Robinson+Cole

KENNETH C. BALDWIN

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

Also admitted in Massachusetts
and New York

May 27, 2021

Via Electronic Mail

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

Re: **Notice of Exempt Modification – Facility Modification**
365 Hartford Road (a/k/a 245 Hartford Road), New Britain, Connecticut

Dear Attorney Bachman:

Cellco Partnership d/b/a Verizon Wireless ("Cellco") currently maintains an existing wireless telecommunications facility at the above-referenced address (the "Property"). The facility consists of antennas and remote radio heads attached to a tower and related equipment on the ground, near the base of the tower. The tower was approved and constructed by the City of New Britain ("City") in June 2013. Cellco's shared use of the tower was approved by the Council on November 6, 2017. A copy of the City's approval and Council's approval of Sub-Petition No. 1133-VER-20171004 are included in Attachment 1.

Cellco now intends to modify its facility by removing three (3) existing antennas and installing three (3) Samsung 64T64RMMU antennas; and removing nine (9) remote radio heads ("RRHs") and installing six (6) new RRHs all on Cellco's existing antenna platform. A set of project plans showing Cellco's proposed facility modifications and new antennas and RRHs specifications are included in Attachment 2.

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

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

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

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

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

4. The installation of Cellco's new antennas and RRHs will not increase radio frequency (RF) emissions at the facility to a level at or above the Federal Communications Commission (FCC) safety standard. A General Power Density table for the modified facility is included in Attachment 3. The modified facility will be capable of providing Cellco's 5G wireless service.

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

6. According to the attached Structural Analysis ("SA") and Mount Analysis ("MA"), the existing tower, tower foundation and tower base plate can support Cellco's proposed modifications. Copies of the SA and MA are included in Attachment 4. Also included in Attachment 4 is a separate letter prepared by the consulting engineer responsible for the preparation of the MA verifying that the antenna model described in the MA, as a nL-Sub6 Antenna or VZS01 Antenna, is the Samsung 64T64R model antenna that will be installed on the tower.

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

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

Sincerely,

Kenneth C. Baldwin

Enclosures
Copy to:
Erin Stewart, New Britain Mayor
Steven P. Schiller, AICP, New Britain City Planner
Aleksey Tyurin

ATTACHMENT 1

State of Connecticut

City of New Britain

27 West Main Street, New Britain, CT 06051 Tel: (860) 826-3383

COPY

Permit No. **B-13-388**

PERMIT TO BUILD

FEE PAID: **0.00**

DATE ISSUED **6/6/2013**

Commercial: New Construction

This certifies that **NORTHEAST TOWERS INC**

has permission to erect, alter, or demolish a building **385 HARTFORD RD**

as follows: **CONSTRUCT A PUBLIC SAFETY COMMUNICATION FACILTY INCLUDING A 159 RADIO TOWER.**

provided that the person accepting this permit shall in every respect conform to the terms of the application therefore on file in this office, and to the provisions of ordinances relating to the Inspection, Alteration and Construction of Buildings in the City of New Britain.

NOTE: The recipient of this permit accepts this permit on the condition that, as owner or as agent of the owner, he/she agrees to comply with all Building & Zoning Regulations of the City of New Britain & the State Statutes of the State of Connecticut regarding the use, occupancy & type of building to be constructed, added to, demolished, or altered. The recipient also agrees that this building is to be located the proper distance from all street lines, side yard lines & required distances from all other zones & is located in a zone in which the building & its use is allowed. Additional conditions listed below:

Plan Review Comments:

Restrictions:

Scott Baughan — **6/6/2013**

Building Official — Date

To occupy Street or Sidewalk apply at City of New Britain
27 West Main Street, New Britain, CT 06051 Tel: (860) 826-3383

This Card Must Be Displayed in a Conspicuous Place on the Premises and Not Torn Down or Removed

HB 10

APPLICATION FOR ZONING / BUILDING PERMIT

Department of Licenses, Permits, and Inspections

COPY

Please print clearly and use ink

Job/Property Address: 385 Hartford Road

Owner of Land City of New Britain — Cel Phone# n/a — Phone # 860-826-3350

Address 27 West main street — City& Zip New Britain 06051

☐ Site Plan Review ☐ Signage ☐ New Construction ☐ Remodeling ☐ Accessory ☐ Demolition

The undersigned applies for permission to: CONSTRUCT A PUBLIC SAFETY COMMICATION FACILITY INCLUDING A 159' RADIO TOWER

(use other side for additional information)

Application Date 6/6/13 — Estimated Cost $ 235,000 — Flood Zone ___yes ✓ no ___n/a

OFFICE USE ONLY:

JS No. _____ **BP No.** _____ Permit Fee $ 3,555.- Building Code Year _____

Cert. of Occupancy or Approval Fee $ 238.- Zoning Review Fee $ _____ Fire Marshal's Review Fee $ _____

Threshold Review X yes ___N/A Statement of Special Inspection X Yes ___N/A **TOTAL** $ 3,793.- Cash __ Check #WAIVED.

Zoning reviewed in substantial compliance ___yes ___no ___N/A _____Reviewer Initials Building reviewed in substantial compliance ___yes ___no ___Reviewer Initials

CT ST. ED FUND 61.10 CH # 61.10

***Name** Joseph Savino — *Phone #* 860-677-1999

Applicant's,* Contractor's or * Tenant's

Business Name Northeast Towers, Inc. — *Cel Phone#* 860-953-4896

Address 199 Brickyard Rd — *City & Zip* Farmington, CT 06032

Contractors License # mco.0900747 — *Type* major contractors — Building Plans Submitted ___yes ___no

Architect's Name _____ Phone # _____

Address _____ City & Zip _____

Zone S-2 Lot Size _____ Frontage _____ Type of Construction _____ Use group _____

Dimensions of Building: _____ Bldg. Area (Sq/ ft.) _____ Height of Structure _____

No. of Stories _____ No. of Units _____ No. of Rooms _____ No. of Bedrooms _____ Required on plans, show the size of Emergency egress windows (5.7 sq. ft. openable) in the bedroom. _____ No. of Baths _____

Model Energy compliance report submitted? ___Yes ___No *Required for additions, new work.* (http://www.energycodes.gov) REScheck/Residential or COMcheck/Commercial

Roof rafters size _____ Trusses ___ yes ___ no (engineered design plan must be included) inches on center _____

Necessary Fire Protection: smoke detectors _____ sprinklers _____ stand pipe _____ Aisle widths _____

ROOFING /SIDING PERMIT Strip & Reroof ___ Reroof (2nd layer) ___ Number of Squares _____ Mfg _____

Ice/water shield ___ Type of roof sheathing _____ Vinyl Siding number of Squares _____

Over for Additional information and for your Signature

Building / Zoning Permit Application

Additional Information_____

_____

_____

_____

_____

_____

This area provided for diagram. **(show lot size, building location, addition, fence, floor plan, etc.)**

The laws and building regulations of the State of Connecticut and the City of New Britain shall at all times have precedence over drawings and specifications. Anything contrary to said law and regulations that may at any time appear on drawings and specifications, or in the work as executed, shall be corrected without delay upon the receipt of due notice from the Building Official. Based on the application, the permit shall be a license to proceed with the work and shall not be construed as authority to violate, cancel or set aside any of the provisions of the codes, except as specifically stipulated by legally granted modification by the State Building Inspector (104.10 Modifications).

Provide Waiver of Workmen's Compensation Form _____
OR
Workmen's Compensation Certificate ____

PERMIT SHALL BE IN POSSESSION OF OWNER/CONTRACTOR BEFORE WORK IS COMMENCED

Joseph A Savino
Applicant's /Owner's Name **(Print)**

Date: 6/6/2013

Joseph A Savino
Applicant / Owner *Signature

***IF Applicant is not the Owner of the Land, you shall Provide a Letter of Authorization and/or affidavit or signed contract from/with OWNER of Land.**

STATE OF CONNECTICUT
CONNECTICUT SITING COUNCIL
Ten Franklin Square, New Britain, CT 06051
Phone: (860) 827-2935 Fax: (860) 827-2950
E-Mail: siting.council@ct.gov
www.ct.gov/csc

November 6, 2017

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

RE: **PE1133-VER-20171004** – Cellco Partnership d/b/a Verizon Wireless sub-petition for a declaratory ruling for approval of an eligible facility request for modifications to an existing telecommunications facility located at 365 Hartford Road, New Britain, Connecticut.

Dear Attorney Baldwin:

The Connecticut Siting Council (Council) hereby approves your Eligible Facilities Request (EFR) to install antennas and associated equipment at the above-referenced facility pursuant to the Federal Communications Commission Wireless Infrastructure Report and Order, with the following conditions:

1. Within 45 days after completion of construction, the Council shall be notified in writing that construction has been completed;
2. Any nonfunctioning antenna and associated antenna mounting equipment on this facility owned and operated by the Petitioner shall be removed within 60 days of the date the antenna ceased to function;
3. The validity of this action shall expire one year from the date of this letter; and
4. The Petitioner may file a request for an extension of time beyond the one year deadline provided that such request is submitted to the Council not less than 60 days prior to the expiration.

This decision is under the exclusive jurisdiction of the Council and is not applicable to any other modification or construction. All work is to be implemented as specified in the EFR dated October 3, 2017. Any minor changes to the eligible facility request require advance notification and approval

Thank you for your attention and cooperation.

Very truly yours,

Melanie Bachman
Executive Director

MB/CW

c: Honorable Erin Stewart, Mayor, City of New Britain
Sergio Lupo, Director of License Permit & Inspections, City of New Britain

ATTACHMENT 2

verizon

811 72 HOURS PRIOR TO DIGGING, CONTRACTOR TO NOTIFY ALL UTILITY COMPANIES TO LOCATE ALL UNDERGROUND UTILITIES.

Know what's **below.**
Call before you dig.

NEW BRITAIN 8 CT

365 HARTFORD ROAD
NEW BRITAIN, CT 06050
HARTFORD COUNTY

CODE COMPLIANCE

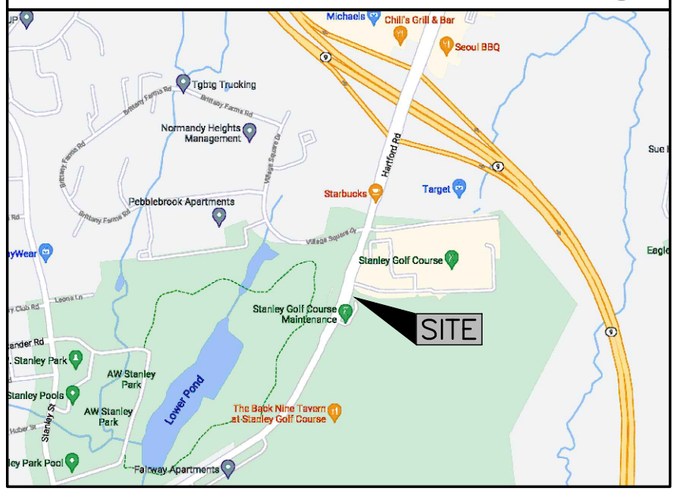
ALL WORK AND MATERIALS SHALL BE PERFORMED AND INSTALLED IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE CODES AS ADOPTED BY THE LOCAL GOVERNING AUTHORITIES. NOTHING IN THESE PLANS IS TO BE CONSTRUED TO PERMIT WORK NOT CONFORMING TO THE LOCAL CODES:

1. 2015 INTERNATIONAL CODE COUNCIL (ICC) INTERNATIONAL BUILDING CODE
2. 2017 NATIONAL FIRE PROTECTION ASSOCIATION 70 – NATIONAL ELECTRICAL CODE

PROJECT INFORMATION

SITE NAME:	NEW BRITAIN 8 CT
SITE ADDRESS:	365 HARTFORD ROAD NEW BRITAIN, CT 06050
COUNTY:	HARTFORD COUNTY
COORDINATES:	LATITUDE: 41° 42' 31.08" N (NAD 83) LONGITUDE: 72° 45' 58.02" W (NAD 83)
CENTER LINE OF ANTENNA:	60'–0"± A.G.L. 248'–0"± A.M.S.L.
GROUND ELEVATION:	188'± A.M.S.L.
OVERALL STRUCTURE HEIGHT:	160'–0"± A.G.L. 348'–6"± A.M.S.L.
PROPERTY OWNER:	CLAUDIA STONE 62 CODFISH HILL ROAD BETHEL, CONNECTICUT 06801
APPLICANT:	VERIZON WIRELESS 20 ALEXANDER DRIVE, 2ND FLOOR WALLINGFORD, CT 06492
LOCAL POWER:	EVERSOURCE ENERGY
LOCAL TELCO:	VERIZON

VICINITY MAP



SCOPE OF WORK

THIS IS AN UNMANNED TELECOMMUNICATIONS FACILITY FOR VERIZON WIRELESS CONSISTING OF THE INSTALLATION AND OPERATION OF AN ANTENNA AND ASSOCIATED EQUIPMENT.

1. INSTALL (3) PANEL ANTENNAS (1 PER SECTOR).
2. INSTALL (9) RRUS AT ANTENNAS (3 PER SECTOR).

SHEET INDEX

PROJECT TEAM

APPLICANT:	VERIZON WIRELESS 20 ALEXANDER DRIVE, 2ND FLOOR WALLINGFORD, CT 06492
ARCHITECT & ENGINEER:	EBI CONSULTING 21 B STREET BURLINGTON, MA 01803 (781) 273–2500
SITE ACQUISITION:	EBI CONSULTING 21 B STREET BURLINGTON, MA 01803 (781) 273–2500
LEGAL COUNSEL:	ELLEN FREYMAN SHATLZ SCHWARTZ AND FENTIN (413) 737–1131

PREPARED FOR:

CELLCO PARTNERSHIP
d/b/a
verizon

20 ALEXANDER DRIVE, 2ND FLOOR
WALLINGFORD, CT 06492

PREPARED BY:

EBI Consulting
environmental | engineering | due diligence
21 B Street | Burlington, MA 01803
Tel: (781) 273-2500 | Fax: (781) 273-3311
www.ebiconsulting.com

STATE OF CONNECTICUT
JACOB GORALSKI
PEN0030755
LICENSED
PROFESSIONAL ENGINEER

05/17/21

ENGINEER STAMP/SIGNATURE

SUBMITTALS

NO.	DATE	DESCRIPTION	BY
A	05/04/21	PRELIMINARY FOR REVIEW	JAJ
0	05/12/21	FINAL CD	JAJ
1	05/17/21	FINAL CD	JAJ

EBI JOB NO: 8121000044

SITE INFO:

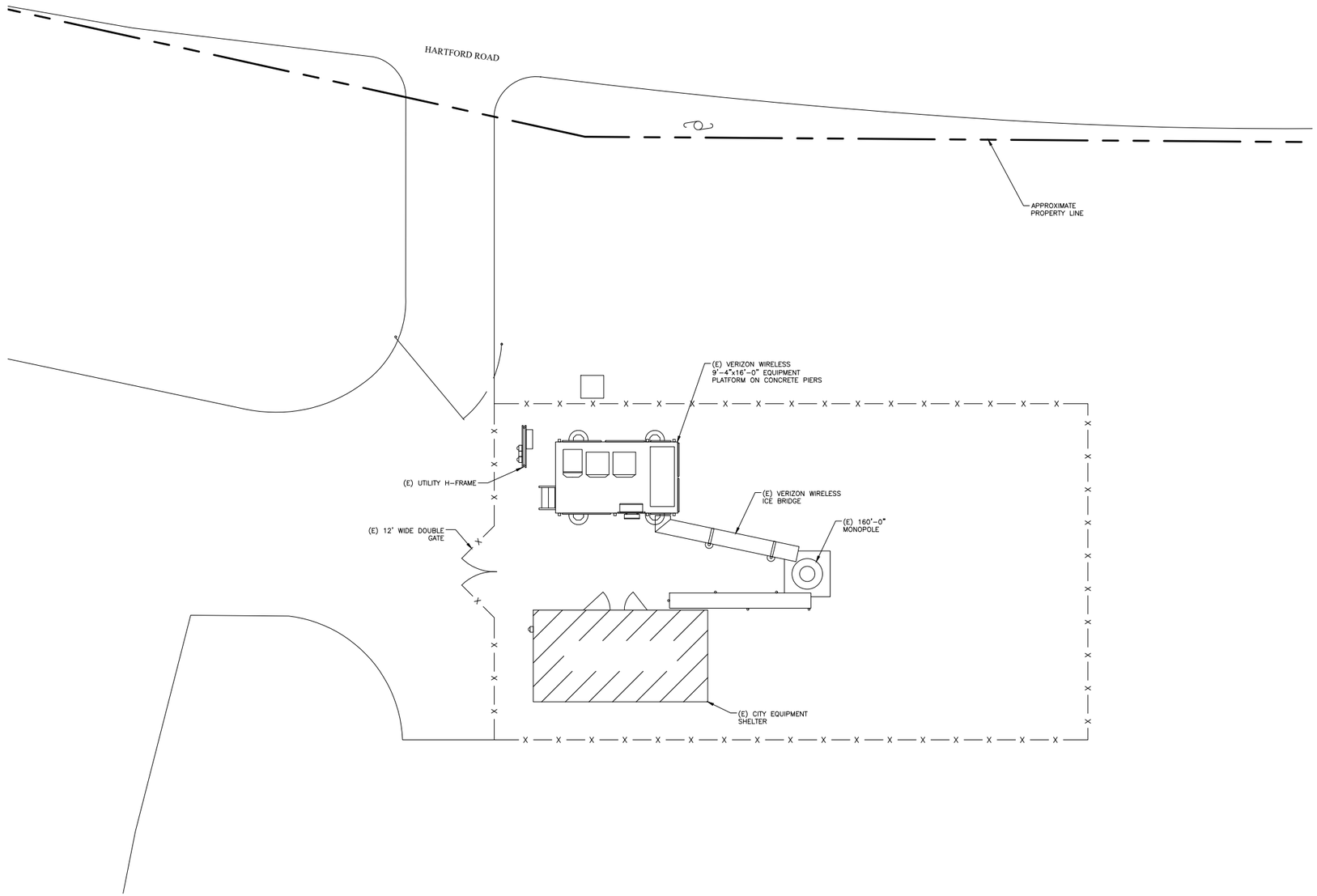
New Britain 8 CT
365 HARTFORD ROAD
NEW BRITAIN, CT 06050

SHEET TITLE:

TITLE SHEET

DRAWN BY: ----
CHECKED BY: ----
DATE: ----

SHEET NO: T-1



APPROX. NORTH

50 0 25 50 100 200

11x17 SCALE: 1" = 100"
22x34 SCALE: 1" = 50"

1	ROOFTOP PLAN

PREPARED FOR:

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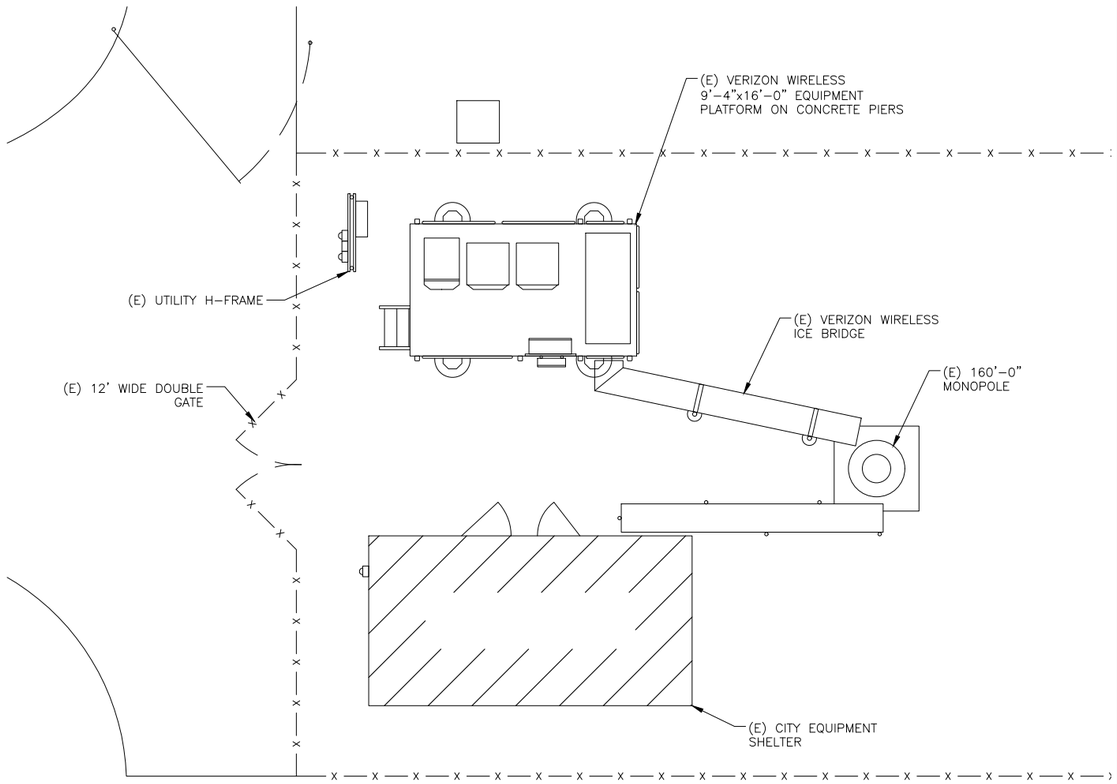
365 HARTFORD ROAD
NEW BRITAIN, CT 06050

SHEET TITLE:

ROOFTOP PLAN

DRAWN BY: ----
CHECKED BY: ----
DATE: ----

SHEET NO:
A-1

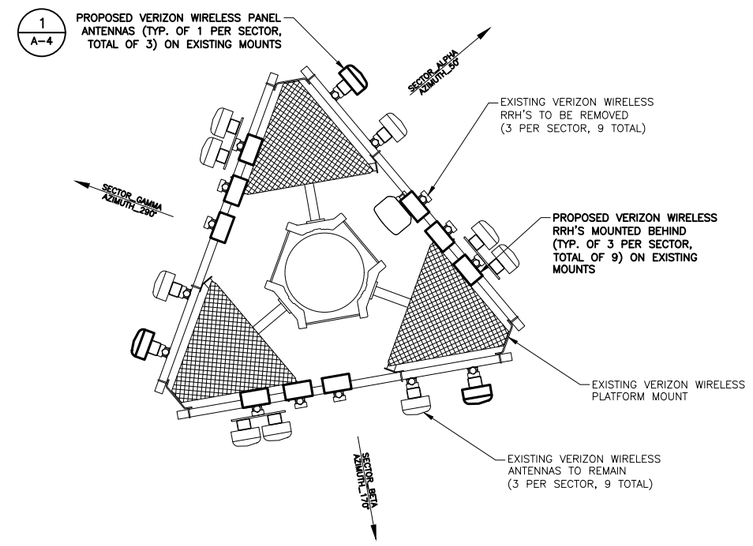


APPROX. NORTH

1 | EQUIPMENT PLAN

0 5'-4" 10'-8" 21'-4"

11x17 SCALE: 3/64" = 1'-0"
22x34 SCALE: 3/32" = 1'-0"



APPROX. NORTH

2 | ANTENNA PLAN

0 2'-8" 5'-4" 10'-8"

11x17 SCALE: 3/32" = 1'-0"
22x34 SCALE: 3/16" = 1'-0"

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d/b/a

verizon

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EBI JOB NO:
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SITE INFO:

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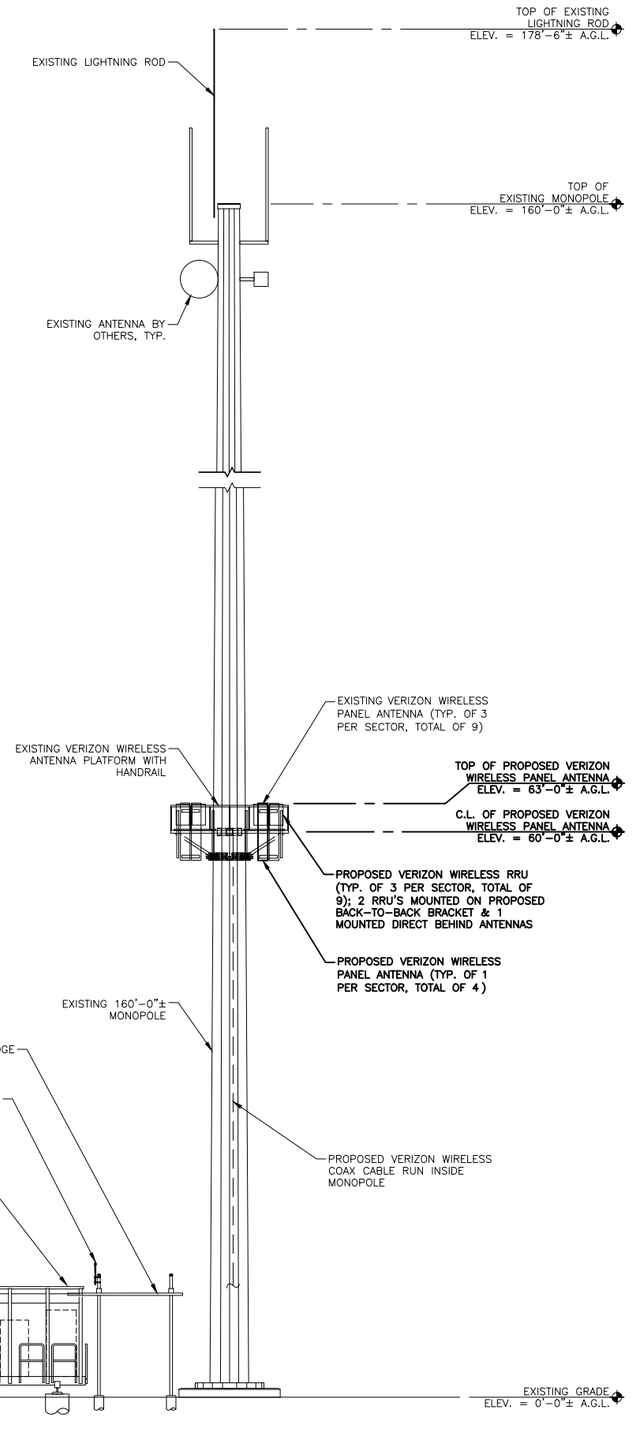
365 HARTFORD ROAD
NEW BRITAIN, CT 06050

SHEET TITLE:

EQUIPMENT AND
ANTENNA PLANS

DRAWN BY: ----
CHECKED BY: ----
DATE: ----

SHEET NO:
A-2



NOTE:

FENCING AROUND PROPOSED EQUIPMENT AREA NOT SHOWN FOR CLARITY.

1	ELEVATION

0 8 16 32

11x17 SCALE: 1/32" = 1'-0"
22x34 SCALE: 1/16" = 1'-0"

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SITE INFO:

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365 HARTFORD ROAD
NEW BRITAIN, CT 06050

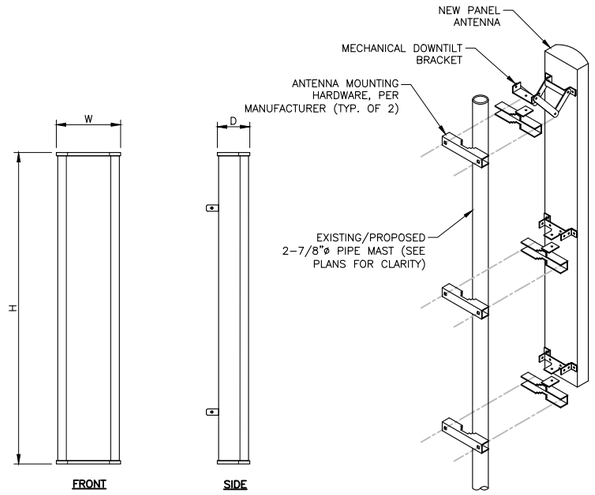
SHEET TITLE:

ELEVATION

DRAWN BY: ----
CHECKED BY: ----
DATE: ----

SHEET NO:

A-3



MANUFACTURER	MODEL NUMBER	DIMENSIONS (H x W x D)	WEIGHT
SAMSUNG	MT6407-77A	72.0" x 11.9" x 7.1"	43.7 LBS.

3	NOT USED	N.T.S.

PREPARED FOR:

CELLCO PARTNERSHIP
d/b/a

verizon

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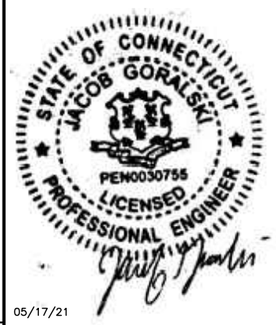

05/17/21

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1	05/17/21	FINAL CD	JAJ

EBI JOB NO:

8121000044

SITE INFO:

New Britain 8 CT
365 HARTFORD ROAD
NEW BRITAIN, CT 06050

SHEET TITLE:

DETAILS

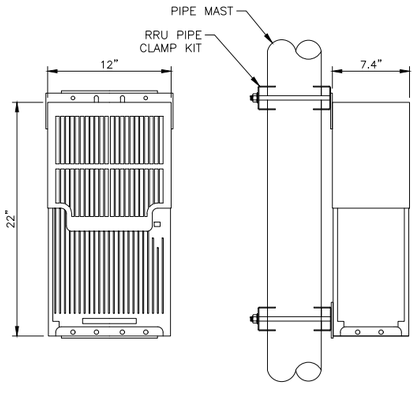
DRAWN BY: ----
CHECKED BY: ----
DATE: ----

SHEET NO:

A-4

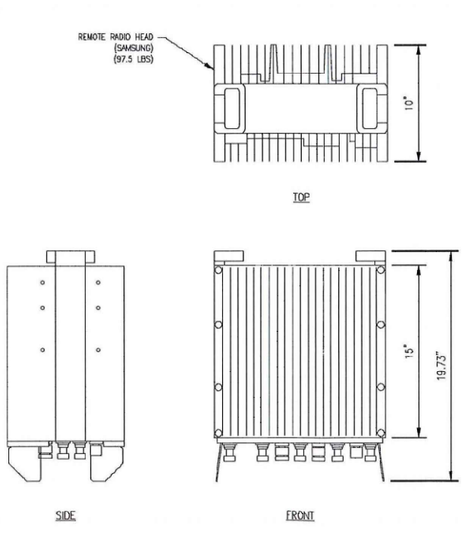
1	PANEL ANTENNA DETAILS	N.T.S.

SAMSUNG
VZS01
DIMENSIONS: 22.0"Hx12.0"Wx7.4"D
WEIGHT: 83.78 LBS.



5	RRH DETAILS & SPECIFICATIONS	11x17 SCALE: N.T.S.

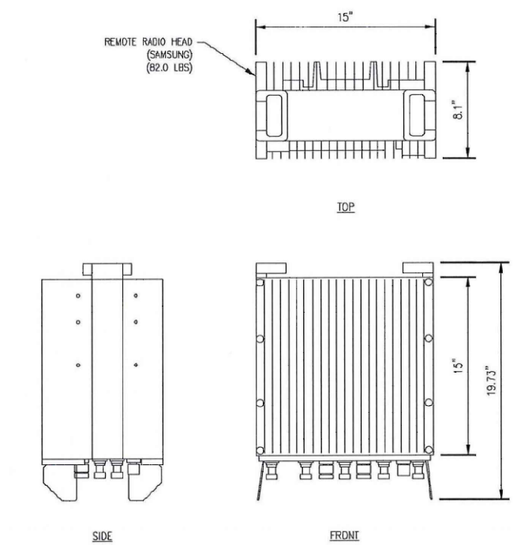
2	NOT USED	N.T.S.



RRH: SAMSUNG 1900/2100 RRH B2/B66A RRH-BR049 (RFV01U-D1A)
WEIGHT: 98 LBS

6	RRH DETAILS & SPECIFICATIONS	11x17 SCALE: N.T.S.

4	NOT USED	11x17 SCALE: N.T.S.



RRH: SAMSUNG 700/850 RRH B5/B13 RRH-BR04C (RFV01U-D2A)
WEIGHT: 82 LBS

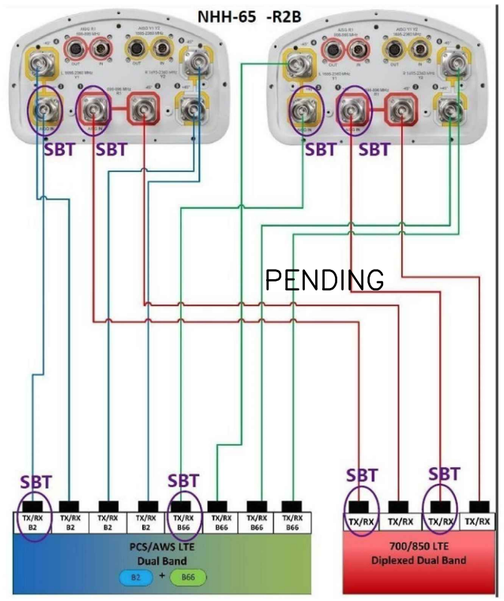
6	RRH DETAILS & SPECIFICATIONS	11x17 SCALE: N.T.S.

BILL OF MATERIALS (B.O.M.)			
DESCRIPTION	QTY	LENGTH	COMMENTS
PANEL ANTENNAS	3		MT6407-77A PIPE MOUNTED
1x1 JUMPERS	6	6 FT.	REFER TO RF PLUMBING DIAGRAM
RET CABLE ELEVATION	2	3M - 9.8 FT.	REFER TO RF PLUMBING DIAGRAM
RRH	3		SAMSUNG VZS01 - PIPE MOUNTED
RRH	3		SAMSUNG B2/B66A RRH-BR049 (RFV01U-D1A) - PIPE MOUNTED
RRH	3		SAMSUNG B5/B13 RRH-BR04C (RFV01U-D2A - PIPE MOUNTED

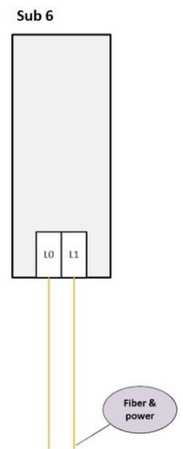
1 **B.O.M.**

SCHEDULE OF PROPOSED EQUIPMENT						
DESCRIPTION	QTY	HEIGHT	WIDTH	DEPTH	WEIGHT	COMMENTS
ANTENNA	3	72.0"	13.8"	8.2"	63.3 LBS	MT6407-77A
RRH	3	21.6"	12.0"	9.0"	57.2 LBS	SAMSUNG VZS01
RRH	3	19.73"	15.0"	10.0"	57.2 LBS	SAMSUNG B2/B66A RRH-BR049 (RFV01U-D1A)
RRH	3	19.73"	15.0"	8.1"	57.2 LBS	SAMSUNG B5/B13 RRH-BR04C (RFV01U-D2A)

2 **SCHEDULE OF PROPOSED EQUIPMENT**



3 **ANTENNA PLUMBING DIAGRAM** 11x17 SCALE: N.T.S.



4 **NOT USED** 11x17 SCALE: N.T.S.

5 **NOT USED** 11x17 SCALE: N.T.S.

PREPARED FOR:

CELLCO PARTNERSHIP
d/b/a

verizon

20 ALEXANDER DRIVE, 2ND FLOOR
WALLINGFORD, CT 06492

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environmental | engineering | due diligence
21 B Street | Burlington, MA 01803
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STATE OF CONNECTICUT
JACOB GORALSKI
PEN0030755
LICENSED
PROFESSIONAL ENGINEER

05/17/21

ENGINEER STAMP/SIGNATURE

SUBMITTALS

NO.	DATE	DESCRIPTION	BY
A	05/04/21	PRELIMINARY FOR REVIEW	JAJ
0	05/12/21	FINAL CD	JAJ
1	05/17/21	FINAL CD	JAJ

EBI JOB NO:
8121000044

SITE INFO:

New Britain 8 CT
365 HARTFORD ROAD
NEW BRITAIN, CT 06050

SHEET TITLE:
B.O.M, PROPOSED EQUIP. SCHEDULE, PLUMBING DIAGRAM & DETAILS

DRAWN BY: ----
CHECKED BY: ----
DATE: ----

SHEET NO:
A-5

PART 1 – GENERAL

1.1 VERIFICATION
CONTRACTOR SHALL PERFORM ALL VERIFICATION, OBSERVATION, TESTS, AND EXAMINATION WORK PRIOR TO THE ORDERING OF THE ELECTRICAL EQUIPMENT AND THE ACTUAL CONSTRUCTION. CONTRACTOR SHALL ISSUE A WRITTEN NOTICE OF ALL FINDINGS TO THE ENGINEER LISTING ALL MALFUNCTIONS, FAULTY EQUIPMENT AND DISCREPANCIES.

1.2 COMPLETE SYSTEMS
A. GENERAL: FURNISH AND INSTALL ALL MATERIALS AS REQUIRED FOR COMPLETE SYSTEMS, INCLUDING ALL PARTS OBVIOUSLY OR REASONABLY INCIDENTAL TO A COMPLETE INSTALLATION, WHETHER SPECIFICALLY INDICATED OR NOT. ALL SYSTEMS SHALL BE COMPLETELY ASSEMBLED, TESTED, ADJUSTED AND DEMONSTRATED TO BE READY FOR OPERATION PRIOR TO OWNER'S ACCEPTANCE.

B. DRAWINGS, PLANS AND DETAILS ARE DIAGRAMMATIC AND DO NOT SHOW ALL INTERFERENCES AND CONDITIONS VISIBLE AND/OR HIDDEN THAT MAY EXIST. THE CONTRACTOR MUST VISIT THE JOB SITE TO BECOME FAMILIAR WITH CONDITIONS AND ASSUME RESPONSIBILITY FOR CONDITIONS THEREOF, BEFORE BIDDING AND DURING THE CONDUCT OF THE WORK.

1.3 CODES AND REGULATIONS
A. GENERAL: COMPLY WITH THE NATIONAL ELECTRIC CODE (NEC 2017) AND ALL GOVERNING FEDERAL,STATE, AND LOCAL LAWS, ORDINANCES, CODES, RULES, AND REGULATIONS. WHERE THE CONTRACT DOCUMENTS EXCEED THESE REQUIREMENTS, THE CONTRACT DOCUMENTS SHALL GOVERN. IN NO CASE SHALL WORK BE INSTALLED CONTRARY TO OR BELOW MINIMUM LEGAL STANDARDS.

B. UTILITIES: COMPLY WITH ALL APPLICABLE RULES, RESTRICTIONS, AND REQUIREMENTS OF THE UTILITY COMPANIES SERVING THE PROJECT SITE/FACILITIES.

