Z | 555 | 555 | 0 | %100 |
| 93 | MP2B | X | 0 | 0 | 0 | %100 |
| 94 | MP2B | Z | 458 | 458 | 0 | %100 |
| 95 | MP4C | X | 0 | 0 | 0 | %100 |
| 96 | MP4C | Z | 458 | 458 | 0 | %100 |
| 97 | MP3C | X | 0 | 0 | 0 | %100 |
| 98 | MP3C | Z | 555 | 555 | 0 | %100 |
| 99 | MP2C | X | 0 | 0 | 0 | %100 |
| 100 | MP2C | Z | 458 | 458 | 0 | %100 |
| 101 | MP1C | X | 0 | 0 | 0 | %100 |
| 102 | MP1C | Z | 458 | 458 | 0 | %100 |
| 103 | O1 | X | 0 | 0 | 0 | %100 |
| 104 | 01 | Z | 375 | 375 | 0 | %100 |
| 105 | O2 | X | 0 | 0 | 0 | %100 |
| 106 | 02 | Z | 375 | 375 | 0 | %100 |
| 107 | M104 | X | 0 | 0 | 0 | %100 |
| 108 | M104 | Z | 555 | 555 | 0 | %100 |
| 109 | M105 | X | 0 | 0 | 0 | %100 |
| 110 | M105 | Z | 139 | 139 | 0 | %100 |
| 111 | M106 | X | 0 | 0 | 0 | %100 |
| 112 | M106 | Z | 139 | 139 | 0 | %100 |
| 113 | M125 | X | 0 | 0 | 0 | %100 |
| 114 | M125 | Z | 184 | 184 | 0 | %100 |
| 115 | M126 | X | 0 | 0 | 0 | %100 |
| 116 | M126 | Z | 184 | 184 | 0 | %100 |
| 117 | M127 | X | 0 | 0 | 0 | %100 |
| 118 | M127 | Z | 735 | 735 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft, | .End Magnitude[lb/ft,F | . Start Location[ft,%] | End Location[ft,%] |
|----|--------------|-----------|------------------------|------------------------|------------------------|--------------------|
| 1 | M1 | X | .253 | .253 | 0 | %100 |
| 2 | M1 | Z | 439 | 439 | 0 | %100 |
| 3 | M4 | X | .086 | .086 | 0 | %100 |
| 4 | M4 | Ζ | 149 | 149 | 0 | %100 |
| 5 | M10 | X | .218 | .218 | 0 | %100 |
| 6 | M10 | Z | 377 | 377 | 0 | %100 |
| 7 | M43 | X | .218 | .218 | 0 | %100 |
| 8 | M43 | Z | 377 | 377 | 0 | %100 |
| 9 | M46 | X | .434 | .434 | 0 | %100 |
| 10 | M46 | Z | 752 | 752 | 0 | %100 |
| 11 | M51B | X | .241 | .241 | 0 | %100 |
| 12 | M51B | Z | 417 | 417 | 0 | %100 |
| 13 | M52B | X | 0 | 0 | 0 | %100 |
| 14 | M52B | Ζ | 0 | 0 | 0 | %100 |
| 15 | M76 | Χ | .145 | .145 | 0 | %100 |
| 16 | M76 | Z | 251 | 251 | 0 | %100 |
| 17 | M77 | X | .442 | .442 | 0 | %100 |
| 18 | M77 | Z | 766 | 766 | 0 | %100 |
| 19 | M80 | X | .466 | .466 | 0 | %100 |

Mount Analysis

Aug 11, 2021 10:30 AM Checked By:_

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

| | Member Label | Direction | | End Magnitude[lb/ft,F | | End Location[ft,%] |
|----------|--------------|-----------|--------|-----------------------|---|--------------------|
| 20 | M80 | Z | 807 | 807 | 0 | %100 |
| 21 | M84 | X | .145 | .145 | 0 | %100 |
| 22 | M84 | Z | 251 | 251 | 0 | %100 |
| 23 | M85 | X | 0 | 0 | 0 | %100 |
| 24 | M85 | Z | 0 | 0 | 0 | %100 |
| 25 | M91 | X | 0 | 0 | 0 | %100 |
| 26 | M91 | Z | 0 | 0 | 0 | %100 |
| 27 | M26 | X | .253 | .253 | 0 | %100 |
| 28 | M26 | Z | 439 | 439 | 0 | %100 |
| 29 | M27 | Х | 0 | 0 | 0 | %100 |
| 30 | M27 | Z | 0 | 0 | 0 | %100 |
| 31 | M28 | X | .086 | .086 | 0 | %100 |
| 32 | M28 | Z | 149 | 149 | 0 | %100 |
| 33 | M29 | X | .218 | .218 | 0 | %100 |
| 34 | M29 | Z | 377 | 377 | 0 | %100 |
| 35 | M30 | X | .218 | .218 | 0 | %100 |
| 36 | M30 | Z | 377 | 377 | 0 | %100 %100 |
| 37 | M31 | X | .434 | .434 | 0 | %100 %100 |
| 38 | M31 | Z | 752 | 752 | 0 | %100 %100 |
| 39 | M34 | X | 0 | 0 | 0 | %100 %100 |
| 40 | M34 | Z | 0 | 0 | 0 | %100 %100 |
| 41 | M35 | X | .241 | .241 | 0 | %100 %100 |
| 42 | M35 | Z | 417 | 417 | 0 | %100 %100 |
| 43 | M39 | X | .145 | .145 | 0 | %100 %100 |
| 44 | M39 | Z | 251 | 251 | 0 | %100 %100 |
| 45 | M40 | X | | | | %100 %100 |
| | | Z | 0 | 0 | 0 | %100 %100 |
| 46 47 | M40 | | • | | | |
| | M42 | X | 0 | 0 | 0 | %100 %400 |
| 48 | M42 | Z | 0 | 0 | 0 | %100 |
| 49 | M44 | X | .145 | .145 | 0 | %100 |
| 50 | M44 | Z | 251 | 251 | 0 | %100 |
| 51 | M45 | X Z | .442 | .442 | 0 | %100 |
| 52 | M45 | | 766 | 766 | 0 | %100 %400 |
| 53 | M47 | X | .466 | .466 | 0 | %100 |
| 54 | M47 | Z | 807 | 807 | 0 | %100 |
| 55 | M52A | X | .344 | .344 | 0 | %100 |
| 56 | M52A | Z | 596 | 596 | 0 | %100 |
| 57 | <u>M53</u> | X | 0 | 0 | 0 | %100 |
| 58 | <u>M53</u> | Z | 0 | 0 | 0 | %100 |
| 59 | M54 | X | 0 | 0 | 0 | %100 |
| 60 | <u>M54</u> | Z | 0 | 0 | 0 | %100 |
| 61 | <u>M55</u> | X | 0 | 0 | 0 | %100 |
| 62 | <u>M55</u> | Z | 0 | 0 | 0 | %100 |
| 63 | M58A | X | .241 | .241 | 0 | %100 |
| 64 | M58A | Z | 417 | 417 | 0 | %100 |
| 65 | M59A | X | .241 | .241 | 0 | %100 |
| 66 | M59A | Z | 417 | 417 | 0 | %100 |
| 67 | M63 | X | .579 | .579 | 0 | %100 |
| 68 | M63 | Z | -1.002 | -1.002 | 0 | %100 |
| 69 | M64 | X | .442 | .442 | 0 | %100 |
| 70 | M64 | Z | 766 | 766 | 0 | %100 |
| 71 | M66 | X | .466 | .466 | 0 | %100 |
| 72 | M66 | Z | 807 | 807 | 0 | %100 |
| 73 | M68 | X | .579 | .579 | 0 | %100 |
| 74 | M68 | Z | -1.002 | -1.002 | 0 | %100 |
| 75 | M69 | X | .442 | .442 | 0 | %100 |
| 76 | M69 | Z | 766 | 766 | 0 | %100 |

Mount Analysis

Aug 11, 2021 10:30 AM Checked By:__

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

| | Member Label | Direction | Start Magnitude[lb/ft, | .End Magnitude[lb/ft,F | . Start Location[ft,%] | End Location[ft,%] |
|-----|--------------|-----------|------------------------|------------------------|------------------------|--------------------|
| 77 | M71 | X | .466 | .466 | 0 | %100 |
| 78 | M71 | Z | 807 | 807 | 0 | %100 |
| 79 | MP1A | X | .229 | .229 | 0 | %100 |
| 80 | MP1A | Z | 397 | 397 | 0 | %100 |
| 81 | MP4A | X | .229 | .229 | 0 | %100 |
| 82 | MP4A | Z | 397 | 397 | 0 | %100 |
| 83 | MP3A | X | .277 | .277 | 0 | %100 |
| 84 | MP3A | Z | 48 | 48 | 0 | %100 |
| 85 | MP2A | X | .229 | .229 | 0 | %100 |
| 86 | MP2A | Z | 397 | 397 | 0 | %100 |
| 87 | MP4B | X | .229 | .229 | 0 | %100 |
| 88 | MP4B | Z | 397 | 397 | 0 | %100 |
| 89 | MP1B | X | .229 | .229 | 0 | %100 |
| 90 | MP1B | Z | 397 | 397 | 0 | %100 |
| 91 | MP3B | X | .277 | .277 | 0 | %100 |
| 92 | MP3B | Z | 48 | 48 | 0 | %100 |
| 93 | MP2B | X | .229 | .229 | 0 | %100 |
| 94 | MP2B | Z | 397 | 397 | 0 | %100 |
| 95 | MP4C | X | .229 | .229 | 0 | %100 |
| 96 | MP4C | Z | 397 | 397 | 0 | %100 |
| 97 | MP3C | Х | .277 | .277 | 0 | %100 |
| 98 | MP3C | Z | 48 | 48 | 0 | %100 |
| 99 | MP2C | Х | .229 | .229 | 0 | %100 |
| 100 | MP2C | Z | 397 | 397 | 0 | %100 |
| 101 | MP1C | Х | .229 | .229 | 0 | %100 |
| 102 | MP1C | Z | 397 | 397 | 0 | %100 |
| 103 | 01 | Χ | .187 | .187 | 0 | %100 |
| 104 | 01 | Z | 324 | 324 | 0 | %100 |
| 105 | 02 | X | .187 | .187 | 0 | %100 |
| 106 | 02 | Z | 324 | 324 | 0 | %100 |
| 107 | M104 | X | .208 | .208 | 0 | %100 |
| 108 | M104 | Z | 36 | 36 | 0 | %100 |
| 109 | M105 | X | .208 | .208 | 0 | %100 |
| 110 | M105 | Z | 36 | 36 | 0 | %100 |
| 111 | M106 | X | 0 | 0 | 0 | %100 |
| 112 | M106 | Z | 0 | 0 | 0 | %100 |
| 113 | M125 | X | .275 | .275 | 0 | %100 |
| 114 | M125 | Z | 477 | 477 | 0 | %100 |
| 115 | M126 | X | 0 | 0 | 0 | %100 |
| 116 | M126 | Z | 0 | 0 | 0 | %100 |
| 117 | M127 | X | .275 | .275 | 0 | %100 |
| 118 | M127 | Z | 477 | 477 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft, | .End Magnitude[lb/ft,F | . Start Location[ft,%] | End Location[ft,%] |
|----|--------------|-----------|------------------------|------------------------|------------------------|--------------------|
| 1 | M1 | X | .146 | .146 | 0 | %100 |
| 2 | M1 | Z | 084 | 084 | 0 | %100 |
| 3 | M4 | X | .447 | .447 | 0 | %100 |
| 4 | M4 | Z | 258 | 258 | 0 | %100 |
| 5 | M10 | X | .126 | .126 | 0 | %100 |
| 6 | M10 | Z | 073 | 073 | 0 | %100 |
| 7 | M43 | X | .126 | .126 | 0 | %100 |
| 8 | M43 | Z | 073 | 073 | 0 | %100 |
| 9 | M46 | X | .251 | .251 | 0 | %100 |
| 10 | M46 | Z | 145 | 145 | 0 | %100 |
| 11 | M51B | Χ | .557 | .557 | 0 | %100 |

Mount Analysis

Aug 11, 2021 10:30 AM Checked By:_

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

| | Member Label | Direction | Start Magnitude[lb/ft,. | End Magnitude[lb/ft,F | . Start Location[ft,%] | End Location[ft,%] |
|----|--------------|-----------|-------------------------|-----------------------|------------------------|--------------------|
| 12 | M51B | Z | 321 | 321 | 0 | %100 |
| 13 | M52B | X | .139 | .139 | 0 | %100 |
| 14 | M52B | Z | 08 | 08 | 0 | %100 |
| 15 | M76 | X | .752 | .752 | 0 | %100 |
| 16 | M76 | Z | 434 | 434 | 0 | %100 |
| 17 | M77 | X | 1.021 | 1.021 | 0 | %100 |
| 18 | M77 | Z | 589 | 589 | 0 | %100 |
| 19 | M80 | X | 1.075 | 1.075 | 0 | %100 |
| 20 | M80 | Z | 621 | 621 | 0 | %100 |
| 21 | M84 | X | .752 | .752 | 0 | %100 |
| 22 | M84 | Z | 434 | 434 | 0 | %100 |
| 23 | M85 | X | .255 | .255 | 0 | %100 |
| 24 | M85 | Z | 147 | 147 | 0 | %100 |
| 25 | M91 | X | .269 | .269 | 0 | %100 |
| 26 | M91 | Z | 155 | 155 | 0 | %100 |
| 27 | M26 | X | .585 | .585 | 0 | %100 |
| 28 | M26 | Z | 338 | 338 | 0 | %100 |
| 29 | M27 | X | .146 | .146 | 0 | %100 |
| 30 | M27 | Z | 084 | 084 | 0 | %100 |
| 31 | M28 | X | 0 | 0 | 0 | %100 |
| 32 | M28 | Z | 0 | 0 | 0 | %100 |
| 33 | M29 | X | .503 | .503 | 0 | %100 |
| 34 | M29 | Z | 29 | 29 | 0 | %100 |
| 35 | M30 | X | .503 | .503 | 0 | %100 |
| 36 | M30 | Z | 29 | 29 | 0 | %100 |
| 37 | M31 | X | 1.002 | 1.002 | 0 | %100 |
| 38 | M31 | Z | 579 | 579 | 0 | %100 |
| 39 | M34 | X | .139 | .139 | 0 | %100 |
| 40 | M34 | Z | 08 | 08 | 0 | %100 |
| 41 | M35 | X | .139 | .139 | 0 | %100 |
| 42 | M35 | Z | 08 | 08 | 0 | %100 |
| 43 | M39 | X | 0 | 0 | 0 | %100 |
| 44 | M39 | Z | 0 | 0 | 0 | %100 |
| 45 | M40 | X | .255 | .255 | 0 | %100 |
| 46 | M40 | Z | 147 | 147 | 0 | %100 |
| 47 | M42 | X | .269 | .269 | 0 | %100 |
| 48 | M42 | Z | 155 | 155 | 0 | %100 |
| 49 | M44 | X | 0 | 0 | 0 | %100 |
| 50 | M44 | Z | 0 | 0 | 0 | %100 |
| 51 | M45 | X | .255 | .255 | 0 | %100 |
| 52 | M45 | Z | 147 | 147 | 0 | %100 |
| 53 | M47 | X | .269 | .269 | 0 | %100 |
| 54 | M47 | Z | 155 | 155 | 0 | %100 |
| 55 | M52A | X | .447 | .447 | 0 | %100 |
| 56 | M52A | Z | 258 | 258 | 0 | %100 |
| 57 | M53 | X | .126 | .126 | 0 | %100 |
| 58 | M53 | Z | 073 | 073 | 0 | %100 |
| 59 | M54 | X | .126 | .126 | 0 | %100 |
| 60 | M54 | Z | 073 | 073 | 0 | %100 |
| 61 | M55 | X | .251 | .251 | 0 | %100 |
| 62 | M55 | Z | 145 | 145 | 0 | %100 |
| 63 | M58A | X | .139 | .139 | 0 | %100 |
| 64 | M58A | Z | 08 | 08 | 0 | %100 |
| 65 | M59A | X | .557 | .557 | 0 | %100 |
| 66 | M59A | Z | 321 | 321 | 0 | %100 |
| 67 | M63 | X | .752 | .752 | 0 | %100 |
| 68 | M63 | Z | 434 | 434 | 0 | %100 |

: Mount Analysis

Aug 11, 2021 10:30 AM Checked By:___

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

| | Member Label | Direction | Start Magnitude[lb/ft, | End Magnitude[lb/ft,F | . Start Location[ft,%] | End Location[ft,%] |
|-----|--------------|-----------|------------------------|-----------------------|------------------------|--------------------|
| 69 | M64 | Χ | .255 | .255 | 0 | %100 |
| 70 | M64 | Z | 147 | 147 | 0 | %100 |
| 71 | M66 | Χ | .269 | .269 | 0 | %100 |
| 72 | M66 | Z | 155 | 155 | 0 | %100 |
| 73 | M68 | Χ | .752 | .752 | 0 | %100 |
| 74 | M68 | Z | 434 | 434 | 0 | %100 |
| 75 | M69 | Χ | 1.021 | 1.021 | 0 | %100 |
| 76 | M69 | Z | 589 | 589 | 0 | %100 |
| 77 | M71 | Χ | 1.075 | 1.075 | 0 | %100 |
| 78 | M71 | Z | 621 | 621 | 0 | %100 |
| 79 | MP1A | X | .397 | .397 | 0 | %100 |
| 80 | MP1A | Z | 229 | 229 | 0 | %100 |
| 81 | MP4A | X | .397 | .397 | 0 | %100 |
| 82 | MP4A | Z | 229 | 229 | 0 | %100 |
| 83 | MP3A | Χ | .48 | .48 | 0 | %100 |
| 84 | MP3A | Z | 277 | 277 | 0 | %100 |
| 85 | MP2A | X | .397 | .397 | 0 | %100 |
| 86 | MP2A | Z | 229 | 229 | 0 | %100 |
| 87 | MP4B | X | .397 | .397 | 0 | %100 |
| 88 | MP4B | Z | 229 | 229 | 0 | %100 |
| 89 | MP1B | X | .397 | .397 | 0 | %100 |
| 90 | MP1B | Z | 229 | 229 | 0 | %100 |
| 91 | MP3B | X | .48 | .48 | 0 | %100 |
| 92 | MP3B | Z | 277 | 277 | 0 | %100 |
| 93 | MP2B | Χ | .397 | .397 | 0 | %100 |
| 94 | MP2B | Z | 229 | 229 | 0 | %100 |
| 95 | MP4C | X | .397 | .397 | 0 | %100 |
| 96 | MP4C | Z | 229 | 229 | 0 | %100 |
| 97 | MP3C | X | .48 | .48 | 0 | %100 |
| 98 | MP3C | Z | 277 | 277 | 0 | %100 |
| 99 | MP2C | <u>X</u> | .397 | .397 | 0 | %100 |
| 100 | MP2C | Z | 229 | 229 | 0 | %100 |
| 101 | MP1C | <u>X</u> | .397 | .397 | 0 | %100 |
| 102 | MP1C | Z | 229 | 229 | 0 | %100 |
| 103 | 01 | X | .324 | .324 | 0 | %100 |
| 104 | 01 | <u>Z</u> | 187 | 187 | 0 | %100 |
| 105 | O2 | X | .324 | .324 | 0 | %100 %100 |
| 106 | O2 | <u>Z</u> | 187 | 187 | 0 | %100 %100 |
| 107 | M104 | X | .12 | .12 | 0 | %100 %100 |
| 108 | M104 | | 069 | 069 | 0 | %100 %100 |
| 109 | M105 M105 | X | .48 277 | .48 277 | 0 | %100 %100 |
| 111 | | | | | | %100 %100 |
| 112 | M106 M106 | X | .12 069 | .12 069 | 0 | %100 %100 |
| 113 | M125 | X | .636 | .636 | 0 | %100 %100 |
| 114 | M125 | X | 367 | 367 | 0 | %100 %100 |
| 115 | M126 | X | .159 | .159 | 0 | %100 %100 |
| 116 | M126 | Z | 092 | 092 | 0 | %100 %100 |
| 117 | M127 | X | .159 | .159 | 0 | %100 %100 |
| 118 | M127 | ^ | 092 | 092 | 0 | %100 %100 |
| 110 | IVI I Z I | | 092 | 092 | U | /0100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft, | .End Magnitude[lb/ft,F | . Start Location[ft,%] | End Location[ft,%] |
|---|--------------|-----------|------------------------|------------------------|------------------------|--------------------|
| 1 | M1 | X | 0 | 0 | 0 | %100 |
| 2 | M1 | Z | 0 | 0 | 0 | %100 |
| 3 | M4 | X | .688 | .688 | 0 | %100 |

Mount Analysis

Aug 11, 2021 10:30 AM Checked By:__

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

| 4 | Member Label | | _ | End Magnitude[lb/ft,F | _ | End Location[ft,%] |
|----|--------------|--------|-------|-----------------------|---|--------------------|
| 4 | M4 | Z | 0 | 0 | 0 | %100 %400 |
| 5 | M10 | X Z | 0 | 0 | 0 | %100 |
| 6 | M10 | | 0 | 0 | 0 | %100 %400 |
| 7 | M43 | X | 0 | 0 | 0 | %100 |
| 8 | M43 | Z | 0 | 0 | 0 | %100 |
| 9 | M46 | X | 0 | 0 | 0 | %100 |
| 10 | M46 | Z | 0 | 0 | 0 | %100 |
| 11 | M51B | X | .482 | .482 | 0 | %100 |
| 12 | M51B | Z | 0 | 0 | 0 | %100 |
| 13 | M52B | X | .482 | .482 | 0 | %100 |
| 14 | M52B | Z | 0 | 0 | 0 | %100 |
| 15 | M76 | X | 1.157 | 1.157 | 0 | %100 |
| 16 | M76 | Z | 0 | 0 | 0 | %100 |
| 17 | M77 | X | .884 | .884 | 0 | %100 |
| 18 | M77 | Z | 0 | 0 | 0 | %100 |
| 19 | M80 | X | .931 | .931 | 0 | %100 |
| 20 | M80 | Z | 0 | 0 | 0 | %100 |
| 21 | M84 | X | 1.157 | 1.157 | 0 | %100 |
| 22 | M84 | Z | 0 | 0 | 0 | %100 |
| 23 | M85 | X | .884 | .884 | 0 | %100 |
| 24 | M85 | Z | 0 | 0 | 0 | %100 |
| 25 | M91 | X | .931 | .931 | 0 | %100 |
| 26 | M91 | Z | 0 | 0 | 0 | %100 |
| 27 | M26 | X | .506 | .506 | 0 | %100 |
| 28 | M26 | Z | 0 | 0 | 0 | %100 |
| 29 | M27 | X | .506 | .506 | 0 | %100 |
| 30 | M27 | Z | 0 | 0 | 0 | %100 |
| 31 | M28 | X | .172 | .172 | 0 | %100 |
| 32 | M28 | Z | 0 | 0 | 0 | %100 |
| 33 | M29 | X | .435 | .435 | 0 | %100 |
| 34 | M29 | Z | 0 | 0 | 0 | %100 |
| 35 | M30 | X | .435 | .435 | 0 | %100 |
| 36 | M30 | Z | 0 | 0 | 0 | %100 |
| 37 | M31 | X | .868 | .868 | 0 | %100 |
| 38 | M31 | Z | 0 | 0 | 0 | %100 |
| 39 | M34 | X | .482 | .482 | 0 | %100 |
| 40 | M34 | Z | 0 | 0 | 0 | %100 |
| 41 | M35 | X | 0 | 0 | 0 | %100 |
| 42 | M35 | Z | 0 | 0 | 0 | %100 |
| 43 | M39 | X | .289 | .289 | 0 | %100 |
| 44 | M39 | Z | 0 | 0 | 0 | %100 |
| 45 | M40 | X | .884 | .884 | 0 | %100 |
| 46 | M40 | Z | 0 | 0 | 0 | %100 |
| 47 | M42 | X | .931 | .931 | 0 | %100 |
| 48 | M42 | Z | 0 | 0 | 0 | %100 |
| 49 | M44 | X | .289 | .289 | 0 | %100 |
| 50 | M44 | Z | 0 | 0 | 0 | %100 |
| 51 | M45 | X | 0 | 0 | 0 | %100 |
| 52 | M45 | Z | 0 | 0 | 0 | %100 |
| 53 | M47 | X | 0 | 0 | 0 | %100 |
| 54 | M47 | Z | 0 | 0 | 0 | %100 |
| 55 | M52A | Х | .172 | .172 | 0 | %100 |
| 56 | M52A | Z | 0 | 0 | 0 | %100 |
| 57 | M53 | X | .435 | .435 | 0 | %100 |
| 58 | M53 | Z | 0 | 0 | 0 | %100 |
| 59 | M54 | X | .435 | .435 | 0 | %100 |
| 60 | M54 | Z | 0 | 0 | 0 | %100 |