C. NON–COMPLIANCE: SHOULD ANY WORK BE PERFORMED WHICH IS FOUND NOT TO COMPLY WITH ANY OF THE ABOVE CODES AND REGULATIONS, PROVIDE ALL WORK AND PAY ALL COSTS NECESSARY TO CORRECT THE DEFICIENCIES.

D. THE CONTRACTOR SHALL OBTAIN ALL REQUIRED PERMITS AND ARRANGE FOR ALL REQUIRED INSPECTIONS IN ACCORDANCE WITH STATE AND LOCAL GOVERNING AUTHORITIES..

1.4 QUALITY ASSURANCE
A. WARRANTIES:
GENERAL: CONTRACTOR SHALL PROVIDE WARRANTIES FOR ALL WORK AS STATED IN THE CONTRACT.

B. SUPPLY TWO (2) COPIES OF THE WARRANTIES COUNTERSIGNED AND GUARANTEED BY THE CONTRACTOR STATING THAT IMPERFECT SYSTEM OPERATION AND ALL DEFECTS IN LABOR AND MATERIALS OF WORK WILL BE REPAIRED WITHOUT COST TO THE OWNER FOR A PERIOD OF ONE YEAR FROM THE DATE OF SUBSTANTIAL COMPLETION, AND STATING THAT ALL EQUIPMENT HAS BEEN FULLY SERVICED AND LEFT IN PROPER OPERATING CONDITION. ALSO GUARANTEE THAT ANY ADDITIONAL SERVICING REQUIRED WILL BE PROVIDED WITHOUT COST DURING THE GUARANTEE PERIOD.

1.5 INSPECTIONS
A. GENERAL:
DURING AND UPON COMPLETION OF THE WORK, ARRANGE AND PAY ALL ASSOCIATED COSTS FOR INSPECTIONS OF ALL ELECTRICAL WORK INSTALLED UNDER THIS CONTRACT, IN ACCORDANCE WITH THE CONDITIONS OF THE CONTRACT.

B. INSPECTIONS REQUIRED:
AS PER THE LAWS AND REGULATIONS OF THE LOCAL AND/ OR STATE AGENCIES HAVING JURISDICTION AT THE PROJECT SITE.

C. INSPECTION AGENCY:
APPROVED BY THE LOCAL AND/ OR STATE AGENCIES HAVING JURISDICTION AT THE PROJECT SITE.

D. CERTIFICATES:
SUBMIT ALL REQUIRED INSPECTION CERTIFICATES

1.6 DEFINITIONS
A. THE TERM "INDICATED" SHALL MEAN "AS SHOWN ON THE CONTRACT DOCUMENTS, SPECIFICATIONS, DRAWINGS AND RELATED ATTACHMENT(S)".

B. THE TERM "PROVIDE" SHALL MEAN "TO FURNISH, INSTALL AND CONNECT COMPLETELY, AND MAKE OPERABLE".

C. THE TERM "REMOVE" SHALL MEAN "TO DISCONNECT REMOVE AND LEGALLY DISPOSE OF BACK TO THE LAST ACTIVE DEVICE, IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS".

D. THE DEFINITION OF ELECTRICAL TERMS USED SHALL BE AS DEFINED IN THE 2017 EDITION OF THE NATIONAL ELECTRIC CODE (NEC).

E. THE TERM "SIZE" SHALL MEAN ONE OR MORE OF THE FOLLOWING: "LENGTH, CURRENT AND VOLTAGE RATING, NUMBER OF POLES, NEMA SIZE AND OTHER SIMILAR ELECTRICAL CHARACTERISTICS".

1.7 COORDINATION
A. WRITTEN REQUESTS FOR APPROVAL FOR PLANNED SHUTDOWNS OR INTERRUPTIONS OF OWNER'S EXISTING SYSTEMS AND EQUIPMENT SHALL BE MADE 72 HOURS PRIOR TO START OF REQUESTED SHUTDOWN PERIODS.

B. THE CONTRACTOR SHALL VERIFY ALL MANUFACTURERS CATALOG NUMBERS WITH THE MANUFACTURER FOR CURRENT CONFIGURATIONS AND FUNCTIONS.

C. BEFORE SELECTING MATERIAL AND EQUIPMENT TO BE INSTALLED CHECK NEEDED SPACE FOR PLACEMENT, CLEARANCES AND INTERCONNECTIONS, TO INSURE SUITABILITY.

PART 2 – PRODUCTS
2.1 GENERAL
A. ALL MATERIALS AND EQUIPMENT SHALL BE NEW AND IN PERFECT CONDITION WHEN INSTALLED AND SHALL BE OF THE BEST GRADE AND OF THE SAME MANUFACTURER THROUGHOUT FOR EACH CLASS OR GROUP OF EQUIPMENT. MATERIALS SHALL BE LISTED AND APPROVED BY UNDERWRITER'S LABORATORIES (U.L.) AND SHALL BEAR THE INSPECTION LABEL "J" WHERE SUBJECT TO SUCH APPROVAL. MATERIALS SHALL MEET WITH APPROVAL OF ALL GOVERNING BODIES HAVING JURISDICTION AND SHALL BE MANUFACTURED IN ACCORDANCE WITH APPLICABLE STANDARDS ESTABLISHED BY ANSI, NEMA AND NBFU.

B. COMMON ITEMS: WHERE MORE THAN ONE OF ANY SPECIFIC ITEM IS REQUIRED, ALL SHALL BE OF THE SAME TYPE AND MANUFACTURER.

C. UL LISTING: ALL ELECTRICAL MATERIALS AND EQUIPMENT SHALL BE UNDERWRITERS' LABORATORIES (UL) LISTED AND LABELED, WHERE UL STANDARDS AND LISTINGS EXIST FOR SUCH MATERIALS OR EQUIPMENT.

2.2 SOIL MATERIALS
A. BACKFILL AND FILL MATERIALS: MATERIALS COMPLYING WITH ASTM D2487 SOIL CLASSIFICATION GROUPS GW, GP, GM, SM, SW, AND SP, FREE OF CLAY, ROCK, OR GRAVEL LARGER THAN 2 INCHES IN ANY DIMENSION, DEBRIS, WASTE, FROZEN MATERIALS, VEGETABLE, AND OTHER DELETERIOUS MATTER.

2.3 RACEWAY SYSTEMS
A. RACEWAY SIZING: AS REQUIRED BY THE NEC (MINIMUM) WITH OVERSIZED RACEWAYS AS INDICATED AND WHERE REQUIRED FOR EASE OF PULLING CABLE. MINIMUM CONDUIT SIZE: 1/2–INCH, UNLESS INDICATED OTHERWISE.

B. RACEWAY TYPES: RIGID GALVANIZED STEEL CONDUIT, ELECTRICAL METALLIC TUBING (EMT), FLEXIBLE STEEL CONDUIT, LIQUID–TIGHT FLEXIBLE STEEL CONDUIT AND SCHEDULE 40 HEAVYWALL AND SCHEDULE 80 EXTRA–HEAVYWALL RIGID NON–METALLIC (PVC) CONDUIT, CONFORMING TO APPLICABLE ANSI, NEMA AND UL STANDARDS.

C. FITTINGS: ALL RACEWAY FITTINGS (EXCEPT FOR RIGID NON–METALLIC CONDUIT) TO BE STEEL OR MALLEABLE IRON, AND UL–LISTED FOR THE INTENDED APPLICATION. EMT FITTINGS TO BE COMPRESSION TYPE.

D. PULL AND JUNCTION BOXES, AND WIREWAYS: USE AS INDICATED AND REQUIRED. FOR EXTERIOR AND DAMP OR WET INDOOR LOCATIONS, USE BOXES AND WIREWAYS APPROVED FOR SUCH USE.

E. CONDUIT SEALS: FOR CAST–IN–PLACE CONCRETE APPLICATIONS:
ACCEPTABLE MANUFACTURERS: O–Z/GEDNEY TYPE "FSK;" THUNDERLINE CORP. "LINK SEAL" WITH "LINK SEAL WALL SLEEVE." FOR CORE DRILLED AND PRE–CAST OPENING APPLICATIONS: ACCEPTABLE MANUFACTURERS: O–Z/GEDNEY TYPE "CSML;" THUNDERLINE CORP. "LINK SEAL."

SWEEPS: ALL SWEEPS FOR COMMUNICATION EQUIPMENT OR INTO CONCRETE PAD SHALL BE 24" RADIUS.

2.4 CLASS WIRE CONDUCTORS – 600 VOLT AND BELOW
A. GENERAL: SINGLE–CONDUCTOR, 98% CONDUCTIVITY, ANNEALED, UNCOATED COPPER CONDUCTORS WITH 600–VOLT RATED TYPE "THHN/THWN" INSULATION. ALUMINUM CONDUCTORS ARE NOT ALLOWED.

B. CONNECTORS: NYLON SHELL INSULATED METALLIC SCREW–ON CONNECTORS FOR #14– 10 AWG, AND BOLTED PRESSURE OR COMPRESSION TYPE LUGS AND CONNECTORS WITH INSULATING COVERS FOR #8 AWG AND LARGER.

2.5 HANGERS AND SUPPORTS

A. GENERAL: ALL HANGERS, SUPPORTS, FASTENERS AND HARDWARE SHALL BE ZINC–COATED OR OF EQUIVALENT CORROSION RESISTANCE BY TREATMENT OR INHERENT PROPERTY, AND SHALL BE MANUFACTURED PRODUCTS DESIGNED FOR THE APPLICATION. PRODUCTS FOR OUTDOOR USE SHALL BE HOT DIP GALVANIZED.

B. TYPES: HANGERS, STRAPS, RISER SUPPORTS, CLAMPS, U–CHANNEL, THREADED RODS, ETC. AS INDICATED OR REQUIRED.

2.6 ELECTRICAL IDENTIFICATION
A. NAMEPLATES: THREE–LAYER LAMINATED PLASTIC WITH MINIMUM 3/16" HIGH WHITE ENGRAVED CHARACTERS ON BLACK BACKGROUND, AND PUNCHED FOR
MECHANICAL FASTENING. FASTENERS: SELF–TAPPING STAINLESS–STEEL SCREWS OR NUMBER 10–32 STAINLESS STEEL MACHINE SCREWS WITH NUTS AND FLAT
AND LOCK WASHERS.

B. UNDERGROUND WARNING TAPE: SIX–INCH WIDE POLYETHYLENE TAPE, PERMANENTLY BRIGHT COLORED WITH CONTINUOUS–PRINTED LEGEND INDICATING GENERAL
TYPE OF UNDERGROUND LINE BELOW AND "CAUTION." COLORS AS FOLLOWS:

1. RED – ELECTRIC
2. ORANGE – COMMUNICATIONS

C. MARKING PENS: PERMANENT, WATERPROOF, QUICK DRYING BLACK INK. ACCEPTABLE MANUFACTURERS: SANFORD FINE POINT "SHARPIE," OR APPROVED EQUAL.

D. WIRE TAGS: VINYL OR VINYL–CLOTH SELF–ADHESIVE WRAPAROUND TYPE INDICATING APPROPRIATE CIRCUIT NUMBER, ETC.

2.7 SAFETY SWITCHES

A. GENERAL: HEAVY DUTY, HORSEPOWER RATED, FULLY ENCLOSED, FUSIBLE (WITH REJECTION FUSECLIPS) OR NON–FUSED AS INDICATED, QUICK–MAKE, QUICK
BREAK SWITCHING MECHANISM INTERLOCKED WITH COVER, AND NEMA–3R ENCLOSURE FOR OUTDOOR LOCATIONS, UNLESS INDICATED OTHERWISE. SWITCHES TO
BE LABELED AS "SUITABLE FOR USE AS SERVICE ENTRANCE EQUIPMENT," WHERE REQUIRED.

B. RATINGS: VOLTAGE, PHASES, AMPERAGES AND FUSING AS INDICATED.

C. IN THE FUSED CONFIGURATION, SWITCHES SHALL HAVE AN INTERRUPTING CAPACITY OF AT LEAST 100,000 AMPS SYMMETRICAL AT SIX HUNDRED (600) VOLTS
WHEN USED WITH CLASS RK–5 TIME DELAY CURRENT LIMITING FUSES, AND 200,000 AMPERES SYMMETRICAL AT 600 VOLTS WHEN USED WITH CLASS RK–1
CURRENT LIMITING FUSES.

D. GUARDS: LINE SHIELD GUARDS TO PREVENT CONTACT WITH LIVE PARTS.

E. CONTACTS: SILVER ALLOY, SWITCH BLADES SHALL BE DE–ENERGIZEDIN THE OPEN POSITION.

F. LUGS: SOLDERLESS TYPE.

G. REJECTION FUSE CLIPS: PROVIDE FOR FUSIBLE SWITCHES (30–600A) TO PREVENT THE INSTALLATION OF CLASS H AND CLASS K NON–CURRENT–LIMITING
FUSES.

H. ACCEPTABLE MANUFACTURER: GENERAL ELECTRIC, SQUARE D, SIEMANS.

2.8 GROUNDING
A. GENERAL: GROUNDING SHALL COMPLY WITH ARTICLE 250 OF THE NATIONAL ELECTRICAL CODE (2014).

B. SYSTEM DESCRIPTION: GROUNDING NETWORK SYSTEM SHALL ESTABLISH A EARTH RESISTANCE TO THE REFERENCE GROUND POINT NOT TO EXCEED 5 OHMS,
CONSISTING OF BONDING OF STRUCTURE AND OTHER METAL OBJECTS: GROUNDING ELECTRODES; AND INTERCONNECTING CONDUCTORS.

C. MATERIAL: INDICATED AS FOLLOWING.

1. GROUND RODS: 5/8" DIA. X 10'–0" LONG COPPER CLAD GROUND ROD TREATED WITH EXCITE.

2. PROTECTIVE BOX: 8" DIA. X 42" LONG SCHEDULE 40 PVC PIPE WITH THREADED CAP.

3. CONDUCTORS: INSTALL #2 AWG GREEN–INSULATED STRANDED WIRE FOR ABOVE GRADE GROUNDING AND #2 BARE SOLID TIN–COATED WIRE FOR BELOW
GRADE GROUNDING UNLESS OTHERWISE NOTED.

4. GROUND WIRE CLAMPS: HEAVY DUTY CLAMPS AS MANUFACTURED BY BURNDY.

5. WELDS: GROUNDING CONNECTIONS SHALL BE EXOTHERMIC TYPE ("CADWELDS") TO FENCE POSTS, ANTENNA MASTS, AND GROUND RING. REMAINING
GROUNDING CONNECTIONS SHALL BE COMPRESSION FITTINGS. CONNECTIONS TO GROUND BARS SHALL BE MADE WITH TWO HOLE LUGS. WELDS SHALL BE
PROTECTED FROM CORROSION WITH ZRC COLD GALVANIZING COMPOUND AS MANUFACTURED BY ZRC CHEMICAL PRODUCTS CO.

6. CHEMICAL GROUND RODS: LENGTH AND TYPE AS INDICATED.

7. ROUTING: ROUTE GROUNDING CONDUCTORS ALONG THE SHORTEST AND STRAIGHTEST PATH POSSIBLE. BEND GROUNDING LEADS WITH A MINIMUM 12"
RADIUS.

D. TESTING:

1. TEST AND VERIFY THAT THE RESISTANCE DOES NOT EXCEED 5 OHMS TO GROUND USING AN EARTH/ GROUND RESISTANCE TESTER. GROUNDING AND
OTHER OPERATIONAL TESTING SHALL BE WITNESSED BY OWNER'S REPRESENTATIVE.

2. SYSTEM TESTING SHALL BE PERFORMED PRIOR TO CONNECTING ELECTRICAL SYSTEM GROUND TO GROUND RING.

2.11 FUSES
A. UL CLASS RK–1, 250 VOLT OR 600 VOLT AS REQUIRED FOR SYSTEM VOLTAGE, DUAL ELEMENT, TIME DELAY, CURRENT LIMITING, 200,000 AIC, AMPERE
RATINGS AS INDICATED.

B. ACCEPTABLE MANUFACTURERS: BUSSMANN "FUSETRON"; OR APPROVED EQUAL BY GOULD SHAWMUT.

PREPARED FOR:

CELLCO PARTNERSHIP
d/b/a

verizon

20 ALEXANDER DRIVE, 2ND FLOOR
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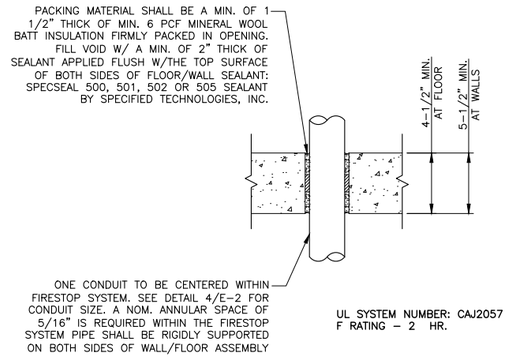
NEW BRITAIN, CT 06050

SHEET TITLE:
ELECTRICAL NOTES

DRAWN BY: ----
CHECKED BY: ----
DATE: ----

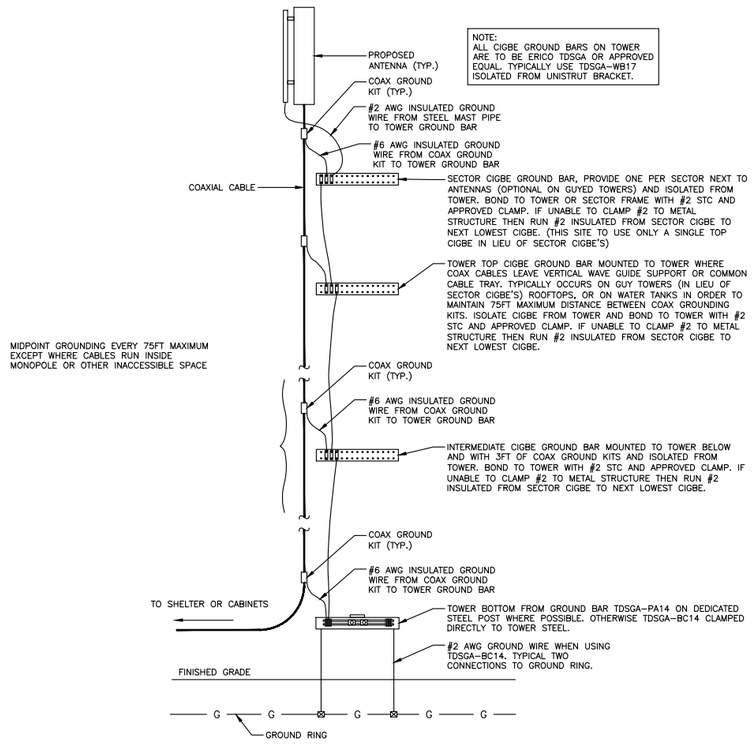
SHEET NO:
E-1

1 | SPACE NOT USED | SCALE: N.T.S.



PVC CONDUIT PENETRATION DETAIL
IN CONCRETE OR MASONRY

2 | CONDUIT PENETRATION DETAIL | SCALE: N.T.S.



3 | GENERAL WIRING DIAGRAM

PREPARED FOR:

CELLCO PARTNERSHIP
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verizon

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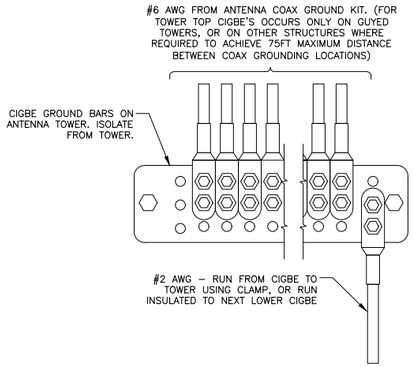
E-2



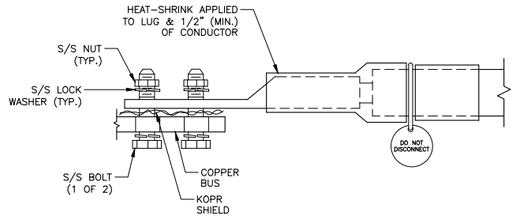
NOTES:

1. ALL CIGBE GROUND BARS ON TOWER ARE TO BE ERICO TDSGA. TYPICALLY USE TDSGA-WB17 ISOLATED FROM TOWER AND CONNECTED TO UNISTRUT BRACKET.
2. IF CIGBE CANNOT BE CONNECTED TO TOWER WITH #2 AWG AND CLAMP (OR CADWELD), THEN RUN #2 BLACK INSULATED GROUND LEAD FROM CIGBE DOWN TO NEXT LOWER CIGBE. SECURE GROUND LEAD WITH NON-,METALLIC TIES AT SAME SPACING AS COAX SUPPORTS.

1	ANTENNA GROUND WIRE INSTALLATION DETAIL	SCALE: N.T.S.

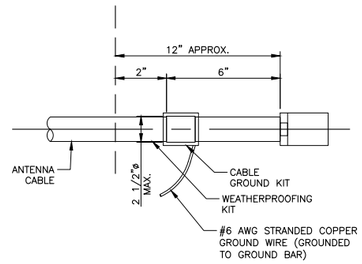
NOTES:

1. ALL HARDWARE 18-8 STAINLESS STEEL INCLUDING BELLEVILLES. COAT ALL SURFACES WITH KOPR-SHEILD BEFORE MATING.
2. FOR GROUND, BOND TO STEEL ONLY: INSERT A LOCK WASHER BETWEEN LUG & STEEL. COAT ALL SURFACES WITH KOPR-SHIELD.
3. ALL HARDWARE SHALL BE 3/8" DIAMETER.



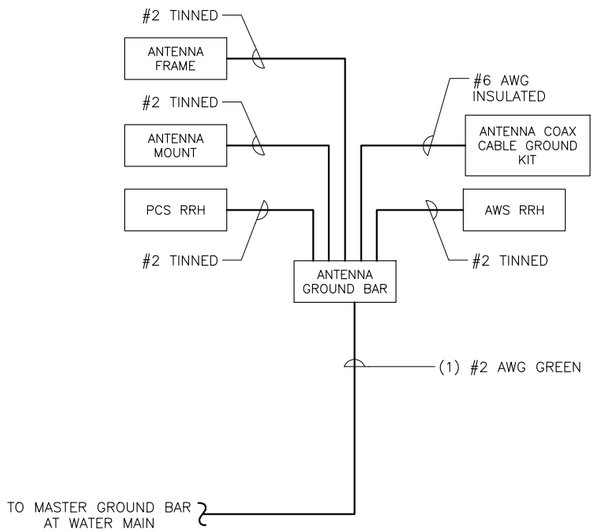
2	GROUND LUG DETAIL

NOTES:
DO NOT INSTALL CABLE GROUND KIT AT A BEND & ALWAYS DIRECT GROUND WIRE DOWN TO GROUND BAR



TO ANTENNA CABLE

3	COAX CABLE GROUNDING DETAIL	SCALE: N.T.S.



4	GROUNDING SCHEMATIC	SCALE: N.T.S.

5	SPACE NOT USED

1. ALL GROUND CABLE IN CONCRETE OR THROUGH WALL SHALL BE IN 3/4" PVC CONDUIT. NO METALLIC CONDUIT SHALL BE USED FOR GROUNDING CONDUCTOR SLEEVES.
2. GROUND ALL EXPOSED METALLIC OBJECTS USING A TWO-HOLE NEMA DRILLED CONNECTOR SUCH AS THOMAS & BETTS #32207 OR APPROVED EQUAL.
3. ALL EXTERIOR GROUND CONDUCTORS INCLUDING GROUND RING SHALL BE #2 AWG SOLID BARE TINNED COPPER. MAKE ALL GROUND CONNECTIONS AS SHORT AND DIRECT AS POSSIBLE. AVOID SHARP BENDS. THE RADIUS OF ANY BEND SHALL NOT BE LESS THAN 8" AND THE INCLUSIVE ANGLE OF ANY BEND SHALL NOT EXCEED 90°. GROUNDING CONDUCTORS SHALL BE ROUTED DOWNWARD TOWARD THE BURIED GROUND RING.
4. ALL BELOW GROUND EXTERNAL CONNECTIONS SHALL BE EXOTHERMICALLY WELDED. ALL EXOTHERMIC WELDS TO BURIED GROUND RING SHALL BE THE PARALLEL-TYPE, EXCEPT FOR THE GROUND RODS WHICH ARE TEE-TYPE EXOTHERMIC WELDS. REPAIR ALL GALVANIZED SURFACES THAT HAVE BEEN DAMAGED BY EXOTHERMIC WELDING. USE SPRAY GALVANIZED SUCH AS HOLUB LECTROSOL #15-501.
5. WHERE MECHANICAL CONNECTORS (TWO-HOLE OR CLAMP) ARE USED, APPLY A LIBERAL PROTECTIVE COATING OF A CONDUCTIVE ANTI-OXIDE COMPOUND ON ALL CONNECTORS. PROVIDE LOCK WASHERS ON ALL MECHANICAL CONNECTORS. USE STAINLESS STEEL HARDWARE THROUGHOUT. THOROUGHLY REMOVE ALL PAINT AND CLEAN ALL DIRT FROM SURFACES REQUIRING GROUND CONNECTORS, REPAINT TO MATCH EXISTING AFTER CONNECTION IS MADE TO MAINTAIN CORROSION RESISTANCE. ALL GROUND CONNECTIONS SHALL BE APPROVED FOR THE TYPES OF METALS BEING ATTACHED TO.
6. ALL MOUNTING HARDWARE SHALL BE STAINLESS STEEL.
7. THE GROUND CONDUCTORS SHALL BE RUN STRAIGHT FOR MINIMUM INDUCTANCE AND VOLTAGE DROP. SINCE CABLE BENDS INCREASE INDUCTANCE, THE MINIMUM REQUIRED BENDING RADIUS IS 8 INCHES WHEN BENDS ARE UNAVOIDABLE. ALL METAL WORK WITHIN 6 FEET OF THE GROUND RING SHALL BE DIRECTLY BONDED TO THIS GROUND SYSTEM, WITHOUT USING SERIES OR DAISY CHAIN CONNECTION ARRANGEMENTS.
8. PAINT, ENAMEL, LACQUER AND OTHER ELECTRICALLY NON-CONDUCTIVE COATINGS SHALL BE REMOVED FROM THREADS AND SURFACE AREAS WHERE CONNECTIONS ARE MADE TO ENSURE GOOD ELECTRICAL CONTINUITY.
9. CONNECTIONS BETWEEN DISSIMILAR METALS SHALL NOT BE MADE UNLESS THE CONDUCTORS ARE SEPARATED BY A SUITABLE MATERIAL THAT IS A PART OF THE ATTACHMENT DEVICE LISTED AND APPROVED FOR USE WITH THE SPECIFIC DISSIMILAR METALS MAY BE USED FOR THE PURPOSE.
10. ALL BELOW GRADE GROUND SYSTEM CONDUCTORS SHALL BE A MINIMUM DEPTH OF 30".

6	GENERAL GROUNDING NOTES

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E-3

SAMSUNG

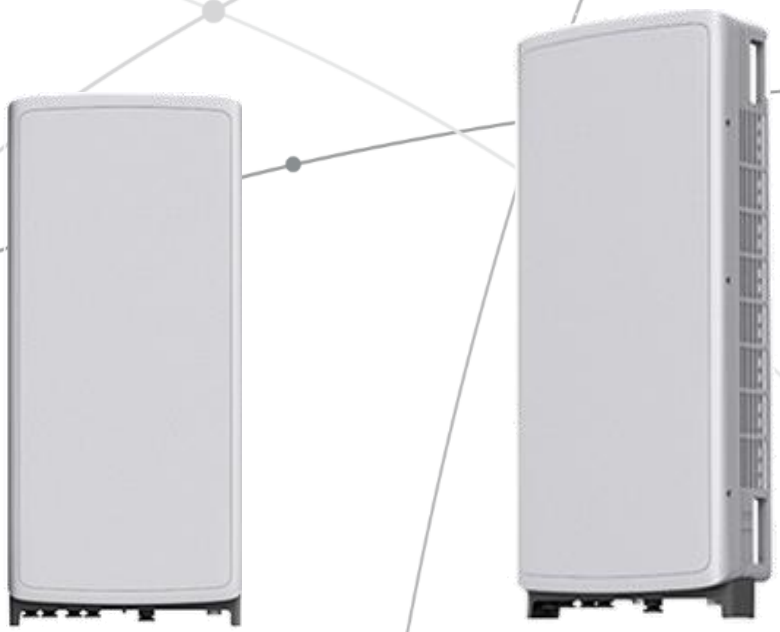
SAMSUNG

C-Band 64T64R Massive MIMO Radio

for High Capacity and Wide Coverage

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

Model Code : MT6407-77A

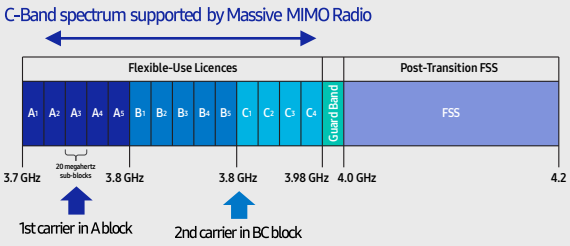


Points of Differentiation

Wide Bandwidth

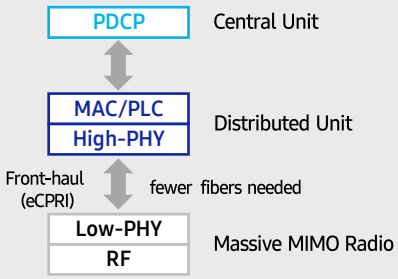
With capability to support up to 2 CC carrier configuration, Samsung C-Band massive MIMO Radio supports 200 MHz bandwidth in the C-Band spectrum.

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



Future Proof Product

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



Enhanced Performance

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

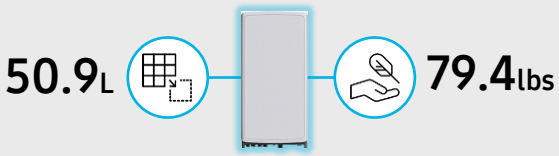
This helps operators reduce their CAPEX as they now need less products to cover the same area than before.

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

Well Matched Design

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

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



Technical Specifications

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

SAMSUNG

About Samsung Electronics Co., Ltd.

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

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

SAMSUNG

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

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

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

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

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

Features and Benefits

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

Key Technical Specifications

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

SAMSUNG

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

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

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

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

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

Features and Benefits

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

Key Technical Specifications

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

ATTACHMENT 3

Site Name: ***NEW BRITAIN 8 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 850	869	4	825	3300	60	0.0082	0.5793	1.42%
VZW 700	751	4	697	2788	60	0.0278	0.5007	5.56%
VZW PCS	1975	4	1593	6370	60	0.0636	1.0000	6.36%
VZW AWS	2120	4	1571	6286	60	0.0628	1.0000	6.28%
VZW CBAND	3730.005	4	6531	26125	60	0.2610	1.0000	26.10%

Total Percentage of Maximum Permissible Exposure 44.30%

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

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

Absolute worst case maximum values used.

ATTACHMENT 4

May 17, 2021

EBI Consulting
6876 Susquehanna Trail South
York, PA 17403
Tel 717-991-6253
cthompson@ebiconsulting.com

ODISCOM, LLC
5305 Gulfport Drive
Garland, Texas 75043
469-531-1176

Subject: **Structural Evaluation**

Carrier Designation: **Carrier:** VZW
Site Name: New Britain 8 CT

Site Data: **365 Hartford Road, New Britain, CT 06050**
Latitude: 41.70863333°, Longitude: -72.76611666°
159 Foot – Monopole Tower

Dear Chris,

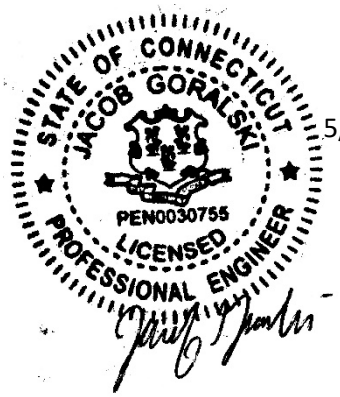
Odiscom, LLC is pleased to submit this **Structural Evaluation** to determine the structural integrity of the above-mentioned structure.

The purpose of this report is to determine the suitability of the structure with the proposed and existing loading as specified in **Table 2** of this document. This analysis has been performed in accordance with the 2018 Connecticut State Building Code based upon an ultimate 3-second gust wind speed of 122 mph converted to a nominal 3-second gust wind speed of 95 mph per Section 1609.3 and Appendix N as required for use in the TIA-222-G Standard per Exception #5 of Section 1609.1.1. Exposure Category C and Risk Category II were used in this analysis. Based on a comparison of the existing loading with the proposed loading listed in **Table 2** we have determined the structural strength to be sufficient.

Tower Pole	**42.4% - Sufficient**
Anchor Rods / Base Plate	**40.7% - Sufficient**

We at Odiscom, LLC appreciate the opportunity of providing continued specialty services. Please do not hesitate to contact our office should you have any questions.

Jacob Goralski, PE
Engineering Supervisor
Connecticut PE # PEN.0030755
Expiration: 1/31/2022



5/17/2021

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EXECUTIVE SUMMARY

The structural analysis was performed for this tower in accordance with the requirements of TIA-222-G Structural Standards for Steel Antenna Towers and Antenna Supporting Structures using a 3-second gust wind speed of 94.5 mph with no ice, 50 mph with 1 inch ice thickness and 60 mph under service loads, exposure category C with topographic category 1 and crest height of 0 feet.

Table 1: Referenced Documents

Company	Document Type	Reference	Date
EBI	Structural Analysis	SA received VIA email	June 13, 2017
EBI	Construction Drawings	CD's received VIA email	May 18, 2018

Our evaluation has been performed assuming the information provided to Odiscom, LLC is accurate and under the following assumptions:

Assumptions:

1) Tower and structures were built in accordance with the manufacturer's specifications.
2) The tower and structures have been maintained in accordance with the manufacturer's specification.
3) The configuration of antennas, transmission cables, mounts and other appurtenances are as specified in Tables 1 and 2 and the referenced drawings.

If the assumptions listed above differ from actual field conditions, Odiscom, LLC should be contacted to review the discrepancies. To ensure the requirements of the applicable standards are met, we have the following recommendations:

Recommendations:

The existing tower and its foundation are sufficient for the proposed loading configuration and do not require modifications.

CARRIER LOADING

The existing and proposed antenna equipment with corresponding feed lines and mounts are shown below in **Table 2**. If the equipment listed below differs from actual field conditions, Odiscom, LLC should be contacted to review the discrepancies.

Table 2: Appurtenance Loading

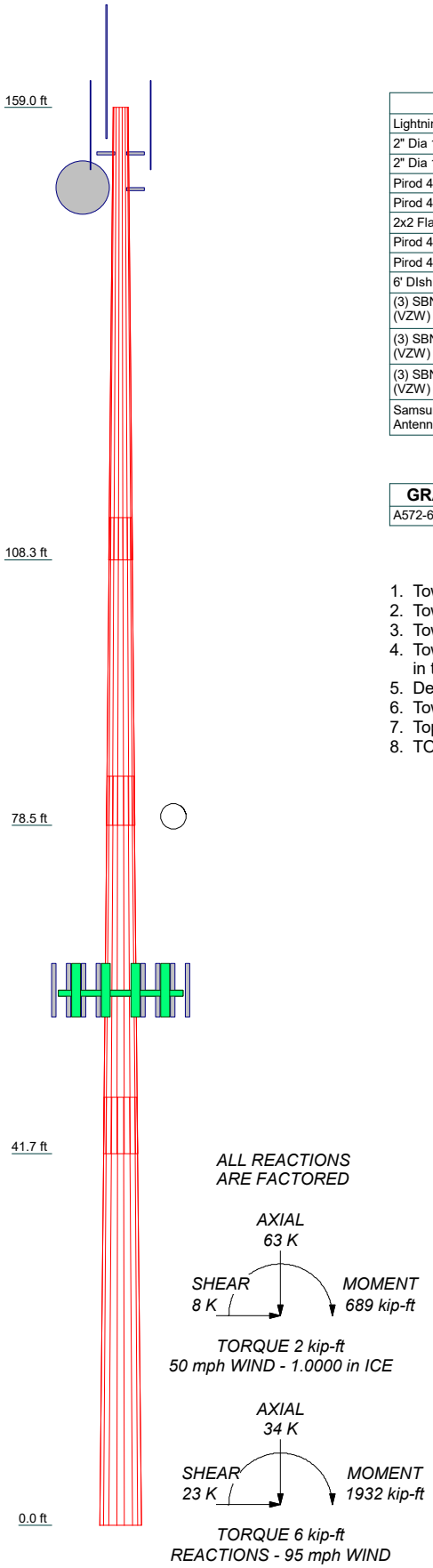
Proposed and Existing Verizon Loading:

Antenna Elevation (ft)	Description	Carrier	Mount Elevation (ft)	Mount Type	Notes
60'-0"	(3) Samsung MT6407-77A Integrated 5G Antenna (3) Samsung B2/B66A RRH-BR049 RRU (3) Samsung B5/B13 RRH-BR04C RRU (9) Andrew SBNHH-1D65B Antenna (2) Raycap RC3DC-3315-PF-48	VZW	60'-0"	(1) Platform	-

ASSUMPTIONS, LIMITATIONS AND DISCLAIMERS

1) The structure was built in accordance with the designer's specifications and the structure has been maintained and is free of damage.
2) This Structural Evaluation is not a condition assessment of the building and foundation and is an evaluation of the theoretical structural capacity.
3) This evaluation is based from the information supplied, and therefore, this report's results are as accurate as the supplied data.
4) Odsicom, LLC makes no warranties, expressed and/or implied, in connection with this report, and disclaims any liability associated with material, fabrication, or erection of this building. Odiscom, LLC will not be held responsible from any consequential or incidental damages sustained by any person, firm, or organization as a result of the contents of this report. The maximum liability of Odiscom, LLC pursuant to this report will be limited to the total fee received for compilation of this report.
5) The use of this report shall be limited to the purpose for which it was commissioned and may not be used for any other purposes without the written consent of Odiscom, LLC.

Section	Length (ft)	Number of Sides	Thickness (in)	Socket Length (ft)	Top Dia (in)	Bot Dia (in)	Grade	Weight (K)
1	50.75	18	0.2188	4.75	20.2430	31.9150	A572-65	3.1
2	34.50	18	0.3125	5.50	30.3850	38.3200		4.0
3	42.33	18	0.3750	6.33	36.4300	46.1670		7.0
4	48.00	18	0.3750		43.9603	55.0000		9.5



DESIGNED APPURTENANCE LOADING

TYPE	ELEVATION
Lightning Rod 1/2"x4' on 15' Pole	159
2" Dia 10' Omni	154
2" Dia 10' Omni	154
Pirod 4' Side Mount Standoff (1)	154
Pirod 4' Side Mount Standoff (1)	154
2x2 Flat Panel	150
Pirod 4' Side Mount Standoff (1)	150
Pirod 4' Side Mount Standoff (1)	150
6' DIsh	150
(3) SBNHH-1D65B w/mount pipe (VZW)	60
(3) SBNHH-1D65B w/mount pipe (VZW)	60
(3) SBNHH-1D65B w/mount pipe (VZW)	60
Samsung MT6407-77A Integrated 5G Antenna (VZW)	60

TYPE	ELEVATION
Samsung MT6407-77A Integrated 5G Antenna (VZW)	60
Samsung MT6407-77A Integrated 5G Antenna (VZW)	60
Samsung B2/B66A RRH-BR049 (VZW)	60
Samsung B2/B66A RRH-BR049 (VZW)	60
Samsung B2/B66A RRH-BR049 (VZW)	60
Samsung B5/B13 RRH-BR04C (VZW)	60
Samsung B5/B13 RRH-BR04C (VZW)	60
Samsung B5/B13 RRH-BR04C (VZW)	60
(2) RC3DC-3315-PF-48 (VZW)	60
Platform Mount [LP 302-1] (VZW)	60

MATERIAL STRENGTH

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

TOWER DESIGN NOTES

1. Tower is located in Hartford County, Connecticut.
2. Tower designed for Exposure C to the TIA-222-G Standard.
3. Tower designed for a 95 mph basic wind in accordance with the TIA-222-G Standard.
4. Tower is also designed for a 50 mph basic wind with 1.00 in ice. Ice is considered to increase in thickness with height.
5. Deflections are based upon a 60 mph wind.
6. Tower Structure Class II.
7. Topographic Category 1 with Crest Height of 0.00 ft
8. TOWER RATING: 42.4%

Phone: FAX:	Job: **New Britain 8 CT**		
	Project: **EBI**		
	Client: Verizon Wireless	Drawn by:	App'd:
	Code: TIA-222-G	Date: 05/17/21	Scale: NTS
	Path:		Dwg No. E-1

Tower Input Data

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

Tower is located in Hartford County, Connecticut.
ASCE 7-10 Wind Data is used (wind speeds converted to nominal values).
Basic wind speed of 95 mph.
Structure Class II.
Exposure Category C.
Topographic Category 1.
Crest Height 0.00 ft.
Nominal ice thickness of 1.0000 in.
Ice thickness is considered to increase with height.
Ice density of 56 pcf.
A wind speed of 50 mph is used in combination with ice.
Temperature drop of 50 °F.
Deflections calculated using a wind speed of 60 mph.
A non-linear (P-delta) analysis was used.
Pressures are calculated at each section.
Stress ratio used in pole design is 1.
Local bending stresses due to climbing loads, feed line supports, and appurtenance mounts are not considered.

Options

	Consider Moments - Legs		Distribute Leg Loads As Uniform		Use ASCE 10 X-Brace Ly Rules
	Consider Moments - Horizontals		Assume Legs Pinned	√	Calculate Redundant Bracing Forces
	Consider Moments - Diagonals	√	Assume Rigid Index Plate		Ignore Redundant Members in FEA
	Use Moment Magnification	√	Use Clear Spans For Wind Area		SR Leg Bolts Resist Compression
√	Use Code Stress Ratios	√	Use Clear Spans For KL/r	√	All Leg Panels Have Same Allowable
√	Use Code Safety Factors - Guys	√	Retension Guys To Initial Tension		Offset Girt At Foundation
	Escalate Ice		Bypass Mast Stability Checks	√	Consider Feed Line Torque
	Always Use Max Kz	√	Use Azimuth Dish Coefficients		Include Angle Block Shear Check
	Use Special Wind Profile	√	Project Wind Area of Appurt.		Use TIA-222-G Bracing Resist. Exemption
√	Include Bolts In Member Capacity	√	Autocalc Torque Arm Areas		Use TIA-222-G Tension Splice Exemption
	Leg Bolts Are At Top Of Section		Add IBC .6D+W Combination		Poles
√	Secondary Horizontal Braces Leg		Sort Capacity Reports By Component		Include Shear-Torsion Interaction
	Use Diamond Inner Bracing (4 Sided)	√	Triangulate Diamond Inner Bracing		Always Use Sub-Critical Flow
	SR Members Have Cut Ends		Treat Feed Line Bundles As Cylinder		Use Top Mounted Sockets
	SR Members Are Concentric		Ignore KL/ry For 60 Deg. Angle Legs		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 Sides*	*Top Diameter*	*Bottom Diameter*	*Wall Thickness*	*Bend Radius*	*Pole Grade*
	ft	*ft*	*ft*		*in*	*in*	*in*	*in*	

Section	Elevation ft	Section Length ft	Splice Length ft	Number of Sides	Top Diameter in	Bottom Diameter in	Wall Thickness in	Bend Radius in	Pole Grade
L1	159.00-108.25	50.75	4.75	18	20.2430	31.9150	0.2188	0.8750	A572-65 (65 ksi)
L2	108.25-78.50	34.50	5.50	18	30.3850	38.3200	0.3125	1.2500	A572-65 (65 ksi)
L3	78.50-41.67	42.33	6.33	18	36.4300	46.1670	0.3750	1.5000	A572-65 (65 ksi)
L4	41.67-0.00	48.00		18	43.9603	55.0000	0.3750	1.5000	A572-65 (65 ksi)

Tapered Pole Properties

Section	Tip Dia. in	Area in^2	I in^4	r in	C in	I/C in^3	J in^4	It/Q in^2	w in	w/t
L1	20.5215	13.9031	704.3057	7.1086	10.2834	68.4893	1409.5382	6.9529	3.1778	14.527
	32.3736	22.0071	2793.2904	11.2522	16.2128	172.2890	5590.2562	11.0056	5.2320	23.918
L2	31.9149	29.8282	3408.0427	10.6758	15.4356	220.7910	6820.5698	14.9169	4.7978	15.353
	38.8629	37.6987	6880.2197	13.4927	19.4666	353.4379	13769.4926	18.8529	6.1943	19.822
L3	38.2187	42.9145	7048.1054	12.7995	18.5064	380.8460	14105.4850	21.4613	5.7517	15.338
	46.8214	54.5039	14439.2447	16.2562	23.4528	615.6716	28897.4889	27.2571	7.4654	19.908
L4	46.0597	51.8775	12450.7999	15.4728	22.3319	557.5353	24917.9829	25.9437	7.0770	18.872
	55.7906	65.0174	24510.3769	19.3919	27.9400	877.2504	49053.0053	32.5149	9.0200	24.053

Tower Elevation ft	Gusset Area (per face) ft^2	Gusset Thickness in	Gusset Grade	Adjust. Factor A_f	Adjust. Factor A_r	Weight Mult.	Double Angle Stitch Bolt Spacing Diagonals in	Double Angle Stitch Bolt Spacing Horizontals in	Double Angle Stitch Bolt Spacing Redundants in
L1 159.00-108.25				1	1	1			
L2 108.25-78.50				1	1	1			
L3 78.50-41.67				1	1	1			
L4 41.67-0.00				1	1	1			

Monopole Base Plate Data

Base Plate Data	
Base plate is square	
Base plate is grouted	
Anchor bolt grade	A615-75
Anchor bolt size	2.2500 in
Number of bolts	16
Embedment length	54.0000 in
f'_c	3 ksi
Grout space	3.0000 in
Base plate grade	A572-50
Base plate thickness	2.7500 in
Bolt circle diameter	62.3500 in
Outer diameter	69.4000 in
Inner diameter	53.5000 in
Base plate type	Plain Plate

Feed Line/Linear Appurtenances - Entered As Round Or Flat

Description	*Sector*	*Exclude From Torque Calculation*	*Component Type*	*Placement* *ft*	*Total Number*	*Number Per Row*	*Start/End Position*	*Width or Diameter* *in*	*Perimeter* *in*	*Weight* *plf*
***										
1 5/8 (VZW)	C	No	Surface Ar (CaAa)	60.00 - 10.00	3	3	0.000 0.250	1.9800		1.04
***										
Climbing pegs	A	No	Surface Ar (CaAa)	159.00 - 8.00	1	1	-0.050 0.050	0.1500		0.31

Feed Line/Linear Appurtenances - Entered As Area

Description	*Face or Leg*	*Allow Shield*	*Exclude From Torque Calculation*	*Component Type*	*Placement* *ft*	*Total Number*		*C_AA_A* *ft²/ft*	*Weight* *plf*
1 5/8	C	No	No	Inside Pole	155.00 - 10.00	2	No Ice	0.00	1.04
							1/2" Ice	0.00	1.04
							1" Ice	0.00	1.04
1/2	C	No	No	Inside Pole	150.00 - 10.00	1	No Ice	0.00	0.25
							1/2" Ice	0.00	0.25
							1" Ice	0.00	0.25

Feed Line/Linear Appurtenances Section Areas

Tower Section	*Tower Elevation* *ft*	*Face*	*A_R* *ft²*	*A_F* *ft²*	*C_AA_A In Face* *ft²*	*C_AA_A Out Face* *ft²*	*Weight* *K*
L1	159.00-108.25	A	0.000	0.000	0.761	0.000	0.02
		B	0.000	0.000	0.000	0.000	0.00
		C	0.000	0.000	0.000	0.000	0.11
L2	108.25-78.50	A	0.000	0.000	0.446	0.000	0.01
		B	0.000	0.000	0.000	0.000	0.00
		C	0.000	0.000	0.000	0.000	0.07
L3	78.50-41.67	A	0.000	0.000	0.552	0.000	0.01
		B	0.000	0.000	0.000	0.000	0.00
		C	0.000	0.000	10.890	0.000	0.14
L4	41.67-0.00	A	0.000	0.000	0.505	0.000	0.01
		B	0.000	0.000	0.000	0.000	0.00
		C	0.000	0.000	18.810	0.000	0.17

Feed Line/Linear Appurtenances Section Areas - With Ice

Tower Section	*Tower Elevation* *ft*	*Face or Leg*	*Ice Thickness* *in*	*A_R* *ft²*	*A_F* *ft²*	*C_AA_A In Face* *ft²*	*C_AA_A Out Face* *ft²*	*Weight* *K*

Tower Section	Tower Elevation ft	Face or Leg	Ice Thickness in	A_R ft^2	A_F ft^2	C_AA_A In Face ft^2	C_AA_A Out Face ft^2	Weight K
L1	159.00-108.25	A	2.297	0.000	0.000	24.079	0.000	0.36
		B		0.000	0.000	0.000	0.000	0.00
		C		0.000	0.000	0.000	0.000	0.11
L2	108.25-78.50	A	2.218	0.000	0.000	14.116	0.000	0.21
		B		0.000	0.000	0.000	0.000	0.00
		C		0.000	0.000	0.000	0.000	0.07
L3	78.50-41.67	A	2.122	0.000	0.000	16.892	0.000	0.25
		B		0.000	0.000	0.000	0.000	0.00
		C		0.000	0.000	23.778	0.000	0.49
L4	41.67-0.00	A	1.911	0.000	0.000	14.796	0.000	0.21
		B		0.000	0.000	0.000	0.000	0.00
		C		0.000	0.000	40.315	0.000	0.74

Feed Line Center of Pressure

Section	Elevation ft	CP_X in	CP_Z in	CP_X Ice in	CP_Z Ice in
L1	159.00-108.25	-0.1177	-0.0679	-1.5058	-0.8694
L2	108.25-78.50	-0.1178	-0.0680	-1.6156	-0.9328
L3	78.50-41.67	-0.8077	2.5639	-2.0017	1.6429
L4	41.67-0.00	-1.0422	3.5426	-1.9276	2.7604

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

Shielding Factor Ka

Tower Section	Feed Line Record No.	Description	Feed Line Segment Elev.	K_a No Ice	K_a Ice
L1	6	Climbing pegs	108.25 - 159.00	1.0000	1.0000
L2	6	Climbing pegs	78.50 - 108.25	1.0000	1.0000
L3	4	1 5/8	41.67 - 60.00	1.0000	1.0000
L3	6	Climbing pegs	41.67 - 78.50	1.0000	1.0000
L4	4	1 5/8	10.00 - 41.67	1.0000	1.0000
L4	6	Climbing pegs	8.00 - 41.67	1.0000	1.0000

Discrete Tower Loads

Description	*Face or Leg*	*Offset Type*	*Offsets: Horz Lateral Vert* ft ft ft	*Azimuth Adjustment* °	*Placement* ft		*C_AA_A Front* ft^2	*C_AA_A Side* ft^2	*Weight* K
Lightning Rod 1/2"x4' on 15' Pole	A	From Face	1.00 0.00 4.00	0.0000	159.00	No Ice 1/2" Ice 1" Ice	5.36 7.40 9.29	5.36 7.40 9.29	0.13 0.19 0.26
2" Dia 10' Omni	A	From Face	3.00 0.00 3.00	0.0000	154.00	No Ice 1/2" Ice 1" Ice	2.00 3.03 4.06	2.00 3.03 4.06	0.01 0.03 0.04
2" Dia 10' Omni	B	From Face	3.00 0.00 3.00	0.0000	154.00	No Ice 1/2" Ice 1" Ice	2.00 3.03 4.06	2.00 3.03 4.06	0.01 0.03 0.04
Pirod 4' Side Mount Standoff (1)	A	From Face	1.00 0.00 0.00	0.0000	154.00	No Ice 1/2" Ice 1" Ice	2.72 4.91 7.10	2.72 4.91 7.10	0.05 0.09 0.13
Pirod 4' Side Mount Standoff (1)	B	From Face	1.00 0.00 0.00	0.0000	154.00	No Ice 1/2" Ice 1" Ice	2.72 4.91 7.10	2.72 4.91 7.10	0.05 0.09 0.13
2x2 Flat Panel	B	From Leg	3.00 0.00 0.00	0.0000	150.00	No Ice 1/2" Ice 1" Ice	4.80 5.07 5.35	1.27 1.43 1.60	0.01 0.04 0.07
Pirod 4' Side Mount Standoff (1)	B	From Face	1.00 0.00 0.00	0.0000	150.00	No Ice 1/2" Ice 1" Ice	2.72 4.91 7.10	2.72 4.91 7.10	0.05 0.09 0.13
Pirod 4' Side Mount Standoff (1)	A	From Face	1.00 0.00 0.00	0.0000	150.00	No Ice 1/2" Ice 1" Ice	2.72 4.91 7.10	2.72 4.91 7.10	0.05 0.09 0.13
***									
Platform Mount [LP 302-1] (VZW)	C	None		0.0000	60.00	No Ice 1/2" Ice 1" Ice	33.03 44.60 56.17	33.03 44.60 56.17	1.71 2.19 2.68
(3) SBNHH-1D65B w/mount pipe (VZW)	A	From Face	4.00 0.00 0.00	0.0000	60.00	No Ice 1/2" Ice 1" Ice	8.72 9.38 9.97	7.70 8.99 9.94	0.10 0.17 0.26
(3) SBNHH-1D65B w/mount pipe (VZW)	B	From Face	4.00 0.00 0.00	0.0000	60.00	No Ice 1/2" Ice 1" Ice	8.72 9.38 9.97	7.70 8.99 9.94	0.10 0.17 0.26
(3) SBNHH-1D65B w/mount pipe (VZW)	C	From Face	4.00 0.00 0.00	0.0000	60.00	No Ice 1/2" Ice 1" Ice	8.72 9.38 9.97	7.70 8.99 9.94	0.10 0.17 0.26
Samsung MT6407-77A Integrated 5G Antenna (VZW)	A	From Leg	4.00 0.00 0.00	0.0000	60.00	No Ice 1/2" Ice 1" Ice	4.94 5.30 5.66	3.90 4.39 4.90	0.09 0.14 0.19
Samsung MT6407-77A Integrated 5G Antenna (VZW)	B	From Leg	4.00 0.00 0.00	0.0000	60.00	No Ice 1/2" Ice 1" Ice	4.94 5.30 5.66	3.90 4.39 4.90	0.09 0.14 0.19
Samsung MT6407-77A Integrated 5G Antenna (VZW)	C	From Leg	4.00 0.00 0.00	0.0000	60.00	No Ice 1/2" Ice 1" Ice	4.94 5.30 5.66	3.90 4.39 4.90	0.09 0.14 0.19
Samsung B2/B66A RRH-BR049 (VZW)	A	From Leg	4.00 0.00 0.00	0.0000	60.00	No Ice 1/2" Ice 1" Ice	1.88 2.05 2.22	1.00 1.13 1.27	0.05 0.07 0.09
Samsung B2/B66A RRH-BR049 (VZW)	B	From Leg	4.00 0.00 0.00	0.0000	60.00	No Ice 1/2" Ice 1" Ice	1.88 2.05 2.22	1.00 1.13 1.27	0.05 0.07 0.09
Samsung B2/B66A RRH-BR049 (VZW)	C	From Leg	4.00 0.00 0.00	0.0000	60.00	No Ice 1/2" Ice 1" Ice	1.88 2.05 2.22	1.00 1.13 1.27	0.05 0.07 0.09
Samsung B5/B13 RRH-BR04C	A	From Leg	4.00 0.00	0.0000	60.00	No Ice 1/2" Ice	1.88 2.05	1.00 1.13	0.05 0.07

Description	Face or Leg	Offset Type	Offsets: Horz Lateral ft / Vert ft / ft	Azimuth Adjustment °	Placement ft		C_AA_A Front ft^2	C_AA_A Side ft^2	Weight K
(VZW)			0.00			1" Ice	2.22	1.27	0.09
Samsung B5/B13	B	From Leg	4.00	0.0000	60.00	No Ice	1.88	1.00	0.05
RRH-BR04C			0.00			1/2" Ice	2.05	1.13	0.07
(VZW)			0.00			1" Ice	2.22	1.27	0.09
Samsung B5/B13	C	From Leg	4.00	0.0000	60.00	No Ice	1.88	1.00	0.05
RRH-BR04C			0.00			1/2" Ice	2.05	1.13	0.07
(VZW)			0.00			1" Ice	2.22	1.27	0.09
(2) RC3DC-3315-PF-48	C	None		0.0000	60.00	No Ice	2.00	2.00	0.04
(VZW)						1/2" Ice	2.25	2.25	0.08
						1" Ice	2.50	2.50	0.12

Dishes

Description	Face or Leg	Dish Type	Offset Type	Offsets: Horz Lateral ft / Vert ft	Azimuth Adjustment °	3 dB Beam Width °	Elevation ft	Outside Diameter ft		Aperture Area ft^2	Weight K
6' DIsh	A	Paraboloid w/Shroud (HP)	From Face	4.00	0.0000		150.00	6.00	No Ice	28.30	0.44
				0.00					1/2" Ice	29.05	0.59
				0.00					1" Ice	29.80	0.74

Load Combinations

Comb. No.	Description
1	Dead Only
2	1.2 Dead+1.6 Wind 0 deg - No Ice
3	0.9 Dead+1.6 Wind 0 deg - No Ice
4	1.2 Dead+1.6 Wind 30 deg - No Ice
5	0.9 Dead+1.6 Wind 30 deg - No Ice
6	1.2 Dead+1.6 Wind 60 deg - No Ice
7	0.9 Dead+1.6 Wind 60 deg - No Ice
8	1.2 Dead+1.6 Wind 90 deg - No Ice
9	0.9 Dead+1.6 Wind 90 deg - No Ice
10	1.2 Dead+1.6 Wind 120 deg - No Ice
11	0.9 Dead+1.6 Wind 120 deg - No Ice
12	1.2 Dead+1.6 Wind 150 deg - No Ice
13	0.9 Dead+1.6 Wind 150 deg - No Ice
14	1.2 Dead+1.6 Wind 180 deg - No Ice
15	0.9 Dead+1.6 Wind 180 deg - No Ice
16	1.2 Dead+1.6 Wind 210 deg - No Ice
17	0.9 Dead+1.6 Wind 210 deg - No Ice
18	1.2 Dead+1.6 Wind 240 deg - No Ice
19	0.9 Dead+1.6 Wind 240 deg - No Ice
20	1.2 Dead+1.6 Wind 270 deg - No Ice
21	0.9 Dead+1.6 Wind 270 deg - No Ice
22	1.2 Dead+1.6 Wind 300 deg - No Ice

Comb. No.	Description
23	0.9 Dead+1.6 Wind 300 deg - No Ice
24	1.2 Dead+1.6 Wind 330 deg - No Ice
25	0.9 Dead+1.6 Wind 330 deg - No Ice
26	1.2 Dead+1.0 Ice+1.0 Temp
27	1.2 Dead+1.0 Wind 0 deg+1.0 Ice+1.0 Temp
28	1.2 Dead+1.0 Wind 30 deg+1.0 Ice+1.0 Temp
29	1.2 Dead+1.0 Wind 60 deg+1.0 Ice+1.0 Temp
30	1.2 Dead+1.0 Wind 90 deg+1.0 Ice+1.0 Temp
31	1.2 Dead+1.0 Wind 120 deg+1.0 Ice+1.0 Temp
32	1.2 Dead+1.0 Wind 150 deg+1.0 Ice+1.0 Temp
33	1.2 Dead+1.0 Wind 180 deg+1.0 Ice+1.0 Temp
34	1.2 Dead+1.0 Wind 210 deg+1.0 Ice+1.0 Temp
35	1.2 Dead+1.0 Wind 240 deg+1.0 Ice+1.0 Temp
36	1.2 Dead+1.0 Wind 270 deg+1.0 Ice+1.0 Temp
37	1.2 Dead+1.0 Wind 300 deg+1.0 Ice+1.0 Temp
38	1.2 Dead+1.0 Wind 330 deg+1.0 Ice+1.0 Temp
39	Dead+Wind 0 deg - Service
40	Dead+Wind 30 deg - Service
41	Dead+Wind 60 deg - Service
42	Dead+Wind 90 deg - Service
43	Dead+Wind 120 deg - Service
44	Dead+Wind 150 deg - Service
45	Dead+Wind 180 deg - Service
46	Dead+Wind 210 deg - Service
47	Dead+Wind 240 deg - Service
48	Dead+Wind 270 deg - Service
49	Dead+Wind 300 deg - Service
50	Dead+Wind 330 deg - Service

Maximum Member Forces

Section No.	Elevation ft	Component Type	Condition	Gov. Load Comb.	Axial K	Major Axis Moment kip-ft	Minor Axis Moment kip-ft
L1	159 - 108.25	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-10.51	5.89	4.67
			Max. Mx	8	-4.16	-193.70	-24.19
			Max. My	2	-4.20	27.97	169.99
			Max. Vy	8	6.56	-193.70	-24.19
			Max. Vx	14	5.89	-36.59	-169.69
			Max. Torque	17			-6.27
L2	108.25 - 78.5	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-18.47	6.25	4.89
			Max. Mx	8	-8.58	-422.30	-44.59
			Max. My	14	-8.61	-67.39	-378.69
			Max. Vy	8	9.25	-422.30	-44.59
			Max. Vx	14	8.58	-67.39	-378.69
			Max. Torque	17			-6.27
L3	78.5 - 41.667	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-42.78	6.73	4.48
			Max. Mx	8	-20.47	-891.84	-70.21
			Max. My	14	-20.50	-105.89	-823.83
			Max. Vy	8	18.79	-891.84	-70.21
			Max. Vx	14	18.11	-105.89	-823.83
			Max. Torque	17			-6.27
L4	41.667 - 0	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-63.37	7.14	3.06
			Max. Mx	8	-33.87	-1903.04	-104.17
			Max. My	14	-33.87	-156.71	-1802.95

Section No.	Elevation ft	Component Type	Condition	Gov. Load Comb.	Axial K	Major Axis Moment kip-ft	Minor Axis Moment kip-ft
			Max. Vy	8	23.18	-1903.04	-104.17
			Max. Vx	14	22.52	-156.71	-1802.95
			Max. Torque	17			-6.27

Maximum Reactions

Location	Condition	Gov. Load Comb.	Vertical K	Horizontal, X K	Horizontal, Z K
Pole	Max. Vert	26	63.37	-0.00	-0.00
	Max. H_x	21	25.41	22.79	0.57
	Max. H_z	3	25.41	0.68	22.43
	Max. M_x	2	1792.99	0.68	22.43
	Max. M_z	8	1903.04	-23.17	-0.69
	Max. Torsion	5	6.27	-10.96	19.32
	Min. Vert	9	25.41	-23.17	-0.69
	Min. H_x	8	33.88	-23.17	-0.69
	Min. H_z	15	25.41	-1.04	-22.51
	Min. M_x	14	-1802.95	-1.04	-22.51
	Min. M_z	20	-1850.79	22.79	0.57
	Min. Torsion	17	-6.27	11.25	-19.16

Tower Mast Reaction Summary

Load Combination	Vertical K	$Shear_x$ K	$Shear_z$ K	Overturning Moment, M_x kip-ft	Overturning Moment, M_z kip-ft	Torque kip-ft
Dead Only	28.24	0.00	0.00	-1.12	2.11	0.00
1.2 Dead+1.6 Wind 0 deg - No Ice	33.88	-0.68	-22.43	-1792.99	106.92	-4.40
0.9 Dead+1.6 Wind 0 deg - No Ice	25.41	-0.68	-22.43	-1784.82	105.64	-4.40
1.2 Dead+1.6 Wind 30 deg - No Ice	33.88	10.96	-19.32	-1537.47	-855.03	-6.26
0.9 Dead+1.6 Wind 30 deg - No Ice	25.41	10.96	-19.32	-1530.44	-852.02	-6.27
1.2 Dead+1.6 Wind 60 deg - No Ice	33.88	20.01	-10.36	-765.69	-1639.91	-3.72
0.9 Dead+1.6 Wind 60 deg - No Ice	25.41	20.01	-10.36	-762.18	-1633.27	-3.72
1.2 Dead+1.6 Wind 90 deg - No Ice	33.88	23.17	0.69	104.17	-1903.04	-2.37
0.9 Dead+1.6 Wind 90 deg - No Ice	25.41	23.17	0.69	103.91	-1895.13	-2.37
1.2 Dead+1.6 Wind 120 deg - No Ice	33.88	20.23	11.68	966.17	-1673.25	-0.84
0.9 Dead+1.6 Wind 120 deg - No Ice	25.41	20.23	11.68	962.20	-1666.41	-0.84
1.2 Dead+1.6 Wind 150 deg - No Ice	33.88	12.18	19.72	1596.26	-1041.69	0.91
0.9 Dead+1.6 Wind 150 deg - No Ice	25.41	12.18	19.72	1589.57	-1037.58	0.91
1.2 Dead+1.6 Wind 180 deg -	33.88	1.04	22.51	1802.95	-156.71	2.87

Load Combination	*Vertical*	*Shear$_x$*	*Shear$_z$*	*Overturning Moment, M$_x$*	*Overturning Moment, M$_z$*	*Torque*
	K	*K*	*K*	*kip-ft*	*kip-ft*	*kip-ft*
No Ice						
0.9 Dead+1.6 Wind 180 deg - No Ice	25.41	1.04	22.51	1795.50	-156.46	2.87
1.2 Dead+1.6 Wind 210 deg - No Ice	33.88	-11.25	19.16	1509.41	904.09	6.26
0.9 Dead+1.6 Wind 210 deg - No Ice	25.41	-11.25	19.16	1503.24	899.48	6.27
1.2 Dead+1.6 Wind 240 deg - No Ice	33.88	-19.76	10.62	804.08	1606.34	5.25
0.9 Dead+1.6 Wind 240 deg - No Ice	25.41	-19.76	10.62	801.06	1598.60	5.25
1.2 Dead+1.6 Wind 270 deg - No Ice	33.88	-22.79	-0.57	-89.35	1850.79	2.96
0.9 Dead+1.6 Wind 270 deg - No Ice	25.41	-22.79	-0.57	-88.48	1841.98	2.96
1.2 Dead+1.6 Wind 300 deg - No Ice	33.88	-19.91	-11.50	-940.53	1629.25	0.84
0.9 Dead+1.6 Wind 300 deg - No Ice	25.41	-19.91	-11.50	-936.00	1621.35	0.84
1.2 Dead+1.6 Wind 330 deg - No Ice	33.88	-11.89	-19.45	-1558.00	1002.89	-1.50
0.9 Dead+1.6 Wind 330 deg - No Ice	25.41	-11.89	-19.45	-1550.82	997.69	-1.50
1.2 Dead+1.0 Ice+1.0 Temp	63.37	0.00	0.00	-3.06	7.14	0.00
1.2 Dead+1.0 Wind 0 deg+1.0 Ice+1.0 Temp	63.37	-0.13	-7.79	-666.46	28.21	-0.95
1.2 Dead+1.0 Wind 30 deg+1.0 Ice+1.0 Temp	63.37	3.85	-6.73	-574.48	-316.69	-1.59
1.2 Dead+1.0 Wind 60 deg+1.0 Ice+1.0 Temp	63.37	6.86	-3.73	-308.49	-585.31	-1.27
1.2 Dead+1.0 Wind 90 deg+1.0 Ice+1.0 Temp	63.37	7.94	0.13	17.98	-678.85	-1.04
1.2 Dead+1.0 Wind 120 deg+1.0 Ice+1.0 Temp	63.37	6.91	3.99	342.86	-592.03	-0.61
1.2 Dead+1.0 Wind 150 deg+1.0 Ice+1.0 Temp	63.37	4.09	6.81	580.50	-354.08	-0.03
1.2 Dead+1.0 Wind 180 deg+1.0 Ice+1.0 Temp	63.37	0.20	7.81	662.72	-24.58	0.65
1.2 Dead+1.0 Wind 210 deg+1.0 Ice+1.0 Temp	63.37	-3.90	6.70	563.08	340.08	1.59
1.2 Dead+1.0 Wind 240 deg+1.0 Ice+1.0 Temp	63.37	-6.82	3.78	310.39	592.19	1.56
1.2 Dead+1.0 Wind 270 deg+1.0 Ice+1.0 Temp	63.37	-7.87	-0.11	-20.79	681.97	1.15
1.2 Dead+1.0 Wind 300 deg+1.0 Ice+1.0 Temp	63.37	-6.84	-3.95	-343.51	596.81	0.62
1.2 Dead+1.0 Wind 330 deg+1.0 Ice+1.0 Temp	63.37	-4.03	-6.76	-578.62	359.90	-0.08
Dead+Wind 0 deg - Service	28.24	-0.15	-5.00	-399.76	25.35	-0.99
Dead+Wind 30 deg - Service	28.24	2.45	-4.31	-342.91	-188.65	-1.40
Dead+Wind 60 deg - Service	28.24	4.46	-2.31	-171.24	-363.23	-0.83
Dead+Wind 90 deg - Service	28.24	5.17	0.15	22.30	-421.88	-0.53
Dead+Wind 120 deg - Service	28.24	4.51	2.61	214.14	-370.72	-0.19
Dead+Wind 150 deg - Service	28.24	2.72	4.40	354.29	-230.13	0.20
Dead+Wind 180 deg - Service	28.24	0.23	5.02	400.34	-33.23	0.64
Dead+Wind 210 deg - Service	28.24	-2.51	4.27	334.98	202.74	1.40
Dead+Wind 240 deg - Service	28.24	-4.41	2.37	178.08	358.96	1.17
Dead+Wind 270 deg - Service	28.24	-5.08	-0.13	-20.70	413.36	0.66
Dead+Wind 300 deg - Service	28.24	-4.44	-2.56	-210.13	364.13	0.19
Dead+Wind 330 deg - Service	28.24	-2.65	-4.34	-347.48	224.69	-0.34

Solution Summary

	Sum of Applied Forces			*Sum of Reactions*			
Load Comb.	*PX K*	*PY K*	*PZ K*	*PX K*	*PY K*	*PZ K*	*% Error*
1	0.00	-28.24	0.00	-0.00	28.24	-0.00	0.001%
2	-0.68	-33.88	-22.43	0.68	33.88	22.43	0.001%
3	-0.68	-25.41	-22.43	0.68	25.41	22.43	0.001%
4	10.96	-33.88	-19.32	-10.96	33.88	19.32	0.001%
5	10.96	-25.41	-19.32	-10.96	25.41	19.32	0.001%
6	20.01	-33.88	-10.36	-20.01	33.88	10.36	0.000%
7	20.01	-25.41	-10.36	-20.01	25.41	10.36	0.001%
8	23.17	-33.88	0.69	-23.17	33.88	-0.69	0.003%
9	23.17	-25.41	0.69	-23.17	25.41	-0.69	0.006%
10	20.23	-33.88	11.68	-20.23	33.88	-11.68	0.000%
11	20.23	-25.41	11.68	-20.23	25.41	-11.68	0.001%
12	12.18	-33.88	19.72	-12.18	33.88	-19.72	0.000%
13	12.18	-25.41	19.72	-12.18	25.41	-19.72	0.001%
14	1.04	-33.88	22.51	-1.04	33.88	-22.51	0.006%
15	1.04	-25.41	22.51	-1.04	25.41	-22.51	0.005%
16	-11.25	-33.88	19.16	11.25	33.88	-19.16	0.000%
17	-11.25	-25.41	19.16	11.25	25.41	-19.16	0.000%
18	-19.76	-33.88	10.62	19.76	33.88	-10.62	0.001%
19	-19.76	-25.41	10.62	19.76	25.41	-10.62	0.001%
20	-22.80	-33.88	-0.57	22.79	33.88	0.57	0.001%
21	-22.80	-25.41	-0.57	22.79	25.41	0.57	0.001%
22	-19.91	-33.88	-11.50	19.91	33.88	11.50	0.000%
23	-19.91	-25.41	-11.50	19.91	25.41	11.50	0.001%
24	-11.89	-33.88	-19.45	11.89	33.88	19.45	0.000%
25	-11.89	-25.41	-19.45	11.89	25.41	19.45	0.001%
26	0.00	-63.37	0.00	-0.00	63.37	-0.00	0.001%
27	-0.13	-63.37	-7.79	0.13	63.37	7.79	0.001%
28	3.85	-63.37	-6.73	-3.85	63.37	6.73	0.000%
29	6.87	-63.37	-3.73	-6.86	63.37	3.73	0.000%
30	7.94	-63.37	0.13	-7.94	63.37	-0.13	0.001%
31	6.91	-63.37	3.99	-6.91	63.37	-3.99	0.001%
32	4.09	-63.37	6.81	-4.09	63.37	-6.81	0.001%
33	0.20	-63.37	7.81	-0.20	63.37	-7.81	0.000%
34	-3.90	-63.37	6.70	3.90	63.37	-6.70	0.000%
35	-6.82	-63.37	3.78	6.82	63.37	-3.78	0.001%
36	-7.87	-63.37	-0.11	7.87	63.37	0.11	0.001%
37	-6.85	-63.37	-3.95	6.84	63.37	3.95	0.001%
38	-4.03	-63.37	-6.76	4.03	63.37	6.76	0.001%
39	-0.15	-28.24	-5.00	0.15	28.24	5.00	0.004%
40	2.45	-28.24	-4.31	-2.45	28.24	4.31	0.004%
41	4.47	-28.24	-2.31	-4.46	28.24	2.31	0.004%
42	5.17	-28.24	0.15	-5.17	28.24	-0.15	0.002%
43	4.51	-28.24	2.61	-4.51	28.24	-2.61	0.002%
44	2.72	-28.24	4.40	-2.72	28.24	-4.40	0.004%
45	0.23	-28.24	5.02	-0.23	28.24	-5.02	0.004%
46	-2.51	-28.24	4.27	2.51	28.24	-4.27	0.004%
47	-4.41	-28.24	2.37	4.41	28.24	-2.37	0.004%
48	-5.09	-28.24	-0.13	5.08	28.24	0.13	0.004%
49	-4.44	-28.24	-2.56	4.44	28.24	2.56	0.002%
50	-2.65	-28.24	-4.34	2.65	28.24	4.34	0.004%

Non-Linear Convergence Results

Load Combination	*Converged?*	*Number of Cycles*	*Displacement Tolerance*	*Force Tolerance*
1	Yes	6	0.00000001	0.00000001
2	Yes	14	0.00000001	0.00010866
3	Yes	14	0.00000001	0.00009224
4	Yes	14	0.00000001	0.00010330
5	Yes	14	0.00000001	0.00008823
6	Yes	15	0.00000001	0.00007062
7	Yes	14	0.00000001	0.00014228
8	Yes	13	0.00000001	0.00007078
9	Yes	12	0.00008694	0.00013721
10	Yes	15	0.00000001	0.00006346
11	Yes	14	0.00000001	0.00012532
12	Yes	15	0.00000001	0.00006538
13	Yes	14	0.00000001	0.00012927
14	Yes	12	0.00012029	0.00014740
15	Yes	12	0.00008710	0.00012934
16	Yes	15	0.00000001	0.00008320
17	Yes	15	0.00000001	0.00007011
18	Yes	14	0.00000001	0.00008159
19	Yes	14	0.00000001	0.00006907
20	Yes	14	0.00000001	0.00008185
21	Yes	14	0.00000001	0.00006922
22	Yes	15	0.00000001	0.00006495
23	Yes	14	0.00000001	0.00012836
24	Yes	15	0.00000001	0.00006650
25	Yes	14	0.00000001	0.00013174
26	Yes	9	0.00000001	0.00002739
27	Yes	14	0.00000001	0.00008286
28	Yes	14	0.00000001	0.00008839
29	Yes	14	0.00000001	0.00009035
30	Yes	14	0.00000001	0.00008249
31	Yes	14	0.00000001	0.00009268
32	Yes	14	0.00000001	0.00009266
33	Yes	14	0.00000001	0.00007927
34	Yes	14	0.00000001	0.00009174
35	Yes	14	0.00000001	0.00009033
36	Yes	14	0.00000001	0.00008564
37	Yes	14	0.00000001	0.00009829
38	Yes	14	0.00000001	0.00009689
39	Yes	11	0.00000001	0.00008745
40	Yes	11	0.00000001	0.00008388
41	Yes	11	0.00000001	0.00008200
42	Yes	12	0.00000001	0.00003697
43	Yes	12	0.00000001	0.00003017
44	Yes	11	0.00000001	0.00006695
45	Yes	11	0.00000001	0.00007677
46	Yes	11	0.00000001	0.00009230
47	Yes	11	0.00000001	0.00008044
48	Yes	11	0.00000001	0.00008400
49	Yes	12	0.00000001	0.00003166
50	Yes	11	0.00000001	0.00007012