Mount Analysis

Aug 11, 2021 10:30 AM Checked By:_

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

| 61 M56 | | Member Label | Direction | Start Magnitude[lb/ft, | .End Magnitude[lb/ft,F. | Start Location[ft,%] | End Location[ft,%] |
|---|----|--------------|-----------|------------------------|-------------------------|----------------------|--------------------|
| 62 M55 Z 0 0 0 %100 64 MS8A Z 0 0 0 %100 65 MS9A X 482 482 0 %100 66 MS9A Z 0 0 0 %100 68 M63 Z 0 0 0 %100 70 M64 Z 0 0 0 %100 72 M66 Z 0 0 0 %100 72 M66 Z 0 0 0 %100 73 M68 X 289 289 0 %100 74 M68 Z 0 0 0 | 61 | | | | | | |
| 63 | | | Z | | | 0 | %100 |
| 64 | | | | 0 | 0 | | |
| 65 | | | | | | | |
| 66 M59A Z 0 0 %100 67 M63 X 289 289 0 %100 68 M63 Z 0 0 0 0 %100 70 M64 X 0 0 0 0 %1100 71 M66 X 0 0 0 0 %1100 72 M68 Z 0 0 0 %1100 73 M68 X 2.89 2.89 0 %6100 74 M68 Z 0 0 0 %100 75 M69 X .884 .884 0 %6100 75 M69 X .884 .884 0 %6100 77 M71 X .931 .931 0 %6100 77 M71 X .931 .931 0 %6100 78 M71 X <td></td> <td></td> <td></td> <td>.482</td> <td>.482</td> <td></td> <td></td> | | | | .482 | .482 | | |
| 67 | | | Z | | | | |
| 68 M63 Z 0 0 0 %100 70 M64 Z 0 0 0 %100 71 M66 X 0 0 0 %100 72 M66 Z 0 0 0 %100 73 M68 X 289 289 0 %100 74 M68 Z 0 0 0 %100 75 M69 X .884 .884 0 %1100 75 M69 X .884 .884 0 %1100 77 M71 X .931 .931 0 %6100 77 M71 X .931 .931 0 %6100 77 M71 X .931 .931 0 %6100 79 MP1A X .458 .458 0 %6100 80 MP1A X .458 < | | | X | 289 | .289 | | |
| 68 | | | 7 | | | | |
| TO | | | | | | | |
| T1 | | | | - | | | |
| T2 | | | | | 0 | | |
| T3 | | | | | i | | |
| 74 M68 Z 0 0 %100 75 M69 X 884 884 0 %100 76 M69 Z 0 0 0 %100 77 M71 X 931 931 0 %100 78 M71 Z 0 0 0 %100 79 MP1A X 458 458 0 %100 80 MP1A Z 0 0 0 %100 81 MP4A X 458 458 0 %100 82 MP4A Z 0 0 0 %100 82 MP4A Z 0 0 0 %100 84 MP3A X .555 .555 0 %100 84 MP3A X .458 458 0 %100 85 MP2A X .458 458 0 | | | | - | | | |
| T5 | | | | | | | |
| Tell | | | | | | | |
| T77 | | | | | | | |
| 78 M71 Z 0 0 %100 80 MP1A Z 0 0 %100 81 MP4A X 458 458 0 %100 82 MP4A Z 0 0 0 %100 83 MP3A X 5555 5555 0 %100 84 MP3A Z 0 0 0 %100 84 MP3A Z 0 0 0 %100 85 MP2A X 458 458 0 %100 86 MP2A Z 0 0 0 %100 88 MP4B X 458 458 0 %100 89 MP1B X 458 458 0 %100 90 MP1B X 458 458 0 %100 91 MP3B X 555 555 0 %100 </td <td></td> <td></td> <td></td> <td>-</td> <td>-</td> <td></td> <td></td> | | | | - | - | | |
| To MP1A | | | 7 | | | | |
| 80 MP1A Z 0 0 %100 81 MP4A X .458 .458 0 %100 82 MP4A Z 0 0 0 %100 83 MP3A X .555 .555 0 %100 84 MP3A Z 0 0 0 %100 85 MP2A X .458 .458 0 %100 86 MP2A Z 0 0 0 %100 86 MP2A Z 0 0 0 %100 88 MP4B X .458 .458 0 %100 89 MP1B X .458 .458 0 %100 90 MP1B X .458 .458 0 %100 91 MP3B X .555 .555 0 %100 92 MP3B X .555 .555 | | | | | | | |
| 81 MP4A X .458 .458 0 %100 82 MP4A Z 0 0 0 %100 83 MP3A X .555 .555 0 %100 84 MP3A Z 0 0 0 %100 85 MP2A X .458 .458 0 %100 86 MP2A Z 0 0 0 %100 87 MP4B X .458 .458 0 %100 87 MP4B Z 0 0 0 %100 89 MP1B X .458 .458 0 %100 90 MP1B Z 0 0 0 %100 91 MP3B X .555 .555 0 %100 92 MP3B X .458 .458 0 %100 93 MP2B X .458 | | | | | | _ | |
| 82 MPAA Z 0 0 %100 83 MP3A X .5555 .555 0 %100 84 MP3A Z 0 0 0 %100 85 MP2A X .458 .458 0 %100 86 MP2A Z 0 0 0 %100 87 MP4B X .458 .458 0 %100 88 MP4B X .458 .458 0 %100 89 MP1B X .458 .458 0 %100 90 MP1B X .458 .458 0 %100 91 MP3B X .5555 .555 0 %100 92 MP3B X .5555 .555 0 %100 93 MP2B X .458 .458 0 %100 94 MP2B X .458 | | | | | | | |
| 83 MP3A X .555 .555 0 %100 84 MP3A Z 0 0 0 %100 86 MP2A X .458 .458 0 %100 87 MP4B X .458 .458 0 %100 87 MP4B X .458 .458 0 %100 89 MP1B X .458 .458 0 %100 89 MP1B X .458 .458 0 %100 90 MP1B X .458 .458 0 %100 91 MP3B X .555 .555 0 %100 92 MP3B X .555 .555 0 %100 92 MP3B X .458 .458 0 %100 94 MP2B X .458 .458 .0 %100 95 MP4C X | | | 7 | | | | |
| 84 MP2A X .458 .458 0 %100 86 MP2A Z 0 0 0 %100 87 MP4B X .458 .458 0 %100 88 MP4B Z 0 0 0 %100 89 MP1B X .458 .458 0 %100 90 MP1B X .458 .458 0 %100 91 MP3B X .555 .555 .555 0 %100 91 MP3B X .555 .555 .555 .0 %100 92 MP3B Z 0 0 0 %100 94 MP2B X .458 .458 0 %100 94 MP2B Z 0 0 0 %100 95 MP4C X .458 .458 0 %100 97 MP | | | | - | | | |
| 85 MP2A X .458 .458 0 %100 86 MP2A Z 0 0 0 %100 87 MP4B X .458 .458 0 %100 88 MP4B Z 0 0 0 %100 89 MP1B X .458 .458 0 %100 90 MP1B Z 0 0 0 %100 91 MP3B X .555 .555 0 %100 92 MP3B Z 0 0 0 %100 92 MP3B Z 0 0 0 %100 94 MP2B X .458 .458 0 %100 94 MP2B Z 0 0 0 %100 96 MP4C X .458 .458 0 %100 97 MP3C X .555 | | | | | | | |
| 86 MP2A Z 0 0 %100 87 MP4B X .458 .458 0 %100 88 MP4B Z 0 0 0 %100 89 MP1B X .458 .458 0 %100 90 MP1B Z 0 0 0 %100 91 MP3B X .555 .555 0 %100 92 MP3B X .555 .555 0 %100 92 MP3B X .458 .458 0 %100 93 MP2B X .458 .458 0 %100 95 MP4C X .458 .458 0 %100 96 MP4C Z 0 0 0 %100 98 MP3C Z 0 0 0 %100 99 MP2C X .458 .458 | | | | | | | |
| 87 MP4B X .458 .458 0 %100 88 MP4B Z 0 0 0 %100 89 MP1B X .458 .458 0 %1100 90 MP1B Z 0 0 0 %1100 91 MP3B X .555 .555 0 %1100 92 MP3B Z 0 0 0 %100 92 MP3B Z 0 0 0 %100 93 MP2B X .458 .458 0 %1100 94 MP2B Z 0 0 0 %100 95 MP4C X .458 .458 0 %1100 96 MP4C Z 0 0 0 %100 97 MP3C X .555 .555 .0 %100 98 MP3C Z 0 | | | 7 | | | | |
| 88 MP4B Z 0 0 %100 89 MP1B X .458 .458 0 %100 90 MP1B Z 0 0 0 %100 91 MP3B X .555 .555 0 %100 92 MP3B Z 0 0 0 %100 93 MP2B X .458 .458 0 %100 94 MP2B Z 0 0 0 %100 95 MP4C X .458 .458 0 %100 96 MP4C X .458 .458 0 %100 97 MP3C X .555 .555 .555 0 %100 98 MP3C X .458 .458 0 %100 100 MP2C X .458 .458 0 %100 101 MP1C X . | | | | - | - | | |
| 89 MP1B X .458 .458 .0 %100 90 MP1B Z 0 0 0 %100 91 MP3B X .555 .555 0 %100 92 MP3B Z 0 0 0 %100 93 MP2B X .458 .458 0 %100 94 MP2B Z 0 0 0 %100 94 MP2B Z 0 0 0 %100 95 MP4C X .458 .458 0 %100 96 MP4C Z 0 0 0 %100 97 MP3C X .555 .555 0 %100 99 MP2C X .458 .458 0 %100 100 MP2C Z 0 0 0 %100 101 MP1C X .458 | | | 7 | | | | |
| 90 MP1B Z 0 0 %100 91 MP3B X .555 .555 0 %100 92 MP3B Z 0 0 0 %100 93 MP2B X .458 .458 0 %100 94 MP2B Z 0 0 0 %100 95 MP4C X .458 .458 0 %100 96 MP4C Z 0 0 0 %100 97 MP3C X .555 .555 0 %100 98 MP3C Z 0 0 0 %100 99 MP2C X .458 .458 0 %100 100 MP2C X .458 .458 0 %100 101 MP1C X .458 .458 0 %100 102 MP1C Z 0 0 | | | | Ţ | | | |
| 91 MP3B X .555 .555 0 %100 92 MP3B Z 0 0 0 %100 93 MP2B X .458 .458 0 %100 94 MP2B Z 0 0 0 %100 95 MP4C X .458 .458 0 %100 96 MP4C Z 0 0 0 %100 97 MP3C X .555 .555 0 %100 98 MP3C Z 0 0 0 %100 99 MP2C X .458 .458 0 %100 100 MP2C Z 0 0 0 %100 101 MP1C X .458 .458 0 %100 102 MP1C Z 0 0 0 %100 103 O1 X .375 | | | | | | | |
| 92 MP3B Z 0 0 %100 93 MP2B X .458 .458 0 %100 94 MP2B Z 0 0 0 %100 95 MP4C X .458 .458 0 %100 96 MP4C Z 0 0 0 %100 97 MP3C X .555 .555 0 %100 98 MP3C Z 0 0 0 %100 99 MP2C X .458 .458 0 %100 100 MP2C Z 0 0 0 %100 101 MP1C X .458 .458 0 %100 102 MP1C Z 0 0 0 %100 103 O1 X .375 .375 0 %100 104 O1 Z 0 0 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<> | | | | | | | |
| 93 MP2B X .458 .458 0 %100 94 MP2B Z 0 0 0 %100 95 MP4C X .458 .458 0 %100 96 MP4C Z 0 0 0 %100 97 MP3C X .555 .555 0 %100 98 MP3C Z 0 0 0 %100 99 MP2C X .458 .458 0 %100 100 MP2C Z 0 0 0 %100 101 MP1C X .458 .458 0 %100 102 MP1C Z 0 0 0 %100 103 O1 X .375 .375 0 %100 104 O1 Z 0 0 0 %100 105 O2 X .375 | | | | | | | |
| 94 MP2B Z 0 0 %100 95 MP4C X .458 .458 0 %100 96 MP4C Z 0 0 0 %100 97 MP3C X .555 .555 0 %100 98 MP3C Z 0 0 0 %100 99 MP2C X .458 .458 0 %100 100 MP2C Z 0 0 0 %100 101 MP1C X .458 .458 0 %100 102 MP1C Z 0 0 0 %100 103 O1 X .375 .375 0 %100 104 O1 Z 0 0 0 %100 105 O2 X .375 .375 0 %100 106 O2 Z 0 0 | | | | - | | | |
| 95 MP4C X .458 .458 0 %100 96 MP4C Z 0 0 0 %100 97 MP3C X .555 .555 0 %100 98 MP3C Z 0 0 0 %100 99 MP2C X .458 .458 0 %100 100 MP2C Z 0 0 0 %100 101 MP1C X .458 .458 0 %100 102 MP1C Z 0 0 0 %100 102 MP1C Z 0 0 0 %100 103 O1 X .375 .375 0 %100 104 O1 Z 0 0 0 %100 105 O2 X .375 .375 0 %100 106 O2 Z 0 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<> | | | | | | | |
| 96 MP4C Z 0 0 %100 97 MP3C X .555 .555 0 %100 98 MP3C Z 0 0 0 %100 99 MP2C X .458 .458 0 %100 100 MP2C Z 0 0 0 %100 101 MP1C X .458 .458 0 %100 102 MP1C Z 0 0 0 %100 103 O1 X .375 .375 0 %100 104 O1 Z 0 0 0 %100 105 O2 X .375 .375 0 %100 106 O2 Z 0 0 0 %100 107 M104 X 0 0 0 %100 108 M104 X 0 0 0 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> | | | | | | | |
| 97 MP3C X .555 .555 0 %100 98 MP3C Z 0 0 0 %100 99 MP2C X .458 .458 0 %100 100 MP2C Z 0 0 0 %100 101 MP1C X .458 .458 0 %100 102 MP1C Z 0 0 0 %100 103 O1 X .375 .375 0 %100 104 O1 Z 0 0 0 %100 105 O2 X .375 .375 0 %100 106 O2 Z 0 0 0 %100 107 M104 X 0 0 0 %100 109 M104 X 0 0 0 %100 109 M105 X .416 | | | 7 | | | | |
| 98 MP3C Z 0 0 %100 99 MP2C X .458 .458 0 %100 100 MP2C Z 0 0 0 %100 101 MP1C X .458 .458 0 %100 102 MP1C Z 0 0 0 %100 103 O1 X .375 .375 0 %100 104 O1 Z 0 0 0 %100 105 O2 X .375 .375 0 %100 106 O2 Z 0 0 0 %100 107 M104 X 0 0 0 %100 108 M104 X 0 0 0 %100 109 M105 X .416 .416 0 %100 110 M105 X .416 .416 | | | | - | - | | |
| 99 MP2C X .458 .458 0 %100 100 MP2C Z 0 0 0 %100 101 MP1C X .458 .458 0 %100 102 MP1C Z 0 0 0 %100 103 O1 X .375 .375 0 %100 104 O1 Z 0 0 0 %100 105 O2 X .375 .375 0 %100 106 O2 X .375 .375 0 %100 106 O2 X .375 .375 0 %100 107 M104 X 0 0 0 %100 107 M104 X 0 0 0 %100 108 M104 X 0 0 0 %100 109 M105 X .416 | | | 7 | | | | |
| 100 MP2C Z 0 0 %100 101 MP1C X .458 .458 0 %100 102 MP1C Z 0 0 0 %100 103 O1 X .375 .375 0 %100 104 O1 Z 0 0 0 %100 105 O2 X .375 .375 0 %100 106 O2 Z 0 0 0 %100 107 M104 X 0 0 0 %100 108 M104 X 0 0 0 %100 109 M105 X .416 .416 0 %100 110 M105 X .416 .416 0 %100 111 M106 X .416 .416 0 %100 112 M106 Z 0 0 | | | | | | | |
| 101 MP1C X .458 .458 0 %100 102 MP1C Z 0 0 0 %100 103 O1 X .375 .375 0 %100 104 O1 Z 0 0 0 %100 105 O2 X .375 .375 0 %100 106 O2 Z 0 0 0 %100 107 M104 X 0 0 0 %100 108 M104 X 0 0 0 %100 109 M105 X .416 .416 0 %100 110 M105 X .416 .416 0 %100 111 M106 X .416 .416 0 %100 112 M106 X .551 .551 0 %100 114 M125 X .551 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> | | | | | | | |
| 102 MP1C Z 0 0 %100 103 O1 X .375 .375 0 %100 104 O1 Z 0 0 0 %100 105 O2 X .375 .375 0 %100 106 O2 Z 0 0 0 %100 107 M104 X 0 0 0 %100 108 M104 X 0 0 0 %100 109 M105 X .416 .416 0 %100 110 M105 X .416 .416 0 %100 111 M106 X .416 .416 0 %100 112 M106 X .551 .551 0 %100 113 M125 X .551 .551 0 %100 115 M126 X .551 .551 | | | | | | | %100 |
| 103 O1 X .375 .375 0 %100 104 O1 Z 0 0 0 %100 105 O2 X .375 .375 0 %100 106 O2 Z 0 0 0 %100 107 M104 X 0 0 0 %100 108 M104 Z 0 0 0 %100 109 M105 X .416 .416 0 %100 110 M105 Z 0 0 %100 111 M106 X .416 .416 0 %100 112 M106 Z 0 0 %100 113 M125 X .551 .551 0 %100 114 M126 X .551 .551 0 %100 116 M126 Z 0 0 0 | | | Z | | | | |
| 104 O1 Z 0 0 %100 105 O2 X .375 .375 0 %100 106 O2 Z 0 0 0 %100 107 M104 X 0 0 0 %100 108 M104 Z 0 0 0 %100 109 M105 X .416 .416 0 %100 110 M105 Z 0 0 0 %100 111 M106 X .416 .416 0 %100 112 M106 Z 0 0 0 %100 113 M125 X .551 .551 0 %100 115 M126 X .551 .551 0 %100 116 M126 Z 0 0 0 %100 | | | | • | | - | |
| 105 O2 X .375 .375 0 %100 106 O2 Z 0 0 0 %100 107 M104 X 0 0 0 %100 108 M104 Z 0 0 0 %100 109 M105 X .416 .416 0 %100 110 M105 Z 0 0 0 %100 111 M106 X .416 .416 0 %100 112 M106 Z 0 0 0 %100 113 M125 X .551 .551 0 %100 114 M125 Z 0 0 0 %100 115 M126 X .551 .551 0 %100 116 M126 Z 0 0 0 %100 | | | | | | | |
| 106 O2 Z 0 0 %100 107 M104 X 0 0 %100 108 M104 Z 0 0 %100 109 M105 X .416 .416 0 %100 110 M105 Z 0 0 0 %100 111 M106 X .416 .416 0 %100 112 M106 Z 0 0 0 %100 113 M125 X .551 .551 0 %100 114 M125 Z 0 0 %100 115 M126 X .551 .551 0 %100 116 M126 Z 0 0 0 %100 | | | | | | | |
| 107 M104 X 0 0 0 %100 108 M104 Z 0 0 0 %100 109 M105 X .416 .416 0 %100 110 M105 Z 0 0 0 %100 111 M106 X .416 .416 0 %100 112 M106 Z 0 0 0 %100 113 M125 X .551 .551 0 %100 114 M125 Z 0 0 %100 115 M126 X .551 .551 0 %100 116 M126 Z 0 0 0 %100 | | | Z | | | | |
| 108 M104 Z 0 0 %100 109 M105 X .416 .416 0 %100 110 M105 Z 0 0 0 %100 111 M106 X .416 .416 0 %100 112 M106 Z 0 0 0 %100 113 M125 X .551 .551 0 %100 114 M125 Z 0 0 %100 115 M126 X .551 .551 0 %100 116 M126 Z 0 0 %100 | | | | - | | | |
| 109 M105 X .416 .416 0 %100 110 M105 Z 0 0 0 %100 111 M106 X .416 .416 0 %100 112 M106 Z 0 0 0 %100 113 M125 X .551 .551 0 %100 114 M125 Z 0 0 0 %100 115 M126 X .551 .551 0 %100 116 M126 Z 0 0 0 %100 | | | Z | | | | |
| 110 M105 Z 0 0 0 %100 111 M106 X .416 .416 0 %100 112 M106 Z 0 0 0 %100 113 M125 X .551 .551 0 %100 114 M125 Z 0 0 0 %100 115 M126 X .551 .551 0 %100 116 M126 Z 0 0 0 %100 | | | | | | | %100 |
| 111 M106 X .416 .416 0 %100 112 M106 Z 0 0 0 %100 113 M125 X .551 .551 0 %100 114 M125 Z 0 0 0 %100 115 M126 X .551 .551 0 %100 116 M126 Z 0 0 0 %100 | | | Z | | | | |
| 112 M106 Z 0 0 0 %100 113 M125 X .551 .551 0 %100 114 M125 Z 0 0 0 %100 115 M126 X .551 .551 0 %100 116 M126 Z 0 0 0 %100 | | | | | | | |
| 113 M125 X .551 .551 0 %100 114 M125 Z 0 0 0 %100 115 M126 X .551 .551 0 %100 116 M126 Z 0 0 0 %100 | | | Z | | | | |
| 114 M125 Z 0 0 0 %100 115 M126 X .551 .551 0 %100 116 M126 Z 0 0 0 %100 | | | | | | | |
| 115 M126 X .551 .551 0 %100 116 M126 Z 0 0 0 %100 | | | | | | | |
| 116 M126 Z 0 0 0 %100 | | | | | | | |
| | | | 7 | | | | |
| | | | | | | | |

: Mount Analysis

Aug 11, 2021 10:30 AM Checked By:___

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

| | Member Label | Direction | Start Magnitude[lb/ft, | .End Magnitude[lb/ft,F | . Start Location[ft,%] | End Location[ft,%] |
|-----|--------------|-----------|------------------------|------------------------|------------------------|--------------------|
| 118 | M127 | Z | 0 | 0 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft, | .End Magnitude[lb/ft,F | . Start Location[ft,%] | End Location[ft,%] |
|----|--------------|-----------|------------------------|------------------------|------------------------|--------------------|
| 1 | M1 | X | .146 | .146 | 0 | %100 |
| 2 | M1 | Z | .084 | .084 | 0 | %100 |
| 3 | M4 | X | .447 | .447 | 0 | %100 |
| 4 | M4 | Z | .258 | .258 | 0 | %100 |
| 5 | M10 | Χ | .126 | .126 | 0 | %100 |
| 6 | M10 | Z | .073 | .073 | 0 | %100 |
| 7 | M43 | Χ | .126 | .126 | 0 | %100 |
| 8 | M43 | Z | .073 | .073 | 0 | %100 |
| 9 | M46 | Χ | .251 | .251 | 0 | %100 |
| 10 | M46 | Z | .145 | .145 | 0 | %100 |
| 11 | M51B | Х | .139 | .139 | 0 | %100 |
| 12 | M51B | Z | .08 | .08 | 0 | %100 |
| 13 | M52B | X | .557 | .557 | 0 | %100 |
| 14 | M52B | Z | .321 | .321 | 0 | %100 |
| 15 | M76 | X | .752 | .752 | 0 | %100 |
| 16 | M76 | Z | .434 | .434 | 0 | %100 |
| 17 | M77 | X | .255 | .255 | 0 | %100 |
| 18 | M77 | Ž | .147 | .147 | 0 | %100 |
| 19 | M80 | X | .269 | .269 | 0 | %100 |
| 20 | M80 | Z | .155 | .155 | 0 | %100 |
| 21 | M84 | X | .752 | .752 | 0 | %100 |
| 22 | M84 | Z | .434 | .434 | 0 | %100 %100 |
| 23 | M85 | X | 1.021 | 1.021 | 0 | %100 |
| 24 | M85 | Z | .589 | .589 | 0 | %100 %100 |
| 25 | M91 | X | 1.075 | 1.075 | 0 | %100 %100 |
| 26 | M91 | Z | .621 | .621 | 0 | %100 %100 |
| 27 | M26 | X | .146 | .146 | 0 | %100 %100 |
| 28 | M26 | Z | .084 | .084 | 0 | %100 %100 |
| 29 | M27 | X | .585 | .585 | 0 | %100 %100 |
| 30 | M27 | Z | .338 | .338 | 0 | %100 %100 |
| 31 | M28 | X | .447 | .447 | 0 | %100 %100 |
| 32 | M28 | Z | .258 | .258 | 0 | %100 %100 |
| 33 | M29 | X | .126 | .126 | 0 | %100 %100 |
| 34 | M29 | Z | .073 | .073 | 0 | %100 %100 |
| 35 | M30 | X | .126 | .126 | 0 | %100 %100 |
| 36 | M30 | Z | .073 | .073 | 0 | %100 %100 |
| 37 | M31 | X | .251 | .251 | 0 | %100 %100 |
| 38 | M31 | Z | .145 | .145 | 0 | %100 %100 |
| 39 | M34 | X | .557 | .557 | 0 | %100 %100 |
| 40 | M34 | Z | .321 | .321 | 0 | %100 %100 |
| | M35 | | | | | |
| 41 | | X Z | .139 | .139 | 0 | %100 %100 |
| 42 | M35 | | .08 | .08 | 0 | %100 %100 |
| 43 | M39 | X Z | .752 .434 | .752 .434 | 0 | |
| 44 | M39 | | | | | %100 %100 |
| 45 | M40 | X | 1.021 | 1.021 | 0 | %100 %400 |
| 46 | M40 | Z | .589 | .589 | 0 | %100 %400 |
| 47 | M42 | X | 1.075 | 1.075 | 0 | %100 %400 |
| 48 | M42 | Z | .621 | .621 | 0 | %100 %400 |
| 49 | M44 | X | .752 | .752 | 0 | %100 |
| 50 | M44 | Z | .434 | .434 | 0 | %100 |
| 51 | M45 | X | .255 | .255 | 0 | %100 |
| 52 | M45 | Z | .147 | .147 | 0 | %100 |

Mount Analysis

Aug 11, 2021 10:30 AM Checked By:___

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

| Wiciii | Dei Distributeu Loc | add (DEO 00 | . Otractare win | T (TEO Deg)) (O | ontinaca, | |
|--------|---------------------|-------------|-----------------------|------------------------|----------------------|--------------------|
| | Member Label | Direction | Start Magnitude[lb/ft | .End Magnitude[lb/ft,F | Start Location[ft %] | End Location[ft,%] |
| E2 | | | | | | |
| 53 | M47 | X Z | .269 | .269 | 0 | %100 |
| 54 | M47 | | .155 | .155 | 0 | %100 |
| 55 | M52A | X | 0 | 0 | 0 | %100 |
| 56 | M52A | Ζ | 0 | 0 | 0 | %100 |
| 57 | M53 | Χ | .503 | .503 | 0 | %100 |
| 58 | M53 | Z | .29 | .29 | 0 | %100 |
| 59 | M54 | X | .503 | .503 | 0 | %100 |
| | | Z | .29 | .29 | 0 | |
| 60 | M54 | | | | | %100 |
| 61 | M55 | X | 1.002 | 1.002 | 0 | %100 |
| 62 | M55 | Z | .579 | .579 | 0 | %100 |
| 63 | M58A | X | .139 | .139 | 0 | %100 |
| 64 | M58A | Z | .08 | .08 | 0 | %100 |
| 65 | M59A | Χ | .139 | .139 | 0 | %100 |
| 66 | M59A | Z | .08 | .08 | 0 | %100 |
| 67 | M63 | X | 0 | 0 | 0 | %100 |
| | | Z | | 0 | | |
| 68 | M63 | | 0 | | 0 | %100 %400 |
| 69 | M64 | X | .255 | .255 | 0 | %100 |
| 70 | M64 | Z | .147 | .147 | 0 | %100 |
| 71 | M66 | X | .269 | .269 | 0 | %100 |
| 72 | M66 | Z | .155 | .155 | 0 | %100 |
| 73 | M68 | X | 0 | 0 | 0 | %100 |
| 74 | M68 | Z | 0 | 0 | 0 | %100 |
| 75 | M69 | X | .255 | .255 | 0 | %100 %100 |
| 76 | M69 | Z | .147 | .147 | 0 | %100 %100 |
| | | | | | | |
| 77 | M71 | X | .269 | .269 | 0 | %100 |
| 78 | M71 | Z | .155 | .155 | 0 | %100 |
| 79 | MP1A | Χ | .397 | .397 | 0 | %100 |
| 80 | MP1A | Z | .229 | .229 | 0 | %100 |
| 81 | MP4A | X | .397 | .397 | 0 | %100 |
| 82 | MP4A | Z | .229 | .229 | 0 | %100 |
| 83 | MP3A | X | .48 | .48 | 0 | %100 |
| 84 | MP3A | Z | .277 | .277 | 0 | %100 %100 |
| | | | | | | |
| 85 | MP2A | X | .397 | .397 | 0 | %100 |
| 86 | MP2A | Z | .229 | .229 | 0 | %100 |
| 87 | MP4B | X | .397 | .397 | 0 | %100 |
| 88 | MP4B | Z | .229 | .229 | 0 | %100 |
| 89 | MP1B | X | .397 | .397 | 0 | %100 |
| 90 | MP1B | Z | .229 | .229 | 0 | %100 |
| 91 | MP3B | X | .48 | .48 | 0 | %100 |
| 92 | MP3B | Z | .277 | .277 | 0 | %100 %100 |
| | MP2B | | .397 | .397 | | %100 %100 |
| 93 | | X Z | | | 0 | |
| 94 | MP2B | | .229 | .229 | 0 | %100 |
| 95 | MP4C | X | .397 | .397 | 0 | %100 |
| 96 | MP4C | Z | .229 | .229 | 0 | %100 |
| 97 | MP3C | X | .48 | .48 | 0 | %100 |
| 98 | MP3C | Z | .277 | .277 | 0 | %100 |
| 99 | MP2C | X | .397 | .397 | 0 | %100 |
| 100 | MP2C | Z | .229 | .229 | 0 | %100 %100 |
| 101 | MP1C | X | .397 | .397 | 0 | %100 %100 |
| | | | | | | |
| 102 | MP1C | Z | .229 | .229 | 0 | %100 |
| 103 | 01 | X | .324 | .324 | 0 | %100 |
| 104 | 01 | Z | .187 | .187 | 0 | %100 |
| 105 | O2 | X | .324 | .324 | 0 | %100 |
| 106 | 02 | Z | .187 | .187 | 0 | %100 |
| 107 | M104 | X | .12 | .12 | 0 | %100 |
| 108 | M104 | Z | .069 | .069 | 0 | %100 %100 |
| | | X | .12 | | | |
| 109 | M105 | | . 12 | .12 | 0 | %100 |

Mount Analysis

Aug 11, 2021 10:30 AM Checked By:__

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

| | Member Label | Direction | Start Magnitude[lb/ft, | .End Magnitude[lb/ft,F | Start Location[ft,%] | End Location[ft,%] |
|-----|--------------|-----------|------------------------|------------------------|----------------------|--------------------|
| 110 | M105 | Z | .069 | .069 | 0 | %100 |
| 111 | M106 | X | .48 | .48 | 0 | %100 |
| 112 | M106 | Z | .277 | .277 | 0 | %100 |
| 113 | M125 | X | .159 | .159 | 0 | %100 |
| 114 | M125 | Z | .092 | .092 | 0 | %100 |
| 115 | M126 | X | .636 | .636 | 0 | %100 |
| 116 | M126 | Z | .367 | .367 | 0 | %100 |
| 117 | M127 | X | .159 | .159 | 0 | %100 |
| 118 | M127 | Z | .092 | .092 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft, | .End Magnitude[lb/ft,F | . Start Location[ft,%] | End Location[ft,%] |
|----|--------------|-----------|------------------------|------------------------|------------------------|--------------------|
| 1 | M1 | X | .253 | .253 | 0 | %100 |
| 2 | M1 | Z | .439 | .439 | 0 | %100 |
| 3 | M4 | X | .086 | .086 | 0 | %100 |
| 4 | M4 | Z | .149 | .149 | 0 | %100 |
| 5 | M10 | X | .218 | .218 | 0 | %100 |
| 6 | M10 | Z | .377 | .377 | 0 | %100 |
| 7 | M43 | Χ | .218 | .218 | 0 | %100 |
| 8 | M43 | Z | .377 | .377 | 0 | %100 |
| 9 | M46 | Χ | .434 | .434 | 0 | %100 |
| 10 | M46 | Z | .752 | .752 | 0 | %100 |
| 11 | M51B | Х | 0 | 0 | 0 | %100 |
| 12 | M51B | Z | 0 | 0 | 0 | %100 |
| 13 | M52B | Χ | .241 | .241 | 0 | %100 |
| 14 | M52B | Z | .417 | .417 | 0 | %100 |
| 15 | M76 | X | .145 | .145 | 0 | %100 |
| 16 | M76 | Z | .251 | .251 | 0 | %100 |
| 17 | M77 | X | 0 | 0 | 0 | %100 |
| 18 | M77 | Z | 0 | 0 | 0 | %100 |
| 19 | M80 | X | 0 | 0 | 0 | %100 |
| 20 | M80 | Z | 0 | 0 | 0 | %100 |
| 21 | M84 | X | .145 | .145 | 0 | %100 |
| 22 | M84 | Z | .251 | .251 | 0 | %100 |
| 23 | M85 | X | .442 | .442 | 0 | %100 |
| 24 | M85 | Z | .766 | .766 | 0 | %100 |
| 25 | M91 | X | .466 | .466 | 0 | %100 |
| 26 | M91 | Z | .807 | .807 | 0 | %100 |
| 27 | M26 | X | 0 | 0 | 0 | %100 |
| 28 | M26 | Z | 0 | 0 | 0 | %100 |
| 29 | M27 | X | .253 | .253 | 0 | %100 |
| 30 | M27 | Z | .439 | .439 | 0 | %100 |
| 31 | M28 | X | .344 | .344 | 0 | %100 |
| 32 | M28 | Z | .596 | .596 | 0 | %100 |
| 33 | M29 | X | 0 | 0 | 0 | %100 |
| 34 | M29 | Z | 0 | 0 | 0 | %100 |
| 35 | M30 | X | 0 | 0 | 0 | %100 |
| 36 | M30 | Z | 0 | 0 | 0 | %100 |
| 37 | M31 | X | 0 | 0 | 0 | %100 |
| 38 | M31 | Z | 0 | 0 | 0 | %100 |
| 39 | M34 | X | .241 | .241 | 0 | %100 |
| 40 | M34 | Z | .417 | .417 | 0 | %100 |
| 41 | M35 | X | .241 | .241 | 0 | %100 |
| 42 | M35 | Z | .417 | .417 | 0 | %100 |
| 43 | M39 | Χ | .579 | .579 | 0 | %100 |
| 44 | M39 | Z | 1.002 | 1.002 | 0 | %100 |

Mount Analysis

Aug 11, 2021 10:30 AM Checked By:___

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

| MCIII | dei Distributed Loc | ada (DEO 70 | . Otractare win | T (TOO Deg)) (O | ontinaca, | |
|-------|---------------------|-------------|-----------------------|------------------------|----------------------|--------------------|
| | Member Label | Direction | Start Magnitude[lh/ft | .End Magnitude[lb/ft,F | Start Location[ft %] | End Location[ft,%] |
| 45 | M40 | | .442 | .442 | 0 | %100 |
| 46 | M40 | X Z | .766 | .766 | 0 | %100 %100 |
| 47 | M42 | X | .466 | .466 | 0 | %100 %100 |
| 48 | M42 | Z | .807 | .807 | 0 | %100 %100 |
| | | | | | | |
| 49 | M44 | X | .579 | .579 | 0 | %100 |
| 50 | M44 | Z | 1.002 | 1.002 | 0 | %100 |
| 51 | M45 | X | .442 | .442 | 0 | %100 |
| 52 | M45 | Z | .766 | .766 | 0 | %100 |
| 53 | M47 | X | .466 | .466 | 0 | %100 |
| 54 | M47 | Z | .807 | .807 | 0 | %100 |
| 55 | M52A | X | .086 | .086 | 0 | %100 |
| 56 | M52A | Z | .149 | .149 | 0 | %100 |
| 57 | M53 | X | .218 | .218 | 0 | %100 |
| 58 | M53 | Z | .377 | .377 | 0 | %100 |
| 59 | M54 | X | .218 | .218 | 0 | %100 |
| 60 | M54 | Z | .377 | .377 | 0 | %100 |
| 61 | M55 | X | .434 | .434 | 0 | %100 |
| 62 | M55 | Z | .752 | .752 | 0 | %100 |
| 63 | M58A | X | .241 | .241 | 0 | %100 |
| 64 | M58A | Z | .417 | .417 | 0 | %100 |
| 65 | M59A | X | 0 | 0 | 0 | %100 %100 |
| 66 | M59A | Z | 0 | 0 | 0 | %100 %100 |
| 67 | M63 | X | .145 | .145 | 0 | %100 %100 |
| 68 | M63 | Z | .251 | .251 | 0 | %100 %100 |
| 69 | M64 | X | .442 | .442 | 0 | %100 %100 |
| 70 | M64 | Z | .766 | .766 | 0 | %100 %100 |
| 71 | M66 | | | | | |
| | | X Z | .466 | .466 | 0 | %100 |
| 72 | M66 | | .807 | .807 | 0 | %100 |
| 73 | M68 | X | .145 | .145 | 0 | %100 |
| 74 | M68 | Z | .251 | .251 | 0 | %100 |
| 75 | M69 | X | 0 | 0 | 0 | %100 |
| 76 | M69 | Z | 0 | 0 | 0 | %100 |
| 77 | <u>M71</u> | X | 0 | 0 | 0 | %100 |
| 78 | M71 | Z | 0 | 0 | 0 | %100 |
| 79 | MP1A | X | .229 | .229 | 0 | %100 |
| 80 | MP1A | Z | .397 | .397 | 0 | %100 |
| 81 | MP4A | X | .229 | .229 | 0 | %100 |
| 82 | MP4A | Z | .397 | .397 | 0 | %100 |
| 83 | MP3A | X | .277 | .277 | 0 | %100 |
| 84 | MP3A | Z | .48 | .48 | 0 | %100 |
| 85 | MP2A | X | .229 | .229 | 0 | %100 |
| 86 | MP2A | Z | .397 | .397 | 0 | %100 |
| 87 | MP4B | X | .229 | .229 | 0 | %100 |
| 88 | MP4B | Z | .397 | .397 | 0 | %100 |
| 89 | MP1B | X | .229 | .229 | 0 | %100 |
| 90 | MP1B | Z | .397 | .397 | 0 | %100 |
| 91 | MP3B | X | .277 | .277 | 0 | %100 |
| 92 | MP3B | Z | .48 | .48 | 0 | %100 %100 |
| 93 | MP2B | X | .229 | .229 | 0 | %100 %100 |
| 94 | MP2B | Z | .397 | .397 | 0 | %100 %100 |
| 95 | MP4C | X | .229 | .229 | 0 | %100 %100 |
| | MP4C MP4C | Z | .397 | .397 | 0 | %100 %100 |
| 96 | | | | | | |
| 97 | MP3C | X | .277 | .277 | 0 | %100 %100 |
| 98 | MP3C | Z | .48 | .48 | 0 | %100 |
| 99 | MP2C | X | .229 | .229 | 0 | %100 |
| 100 | MP2C | Z | .397 | .397 | 0 | %100 |
| 101 | MP1C | X | .229 | .229 | 0 | %100 |

Mount Analysis

Aug 11, 2021 10:30 AM Checked By:___

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

| | Member Label | Direction | Start Magnitude[lb/ft, | .End Magnitude[lb/ft,F | Start Location[ft,%] | End Location[ft,%] |
|-----|--------------|-----------|------------------------|------------------------|----------------------|--------------------|
| 102 | MP1C | Z | .397 | .397 | 0 | %100 |
| 103 | O1 | X | .187 | .187 | 0 | %100 |
| 104 | 01 | Z | .324 | .324 | 0 | %100 |
| 105 | O2 | X | .187 | .187 | 0 | %100 |
| 106 | O2 | Z | .324 | .324 | 0 | %100 |
| 107 | M104 | X | .208 | .208 | 0 | %100 |
| 108 | M104 | Z | .36 | .36 | 0 | %100 |
| 109 | M105 | X | 0 | 0 | 0 | %100 |
| 110 | M105 | Z | 0 | 0 | 0 | %100 |
| 111 | M106 | X | .208 | .208 | 0 | %100 |
| 112 | M106 | Z | .36 | .36 | 0 | %100 |
| 113 | M125 | X | 0 | 0 | 0 | %100 |
| 114 | M125 | Z | 0 | 0 | 0 | %100 |
| 115 | M126 | X | .275 | .275 | 0 | %100 |
| 116 | M126 | Z | .477 | .477 | 0 | %100 |
| 117 | M127 | X | .275 | .275 | 0 | %100 |
| 118 | M127 | Z | .477 | .477 | 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 | .675 | .675 | 0 | %100 |
| 3 | M4 | X | 0 | 0 | 0 | %100 |
| 4 | M4 | Ζ | 0 | 0 | 0 | %100 |
| 5 | M10 | X | 0 | 0 | 0 | %100 |
| 6 | M10 | Ζ | .58 | .58 | 0 | %100 |
| 7 | M43 | X | 0 | 0 | 0 | %100 |
| 8 | M43 | Z | .58 | .58 | 0 | %100 |
| 9 | M46 | X | 0 | 0 | 0 | %100 |
| 10 | M46 | Z | 1.157 | 1.157 | 0 | %100 |
| 11 | M51B | X | 0 | 0 | 0 | %100 |
| 12 | M51B | Z | .161 | .161 | 0 | %100 |
| 13 | M52B | X | 0 | 0 | 0 | %100 |
| 14 | M52B | Z | .161 | .161 | 0 | %100 |
| 15 | M76 | X | 0 | 0 | 0 | %100 |
| 16 | M76 | Ζ | 0 | 0 | 0 | %100 |
| 17 | M77 | X | 0 | 0 | 0 | %100 |
| 18 | M77 | Z | .295 | .295 | 0 | %100 |
| 19 | M80 | X | 0 | 0 | 0 | %100 |
| 20 | M80 | Z | .31 | .31 | 0 | %100 |
| 21 | M84 | X | 0 | 0 | 0 | %100 |
| 22 | M84 | Z | 0 | 0 | 0 | %100 |
| 23 | M85 | X | 0 | 0 | 0 | %100 |
| 24 | M85 | Z | .295 | .295 | 0 | %100 |
| 25 | M91 | X | 0 | 0 | 0 | %100 |
| 26 | M91 | Z | .31 | .31 | 0 | %100 |
| 27 | M26 | X | 0 | 0 | 0 | %100 |
| 28 | M26 | Z | .169 | .169 | 0 | %100 |
| 29 | M27 | X | 0 | 0 | 0 | %100 |
| 30 | M27 | Z | .169 | .169 | 0 | %100 |
| 31 | M28 | Χ | 0 | 0 | 0 | %100 |
| 32 | M28 | Ζ | .516 | .516 | 0 | %100 |
| 33 | M29 | Χ | 0 | 0 | 0 | %100 |
| 34 | M29 | Z | .145 | .145 | 0 | %100 |
| 35 | M30 | Χ | 0 | 0 | 0 | %100 |
| 36 | M30 | Z | .145 | .145 | 0 | %100 |