Maximum Tower Deflections - Service Wind

Section No.	Elevation ft	Horz. Deflection in	Gov. Load Comb.	Tilt °	Twist °
L1	159 - 108.25	11.101	43	0.5967	0.0190
L2	113 - 78.5	5.895	43	0.4631	0.0060
L3	84 - 41.667	3.384	43	0.3538	0.0031
L4	48 - 0	1.182	43	0.2192	0.0013

Critical Deflections and Radius of Curvature - Service Wind

Elevation ft	Appurtenance	Gov. Load Comb.	Deflection in	Tilt °	Twist °	Radius of Curvature ft
159.00	Lightning Rod 1/2"x4' on 15' Pole	43	11.101	0.5967	0.0190	104396
154.00	2" Dia 10' Omni	43	10.499	0.5831	0.0174	104396
150.00	6' DIsh	43	10.020	0.5721	0.0160	57998
60.00	Platform Mount [LP 302-1]	43	1.782	0.2653	0.0018	12099

Maximum Tower Deflections - Design Wind

Section No.	Elevation ft	Horz. Deflection in	Gov. Load Comb.	Tilt °	Twist °
L1	159 - 108.25	50.678	10	2.6670	0.0849
L2	113 - 78.5	26.729	10	2.1097	0.0267
L3	84 - 41.667	15.318	10	1.6048	0.0136
L4	48 - 0	5.343	10	0.9912	0.0058

Critical Deflections and Radius of Curvature - Design Wind

Elevation ft	Appurtenance	Gov. Load Comb.	Deflection in	Tilt °	Twist °	Radius of Curvature ft
159.00	Lightning Rod 1/2"x4' on 15' Pole	10	50.678	2.6670	0.0849	24452
154.00	2" Dia 10' Omni	10	47.903	2.6153	0.0773	24452
150.00	6' DIsh	10	45.692	2.5734	0.0714	13584
60.00	Platform Mount [LP 302-1]	10	8.058	1.2009	0.0080	2669

Base Plate Design Data

Plate Thickness in	Number of Anchor Bolts	Anchor Bolt Size in	Actual Allowable Ratio Bolt Tension K	Actual Allowable Ratio Bolt Compression K	Actual Allowable Ratio Plate Stress ksi	Actual Allowable Ratio Stiffener Stress ksi	Controlling Condition	Ratio
2.7500	16	2.2500	91.00	95.08	17.115		Bolt T	0.41

Plate Thickness in	Number of Anchor Bolts	Anchor Bolt Size in	Actual Allowable Ratio Bolt Tension K	Actual Allowable Ratio Bolt Compression K	Actual Allowable Ratio Plate Stress ksi	Actual Allowable Ratio Stiffener Stress ksi	Controlling Condition	Ratio
			223.65 0.41	371.27 0.26	45.000 0.38			✔

Compression Checks

Pole Design Data

Section No.	Elevation ft	Size	L ft	L_u ft	Kl/r	A in^2	P_u K	ϕP_n K	Ratio $\frac{P_u}{\phi P_n}$
L1	159 - 108.25 (1)	TP31.915x20.243x0.2188	50.75	159.00	175.6	21.2486	-4.15	155.64	0.027
L2	108.25 - 78.5 (2)	TP38.32x30.385x0.3125	34.50	159.00	146.3	36.4440	-8.57	384.77	0.022
L3	78.5 - 41.667 (3)	TP46.167x36.43x0.375	42.33	159.00	121.2	52.7701	-20.46	811.20	0.025
L4	41.667 - 0 (4)	TP55x43.9604x0.375	48.00	159.00	98.4	65.0174	-33.87	1517.23	0.022

Pole Bending Design Data

Section No.	Elevation ft	Size	M_{ux} kip-ft	ϕM_{nx} kip-ft	Ratio $\frac{M_{ux}}{\phi M_{nx}}$	M_{uy} kip-ft	ϕM_{ny} kip-ft	Ratio $\frac{M_{uy}}{\phi M_{ny}}$
L1	159 - 108.25 (1)	TP31.915x20.243x0.2188	200.38	894.86	0.224	0.00	894.86	0.000
L2	108.25 - 78.5 (2)	TP38.32x30.385x0.3125	434.68	1954.63	0.222	0.00	1954.63	0.000
L3	78.5 - 41.667 (3)	TP46.167x36.43x0.375	911.41	3409.46	0.267	0.00	3409.46	0.000
L4	41.667 - 0 (4)	TP55x43.9604x0.375	1932.16	4810.17	0.402	0.00	4810.17	0.000

Pole Shear Design Data

Section No.	Elevation ft	Size	Actual V_u K	ϕV_n K	Ratio $\frac{V_u}{\phi V_n}$	Actual T_u kip-ft	ϕT_n kip-ft	Ratio $\frac{T_u}{\phi T_n}$
L1	159 - 108.25 (1)	TP31.915x20.243x0.2188	6.75	710.47	0.010	0.84	1793.83	0.000
L2	108.25 - 78.5 (2)	TP38.32x30.385x0.3125	9.45	1294.35	0.007	0.84	3919.05	0.000
L3	78.5 - 41.667 (3)	TP46.167x36.43x0.375	18.99	1870.98	0.010	0.84	6835.96	0.000
L4	41.667 - 0 (4)	TP55x43.9604x0.375	23.38	2139.03	0.011	0.84	9642.08	0.000

Section No.	Elevation ft	Size	Actual V_u K	ϕV_n K	Ratio $\frac{V_u}{\phi V_n}$	Actual T_u kip-ft	ϕT_n kip-ft	Ratio $\frac{T_u}{\phi T_n}$

Pole Interaction Design Data

Section No.	Elevation ft	Ratio $\frac{P_u}{\phi P_n}$	Ratio $\frac{M_{ux}}{\phi M_{nx}}$	Ratio $\frac{M_{uy}}{\phi M_{ny}}$	Ratio $\frac{V_u}{\phi V_n}$	Ratio $\frac{T_u}{\phi T_n}$	Comb. Stress Ratio	Allow. Stress Ratio	Criteria
L1	159 - 108.25 (1)	0.027	0.224	0.000	0.010	0.000	0.251 ✔	1.000	4.8.2 ✔
L2	108.25 - 78.5 (2)	0.022	0.222	0.000	0.007	0.000	0.245 ✔	1.000	4.8.2 ✔
L3	78.5 - 41.667 (3)	0.025	0.267	0.000	0.010	0.000	0.293 ✔	1.000	4.8.2 ✔
L4	41.667 - 0 (4)	0.022	0.402	0.000	0.011	0.000	0.424 ✔	1.000	4.8.2 ✔

Section Capacity Table

Section No.	Elevation ft	Component Type	Size	Critical Element	P K	ϕP_{allow} K	% Capacity	Pass Fail
L1	159 - 108.25	Pole	TP31.915x20.243x0.2188	1	-4.15	155.64	25.1	Pass
L2	108.25 - 78.5	Pole	TP38.32x30.385x0.3125	2	-8.57	384.77	24.5	Pass
L3	78.5 - 41.667	Pole	TP46.167x36.43x0.375	3	-20.46	811.20	29.3	Pass
L4	41.667 - 0	Pole	TP55x43.9604x0.375	4	-33.87	1517.23	42.4	Pass
							Summary	
						Pole (L4)	42.4	Pass
						Base Plate	40.7	Pass
						RATING =	**42.4**	**Pass**

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Antenna Mount Analysis Report and PMI Requirements

Mount Analysis

SMART Tool Project #: 10037980
Maser Consulting Connecticut Project #: 21777014A

March 12, 2021

Site Information	*Site ID:*	*470601-VZW / New Britain 8 – CT - A*
	Site Name:	*New Britain 8 – CT - A*
	Carrier Name:	*Verizon Wireless*
	Address:	*365 Hartford Road* *New Britain, Connecticut 06050* *Hartford County*
	Latitude:	*41.70863333°*
	Longitude:	*-72.76611666°*
Structure Information	*Tower Type:*	*166-Ft Monopole*
	Mount Type:	*13.33-Ft Platform*

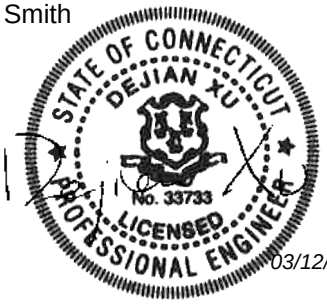
FUZE ID # 16232065

Analysis Results

Platform: **36.0% 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: Garrett Smith



03/12/2021

Executive Summary:

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

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

Sources of Information:

Document Type	Remarks
Radio Frequency Data Sheet (RFDS)	*Verizon RFDS Site ID: 5016827, dated March 3, 2021*
Mount Mapping Report	*Structural Components, Site ID: 16232065, dated February 23, 2021*

Analysis Criteria:

Codes and Standards:	ANSI/TIA-222-H	
Wind Parameters:	Basic Wind Speed (Ultimate 3-sec. Gust), V_{ULT}:	117 mph
	Ice Wind Speed (3-sec. Gust):	50 mph
	Design Ice Thickness:	1.50 in
	Risk Category:	II
	Exposure Category:	C
	Topographic Category:	1
	Topographic Feature Considered:	N/A
	Topographic Method:	N/A
	Ground Elevation Factor, K_e:	0.993
Seismic Parameters:	S_S:	0.192
	S_1:	0.055
Maintenance Parameters:	Wind Speed (3-sec. Gust):	30 mph
	Maintenance Live Load, Lv:	250 lbs.
	Maintenance Live Load, Lm:	500 lbs.
Analysis Software:	RISA-3D (V17)	

Final Loading Configuration:

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

Mount Elevation (ft)	Equipment Elevation (ft)	Quantity	Manufacturer	Model	Status
60.00	60.00	3	-	VZS01	Added
		3	Samsung	B2/B66A RRH-BR049	
		3	Samsung	B5/B13 RRH-BR04C	
		9	Andrew	SBNHH-1D65B	Retained
		2	Raycap	RC3DC-3315-PF-48	

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

Standard Conditions:

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

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

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

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

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

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

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

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

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

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

Analysis Results:

Component	Utilization %	Pass/Fail
Mount Pipe	*36.0%*	*Pass*
Support Rail Angle	*21.8%*	*Pass*
Support Rail	*8.6%*	*Pass*
Kicker	*7.3%*	*Pass*
Corner Plate	*21.8%*	*Pass*
Cross Arm Plate	*32.2%*	*Pass*
Grating Support	*16.6%*	*Pass*
Platform Crossmember	*12.3%*	*Pass*
Standoff Horizontal	*16.2%*	*Pass*
Face Horizontal	*15.0%*	*Pass*
Connection Check	*21.9%*	*Pass*

Structure Rating – *(Controlling Utilization of all Components)*	**36.0%**

Recommendation:

The existing mounts are **SUFFICIENT** for the final loading configuration and do not require modifications.

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

Attachments:

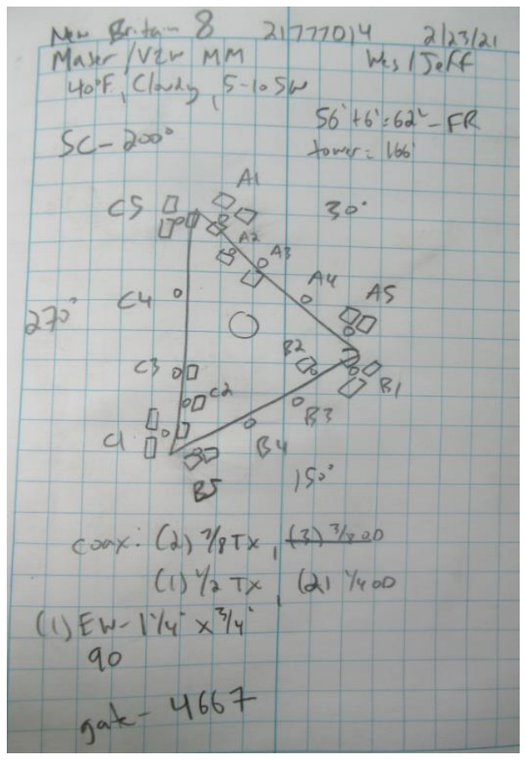
1. Mount Photos
2. Mount Mapping Report (for reference only)
3. Analysis Calculations
4. **Contractor Required Post Installation Inspection (PMI) Report Deliverables**
5. Antenna Placement Diagrams
6. TIA Adoption and Wind Speed Usage Letter

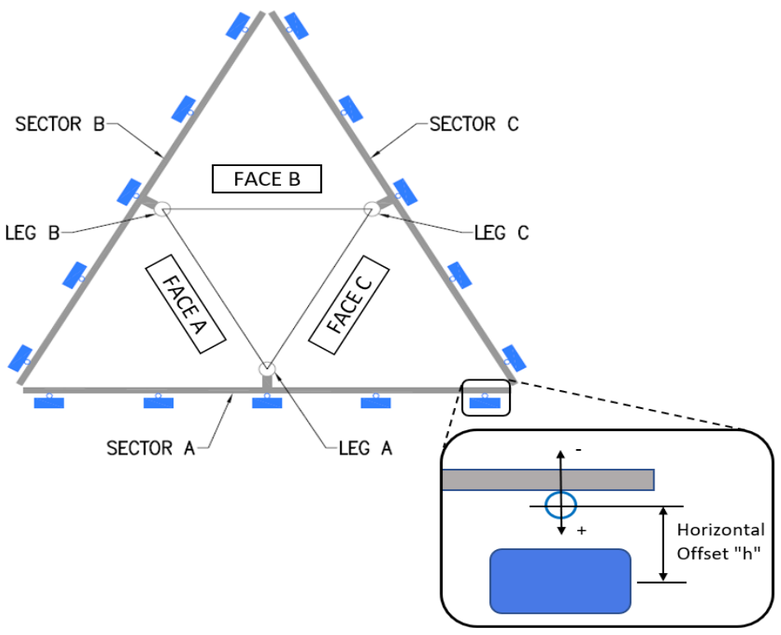
V3.0 Updated on 8-31-2020

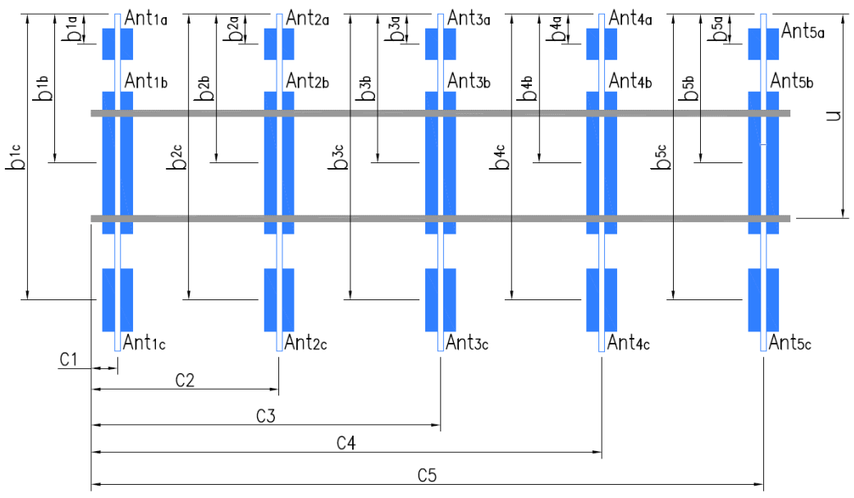
Antenna Mount Mapping Form (PATENT PENDING)

FCC #

Tower Owner:	Town of New Britain	**Mapping Date:**	2/23/2021
Site Name:	New Britain 8 CT	**Tower Type:**	Monopole
Site Number or ID:	16232065	**Tower Height (Ft.):**	166
Mapping Contractor:	Structural Components	**Mount Elevation (Ft.):**	62







Antenna Layout (Looking Out From Tower)

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	2-3/8 x 0.154 x 96	50.00	22.00	C1	2-3/8 x 0.154 x 96	50.00	22.00
A2	2-3/8 x 0.154 x 72 (inside)	50.00	44.00	C2	2-3/8 x 0.154 x 72 (inside)	50.00	43.00
A3	2-3/8 x 0.154 x 96	50.00	60.00	C3	2-3/8 x 0.154 x 96	50.00	60.00
A4	2-3/8 x 0.154 x 96	50.00	98.00	C4	2-3/8 x 0.154 x 96	50.00	99.00
A5	2-3/8 x 0.154 x 96	50.00	136.00	C5	2-3/8 x 0.154 x 96	50.00	136.00
A6				C6			
B1	2-3/8 x 0.154 x 96	50.00	22.00	D1			
B2	2-3/8 x 0.154 x 72 (inside)	50.00	42.00	D2			
B3	2-3/8 x 0.154 x 96	50.00	59.00	D3			
B4	2-3/8 x 0.154 x 96	50.00	102.00	D4			
B5	2-3/8 x 0.154 x 96	50.00	140.00	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.) :	
Distance from top of bottom support rail to highest tip of ant./eqpt. of Carrier below. (N/A if > 10 ft.) :	

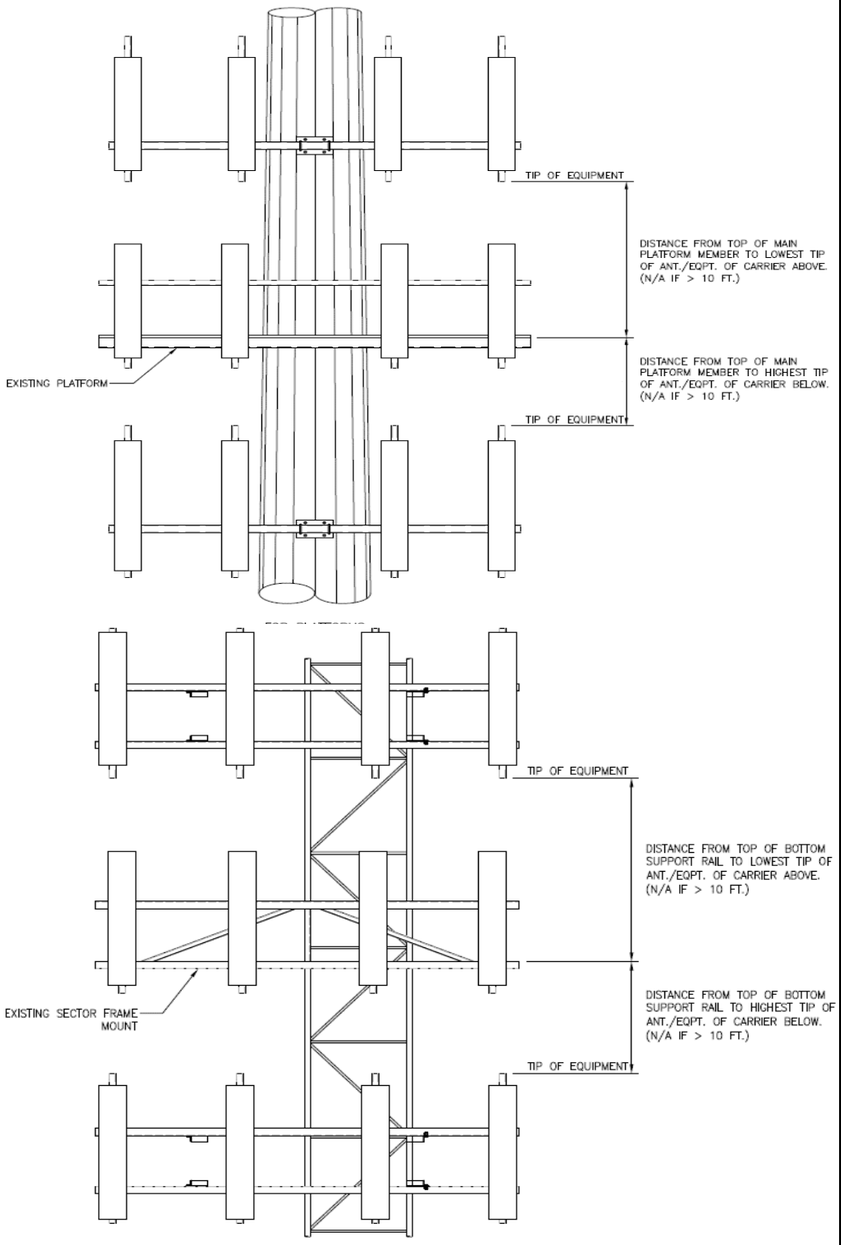
Please enter additional infomation or comments below.

Tower Face Width at Mount Elev. (ft.):		Tower Leg Size or Pole Shaft Diameter at Mount Elev. (in.):	44

Ants. Items	Enter antenna model. If not labeled, enter "Unknown". Antenna Models if Known	Width (in.)	Depth (in.)	Height (in.)	Coax Size and Qty	Antenna Center-line (Ft.)	Mounting Locations [Units are inches and degrees] Vertical Distances"b_{1a}, b_{2a}, b_{3a}, b_{1b}...." (Inches)	Horiz. Offset "h" (Use "-" if Ant. is behind)	Antenna Azimuth (Degrees)	Photos of antennas Photo Numbers
Sector A										
Ant_{1a}	Alcatel B13 RRH 4x30	12.00	7.50	20.00	Jumpers	64.5833	19.00	-4.00	30.00	230
Ant_{1b}	(2) Comm SDNHH-1D	12.00	7.00	73.00	Jumpers	62	50.00	12.00	50.00	17
Ant_{1c}	Nokia UHIE, B66A RR	12.00	7.00	25.50	Jumpers	60.4167	69.00	-5.00	30.00	29
Ant_{2a}										
Ant_{2b}	Nokia UHFA, B25 RRH	12.00	7.00	21.00	Jumpers	64.625	18.50	-11.00	30.00	239
Ant_{2c}										
Ant_{3a}	Raycap RC3-DC-3315-	15.00	11.00	19.00	) 1-1/4" C	63.9167	27.00	-5.00	30.00	253
Ant_{3b}										
Ant_{3c}										
Ant_{4a}										
Ant_{4b}	Empty					66.1667				262
Ant_{4c}										
Ant_{5a}										
Ant_{5b}	(2) Comm SDNHH-1D	12.00	7.00	73.00	Dead	62	50.00	12.00	50.00	263
Ant_{5c}										
Ant on Standoff										
Ant on Standoff										
Ant on Tower										
Ant on Tower										

Mount Azimuth (Degree) for Each Sector				Tower Leg Azimuth (Degree) for Each Sector	
Sector A:	30.00	Deg	Leg A:		Deg
Sector B:	150.00	Deg	Leg B:		Deg
Sector C:	270.00	Deg	Leg C:		Deg
Sector D:		Deg	Leg D:		Deg

Climbing Facility Information		
Location:	200.00 Deg	
Climbing Facility	Corrosion Type:	Good condition.
	Access:	Climbing path was unobstructed.
	Condition:	Good condition.



Sector B										
Ant_{1a}	Alcatel B13 RRH 4x30	12.00	7.50	20.00	Jumpers	64.5833	19.00	-4.00	150.00	276
Ant_{1b}	(2) Comm SDNHH-1D	12.00	7.00	73.00	Jumpers	62	50.00	12.00	170.00	22
Ant_{1c}	Nokia UHIE, B66A RR	12.00	7.00	25.50	Jumpers	60.4167	69.00	-5.00	150.00	30
Ant_{2a}										
Ant_{2b}	Nokia UHFA, B25 RRH	12.00	7.00	21.00	Jumpers	64.375	21.50	-11.00	150.00	278
Ant_{2c}										
Ant_{3a}	Empty					66.1667				287
Ant_{3b}										
Ant_{3c}										
Ant_{4a}										
Ant_{4b}	Empty					66.1667				288
Ant_{4c}										
Ant_{5a}										
Ant_{5b}	(2) Comm SDNHH-1D	12.00	7.00	73.00	Dead	62	50.00	12.00	170.00	292
Ant_{5c}										
Ant on Standoff										
Ant on Standoff										
Ant on Tower										
Ant on Tower										
Sector C										
Ant_{1a}	Alcatel B13 RRH 4x30	12.00	7.50	20.00	Jumpers	64.5833	19.00	-4.00	270.00	310
Ant_{1b}	(2) Comm SDNHH-1D	12.00	7.00	73.00	Jumpers	62.0833	49.00	12.00	290.00	24
Ant_{1c}	Nokia UHIE, B66A RR	12.00	7.00	25.50	Jumpers	60.4167	69.00	-5.00	270.00	32
Ant_{2a}										
Ant_{2b}	Nokia UHFA, B25 RRH	12.00	7.00	21.00	Jumpers	64.5833	19.00	-11.00	270.00	310
Ant_{2c}										
Ant_{3a}										
Ant_{3b}	Raycap RC3-DC-3315-	15.00	11.00	19.00	) 1-1/4" C	64.5	20.00	-5.00	270.00	310
Ant_{3c}										
Ant_{4a}										
Ant_{4b}	Empty					66.1667				
Ant_{4c}										
Ant_{5a}										
Ant_{5b}	(2) Comm SDNHH-1D	12.00	7.00	73.00	Dead	62.0833	49.00	12.00	290.00	24
Ant_{5c}										
Ant on Standoff										
Ant on Standoff										
Ant on Tower										
Ant on Tower										
Sector D										
Ant_{1a}										
Ant_{1b}										
Ant_{1c}										
Ant_{2a}										
Ant_{2b}										
Ant_{2c}										
Ant_{3a}										
Ant_{3b}										
Ant_{3c}										
Ant_{4a}										
Ant_{4b}										
Ant_{4c}										
Ant_{5a}										
Ant_{5b}										
Ant_{5c}										
Ant on Standoff										
Ant on Standoff										
Ant on Tower										
Ant on Tower										

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

1		
2		
3		
4		
5		
6		
7		
8		

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

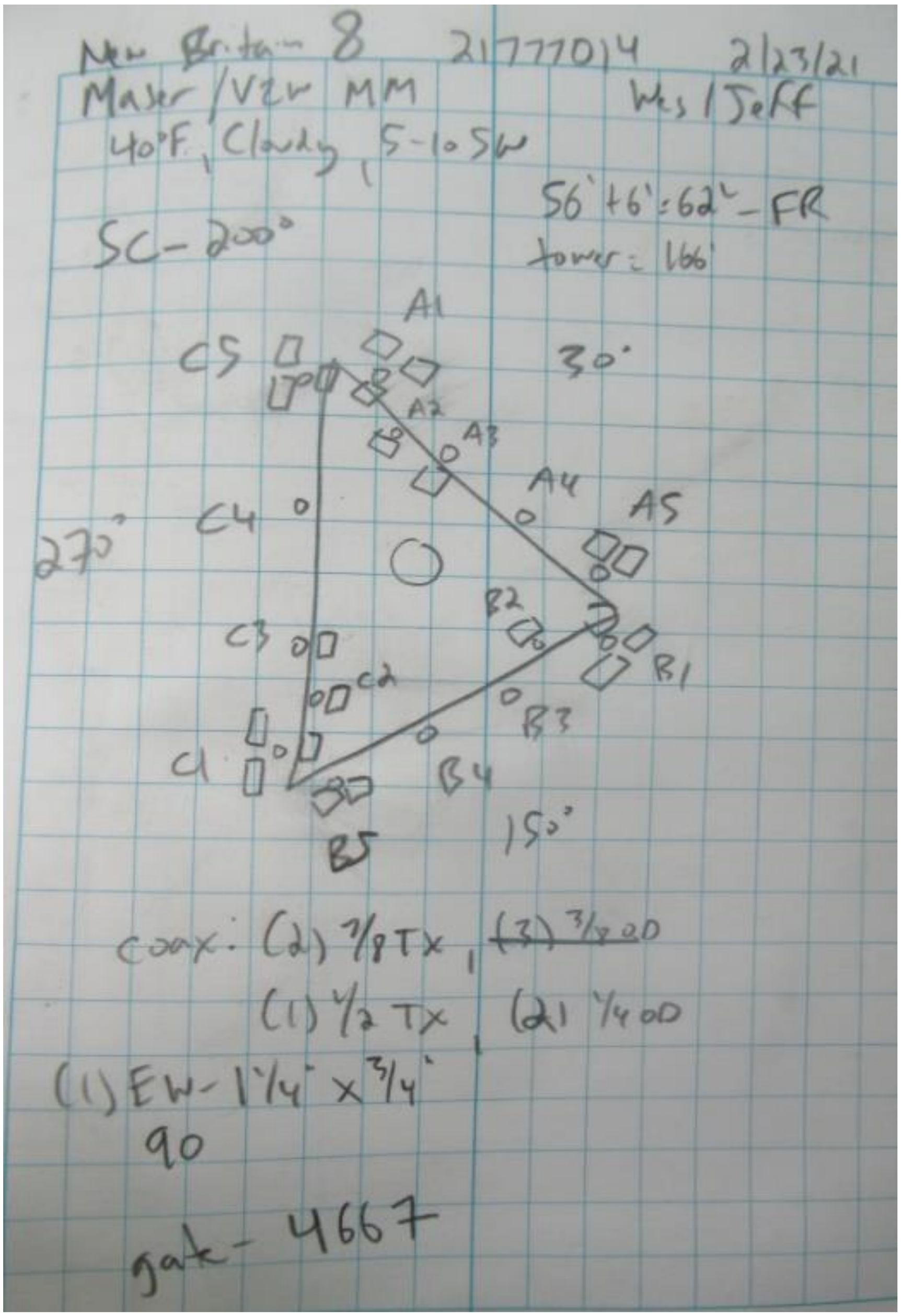
V3.0 Updated on 8-31-2020

Antenna Mount Mapping Form (PATENT PENDING)

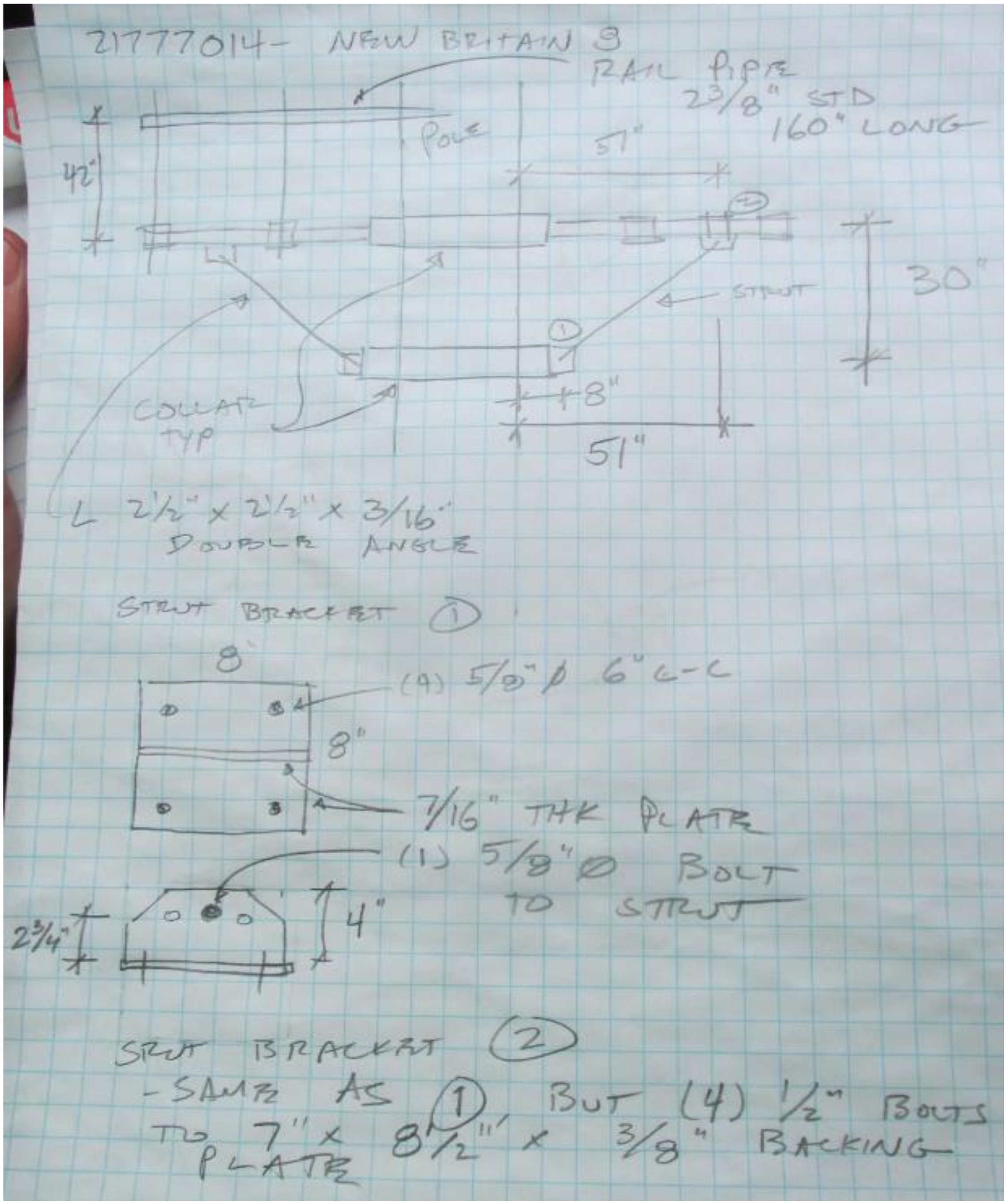
FCC #	

Tower Owner:	Town of New Britain	**Mapping Date:**	2/23/2021
Site Name:	New Britain 8 CT	**Tower Type:**	Monopole
Site Number or ID:	16232065	**Tower Height (Ft.):**	166
Mapping Contractor:	Structural Components	**Mount Elevation (Ft.):**	62

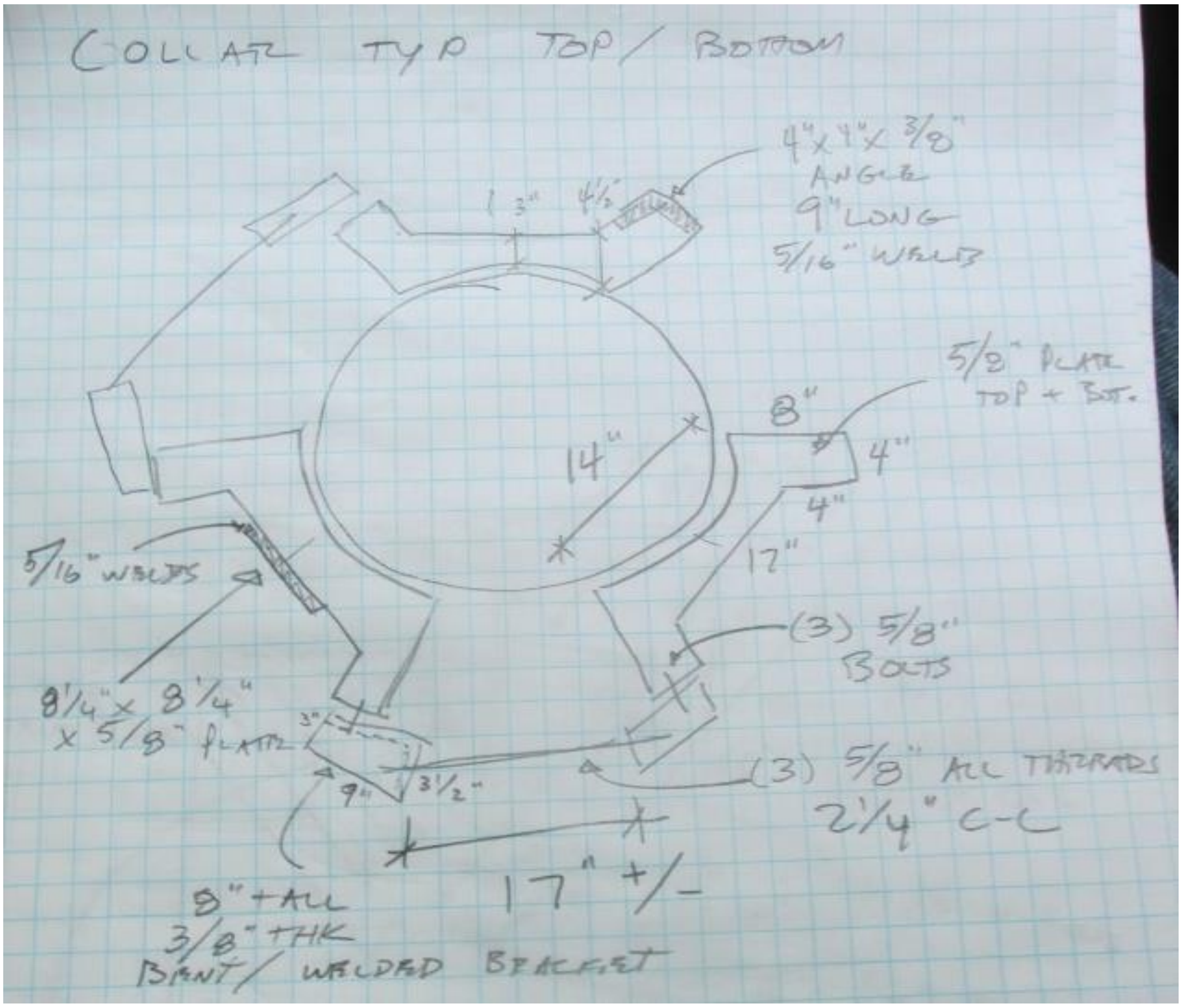
Please Insert Sketches of the Antenna Mount

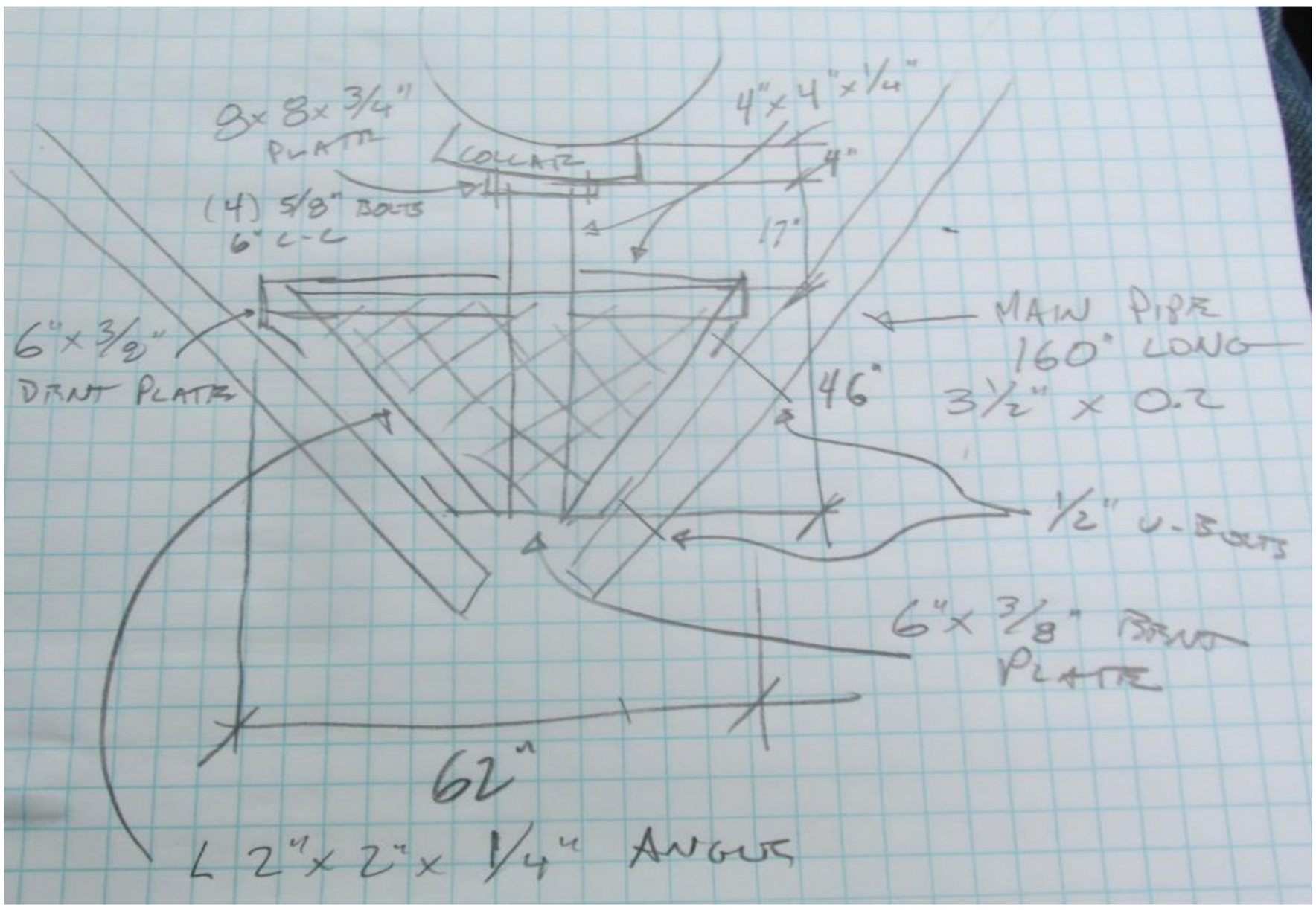


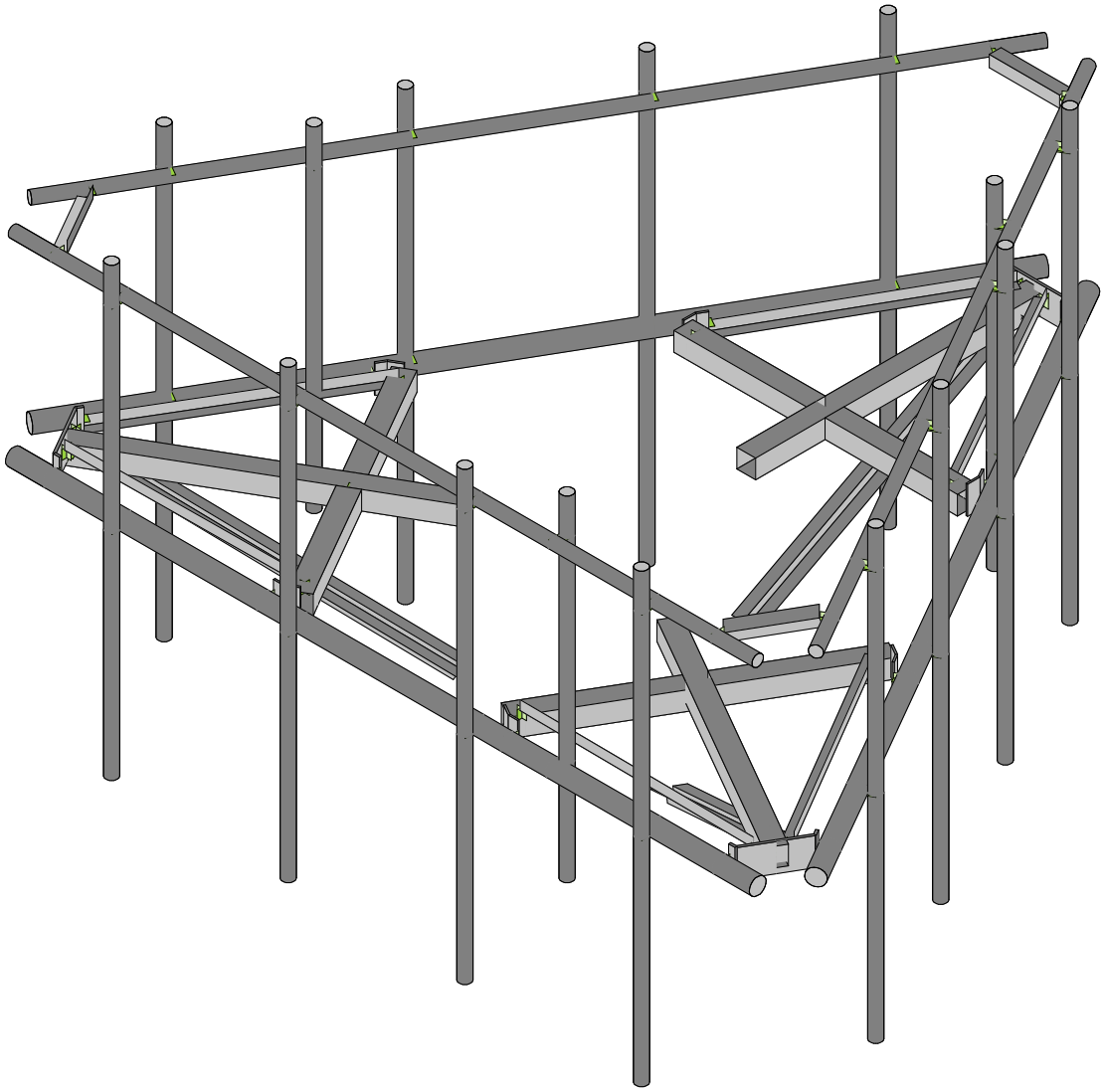
Please Insert Sketches of the Antenna Mount, cont'd



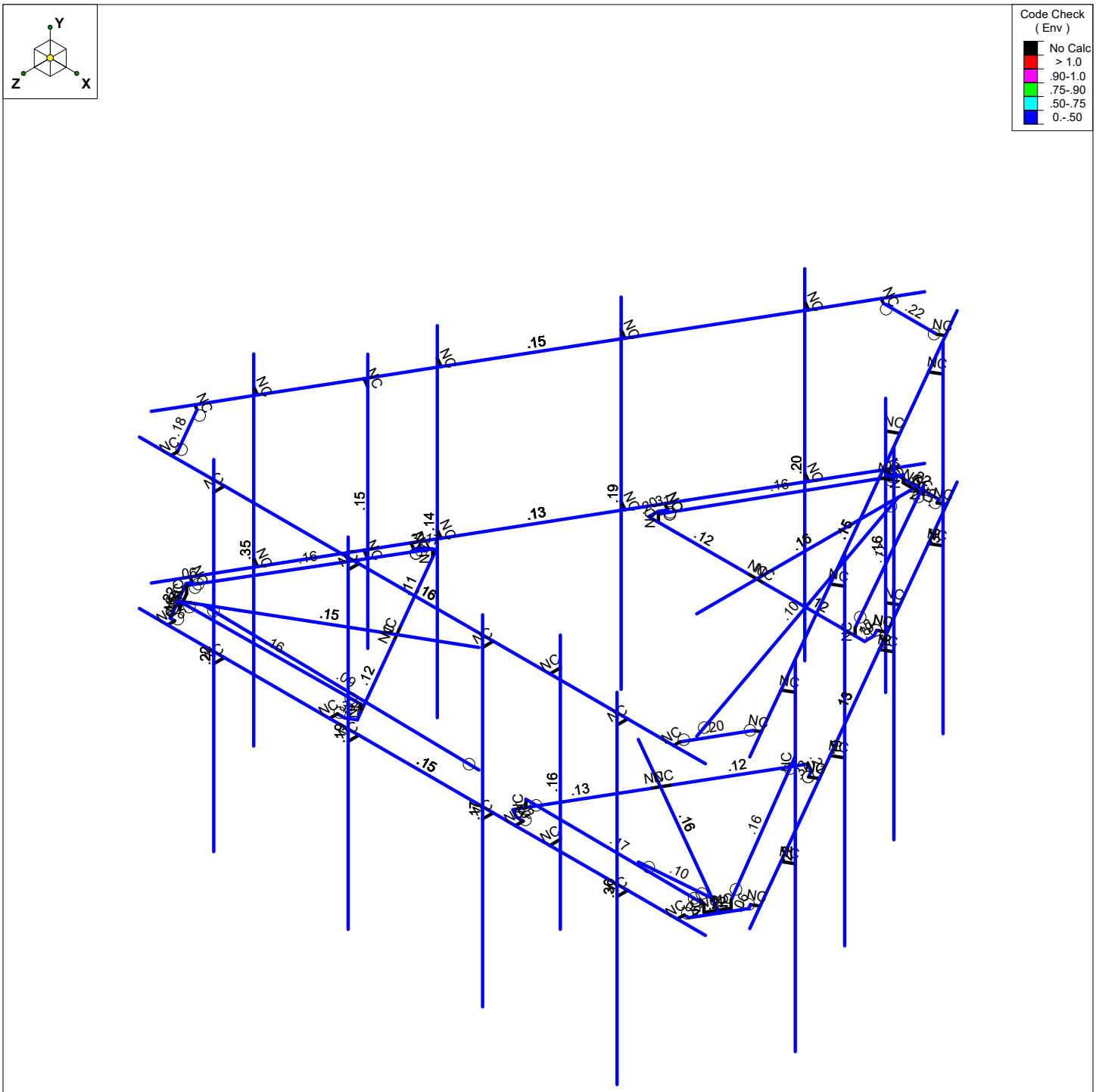
Please Insert Sketches of the Antenna Mount, cont'd





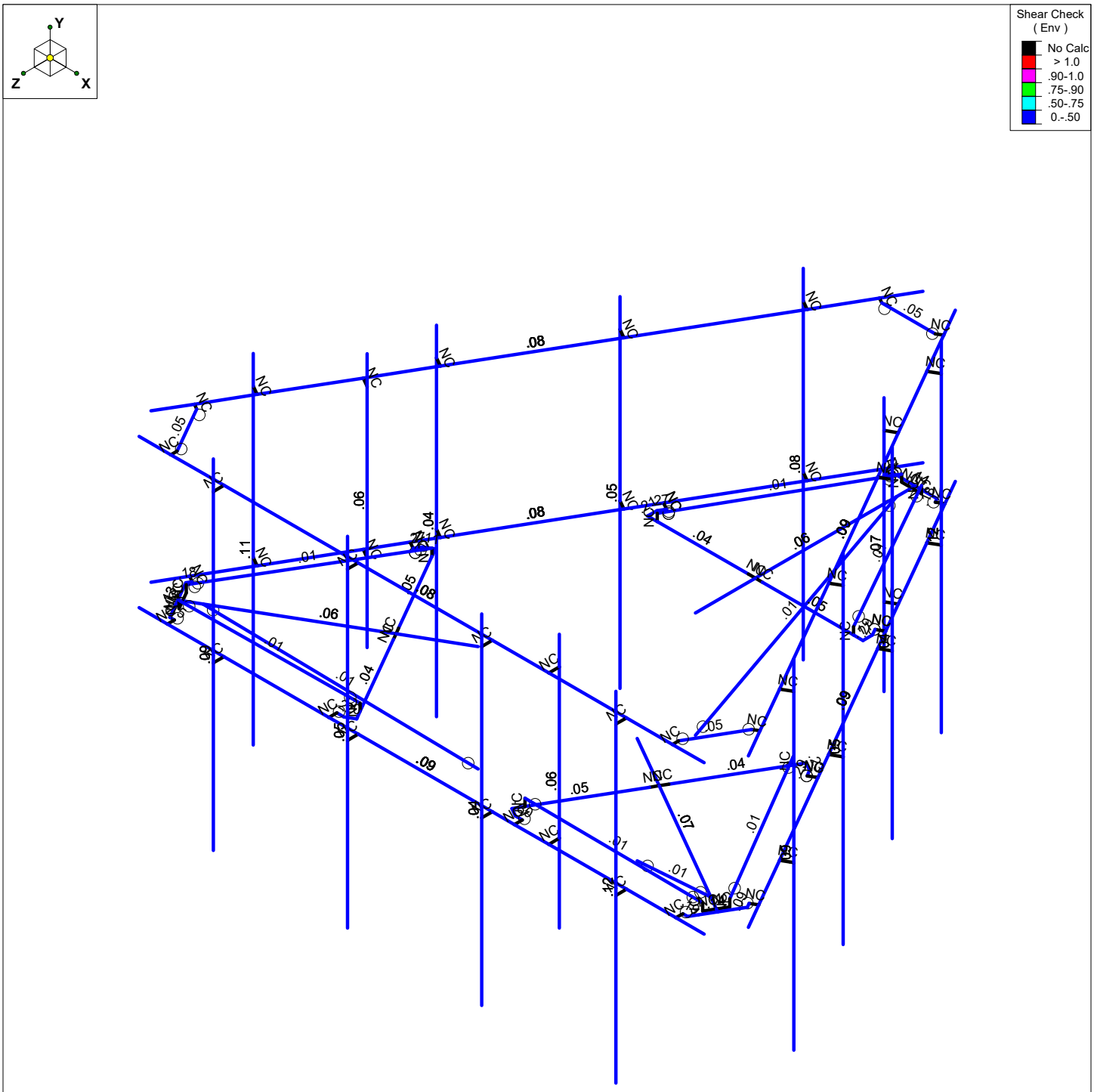


		SK - 1
		Mar 12, 2021 at 5:12 PM
		470601-VZW_MT_LO_H.r3d



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

		SK - 2
		Mar 12, 2021 at 5:12 PM
		470601-VZW_MT_LO_H.r3d



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

		SK - 3
		Mar 12, 2021 at 5:12 PM
		470601-VZW_MT_LO_H.r3d

Basic Load Cases

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed	Area(Me...	Surface(P...
1	Antenna D	None					96			
2	Antenna Di	None					96			
3	Antenna Wo (0 Deg)	None					96			
4	Antenna Wo (30 Deg)	None					96			
5	Antenna Wo (60 Deg)	None					96			
6	Antenna Wo (90 Deg)	None					96			
7	Antenna Wo (120 Deg)	None					96			
8	Antenna Wo (150 Deg)	None					96			
9	Antenna Wo (180 Deg)	None					96			
10	Antenna Wo (210 Deg)	None					96			
11	Antenna Wo (240 Deg)	None					96			
12	Antenna Wo (270 Deg)	None					96			
13	Antenna Wo (300 Deg)	None					96			
14	Antenna Wo (330 Deg)	None					96			
15	Antenna Wi (0 Deg)	None					96			
16	Antenna Wi (30 Deg)	None					96			
17	Antenna Wi (60 Deg)	None					96			
18	Antenna Wi (90 Deg)	None					96			
19	Antenna Wi (120 Deg)	None					96			
20	Antenna Wi (150 Deg)	None					96			
21	Antenna Wi (180 Deg)	None					96			
22	Antenna Wi (210 Deg)	None					96			
23	Antenna Wi (240 Deg)	None					96			
24	Antenna Wi (270 Deg)	None					96			
25	Antenna Wi (300 Deg)	None					96			
26	Antenna Wi (330 Deg)	None					96			
27	Antenna Wm (0 Deg)	None					96			
28	Antenna Wm (30 Deg)	None					96			
29	Antenna Wm (60 Deg)	None					96			
30	Antenna Wm (90 Deg)	None					96			
31	Antenna Wm (120 Deg)	None					96			
32	Antenna Wm (150 Deg)	None					96			
33	Antenna Wm (180 Deg)	None					96			
34	Antenna Wm (210 Deg)	None					96			
35	Antenna Wm (240 Deg)	None					96			
36	Antenna Wm (270 Deg)	None					96			
37	Antenna Wm (300 Deg)	None					96			
38	Antenna Wm (330 Deg)	None					96			
39	Structure D	None		-1					3	
40	Structure Di	None						63	3	
41	Structure Wo (0 Deg)	None						126		
42	Structure Wo (30 Deg)	None						126		
43	Structure Wo (60 Deg)	None						126		
44	Structure Wo (90 Deg)	None						126		
45	Structure Wo (120 D...	None						126		
46	Structure Wo (150 D...	None						126		
47	Structure Wo (180 D...	None						126		
48	Structure Wo (210 D...	None						126		
49	Structure Wo (240 D...	None						126		
50	Structure Wo (270 D...	None						126		
51	Structure Wo (300 D...	None						126		
52	Structure Wo (330 D...	None						126		
53	Structure Wi (0 Deg)	None						126		
54	Structure Wi (30 Deg)	None						126		
55	Structure Wi (60 Deg)	None						126		
56	Structure Wi (90 Deg)	None						126		

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						126		
58	Structure Wi (150 De...	None						126		
59	Structure Wi (180 De...	None						126		
60	Structure Wi (210 De...	None						126		
61	Structure Wi (240 De...	None						126		
62	Structure Wi (270 De...	None						126		
63	Structure Wi (300 De...	None						126		
64	Structure Wi (330 De...	None						126		
65	Structure Wm (0 Deg)	None						126		
66	Structure Wm (30 De...	None						126		
67	Structure Wm (60 De...	None						126		
68	Structure Wm (90 De...	None						126		
69	Structure Wm (120 D...	None						126		
70	Structure Wm (150 D...	None						126		
71	Structure Wm (180 D...	None						126		
72	Structure Wm (210 D...	None						126		
73	Structure Wm (240 D...	None						126		
74	Structure Wm (270 D...	None						126		
75	Structure Wm (300 D...	None						126		
76	Structure Wm (330 D...	None						126		
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	S...	PDelta	S...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...
1	1.2D+1.0Wo (0 Deg)	Yes	Y		1	1.2	39	1.2	3	1	41	1														
2	1.2D+1.0Wo (30 Deg)	Yes	Y		1	1.2	39	1.2	4	1	42	1														
3	1.2D+1.0Wo (60 Deg)	Yes	Y		1	1.2	39	1.2	5	1	43	1														
4	1.2D+1.0Wo (90 Deg)	Yes	Y		1	1.2	39	1.2	6	1	44	1														
5	1.2D+1.0Wo (120 Deg)	Yes	Y		1	1.2	39	1.2	7	1	45	1														
6	1.2D+1.0Wo (150 Deg)	Yes	Y		1	1.2	39	1.2	8	1	46	1														
7	1.2D+1.0Wo (180 Deg)	Yes	Y		1	1.2	39	1.2	9	1	47	1														
8	1.2D+1.0Wo (210 Deg)	Yes	Y		1	1.2	39	1.2	10	1	48	1														
9	1.2D+1.0Wo (240 Deg)	Yes	Y		1	1.2	39	1.2	11	1	49	1														
10	1.2D+1.0Wo (270 Deg)	Yes	Y		1	1.2	39	1.2	12	1	50	1														
11	1.2D+1.0Wo (300 Deg)	Yes	Y		1	1.2	39	1.2	13	1	51	1														
12	1.2D+1.0Wo (330 Deg)	Yes	Y		1	1.2	39	1.2	14	1	52	1														
13	1.2D + 1.0Di + 1.0Wi (0 Deg)	Yes	Y		1	1.2	39	1.2	2	1	40	1	15	1	53	1										
14	1.2D + 1.0Di + 1.0Wi (30 Deg)	Yes	Y		1	1.2	39	1.2	2	1	40	1	16	1	54	1										
15	1.2D + 1.0Di + 1.0Wi (60 Deg)	Yes	Y		1	1.2	39	1.2	2	1	40	1	17	1	55	1										
16	1.2D + 1.0Di + 1.0Wi (90 Deg)	Yes	Y		1	1.2	39	1.2	2	1	40	1	18	1	56	1										
17	1.2D + 1.0Di + 1.0Wi (120 Deg)	Yes	Y		1	1.2	39	1.2	2	1	40	1	19	1	57	1										
18	1.2D + 1.0Di + 1.0Wi (150 Deg)	Yes	Y		1	1.2	39	1.2	2	1	40	1	20	1	58	1										
19	1.2D + 1.0Di + 1.0Wi (180 Deg)	Yes	Y		1	1.2	39	1.2	2	1	40	1	21	1	59	1										
20	1.2D + 1.0Di + 1.0Wi (210 Deg)	Yes	Y		1	1.2	39	1.2	2	1	40	1	22	1	60	1										
21	1.2D + 1.0Di + 1.0Wi (240 Deg)	Yes	Y		1	1.2	39	1.2	2	1	40	1	23	1	61	1										
22	1.2D + 1.0Di + 1.0Wi (270 Deg)	Yes	Y		1	1.2	39	1.2	2	1	40	1	24	1	62	1										
23	1.2D + 1.0Di + 1.0Wi (300 Deg)	Yes	Y		1	1.2	39	1.2	2	1	40	1	25	1	63	1										
24	1.2D + 1.0Di + 1.0Wi (330 Deg)	Yes	Y		1	1.2	39	1.2	2	1	40	1	26	1	64	1										
25	1.2D + 1.5Lm1 + 1.0Wm (0 De...	Yes	Y		1	1.2	39	1.2	77	1.5	27	1	65	1												
26	1.2D + 1.5Lm1 + 1.0Wm (30 D...	Yes	Y		1	1.2	39	1.2	77	1.5	28	1	66	1												

Load Combinations (Continued)

	Description	S...	PDelta	S...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...
27	1.2D + 1.5Lm1 + 1.0Wm (60 D..	Yes	Y		1	1.2	39	1.2	77	1.5	29	1	67	1										
28	1.2D + 1.5Lm1 + 1.0Wm (90 D..	Yes	Y		1	1.2	39	1.2	77	1.5	30	1	68	1										
29	1.2D + 1.5Lm1 + 1.0Wm (120 ...	Yes	Y		1	1.2	39	1.2	77	1.5	31	1	69	1										
30	1.2D + 1.5Lm1 + 1.0Wm (150 ...	Yes	Y		1	1.2	39	1.2	77	1.5	32	1	70	1										
31	1.2D + 1.5Lm1 + 1.0Wm (180 ...	Yes	Y		1	1.2	39	1.2	77	1.5	33	1	71	1										
32	1.2D + 1.5Lm1 + 1.0Wm (210 ...	Yes	Y		1	1.2	39	1.2	77	1.5	34	1	72	1										
33	1.2D + 1.5Lm1 + 1.0Wm (240 ...	Yes	Y		1	1.2	39	1.2	77	1.5	35	1	73	1										
34	1.2D + 1.5Lm1 + 1.0Wm (270 ...	Yes	Y		1	1.2	39	1.2	77	1.5	36	1	74	1										
35	1.2D + 1.5Lm1 + 1.0Wm (300 ...	Yes	Y		1	1.2	39	1.2	77	1.5	37	1	75	1										
36	1.2D + 1.5Lm1 + 1.0Wm (330 ...	Yes	Y		1	1.2	39	1.2	77	1.5	38	1	76	1										
37	1.2D + 1.5Lm2 + 1.0Wm (0 De..	Yes	Y		1	1.2	39	1.2	78	1.5	27	1	65	1										
38	1.2D + 1.5Lm2 + 1.0Wm (30 D..	Yes	Y		1	1.2	39	1.2	78	1.5	28	1	66	1										
39	1.2D + 1.5Lm2 + 1.0Wm (60 D..	Yes	Y		1	1.2	39	1.2	78	1.5	29	1	67	1										
40	1.2D + 1.5Lm2 + 1.0Wm (90 D..	Yes	Y		1	1.2	39	1.2	78	1.5	30	1	68	1										
41	1.2D + 1.5Lm2 + 1.0Wm (120 ...	Yes	Y		1	1.2	39	1.2	78	1.5	31	1	69	1										
42	1.2D + 1.5Lm2 + 1.0Wm (150 ...	Yes	Y		1	1.2	39	1.2	78	1.5	32	1	70	1										
43	1.2D + 1.5Lm2 + 1.0Wm (180 ...	Yes	Y		1	1.2	39	1.2	78	1.5	33	1	71	1										
44	1.2D + 1.5Lm2 + 1.0Wm (210 ...	Yes	Y		1	1.2	39	1.2	78	1.5	34	1	72	1										
45	1.2D + 1.5Lm2 + 1.0Wm (240 ...	Yes	Y		1	1.2	39	1.2	78	1.5	35	1	73	1										
46	1.2D + 1.5Lm2 + 1.0Wm (270 ...	Yes	Y		1	1.2	39	1.2	78	1.5	36	1	74	1										
47	1.2D + 1.5Lm2 + 1.0Wm (300 ...	Yes	Y		1	1.2	39	1.2	78	1.5	37	1	75	1										
48	1.2D + 1.5Lm2 + 1.0Wm (330 ...	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 + 1.0Eh (0 Deg)		Y		1	1.2	39	1.2	SX		SY	1	SZ	-1										
54	1.2D + 1.0Ev + 1.0Eh (30 Deg)		Y		1	1.2	39	1.2	SX	.5	SY	1	SZ	-.8...										
55	1.2D + 1.0Ev + 1.0Eh (60 Deg)		Y		1	1.2	39	1.2	SX	.866	SY	1	SZ	-.5										
56	1.2D + 1.0Ev + 1.0Eh (90 Deg)		Y		1	1.2	39	1.2	SX	1	SY	1	SZ											
57	1.2D + 1.0Ev + 1.0Eh (120 Deg)		Y		1	1.2	39	1.2	SX	.866	SY	1	SZ	.5										
58	1.2D + 1.0Ev + 1.0Eh (150 Deg)		Y		1	1.2	39	1.2	SX	.5	SY	1	SZ	.866										
59	1.2D + 1.0Ev + 1.0Eh (180 Deg)		Y		1	1.2	39	1.2	SX		SY	1	SZ	1										
60	1.2D + 1.0Ev + 1.0Eh (210 Deg)		Y		1	1.2	39	1.2	SX	-.5	SY	1	SZ	.866										
61	1.2D + 1.0Ev + 1.0Eh (240 Deg)		Y		1	1.2	39	1.2	SX	-.8...	SY	1	SZ	.5										
62	1.2D + 1.0Ev + 1.0Eh (270 Deg)		Y		1	1.2	39	1.2	SX	-1	SY	1	SZ											
63	1.2D + 1.0Ev + 1.0Eh (300 Deg)		Y		1	1.2	39	1.2	SX	-.8...	SY	1	SZ	-.5										
64	1.2D + 1.0Ev + 1.0Eh (330 Deg)		Y		1	1.2	39	1.2	SX	-.5	SY	1	SZ	-.8...										

Joint Coordinates and Temperatures

	Label	X [in]	Y [in]	Z [in]	Temp [F]	Detach From Diap...
1	N1	80	0	51.476279	0	
2	N2	-80	0	51.476279	0	
3	N3	-0.	0	-26.	0	
4	N5	-30.5	0	-43	0	
5	N6	27.78125	2	-43	0	
6	N7	-27.78125	2	-43	0	
7	N8	58.	0	51.476279	0	
8	N9	58.	0	54.476279	0	
9	N22	58.	-46	54.476279	0	
10	N23	58.	50	54.476279	0	
11	N24	-0.	0	-43	0	
12	N27	-0.	0	-88.25	0	
13	CP	0	0	0	0	
14	N29	27.78125	0	-43	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [in]	Y [in]	Z [in]	Temp [F]	Detach From Diap...
15	N30	-27.78125	0	-43	0	
16	N101	30.5	0	-43	0	
17	N102	-2.	0	-43	0	
18	N103A	2	0	-43	0	
19	N104A	-30.5	0	-45.625	0	
20	N105	30.5	0	-45.625	0	
21	N131	29.5	0	-47.357051	0	
22	N135	6.859375	0	-87.086278	0	
23	N144	-29.5	0	-47.357051	0	
24	N148	-6.859375	0	-87.086278	0	
25	N86A	31.015548	0	-48.232053	0	
26	N86B	-31.015548	0	-48.232053	0	
27	N86C	-6.1875	0	-88.25	0	
28	N87A	6.1875	0	-88.25	0	
29	N86D	8.585144	0	-88.082652	0	
30	N86E	-8.585144	0	-88.082652	0	
31	N88A	-0.	0	-87.25	0	
32	N87C	2.810851	2	-87.25	0	
33	N86G	2.810851	0	-87.25	0	
34	N87B	-2.810851	2	-87.25	0	
35	N88C	-2.810851	0	-87.25	0	
36	N36	-0.	-30	-26.	0	
37	N37	-0.	0	-83.	0	
38	N38	80	42	51.476279	0	
39	N39	-80	42	51.476279	0	
40	N40	58.	42	51.476279	0	
41	N41	58.	42	54.476279	0	
42	N42	71	42	51.476279	0	
43	N43	-71	42	51.476279	0	
44	N44	71	42	49.726279	0	
45	N45	-71	42	49.726279	0	
46	N46	4.579765	0	-95.020172	0	
47	N47	84.579765	0	43.543893	0	
48	N48	-22.51666	0	13	0	
49	N49	-21.989092	0	47.913775	0	
50	N50	-51.129717	2	-2.559268	0	
51	N51	-23.348467	2	45.559268	0	
52	N56	-37.239092	0	21.5	0	
53	N57	-76.426742	0	44.125	0	
54	N59	-51.129717	0	-2.559268	0	
55	N60	-23.348467	0	45.559268	0	
56	N61	-52.489092	0	-4.913775	0	
57	N62	-36.239092	0	23.232051	0	
58	N63	-38.239092	0	19.767949	0	
59	N64	-24.262409	0	49.226275	0	
60	N65	-54.762409	0	-3.601275	0	
61	N66	-55.762409	0	-1.869224	0	
62	N67	-78.848617	0	37.602746	0	
63	N68	-26.262409	0	49.226275	0	
64	N69	-71.989242	0	49.483532	0	
65	N70	-57.277957	0	-2.744226	0	
66	N71	-26.262409	0	51.476279	0	
67	N72	-73.332992	0	49.483532	0	
68	N73	-79.520492	0	38.766468	0	
69	N74	-80.574386	0	36.606373	0	
70	N75	-71.989242	0	51.476279	0	
71	N76	-75.560716	0	43.625	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [in]	Y [in]	Z [in]	Temp [F]	Detach From Diap...
72	N77	-76.966142	2	41.190732	0	
73	N78	-76.966142	0	41.190732	0	
74	N79	-74.155291	2	46.059268	0	
75	N80	-74.155291	0	46.059268	0	
76	N81	-22.51666	-30	13	0	
77	N82	-71.880109	0	41.5	0	
78	N83	4.579765	42	-95.020172	0	
79	N84	84.579765	42	43.543893	0	
80	N87	9.079765	42	-87.225943	0	
81	N88	80.079765	42	35.749664	0	
82	N89	7.564221	42	-86.350943	0	
83	N90	78.564221	42	36.624664	0	
84	N91	-84.579765	0	43.543893	0	
85	N92	-4.579765	0	-95.020172	0	
86	N93	22.51666	0	13	0	
87	N94	52.489092	0	-4.913775	0	
88	N95	23.348467	2	45.559268	0	
89	N96	51.129717	2	-2.559268	0	
90	N101A	37.239092	0	21.5	0	
91	N102A	76.426742	0	44.125	0	
92	N104	23.348467	0	45.559268	0	
93	N105A	51.129717	0	-2.559268	0	
94	N106	21.989092	0	47.913775	0	
95	N107	38.239092	0	19.767949	0	
96	N108	36.239092	0	23.232051	0	
97	N109	54.762409	0	-3.601275	0	
98	N110	24.262409	0	49.226275	0	
99	N111	26.262409	0	49.226275	0	
100	N112	71.989242	0	49.483532	0	
101	N113	55.762409	0	-1.869224	0	
102	N114	78.848617	0	37.602746	0	
103	N115	26.262409	0	51.476279	0	
104	N116	57.277957	0	-2.744226	0	
105	N117	79.520492	0	38.766468	0	
106	N118	73.332992	0	49.483532	0	
107	N119	71.989242	0	51.476279	0	
108	N120	80.574386	0	36.606373	0	
109	N121	75.560716	0	43.625	0	
110	N122	74.155291	2	46.059268	0	
111	N123	74.155291	0	46.059268	0	
112	N124	76.966142	2	41.190732	0	
113	N125	76.966142	0	41.190732	0	
114	N126	22.51666	-30	13	0	
115	N127	71.880109	0	41.5	0	
116	N128	-84.579765	42	43.543893	0	
117	N129	-4.579765	42	-95.020172	0	
118	N132	-80.079765	42	35.749664	0	
119	N133	-9.079765	42	-87.225943	0	
120	N134	-78.564221	42	36.624664	0	
121	N135A	-7.564221	42	-86.350943	0	
122	N122A	36	0	51.476279	0	
123	N123A	36	0	48.476279	0	
124	N124A	36	-22	48.476279	0	
125	N125A	36	50	48.476279	0	
126	N126A	36	42	51.476279	0	
127	N127A	36	42	48.476279	0	
128	N128A	20	0	51.476279	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [in]	Y [in]	Z [in]	Temp [F]	Detach From Diap...
129	N129A	20	0	54.476279	0	
130	N130	20	-46	54.476279	0	
131	N131A	20	50	54.476279	0	
132	N132A	20	42	51.476279	0	
133	N133A	20	42	54.476279	0	
134	N134A	-18	0	51.476279	0	
135	N135B	-18	0	54.476279	0	
136	N136	-18	-46	54.476279	0	
137	N137	-18	50	54.476279	0	
138	N138	-18	42	51.476279	0	
139	N139	-18	42	54.476279	0	
140	N140	-56.	0	51.476279	0	
141	N141	-56.	0	54.476279	0	
142	N142	-56.	-46	54.476279	0	
143	N143	-56.	50	54.476279	0	
144	N144A	-56.	42	51.476279	0	
145	N145	-56.	42	54.476279	0	
146	N146	15.579765	0	-75.967613	0	
147	N147	18.177842	0	-77.467613	0	
148	N148A	18.177842	-46	-77.467613	0	
149	N149	18.177842	50	-77.467613	0	
150	N150	15.579765	42	-75.967613	0	
151	N151	18.177842	42	-77.467613	0	
152	N152	26.579765	0	-56.915054	0	
153	N153	23.981689	0	-55.415054	0	
154	N154	23.981689	-22	-55.415054	0	
155	N155	23.981689	50	-55.415054	0	
156	N156	26.579765	42	-56.915054	0	
157	N157	23.981689	42	-55.415054	0	
158	N158	34.579765	0	-43.058648	0	
159	N159	37.177842	0	-44.558648	0	
160	N160	37.177842	-46	-44.558648	0	
161	N161	37.177842	50	-44.558648	0	
162	N162	34.579765	42	-43.058648	0	
163	N163	37.177842	42	-44.558648	0	
164	N164	53.579765	0	-10.149682	0	
165	N165	56.177842	0	-11.649682	0	
166	N166	56.177842	-46	-11.649682	0	
167	N167	56.177842	50	-11.649682	0	
168	N168	53.579765	42	-10.149682	0	
169	N169	56.177842	42	-11.649682	0	
170	N170	72.579765	0	22.759283	0	
171	N171	75.177842	0	21.259283	0	
172	N172	75.177842	-46	21.259283	0	
173	N173	75.177842	50	21.259283	0	
174	N174	72.579765	42	22.759283	0	
175	N175	75.177842	42	21.259283	0	
176	N176	-73.579765	0	24.491334	0	
177	N177	-76.177842	0	22.991334	0	
178	N178	-76.177842	-46	22.991334	0	
179	N179	-76.177842	50	22.991334	0	
180	N180	-73.579765	42	24.491334	0	
181	N181	-76.177842	42	22.991334	0	
182	N182	-62.579765	0	5.438775	0	
183	N183	-59.981689	0	6.938775	0	
184	N184	-59.981689	-22	6.938775	0	
185	N185	-59.981689	50	6.938775	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [in]	Y [in]	Z [in]	Temp [F]	Detach From Diap...
186	N186	-62.579765	42	5.438775	0	
187	N187	-59.981689	42	6.938775	0	
188	N188	-54.579765	0	-8.417631	0	
189	N189	-57.177842	0	-9.917632	0	
190	N190	-57.177842	-46	-9.917632	0	
191	N191	-57.177842	50	-9.917632	0	
192	N192	-54.579765	42	-8.417631	0	
193	N193	-57.177842	42	-9.917632	0	
194	N194	-35.579765	0	-41.326597	0	
195	N195	-38.177842	0	-42.826597	0	
196	N196	-38.177842	-46	-42.826597	0	
197	N197	-38.177842	50	-42.826597	0	
198	N198	-35.579765	42	-41.326597	0	
199	N199	-38.177842	42	-42.826597	0	
200	N200	-16.579765	0	-74.235562	0	
201	N201	-19.177842	0	-75.735562	0	
202	N202	-19.177842	-46	-75.735562	0	
203	N203	-19.177842	50	-75.735562	0	
204	N204	-16.579765	42	-74.235562	0	
205	N205	-19.177842	42	-75.735562	0	
206	N207	57.71097	0	-2.994226	0	
207	N209	31.448561	0	-48.482053	0	
208	N211	-31.448561	0	-48.482053	0	
209	N213	-57.71097	0	-2.994226	0	

Hot Rolled Steel Section Sets

	Label	Shape	Type	Design List	Material	Design R...	A [in2]	Iyy [in4]	Izz [in4]	J [in4]
1	Face Horizontal	PIPE_3.0	Beam	Pipe	A53 Gr.B	Typical	2.07	2.85	2.85	5.69
2	Support Rail	PIPE_2.0	Beam	Pipe	A53 Gr.B	Typical	1.02	.627	.627	1.25
3	Standoff Horizontal	HSS4X4X4	Beam	SquareTube	A500 Gr.B Rect	Typical	3.37	7.8	7.8	12.8
4	Corner Plate	PL1/2X6	Beam	BAR	A36 Gr.36	Typical	3	.063	9	.237
5	Platform Crossme...	HSS4X4X4	Beam	SquareTube	A500 Gr.B Rect	Typical	3.37	7.8	7.8	12.8
6	Grating Support	L2x2x3	Beam	Single Angle	A36 Gr.36	Typical	.722	.271	.271	.009
7	Support Rail Angle	L2.5x2.5x4	Beam	Single Angle	A36 Gr.36	Typical	1.19	.692	.692	.026
8	Kicker	LL2.5x2.5x3x6	Beam	Single Angle	A36 Gr.36	Typical	1.8	3.09	1.07	.023
9	Mount Pipe	PIPE_2.0	Column	Pipe	A53 Gr.B	Typical	1.02	.627	.627	1.25
10	Cross Arm Plate	PL3/8x6	Column	RECT	A36 Gr.36	Typical	2.25	.026	6.75	.101