Mount Analysis

Aug 11, 2021 10:30 AM Checked By:_

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

| | Member Label | Direction | Start Magnitude[lb/ft, | End Magnitude[lb/ft,F | Start Location[ft,%] | End Location[ft,%] |
|----|--------------|-----------|------------------------|-----------------------|----------------------|--------------------|
| 37 | M31 | X | 0 | 0 | 0 | %100 |
| 38 | M31 | Z | .289 | .289 | 0 | %100 |
| 39 | M34 | X | 0 | 0 | 0 | %100 |
| 40 | M34 | Z | .161 | .161 | 0 | %100 |
| 41 | M35 | X | 0 | 0 | 0 | %100 |
| 42 | M35 | Z | .643 | .643 | 0 | %100 |
| 43 | M39 | X | 0 | 0 | 0 | %100 |
| 44 | M39 | Z | .868 | .868 | 0 | %100 |
| 45 | M40 | X | 0 | 0 | 0 | %100 |
| 46 | M40 | Z | .295 | .295 | 0 | %100 |
| 47 | M42 | X | 0 | 0 | 0 | %100 |
| 48 | M42 | Z | .31 | .31 | 0 | %100 |
| 49 | M44 | X | 0 | 0 | 0 | %100 |
| 50 | M44 | Z | .868 | .868 | 0 | %100 |
| 51 | M45 | X | 0 | 0 | 0 | %100 |
| 52 | M45 | Z | 1.179 | 1.179 | 0 | %100 |
| 53 | M47 | X | 0 | 0 | 0 | %100 |
| 54 | M47 | Z | 1.242 | 1.242 | 0 | %100 |
| 55 | M52A | X | 0 | 0 | 0 | %100 |
| 56 | M52A | Z | .516 | .516 | 0 | %100 |
| 57 | M53 | X | 0 | 0 | 0 | %100 |
| 58 | M53 | Z | .145 | .145 | 0 | %100 |
| 59 | M54 | X | 0 | 0 | 0 | %100 |
| 60 | M54 | Z | .145 | .145 | 0 | %100 |
| 61 | M55 | X | 0 | 0 | 0 | %100 |
| 62 | M55 | Z | .289 | .289 | 0 | %100 |
| 63 | M58A | X | 0 | 0 | 0 | %100 |
| 64 | M58A | Z | .643 | .643 | 0 | %100 |
| 65 | M59A | X | 0 | 0 | 0 | %100 |
| 66 | M59A | Z | .161 | .161 | 0 | %100 |
| 67 | M63 | X | 0 | 0 | 0 | %100 |
| 68 | M63 | Z | .868 | .868 | 0 | %100 |
| 69 | M64 | X | 0 | 0 | 0 | %100 |
| 70 | M64 | Z | 1.179 | 1.179 | 0 | %100 |
| 71 | M66 | X | 0 | 0 | 0 | %100 |
| 72 | M66 | Z | 1.242 | 1.242 | 0 | %100 |
| 73 | M68 | X | 0 | 0 | 0 | %100 |
| 74 | M68 | Z | .868 | .868 | 0 | %100 |
| 75 | M69 | X | 0 | 0 | 0 | %100 |
| 76 | <u>M69</u> | Z | .295 | .295 | 0 | %100 |
| 77 | <u>M71</u> | X | 0 | 0 | 0 | %100 |
| 78 | <u>M71</u> | Z | .31 | .31 | 0 | %100 |
| 79 | MP1A | X | 0 | 0 | 0 | %100 |
| 80 | MP1A | Z | .458 | .458 | 0 | %100 |
| 81 | MP4A | X | 0 | 0 | 0 | %100 |
| 82 | MP4A | Z | .458 | .458 | 0 | %100 |
| 83 | MP3A | X | 0 | 0 | 0 | %100 |
| 84 | MP3A | Z | .555 | .555 | 0 | %100 |
| 85 | MP2A | X | 0 | 0 | 0 | %100 |
| 86 | MP2A | Z | .458 | .458 | 0 | %100 |
| 87 | MP4B | X | 0 | 0 | 0 | %100 |
| 88 | MP4B | Z | .458 | .458 | 0 | %100 |
| 89 | MP1B | X | 0 | 0 | 0 | %100 |
| 90 | MP1B | Z | .458 | .458 | 0 | %100 |
| 91 | MP3B | X | 0 | 0 | 0 | %100 |
| 92 | MP3B | Z | .555 | .555 | 0 | %100 |
| 93 | MP2B | X | 0 | 0 | 0 | %100 |

Mount Analysis

Aug 11, 2021 10:30 AM Checked By:_

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

| | Member Label | Direction | Start Magnitude[lb/ft, | .End Magnitude[lb/ft,F | . Start Location[ft,%] | End Location[ft,%] |
|-----|--------------|-----------|------------------------|------------------------|------------------------|--------------------|
| 94 | MP2B | Z | .458 | .458 | 0 | %100 |
| 95 | MP4C | Х | 0 | 0 | 0 | %100 |
| 96 | MP4C | Z | .458 | .458 | 0 | %100 |
| 97 | MP3C | X | 0 | 0 | 0 | %100 |
| 98 | MP3C | Z | .555 | .555 | 0 | %100 |
| 99 | MP2C | Х | 0 | 0 | 0 | %100 |
| 100 | MP2C | Z | .458 | .458 | 0 | %100 |
| 101 | MP1C | Χ | 0 | 0 | 0 | %100 |
| 102 | MP1C | Z | .458 | .458 | 0 | %100 |
| 103 | 01 | X | 0 | 0 | 0 | %100 |
| 104 | 01 | Z | .375 | .375 | 0 | %100 |
| 105 | O2 | Х | 0 | 0 | 0 | %100 |
| 106 | 02 | Z | .375 | .375 | 0 | %100 |
| 107 | M104 | X | 0 | 0 | 0 | %100 |
| 108 | M104 | Z | .555 | .555 | 0 | %100 |
| 109 | M105 | X | 0 | 0 | 0 | %100 |
| 110 | M105 | Z | .139 | .139 | 0 | %100 |
| 111 | M106 | X | 0 | 0 | 0 | %100 |
| 112 | M106 | Z | .139 | .139 | 0 | %100 |
| 113 | M125 | X | 0 | 0 | 0 | %100 |
| 114 | M125 | Z | .184 | .184 | 0 | %100 |
| 115 | M126 | Χ | 0 | 0 | 0 | %100 |
| 116 | M126 | Z | .184 | .184 | 0 | %100 |
| 117 | M127 | X | 0 | 0 | 0 | %100 |
| 118 | M127 | Z | .735 | .735 | 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 | 253 | 253 | 0 | %100 |
| 2 | M1 | Z | .439 | .439 | 0 | %100 |
| 3 | M4 | Χ | 086 | 086 | 0 | %100 |
| 4 | M4 | Z | .149 | .149 | 0 | %100 |
| 5 | M10 | X | 218 | 218 | 0 | %100 |
| 6 | M10 | Z | .377 | .377 | 0 | %100 |
| 7 | M43 | X | 218 | 218 | 0 | %100 |
| 8 | M43 | Z | .377 | .377 | 0 | %100 |
| 9 | M46 | X | 434 | 434 | 0 | %100 |
| 10 | M46 | Z | .752 | .752 | 0 | %100 |
| 11 | M51B | X | 241 | 241 | 0 | %100 |
| 12 | M51B | Z | .417 | .417 | 0 | %100 |
| 13 | M52B | X | 0 | 0 | 0 | %100 |
| 14 | M52B | Z | 0 | 0 | 0 | %100 |
| 15 | M76 | X | 145 | 145 | 0 | %100 |
| 16 | M76 | Z | .251 | .251 | 0 | %100 |
| 17 | M77 | X | 442 | 442 | 0 | %100 |
| 18 | M77 | Z | .766 | .766 | 0 | %100 |
| 19 | M80 | X | 466 | 466 | 0 | %100 |
| 20 | M80 | Z | .807 | .807 | 0 | %100 |
| 21 | M84 | X | 145 | 145 | 0 | %100 |
| 22 | M84 | Z | .251 | .251 | 0 | %100 |
| 23 | M85 | X | 0 | 0 | 0 | %100 |
| 24 | M85 | Z | 0 | 0 | 0 | %100 |
| 25 | M91 | Χ | 0 | 0 | 0 | %100 |
| 26 | M91 | Z | 0 | 0 | 0 | %100 |
| 27 | M26 | X | 253 | 253 | 0 | %100 |
| 28 | M26 | Z | .439 | .439 | 0 | %100 |

Mount Analysis

Aug 11, 2021 10:30 AM Checked By:___

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

| Member Label Direction Start Magnitude(librit. E. Start Location(ft.%) End Location(ft.%) 30 M27 Z 0 0 0 0 %,100 31 M28 X .086 .086 0 %,100 32 M28 Z .149 .149 .149 0 %,100 33 M29 X .218 .218 .218 0 %,100 34 M29 Z .377 .377 0 %,100 34 M29 Z .377 .377 0 %,100 36 M30 Z .377 .377 0 %,100 36 M30 Z .377 .377 0 %,100 38 M31 Z .752 .752 0 %,100 38 M31 Z .752 .752 0 %,100 40 M34 Z 0 0 0 %,100 41 M35 Z .417 .417 .417 0 %,100 41 M35 Z .415 .454 .454 0 0 0 %,100 41 M35 Z .415 | IVICIII | <u>ber Distributed Loa</u> | dus (DLC 12 | 2. Structure vvii | ii (210 Deg)) (C | ontinueu) | |
|---|---------|----------------------------|-------------|-----------------------|-------------------------|----------------------|--------------------|
| 29 | | Member Label | Direction | Start Magnitude[lb/ft | .End Magnitude[lb/ft.F. | Start Location[ft.%] | End Location[ft.%] |
| 30 | 29 | | | • | - | | |
| 31 | | | 7 | | - | | |
| 32 M28 | | | | | | | |
| 33 | | | 7 | | | | |
| 34 | | | | | | | |
| 35 | | | | | | | |
| 36 | | | | | | | |
| 37 | | | | | | | |
| 38 | | | | | | | |
| M34 | | | | 434 | 434 | | |
| 40 | | | | .752 | .752 | 0 | |
| 41 | 39 | M34 | X | | | 0 | %100 |
| 42 | 40 | M34 | Z | 0 | | 0 | %100 |
| 42 | 41 | M35 | Χ | 241 | 241 | 0 | %100 |
| 43 | 42 | | Z | | | 0 | |
| 44 M39 Z 251 251 0 %100 46 M40 X 0 0 0 %100 47 M42 X 0 0 0 %100 48 M42 Z 0 0 0 %100 49 M44 X 145 145 0 %100 50 M44 X 145 145 0 %100 51 M45 X 442 442 0 %100 52 M45 Z .766 .766 0 %100 52 M45 Z .766 .466 0 %100 54 M47 X .466 466 0 %100 54 M47 Z .807 807 0 %100 55 M52A X .344 -344 0 %100 56 M52A Z .596 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> | | | | | | | |
| 45 | | | | | | | |
| 46 M40 Z 0 0 0 %100 48 M42 X 0 0 0 %100 49 M44 X -,145 -,145 0 %100 50 M44 Z ,251 251 0 %100 51 M45 X -,442 -,442 0 %100 52 M45 Z ,766 766 0 %100 53 M47 X -,466 -,466 0 %100 54 M47 Z ,807 ,807 0 %100 54 M47 Z ,807 ,807 0 %100 55 M52A X -,344 -,344 0 %100 56 M52A Z ,596 ,596 0 %100 57 M53 X 0 0 0 %100 58 M52A X 0 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> | | | | | | | |
| M42 | | | | | | | |
| 48 M42 Z 0 0 %100 49 M44 X 145 145 0 %100 50 M44 Z .251 2.51 0 %100 51 M45 X 442 442 0 %100 52 M45 Z .766 766 0 %100 53 M47 X 466 466 0 %100 54 M47 Z .807 .807 0 %100 54 M47 Z .807 .807 0 %100 55 M52A X .344 .344 0 %100 56 M52A Z .596 .596 0 %100 57 M53 X 0 0 0 %100 58 M58A Z 0 0 0 %100 59 M54 X 0 0 <td></td> <td></td> <td></td> <td>•</td> <td>•</td> <td></td> <td></td> | | | | • | • | | |
| 49 M44 X 145 145 0 %100 50 M44 Z .251 .251 0 %100 51 M45 X 442 .442 0 %100 52 M45 Z .766 .766 0 %100 53 M47 X 466 466 0 %100 54 M47 Z .807 .807 0 %100 54 M47 Z .807 .807 0 %100 55 M52A X 344 344 0 %100 56 M52A X 344 344 0 %100 57 M53 X 0 0 0 %100 57 M53 X 0 0 0 %100 59 M54 X 0 0 0 %100 59 M54 X 0< | | | | | | | |
| 50 M44 Z 251 251 0 %100 51 M45 X 442 .442 0 %100 52 M45 Z .766 .766 0 %100 53 M47 X 466 466 0 %100 54 M47 Z .807 .807 0 %100 54 M47 Z .807 .807 0 0 %100 55 M52A X 344 344 0 %100 56 M52A Z .596 0 0 %100 56 M52A Z .596 0 0 0 %100 56 M53 X 0 0 0 0 %100 59 M54 X 0 0 0 0 %100 59 M54 X 0 0 0 0 %100 60 0 %100 60 0 | | | | | | | |
| 51 M45 X 442 442 0 %1100 52 M45 Z .766 .766 0 %1100 53 M47 X 466 0 %100 54 M47 Z .807 .807 0 %100 55 M52A X 344 344 0 %100 56 M52A Z .596 .596 0 %100 57 M53 X 0 0 0 %100 58 M53 Z 0 0 0 %100 59 M54 X 0 0 0 %100 60 M54 Z 0 0 0 %100 61 M55 X 0 0 0 %100 62 M55 X 0 0 0 %100 63 M58A X -241 -241 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<> | | | | | | | |
| 52 M45 Z .766 .766 0 %1100 53 M47 X 466 466 0 %1100 54 M47 Z .807 .807 0 %100 55 M52A X 344 344 0 %100 56 M52A Z .596 .596 0 %100 57 M53 X 0 0 0 %100 58 M53 Z 0 0 0 %100 59 M54 X 0 0 0 %100 60 M54 Z 0 0 0 %100 61 M55 X 0 0 0 %100 62 M55 X 0 0 0 %100 63 M58A X -241 -241 0 %100 65 M59A X -417 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<> | | | | | | | |
| 53 M47 X 466 466 0 %100 54 M47 Z .807 .807 0 %100 55 M52A X .344 -344 0 %100 56 M52A Z .596 .596 0 %100 57 M53 X 0 0 0 %100 58 M53 Z 0 0 0 %100 59 M54 X 0 0 0 %100 60 M54 Z 0 0 0 %100 61 M55 X 0 0 0 %100 62 M55 Z 0 0 0 %100 63 M58A X 241 241 0 %100 65 M59A X 241 241 0 %100 65 M59A X 241 < | | | | | | | |
| 54 M47 Z .807 .807 0 %100 55 M52A X 344 344 0 %100 56 M52A Z .596 .596 0 %100 57 M53 X 0 0 0 %100 58 M53 Z 0 0 0 %100 59 M54 X 0 0 0 %100 60 M54 Z 0 0 0 %100 61 M55 X 0 0 0 %100 62 M55 Z 0 0 0 %100 63 M58A X 241 241 0 %100 64 M58A Z .417 .417 0 %100 65 M59A X 241 241 0 %100 67 M63 X 579 < | | | | | | | |
| 55 M52A X 344 344 0 %100 56 M52A Z .596 .596 0 %100 57 M533 X 0 0 0 %100 58 M53 Z 0 0 0 %100 59 M54 X 0 0 0 %100 60 M54 Z 0 0 0 %100 61 M55 X 0 0 0 %100 62 M55 Z 0 0 0 %100 63 M58A X 241 241 0 %100 64 M58A X 241 241 0 %100 65 M59A X 241 241 0 %100 66 M59A Z .417 .417 0 %100 67 M63 X 579 | | M47 | | | 466 | 0 | |
| 56 M52A Z .596 .596 0 %100 57 M53 X 0 0 0 %100 58 M53 Z 0 0 0 %100 59 M54 X 0 0 0 %100 60 M54 Z 0 0 0 %100 61 M55 X 0 0 0 %100 62 M55 Z 0 0 0 %100 63 M58A X 241 241 0 %100 64 M58A Z .417 417 0 %100 65 M59A X 241 241 0 %100 66 M59A Z .417 417 0 %100 67 M63 X 579 579 0 %100 68 M63 Z 1.002 <td< td=""><td></td><td></td><td></td><td></td><td>.807</td><td>0</td><td>%100</td></td<> | | | | | .807 | 0 | %100 |
| 56 M52A Z .596 .596 0 %100 57 M53 X 0 0 0 %100 58 M53 Z 0 0 0 %100 59 M54 X 0 0 0 %100 60 M54 Z 0 0 0 %100 61 M55 X 0 0 0 %100 62 M55 Z 0 0 0 %100 63 M58A X 241 241 0 %100 64 M58A Z .417 417 0 %100 65 M59A X 241 241 0 %100 66 M59A Z .417 417 0 %100 67 M63 X 579 579 0 %100 68 M63 Z 1.002 <td< td=""><td>55</td><td>M52A</td><td>X</td><td>344</td><td>344</td><td>0</td><td>%100</td></td<> | 55 | M52A | X | 344 | 344 | 0 | %100 |
| 57 M53 X 0 0 %100 58 M53 Z 0 0 %100 59 M54 X 0 0 0 %100 60 M54 Z 0 0 0 %100 61 M55 X 0 0 0 %100 62 M55 Z 0 0 0 %100 63 M58A X 241 241 0 %100 64 M58A Z .417 .417 0 %100 65 M59A X 241 241 0 %100 66 M59A X 241 241 0 %100 67 M63 X 579 579 0 %100 68 M63 Z 1.002 1.002 0 %100 69 M64 X 442 442 0 | | M52A | | .596 | .596 | 0 | %100 |
| 58 M53 Z 0 0 %100 59 M54 X 0 0 0 %100 60 M54 Z 0 0 0 %100 61 M55 X 0 0 0 %100 62 M55 Z 0 0 0 %100 63 M58A X 241 241 0 %100 64 M58A Z .417 .417 0 %100 65 M59A X 241 241 0 %100 66 M59A Z .417 .417 0 %100 67 M63 X 579 579 0 %100 68 M63 Z 1.002 1.002 0 %100 69 M64 X 442 442 0 %100 71 M66 X 466 .766 <td></td> <td></td> <td>X</td> <td></td> <td></td> <td>0</td> <td></td> | | | X | | | 0 | |
| 59 M54 X 0 0 0 %100 60 M54 Z 0 0 0 %100 61 M55 X 0 0 0 %100 62 M55 Z 0 0 0 %100 63 M58A X -241 -241 0 %100 64 M58A Z 417 417 0 %100 65 M59A X -241 -241 0 %100 66 M59A X -241 -241 0 %100 66 M59A Z 417 417 0 %100 67 M63 X -579 -579 0 %100 68 M63 Z 1.002 1.002 0 %100 70 M64 X 442 442 0 %100 71 M66 X 466 | | | | | | | |
| 60 M54 Z 0 0 %100 61 M55 X 0 0 0 %100 62 M55 Z 0 0 0 %100 63 M58A X 241 241 0 %100 64 M58A Z .417 .417 0 %100 65 M59A X 241 241 0 %100 66 M59A Z .417 .417 0 %100 67 M63 X 579 579 0 %100 68 M63 Z 1.002 1.002 0 %100 69 M64 X 442 442 0 %100 70 M64 Z .766 .766 0 %100 72 M66 X 466 466 0 %100 73 M68 X 579 | | | | | | | |
| 61 M55 X 0 0 0 %100 62 M55 Z 0 0 0 %100 63 M58A X 241 241 0 %100 64 M58A Z .417 .417 0 %100 65 M59A X 241 241 0 %100 66 M59A Z .417 .417 0 %100 67 M63 X 579 579 0 %100 68 M63 Z 1.002 1.002 0 %100 69 M64 X 442 442 0 %100 70 M64 X 442 442 0 %100 71 M66 X 466 466 0 %100 72 M66 Z .807 .807 0 %100 75 M68 X | | | 7 | | i | | |
| 62 M55 Z 0 0 %100 63 M58A X 241 241 0 %100 64 M58A Z .417 .417 0 %100 65 M59A X 241 241 0 %100 66 M59A Z .417 .417 0 %100 67 M63 X 579 579 0 %100 68 M63 Z 1.002 1.002 0 %100 69 M64 X 442 442 0 %100 70 M64 Z .766 .766 0 %100 71 M66 X 466 466 0 %100 72 M66 Z .807 807 0 %100 74 M68 X 579 579 0 %100 75 M69 X 4 | | | | | | | |
| 63 M58A X 241 241 0 %100 64 M58A Z .417 .417 0 %100 65 M59A X 241 241 0 %100 66 M59A Z .417 .417 0 %100 67 M63 X 579 579 0 %100 68 M63 Z 1.002 1.002 0 %100 69 M64 X 442 442 0 %100 70 M64 Z .766 .766 0 %100 71 M66 X 466 466 0 %100 72 M66 Z .807 .807 0 %100 73 M68 X 579 579 0 %100 74 M68 Z 1.002 1.002 0 %100 75 M69 | | | 7 | | | | |
| 64 M58A Z .417 .417 0 %100 65 M59A X 241 241 0 %100 66 M59A Z .417 .417 0 %100 67 M63 X 579 579 0 %100 68 M63 Z 1.002 1.002 0 %100 69 M64 X 442 442 0 %100 70 M64 Z .766 .766 0 %100 71 M66 X 466 466 0 %100 71 M66 X 466 466 0 %100 73 M68 X 579 579 0 %100 74 M68 Z 1.002 1.002 0 %100 75 M69 X 442 442 0 %100 76 M69 | | | | - | • | | |
| 65 M59A X 241 241 0 %100 66 M59A Z .417 .417 0 %100 67 M63 X 579 579 0 %100 68 M63 Z 1.002 1.002 0 %100 68 M63 Z 1.002 1.002 0 %100 70 M64 X 442 442 0 %100 70 M64 Z .766 .766 0 %100 71 M66 X 466 466 0 %100 72 M66 Z .807 .807 0 %100 73 M68 X 579 579 0 %100 74 M68 Z 1.002 1.002 0 %100 75 M69 X 442 442 0 %100 76 M69 | | | | | | | |
| 66 M59A Z .417 .417 0 %100 67 M63 X 579 579 0 %100 68 M63 Z 1.002 1.002 0 %100 69 M64 X 442 442 0 %100 70 M64 Z .766 .766 0 %100 71 M66 X 466 466 0 %100 72 M66 Z .807 .807 0 %100 73 M68 X 579 579 0 %100 74 M68 Z 1.002 1.002 0 %100 74 M68 Z 1.002 1.002 0 %100 75 M69 X 442 442 0 %100 76 M69 Z .766 .766 0 %100 78 M71 < | | | | | | | |
| 67 M63 X 579 579 0 %100 68 M63 Z 1.002 1.002 0 %100 69 M64 X 442 442 0 %100 70 M64 Z .766 .766 0 %100 71 M66 X 466 466 0 %100 72 M66 Z .807 0 %100 72 M68 X 579 579 0 %100 74 M68 X 579 579 0 %100 74 M68 X 579 579 0 %100 74 M68 Z 1.002 0 %100 75 M69 X 442 442 0 %100 76 M69 Z .766 .766 0 %100 78 M71 X 466 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<> | | | | | | | |
| 68 M63 Z 1.002 1.002 0 %100 69 M64 X 442 442 0 %100 70 M64 Z .766 .766 0 %100 71 M66 X 466 466 0 %100 72 M66 Z .807 .807 0 %100 73 M68 X 579 579 0 %100 74 M68 Z 1.002 1.002 0 %100 75 M69 X 442 442 0 %100 76 M69 Z .766 .766 0 %100 77 M71 X 466 466 0 %100 79 MP1A X 229 229 0 %100 80 MP1A X 229 229 0 %100 81 MP4A | | | | | | | |
| 69 M64 X 442 442 0 %100 70 M64 Z .766 .766 0 %100 71 M66 X 466 466 0 %100 72 M66 Z .807 .807 0 %100 73 M68 X 579 579 0 %100 74 M68 Z 1.002 1.002 0 %100 75 M69 X 442 442 0 %100 76 M69 Z .766 .766 0 %100 77 M71 X 466 466 0 %100 79 MP1A X 229 229 0 %100 80 MP1A X 229 229 0 %100 81 MP4A X 229 229 0 %100 82 MP4A | | | | | | | |
| 70 M64 Z .766 .766 0 %100 71 M66 X 466 466 0 %100 72 M66 Z .807 .807 0 %100 73 M68 X 579 579 0 %100 74 M68 Z 1.002 1.002 0 %100 75 M69 X 442 442 0 %100 76 M69 Z .766 .766 0 %100 77 M71 X 466 466 0 %100 78 M71 Z .807 .807 0 %100 79 MP1A X 229 229 0 %100 80 MP1A Z .397 .397 0 %100 81 MP4A X 229 229 0 %100 82 MP4A | | | | | | | |
| 71 M66 X 466 466 0 %100 72 M66 Z .807 .807 0 %100 73 M68 X 579 579 0 %100 74 M68 Z 1.002 1.002 0 %100 75 M69 X 442 442 0 %100 76 M69 Z .766 .766 0 %100 77 M71 X 466 466 0 %100 78 M71 Z .807 .807 0 %100 79 MP1A X 229 229 0 %100 80 MP1A Z .397 .397 0 %100 81 MP4A X 229 229 0 %100 82 MP4A Z .397 .397 0 %100 84 MP3A | | | X | | | | |
| 72 M66 Z .807 .807 0 %100 73 M68 X 579 579 0 %100 74 M68 Z 1.002 1.002 0 %100 75 M69 X 442 442 0 %100 76 M69 Z .766 .766 0 %100 77 M71 X 466 466 0 %100 78 M71 Z .807 .807 0 %100 79 MP1A X 229 229 0 %100 80 MP1A Z .397 .397 0 %100 81 MP4A X 229 229 0 %100 82 MP4A Z .397 .397 0 %100 83 MP3A X 277 277 0 %100 84 MP3A | | | | | | | |
| 72 M66 Z .807 .807 0 %100 73 M68 X 579 579 0 %100 74 M68 Z 1.002 1.002 0 %100 75 M69 X 442 442 0 %100 76 M69 Z .766 .766 0 %100 77 M71 X 466 466 0 %100 78 M71 Z .807 .807 0 %100 79 MP1A X 229 229 0 %100 80 MP1A Z .397 .397 0 %100 81 MP4A X 229 229 0 %100 82 MP4A Z .397 .397 0 %100 83 MP3A X 277 277 0 %100 84 MP3A | | | X | 466 | | | |
| 73 M68 X 579 579 0 %100 74 M68 Z 1.002 1.002 0 %100 75 M69 X 442 442 0 %100 76 M69 Z .766 .766 0 %100 77 M71 X 466 466 0 %100 78 M71 Z .807 .807 0 %100 79 MP1A X 229 229 0 %100 80 MP1A Z .397 .397 0 %100 81 MP4A X 229 229 0 %100 82 MP4A Z .397 .397 0 %100 83 MP3A X 277 277 0 %100 84 MP3A Z .48 .48 0 %100 | 72 | | Z | .807 | | | |
| 74 M68 Z 1.002 1.002 0 %100 75 M69 X 442 442 0 %100 76 M69 Z .766 .766 0 %100 77 M71 X 466 466 0 %100 78 M71 Z .807 .807 0 %100 79 MP1A X 229 229 0 %100 80 MP1A Z .397 .397 0 %100 81 MP4A X 229 229 0 %100 82 MP4A Z .397 .397 0 %100 83 MP3A X 277 277 0 %100 84 MP3A Z .48 .48 0 %100 | | | | | | | |
| 75 M69 X 442 442 0 %100 76 M69 Z .766 .766 0 %100 77 M71 X 466 466 0 %100 78 M71 Z .807 .807 0 %100 79 MP1A X 229 229 0 %100 80 MP1A Z .397 .397 0 %100 81 MP4A X 229 229 0 %100 82 MP4A Z .397 .397 0 %100 83 MP3A X 277 277 0 %100 84 MP3A Z .48 .48 0 %100 | | | | | | | |
| 76 M69 Z .766 .766 0 %100 77 M71 X 466 466 0 %100 78 M71 Z .807 .807 0 %100 79 MP1A X 229 229 0 %100 80 MP1A Z .397 .397 0 %100 81 MP4A X 229 229 0 %100 82 MP4A Z .397 .397 0 %100 83 MP3A X 277 277 0 %100 84 MP3A Z .48 .48 0 %100 | | | | | | | |
| 77 M71 X 466 466 0 %100 78 M71 Z .807 .807 0 %100 79 MP1A X 229 229 0 %100 80 MP1A Z .397 .397 0 %100 81 MP4A X 229 229 0 %100 82 MP4A Z .397 .397 0 %100 83 MP3A X 277 277 0 %100 84 MP3A Z .48 .48 0 %100 | | | 7 | | | | |
| 78 M71 Z .807 .807 0 %100 79 MP1A X 229 229 0 %100 80 MP1A Z .397 .397 0 %100 81 MP4A X 229 229 0 %100 82 MP4A Z .397 .397 0 %100 83 MP3A X 277 277 0 %100 84 MP3A Z .48 .48 0 %100 | | | | | | | |
| 79 MP1A X 229 229 0 %100 80 MP1A Z .397 .397 0 %100 81 MP4A X 229 229 0 %100 82 MP4A Z .397 .397 0 %100 83 MP3A X 277 277 0 %100 84 MP3A Z .48 .48 0 %100 | | | | | | | |
| 80 MP1A Z .397 .397 0 %100 81 MP4A X 229 229 0 %100 82 MP4A Z .397 .397 0 %100 83 MP3A X 277 277 0 %100 84 MP3A Z .48 .48 0 %100 | | | | | | | |
| 81 MP4A X 229 229 0 %100 82 MP4A Z .397 .397 0 %100 83 MP3A X 277 277 0 %100 84 MP3A Z .48 .48 0 %100 | | | X | | | | |
| 82 MP4A Z .397 .397 0 %100 83 MP3A X 277 277 0 %100 84 MP3A Z .48 .48 0 %100 | | | | | | | |
| 83 MP3A X 277 277 0 %100 84 MP3A Z .48 .48 0 %100 | | | X | | | | |
| 84 MP3A Z .48 .48 0 %100 | | | | | | | |
| | | | | | | | |
| 85 MP2A X229229 0 %100 | | | Z | | | | |
| | 85 | MP2A | X | 229 | 229 | 0 | %100 |

: Mount Analysis

Aug 11, 2021 10:30 AM Checked By:_

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

| | Member Label | Direction | Start Magnitude[lb/ft, | .End Magnitude[lb/ft,F | Start Location[ft,%] | End Location[ft,%] |
|-----|--------------|-----------|------------------------|------------------------|----------------------|--------------------|
| 86 | MP2A | Z | .397 | .397 | 0 | %100 |
| 87 | MP4B | X | 229 | 229 | 0 | %100 |
| 88 | MP4B | Z | .397 | .397 | 0 | %100 |
| 89 | MP1B | X | 229 | 229 | 0 | %100 |
| 90 | MP1B | Z | .397 | .397 | 0 | %100 |
| 91 | MP3B | X | 277 | 277 | 0 | %100 |
| 92 | MP3B | Z | .48 | .48 | 0 | %100 |
| 93 | MP2B | X | 229 | 229 | 0 | %100 |
| 94 | MP2B | Z | .397 | .397 | 0 | %100 |
| 95 | MP4C | X | 229 | 229 | 0 | %100 |
| 96 | MP4C | Z | .397 | .397 | 0 | %100 |
| 97 | MP3C | Х | 277 | 277 | 0 | %100 |
| 98 | MP3C | Z | .48 | .48 | 0 | %100 |
| 99 | MP2C | X | 229 | 229 | 0 | %100 |
| 100 | MP2C | Z | .397 | .397 | 0 | %100 |
| 101 | MP1C | X | 229 | 229 | 0 | %100 |
| 102 | MP1C | Z | .397 | .397 | 0 | %100 |
| 103 | 01 | X | 187 | 187 | 0 | %100 |
| 104 | 01 | Z | .324 | .324 | 0 | %100 |
| 105 | O2 | X | 187 | 187 | 0 | %100 |
| 106 | O2 | Z | .324 | .324 | 0 | %100 |
| 107 | M104 | X | 208 | 208 | 0 | %100 |
| 108 | M104 | Z | .36 | .36 | 0 | %100 |
| 109 | M105 | X | 208 | 208 | 0 | %100 |
| 110 | M105 | Z | .36 | .36 | 0 | %100 |
| 111 | M106 | X | 0 | 0 | 0 | %100 |
| 112 | M106 | Z | 0 | 0 | 0 | %100 |
| 113 | M125 | X | 275 | 275 | 0 | %100 |
| 114 | M125 | Z | .477 | .477 | 0 | %100 |
| 115 | M126 | X | 0 | 0 | 0 | %100 |
| 116 | M126 | Z | 0 | 0 | 0 | %100 |
| 117 | M127 | X | 275 | 275 | 0 | %100 |
| 118 | M127 | Z | .477 | .477 | 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 | 146 | 146 | 0 | %100 |
| 2 | M1 | Z | .084 | .084 | 0 | %100 |
| 3 | M4 | Χ | 447 | 447 | 0 | %100 |
| 4 | M4 | Z | .258 | .258 | 0 | %100 |
| 5 | M10 | X | 126 | 126 | 0 | %100 |
| 6 | M10 | Z | .073 | .073 | 0 | %100 |
| 7 | M43 | X | 126 | 126 | 0 | %100 |
| 8 | M43 | Z | .073 | .073 | 0 | %100 |
| 9 | M46 | X | 251 | 251 | 0 | %100 |
| 10 | M46 | Z | .145 | .145 | 0 | %100 |
| 11 | M51B | Χ | 557 | 557 | 0 | %100 |
| 12 | M51B | Z | .321 | .321 | 0 | %100 |
| 13 | M52B | X | 139 | 139 | 0 | %100 |
| 14 | M52B | Z | .08 | .08 | 0 | %100 |
| 15 | M76 | Χ | 752 | 752 | 0 | %100 |
| 16 | M76 | Ζ | .434 | .434 | 0 | %100 |
| 17 | M77 | X | -1.021 | -1.021 | 0 | %100 |
| 18 | M77 | Z | .589 | .589 | 0 | %100 |
| 19 | M80 | X | -1.075 | -1.075 | 0 | %100 |
| 20 | M80 | Z | .621 | .621 | 0 | %100 |

Mount Analysis

Aug 11, 2021 10:30 AM Checked By:___

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

| IVICIII | <u>iber Distributea Lo</u> | aus (DLC 7 | . Structure wi | 11 (240 Deg)) (C | ontinaea) | |
|---------|----------------------------|------------|-----------------------|------------------------|----------------------|--------------------|
| | Member Label | Direction | Start Magnitude[lb/ft | .End Magnitude[lb/ft,F | Start Location[ft.%] | End Location[ft,%] |
| 21 | M84 | X | 752 | 752 | 0 | %100 |
| 22 | M84 | Z | .434 | .434 | 0 | %100 |
| 23 | M85 | X | 255 | 255 | 0 | %100 %100 |
| 24 | M85 | Z | .147 | .147 | 0 | %100 %100 |
| 25 | | | | | | |
| | M91 | X | 269 | 269 | 0 | %100 |
| 26 | M91 | Z | .155 | .155 | 0 | %100 |
| 27 | M26 | X | 585 | 585 | 0 | %100 |
| 28 | M26 | Z | .338 | .338 | 0 | %100 |
| 29 | M27 | X | 146 | 146 | 0 | %100 |
| 30 | M27 | Z | .084 | .084 | 0 | %100 |
| 31 | M28 | X | 0 | 0 | 0 | %100 |
| 32 | M28 | Z | 0 | 0 | 0 | %100 |
| 33 | M29 | X | 503 | 503 | 0 | %100 |
| 34 | M29 | Z | .29 | .29 | 0 | %100 |
| 35 | M30 | X | 503 | 503 | 0 | %100 |
| 36 | M30 | Z | .29 | .29 | 0 | %100 |
| 37 | M31 | X | -1.002 | -1.002 | 0 | %100 |
| 38 | M31 | Z | .579 | .579 | 0 | %100 %100 |
| 39 | M34 | X | 139 | 139 | 0 | %100 %100 |
| 40 | M34 | Z | .08 | .08 | 0 | %100 %100 |
| | | | | | | |
| 41 | M35 | X | 139 | 139 | 0 | %100 %100 |
| 42 | M35 | Z | .08 | .08 | 0 | %100 |
| 43 | M39 | X | 0 | 0 | 0 | %100 |
| 44 | M39 | Z | 0 | 0 | 0 | %100 |
| 45 | M40 | X | 255 | 255 | 0 | %100 |
| 46 | M40 | Z | .147 | .147 | 0 | %100 |
| 47 | M42 | X | 269 | 269 | 0 | %100 |
| 48 | M42 | Z | .155 | .155 | 0 | %100 |
| 49 | M44 | X | 0 | 0 | 0 | %100 |
| 50 | M44 | Z | 0 | 0 | 0 | %100 |
| 51 | M45 | X | 255 | 255 | 0 | %100 |
| 52 | M45 | Z | .147 | .147 | 0 | %100 |
| 53 | M47 | X | 269 | 269 | 0 | %100 |
| 54 | M47 | Z | .155 | .155 | 0 | %100 %100 |
| 55 | M52A | X | 447 | 447 | 0 | %100 %100 |
| 56 | M52A | Z | .258 | .258 | 0 | %100 %100 |
| | | | | | | |
| 57 | M53 | X | 126 | 126 | 0 | %100 |
| 58 | M53 | Z | .073 | .073 | 0 | %100 |
| 59 | M54 | X | 126 | 126 | 0 | %100 |
| 60 | M54 | Z | .073 | .073 | 0 | %100 |
| 61 | M55 | X | 251 | 251 | 0 | %100 |
| 62 | M55 | Z | .145 | .145 | 0 | %100 |
| 63 | M58A | X | 139 | 139 | 0 | %100 |
| 64 | M58A | Z | .08 | .08 | 0 | %100 |
| 65 | M59A | X | 557 | 557 | 0 | %100 |
| 66 | M59A | Z | .321 | .321 | 0 | %100 |
| 67 | M63 | X | 752 | 752 | 0 | %100 |
| 68 | M63 | Z | .434 | .434 | 0 | %100 |
| 69 | M64 | X | 255 | 255 | 0 | %100 |
| 70 | M64 | Z | .147 | .147 | 0 | %100 %100 |
| 71 | M66 | X | 269 | 269 | 0 | %100 %100 |
| | | Z | | | | |
| 72 | M66 | | .155 | .155 | 0 | %100 %400 |
| 73 | M68 | X | 752 | 752 | 0 | %100 |
| 74 | M68 | Z | .434 | .434 | 0 | %100 |
| 75 | M69 | X | -1.021 | -1.021 | 0 | %100 |
| 76 | M69 | Z | .589 | .589 | 0 | %100 |
| 77 | M71 | X | -1.075 | -1.075 | 0 | %100 |

: Mount Analysis

Aug 11, 2021 10:30 AM Checked By:__

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

| | Maria de la compansión | D: " | | 5 1M :: 1 111 /0 5 | | E 11 (* 150.0/1 |
|-----|---|-----------|------|------------------------|---|----------------------------|
| 78 | Member Label | Direction | | .End Magnitude[lb/ft,F | | End Location[ft,%] %100 |
| | M71 | Z | .621 | .621 | 0 | |
| 79 | MP1A | X | 397 | 397 | 0 | %100 |
| 80 | MP1A | Z | .229 | .229 | 0 | %100 |
| 81 | MP4A | X | 397 | 397 | 0 | %100 |
| 82 | MP4A | Z | .229 | .229 | 0 | %100 |
| 83 | MP3A | X | 48 | 48 | 0 | %100 |
| 84 | MP3A | Z | .277 | .277 | 0 | %100 |
| 85 | MP2A | X | 397 | 397 | 0 | %100 |
| 86 | MP2A | Z | .229 | .229 | 0 | %100 |
| 87 | MP4B | X | 397 | 397 | 0 | %100 |
| 88 | MP4B | Z | .229 | .229 | 0 | %100 |
| 89 | MP1B | X | 397 | 397 | 0 | %100 |
| 90 | MP1B | Z | .229 | .229 | 0 | %100 |
| 91 | MP3B | X | 48 | 48 | 0 | %100 |
| 92 | MP3B | Z | .277 | .277 | 0 | %100 |
| 93 | MP2B | X | 397 | 397 | 0 | %100 |
| 94 | MP2B | Z | .229 | .229 | 0 | %100 |
| 95 | MP4C | X | 397 | 397 | 0 | %100 |
| 96 | MP4C | Z | .229 | .229 | 0 | %100 |
| 97 | MP3C | X | 48 | 48 | 0 | %100 |
| 98 | MP3C | Z | .277 | .277 | 0 | %100 |
| 99 | MP2C | X | 397 | 397 | 0 | %100 |
| 100 | MP2C | Z | .229 | .229 | 0 | %100 |
| 101 | MP1C | X | 397 | 397 | 0 | %100 |
| 102 | MP1C | Z | .229 | .229 | 0 | %100 |
| 103 | 01 | X | 324 | 324 | 0 | %100 |
| 104 | 01 | Z | .187 | .187 | 0 | %100 |
| 105 | O2 | X | 324 | 324 | 0 | %100 |
| 106 | 02 | Z | .187 | .187 | 0 | %100 |
| 107 | M104 | X | 12 | 12 | 0 | %100 |
| 108 | M104 | Z | .069 | .069 | 0 | %100 |
| 109 | M105 | Χ | 48 | 48 | 0 | %100 |
| 110 | M105 | Z | .277 | .277 | 0 | %100 |
| 111 | M106 | X | 12 | 12 | 0 | %100 |
| 112 | M106 | Z | .069 | .069 | 0 | %100 |
| 113 | M125 | X | 636 | 636 | 0 | %100 |
| 114 | M125 | Z | .367 | .367 | 0 | %100 |
| 115 | M126 | X | 159 | 159 | 0 | %100 |
| 116 | M126 | Z | .092 | .092 | 0 | %100 |
| 117 | M127 | X | 159 | 159 | 0 | %100 |
| 118 | M127 | Z | .092 | .092 | 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 | 0 | 0 | 0 | %100 |
| 2 | M1 | Z | 0 | 0 | 0 | %100 |
| 3 | M4 | X | 688 | 688 | 0 | %100 |
| 4 | M4 | Z | 0 | 0 | 0 | %100 |
| 5 | M10 | X | 0 | 0 | 0 | %100 |
| 6 | M10 | Z | 0 | 0 | 0 | %100 |
| 7 | M43 | X | 0 | 0 | 0 | %100 |
| 8 | M43 | Z | 0 | 0 | 0 | %100 |
| 9 | M46 | X | 0 | 0 | 0 | %100 |
| 10 | M46 | Z | 0 | 0 | 0 | %100 |
| 11 | M51B | X | 482 | 482 | 0 | %100 |
| 12 | M51B | Z | 0 | 0 | 0 | %100 |

Mount Analysis

Aug 11, 2021 10:30 AM Checked By:_

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

| | Member Label | | | .End Magnitude[lb/ft,F | . Start Location[ft,%] | End Location[ft,%] |
|----|--------------|---|--------|------------------------|------------------------|--------------------|
| 13 | M52B | X | 482 | 482 | 0 | %100 |
| 14 | M52B | Z | 0 | 0 | 0 | %100 |
| 15 | M76 | Χ | -1.157 | -1.157 | 0 | %100 |
| 16 | M76 | Z | 0 | 0 | 0 | %100 |
| 17 | M77 | X | 884 | 884 | 0 | %100 |
| 18 | M77 | Z | 0 | 0 | 0 | %100 |
| 19 | M80 | X | 931 | 931 | 0 | %100 |
| 20 | M80 | Z | 0 | 0 | 0 | %100 |
| 21 | M84 | X | -1.157 | -1.157 | 0 | %100 |
| 22 | M84 | Z | 0 | 0 | 0 | %100 %100 |
| 23 | M85 | X | 884 | 884 | 0 | %100 %100 |
| 24 | M85 | Z | 0 | 0 | 0 | %100 %100 |
| | M91 | X | | | | %100 %100 |
| 25 | | Z | 931 | 931 | 0 | |
| 26 | M91 | | 0 | 0 | 0 | %100 |
| 27 | M26 | X | 506 | 506 | 0 | %100 |
| 28 | M26 | Z | 0 | 0 | 0 | %100 |
| 29 | M27 | X | 506 | 506 | 0 | %100 |
| 30 | M27 | Z | 0 | 0 | 0 | %100 |
| 31 | M28 | X | 172 | 172 | 0 | %100 |
| 32 | M28 | Z | 0 | 0 | 0 | %100 |
| 33 | M29 | X | 435 | 435 | 0 | %100 |
| 34 | M29 | Z | 0 | 0 | 0 | %100 |
| 35 | M30 | X | 435 | 435 | 0 | %100 |
| 36 | M30 | Z | 0 | 0 | 0 | %100 |
| 37 | M31 | X | 868 | 868 | 0 | %100 |
| 38 | M31 | Z | 0 | 0 | 0 | %100 |
| 39 | M34 | X | 482 | 482 | 0 | %100 |
| 40 | M34 | Z | 0 | 0 | 0 | %100 %100 |
| 41 | M35 | X | 0 | 0 | 0 | %100 %100 |
| 42 | M35 | Z | 0 | 0 | 0 | %100 %100 |
| 43 | M39 | X | 289 | 289 | 0 | %100 %100 |
| | | Z | | | 0 | |
| 44 | M39 | | 0 | 0 | | %100 |
| 45 | M40 | X | 884 | 884 | 0 | %100 |
| 46 | M40 | Z | 0 | 0 | 0 | %100 |
| 47 | M42 | X | 931 | 931 | 0 | %100 |
| 48 | M42 | Z | 0 | 0 | 0 | %100 |
| 49 | M44 | X | 289 | 289 | 0 | %100 |
| 50 | M44 | Z | 0 | 0 | 0 | %100 |
| 51 | M45 | X | 0 | 0 | 0 | %100 |
| 52 | M45 | Z | 0 | 0 | 0 | %100 |
| 53 | M47 | X | 0 | 0 | 0 | %100 |
| 54 | M47 | Z | 0 | 0 | 0 | %100 |
| 55 | M52A | X | 172 | 172 | 0 | %100 |
| 56 | M52A | Z | 0 | 0 | 0 | %100 |
| 57 | M53 | X | 435 | 435 | 0 | %100 |
| 58 | M53 | Z | 0 | 0 | 0 | %100 %100 |
| 59 | M54 | X | 435 | 435 | 0 | %100 %100 |
| 60 | M54 | Z | 433 | 433 | 0 | %100 %100 |
| 61 | M55 | X | 868 | 868 | 0 | %100 %100 |
| 62 | M55 | Z | 000 | 000 | 0 | %100 %100 |
| | | | | - | | |
| 63 | M58A | X | 0 | 0 | 0 | %100 %400 |
| 64 | M58A | Z | 0 | 0 | 0 | %100 |
| 65 | M59A | X | 482 | 482 | 0 | %100 |
| 66 | M59A | Z | 0 | 0 | 0 | %100 |
| 67 | M63 | X | 289 | 289 | 0 | %100 |
| 68 | M63 | Z | 0 | 0 | 0 | %100 |
| 69 | M64 | X | 0 | 0 | 0 | %100 |