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	Type	Design List	Material	Design Rules
1	FACE	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	LIVE1	N8	N9			RIGID	None	None	RIGID	Typical
5	MP1A	N23	N22			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
6	M43	N102	N5			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
7	M46	N86C	N87A			Corner Plate	Beam	BAR	A36 Gr.36	Typical
8	M35A	N7	N30			RIGID	None	None	RIGID	Typical
9	M36A	N6	N29			RIGID	None	None	RIGID	Typical
10	M51B	N87C	N6			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
11	M52B	N7	N87B			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
12	M52	N87B	N88C			RIGID	None	None	RIGID	Typical
13	M58	N102	N24			RIGID	None	None	RIGID	Typical
14	M59	N24	N103A			RIGID	None	None	RIGID	Typical
15	M76	N101	N105			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
16	M77	N105	N131			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
17	M80	N87A	N135			Corner Plate	Beam	BAR	A36 Gr.36	Typical
18	M83	N135	N86D			RIGID	None	None	RIGID	Typical
19	M84	N5	N104A			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
20	M85	N104A	N144			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
21	M91	N86C	N148			Corner Plate	Beam	BAR	A36 Gr.36	Typical
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	M28	N36	N37			Kicker	Beam	Single Angle	A36 Gr.36	Typical
27	M29	N38	N39			Support Rail	Beam	Pipe	A53 Gr.B	Typical
28	M30	N40	N41			RIGID	None	None	RIGID	Typical
29	M31	N43	N45			RIGID	None	None	RIGID	Typical
30	M32	N42	N44			RIGID	None	None	RIGID	Typical
31	M33	N46	N47			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
32	M34	N48	N57			Standoff Horiz...	Beam	SquareTube	A500 Gr.B...	Typical
33	M35	N61	N63			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
34	M38	N62	N49			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
35	M39	N72	N73			Corner Plate	Beam	BAR	A36 Gr.36	Typical
36	M40	N51	N60			RIGID	None	None	RIGID	Typical
37	M41	N50	N59			RIGID	None	None	RIGID	Typical
38	M42	N77	N50			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
39	M43A	N51	N79			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
40	M44	N79	N80			RIGID	None	None	RIGID	Typical
41	M45	N62	N56			RIGID	None	None	RIGID	Typical
42	M46A	N56	N63			RIGID	None	None	RIGID	Typical
43	M47	N61	N65			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
44	M48	N65	N66			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
45	M50A	N73	N67			Corner Plate	Beam	BAR	A36 Gr.36	Typical
46	M51C	N67	N74			RIGID	None	None	RIGID	Typical
47	M52A	N49	N64			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
48	M53	N64	N68			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
49	M54	N68	N71			RIGID	None	None	RIGID	Typical
50	M55	N72	N69			Corner Plate	Beam	BAR	A36 Gr.36	Typical
51	M56	N69	N75			RIGID	None	None	RIGID	Typical
52	M57	N80	N76			RIGID	None	None	RIGID	Typical
53	M58A	N76	N78			RIGID	None	None	RIGID	Typical
54	M59A	N77	N78			RIGID	None	None	RIGID	Typical
55	M60	N81	N82			Kicker	Beam	Single Angle	A36 Gr.36	Typical
56	M61	N83	N84			Support Rail	Beam	Pipe	A53 Gr.B	Typical
57	M63	N88	N90			RIGID	None	None	RIGID	Typical

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
58	M64	N87	N89			RIGID	None	None	RIGID	Typical
59	M65	N91	N92			Face Horizontal	Beam	Pipe	A53 Gr.B	Typical
60	M66	N93	N102A			Standoff Horiz...	Beam	SquareTube	A500 Gr.B...	Typical
61	M67	N106	N108			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
62	M70	N107	N94			Platform Cross...	Beam	SquareTube	A500 Gr.B...	Typical
63	M71	N117	N118			Corner Plate	Beam	BAR	A36 Gr.36	Typical
64	M72	N96	N105A			RIGID	None	None	RIGID	Typical
65	M73	N95	N104			RIGID	None	None	RIGID	Typical
66	M74	N122	N95			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
67	M75	N96	N124			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
68	M76A	N124	N125			RIGID	None	None	RIGID	Typical
69	M77A	N107	N101A			RIGID	None	None	RIGID	Typical
70	M78	N101A	N108			RIGID	None	None	RIGID	Typical
71	M79A	N106	N110			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
72	M80A	N110	N111			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
73	M81	N111	N115			RIGID	None	None	RIGID	Typical
74	M82	N118	N112			Corner Plate	Beam	BAR	A36 Gr.36	Typical
75	M83A	N112	N119			RIGID	None	None	RIGID	Typical
76	M84A	N94	N109			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
77	M85A	N109	N113			Cross Arm Plate	Column	RECT	A36 Gr.36	Typical
78	M87	N117	N114			Corner Plate	Beam	BAR	A36 Gr.36	Typical
79	M88A	N114	N120			RIGID	None	None	RIGID	Typical
80	M89	N125	N121			RIGID	None	None	RIGID	Typical
81	M90	N121	N123			RIGID	None	None	RIGID	Typical
82	M91A	N122	N123			RIGID	None	None	RIGID	Typical
83	M92A	N126	N127			Kicker	Beam	Single Angle	A36 Gr.36	Typical
84	M93	N128	N129			Support Rail	Beam	Pipe	A53 Gr.B	Typical
85	M95	N133	N135A			RIGID	None	None	RIGID	Typical
86	M96	N132	N134			RIGID	None	None	RIGID	Typical
87	M91B	N45	N134		270	Support Rail A...	Beam	Single Angle	A36 Gr.36	Typical
88	M92B	N90	N44		270	Support Rail A...	Beam	Single Angle	A36 Gr.36	Typical
89	M93A	N135A	N89		180	Support Rail A...	Beam	Single Angle	A36 Gr.36	Typical
90	M94	N122A	N123A			RIGID	None	None	RIGID	Typical
91	MP2A	N125A	N124A			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
92	M96A	N126A	N127A			RIGID	None	None	RIGID	Typical
93	M97	N128A	N129A			RIGID	None	None	RIGID	Typical
94	MP3A	N131A	N130			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
95	M99	N132A	N133A			RIGID	None	None	RIGID	Typical
96	M100	N134A	N135B			RIGID	None	None	RIGID	Typical
97	MP4A	N137	N136			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
98	M102	N138	N139			RIGID	None	None	RIGID	Typical
99	LIVE2	N140	N141			RIGID	None	None	RIGID	Typical
100	MP5A	N143	N142			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
101	M105	N144A	N145			RIGID	None	None	RIGID	Typical
102	M106	N146	N147			RIGID	None	None	RIGID	Typical
103	MP1C	N149	N148A			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
104	M108	N150	N151			RIGID	None	None	RIGID	Typical
105	M109	N152	N153			RIGID	None	None	RIGID	Typical
106	MP2C	N155	N154			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
107	M111	N156	N157			RIGID	None	None	RIGID	Typical
108	M112	N158	N159			RIGID	None	None	RIGID	Typical
109	MP3C	N161	N160			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
110	M114	N162	N163			RIGID	None	None	RIGID	Typical
111	M115	N164	N165			RIGID	None	None	RIGID	Typical
112	MP4C	N167	N166			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
113	M117	N168	N169			RIGID	None	None	RIGID	Typical
114	M118	N170	N171			RIGID	None	None	RIGID	Typical

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(deg)	Section/Shape	Type	Design List	Material	Design Rules
115	MP5C	N173	N172			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
116	M120	N174	N175			RIGID	None	None	RIGID	Typical
117	M121	N176	N177			RIGID	None	None	RIGID	Typical
118	MP1B	N179	N178			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
119	M123	N180	N181			RIGID	None	None	RIGID	Typical
120	M124	N182	N183			RIGID	None	None	RIGID	Typical
121	MP2B	N185	N184			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
122	M126	N186	N187			RIGID	None	None	RIGID	Typical
123	M127	N188	N189			RIGID	None	None	RIGID	Typical
124	MP3B	N191	N190			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
125	M129	N192	N193			RIGID	None	None	RIGID	Typical
126	M130	N194	N195			RIGID	None	None	RIGID	Typical
127	MP4B	N197	N196			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
128	M132	N198	N199			RIGID	None	None	RIGID	Typical
129	M133	N200	N201			RIGID	None	None	RIGID	Typical
130	MP5B	N203	N202			Mount Pipe	Column	Pipe	A53 Gr.B	Typical
131	M135	N204	N205			RIGID	None	None	RIGID	Typical
132	M136	N113	N207			RIGID	None	None	RIGID	Typical
133	M137	N131	N209			RIGID	None	None	RIGID	Typical
134	M138	N144	N211			RIGID	None	None	RIGID	Typical
135	M139	N66	N213			RIGID	None	None	RIGID	Typical

Member Advanced Data

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
1	FACE						Yes	Default			None
2	M4						Yes				None
3	M10						Yes	Default			None
4	LIVE1						Yes	** NA **			None
5	MP1A						Yes	** NA **			None
6	M43						Yes	Default			None
7	M46						Yes	Default			None
8	M35A						Yes	** NA **			None
9	M36A						Yes	** NA **			None
10	M51B	OOOOOX	OOOOOX				Yes	Default			None
11	M52B	OOOOOX	OOOOOX				Yes	Default			None
12	M52						Yes	** NA **			None
13	M58						Yes	** NA **			None
14	M59						Yes	** NA **			None
15	M76						Yes	** NA **			None
16	M77						Yes	** NA **			None
17	M80						Yes				None
18	M83		BenPIN				Yes	** NA **			None
19	M84						Yes	** NA **			None
20	M85						Yes	** NA **			None
21	M91						Yes				None
22	M92		BenPIN				Yes	** NA **			None
23	M50						Yes	** NA **			None
24	M51						Yes	** NA **			None
25	M51A						Yes	** NA **			None
26	M28	BenPIN	BenPIN				Yes	Default			None
27	M29						Yes	Default			None
28	M30						Yes	** NA **			None
29	M31	OOOOOX					Yes	** NA **			None
30	M32	OOOOOX					Yes	** NA **			None
31	M33						Yes	Default			None

Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
32	M34						Yes				None
33	M35						Yes	Default			None
34	M38						Yes	Default			None
35	M39						Yes	Default			None
36	M40						Yes	** NA **			None
37	M41						Yes	** NA **			None
38	M42	OOOOOX	OOOOOX				Yes	Default			None
39	M43A	OOOOOX	OOOOOX				Yes	Default			None
40	M44						Yes	** NA **			None
41	M45						Yes	** NA **			None
42	M46A						Yes	** NA **			None
43	M47						Yes	** NA **			None
44	M48						Yes	** NA **			None
45	M50A						Yes				None
46	M51C		BenPIN				Yes	** NA **			None
47	M52A						Yes	** NA **			None
48	M53						Yes	** NA **			None
49	M54		BenPIN				Yes	** NA **			None
50	M55						Yes				None
51	M56		BenPIN				Yes	** NA **			None
52	M57						Yes	** NA **			None
53	M58A						Yes	** NA **			None
54	M59A						Yes	** NA **			None
55	M60	BenPIN	BenPIN				Yes	Default			None
56	M61						Yes	Default			None
57	M63	OOOOOX					Yes	** NA **			None
58	M64	OOOOOX					Yes	** NA **			None
59	M65						Yes	Default			None
60	M66						Yes				None
61	M67						Yes	Default			None
62	M70						Yes	Default			None
63	M71						Yes	Default			None
64	M72						Yes	** NA **			None
65	M73						Yes	** NA **			None
66	M74	OOOOOX	OOOOOX				Yes	Default			None
67	M75	OOOOOX	OOOOOX				Yes	Default			None
68	M76A						Yes	** NA **			None
69	M77A						Yes	** NA **			None
70	M78						Yes	** NA **			None
71	M79A						Yes	** NA **			None
72	M80A						Yes	** NA **			None
73	M81		BenPIN				Yes	** NA **			None
74	M82						Yes				None
75	M83A		BenPIN				Yes	** NA **			None
76	M84A						Yes	** NA **			None
77	M85A						Yes	** NA **			None
78	M87						Yes				None
79	M88A		BenPIN				Yes	** NA **			None
80	M89						Yes	** NA **			None
81	M90						Yes	** NA **			None
82	M91A						Yes	** NA **			None
83	M92A	BenPIN	BenPIN				Yes	Default			None
84	M93						Yes	Default			None
85	M95	OOOOOX					Yes	** NA **			None
86	M96	OOOOOX					Yes	** NA **			None
87	M91B						Yes				None
88	M92B						Yes				None

Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
89	M93A						Yes				None
90	M94						Yes	** NA **			None
91	MP2A						Yes	** NA **			None
92	M96A						Yes	** NA **			None
93	M97						Yes	** NA **			None
94	MP3A						Yes	** NA **			None
95	M99						Yes	** NA **			None
96	M100						Yes	** NA **			None
97	MP4A						Yes	** NA **			None
98	M102						Yes	** NA **			None
99	LIVE2						Yes	** NA **			None
100	MP5A						Yes	** NA **			None
101	M105						Yes	** NA **			None
102	M106						Yes	** NA **			None
103	MP1C						Yes	** NA **			None
104	M108						Yes	** NA **			None
105	M109						Yes	** NA **			None
106	MP2C						Yes	** NA **			None
107	M111						Yes	** NA **			None
108	M112						Yes	** NA **			None
109	MP3C						Yes	** NA **			None
110	M114						Yes	** NA **			None
111	M115						Yes	** NA **			None
112	MP4C						Yes	** NA **			None
113	M117						Yes	** NA **			None
114	M118						Yes	** NA **			None
115	MP5C						Yes	** NA **			None
116	M120						Yes	** NA **			None
117	M121						Yes	** NA **			None
118	MP1B						Yes	** NA **			None
119	M123						Yes	** NA **			None
120	M124						Yes	** NA **			None
121	MP2B						Yes	** NA **			None
122	M126						Yes	** NA **			None
123	M127						Yes	** NA **			None
124	MP3B						Yes	** NA **			None
125	M129						Yes	** NA **			None
126	M130						Yes	** NA **			None
127	MP4B						Yes	** NA **			None
128	M132						Yes	** NA **			None
129	M133						Yes	** NA **			None
130	MP5B						Yes	** NA **			None
131	M135						Yes	** NA **			None
132	M136		BenPIN				Yes	** NA **			None
133	M137		BenPIN				Yes	** NA **			None
134	M138		BenPIN				Yes	** NA **			None
135	M139		BenPIN				Yes	** NA **			None

Member Point Loads (BLC 1 : Antenna D)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP4A	Y	-43.55	36
2	MP4A	My	-.02	36
3	MP4A	Mz	-.007	36
4	MP4A	Y	-43.55	60
5	MP4A	My	-.02	60

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
6	MP4A	Mz	-.007	60
7	MP4B	Y	-43.55	36
8	MP4B	My	.017	36
9	MP4B	Mz	-.014	36
10	MP4B	Y	-43.55	60
11	MP4B	My	.017	60
12	MP4B	Mz	-.014	60
13	MP4C	Y	-43.55	36
14	MP4C	My	.004	36
15	MP4C	Mz	.021	36
16	MP4C	Y	-43.55	60
17	MP4C	My	.004	60
18	MP4C	Mz	.021	60
19	MP1A	Y	-84.4	30
20	MP1A	My	.04	30
21	MP1A	Mz	.014	30
22	MP1B	Y	-84.4	30
23	MP1B	My	-.032	30
24	MP1B	Mz	.027	30
25	MP1C	Y	-84.4	30
26	MP1C	My	-.007	30
27	MP1C	Mz	-.042	30
28	MP2A	Y	-70.3	30
29	MP2A	My	.033	30
30	MP2A	Mz	.012	30
31	MP2B	Y	-70.3	30
32	MP2B	My	-.027	30
33	MP2B	Mz	.023	30
34	MP2C	Y	-70.3	30
35	MP2C	My	-.006	30
36	MP2C	Mz	-.035	30
37	MP1A	Y	-20	24
38	MP1A	My	-.005	24
39	MP1A	Mz	-.014	24
40	MP1A	Y	-20	72
41	MP1A	My	-.005	72
42	MP1A	Mz	-.014	72
43	MP1B	Y	-20	24
44	MP1B	My	.015	24
45	MP1B	Mz	.003	24
46	MP1B	Y	-20	72
47	MP1B	My	.015	72
48	MP1B	Mz	.003	72
49	MP1C	Y	-20	24
50	MP1C	My	.013	24
51	MP1C	Mz	.008	24
52	MP1C	Y	-20	72
53	MP1C	My	.013	72
54	MP1C	Mz	.008	72
55	MP1A	Y	-20	24
56	MP1A	My	-.013	24
57	MP1A	Mz	.008	24
58	MP1A	Y	-20	72
59	MP1A	My	-.013	72
60	MP1A	Mz	.008	72
61	MP1B	Y	-20	24
62	MP1B	My	.000161	24

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
63	MP1B	Mz	-.015	24
64	MP1B	Y	-20	72
65	MP1B	My	.000161	72
66	MP1B	Mz	-.015	72
67	MP1C	Y	-20	24
68	MP1C	My	-.01	24
69	MP1C	Mz	.012	24
70	MP1C	Y	-20	72
71	MP1C	My	-.01	72
72	MP1C	Mz	.012	72
73	MP5A	Y	-20	24
74	MP5A	My	-.009	24
75	MP5A	Mz	-.003	24
76	MP5A	Y	-20	72
77	MP5A	My	-.009	72
78	MP5A	Mz	-.003	72
79	MP5B	Y	-20	24
80	MP5B	My	.008	24
81	MP5B	Mz	-.006	24
82	MP5B	Y	-20	72
83	MP5B	My	.008	72
84	MP5B	Mz	-.006	72
85	MP5C	Y	-20	24
86	MP5C	My	.002	24
87	MP5C	Mz	.01	24
88	MP5C	Y	-20	72
89	MP5C	My	.002	72
90	MP5C	Mz	.01	72
91	MP3A	Y	-32	24
92	MP3A	My	.015	24
93	MP3A	Mz	.005	24
94	MP3C	Y	-32	24
95	MP3C	My	-.008	24
96	MP3C	Mz	-.014	24

Member Point Loads (BLC 2 : Antenna Di)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP4A	Y	-54.411	36
2	MP4A	My	-.026	36
3	MP4A	Mz	-.009	36
4	MP4A	Y	-54.411	60
5	MP4A	My	-.026	60
6	MP4A	Mz	-.009	60
7	MP4B	Y	-54.411	36
8	MP4B	My	.021	36
9	MP4B	Mz	-.017	36
10	MP4B	Y	-54.411	60
11	MP4B	My	.021	60
12	MP4B	Mz	-.017	60
13	MP4C	Y	-54.411	36
14	MP4C	My	.005	36
15	MP4C	Mz	.027	36
16	MP4C	Y	-54.411	60
17	MP4C	My	.005	60
18	MP4C	Mz	.027	60
19	MP1A	Y	-69.103	30

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
20	MP1A	My	.032	30
21	MP1A	Mz	.012	30
22	MP1B	Y	-69.103	30
23	MP1B	My	-.026	30
24	MP1B	Mz	.022	30
25	MP1C	Y	-69.103	30
26	MP1C	My	-.006	30
27	MP1C	Mz	-.034	30
28	MP2A	Y	-62.368	30
29	MP2A	My	.029	30
30	MP2A	Mz	.011	30
31	MP2B	Y	-62.368	30
32	MP2B	My	-.024	30
33	MP2B	Mz	.02	30
34	MP2C	Y	-62.368	30
35	MP2C	My	-.005	30
36	MP2C	Mz	-.031	30
37	MP1A	Y	-92.92	24
38	MP1A	My	-.025	24
39	MP1A	Mz	-.067	24
40	MP1A	Y	-92.92	72
41	MP1A	My	-.025	72
42	MP1A	Mz	-.067	72
43	MP1B	Y	-92.92	24
44	MP1B	My	.07	24
45	MP1B	Mz	.012	24
46	MP1B	Y	-92.92	72
47	MP1B	My	.07	72
48	MP1B	Mz	.012	72
49	MP1C	Y	-92.92	24
50	MP1C	My	.061	24
51	MP1C	Mz	.036	24
52	MP1C	Y	-92.92	72
53	MP1C	My	.061	72
54	MP1C	Mz	.036	72
55	MP1A	Y	-92.92	24
56	MP1A	My	-.062	24
57	MP1A	Mz	.035	24
58	MP1A	Y	-92.92	72
59	MP1A	My	-.062	72
60	MP1A	Mz	.035	72
61	MP1B	Y	-92.92	24
62	MP1B	My	.000749	24
63	MP1B	Mz	-.071	24
64	MP1B	Y	-92.92	72
65	MP1B	My	.000749	72
66	MP1B	Mz	-.071	72
67	MP1C	Y	-92.92	24
68	MP1C	My	-.045	24
69	MP1C	Mz	.055	24
70	MP1C	Y	-92.92	72
71	MP1C	My	-.045	72
72	MP1C	Mz	.055	72
73	MP5A	Y	-92.92	24
74	MP5A	My	-.044	24
75	MP5A	Mz	-.016	24
76	MP5A	Y	-92.92	72

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
77	MP5A	My	-.044	72
78	MP5A	Mz	-.016	72
79	MP5B	Y	-92.92	24
80	MP5B	My	.036	24
81	MP5B	Mz	-.03	24
82	MP5B	Y	-92.92	72
83	MP5B	My	.036	72
84	MP5B	Mz	-.03	72
85	MP5C	Y	-92.92	24
86	MP5C	My	.008	24
87	MP5C	Mz	.046	24
88	MP5C	Y	-92.92	72
89	MP5C	My	.008	72
90	MP5C	Mz	.046	72
91	MP3A	Y	-97.17	24
92	MP3A	My	.046	24
93	MP3A	Mz	.017	24
94	MP3C	Y	-97.17	24
95	MP3C	My	-.024	24
96	MP3C	Mz	-.042	24

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP4A	X	0	36
2	MP4A	Z	-82.206	36
3	MP4A	Mx	.014	36
4	MP4A	X	0	60
5	MP4A	Z	-82.206	60
6	MP4A	Mx	.014	60
7	MP4B	X	0	36
8	MP4B	Z	-66.254	36
9	MP4B	Mx	.021	36
10	MP4B	X	0	60
11	MP4B	Z	-66.254	60
12	MP4B	Mx	.021	60
13	MP4C	X	0	36
14	MP4C	Z	-36.274	36
15	MP4C	Mx	-.018	36
16	MP4C	X	0	60
17	MP4C	Z	-36.274	60
18	MP4C	Mx	-.018	60
19	MP1A	X	0	30
20	MP1A	Z	-67.697	30
21	MP1A	Mx	-.012	30
22	MP1B	X	0	30
23	MP1B	Z	-60.78	30
24	MP1B	Mx	-.02	30
25	MP1C	X	0	30
26	MP1C	Z	-47.782	30
27	MP1C	Mx	.024	30
28	MP2A	X	0	30
29	MP2A	Z	-66.65	30
30	MP2A	Mx	-.011	30
31	MP2B	X	0	30
32	MP2B	Z	-57.085	30
33	MP2B	Mx	-.018	30

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
34	MP2C	X	0	30
35	MP2C	Z	-39.107	30
36	MP2C	Mx	.019	30
37	MP1A	X	0	24
38	MP1A	Z	-147.574	24
39	MP1A	Mx	.106	24
40	MP1A	X	0	72
41	MP1A	Z	-147.574	72
42	MP1A	Mx	.106	72
43	MP1B	X	0	24
44	MP1B	Z	-132.158	24
45	MP1B	Mx	-.017	24
46	MP1B	X	0	72
47	MP1B	Z	-132.158	72
48	MP1B	Mx	-.017	72
49	MP1C	X	0	24
50	MP1C	Z	-103.187	24
51	MP1C	Mx	-.04	24
52	MP1C	X	0	72
53	MP1C	Z	-103.187	72
54	MP1C	Mx	-.04	72
55	MP1A	X	0	24
56	MP1A	Z	-147.574	24
57	MP1A	Mx	-.056	24
58	MP1A	X	0	72
59	MP1A	Z	-147.574	72
60	MP1A	Mx	-.056	72
61	MP1B	X	0	24
62	MP1B	Z	-132.158	24
63	MP1B	Mx	.102	24
64	MP1B	X	0	72
65	MP1B	Z	-132.158	72
66	MP1B	Mx	.102	72
67	MP1C	X	0	24
68	MP1C	Z	-103.187	24
69	MP1C	Mx	-.061	24
70	MP1C	X	0	72
71	MP1C	Z	-103.187	72
72	MP1C	Mx	-.061	72
73	MP5A	X	0	24
74	MP5A	Z	-147.574	24
75	MP5A	Mx	.025	24
76	MP5A	X	0	72
77	MP5A	Z	-147.574	72
78	MP5A	Mx	.025	72
79	MP5B	X	0	24
80	MP5B	Z	-132.158	24
81	MP5B	Mx	.042	24
82	MP5B	X	0	72
83	MP5B	Z	-132.158	72
84	MP5B	Mx	.042	72
85	MP5C	X	0	24
86	MP5C	Z	-103.187	24
87	MP5C	Mx	-.051	24
88	MP5C	X	0	72
89	MP5C	Z	-103.187	72
90	MP5C	Mx	-.051	72

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
91	MP3A	X	0	24
92	MP3A	Z	-108.8	24
93	MP3A	Mx	-.019	24
94	MP3C	X	0	24
95	MP3C	Z	-84.104	24
96	MP3C	Mx	.036	24

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP4A	X	43.441	36
2	MP4A	Z	-75.242	36
3	MP4A	Mx	-.008	36
4	MP4A	X	43.441	60
5	MP4A	Z	-75.242	60
6	MP4A	Mx	-.008	60
7	MP4B	X	20.475	36
8	MP4B	Z	-35.464	36
9	MP4B	Mx	.019	36
10	MP4B	X	20.475	60
11	MP4B	Z	-35.464	60
12	MP4B	Mx	.019	60
13	MP4C	X	28.451	36
14	MP4C	Z	-49.279	36
15	MP4C	Mx	-.022	36
16	MP4C	X	28.451	60
17	MP4C	Z	-49.279	60
18	MP4C	Mx	-.022	60
19	MP1A	X	34.862	30
20	MP1A	Z	-60.383	30
21	MP1A	Mx	.006	30
22	MP1B	X	24.905	30
23	MP1B	Z	-43.136	30
24	MP1B	Mx	-.023	30
25	MP1C	X	28.363	30
26	MP1C	Z	-49.126	30
27	MP1C	Mx	.022	30
28	MP2A	X	34.727	30
29	MP2A	Z	-60.149	30
30	MP2A	Mx	.006	30
31	MP2B	X	20.955	30
32	MP2B	Z	-36.296	30
33	MP2B	Mx	-.02	30
34	MP2C	X	25.738	30
35	MP2C	Z	-44.58	30
36	MP2C	Mx	.02	30
37	MP1A	X	76.046	24
38	MP1A	Z	-131.716	24
39	MP1A	Mx	.074	24
40	MP1A	X	76.046	72
41	MP1A	Z	-131.716	72
42	MP1A	Mx	.074	72
43	MP1B	X	53.853	24
44	MP1B	Z	-93.276	24
45	MP1B	Mx	.029	24
46	MP1B	X	53.853	72
47	MP1B	Z	-93.276	72

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
48	MP1B	Mx	.029	72
49	MP1C	X	61.56	24
50	MP1C	Z	-106.626	24
51	MP1C	Mx	-.000993	24
52	MP1C	X	61.56	72
53	MP1C	Z	-106.626	72
54	MP1C	Mx	-.000993	72
55	MP1A	X	76.046	24
56	MP1A	Z	-131.716	24
57	MP1A	Mx	-.101	24
58	MP1A	X	76.046	72
59	MP1A	Z	-131.716	72
60	MP1A	Mx	-.101	72
61	MP1B	X	53.853	24
62	MP1B	Z	-93.276	24
63	MP1B	Mx	.072	24
64	MP1B	X	53.853	72
65	MP1B	Z	-93.276	72
66	MP1B	Mx	.072	72
67	MP1C	X	61.56	24
68	MP1C	Z	-106.626	24
69	MP1C	Mx	-.093	24
70	MP1C	X	61.56	72
71	MP1C	Z	-106.626	72
72	MP1C	Mx	-.093	72
73	MP5A	X	76.046	24
74	MP5A	Z	-131.716	24
75	MP5A	Mx	-.013	24
76	MP5A	X	76.046	72
77	MP5A	Z	-131.716	72
78	MP5A	Mx	-.013	72
79	MP5B	X	53.853	24
80	MP5B	Z	-93.276	24
81	MP5B	Mx	.051	24
82	MP5B	X	53.853	72
83	MP5B	Z	-93.276	72
84	MP5B	Mx	.051	72
85	MP5C	X	61.56	24
86	MP5C	Z	-106.626	24
87	MP5C	Mx	-.047	24
88	MP5C	X	61.56	72
89	MP5C	Z	-106.626	72
90	MP5C	Mx	-.047	72
91	MP3A	X	56.093	24
92	MP3A	Z	-97.157	24
93	MP3A	Mx	.01	24
94	MP3C	X	51.805	24
95	MP3C	Z	-89.729	24
96	MP3C	Mx	.026	24

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP4A	X	57.378	36
2	MP4A	Z	-33.127	36
3	MP4A	Mx	-.021	36
4	MP4A	X	57.378	60

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
5	MP4A	Z	-33.127	60
6	MP4A	Mx	-.021	60
7	MP4B	X	31.414	36
8	MP4B	Z	-18.137	36
9	MP4B	Mx	.018	36
10	MP4B	X	31.414	60
11	MP4B	Z	-18.137	60
12	MP4B	Mx	.018	60
13	MP4C	X	71.193	36
14	MP4C	Z	-41.103	36
15	MP4C	Mx	-.014	36
16	MP4C	X	71.193	60
17	MP4C	Z	-41.103	60
18	MP4C	Mx	-.014	60
19	MP1A	X	52.637	30
20	MP1A	Z	-30.39	30
21	MP1A	Mx	.02	30
22	MP1B	X	41.38	30
23	MP1B	Z	-23.891	30
24	MP1B	Mx	-.024	30
25	MP1C	X	58.627	30
26	MP1C	Z	-33.848	30
27	MP1C	Mx	.012	30
28	MP2A	X	49.437	30
29	MP2A	Z	-28.542	30
30	MP2A	Mx	.018	30
31	MP2B	X	33.867	30
32	MP2B	Z	-19.553	30
33	MP2B	Mx	-.019	30
34	MP2C	X	57.721	30
35	MP2C	Z	-33.325	30
36	MP2C	Mx	.011	30
37	MP1A	X	114.452	24
38	MP1A	Z	-66.079	24
39	MP1A	Mx	.017	24
40	MP1A	X	114.452	72
41	MP1A	Z	-66.079	72
42	MP1A	Mx	.017	72
43	MP1B	X	89.362	24
44	MP1B	Z	-51.593	24
45	MP1B	Mx	.061	24
46	MP1B	X	89.362	72
47	MP1B	Z	-51.593	72
48	MP1B	Mx	.061	72
49	MP1C	X	127.803	24
50	MP1C	Z	-73.787	24
51	MP1C	Mx	.056	24
52	MP1C	X	127.803	72
53	MP1C	Z	-73.787	72
54	MP1C	Mx	.056	72
55	MP1A	X	114.452	24
56	MP1A	Z	-66.079	24
57	MP1A	Mx	-.102	24
58	MP1A	X	114.452	72
59	MP1A	Z	-66.079	72
60	MP1A	Mx	-.102	72
61	MP1B	X	89.362	24

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
62	MP1B	Z	-51.593	24
63	MP1B	Mx	.04	24
64	MP1B	X	89.362	72
65	MP1B	Z	-51.593	72
66	MP1B	Mx	.04	72
67	MP1C	X	127.803	24
68	MP1C	Z	-73.787	24
69	MP1C	Mx	-.106	24
70	MP1C	X	127.803	72
71	MP1C	Z	-73.787	72
72	MP1C	Mx	-.106	72
73	MP5A	X	114.452	24
74	MP5A	Z	-66.079	24
75	MP5A	Mx	-.042	24
76	MP5A	X	114.452	72
77	MP5A	Z	-66.079	72
78	MP5A	Mx	-.042	72
79	MP5B	X	89.362	24
80	MP5B	Z	-51.593	24
81	MP5B	Mx	.051	24
82	MP5B	X	89.362	72
83	MP5B	Z	-51.593	72
84	MP5B	Mx	.051	72
85	MP5C	X	127.803	24
86	MP5C	Z	-73.787	24
87	MP5C	Mx	-.025	24
88	MP5C	X	127.803	72
89	MP5C	Z	-73.787	72
90	MP5C	Mx	-.025	72
91	MP3A	X	84.216	24
92	MP3A	Z	-48.622	24
93	MP3A	Mx	.031	24
94	MP3C	X	98.175	24
95	MP3C	Z	-56.682	24
96	MP3C	Mx	0	24

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP4A	X	40.95	36
2	MP4A	Z	0	36
3	MP4A	Mx	-.019	36
4	MP4A	X	40.95	60
5	MP4A	Z	0	60
6	MP4A	Mx	-.019	60
7	MP4B	X	56.902	36
8	MP4B	Z	0	36
9	MP4B	Mx	.022	36
10	MP4B	X	56.902	60
11	MP4B	Z	0	60
12	MP4B	Mx	.022	60
13	MP4C	X	86.882	36
14	MP4C	Z	0	36
15	MP4C	Mx	.008	36
16	MP4C	X	86.882	60
17	MP4C	Z	0	60
18	MP4C	Mx	.008	60

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
19	MP1A	X	49.809	30
20	MP1A	Z	0	30
21	MP1A	Mx	.023	30
22	MP1B	X	56.726	30
23	MP1B	Z	0	30
24	MP1B	Mx	-.022	30
25	MP1C	X	69.724	30
26	MP1C	Z	0	30
27	MP1C	Mx	-.006	30
28	MP2A	X	41.911	30
29	MP2A	Z	0	30
30	MP2A	Mx	.02	30
31	MP2B	X	51.477	30
32	MP2B	Z	0	30
33	MP2B	Mx	-.02	30
34	MP2C	X	69.454	30
35	MP2C	Z	0	30
36	MP2C	Mx	-.006	30
37	MP1A	X	107.706	24
38	MP1A	Z	0	24
39	MP1A	Mx	-.029	24
40	MP1A	X	107.706	72
41	MP1A	Z	0	72
42	MP1A	Mx	-.029	72
43	MP1B	X	123.121	24
44	MP1B	Z	0	24
45	MP1B	Mx	.093	24
46	MP1B	X	123.121	72
47	MP1B	Z	0	72
48	MP1B	Mx	.093	72
49	MP1C	X	152.092	24
50	MP1C	Z	0	24
51	MP1C	Mx	.101	24
52	MP1C	X	152.092	72
53	MP1C	Z	0	72
54	MP1C	Mx	.101	72
55	MP1A	X	107.706	24
56	MP1A	Z	0	24
57	MP1A	Mx	-.072	24
58	MP1A	X	107.706	72
59	MP1A	Z	0	72
60	MP1A	Mx	-.072	72
61	MP1B	X	123.121	24
62	MP1B	Z	0	24
63	MP1B	Mx	.000993	24
64	MP1B	X	123.121	72
65	MP1B	Z	0	72
66	MP1B	Mx	.000993	72
67	MP1C	X	152.092	24
68	MP1C	Z	0	24
69	MP1C	Mx	-.074	24
70	MP1C	X	152.092	72
71	MP1C	Z	0	72
72	MP1C	Mx	-.074	72
73	MP5A	X	107.706	24
74	MP5A	Z	0	24
75	MP5A	Mx	-.051	24

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
76	MP5A	X	107.706	72
77	MP5A	Z	0	72
78	MP5A	Mx	-.051	72
79	MP5B	X	123.121	24
80	MP5B	Z	0	24
81	MP5B	Mx	.047	24
82	MP5B	X	123.121	72
83	MP5B	Z	0	72
84	MP5B	Mx	.047	72
85	MP5C	X	152.092	24
86	MP5C	Z	0	24
87	MP5C	Mx	.013	24
88	MP5C	X	152.092	72
89	MP5C	Z	0	72
90	MP5C	Mx	.013	72
91	MP3A	X	78.915	24
92	MP3A	Z	0	24
93	MP3A	Mx	.037	24
94	MP3C	X	103.61	24
95	MP3C	Z	0	24
96	MP3C	Mx	-.026	24

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP4A	X	31.414	36
2	MP4A	Z	18.137	36
3	MP4A	Mx	-.018	36
4	MP4A	X	31.414	60
5	MP4A	Z	18.137	60
6	MP4A	Mx	-.018	60
7	MP4B	X	71.193	36
8	MP4B	Z	41.103	36
9	MP4B	Mx	.014	36
10	MP4B	X	71.193	60
11	MP4B	Z	41.103	60
12	MP4B	Mx	.014	60
13	MP4C	X	57.378	36
14	MP4C	Z	33.127	36
15	MP4C	Mx	.021	36
16	MP4C	X	57.378	60
17	MP4C	Z	33.127	60
18	MP4C	Mx	.021	60
19	MP1A	X	41.38	30
20	MP1A	Z	23.891	30
21	MP1A	Mx	.024	30
22	MP1B	X	58.627	30
23	MP1B	Z	33.848	30
24	MP1B	Mx	-.012	30
25	MP1C	X	52.637	30
26	MP1C	Z	30.39	30
27	MP1C	Mx	-.02	30
28	MP2A	X	33.867	30
29	MP2A	Z	19.553	30
30	MP2A	Mx	.019	30
31	MP2B	X	57.721	30
32	MP2B	Z	33.325	30

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
33	MP2B	Mx	-.011	30
34	MP2C	X	49.437	30
35	MP2C	Z	28.542	30
36	MP2C	Mx	-.018	30
37	MP1A	X	89.362	24
38	MP1A	Z	51.593	24
39	MP1A	Mx	-.061	24
40	MP1A	X	89.362	72
41	MP1A	Z	51.593	72
42	MP1A	Mx	-.061	72
43	MP1B	X	127.803	24
44	MP1B	Z	73.787	24
45	MP1B	Mx	.106	24
46	MP1B	X	127.803	72
47	MP1B	Z	73.787	72
48	MP1B	Mx	.106	72
49	MP1C	X	114.452	24
50	MP1C	Z	66.079	24
51	MP1C	Mx	.102	24
52	MP1C	X	114.452	72
53	MP1C	Z	66.079	72
54	MP1C	Mx	.102	72
55	MP1A	X	89.362	24
56	MP1A	Z	51.593	24
57	MP1A	Mx	-.04	24
58	MP1A	X	89.362	72
59	MP1A	Z	51.593	72
60	MP1A	Mx	-.04	72
61	MP1B	X	127.803	24
62	MP1B	Z	73.787	24
63	MP1B	Mx	-.056	24
64	MP1B	X	127.803	72
65	MP1B	Z	73.787	72
66	MP1B	Mx	-.056	72
67	MP1C	X	114.452	24
68	MP1C	Z	66.079	24
69	MP1C	Mx	-.017	24
70	MP1C	X	114.452	72
71	MP1C	Z	66.079	72
72	MP1C	Mx	-.017	72
73	MP5A	X	89.362	24
74	MP5A	Z	51.593	24
75	MP5A	Mx	-.051	24
76	MP5A	X	89.362	72
77	MP5A	Z	51.593	72
78	MP5A	Mx	-.051	72
79	MP5B	X	127.803	24
80	MP5B	Z	73.787	24
81	MP5B	Mx	.025	24
82	MP5B	X	127.803	72
83	MP5B	Z	73.787	72
84	MP5B	Mx	.025	72
85	MP5C	X	114.452	24
86	MP5C	Z	66.079	24
87	MP5C	Mx	.042	24
88	MP5C	X	114.452	72
89	MP5C	Z	66.079	72

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
90	MP5C	Mx	.042	72
91	MP3A	X	65.409	24
92	MP3A	Z	37.764	24
93	MP3A	Mx	.037	24
94	MP3C	X	72.837	24
95	MP3C	Z	42.052	24
96	MP3C	Mx	-.036	24

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP4A	X	28.451	36
2	MP4A	Z	49.279	36
3	MP4A	Mx	-.022	36
4	MP4A	X	28.451	60
5	MP4A	Z	49.279	60
6	MP4A	Mx	-.022	60
7	MP4B	X	43.441	36
8	MP4B	Z	75.242	36
9	MP4B	Mx	-.008	36
10	MP4B	X	43.441	60
11	MP4B	Z	75.242	60
12	MP4B	Mx	-.008	60
13	MP4C	X	20.475	36
14	MP4C	Z	35.464	36
15	MP4C	Mx	.019	36
16	MP4C	X	20.475	60
17	MP4C	Z	35.464	60
18	MP4C	Mx	.019	60
19	MP1A	X	28.363	30
20	MP1A	Z	49.126	30
21	MP1A	Mx	.022	30
22	MP1B	X	34.862	30
23	MP1B	Z	60.383	30
24	MP1B	Mx	.006	30
25	MP1C	X	24.905	30
26	MP1C	Z	43.136	30
27	MP1C	Mx	-.023	30
28	MP2A	X	25.738	30
29	MP2A	Z	44.58	30
30	MP2A	Mx	.02	30
31	MP2B	X	34.727	30
32	MP2B	Z	60.149	30
33	MP2B	Mx	.006	30
34	MP2C	X	20.955	30
35	MP2C	Z	36.296	30
36	MP2C	Mx	-.02	30
37	MP1A	X	61.56	24
38	MP1A	Z	106.626	24
39	MP1A	Mx	-.093	24
40	MP1A	X	61.56	72
41	MP1A	Z	106.626	72
42	MP1A	Mx	-.093	72
43	MP1B	X	76.046	24
44	MP1B	Z	131.716	24
45	MP1B	Mx	.074	24
46	MP1B	X	76.046	72

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
47	MP1B	Z	131.716	72
48	MP1B	Mx	.074	72
49	MP1C	X	53.853	24
50	MP1C	Z	93.276	24
51	MP1C	Mx	.072	24
52	MP1C	X	53.853	72
53	MP1C	Z	93.276	72
54	MP1C	Mx	.072	72
55	MP1A	X	61.56	24
56	MP1A	Z	106.626	24
57	MP1A	Mx	-.000992	24
58	MP1A	X	61.56	72
59	MP1A	Z	106.626	72
60	MP1A	Mx	-.000992	72
61	MP1B	X	76.046	24
62	MP1B	Z	131.716	24
63	MP1B	Mx	-.101	24
64	MP1B	X	76.046	72
65	MP1B	Z	131.716	72
66	MP1B	Mx	-.101	72
67	MP1C	X	53.853	24
68	MP1C	Z	93.276	24
69	MP1C	Mx	.029	24
70	MP1C	X	53.853	72
71	MP1C	Z	93.276	72
72	MP1C	Mx	.029	72
73	MP5A	X	61.56	24
74	MP5A	Z	106.626	24
75	MP5A	Mx	-.047	24
76	MP5A	X	61.56	72
77	MP5A	Z	106.626	72
78	MP5A	Mx	-.047	72
79	MP5B	X	76.046	24
80	MP5B	Z	131.716	24
81	MP5B	Mx	-.013	24
82	MP5B	X	76.046	72
83	MP5B	Z	131.716	72
84	MP5B	Mx	-.013	72
85	MP5C	X	53.853	24
86	MP5C	Z	93.276	24
87	MP5C	Mx	.051	24
88	MP5C	X	53.853	72
89	MP5C	Z	93.276	72
90	MP5C	Mx	.051	72
91	MP3A	X	45.235	24
92	MP3A	Z	78.349	24
93	MP3A	Mx	.035	24
94	MP3C	X	37.176	24
95	MP3C	Z	64.39	24
96	MP3C	Mx	-.037	24

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP4A	X	0	36
2	MP4A	Z	82.206	36
3	MP4A	Mx	-.014	36

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
4	MP4A	X	0	60
5	MP4A	Z	82.206	60
6	MP4A	Mx	-.014	60
7	MP4B	X	0	36
8	MP4B	Z	66.254	36
9	MP4B	Mx	-.021	36
10	MP4B	X	0	60
11	MP4B	Z	66.254	60
12	MP4B	Mx	-.021	60
13	MP4C	X	0	36
14	MP4C	Z	36.274	36
15	MP4C	Mx	.018	36
16	MP4C	X	0	60
17	MP4C	Z	36.274	60
18	MP4C	Mx	.018	60
19	MP1A	X	0	30
20	MP1A	Z	67.697	30
21	MP1A	Mx	.012	30
22	MP1B	X	0	30
23	MP1B	Z	60.78	30
24	MP1B	Mx	.02	30
25	MP1C	X	0	30
26	MP1C	Z	47.782	30
27	MP1C	Mx	-.024	30
28	MP2A	X	0	30
29	MP2A	Z	66.65	30
30	MP2A	Mx	.011	30
31	MP2B	X	0	30
32	MP2B	Z	57.085	30
33	MP2B	Mx	.018	30
34	MP2C	X	0	30
35	MP2C	Z	39.107	30
36	MP2C	Mx	-.019	30
37	MP1A	X	0	24
38	MP1A	Z	147.574	24
39	MP1A	Mx	-.106	24
40	MP1A	X	0	72
41	MP1A	Z	147.574	72
42	MP1A	Mx	-.106	72
43	MP1B	X	0	24
44	MP1B	Z	132.158	24
45	MP1B	Mx	.017	24
46	MP1B	X	0	72
47	MP1B	Z	132.158	72
48	MP1B	Mx	.017	72
49	MP1C	X	0	24
50	MP1C	Z	103.187	24
51	MP1C	Mx	.04	24
52	MP1C	X	0	72
53	MP1C	Z	103.187	72
54	MP1C	Mx	.04	72
55	MP1A	X	0	24
56	MP1A	Z	147.574	24
57	MP1A	Mx	.056	24
58	MP1A	X	0	72
59	MP1A	Z	147.574	72
60	MP1A	Mx	.056	72

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
61	MP1B	X	0	24
62	MP1B	Z	132.158	24
63	MP1B	Mx	-.102	24
64	MP1B	X	0	72
65	MP1B	Z	132.158	72
66	MP1B	Mx	-.102	72
67	MP1C	X	0	24
68	MP1C	Z	103.187	24
69	MP1C	Mx	.061	24
70	MP1C	X	0	72
71	MP1C	Z	103.187	72
72	MP1C	Mx	.061	72
73	MP5A	X	0	24
74	MP5A	Z	147.574	24
75	MP5A	Mx	-.025	24
76	MP5A	X	0	72
77	MP5A	Z	147.574	72
78	MP5A	Mx	-.025	72
79	MP5B	X	0	24
80	MP5B	Z	132.158	24
81	MP5B	Mx	-.042	24
82	MP5B	X	0	72
83	MP5B	Z	132.158	72
84	MP5B	Mx	-.042	72
85	MP5C	X	0	24
86	MP5C	Z	103.187	24
87	MP5C	Mx	.051	24
88	MP5C	X	0	72
89	MP5C	Z	103.187	72
90	MP5C	Mx	.051	72
91	MP3A	X	0	24
92	MP3A	Z	108.8	24
93	MP3A	Mx	.019	24
94	MP3C	X	0	24
95	MP3C	Z	84.104	24
96	MP3C	Mx	-.036	24

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP4A	X	-43.441	36
2	MP4A	Z	75.242	36
3	MP4A	Mx	.008	36
4	MP4A	X	-43.441	60
5	MP4A	Z	75.242	60
6	MP4A	Mx	.008	60
7	MP4B	X	-20.475	36
8	MP4B	Z	35.464	36
9	MP4B	Mx	-.019	36
10	MP4B	X	-20.475	60
11	MP4B	Z	35.464	60
12	MP4B	Mx	-.019	60
13	MP4C	X	-28.451	36
14	MP4C	Z	49.279	36
15	MP4C	Mx	.022	36
16	MP4C	X	-28.451	60
17	MP4C	Z	49.279	60

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
18	MP4C	Mx	.022	60
19	MP1A	X	-34.862	30
20	MP1A	Z	60.383	30
21	MP1A	Mx	-.006	30
22	MP1B	X	-24.905	30
23	MP1B	Z	43.136	30
24	MP1B	Mx	.023	30
25	MP1C	X	-28.363	30
26	MP1C	Z	49.126	30
27	MP1C	Mx	-.022	30
28	MP2A	X	-34.727	30
29	MP2A	Z	60.149	30
30	MP2A	Mx	-.006	30
31	MP2B	X	-20.955	30
32	MP2B	Z	36.296	30
33	MP2B	Mx	.02	30
34	MP2C	X	-25.738	30
35	MP2C	Z	44.58	30
36	MP2C	Mx	-.02	30
37	MP1A	X	-76.046	24
38	MP1A	Z	131.716	24
39	MP1A	Mx	-.074	24
40	MP1A	X	-76.046	72
41	MP1A	Z	131.716	72
42	MP1A	Mx	-.074	72
43	MP1B	X	-53.853	24
44	MP1B	Z	93.276	24
45	MP1B	Mx	-.029	24
46	MP1B	X	-53.853	72
47	MP1B	Z	93.276	72
48	MP1B	Mx	-.029	72
49	MP1C	X	-61.56	24
50	MP1C	Z	106.626	24
51	MP1C	Mx	.000993	24
52	MP1C	X	-61.56	72
53	MP1C	Z	106.626	72
54	MP1C	Mx	.000993	72
55	MP1A	X	-76.046	24
56	MP1A	Z	131.716	24
57	MP1A	Mx	.101	24
58	MP1A	X	-76.046	72
59	MP1A	Z	131.716	72
60	MP1A	Mx	.101	72
61	MP1B	X	-53.853	24
62	MP1B	Z	93.276	24
63	MP1B	Mx	-.072	24
64	MP1B	X	-53.853	72
65	MP1B	Z	93.276	72
66	MP1B	Mx	-.072	72
67	MP1C	X	-61.56	24
68	MP1C	Z	106.626	24
69	MP1C	Mx	.093	24
70	MP1C	X	-61.56	72
71	MP1C	Z	106.626	72
72	MP1C	Mx	.093	72
73	MP5A	X	-76.046	24
74	MP5A	Z	131.716	24

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
75	MP5A	Mx	.013	24
76	MP5A	X	-76.046	72
77	MP5A	Z	131.716	72
78	MP5A	Mx	.013	72
79	MP5B	X	-53.853	24
80	MP5B	Z	93.276	24
81	MP5B	Mx	-.051	24
82	MP5B	X	-53.853	72
83	MP5B	Z	93.276	72
84	MP5B	Mx	-.051	72
85	MP5C	X	-61.56	24
86	MP5C	Z	106.626	24
87	MP5C	Mx	.047	24
88	MP5C	X	-61.56	72
89	MP5C	Z	106.626	72
90	MP5C	Mx	.047	72
91	MP3A	X	-56.093	24
92	MP3A	Z	97.157	24
93	MP3A	Mx	-.01	24
94	MP3C	X	-51.805	24
95	MP3C	Z	89.729	24
96	MP3C	Mx	-.026	24

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP4A	X	-57.378	36
2	MP4A	Z	33.127	36
3	MP4A	Mx	.021	36
4	MP4A	X	-57.378	60
5	MP4A	Z	33.127	60
6	MP4A	Mx	.021	60
7	MP4B	X	-31.414	36
8	MP4B	Z	18.137	36
9	MP4B	Mx	-.018	36
10	MP4B	X	-31.414	60
11	MP4B	Z	18.137	60
12	MP4B	Mx	-.018	60
13	MP4C	X	-71.193	36
14	MP4C	Z	41.103	36
15	MP4C	Mx	.014	36
16	MP4C	X	-71.193	60
17	MP4C	Z	41.103	60
18	MP4C	Mx	.014	60
19	MP1A	X	-52.637	30
20	MP1A	Z	30.39	30
21	MP1A	Mx	-.02	30
22	MP1B	X	-41.38	30
23	MP1B	Z	23.891	30
24	MP1B	Mx	.024	30
25	MP1C	X	-58.627	30
26	MP1C	Z	33.848	30
27	MP1C	Mx	-.012	30
28	MP2A	X	-49.437	30
29	MP2A	Z	28.542	30
30	MP2A	Mx	-.018	30
31	MP2B	X	-33.867	30

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
32	MP2B	Z	19.553	30
33	MP2B	Mx	.019	30
34	MP2C	X	-57.721	30
35	MP2C	Z	33.325	30
36	MP2C	Mx	-.011	30
37	MP1A	X	-114.452	24
38	MP1A	Z	66.079	24
39	MP1A	Mx	-.017	24
40	MP1A	X	-114.452	72
41	MP1A	Z	66.079	72
42	MP1A	Mx	-.017	72
43	MP1B	X	-89.362	24
44	MP1B	Z	51.593	24
45	MP1B	Mx	-.061	24
46	MP1B	X	-89.362	72
47	MP1B	Z	51.593	72
48	MP1B	Mx	-.061	72
49	MP1C	X	-127.803	24
50	MP1C	Z	73.787	24
51	MP1C	Mx	-.056	24
52	MP1C	X	-127.803	72
53	MP1C	Z	73.787	72
54	MP1C	Mx	-.056	72
55	MP1A	X	-114.452	24
56	MP1A	Z	66.079	24
57	MP1A	Mx	.102	24
58	MP1A	X	-114.452	72
59	MP1A	Z	66.079	72
60	MP1A	Mx	.102	72
61	MP1B	X	-89.362	24
62	MP1B	Z	51.593	24
63	MP1B	Mx	-.04	24
64	MP1B	X	-89.362	72
65	MP1B	Z	51.593	72
66	MP1B	Mx	-.04	72
67	MP1C	X	-127.803	24
68	MP1C	Z	73.787	24
69	MP1C	Mx	.106	24
70	MP1C	X	-127.803	72
71	MP1C	Z	73.787	72
72	MP1C	Mx	.106	72
73	MP5A	X	-114.452	24
74	MP5A	Z	66.079	24
75	MP5A	Mx	.042	24
76	MP5A	X	-114.452	72
77	MP5A	Z	66.079	72
78	MP5A	Mx	.042	72
79	MP5B	X	-89.362	24
80	MP5B	Z	51.593	24
81	MP5B	Mx	-.051	24
82	MP5B	X	-89.362	72
83	MP5B	Z	51.593	72
84	MP5B	Mx	-.051	72
85	MP5C	X	-127.803	24
86	MP5C	Z	73.787	24
87	MP5C	Mx	.025	24
88	MP5C	X	-127.803	72

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
89	MP5C	Z	73.787	72
90	MP5C	Mx	.025	72
91	MP3A	X	-84.216	24
92	MP3A	Z	48.622	24
93	MP3A	Mx	-.031	24
94	MP3C	X	-98.175	24
95	MP3C	Z	56.682	24
96	MP3C	Mx	0	24

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP4A	X	-40.95	36
2	MP4A	Z	0	36
3	MP4A	Mx	.019	36
4	MP4A	X	-40.95	60
5	MP4A	Z	0	60
6	MP4A	Mx	.019	60
7	MP4B	X	-56.902	36
8	MP4B	Z	0	36
9	MP4B	Mx	-.022	36
10	MP4B	X	-56.902	60
11	MP4B	Z	0	60
12	MP4B	Mx	-.022	60
13	MP4C	X	-86.882	36
14	MP4C	Z	0	36
15	MP4C	Mx	-.008	36
16	MP4C	X	-86.882	60
17	MP4C	Z	0	60
18	MP4C	Mx	-.008	60
19	MP1A	X	-49.809	30
20	MP1A	Z	0	30
21	MP1A	Mx	-.023	30
22	MP1B	X	-56.726	30
23	MP1B	Z	0	30
24	MP1B	Mx	.022	30
25	MP1C	X	-69.724	30
26	MP1C	Z	0	30
27	MP1C	Mx	.006	30
28	MP2A	X	-41.911	30
29	MP2A	Z	0	30
30	MP2A	Mx	-.02	30
31	MP2B	X	-51.477	30
32	MP2B	Z	0	30
33	MP2B	Mx	.02	30
34	MP2C	X	-69.454	30
35	MP2C	Z	0	30
36	MP2C	Mx	.006	30
37	MP1A	X	-107.706	24
38	MP1A	Z	0	24
39	MP1A	Mx	.029	24
40	MP1A	X	-107.706	72
41	MP1A	Z	0	72
42	MP1A	Mx	.029	72
43	MP1B	X	-123.121	24
44	MP1B	Z	0	24
45	MP1B	Mx	-.093	24

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
46	MP1B	X	-123.121	72
47	MP1B	Z	0	72
48	MP1B	Mx	-.093	72
49	MP1C	X	-152.092	24
50	MP1C	Z	0	24
51	MP1C	Mx	-.101	24
52	MP1C	X	-152.092	72
53	MP1C	Z	0	72
54	MP1C	Mx	-.101	72
55	MP1A	X	-107.706	24
56	MP1A	Z	0	24
57	MP1A	Mx	.072	24
58	MP1A	X	-107.706	72
59	MP1A	Z	0	72
60	MP1A	Mx	.072	72
61	MP1B	X	-123.121	24
62	MP1B	Z	0	24
63	MP1B	Mx	-.000993	24
64	MP1B	X	-123.121	72
65	MP1B	Z	0	72
66	MP1B	Mx	-.000993	72
67	MP1C	X	-152.092	24
68	MP1C	Z	0	24
69	MP1C	Mx	.074	24
70	MP1C	X	-152.092	72
71	MP1C	Z	0	72
72	MP1C	Mx	.074	72
73	MP5A	X	-107.706	24
74	MP5A	Z	0	24
75	MP5A	Mx	.051	24
76	MP5A	X	-107.706	72
77	MP5A	Z	0	72
78	MP5A	Mx	.051	72
79	MP5B	X	-123.121	24
80	MP5B	Z	0	24
81	MP5B	Mx	-.047	24
82	MP5B	X	-123.121	72
83	MP5B	Z	0	72
84	MP5B	Mx	-.047	72
85	MP5C	X	-152.092	24
86	MP5C	Z	0	24
87	MP5C	Mx	-.013	24
88	MP5C	X	-152.092	72
89	MP5C	Z	0	72
90	MP5C	Mx	-.013	72
91	MP3A	X	-78.915	24
92	MP3A	Z	0	24
93	MP3A	Mx	-.037	24
94	MP3C	X	-103.61	24
95	MP3C	Z	0	24
96	MP3C	Mx	.026	24

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP4A	X	-31.414	36
2	MP4A	Z	-18.137	36

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
3	MP4A	Mx	.018	36
4	MP4A	X	-31.414	60
5	MP4A	Z	-18.137	60
6	MP4A	Mx	.018	60
7	MP4B	X	-71.193	36
8	MP4B	Z	-41.103	36
9	MP4B	Mx	-.014	36
10	MP4B	X	-71.193	60
11	MP4B	Z	-41.103	60
12	MP4B	Mx	-.014	60
13	MP4C	X	-57.378	36
14	MP4C	Z	-33.127	36
15	MP4C	Mx	-.021	36
16	MP4C	X	-57.378	60
17	MP4C	Z	-33.127	60
18	MP4C	Mx	-.021	60
19	MP1A	X	-41.38	30
20	MP1A	Z	-23.891	30
21	MP1A	Mx	-.024	30
22	MP1B	X	-58.627	30
23	MP1B	Z	-33.848	30
24	MP1B	Mx	.012	30
25	MP1C	X	-52.637	30
26	MP1C	Z	-30.39	30
27	MP1C	Mx	.02	30
28	MP2A	X	-33.867	30
29	MP2A	Z	-19.553	30
30	MP2A	Mx	-.019	30
31	MP2B	X	-57.721	30
32	MP2B	Z	-33.325	30
33	MP2B	Mx	.011	30
34	MP2C	X	-49.437	30
35	MP2C	Z	-28.542	30
36	MP2C	Mx	.018	30
37	MP1A	X	-89.362	24
38	MP1A	Z	-51.593	24
39	MP1A	Mx	.061	24
40	MP1A	X	-89.362	72
41	MP1A	Z	-51.593	72
42	MP1A	Mx	.061	72
43	MP1B	X	-127.803	24
44	MP1B	Z	-73.787	24
45	MP1B	Mx	-.106	24
46	MP1B	X	-127.803	72
47	MP1B	Z	-73.787	72
48	MP1B	Mx	-.106	72
49	MP1C	X	-114.452	24
50	MP1C	Z	-66.079	24
51	MP1C	Mx	-.102	24
52	MP1C	X	-114.452	72
53	MP1C	Z	-66.079	72
54	MP1C	Mx	-.102	72
55	MP1A	X	-89.362	24
56	MP1A	Z	-51.593	24
57	MP1A	Mx	.04	24
58	MP1A	X	-89.362	72
59	MP1A	Z	-51.593	72

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
60	MP1A	Mx	.04	72
61	MP1B	X	-127.803	24
62	MP1B	Z	-73.787	24
63	MP1B	Mx	.056	24
64	MP1B	X	-127.803	72
65	MP1B	Z	-73.787	72
66	MP1B	Mx	.056	72
67	MP1C	X	-114.452	24
68	MP1C	Z	-66.079	24
69	MP1C	Mx	.017	24
70	MP1C	X	-114.452	72
71	MP1C	Z	-66.079	72
72	MP1C	Mx	.017	72
73	MP5A	X	-89.362	24
74	MP5A	Z	-51.593	24
75	MP5A	Mx	.051	24
76	MP5A	X	-89.362	72
77	MP5A	Z	-51.593	72
78	MP5A	Mx	.051	72
79	MP5B	X	-127.803	24
80	MP5B	Z	-73.787	24
81	MP5B	Mx	-.025	24
82	MP5B	X	-127.803	72
83	MP5B	Z	-73.787	72
84	MP5B	Mx	-.025	72
85	MP5C	X	-114.452	24
86	MP5C	Z	-66.079	24
87	MP5C	Mx	-.042	24
88	MP5C	X	-114.452	72
89	MP5C	Z	-66.079	72
90	MP5C	Mx	-.042	72
91	MP3A	X	-65.409	24
92	MP3A	Z	-37.764	24
93	MP3A	Mx	-.037	24
94	MP3C	X	-72.837	24
95	MP3C	Z	-42.052	24
96	MP3C	Mx	.036	24

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP4A	X	-28.451	36
2	MP4A	Z	-49.279	36
3	MP4A	Mx	.022	36
4	MP4A	X	-28.451	60
5	MP4A	Z	-49.279	60
6	MP4A	Mx	.022	60
7	MP4B	X	-43.441	36
8	MP4B	Z	-75.242	36
9	MP4B	Mx	.008	36
10	MP4B	X	-43.441	60
11	MP4B	Z	-75.242	60
12	MP4B	Mx	.008	60
13	MP4C	X	-20.475	36
14	MP4C	Z	-35.464	36
15	MP4C	Mx	-.019	36
16	MP4C	X	-20.475	60

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
17	MP4C	Z	-35.464	60
18	MP4C	Mx	-.019	60
19	MP1A	X	-28.363	30
20	MP1A	Z	-49.126	30
21	MP1A	Mx	-.022	30
22	MP1B	X	-34.862	30
23	MP1B	Z	-60.383	30
24	MP1B	Mx	-.006	30
25	MP1C	X	-24.905	30
26	MP1C	Z	-43.136	30
27	MP1C	Mx	.023	30
28	MP2A	X	-25.738	30
29	MP2A	Z	-44.58	30
30	MP2A	Mx	-.02	30
31	MP2B	X	-34.727	30
32	MP2B	Z	-60.149	30
33	MP2B	Mx	-.006	30
34	MP2C	X	-20.955	30
35	MP2C	Z	-36.296	30
36	MP2C	Mx	.02	30
37	MP1A	X	-61.56	24
38	MP1A	Z	-106.626	24
39	MP1A	Mx	.093	24
40	MP1A	X	-61.56	72
41	MP1A	Z	-106.626	72
42	MP1A	Mx	.093	72
43	MP1B	X	-76.046	24
44	MP1B	Z	-131.716	24
45	MP1B	Mx	-.074	24
46	MP1B	X	-76.046	72
47	MP1B	Z	-131.716	72
48	MP1B	Mx	-.074	72
49	MP1C	X	-53.853	24
50	MP1C	Z	-93.276	24
51	MP1C	Mx	-.072	24
52	MP1C	X	-53.853	72
53	MP1C	Z	-93.276	72
54	MP1C	Mx	-.072	72
55	MP1A	X	-61.56	24
56	MP1A	Z	-106.626	24
57	MP1A	Mx	.000992	24
58	MP1A	X	-61.56	72
59	MP1A	Z	-106.626	72
60	MP1A	Mx	.000992	72
61	MP1B	X	-76.046	24
62	MP1B	Z	-131.716	24
63	MP1B	Mx	.101	24
64	MP1B	X	-76.046	72
65	MP1B	Z	-131.716	72
66	MP1B	Mx	.101	72
67	MP1C	X	-53.853	24
68	MP1C	Z	-93.276	24
69	MP1C	Mx	-.029	24
70	MP1C	X	-53.853	72
71	MP1C	Z	-93.276	72
72	MP1C	Mx	-.029	72
73	MP5A	X	-61.56	24

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
74	MP5A	Z	-106.626	24
75	MP5A	Mx	.047	24
76	MP5A	X	-61.56	72
77	MP5A	Z	-106.626	72
78	MP5A	Mx	.047	72
79	MP5B	X	-76.046	24
80	MP5B	Z	-131.716	24
81	MP5B	Mx	.013	24
82	MP5B	X	-76.046	72
83	MP5B	Z	-131.716	72
84	MP5B	Mx	.013	72
85	MP5C	X	-53.853	24
86	MP5C	Z	-93.276	24
87	MP5C	Mx	-.051	24
88	MP5C	X	-53.853	72
89	MP5C	Z	-93.276	72
90	MP5C	Mx	-.051	72
91	MP3A	X	-45.235	24
92	MP3A	Z	-78.349	24
93	MP3A	Mx	-.035	24
94	MP3C	X	-37.176	24
95	MP3C	Z	-64.39	24
96	MP3C	Mx	.037	24

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP4A	X	0	36
2	MP4A	Z	-17.997	36
3	MP4A	Mx	.003	36
4	MP4A	X	0	60
5	MP4A	Z	-17.997	60
6	MP4A	Mx	.003	60
7	MP4B	X	0	36
8	MP4B	Z	-14.817	36
9	MP4B	Mx	.005	36
10	MP4B	X	0	60
11	MP4B	Z	-14.817	60
12	MP4B	Mx	.005	60
13	MP4C	X	0	36
14	MP4C	Z	-8.841	36
15	MP4C	Mx	-.004	36
16	MP4C	X	0	60
17	MP4C	Z	-8.841	60
18	MP4C	Mx	-.004	60
19	MP1A	X	0	30
20	MP1A	Z	-16.066	30
21	MP1A	Mx	-.003	30
22	MP1B	X	0	30
23	MP1B	Z	-14.627	30
24	MP1B	Mx	-.005	30
25	MP1C	X	0	30
26	MP1C	Z	-11.922	30
27	MP1C	Mx	.006	30
28	MP2A	X	0	30
29	MP2A	Z	-15.85	30
30	MP2A	Mx	-.003	30

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
31	MP2B	X	0	30
32	MP2B	Z	-13.864	30
33	MP2B	Mx	-.004	30
34	MP2C	X	0	30
35	MP2C	Z	-10.131	30
36	MP2C	Mx	.005	30
37	MP1A	X	0	24
38	MP1A	Z	-31.216	24
39	MP1A	Mx	.022	24
40	MP1A	X	0	72
41	MP1A	Z	-31.216	72
42	MP1A	Mx	.022	72
43	MP1B	X	0	24
44	MP1B	Z	-28.36	24
45	MP1B	Mx	-.004	24
46	MP1B	X	0	72
47	MP1B	Z	-28.36	72
48	MP1B	Mx	-.004	72
49	MP1C	X	0	24
50	MP1C	Z	-22.993	24
51	MP1C	Mx	-.009	24
52	MP1C	X	0	72
53	MP1C	Z	-22.993	72
54	MP1C	Mx	-.009	72
55	MP1A	X	0	24
56	MP1A	Z	-31.216	24
57	MP1A	Mx	-.012	24
58	MP1A	X	0	72
59	MP1A	Z	-31.216	72
60	MP1A	Mx	-.012	72
61	MP1B	X	0	24
62	MP1B	Z	-28.36	24
63	MP1B	Mx	.022	24
64	MP1B	X	0	72
65	MP1B	Z	-28.36	72
66	MP1B	Mx	.022	72
67	MP1C	X	0	24
68	MP1C	Z	-22.993	24
69	MP1C	Mx	-.014	24
70	MP1C	X	0	72
71	MP1C	Z	-22.993	72
72	MP1C	Mx	-.014	72
73	MP5A	X	0	24
74	MP5A	Z	-31.216	24
75	MP5A	Mx	.005	24
76	MP5A	X	0	72
77	MP5A	Z	-31.216	72
78	MP5A	Mx	.005	72
79	MP5B	X	0	24
80	MP5B	Z	-28.36	24
81	MP5B	Mx	.009	24
82	MP5B	X	0	72
83	MP5B	Z	-28.36	72
84	MP5B	Mx	.009	72
85	MP5C	X	0	24
86	MP5C	Z	-22.993	24
87	MP5C	Mx	-.011	24

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
88	MP5C	X	0	72
89	MP5C	Z	-22.993	72
90	MP5C	Mx	-.011	72
91	MP3A	X	0	24
92	MP3A	Z	-24.507	24
93	MP3A	Mx	-.004	24
94	MP3C	X	0	24
95	MP3C	Z	-19.617	24
96	MP3C	Mx	.008	24

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP4A	X	9.464	36
2	MP4A	Z	-16.393	36
3	MP4A	Mx	-.002	36
4	MP4A	X	9.464	60
5	MP4A	Z	-16.393	60
6	MP4A	Mx	-.002	60
7	MP4B	X	4.887	36
8	MP4B	Z	-8.464	36
9	MP4B	Mx	.005	36
10	MP4B	X	4.887	60
11	MP4B	Z	-8.464	60
12	MP4B	Mx	.005	60
13	MP4C	X	6.476	36
14	MP4C	Z	-11.217	36
15	MP4C	Mx	-.005	36
16	MP4C	X	6.476	60
17	MP4C	Z	-11.217	60
18	MP4C	Mx	-.005	60
19	MP1A	X	8.244	30
20	MP1A	Z	-14.279	30
21	MP1A	Mx	.001	30
22	MP1B	X	6.172	30
23	MP1B	Z	-10.69	30
24	MP1B	Mx	-.006	30
25	MP1C	X	6.891	30
26	MP1C	Z	-11.936	30
27	MP1C	Mx	.005	30
28	MP2A	X	8.216	30
29	MP2A	Z	-14.231	30
30	MP2A	Mx	.001	30
31	MP2B	X	5.356	30
32	MP2B	Z	-9.278	30
33	MP2B	Mx	-.005	30
34	MP2C	X	6.35	30
35	MP2C	Z	-10.998	30
36	MP2C	Mx	.005	30
37	MP1A	X	16.027	24
38	MP1A	Z	-27.759	24
39	MP1A	Mx	.016	24
40	MP1A	X	16.027	72
41	MP1A	Z	-27.759	72
42	MP1A	Mx	.016	72
43	MP1B	X	11.915	24
44	MP1B	Z	-20.637	24

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
45	MP1B	Mx	.006	24
46	MP1B	X	11.915	72
47	MP1B	Z	-20.637	72
48	MP1B	Mx	.006	72
49	MP1C	X	13.343	24
50	MP1C	Z	-23.111	24
51	MP1C	Mx	-.000215	24
52	MP1C	X	13.343	72
53	MP1C	Z	-23.111	72
54	MP1C	Mx	-.000215	72
55	MP1A	X	16.027	24
56	MP1A	Z	-27.759	24
57	MP1A	Mx	-.021	24
58	MP1A	X	16.027	72
59	MP1A	Z	-27.759	72
60	MP1A	Mx	-.021	72
61	MP1B	X	11.915	24
62	MP1B	Z	-20.637	24
63	MP1B	Mx	.016	24
64	MP1B	X	11.915	72
65	MP1B	Z	-20.637	72
66	MP1B	Mx	.016	72
67	MP1C	X	13.343	24
68	MP1C	Z	-23.111	24
69	MP1C	Mx	-.02	24
70	MP1C	X	13.343	72
71	MP1C	Z	-23.111	72
72	MP1C	Mx	-.02	72
73	MP5A	X	16.027	24
74	MP5A	Z	-27.759	24
75	MP5A	Mx	-.003	24
76	MP5A	X	16.027	72
77	MP5A	Z	-27.759	72
78	MP5A	Mx	-.003	72
79	MP5B	X	11.915	24
80	MP5B	Z	-20.637	24
81	MP5B	Mx	.011	24
82	MP5B	X	11.915	72
83	MP5B	Z	-20.637	72
84	MP5B	Mx	.011	72
85	MP5C	X	13.343	24
86	MP5C	Z	-23.111	24
87	MP5C	Mx	-.01	24
88	MP5C	X	13.343	72
89	MP5C	Z	-23.111	72
90	MP5C	Mx	-.01	72
91	MP3A	X	12.589	24
92	MP3A	Z	-21.804	24
93	MP3A	Mx	.002	24
94	MP3C	X	11.74	24
95	MP3C	Z	-20.334	24
96	MP3C	Mx	.006	24

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP4A	X	12.832	36

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
2	MP4A	Z	-7.408	36
3	MP4A	Mx	-.005	36
4	MP4A	X	12.832	60
5	MP4A	Z	-7.408	60
6	MP4A	Mx	-.005	60
7	MP4B	X	7.657	36
8	MP4B	Z	-4.421	36
9	MP4B	Mx	.004	36
10	MP4B	X	7.657	60
11	MP4B	Z	-4.421	60
12	MP4B	Mx	.004	60
13	MP4C	X	15.585	36
14	MP4C	Z	-8.998	36
15	MP4C	Mx	-.003	36
16	MP4C	X	15.585	60
17	MP4C	Z	-8.998	60
18	MP4C	Mx	-.003	60
19	MP1A	X	12.667	30
20	MP1A	Z	-7.313	30
21	MP1A	Mx	.005	30
22	MP1B	X	10.324	30
23	MP1B	Z	-5.961	30
24	MP1B	Mx	-.006	30
25	MP1C	X	13.913	30
26	MP1C	Z	-8.033	30
27	MP1C	Mx	.003	30
28	MP2A	X	12.006	30
29	MP2A	Z	-6.932	30
30	MP2A	Mx	.004	30
31	MP2B	X	8.773	30
32	MP2B	Z	-5.065	30
33	MP2B	Mx	-.005	30
34	MP2C	X	13.726	30
35	MP2C	Z	-7.925	30
36	MP2C	Mx	.003	30
37	MP1A	X	24.561	24
38	MP1A	Z	-14.18	24
39	MP1A	Mx	.004	24
40	MP1A	X	24.561	72
41	MP1A	Z	-14.18	72
42	MP1A	Mx	.004	72
43	MP1B	X	19.912	24
44	MP1B	Z	-11.496	24
45	MP1B	Mx	.014	24
46	MP1B	X	19.912	72
47	MP1B	Z	-11.496	72
48	MP1B	Mx	.014	72
49	MP1C	X	27.034	24
50	MP1C	Z	-15.608	24
51	MP1C	Mx	.012	24
52	MP1C	X	27.034	72
53	MP1C	Z	-15.608	72
54	MP1C	Mx	.012	72
55	MP1A	X	24.561	24
56	MP1A	Z	-14.18	24
57	MP1A	Mx	-.022	24
58	MP1A	X	24.561	72

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
59	MP1A	Z	-14.18	72
60	MP1A	Mx	-.022	72
61	MP1B	X	19.912	24
62	MP1B	Z	-11.496	24
63	MP1B	Mx	.009	24
64	MP1B	X	19.912	72
65	MP1B	Z	-11.496	72
66	MP1B	Mx	.009	72
67	MP1C	X	27.034	24
68	MP1C	Z	-15.608	24
69	MP1C	Mx	-.022	24
70	MP1C	X	27.034	72
71	MP1C	Z	-15.608	72
72	MP1C	Mx	-.022	72
73	MP5A	X	24.561	24
74	MP5A	Z	-14.18	24
75	MP5A	Mx	-.009	24
76	MP5A	X	24.561	72
77	MP5A	Z	-14.18	72
78	MP5A	Mx	-.009	72
79	MP5B	X	19.912	24
80	MP5B	Z	-11.496	24
81	MP5B	Mx	.011	24
82	MP5B	X	19.912	72
83	MP5B	Z	-11.496	72
84	MP5B	Mx	.011	72
85	MP5C	X	27.034	24
86	MP5C	Z	-15.608	24
87	MP5C	Mx	-.005	24
88	MP5C	X	27.034	72
89	MP5C	Z	-15.608	72
90	MP5C	Mx	-.005	72
91	MP3A	X	19.242	24
92	MP3A	Z	-11.109	24
93	MP3A	Mx	.007	24
94	MP3C	X	22.006	24
95	MP3C	Z	-12.705	24
96	MP3C	Mx	0	24