: Mount Analysis

Aug 11, 2021 10:30 AM Checked By:___

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

| | Member Label | Direction | Start Magnitude[lb/ft, | .End Magnitude[lb/ft,F | . Start Location[ft,%] | End Location[ft,%] |
|-----|--------------|-----------|------------------------|------------------------|------------------------|--------------------|
| 70 | M64 | Z | 0 | 0 | 0 | %100 |
| 71 | M66 | Х | 0 | 0 | 0 | %100 |
| 72 | M66 | Z | 0 | 0 | 0 | %100 |
| 73 | M68 | Х | 289 | 289 | 0 | %100 |
| 74 | M68 | Z | 0 | 0 | 0 | %100 |
| 75 | M69 | X | 884 | 884 | 0 | %100 |
| 76 | M69 | Z | 0 | 0 | 0 | %100 |
| 77 | M71 | Х | 931 | 931 | 0 | %100 |
| 78 | M71 | Z | 0 | 0 | 0 | %100 |
| 79 | MP1A | Х | 458 | 458 | 0 | %100 |
| 80 | MP1A | Z | 0 | 0 | 0 | %100 |
| 81 | MP4A | Х | 458 | 458 | 0 | %100 |
| 82 | MP4A | Z | 0 | 0 | 0 | %100 |
| 83 | MP3A | X | 555 | 555 | 0 | %100 |
| 84 | MP3A | Z | 0 | 0 | 0 | %100 |
| 85 | MP2A | X | 458 | 458 | 0 | %100 |
| 86 | MP2A | Z | 0 | 0 | 0 | %100 |
| 87 | MP4B | X | 458 | 458 | 0 | %100 |
| 88 | MP4B | Z | 0 | 0 | 0 | %100 |
| 89 | MP1B | X | 458 | 458 | 0 | %100 |
| 90 | MP1B | Z | 0 | 0 | 0 | %100 |
| 91 | MP3B | X | 555 | 555 | 0 | %100 |
| 92 | MP3B | Z | 0 | 0 | 0 | %100 |
| 93 | MP2B | X | 458 | 458 | 0 | %100 |
| 94 | MP2B | Z | 0 | 0 | 0 | %100 |
| 95 | MP4C | X | 458 | 458 | 0 | %100 |
| 96 | MP4C | Z | 0 | 0 | 0 | %100 |
| 97 | MP3C | X | 555 | 555 | 0 | %100 |
| 98 | MP3C | Z | 0 | 0 | 0 | %100 |
| 99 | MP2C | X | 458 | 458 | 0 | %100 |
| 100 | MP2C | Z | 0 | 0 | 0 | %100 |
| 101 | MP1C | X | 458 | 458 | 0 | %100 |
| 102 | MP1C | Z | 0 | 0 | 0 | %100 |
| 103 | 01 | X | 375 | 375 | 0 | %100 |
| 104 | 01 | Z | 0 | 0 | 0 | %100 |
| 105 | 02 | X | 375 | 375 | 0 | %100 |
| 106 | 02 | Z | 0 | 0 | 0 | %100 |
| 107 | M104 | X | 0 | 0 | 0 | %100 |
| 108 | M104 | Z | 0 | 0 | 0 | %100 |
| 109 | M105 | X | 416 | 416 | 0 | %100 |
| 110 | M105 | Z | 0 | 0 | 0 | %100 |
| 111 | M106 | X | 416 | 416 | 0 | %100 |
| 112 | M106 | Z | 0 | 0 | 0 | %100 |
| 113 | M125 | X | 551 | 551 | 0 | %100 |
| 114 | M125 | Z | 0 | 0 | 0 | %100 |
| 115 | M126 | X | 551 | 551 | 0 | %100 |
| 116 | M126 | Z | 0 | 0 | 0 | %100 |
| 117 | M127 | X | 0 | 0 | 0 | %100 |
| 118 | M127 | 7 | 0 | 0 | 0 | %100 %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 | 146 | 146 | 0 | %100 |
| 2 | M1 | Z | 084 | 084 | 0 | %100 |
| 3 | M4 | X | 447 | 447 | 0 | %100 |
| 4 | M4 | Z | 258 | 258 | 0 | %100 |

Mount Analysis

Aug 11, 2021 10:30 AM Checked By:__

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

| Micili | Dei Distributed Loc | add (DEO 70 | . Otractare win | I (000 Deg)) (0 | ontinaca, | |
|--------|---------------------|-------------|-----------------------|------------------------|----------------------|--------------------|
| | Member Label | Direction | Start Magnitude[lb/ft | .End Magnitude[lb/ft,F | Start Location[ft %] | End Location[ft,%] |
| 5 | M10 | X | 126 | 126 | 0 | %100 |
| 6 | M10 | Z | 073 | 073 | 0 | %100 %100 |
| 7 | M43 | X | 126 | 126 | 0 | %100 %100 |
| 8 | M43 | Z | 073 | 073 | 0 | %100 %100 |
| | | | 251 | 251 | | |
| 9 | M46 | X | | | 0 | %100 |
| 10 | M46 | Z | 145 | 145 | 0 | %100 |
| 11 | M51B | X | 139 | 139 | 0 | %100 |
| 12 | <u>M51B</u> | Z | 08 | 08 | 0 | %100 |
| 13 | M52B | X | 557 | 557 | 0 | %100 |
| 14 | M52B | Z | 321 | 321 | 0 | %100 |
| 15 | M76 | X | 752 | 752 | 0 | %100 |
| 16 | M76 | Z | 434 | 434 | 0 | %100 |
| 17 | M77 | X | 255 | 255 | 0 | %100 |
| 18 | M77 | Z | 147 | 147 | 0 | %100 |
| 19 | M80 | Х | 269 | 269 | 0 | %100 |
| 20 | M80 | Z | 155 | 155 | 0 | %100 |
| 21 | M84 | X | 752 | 752 | 0 | %100 |
| 22 | M84 | Z | 434 | 434 | 0 | %100 |
| 23 | M85 | X | -1.021 | -1.021 | 0 | %100 |
| 24 | M85 | Z | 589 | 589 | 0 | %100 %100 |
| 25 | M91 | X | -1.075 | -1.075 | 0 | %100 %100 |
| 26 | M91 | Z | 621 | 621 | 0 | %100 %100 |
| 27 | M26 | X | 146 | 146 | 0 | %100 %100 |
| 28 | M26 | Z | 084 | 084 | 0 | %100 %100 |
| | | | | | | |
| 29 | M27 | X | 585 | 585 | 0 | %100 |
| 30 | M27 | Z | 338 | 338 | 0 | %100 |
| 31 | M28 | X | 447 | 447 | 0 | %100 |
| 32 | M28 | Z | 258 | 258 | 0 | %100 |
| 33 | M29 | X | 126 | 126 | 0 | %100 |
| 34 | M29 | Z | 073 | 073 | 0 | %100 |
| 35 | M30 | X | 126 | 126 | 0 | %100 |
| 36 | M30 | Z | 073 | 073 | 0 | %100 |
| 37 | M31 | Χ | 251 | 251 | 0 | %100 |
| 38 | M31 | Z | 145 | 145 | 0 | %100 |
| 39 | M34 | X | 557 | 557 | 0 | %100 |
| 40 | M34 | Ζ | 321 | 321 | 0 | %100 |
| 41 | M35 | Χ | 139 | 139 | 0 | %100 |
| 42 | M35 | Z | 08 | 08 | 0 | %100 |
| 43 | M39 | Χ | 752 | 752 | 0 | %100 |
| 44 | M39 | Z | 434 | 434 | 0 | %100 |
| 45 | M40 | X | -1.021 | -1.021 | 0 | %100 |
| 46 | M40 | Z | 589 | 589 | 0 | %100 %100 |
| 47 | M42 | X | -1.075 | -1.075 | 0 | %100 %100 |
| 48 | M42 | Z | 621 | 621 | 0 | %100 %100 |
| 49 | M44 | X | 752 | 752 | 0 | %100 %100 |
| 50 | M44 | Z | 434 | 434 | 0 | %100 %100 |
| | M45 | X | | | 0 | |
| 51 | | Z | 255 | 255 | | %100 %100 |
| 52 | M45 | | 147 | 147 | 0 | %100 %100 |
| 53 | M47 | X | 269 | 269 | 0 | %100 %400 |
| 54 | M47 | Z | 155 | 155 | 0 | %100 |
| 55 | M52A | X | 0 | 0 | 0 | %100 |
| 56 | M52A | Z | 0 | 0 | 0 | %100 |
| 57 | M53 | X | 503 | 503 | 0 | %100 |
| 58 | M53 | Z | 29 | 29 | 0 | %100 |
| 59 | M54 | X | 503 | 503 | 0 | %100 |
| 60 | M54 | Z | 29 | 29 | 0 | %100 |
| 61 | M55 | Χ | -1.002 | -1.002 | 0 | %100 |

Mount Analysis

Aug 11, 2021 10:30 AM Checked By:__

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

| | Member Label | Direction | Start Magnitude[lb/ft,. | End Magnitude[lb/ft,F | Start Location[ft,%] | End Location[ft,%] |
|------------|-----------------|-----------|-------------------------|-----------------------|----------------------|--------------------|
| 62 | M55 | Z | 579 | 579 | 0 | %100 |
| 63 | M58A | X | 139 | 139 | 0 | %100 |
| 64 | M58A | Z | 08 | 08 | 0 | %100 |
| 65 | M59A | X | 139 | 139 | 0 | %100 |
| 66 | M59A | Z | 08 | 08 | 0 | %100 |
| 67 | M63 | X | 0 | 0 | 0 | %100 |
| 68 | M63 | Z | 0 | 0 | 0 | %100 |
| 69 | M64 | X | 255 | 255 | 0 | %100 |
| 70 | M64 | Z | 147 | 147 | 0 | %100 |
| 71 | M66 | X | 269 | 269 | 0 | %100 |
| 72 | M66 | Z | 155 | 155 | 0 | %100 |
| 73 | M68 | X | 0 | 0 | 0 | %100 |
| 74 | M68 | Z | 0 | 0 | 0 | %100 |
| 75 | M69 | X | 255 | 255 | 0 | %100 |
| 76 | M69 | Z | 147 | 147 | 0 | %100 |
| 77 | M71 | X | 269 | 269 | 0 | %100 |
| 78 | M71 | Z | 155 | 155 | 0 | %100 |
| 79 | MP1A | X | 397 | 397 | 0 | %100 |
| 80 | MP1A | Z | 229 | 229 | 0 | %100 |
| 81 | MP4A | X | 397 | 397 | 0 | %100 |
| 82 | MP4A | Z | 229 | 229 | 0 | %100 |
| 83 | MP3A | X | 48 | 48 | 0 | %100 |
| 84 | MP3A | Z | 277 | 277 | 0 | %100 |
| 85 | MP2A | X | 397 | 397 | 0 | %100 |
| 86 | MP2A | Z | 229 | 229 | 0 | %100 |
| 87 | MP4B | X | 397 | 397 | 0 | %100 |
| 88 | MP4B | Z | 229 | 229 | 0 | %100 |
| 89 | MP1B | X | 397 | 397 | 0 | %100 |
| 90 | MP1B | Z | 229 | 229 | 0 | %100 |
| 91 | MP3B | X | 48 | 48 | 0 | %100 |
| 92 | MP3B | Z | 277 | 277 | 0 | %100 |
| 93 | MP2B | X | 397 | 397 | 0 | %100 |
| 94 | MP2B | Z | 229 | 229 | 0 | %100 |
| 95 | MP4C | X | 397 | 397 | 0 | %100 |
| 96 | MP4C | Z | 229 | 229 | 0 | %100 |
| 97 | MP3C | X | 48 | 48 | 0 | %100 |
| 98 | MP3C | Z | 277 | 277 | 0 | %100 %400 |
| 99 | MP2C | X Z | 397 | 397 | 0 | %100 %400 |
| 100 | MP2C | X | 229 | 229 | 0 | %100 %100 |
| 101 | MP1C | | 397 229 | 397 229 | 0 | %100 %100 |
| | MP1C | Z | 324 | 324 | 0 | %100 %100 |
| 103 104 | <u>O1</u> O1 | X Z | 324 | 324 | 0 | %100 %100 |
| 105 | 01 02 | X | 324 | 324 | 0 | %100 %100 |
| 106 | 02 | Z | 187 | 187 | 0 | %100 %100 |
| 107 | M104 | X | 10 <i>t</i> 12 | 12 | 0 | %100 %100 |
| 107 | M104 | Z | 069 | 069 | 0 | %100 %100 |
| 109 | M105 | X | 12 | 12 | 0 | %100 %100 |
| 110 | M105 | Z | 069 | 069 | 0 | %100 %100 |
| 111 | M106 | X | 48 | 48 | 0 | %100 %100 |
| 112 | M106 | Z | 277 | 277 | 0 | %100 %100 |
| 113 | M125 | X | 159 | 159 | 0 | %100 %100 |
| 114 | M125 | Z | 092 | 092 | 0 | %100 %100 |
| 115 | M126 | X | 636 | 636 | 0 | %100 %100 |
| 116 | M126 | Z | 367 | 367 | 0 | %100 %100 |
| 117 | M127 | X | 159 | 159 | 0 | %100 %100 |
| 118 | M127 | Z | 092 | 092 | 0 | %100 %100 |
| 110 | IVI I Z I | | 032 | 032 | U | 70 100 |

Mount Analysis

Aug 11, 2021 10:30 AM Checked By:___

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

| | Member Label | Direction | Start Magnitude[lb/ft, | End Magnitude[lb/ft,F | . Start Location[ft,%] | End Location[ft,%] |
|----|--------------|-----------|------------------------|-----------------------|------------------------|--------------------|
| 1 | M1 | X | 253 | 253 | 0 | %100 |
| 2 | M1 | Z | 439 | 439 | 0 | %100 |
| 3 | M4 | X | 086 | 086 | 0 | %100 |
| 4 | M4 | Z | 149 | 149 | 0 | %100 |
| 5 | M10 | X | 218 | 218 | 0 | %100 |
| 6 | M10 | Z | 377 | 377 | 0 | %100 |
| 7 | M43 | X | 218 | 218 | 0 | %100 |
| 8 | M43 | Z | 377 | 377 | 0 | %100 |
| 9 | M46 | X | 434 | 434 | 0 | %100 |
| 10 | M46 | Z | 752 | 752 | 0 | %100 |
| 11 | M51B | X | 0 | 0 | 0 | %100 |
| 12 | M51B | Z | 0 | 0 | 0 | %100 |
| 13 | M52B | X | 241 | 241 | 0 | %100 |
| 14 | M52B | Z | 417 | 417 | 0 | %100 |
| 15 | M76 | X | 145 | 145 | 0 | %100 |
| 16 | M76 | Z | 251 | 251 | 0 | %100 |
| 17 | M77 | X | 0 | 0 | 0 | %100 |
| 18 | M77 | Z | 0 | 0 | 0 | %100 |
| 19 | M80 | X | 0 | 0 | 0 | %100 |
| 20 | M80 | Z | 0 | 0 | 0 | %100 |
| 21 | M84 | X | 145 | 145 | 0 | %100 |
| 22 | M84 | Z | 251 | 251 | 0 | %100 |
| 23 | M85 | X | 442 | 442 | 0 | %100 |
| 24 | M85 | Z | 766 | 766 | 0 | %100 |
| 25 | M91 | X | 466 | 466 | 0 | %100 |
| 26 | M91 | Z | 807 | 807 | 0 | %100 |
| 27 | M26 | X | 0 | 0 | 0 | %100 |
| 28 | M26 | Z | 0 | 0 | 0 | %100 |
| 29 | M27 | X | 253 | 253 | 0 | %100 |
| 30 | M27 | Z | 439 | 439 | 0 | %100 |
| 31 | M28 | X | 344 | 344 | 0 | %100 |
| 32 | M28 | Z | 596 | 596 | 0 | %100 |
| 33 | M29 | X | 0 | 0 | 0 | %100 |
| 34 | M29 | Z | 0 | 0 | 0 | %100 |
| 35 | M30 | X | 0 | 0 | 0 | %100 |
| 36 | M30 | Z | 0 | 0 | 0 | %100 |
| 37 | M31 | X | 0 | 0 | 0 | %100 |
| 38 | M31 | Z | 0 | 0 | 0 | %100 |
| 39 | M34 | X | 241 | 241 | 0 | %100 |
| 40 | <u>M34</u> | Z | 417 | 417 | 0 | %100 |
| 41 | <u>M35</u> | X | 241 | 241 | 0 | %100 |
| 42 | <u>M35</u> | Z | 417 | 417 | 0 | %100 |
| 43 | <u>M39</u> | X | 579 | 579 | 0 | %100 |
| 44 | M39 | Z | -1.002 | -1.002 | 0 | %100 |
| 45 | M40 | X | 442 | 442 | 0 | %100 |
| 46 | M40 | Z | 766 | 766 | 0 | %100 |
| 47 | M42 | X | 466 | 466 | 0 | %100 |
| 48 | M42 | Z | 807 | 807 | 0 | %100 |
| 49 | M44 | X | 579 | 579 | 0 | %100 |
| 50 | M44 | Z | -1.002 | -1.002 | 0 | %100 |
| 51 | M45 | X | 442 | 442 | 0 | %100 |
| 52 | M45 | Z | 766 | 766 | 0 | %100 |
| 53 | M47 | X | 466 | 466 | 0 | %100 |
| 54 | M47 | Z | 807 | 807 | 0 | %100 |
| 55 | M52A | X | 086 | 086 | 0 | %100 |
| 56 | M52A | Z | 149 | 149 | 0 | %100 |
| 57 | M53 | X | 218 | 218 | 0 | %100 |

Mount Analysis

Aug 11, 2021 10:30 AM Checked By:__

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

| IVICIII | <u>ber Distributed Loa</u> | - | | | | |
|---------|----------------------------|-----------|-----|------------------------|------------------------|--------------------|
| | Member Label | Direction | | .End Magnitude[lb/ft,F | . Start Location[ft,%] | End Location[ft,%] |
| 58 | M53 | Z | 377 | 377 | 0 | %100 |
| 59 | M54 | X | 218 | 218 | 0 | %100 |
| 60 | M54 | Z | 377 | 377 | 0 | %100 |
| 61 | M55 | X | 434 | 434 | 0 | %100 |
| 62 | M55 | Z | 752 | 752 | 0 | %100 |
| 63 | M58A | X | 241 | 241 | 0 | %100 |
| 64 | M58A | Z | 417 | 417 | 0 | %100 |
| 65 | M59A | X | 0 | 0 | 0 | %100 |
| 66 | M59A | Z | 0 | 0 | 0 | %100 |
| 67 | M63 | X | 145 | 145 | 0 | %100 |
| 68 | M63 | Z | 251 | 251 | 0 | %100 |
| 69 | M64 | X | 442 | 442 | 0 | %100 |
| 70 | M64 | Z | 766 | 766 | 0 | %100 |
| 71 | M66 | Х | 466 | 466 | 0 | %100 |
| 72 | M66 | Z | 807 | 807 | 0 | %100 |
| 73 | M68 | X | 145 | 145 | 0 | %100 |
| 74 | M68 | Z | 251 | 251 | 0 | %100 |
| 75 | M69 | X | 0 | 0 | 0 | %100 |
| 76 | M69 | Z | 0 | 0 | 0 | %100 |
| 77 | M71 | X | 0 | 0 | 0 | %100 |
| 78 | M71 | Z | 0 | 0 | 0 | %100 |
| 79 | MP1A | X | 229 | 229 | 0 | %100 |
| 80 | MP1A | Z | 397 | 397 | 0 | %100 |
| 81 | MP4A | X | 229 | 229 | 0 | %100 |
| 82 | MP4A | Z | 397 | 397 | 0 | %100 |
| 83 | MP3A | X | 277 | 277 | 0 | %100 |
| 84 | MP3A | Z | 48 | 48 | 0 | %100 |
| 85 | MP2A | X | 229 | 229 | 0 | %100 |
| 86 | MP2A | Z | 397 | 397 | 0 | %100 |
| 87 | MP4B | X | 229 | 229 | 0 | %100 |
| 88 | MP4B | Z | 397 | 397 | 0 | %100 |
| 89 | MP1B | X | 229 | 229 | 0 | %100 |
| 90 | MP1B | Z | 397 | 397 | 0 | %100 |
| 91 | MP3B | X | 277 | 277 | 0 | %100 |
| 92 | MP3B | Z | 48 | 48 | 0 | %100 |
| 93 | MP2B | X | 229 | 229 | 0 | %100 |
| 94 | MP2B | Z | 397 | 397 | 0 | %100 |
| 95 | MP4C | X | 229 | 229 | 0 | %100 |
| 96 | MP4C | Z | 397 | 397 | 0 | %100 |
| 97 | MP3C | X | 277 | 277 | 0 | %100 %100 |
| 98 | MP3C | Z | 48 | 48 | 0 | %100 %100 |
| 99 | MP2C | X | 229 | 229 | 0 | %100 %100 |
| 100 | MP2C | Z | 397 | 397 | 0 | %100 %100 |
| 101 | MP1C | X | 229 | 229 | 0 | %100 %100 |
| 102 | MP1C | Z | 397 | 397 | 0 | %100 %100 |
| 103 | 01 | X | 187 | 187 | 0 | %100 %100 |
| 104 | 01 | Z | 324 | 324 | 0 | %100 %100 |
| 105 | O2 | X | 187 | 187 | 0 | %100 %100 |
| 106 | 02 | Z | 324 | 324 | 0 | %100 %100 |
| 107 | M104 | X | 208 | 208 | 0 | %100 %100 |
| 108 | M104 | Z | 36 | 36 | 0 | %100 %100 |
| 109 | M105 | X | 0 | 0 | 0 | %100 %100 |
| 110 | M105 | Z | 0 | 0 | 0 | %100 %100 |
| 111 | M106 | X | 208 | 208 | 0 | %100 %100 |
| 112 | M106 | Z | 36 | 36 | 0 | %100 %100 |
| 113 | M125 | X | 0 | 0 | 0 | %100 %100 |
| 114 | M125 | Z | 0 | 0 | 0 | %100 %100 |
| | 111.120 | _ | | | • | 70.100 |

: Mount Analysis

Aug 11, 2021 10:30 AM Checked By:___

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

| | Member Label | Direction | Start Magnitude[lb/ft, | .End Magnitude[lb/ft,F | . Start Location[ft,%] | End Location[ft,%] |
|-----|--------------|-----------|------------------------|------------------------|------------------------|--------------------|
| 115 | M126 | X | 275 | 275 | 0 | %100 |
| 116 | M126 | Z | 477 | 477 | 0 | %100 |
| 117 | M127 | Х | 275 | 275 | 0 | %100 |
| 118 | M127 | Z | 477 | 477 | 0 | %100 |

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

| | Member Label | Direction | Start Magnitude[lb/ft, | .End Magnitude[lb/ft,F | . Start Location[ft,%] | End Location[ft,%] |
|----|--------------|-----------|------------------------|------------------------|------------------------|--------------------|
| 1 | M34 | Υ | -1.597 | -4.066 | 0 | .832 |
| 2 | M34 | Υ | -4.066 | -6.636 | .832 | 1.665 |
| 3 | M34 | Υ | -6.636 | -7.874 | 1.665 | 2.497 |
| 4 | M34 | Υ | -7.874 | -6.293 | 2.497 | 3.329 |
| 5 | M34 | Υ | -6.293 | -3.33 | 3.329 | 4.162 |
| 6 | M35 | Υ | -3.329 | -6.32 | 0 | .832 |
| 7 | M35 | Υ | -6.32 | -7.943 | .832 | 1.665 |
| 8 | M35 | Υ | -7.943 | -6.773 | 1.665 | 2.497 |
| 9 | M35 | Υ | -6.773 | -4.256 | 2.497 | 3.329 |
| 10 | M35 | Υ | -4.256 | -1.812 | 3.329 | 4.162 |
| 11 | M58A | Υ | -1.807 | -4.258 | 0 | .832 |
| 12 | M58A | Υ | -4.258 | -6.771 | .832 | 1.665 |
| 13 | M58A | Υ | -6.771 | -7.939 | 1.665 | 2.497 |
| 14 | M58A | Υ | -7.939 | -6.325 | 2.497 | 3.329 |
| 15 | M58A | Υ | -6.325 | -3.336 | 3.329 | 4.162 |
| 16 | M59A | Υ | -3.33 | -6.293 | 0 | .832 |
| 17 | M59A | Υ | -6.293 | -7.874 | .832 | 1.665 |
| 18 | M59A | Υ | -7.874 | -6.634 | 1.665 | 2.497 |
| 19 | M59A | Υ | -6.634 | -4.064 | 2.497 | 3.329 |
| 20 | M59A | Υ | -4.064 | -1.601 | 3.329 | 4.162 |
| 21 | M51B | Υ | -1.807 | -4.258 | 0 | .832 |
| 22 | M51B | Υ | -4.258 | -6.771 | .832 | 1.665 |
| 23 | M51B | Υ | -6.771 | -7.939 | 1.665 | 2.497 |
| 24 | M51B | Υ | -7.939 | -6.325 | 2.497 | 3.329 |
| 25 | M51B | Υ | -6.325 | -3.336 | 3.329 | 4.162 |
| 26 | M52B | Υ | -3.33 | -6.293 | 0 | .832 |
| 27 | M52B | Υ | -6.293 | -7.874 | .832 | 1.665 |
| 28 | M52B | Υ | -7.874 | -6.634 | 1.665 | 2.497 |
| 29 | M52B | Υ | -6.634 | -4.064 | 2.497 | 3.329 |
| 30 | M52B | Υ | -4.064 | -1.601 | 3.329 | 4.162 |

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

| | Member Label | Direction | Start Magnitude[lb/ft, | .End Magnitude[lb/ft,F | . Start Location[ft,%] | End Location[ft,%] |
|----|--------------|-----------|------------------------|------------------------|------------------------|--------------------|
| 1 | M34 | Υ | -5.048 | -12.848 | 0 | .832 |
| 2 | M34 | Υ | -12.848 | -20.971 | .832 | 1.665 |
| 3 | M34 | Υ | -20.971 | -24.881 | 1.665 | 2.497 |
| 4 | M34 | Υ | -24.881 | -19.885 | 2.497 | 3.329 |
| 5 | M34 | Υ | -19.885 | -10.523 | 3.329 | 4.162 |
| 6 | M35 | Υ | -10.518 | -19.973 | 0 | .832 |
| 7 | M35 | Υ | -19.973 | -25.099 | .832 | 1.665 |
| 8 | M35 | Υ | -25.099 | -21.404 | 1.665 | 2.497 |
| 9 | M35 | Υ | -21.404 | -13.449 | 2.497 | 3.329 |
| 10 | M35 | Υ | -13.449 | -5.726 | 3.329 | 4.162 |
| 11 | M58A | Υ | -5.71 | -13.455 | 0 | .832 |
| 12 | M58A | Υ | -13.455 | -21.396 | .832 | 1.665 |
| 13 | M58A | Υ | -21.396 | -25.086 | 1.665 | 2.497 |
| 14 | M58A | Υ | -25.086 | -19.987 | 2.497 | 3.329 |
| 15 | M58A | Υ | -19.987 | -10.543 | 3.329 | 4.162 |
| 16 | M59A | Υ | -10.521 | -19.885 | 0 | .832 |

Company : Maser Consulting Designer : Job Number :

: Mount Analysis

Aug 11, 2021 10:30 AM Checked By:___

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

| | Member Label | Direction | Start Magnitude[lb/ft, | .End Magnitude[lb/ft,F | . Start Location[ft,%] | End Location[ft,%] |
|----|--------------|-----------|------------------------|------------------------|------------------------|--------------------|
| 17 | M59A | Υ | -19.885 | -24.881 | .832 | 1.665 |
| 18 | M59A | Υ | -24.881 | -20.965 | 1.665 | 2.497 |
| 19 | M59A | Υ | -20.965 | -12.843 | 2.497 | 3.329 |
| 20 | M59A | Υ | -12.843 | -5.06 | 3.329 | 4.162 |
| 21 | M51B | Υ | -5.71 | -13.455 | 0 | .832 |
| 22 | M51B | Υ | -13.455 | -21.396 | .832 | 1.665 |
| 23 | M51B | Υ | -21.396 | -25.086 | 1.665 | 2.497 |
| 24 | M51B | Υ | -25.086 | -19.987 | 2.497 | 3.329 |
| 25 | M51B | Υ | -19.987 | -10.543 | 3.329 | 4.162 |
| 26 | M52B | Υ | -10.521 | -19.885 | 0 | .832 |
| 27 | M52B | Υ | -19.885 | -24.881 | .832 | 1.665 |
| 28 | M52B | Υ | -24.881 | -20.965 | 1.665 | 2.497 |
| 29 | M52B | Y | -20.965 | -12.843 | 2.497 | 3.329 |
| 30 | M52B | Υ | -12.843 | -5.06 | 3.329 | 4.162 |

Member Area Loads (BLC 39 : Structure D)

| | Joint A | Joint B | Joint C | Joint D | Direction | Distribution | Magnitude[ksf] |
|---|---------|---------|---------|---------|-----------|--------------|----------------|
| 1 | N63 | N61 | N39 | N40 | Υ | Two Way | 005 |
| 2 | N67 | N68 | N91 | N89 | Υ | Two Way | 005 |
| 3 | N7 | N87B | N87C | N6 | Υ | Two Way | 005 |

Member Area Loads (BLC 40 : Structure Di)

| | Joint A | Joint B | Joint C | Joint D | Direction | Distribution | Magnitude[ksf] |
|---|---------|---------|---------|---------|-----------|--------------|----------------|
| 1 | N63 | N61 | N39 | N40 | Υ | Two Way | 016 |
| 2 | N67 | N68 | N91 | N89 | Υ | Two Way | 016 |
| 3 | N7 | N87B | N87C | N6 | Υ | Two Way | 016 |

Envelope Joint Reactions

| | Joint | | X [lb] | LC | Y [lb] | LC | Z [lb] | LC | MX [k-ft] | LC | MY [k-ft] | LC | MZ [k-ft] | LC |
|---|---------|-----|-----------|----|----------|----|-----------|----|-----------|----|-----------|----|-----------|----|
| 1 | N3 | max | 865.664 | 10 | 3566.645 | 13 | 2139.826 | 1 | 7.502 | 13 | 1.45 | 4 | .022 | 2 |
| 2 | | min | -896.358 | 4 | 645.536 | 7 | -2396.497 | 7 | .555 | 7 | -1.503 | 10 | 535 | 20 |
| 3 | N37 | max | 1851.785 | 9 | 3303.7 | 21 | 1470.796 | 2 | 495 | 3 | 1.232 | 12 | 212 | 3 |
| 4 | | min | -2060.211 | 3 | 576.832 | 3 | -1316.816 | 8 | -3.755 | 21 | -1.293 | 6 | -5.671 | 21 |
| 5 | N65 | max | 2123.203 | 10 | 3171.717 | 17 | 1056.446 | 11 | 011 | 11 | 1.183 | 8 | 6.055 | 17 |
| 6 | | min | -1882.552 | 4 | 550.805 | 11 | -952.748 | 5 | -2.904 | 17 | -1.238 | 2 | .633 | 11 |
| 7 | Totals: | max | 4669.578 | 10 | 9648.948 | 24 | 4440.335 | 1 | | | • | | • | |
| 8 | | min | -4669.578 | 4 | 3278.747 | 6 | -4440.333 | 7 | | | | | | |

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

| | Member | Shape | Code Check | Loc[ft] | LC | Shear | Loc[ft] | Dir | LC | phi*Pnc [| phi*Pnt [lb] | phi*Mn y | phi*Mn z | .Cb Eqn |
|----|--------|----------|------------|---------|----|-------|---------|-----|----|-----------|--------------|----------|----------|---------|
| 1 | M1 | PIPE 3.0 | .222 | 4.297 | 18 | .069 | 9.896 | | 19 | 28250.554 | 65205 | 5.749 | 5.749 | 2 H1-1b |
| 2 | M4 | HSS4X4X4 | .473 | 0 | 23 | .128 | 0 | У | 23 | 124317.8 | 139518 | 16.181 | 16.181 | 3 H1-1b |
| 3 | M10 | HSS4X4X4 | .229 | 2.375 | 14 | .062 | 2.375 | y | 24 | 136263.03 | 139518 | 16.181 | 16.181 | 1 H1-1b |
| 4 | M43 | HSS4X4X4 | .227 | 0 | 24 | .086 | 0 | У | | 136263.03 | | 16.181 | 16.181 | 1 H1-1b |
| 5 | M46 | PL1/2x6 | .189 | .516 | 2 | .169 | .516 | У | 15 | 66009.234 | 97200 | 1.012 | 12.15 | 1 H1-1b |
| 6 | M51B | L2x2x3 | .136 | 0 | 2 | .017 | 0 | У | 16 | 9823.122 | 23392.8 | .558 | 1.082 | 1 H2-1 |
| 7 | M52B | L2x2x3 | .152 | 0 | 12 | .015 | 0 | У | 21 | 9823.122 | 23392.8 | .558 | 1.082 | 1 H2-1 |
| 8 | M76 | PL3/8x6 | .243 | 0 | 2 | .439 | 0 | ٧ | 20 | 70677.939 | 72900 | .57 | 9.113 | 1 H1-1b |
| 9 | M77 | PL3/8x6 | .235 | .167 | 8 | .455 | 0 | ý | 13 | 71601.728 | 72900 | .57 | 9.113 | 1 H1-1b |
| 10 | M80 | PL1/2x6 | .062 | .112 | 1 | .061 | .112 | У | 4 | 96757.507 | 97200 | 1.012 | 12.15 | 1 H1-1b |
| 11 | M84 | PL3/8x6 | .129 | 0 | 1 | .177 | 0 | У | 20 | 70677.939 | 72900 | .57 | 9.113 | 1 H1-1b |
| 12 | M85 | PL3/8x6 | .274 | .167 | 6 | .500 | 0 | У | 24 | 71601.728 | 72900 | .57 | 9.113 | 2 H1-1b |

: Mount Analysis

Aug 11, 2021 10:30 AM Checked By:__

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

| | Member | Shape | Code Check | L oo[ff] | | Choor | Loo[#1 | Dir | LC phi*Pnc [| nhi*Dnt [lh] | nhi*Mn v | .phi*Mn zCb Egn |
|----------|--------------|--------------------|--------------|----------------|-----------|--------------|--------|-----|------------------------------|----------------|----------------|--------------------------------|
| 13 | M91 | PL1/2x6 | .052 | .112 | 2 | .084 | 0 | ווט | 3 96757.507 | 97200 | 1.012 | 12.15 1 H1-1b |
| 14 | M26 | PIPE 3.0 | .239 | 4.297 | | .065 | 8.333 | У | 16 28250.554 | 65205 | 5.749 | 5.749 2H1-1b |
| 15 | M27 | PIPE 3.0 | .237 | 4.297 | | .003 | 8.333 | | 24 28250.554 | | 5.749 | 5.749 2H1-1b |
| 16 | M28 | HSS4X4X4 | .430 | | 21 | .119 | 0.555 | V | 19 124317.8 | | 16.181 | 16.181 3H1-1b |
| 17 | M29 | HSS4X4X4 | .210 | 2.375 | | .056 | 2.375 | | 20 136263.03 | | 16.181 | 16.181 1H1-1b |
| 18 | M30 | HSS4X4X4 | .211 | | 20 | | 0 | | 24 136263.03 | | 16.181 | 16.181 1H1-1b |
| 19 | M31 | PL1/2x6 | .205 | | 10 | .158 | .516 | _ | 23 66009.234 | | 1.012 | 12.15 1H1-1b |
| 20 | M34 | L2x2x3 | .139 | 0 | 10 | .017 | 4.162 | | 24 9823.122 | | .558 | 1.082 1 H2-1 |
| 21 | M35 | L2x2x3 | .145 | 0 | 8 | .017 | 0 | V | 17 9823.122 | | .558 | 1.082 1 H2-1 |
| 22 | M39 | PL3/8x6 | .277 | | 10 | .420 | 0 | V | 16 70677.939 | | .57 | 9.113 1H1-1b |
| 23 | M40 | PL3/8x6 | .250 | .167 | 4 | .416 | 0 | V | 21 71601.728 | 72900 | .57 | 9.113 1H1-1b |
| 24 | M42 | PL1/2x6 | .066 | .112 | 9 | .074 | .112 | V | 36 96757.507 | 97200 | 1.012 | 12.15 1H1-1b |
| 25 | M44 | PL1/2x0 PL3/8x6 | .147 | 0 | 9 | .161 | | | 16 70677.939 | | .57 | 9.113 1H1-1b |
| 26 | M45 | | .259 | .167 | 2 | .464 | 0 | V | 2071601.728 | | .57 | 9.113 2H1-1b |
| 27 | M47 | PL3/8x6 PL1/2x6 | .055 | .112 | 9 | .141 | 0 | V | 35 96757.507 | 97200 | 1.012 | 12.15 1 H1-1b |
| 28 | | HSS4X4X4 | .420 | | 15 | | 0 | | 16 124317.8 | | 16.181 | |
| | M52A | | | 2.375 | | | 2.375 | У | 16 136263.03 | | | |
| 29 | M53 | HSS4X4X4 | .217 | | | .058 | | | 17 136263.03 | | 16.181 | 16.181 1 H1-1b |
| 30 | M54 | HSS4X4X4 | .215 .185 | .516 | <u>16</u> | .082 .162 | .516 | У | | | 16.181 | 16.181 1 H1-1b |
| 31 | M55 | PL1/2x6 L2x2x3 | .131 | | 6 | | | У | 20 66009.234 21 9823.122 | | 1.012 | 12.15 1 H1-1b |
| 32 | M58A | | | 0 | 6 | .018 | 0 | У | | | .558 | |
| 33 | M59A | L2x2x3 | .152 | 0 | 4 | .015 | 0 | У | 13 9823.122 23 70677.939 | | .558 | 1.082 1 H2-1 |
| 34 | M63 | PL3/8x6 | .240 | 0 | 6 | .432 | 0 | , | | 1 2000 | .57 | 9.113 1 H1-1b |
| 35 | M64 | PL3/8x6 | .226 | | 11 | .430 | 0 | У | 17 71601.728 | 72900 | .57 | 9.113 1 H1-1b |
| 36 | M66 | PL1/2x6 | .064 .161 | .112 | 5 | .066 | .112 | У | 20 96757.507 24 70677.939 | 97200 | 1.012 .57 | 12.15 1 H1-1b |
| 37 | M68 | PL3/8x6 | .279 | .167 | 4 | .165 | 0 | У | 16 71601.728 | 72900 | | 9.113 1 H1-1b |
| 38 | M69 | PL3/8x6 | | .112 | <u>10</u> | .477 | 0 | У | 7 96757.507 | | .57 | 01110 1111 |
| 39 | M71 | PL1/2x6 | .055 | 3.375 | _ | .081 .131 | 3.375 | У | 10 20866.733 | 97200 32130 | 1.012 | 12.15 1 H1-1b |
| 40 | MP1A MP4A | PIPE 2.0 | .442 .196 | 3.375 | | .106 | 3.438 | | 10 20866.733 | 32130 | 1.872 1.872 | 1.872 1 H1-1b |
| 42 | MP3A | PIPE 2.0 | .265 | 3.375 | | .074 | 3.375 | | 7 37773.818 | 50715 | 3.596 | 3.596 1H1-1b |
| 43 | MP2A | PIPE 2.0 | .269 | 3.375 | | .056 | 3.375 | | 3 20866.733 | | 1.872 | 1.872 1 H1-1b |
| | | PIPE 2.0 | | 3.375 | | | | | 2 20866.733 | 32130 | | |
| 44 | MP4B | | .213 | | | .106 | 3.438 | _ | _ | | 1.872 | 1.872 1H1-1b |
| 45 46 | MP1B MP3B | PIPE 2.0 | .479 .264 | 3.375 3.125 | | .106 | 3.438 | | 8 20866.733 23 37773.818 | 32130 50715 | 1.872 3.596 | 1.072 111 12 |
| 47 | MP2B | PIPE 2.0 | .263 | 3.125 | | .057 | 3.125 | | 8 20866.733 | 32130 | 1.872 | 3.596 1 H1-1b 1.872 2 H1-1b |
| 48 | MP4C | PIPE 2.0 | .223 | 3.375 | | | 3.438 | | 6 20866.733 | | 1.872 | |
| | | PIPE 2.5 | | 3.375 | | | | | 15 37773.818 | 50715 | 3.596 | |
| 49 | MP3C | | .286 | | | .081 .053 | .938 | | 11 20866.733 | 32130 | | 3.596 1 H1-1b |
| 50 | MP2C | PIPE 2.0 | .265 | 3.375 | | | 3.375 | | 12 20866.733 | | 1.872 | |
| 51 | MP1C | PIPE 2.0 | .465 | 3.375 | | .106 | 3.438 | | | 32130 | 1.872 | 1.872 1 H1-1b |
| 52 | <u>01</u> | PIPE 2.0 | .096 | 2.5 | 7 | .013 | 2.5 | | | 32130 | 1.872 | 1.872 1 H1-1b |
| 53 | O2 | PIPE 2.0 | .096 | 2.5 | | .013 | 2.5 | | 7 28843.414 | | 1.872 | 1.872 1 H1-1b |
| 54 | M104 | PIPE 2.5 | .193 | 5.859 | | | 10.417 | | 8 14558.792 | | 3.596 | 3.596 2 H1-1b |
| 55 | M105 | PIPE 2.5 | .212 | 5.99 | | | 10.547 | | 4 14558.792 | | 3.596 | 3.596 2 H1-1b |
| 56 | M106 | PIPE_2.5 | .212 | 6.38 | | | 6.51 | | 7 14558.792 | | 3.596 | 3.596 1 H1-1b |
| 57 | M125 | L3X3X4 | .291 | 2.675 | | .026 | 2.675 | | 7 39818.03 | 46656 | 1.688 | 3.756 2 H2-1 |
| 58 | M126 | L3X3X4 | .319 | 0 | 3 | | 2.675 | | | 46656 | 1.688 | 3.756 2 H2-1 |
| 59 | M127 | L3X3X4 | .309 | 0 | 10 | .027 | 2.6/5 | _y_ | 11 39818.03 | 46656 | 1.688 | 3.756 2 H2-1 |



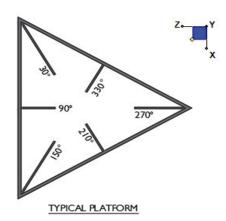
| Client: | Verizon Wireless | Date: | 8/11/2021 |
|-------------|--------------------|-------|-----------|
| Site Name: | HARTLAND SE CT | | |
| Project No. | 21777756A | | |
| Title: | Mount MOD Analysis | Page: | 1 |

Version 3.1

I. Mount-to-Tower Connection Check

RISA Model Data

| Nodes (labeled per RISA) | Orientation (per graphic of typical platform) |
|-----------------------------|--|
| N37 | 30 |
| N65 | 150 |
| N3 | 270 |
| | |
| | |
| | |
| | |
| | |
| | |



Tower Connection Bolt Checks

Any moment resistance?:

Bolt Quantity per Reaction:

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

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

Bolt Type:

Bolt Diameter (in):

Required Tensile Strength (kips):

Required Shear Strength (kips):

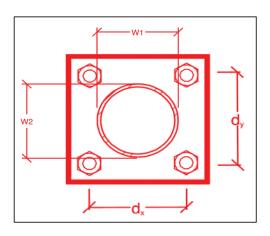
Tensile Strength / bolt (kips):

Shear Strength / bolt (kips):

Tensile Capacity Overall:

Shear Capacity Overall:

| yes |
|--------|
| 4 |
| 7 |
| 7 |
| A325N |
| 0.625 |
| 25.8 |
| 5.2 |
| 20.7 |
| 12.4 |
| 31.2%* |
| 10.5% |



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

<u>Tower Connection Plate and Weld Check</u>

Connecting Standoff Member Shape:

Plate Width (in):

Plate Height (in):

W1 (in):

W2 (in):

Fy (ksi, plate):

 t_{Plate} (in):

Weld Size (1/16 in):

Phi*Rn (kip/in):

Required Weld Strength (kip/in):

Plate Bending Capacity:

Weld Capacity:

| Rect |
|-------|
| 10 |
| 10 |
| 4 |
| 4 |
| 36 |
| 0.625 |
| 6 |
| 8.35 |
| 4.24 |
| 62.4% |

50.8%

Max Plate Bending Strengths

| Mu_{xx} (kip-in): | 18.7 |
|--------------------------------|------|
| Phi*Mn _{xx} (kip-in): | 31.6 |
| Mu _{yy} (kip-in): | 1.0 |
| Phi*Mn _{yy} (kip-in): | 31.6 |

Mount Desktop – Post Modification Inspection (PMI) Report Requirements

Documents & Photos Required from Contractor – Mount Modification

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

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

Base Requirements:

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

Photo Requirements:

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

• Photos taken at Mount Elevation

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

Material Certification:

- Materials utilized must be as per specification on the drawings or the equivalent as validated by Maser Consulting Connecticut.
 - o If the drawings are as specified on the drawings
 - The contractor should provide the packing list or the materials utilized to perform the mount modification
 - o If an equivalent is utilized

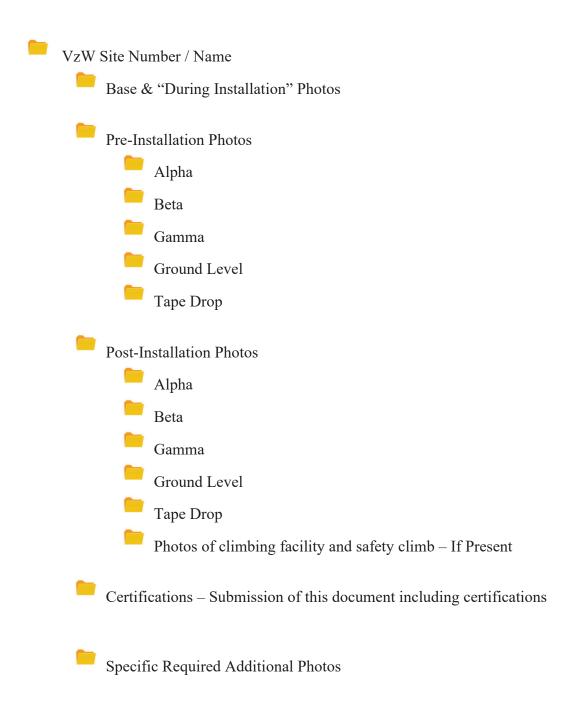
Certifying Individual: Company

- It is required that the Maser Consulting Connecticut certification of such is included in the contractor submission package. There may be an additional charge for this certification if the equivalent submission doesn't meet specifications as prescribed in the drawings.
- The contractor must certify that the materials meet these specifications by one of these methods.

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

| • | | et certify that the antenna & equipment placement and geometry is in e antenna placement diagrams as included in this mount analysis. | |
|------------------|--------------------------|--|------|
| | | ifies that the photos support and the equipment on the mount is as depicent diagrams as included in this mount analysis. | ted |
| 0 | | es that the equipment on the mount is not in accordance with the antenna s and has accordingly marked up the diagrams or provided a diagram ences. | ı |
| Certify | ying Individual: | Company | |
| | | Name | |
| | | Signature | |
| Speci: Issue: | ractor shall install one | of the new OVPs on the new equipment pipe between alpha-beta sector and the pipe between the control of the new OVPs of the new equipment pipe between the control of the new over the term of the new equipment pipe between the control of the new over the term of the new equipment pipe between the new equipment | |
| Conti | OVP on the equipme | nt pipe between beta-gamma sector. Install the OVP's 12" down from the top | of t |

Schedule A – Photo & Document File Structure



Α Sector:

Mount Elev:

Structure Type: Monopole

109.00

10094224

Page: 1

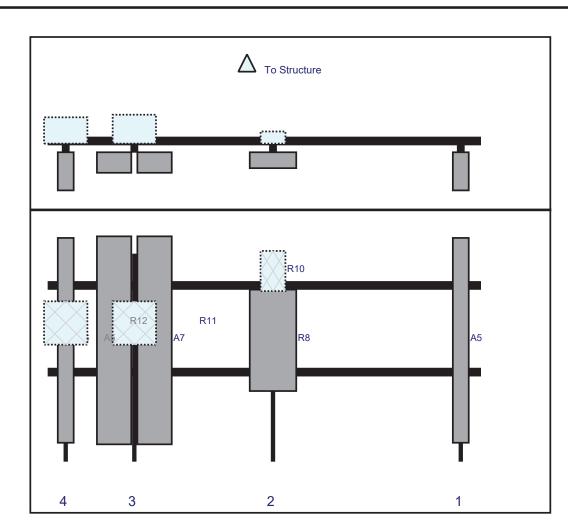


8/11/2021



Plan View

Front View Looking at Structure



| | | Height | Width | H Dist | Pipe | Pipe | Ant | C. Ant | Ant | | |
|------|-----------------------|--------|-------|--------|------|-------|--------|--------|-------|----------|------------|
| Ref# | Model | (in) | (in) | Frm L. | # | Pos V | Pos | Frm T. | H Off | Status | Validation |
| A5 | LPA-80080/6CF | 70.9 | 5.5 | 143 | 1 | а | Front | 30 | 0 | Retained | 04/13/2021 |
| R8 | MT6407-77A | 35.1 | 16.1 | 78 | 2 | а | Front | 30 | 0 | Added | |
| R10 | CBRS RRH - RT4401-48A | 13.9 | 8.6 | 78 | 2 | а | Behind | 6 | 0 | Added | |
| A6 | NHH-65B-R2B | 72 | 11.9 | 30 | 3 | а | Front | 30 | -7 | Added | |
| A7 | NHHSS-65B-R2BT0 | 72 | 11.9 | 30 | 3 | а | Front | 30 | 7 | Added | |
| R11 | RF4439d-25A | 15 | 15 | 30 | 3 | а | Behind | 24 | 0 | Added | |
| A5 | LPA-80080/6CF | 70.9 | 5.5 | 6.25 | 4 | а | Front | 30 | 0 | Retained | 04/13/2021 |
| R12 | RF4440d-13A | 15 | 15 | 6.25 | 4 | а | Behind | 24 | 0 | Added | |

В Sector:

Structure Type: Monopole

10094224

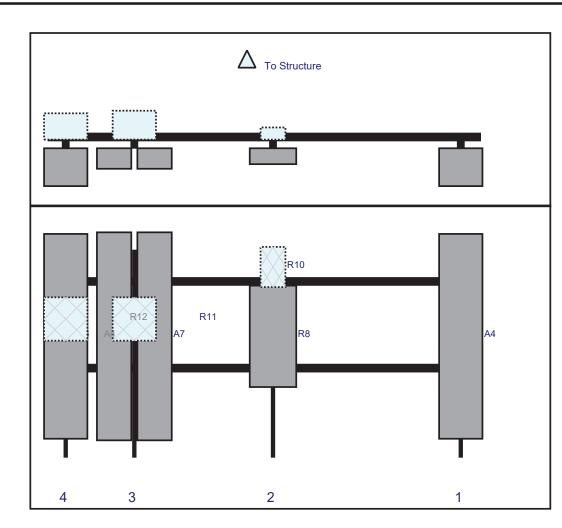
109.00 Mount Elev:

Page: 2



Plan View

Front View Looking at Structure



| | | Height | Width | H Dist | Pipe | Pipe | Ant | C. Ant | Ant | | |
|------|-----------------------|--------|-------|--------|------|-------|--------|--------|-------|----------|------------|
| Ref# | Model | (in) | (in) | Frm L. | # | Pos V | Pos | Frm T. | H Off | Status | Validation |
| A4 | LPA-80063/6CF | 70.9 | 15 | 143 | 1 | а | Front | 30 | 0 | Retained | 04/13/2021 |
| R8 | MT6407-77A | 35.1 | 16.1 | 78 | 2 | а | Front | 30 | 0 | Added | |
| R10 | CBRS RRH - RT4401-48A | 13.9 | 8.6 | 78 | 2 | а | Behind | 6 | 0 | Added | |
| A6 | NHH-65B-R2B | 72 | 11.9 | 30 | 3 | а | Front | 30 | -7 | Added | |
| A7 | NHHSS-65B-R2BT0 | 72 | 11.9 | 30 | 3 | а | Front | 30 | 7 | Added | |
| R11 | RF4439d-25A | 15 | 15 | 30 | 3 | а | Behind | 24 | 0 | Added | |
| A4 | LPA-80063/6CF | 70.9 | 15 | 6.25 | 4 | а | Front | 30 | 0 | Retained | 04/13/2021 |
| R12 | RF4440d-13A | 15 | 15 | 6.25 | 4 | а | Behind | 24 | 0 | Added | |

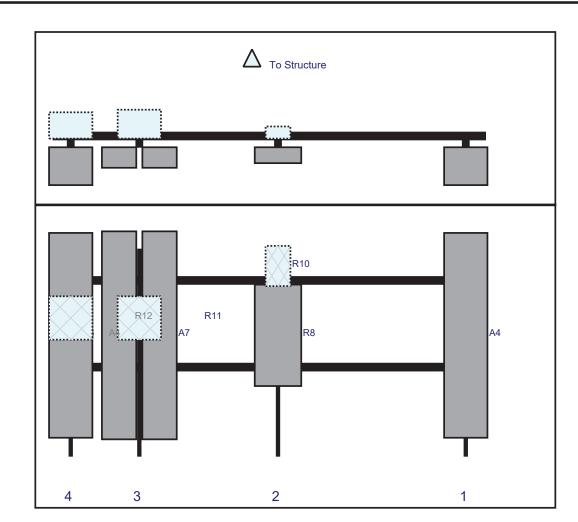
С Sector:

Structure Type: Monopole 10094224

Mount Elev: 109.00



Page: 3



Plan View

Front View Looking at Structure

| | | Height | Width | H Dist | Pipe | Pipe | Ant | C. Ant | Ant | | |
|------|-----------------------|--------|-------|--------|------|-------|--------|--------|-------|----------|------------|
| Ref# | Model | (in) | (in) | Frm L. | # | Pos V | Pos | Frm T. | H Off | Status | Validation |
| A4 | LPA-80063/6CF | 70.9 | 15 | 143 | 1 | а | Front | 30 | 0 | Retained | 04/13/2021 |
| R8 | MT6407-77A | 35.1 | 16.1 | 78 | 2 | а | Front | 30 | 0 | Added | |
| R10 | CBRS RRH - RT4401-48A | 13.9 | 8.6 | 78 | 2 | а | Behind | 6 | 0 | Added | |
| A6 | NHH-65B-R2B | 72 | 11.9 | 30 | 3 | а | Front | 30 | -7 | Added | |
| A7 | NHHSS-65B-R2BT0 | 72 | 11.9 | 30 | 3 | а | Front | 30 | 7 | Added | |
| R11 | RF4439d-25A | 15 | 15 | 30 | 3 | а | Behind | 24 | 0 | Added | |
| A4 | LPA-80063/6CF | 70.9 | 15 | 6.25 | 4 | а | Front | 30 | 0 | Retained | 04/13/2021 |
| R12 | RF4440d-13A | 15 | 15 | 6.25 | 4 | а | Behind | 24 | 0 | Added | |



Maser Consulting Connecticut

<u>Subject</u> TIA-222-H Adoption and Wind Speed Usage

<u>Site Information</u> Site ID: 535827-VZW / HARTLAND SE CT

Site Name: HARTLAND SE CT
Carrier Name: Verizon Wireless
Address: 350 Hartland Boulevard

East Hartland, Connecticut 06027

Hartford County

Latitude: 41.977081° Longitude: -72.887869°

<u>Structure Information</u>

Tower Type: 116-Ft Monopole
Mount Type: 12.50-Ft Platform

To Whom It May Concern,

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

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

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

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

Sincerely,

Derek Hartzell, PE Technical Specialist

Exhibit F

Power Density/RF Emissions Report

Site Name: HARTLAND SE CT Cumulative Power Density

| Operator | Operating Frequency | Number of Trans. | ERP Per Trans. | Total ERP | Distance to Target | Calculated Power Density | Maximum Permissible Exposure* | Fraction of MPE |
|------------------|------------------------|------------------|-------------------|-----------|-----------------------|--------------------------------|-------------------------------------|-----------------|
| | (MHz) | | (watts) | (watts) | (feet) | (mW/cm^2) | (mW/cm^2) | (%) |
| VZW 700 | 751 | 4 | 663 | 2652 | 110 | 0.0079 | 0.5007 | 1.57% |
| VZW CDMA | 869 | 2 | 399 | 798 | 110 | 0.0024 | 0.5793 | 0.41% |
| VZW Cellular | 869 | 4 | 689 | 2756 | 110 | 0.0082 | 0.5793 | 1.41% |
| VZW PCS | 1980 | 4 | 1390 | 5560 | 110 | 0.0165 | 1.0000 | 1.65% |
| VZW AWS | 2125 | 4 | 1364 | 5456 | 110 | 0.0162 | 1.0000 | 1.62% |
| VZW CBAND | 3730 | 4 | 6531 | 26124 | 110 | 0.0776 | 1.0000 | 7.76% |
| VZW CBRS | 3625 | 4 | 12 | 48 | 110 | 0.0001 | 1.0000 | 0.01% |
| | | | | | | | | |
| Total Percentage | of Maximum Permis | sible Exposu | re | l | | | | 14.45% |

*Guidelines adopted by the FCC on August 1, 1996, 47 CFR Part 1 based on NCRP Report 86, 1986 and generally on ANSI/IEEE C95.1-1992

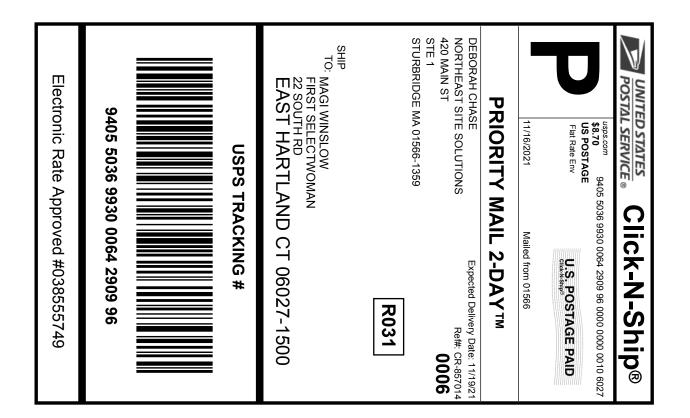
MHz = Megahertz mW/cm^2 = milliwatts per square centimeter ERP = Effective Radiated Power

Absolute worst case maximum values used.

^{**}Calculation includes a -10 dB Off Beam Antenna Pattern Adjustment pursuant to Attachments B and C of the Siting Council's November 10, 2015 Memorandum for Exempt Modification filings

Exhibit F

Recipient Mailings





Instructions

- 1. Each Click-N-Ship® label is unique. Labels are to be used as printed and used only once. DO NOT PHOTO **COPY OR ALTER LABEL.**
- 2. Place your label so it does not wrap around the edge of the package.
- 3. Adhere your label to the package. A self-adhesive label is recommended. If tape or glue is used, DO NOT TAPE OVER BARCODE. Be sure all edges are secure.
- 4. To mail your package with PC Postage®, you may schedule a Package Pickup online, hand to your letter carrier, take to a Post Office™, or drop in a USPS collection box.
- 5. Mail your package on the "Ship Date" you selected when creating this label.

Click-N-Ship® Label Record

USPS TRACKING #: 9405 5036 9930 0064 2909 96

548529702 11/16/2021 Trans. #: Print Date: Ship Date: 11/16/2021 11/19/2021 Delivery Date:

Priority Mail® Postage: Total:

\$8.70 \$8.70

Ref#: CR-857014

From: DEBORAH CHASE

NORTHEAST SITE SOLUTIONS

420 MAIN ST

STE 1

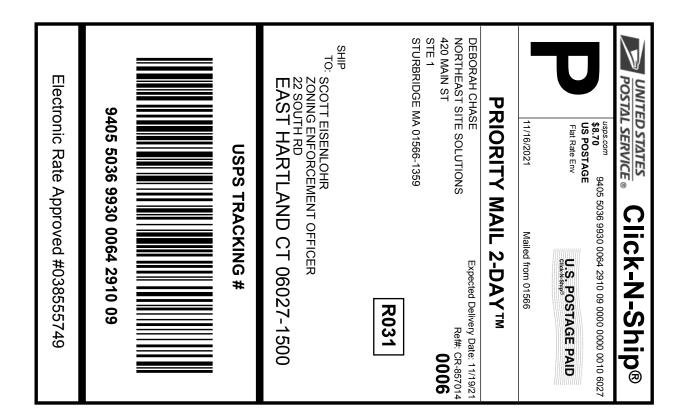
STURBRIDGE MA 01566-1359

MAGI WINSLOW

FIRST SELECTWOMAN

22 SOUTH RD

EAST HARTLAND CT 06027-1500





Instructions

- 1. Each Click-N-Ship® label is unique. Labels are to be used as printed and used only once. DO NOT PHOTO **COPY OR ALTER LABEL.**
- 2. Place your label so it does not wrap around the edge of the package.
- 3. Adhere your label to the package. A self-adhesive label is recommended. If tape or glue is used, DO NOT TAPE OVER BARCODE. Be sure all edges are secure.
- 4. To mail your package with PC Postage®, you may schedule a Package Pickup online, hand to your letter carrier, take to a Post Office™, or drop in a USPS collection box.
- 5. Mail your package on the "Ship Date" you selected when creating this label.

Click-N-Ship® Label Record

USPS TRACKING #: 9405 5036 9930 0064 2910 09

548529702 11/16/2021 Trans. #: Print Date: Ship Date: 11/16/2021 11/19/2021 Delivery Date:

Priority Mail® Postage: Total:

\$8.70 \$8.70

Ref#: CR-857014

From: DEBORAH CHASE

NORTHEAST SITE SOLUTIONS

420 MAIN ST

STE 1

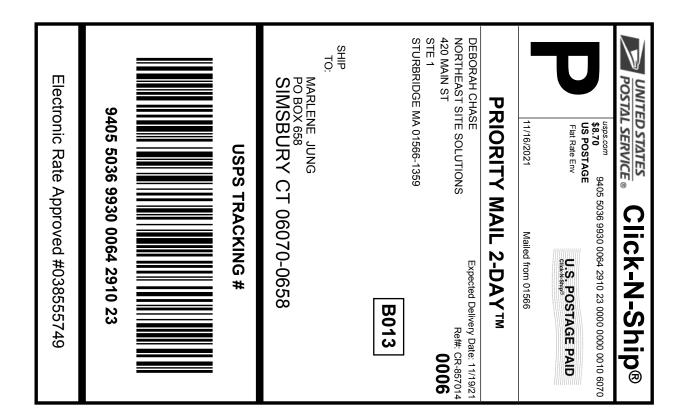
STURBRIDGE MA 01566-1359

SCOTT EISENLOHR

ZONING ENFORCEMENT OFFICER

22 SOUTH RD

EAST HARTLAND CT 06027-1500





Instructions

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Click-N-Ship® Label Record

USPS TRACKING #: 9405 5036 9930 0064 2910 23

548529702 11/16/2021 Trans. #: Print Date: Ship Date: 11/16/2021 11/19/2021 Delivery Date:

Priority Mail® Postage: \$8.70 \$8.70 Total:

Ref#: CR-857014 From: DEBORAH CHASE

NORTHEAST SITE SOLUTIONS

420 MAIN ST

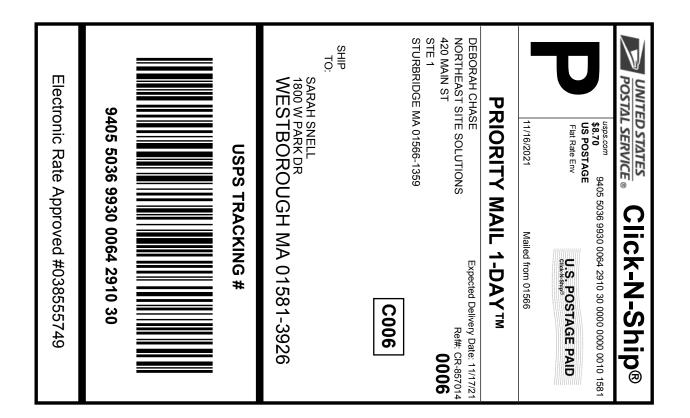
STE 1

STURBRIDGE MA 01566-1359

MARLENE JUNG

PO BOX 658

SIMSBURY CT 06070-0658





Instructions

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Click-N-Ship® Label Record

USPS TRACKING #: 9405 5036 9930 0064 2910 30

548529702 11/16/2021 Trans. #: Print Date: Ship Date: 11/16/2021 11/17/2021 Delivery Date:

Priority Mail® Postage: Total:

\$8.70 \$8.70

Ref#: CR-857014

From: DEBORAH CHASE

NORTHEAST SITE SOLUTIONS

420 MAIN ST

STE 1

STURBRIDGE MA 01566-1359

SARAH SNELL

1800 W PARK DR

WESTBOROUGH MA 01581-3926



FARMINGTON 210 MAIN ST FARMINGTON, CT 06032-9998

| 11 (17 1000) | (800)275- | กราวา | |
|---|---|---------------------------------|----------|
| | | ~ | 03:00 PM |
| Product | Qty | Unit Price | Price |
| Westborou Weight: O Acceptance Wed 11 Tracking # | gh, MA 01581 Tb 2.00 oz Date: | | \$0.00 |
| Prepaid Mail East Hartla Weight: 0 Acceptance Wed 11/ Tracking #: 9405 50 | 1 and, CT 06027 b 6.50 oz Date: 17/2021 36 9930 0064 | 7 | \$0.00 |
| Prepaid Mail Simsbury, C Weight: 0 lk Acceptance [Wed 11/1 Tracking #: 9405 503 | 1 7 06070 0 6.50 oz Date: 17/2021 6 9930 0064 : | | \$0.00 |
| Prepaid Mail East Hartland Weight: 0 lb Acceptance Da Wed 11/17 Tracking #: 9405 5036 | 1 d, CT 06027 6.50 oz ate: 7/2021 9930 0064 2 | 910 09 | \$0.00 |
| Grand Total: | | * 100 mg dag ban dal man 1988 . | |
| | **** | | \$0.00 |