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP4A	X	9.773	36
2	MP4A	Z	0	36
3	MP4A	Mx	-.005	36
4	MP4A	X	9.773	60
5	MP4A	Z	0	60
6	MP4A	Mx	-.005	60
7	MP4B	X	12.953	36
8	MP4B	Z	0	36
9	MP4B	Mx	.005	36
10	MP4B	X	12.953	60
11	MP4B	Z	0	60
12	MP4B	Mx	.005	60
13	MP4C	X	18.929	36
14	MP4C	Z	0	36
15	MP4C	Mx	.002	36

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
16	MP4C	X	18.929	60
17	MP4C	Z	0	60
18	MP4C	Mx	.002	60
19	MP1A	X	12.343	30
20	MP1A	Z	0	30
21	MP1A	Mx	.006	30
22	MP1B	X	13.783	30
23	MP1B	Z	0	30
24	MP1B	Mx	-.005	30
25	MP1C	X	16.488	30
26	MP1C	Z	0	30
27	MP1C	Mx	-.001	30
28	MP2A	X	10.713	30
29	MP2A	Z	0	30
30	MP2A	Mx	.005	30
31	MP2B	X	12.699	30
32	MP2B	Z	0	30
33	MP2B	Mx	-.005	30
34	MP2C	X	16.432	30
35	MP2C	Z	0	30
36	MP2C	Mx	-.001	30
37	MP1A	X	23.83	24
38	MP1A	Z	0	24
39	MP1A	Mx	-.006	24
40	MP1A	X	23.83	72
41	MP1A	Z	0	72
42	MP1A	Mx	-.006	72
43	MP1B	X	26.686	24
44	MP1B	Z	0	24
45	MP1B	Mx	.02	24
46	MP1B	X	26.686	72
47	MP1B	Z	0	72
48	MP1B	Mx	.02	72
49	MP1C	X	32.053	24
50	MP1C	Z	0	24
51	MP1C	Mx	.021	24
52	MP1C	X	32.053	72
53	MP1C	Z	0	72
54	MP1C	Mx	.021	72
55	MP1A	X	23.83	24
56	MP1A	Z	0	24
57	MP1A	Mx	-.016	24
58	MP1A	X	23.83	72
59	MP1A	Z	0	72
60	MP1A	Mx	-.016	72
61	MP1B	X	26.686	24
62	MP1B	Z	0	24
63	MP1B	Mx	.000215	24
64	MP1B	X	26.686	72
65	MP1B	Z	0	72
66	MP1B	Mx	.000215	72
67	MP1C	X	32.053	24
68	MP1C	Z	0	24
69	MP1C	Mx	-.016	24
70	MP1C	X	32.053	72
71	MP1C	Z	0	72
72	MP1C	Mx	-.016	72

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
73	MP5A	X	23.83	24
74	MP5A	Z	0	24
75	MP5A	Mx	-.011	24
76	MP5A	X	23.83	72
77	MP5A	Z	0	72
78	MP5A	Mx	-.011	72
79	MP5B	X	26.686	24
80	MP5B	Z	0	24
81	MP5B	Mx	.01	24
82	MP5B	X	26.686	72
83	MP5B	Z	0	72
84	MP5B	Mx	.01	72
85	MP5C	X	32.053	24
86	MP5C	Z	0	24
87	MP5C	Mx	.003	24
88	MP5C	X	32.053	72
89	MP5C	Z	0	72
90	MP5C	Mx	.003	72
91	MP3A	X	18.59	24
92	MP3A	Z	0	24
93	MP3A	Mx	.009	24
94	MP3C	X	23.479	24
95	MP3C	Z	0	24
96	MP3C	Mx	-.006	24

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP4A	X	7.657	36
2	MP4A	Z	4.421	36
3	MP4A	Mx	-.004	36
4	MP4A	X	7.657	60
5	MP4A	Z	4.421	60
6	MP4A	Mx	-.004	60
7	MP4B	X	15.585	36
8	MP4B	Z	8.998	36
9	MP4B	Mx	.003	36
10	MP4B	X	15.585	60
11	MP4B	Z	8.998	60
12	MP4B	Mx	.003	60
13	MP4C	X	12.832	36
14	MP4C	Z	7.408	36
15	MP4C	Mx	.005	36
16	MP4C	X	12.832	60
17	MP4C	Z	7.408	60
18	MP4C	Mx	.005	60
19	MP1A	X	10.324	30
20	MP1A	Z	5.961	30
21	MP1A	Mx	.006	30
22	MP1B	X	13.913	30
23	MP1B	Z	8.033	30
24	MP1B	Mx	-.003	30
25	MP1C	X	12.667	30
26	MP1C	Z	7.313	30
27	MP1C	Mx	-.005	30
28	MP2A	X	8.773	30
29	MP2A	Z	5.065	30

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
30	MP2A	Mx	.005	30
31	MP2B	X	13.726	30
32	MP2B	Z	7.925	30
33	MP2B	Mx	-.003	30
34	MP2C	X	12.006	30
35	MP2C	Z	6.932	30
36	MP2C	Mx	-.004	30
37	MP1A	X	19.912	24
38	MP1A	Z	11.496	24
39	MP1A	Mx	-.014	24
40	MP1A	X	19.912	72
41	MP1A	Z	11.496	72
42	MP1A	Mx	-.014	72
43	MP1B	X	27.034	24
44	MP1B	Z	15.608	24
45	MP1B	Mx	.022	24
46	MP1B	X	27.034	72
47	MP1B	Z	15.608	72
48	MP1B	Mx	.022	72
49	MP1C	X	24.561	24
50	MP1C	Z	14.18	24
51	MP1C	Mx	.022	24
52	MP1C	X	24.561	72
53	MP1C	Z	14.18	72
54	MP1C	Mx	.022	72
55	MP1A	X	19.912	24
56	MP1A	Z	11.496	24
57	MP1A	Mx	-.009	24
58	MP1A	X	19.912	72
59	MP1A	Z	11.496	72
60	MP1A	Mx	-.009	72
61	MP1B	X	27.034	24
62	MP1B	Z	15.608	24
63	MP1B	Mx	-.012	24
64	MP1B	X	27.034	72
65	MP1B	Z	15.608	72
66	MP1B	Mx	-.012	72
67	MP1C	X	24.561	24
68	MP1C	Z	14.18	24
69	MP1C	Mx	-.004	24
70	MP1C	X	24.561	72
71	MP1C	Z	14.18	72
72	MP1C	Mx	-.004	72
73	MP5A	X	19.912	24
74	MP5A	Z	11.496	24
75	MP5A	Mx	-.011	24
76	MP5A	X	19.912	72
77	MP5A	Z	11.496	72
78	MP5A	Mx	-.011	72
79	MP5B	X	27.034	24
80	MP5B	Z	15.608	24
81	MP5B	Mx	.005	24
82	MP5B	X	27.034	72
83	MP5B	Z	15.608	72
84	MP5B	Mx	.005	72
85	MP5C	X	24.561	24
86	MP5C	Z	14.18	24

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
87	MP5C	Mx	.009	24
88	MP5C	X	24.561	72
89	MP5C	Z	14.18	72
90	MP5C	Mx	.009	72
91	MP3A	X	15.518	24
92	MP3A	Z	8.96	24
93	MP3A	Mx	.009	24
94	MP3C	X	16.989	24
95	MP3C	Z	9.809	24
96	MP3C	Mx	-.008	24

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP4A	X	6.476	36
2	MP4A	Z	11.217	36
3	MP4A	Mx	-.005	36
4	MP4A	X	6.476	60
5	MP4A	Z	11.217	60
6	MP4A	Mx	-.005	60
7	MP4B	X	9.464	36
8	MP4B	Z	16.393	36
9	MP4B	Mx	-.002	36
10	MP4B	X	9.464	60
11	MP4B	Z	16.393	60
12	MP4B	Mx	-.002	60
13	MP4C	X	4.887	36
14	MP4C	Z	8.464	36
15	MP4C	Mx	.005	36
16	MP4C	X	4.887	60
17	MP4C	Z	8.464	60
18	MP4C	Mx	.005	60
19	MP1A	X	6.891	30
20	MP1A	Z	11.936	30
21	MP1A	Mx	.005	30
22	MP1B	X	8.244	30
23	MP1B	Z	14.279	30
24	MP1B	Mx	.001	30
25	MP1C	X	6.172	30
26	MP1C	Z	10.69	30
27	MP1C	Mx	-.006	30
28	MP2A	X	6.35	30
29	MP2A	Z	10.998	30
30	MP2A	Mx	.005	30
31	MP2B	X	8.216	30
32	MP2B	Z	14.231	30
33	MP2B	Mx	.001	30
34	MP2C	X	5.356	30
35	MP2C	Z	9.278	30
36	MP2C	Mx	-.005	30
37	MP1A	X	13.343	24
38	MP1A	Z	23.111	24
39	MP1A	Mx	-.02	24
40	MP1A	X	13.343	72
41	MP1A	Z	23.111	72
42	MP1A	Mx	-.02	72
43	MP1B	X	16.027	24

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
44	MP1B	Z	27.759	24
45	MP1B	Mx	.016	24
46	MP1B	X	16.027	72
47	MP1B	Z	27.759	72
48	MP1B	Mx	.016	72
49	MP1C	X	11.915	24
50	MP1C	Z	20.637	24
51	MP1C	Mx	.016	24
52	MP1C	X	11.915	72
53	MP1C	Z	20.637	72
54	MP1C	Mx	.016	72
55	MP1A	X	13.343	24
56	MP1A	Z	23.111	24
57	MP1A	Mx	-.000215	24
58	MP1A	X	13.343	72
59	MP1A	Z	23.111	72
60	MP1A	Mx	-.000215	72
61	MP1B	X	16.027	24
62	MP1B	Z	27.759	24
63	MP1B	Mx	-.021	24
64	MP1B	X	16.027	72
65	MP1B	Z	27.759	72
66	MP1B	Mx	-.021	72
67	MP1C	X	11.915	24
68	MP1C	Z	20.637	24
69	MP1C	Mx	.006	24
70	MP1C	X	11.915	72
71	MP1C	Z	20.637	72
72	MP1C	Mx	.006	72
73	MP5A	X	13.343	24
74	MP5A	Z	23.111	24
75	MP5A	Mx	-.01	24
76	MP5A	X	13.343	72
77	MP5A	Z	23.111	72
78	MP5A	Mx	-.01	72
79	MP5B	X	16.027	24
80	MP5B	Z	27.759	24
81	MP5B	Mx	-.003	24
82	MP5B	X	16.027	72
83	MP5B	Z	27.759	72
84	MP5B	Mx	-.003	72
85	MP5C	X	11.915	24
86	MP5C	Z	20.637	24
87	MP5C	Mx	.011	24
88	MP5C	X	11.915	72
89	MP5C	Z	20.637	72
90	MP5C	Mx	.011	72
91	MP3A	X	10.439	24
92	MP3A	Z	18.08	24
93	MP3A	Mx	.008	24
94	MP3C	X	8.843	24
95	MP3C	Z	15.317	24
96	MP3C	Mx	-.009	24

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

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

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP4A	X	0	36
2	MP4A	Z	17.997	36
3	MP4A	Mx	-.003	36
4	MP4A	X	0	60
5	MP4A	Z	17.997	60
6	MP4A	Mx	-.003	60
7	MP4B	X	0	36
8	MP4B	Z	14.817	36
9	MP4B	Mx	-.005	36
10	MP4B	X	0	60
11	MP4B	Z	14.817	60
12	MP4B	Mx	-.005	60
13	MP4C	X	0	36
14	MP4C	Z	8.841	36
15	MP4C	Mx	.004	36
16	MP4C	X	0	60
17	MP4C	Z	8.841	60
18	MP4C	Mx	.004	60
19	MP1A	X	0	30
20	MP1A	Z	16.066	30
21	MP1A	Mx	.003	30
22	MP1B	X	0	30
23	MP1B	Z	14.627	30
24	MP1B	Mx	.005	30
25	MP1C	X	0	30
26	MP1C	Z	11.922	30
27	MP1C	Mx	-.006	30
28	MP2A	X	0	30
29	MP2A	Z	15.85	30
30	MP2A	Mx	.003	30
31	MP2B	X	0	30
32	MP2B	Z	13.864	30
33	MP2B	Mx	.004	30
34	MP2C	X	0	30
35	MP2C	Z	10.131	30
36	MP2C	Mx	-.005	30
37	MP1A	X	0	24
38	MP1A	Z	31.216	24
39	MP1A	Mx	-.022	24
40	MP1A	X	0	72
41	MP1A	Z	31.216	72
42	MP1A	Mx	-.022	72
43	MP1B	X	0	24
44	MP1B	Z	28.36	24
45	MP1B	Mx	.004	24
46	MP1B	X	0	72
47	MP1B	Z	28.36	72
48	MP1B	Mx	.004	72
49	MP1C	X	0	24
50	MP1C	Z	22.993	24
51	MP1C	Mx	.009	24
52	MP1C	X	0	72
53	MP1C	Z	22.993	72
54	MP1C	Mx	.009	72
55	MP1A	X	0	24
56	MP1A	Z	31.216	24
57	MP1A	Mx	.012	24

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
58	MP1A	X	0	72
59	MP1A	Z	31.216	72
60	MP1A	Mx	.012	72
61	MP1B	X	0	24
62	MP1B	Z	28.36	24
63	MP1B	Mx	-.022	24
64	MP1B	X	0	72
65	MP1B	Z	28.36	72
66	MP1B	Mx	-.022	72
67	MP1C	X	0	24
68	MP1C	Z	22.993	24
69	MP1C	Mx	.014	24
70	MP1C	X	0	72
71	MP1C	Z	22.993	72
72	MP1C	Mx	.014	72
73	MP5A	X	0	24
74	MP5A	Z	31.216	24
75	MP5A	Mx	-.005	24
76	MP5A	X	0	72
77	MP5A	Z	31.216	72
78	MP5A	Mx	-.005	72
79	MP5B	X	0	24
80	MP5B	Z	28.36	24
81	MP5B	Mx	-.009	24
82	MP5B	X	0	72
83	MP5B	Z	28.36	72
84	MP5B	Mx	-.009	72
85	MP5C	X	0	24
86	MP5C	Z	22.993	24
87	MP5C	Mx	.011	24
88	MP5C	X	0	72
89	MP5C	Z	22.993	72
90	MP5C	Mx	.011	72
91	MP3A	X	0	24
92	MP3A	Z	24.507	24
93	MP3A	Mx	.004	24
94	MP3C	X	0	24
95	MP3C	Z	19.617	24
96	MP3C	Mx	-.008	24

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP4A	X	-9.464	36
2	MP4A	Z	16.393	36
3	MP4A	Mx	.002	36
4	MP4A	X	-9.464	60
5	MP4A	Z	16.393	60
6	MP4A	Mx	.002	60
7	MP4B	X	-4.887	36
8	MP4B	Z	8.464	36
9	MP4B	Mx	-.005	36
10	MP4B	X	-4.887	60
11	MP4B	Z	8.464	60
12	MP4B	Mx	-.005	60
13	MP4C	X	-6.476	36
14	MP4C	Z	11.217	36

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
15	MP4C	Mx	.005	36
16	MP4C	X	-6.476	60
17	MP4C	Z	11.217	60
18	MP4C	Mx	.005	60
19	MP1A	X	-8.244	30
20	MP1A	Z	14.279	30
21	MP1A	Mx	-.001	30
22	MP1B	X	-6.172	30
23	MP1B	Z	10.69	30
24	MP1B	Mx	.006	30
25	MP1C	X	-6.891	30
26	MP1C	Z	11.936	30
27	MP1C	Mx	-.005	30
28	MP2A	X	-8.216	30
29	MP2A	Z	14.231	30
30	MP2A	Mx	-.001	30
31	MP2B	X	-5.356	30
32	MP2B	Z	9.278	30
33	MP2B	Mx	.005	30
34	MP2C	X	-6.35	30
35	MP2C	Z	10.998	30
36	MP2C	Mx	-.005	30
37	MP1A	X	-16.027	24
38	MP1A	Z	27.759	24
39	MP1A	Mx	-.016	24
40	MP1A	X	-16.027	72
41	MP1A	Z	27.759	72
42	MP1A	Mx	-.016	72
43	MP1B	X	-11.915	24
44	MP1B	Z	20.637	24
45	MP1B	Mx	-.006	24
46	MP1B	X	-11.915	72
47	MP1B	Z	20.637	72
48	MP1B	Mx	-.006	72
49	MP1C	X	-13.343	24
50	MP1C	Z	23.111	24
51	MP1C	Mx	.000215	24
52	MP1C	X	-13.343	72
53	MP1C	Z	23.111	72
54	MP1C	Mx	.000215	72
55	MP1A	X	-16.027	24
56	MP1A	Z	27.759	24
57	MP1A	Mx	.021	24
58	MP1A	X	-16.027	72
59	MP1A	Z	27.759	72
60	MP1A	Mx	.021	72
61	MP1B	X	-11.915	24
62	MP1B	Z	20.637	24
63	MP1B	Mx	-.016	24
64	MP1B	X	-11.915	72
65	MP1B	Z	20.637	72
66	MP1B	Mx	-.016	72
67	MP1C	X	-13.343	24
68	MP1C	Z	23.111	24
69	MP1C	Mx	.02	24
70	MP1C	X	-13.343	72
71	MP1C	Z	23.111	72

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
72	MP1C	Mx	.02	72
73	MP5A	X	-16.027	24
74	MP5A	Z	27.759	24
75	MP5A	Mx	.003	24
76	MP5A	X	-16.027	72
77	MP5A	Z	27.759	72
78	MP5A	Mx	.003	72
79	MP5B	X	-11.915	24
80	MP5B	Z	20.637	24
81	MP5B	Mx	-.011	24
82	MP5B	X	-11.915	72
83	MP5B	Z	20.637	72
84	MP5B	Mx	-.011	72
85	MP5C	X	-13.343	24
86	MP5C	Z	23.111	24
87	MP5C	Mx	.01	24
88	MP5C	X	-13.343	72
89	MP5C	Z	23.111	72
90	MP5C	Mx	.01	72
91	MP3A	X	-12.589	24
92	MP3A	Z	21.804	24
93	MP3A	Mx	-.002	24
94	MP3C	X	-11.74	24
95	MP3C	Z	20.334	24
96	MP3C	Mx	-.006	24

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP4A	X	-12.832	36
2	MP4A	Z	7.408	36
3	MP4A	Mx	.005	36
4	MP4A	X	-12.832	60
5	MP4A	Z	7.408	60
6	MP4A	Mx	.005	60
7	MP4B	X	-7.657	36
8	MP4B	Z	4.421	36
9	MP4B	Mx	-.004	36
10	MP4B	X	-7.657	60
11	MP4B	Z	4.421	60
12	MP4B	Mx	-.004	60
13	MP4C	X	-15.585	36
14	MP4C	Z	8.998	36
15	MP4C	Mx	.003	36
16	MP4C	X	-15.585	60
17	MP4C	Z	8.998	60
18	MP4C	Mx	.003	60
19	MP1A	X	-12.667	30
20	MP1A	Z	7.313	30
21	MP1A	Mx	-.005	30
22	MP1B	X	-10.324	30
23	MP1B	Z	5.961	30
24	MP1B	Mx	.006	30
25	MP1C	X	-13.913	30
26	MP1C	Z	8.033	30
27	MP1C	Mx	-.003	30
28	MP2A	X	-12.006	30

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
29	MP2A	Z	6.932	30
30	MP2A	Mx	-.004	30
31	MP2B	X	-8.773	30
32	MP2B	Z	5.065	30
33	MP2B	Mx	.005	30
34	MP2C	X	-13.726	30
35	MP2C	Z	7.925	30
36	MP2C	Mx	-.003	30
37	MP1A	X	-24.561	24
38	MP1A	Z	14.18	24
39	MP1A	Mx	-.004	24
40	MP1A	X	-24.561	72
41	MP1A	Z	14.18	72
42	MP1A	Mx	-.004	72
43	MP1B	X	-19.912	24
44	MP1B	Z	11.496	24
45	MP1B	Mx	-.014	24
46	MP1B	X	-19.912	72
47	MP1B	Z	11.496	72
48	MP1B	Mx	-.014	72
49	MP1C	X	-27.034	24
50	MP1C	Z	15.608	24
51	MP1C	Mx	-.012	24
52	MP1C	X	-27.034	72
53	MP1C	Z	15.608	72
54	MP1C	Mx	-.012	72
55	MP1A	X	-24.561	24
56	MP1A	Z	14.18	24
57	MP1A	Mx	.022	24
58	MP1A	X	-24.561	72
59	MP1A	Z	14.18	72
60	MP1A	Mx	.022	72
61	MP1B	X	-19.912	24
62	MP1B	Z	11.496	24
63	MP1B	Mx	-.009	24
64	MP1B	X	-19.912	72
65	MP1B	Z	11.496	72
66	MP1B	Mx	-.009	72
67	MP1C	X	-27.034	24
68	MP1C	Z	15.608	24
69	MP1C	Mx	.022	24
70	MP1C	X	-27.034	72
71	MP1C	Z	15.608	72
72	MP1C	Mx	.022	72
73	MP5A	X	-24.561	24
74	MP5A	Z	14.18	24
75	MP5A	Mx	.009	24
76	MP5A	X	-24.561	72
77	MP5A	Z	14.18	72
78	MP5A	Mx	.009	72
79	MP5B	X	-19.912	24
80	MP5B	Z	11.496	24
81	MP5B	Mx	-.011	24
82	MP5B	X	-19.912	72
83	MP5B	Z	11.496	72
84	MP5B	Mx	-.011	72
85	MP5C	X	-27.034	24

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
86	MP5C	Z	15.608	24
87	MP5C	Mx	.005	24
88	MP5C	X	-27.034	72
89	MP5C	Z	15.608	72
90	MP5C	Mx	.005	72
91	MP3A	X	-19.242	24
92	MP3A	Z	11.109	24
93	MP3A	Mx	-.007	24
94	MP3C	X	-22.006	24
95	MP3C	Z	12.705	24
96	MP3C	Mx	0	24

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP4A	X	-9.773	36
2	MP4A	Z	0	36
3	MP4A	Mx	.005	36
4	MP4A	X	-9.773	60
5	MP4A	Z	0	60
6	MP4A	Mx	.005	60
7	MP4B	X	-12.953	36
8	MP4B	Z	0	36
9	MP4B	Mx	-.005	36
10	MP4B	X	-12.953	60
11	MP4B	Z	0	60
12	MP4B	Mx	-.005	60
13	MP4C	X	-18.929	36
14	MP4C	Z	0	36
15	MP4C	Mx	-.002	36
16	MP4C	X	-18.929	60
17	MP4C	Z	0	60
18	MP4C	Mx	-.002	60
19	MP1A	X	-12.343	30
20	MP1A	Z	0	30
21	MP1A	Mx	-.006	30
22	MP1B	X	-13.783	30
23	MP1B	Z	0	30
24	MP1B	Mx	.005	30
25	MP1C	X	-16.488	30
26	MP1C	Z	0	30
27	MP1C	Mx	.001	30
28	MP2A	X	-10.713	30
29	MP2A	Z	0	30
30	MP2A	Mx	-.005	30
31	MP2B	X	-12.699	30
32	MP2B	Z	0	30
33	MP2B	Mx	.005	30
34	MP2C	X	-16.432	30
35	MP2C	Z	0	30
36	MP2C	Mx	.001	30
37	MP1A	X	-23.83	24
38	MP1A	Z	0	24
39	MP1A	Mx	.006	24
40	MP1A	X	-23.83	72
41	MP1A	Z	0	72
42	MP1A	Mx	.006	72

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
43	MP1B	X	-26.686	24
44	MP1B	Z	0	24
45	MP1B	Mx	-.02	24
46	MP1B	X	-26.686	72
47	MP1B	Z	0	72
48	MP1B	Mx	-.02	72
49	MP1C	X	-32.053	24
50	MP1C	Z	0	24
51	MP1C	Mx	-.021	24
52	MP1C	X	-32.053	72
53	MP1C	Z	0	72
54	MP1C	Mx	-.021	72
55	MP1A	X	-23.83	24
56	MP1A	Z	0	24
57	MP1A	Mx	.016	24
58	MP1A	X	-23.83	72
59	MP1A	Z	0	72
60	MP1A	Mx	.016	72
61	MP1B	X	-26.686	24
62	MP1B	Z	0	24
63	MP1B	Mx	-.000215	24
64	MP1B	X	-26.686	72
65	MP1B	Z	0	72
66	MP1B	Mx	-.000215	72
67	MP1C	X	-32.053	24
68	MP1C	Z	0	24
69	MP1C	Mx	.016	24
70	MP1C	X	-32.053	72
71	MP1C	Z	0	72
72	MP1C	Mx	.016	72
73	MP5A	X	-23.83	24
74	MP5A	Z	0	24
75	MP5A	Mx	.011	24
76	MP5A	X	-23.83	72
77	MP5A	Z	0	72
78	MP5A	Mx	.011	72
79	MP5B	X	-26.686	24
80	MP5B	Z	0	24
81	MP5B	Mx	-.01	24
82	MP5B	X	-26.686	72
83	MP5B	Z	0	72
84	MP5B	Mx	-.01	72
85	MP5C	X	-32.053	24
86	MP5C	Z	0	24
87	MP5C	Mx	-.003	24
88	MP5C	X	-32.053	72
89	MP5C	Z	0	72
90	MP5C	Mx	-.003	72
91	MP3A	X	-18.59	24
92	MP3A	Z	0	24
93	MP3A	Mx	-.009	24
94	MP3C	X	-23.479	24
95	MP3C	Z	0	24
96	MP3C	Mx	.006	24

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

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

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP4A	X	-7.657	36
2	MP4A	Z	-4.421	36
3	MP4A	Mx	.004	36
4	MP4A	X	-7.657	60
5	MP4A	Z	-4.421	60
6	MP4A	Mx	.004	60
7	MP4B	X	-15.585	36
8	MP4B	Z	-8.998	36
9	MP4B	Mx	-.003	36
10	MP4B	X	-15.585	60
11	MP4B	Z	-8.998	60
12	MP4B	Mx	-.003	60
13	MP4C	X	-12.832	36
14	MP4C	Z	-7.408	36
15	MP4C	Mx	-.005	36
16	MP4C	X	-12.832	60
17	MP4C	Z	-7.408	60
18	MP4C	Mx	-.005	60
19	MP1A	X	-10.324	30
20	MP1A	Z	-5.961	30
21	MP1A	Mx	-.006	30
22	MP1B	X	-13.913	30
23	MP1B	Z	-8.033	30
24	MP1B	Mx	.003	30
25	MP1C	X	-12.667	30
26	MP1C	Z	-7.313	30
27	MP1C	Mx	.005	30
28	MP2A	X	-8.773	30
29	MP2A	Z	-5.065	30
30	MP2A	Mx	-.005	30
31	MP2B	X	-13.726	30
32	MP2B	Z	-7.925	30
33	MP2B	Mx	.003	30
34	MP2C	X	-12.006	30
35	MP2C	Z	-6.932	30
36	MP2C	Mx	.004	30
37	MP1A	X	-19.912	24
38	MP1A	Z	-11.496	24
39	MP1A	Mx	.014	24
40	MP1A	X	-19.912	72
41	MP1A	Z	-11.496	72
42	MP1A	Mx	.014	72
43	MP1B	X	-27.034	24
44	MP1B	Z	-15.608	24
45	MP1B	Mx	-.022	24
46	MP1B	X	-27.034	72
47	MP1B	Z	-15.608	72
48	MP1B	Mx	-.022	72
49	MP1C	X	-24.561	24
50	MP1C	Z	-14.18	24
51	MP1C	Mx	-.022	24
52	MP1C	X	-24.561	72
53	MP1C	Z	-14.18	72
54	MP1C	Mx	-.022	72
55	MP1A	X	-19.912	24
56	MP1A	Z	-11.496	24
57	MP1A	Mx	.009	24

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
58	MP1A	X	-19.912	72
59	MP1A	Z	-11.496	72
60	MP1A	Mx	.009	72
61	MP1B	X	-27.034	24
62	MP1B	Z	-15.608	24
63	MP1B	Mx	.012	24
64	MP1B	X	-27.034	72
65	MP1B	Z	-15.608	72
66	MP1B	Mx	.012	72
67	MP1C	X	-24.561	24
68	MP1C	Z	-14.18	24
69	MP1C	Mx	.004	24
70	MP1C	X	-24.561	72
71	MP1C	Z	-14.18	72
72	MP1C	Mx	.004	72
73	MP5A	X	-19.912	24
74	MP5A	Z	-11.496	24
75	MP5A	Mx	.011	24
76	MP5A	X	-19.912	72
77	MP5A	Z	-11.496	72
78	MP5A	Mx	.011	72
79	MP5B	X	-27.034	24
80	MP5B	Z	-15.608	24
81	MP5B	Mx	-.005	24
82	MP5B	X	-27.034	72
83	MP5B	Z	-15.608	72
84	MP5B	Mx	-.005	72
85	MP5C	X	-24.561	24
86	MP5C	Z	-14.18	24
87	MP5C	Mx	-.009	24
88	MP5C	X	-24.561	72
89	MP5C	Z	-14.18	72
90	MP5C	Mx	-.009	72
91	MP3A	X	-15.518	24
92	MP3A	Z	-8.96	24
93	MP3A	Mx	-.009	24
94	MP3C	X	-16.989	24
95	MP3C	Z	-9.809	24
96	MP3C	Mx	.008	24

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP4A	X	-6.476	36
2	MP4A	Z	-11.217	36
3	MP4A	Mx	.005	36
4	MP4A	X	-6.476	60
5	MP4A	Z	-11.217	60
6	MP4A	Mx	.005	60
7	MP4B	X	-9.464	36
8	MP4B	Z	-16.393	36
9	MP4B	Mx	.002	36
10	MP4B	X	-9.464	60
11	MP4B	Z	-16.393	60
12	MP4B	Mx	.002	60
13	MP4C	X	-4.887	36
14	MP4C	Z	-8.464	36

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
15	MP4C	Mx	-.005	36
16	MP4C	X	-4.887	60
17	MP4C	Z	-8.464	60
18	MP4C	Mx	-.005	60
19	MP1A	X	-6.891	30
20	MP1A	Z	-11.936	30
21	MP1A	Mx	-.005	30
22	MP1B	X	-8.244	30
23	MP1B	Z	-14.279	30
24	MP1B	Mx	-.001	30
25	MP1C	X	-6.172	30
26	MP1C	Z	-10.69	30
27	MP1C	Mx	.006	30
28	MP2A	X	-6.35	30
29	MP2A	Z	-10.998	30
30	MP2A	Mx	-.005	30
31	MP2B	X	-8.216	30
32	MP2B	Z	-14.231	30
33	MP2B	Mx	-.001	30
34	MP2C	X	-5.356	30
35	MP2C	Z	-9.278	30
36	MP2C	Mx	.005	30
37	MP1A	X	-13.343	24
38	MP1A	Z	-23.111	24
39	MP1A	Mx	.02	24
40	MP1A	X	-13.343	72
41	MP1A	Z	-23.111	72
42	MP1A	Mx	.02	72
43	MP1B	X	-16.027	24
44	MP1B	Z	-27.759	24
45	MP1B	Mx	-.016	24
46	MP1B	X	-16.027	72
47	MP1B	Z	-27.759	72
48	MP1B	Mx	-.016	72
49	MP1C	X	-11.915	24
50	MP1C	Z	-20.637	24
51	MP1C	Mx	-.016	24
52	MP1C	X	-11.915	72
53	MP1C	Z	-20.637	72
54	MP1C	Mx	-.016	72
55	MP1A	X	-13.343	24
56	MP1A	Z	-23.111	24
57	MP1A	Mx	.000215	24
58	MP1A	X	-13.343	72
59	MP1A	Z	-23.111	72
60	MP1A	Mx	.000215	72
61	MP1B	X	-16.027	24
62	MP1B	Z	-27.759	24
63	MP1B	Mx	.021	24
64	MP1B	X	-16.027	72
65	MP1B	Z	-27.759	72
66	MP1B	Mx	.021	72
67	MP1C	X	-11.915	24
68	MP1C	Z	-20.637	24
69	MP1C	Mx	-.006	24
70	MP1C	X	-11.915	72
71	MP1C	Z	-20.637	72

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
72	MP1C	Mx	-.006	72
73	MP5A	X	-13.343	24
74	MP5A	Z	-23.111	24
75	MP5A	Mx	.01	24
76	MP5A	X	-13.343	72
77	MP5A	Z	-23.111	72
78	MP5A	Mx	.01	72
79	MP5B	X	-16.027	24
80	MP5B	Z	-27.759	24
81	MP5B	Mx	.003	24
82	MP5B	X	-16.027	72
83	MP5B	Z	-27.759	72
84	MP5B	Mx	.003	72
85	MP5C	X	-11.915	24
86	MP5C	Z	-20.637	24
87	MP5C	Mx	-.011	24
88	MP5C	X	-11.915	72
89	MP5C	Z	-20.637	72
90	MP5C	Mx	-.011	72
91	MP3A	X	-10.439	24
92	MP3A	Z	-18.08	24
93	MP3A	Mx	-.008	24
94	MP3C	X	-8.843	24
95	MP3C	Z	-15.317	24
96	MP3C	Mx	.009	24

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP4A	X	0	36
2	MP4A	Z	-5.405	36
3	MP4A	Mx	.000924	36
4	MP4A	X	0	60
5	MP4A	Z	-5.405	60
6	MP4A	Mx	.000924	60
7	MP4B	X	0	36
8	MP4B	Z	-4.356	36
9	MP4B	Mx	.001	36
10	MP4B	X	0	60
11	MP4B	Z	-4.356	60
12	MP4B	Mx	.001	60
13	MP4C	X	0	36
14	MP4C	Z	-2.385	36
15	MP4C	Mx	-.001	36
16	MP4C	X	0	60
17	MP4C	Z	-2.385	60
18	MP4C	Mx	-.001	60
19	MP1A	X	0	30
20	MP1A	Z	-4.451	30
21	MP1A	Mx	-.000761	30
22	MP1B	X	0	30
23	MP1B	Z	-3.996	30
24	MP1B	Mx	-.001	30
25	MP1C	X	0	30
26	MP1C	Z	-3.141	30
27	MP1C	Mx	.002	30
28	MP2A	X	0	30

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
29	MP2A	Z	-4.382	30
30	MP2A	Mx	-.000749	30
31	MP2B	X	0	30
32	MP2B	Z	-3.753	30
33	MP2B	Mx	-.001	30
34	MP2C	X	0	30
35	MP2C	Z	-2.571	30
36	MP2C	Mx	.001	30
37	MP1A	X	0	24
38	MP1A	Z	-9.702	24
39	MP1A	Mx	.007	24
40	MP1A	X	0	72
41	MP1A	Z	-9.702	72
42	MP1A	Mx	.007	72
43	MP1B	X	0	24
44	MP1B	Z	-8.689	24
45	MP1B	Mx	-.001	24
46	MP1B	X	0	72
47	MP1B	Z	-8.689	72
48	MP1B	Mx	-.001	72
49	MP1C	X	0	24
50	MP1C	Z	-6.784	24
51	MP1C	Mx	-.003	24
52	MP1C	X	0	72
53	MP1C	Z	-6.784	72
54	MP1C	Mx	-.003	72
55	MP1A	X	0	24
56	MP1A	Z	-9.702	24
57	MP1A	Mx	-.004	24
58	MP1A	X	0	72
59	MP1A	Z	-9.702	72
60	MP1A	Mx	-.004	72
61	MP1B	X	0	24
62	MP1B	Z	-8.689	24
63	MP1B	Mx	.007	24
64	MP1B	X	0	72
65	MP1B	Z	-8.689	72
66	MP1B	Mx	.007	72
67	MP1C	X	0	24
68	MP1C	Z	-6.784	24
69	MP1C	Mx	-.004	24
70	MP1C	X	0	72
71	MP1C	Z	-6.784	72
72	MP1C	Mx	-.004	72
73	MP5A	X	0	24
74	MP5A	Z	-9.702	24
75	MP5A	Mx	.002	24
76	MP5A	X	0	72
77	MP5A	Z	-9.702	72
78	MP5A	Mx	.002	72
79	MP5B	X	0	24
80	MP5B	Z	-8.689	24
81	MP5B	Mx	.003	24
82	MP5B	X	0	72
83	MP5B	Z	-8.689	72
84	MP5B	Mx	.003	72
85	MP5C	X	0	24

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
86	MP5C	Z	-6.784	24
87	MP5C	Mx	-.003	24
88	MP5C	X	0	72
89	MP5C	Z	-6.784	72
90	MP5C	Mx	-.003	72
91	MP3A	X	0	24
92	MP3A	Z	-7.153	24
93	MP3A	Mx	-.001	24
94	MP3C	X	0	24
95	MP3C	Z	-5.53	24
96	MP3C	Mx	.002	24

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP4A	X	2.856	36
2	MP4A	Z	-4.947	36
3	MP4A	Mx	-.000496	36
4	MP4A	X	2.856	60
5	MP4A	Z	-4.947	60
6	MP4A	Mx	-.000496	60
7	MP4B	X	1.346	36
8	MP4B	Z	-2.332	36
9	MP4B	Mx	.001	36
10	MP4B	X	1.346	60
11	MP4B	Z	-2.332	60
12	MP4B	Mx	.001	60
13	MP4C	X	1.871	36
14	MP4C	Z	-3.24	36
15	MP4C	Mx	-.001	36
16	MP4C	X	1.871	60
17	MP4C	Z	-3.24	60
18	MP4C	Mx	-.001	60
19	MP1A	X	2.292	30
20	MP1A	Z	-3.97	30
21	MP1A	Mx	.000398	30
22	MP1B	X	1.637	30
23	MP1B	Z	-2.836	30
24	MP1B	Mx	-.002	30
25	MP1C	X	1.865	30
26	MP1C	Z	-3.23	30
27	MP1C	Mx	.001	30
28	MP2A	X	2.283	30
29	MP2A	Z	-3.955	30
30	MP2A	Mx	.000396	30
31	MP2B	X	1.378	30
32	MP2B	Z	-2.386	30
33	MP2B	Mx	-.001	30
34	MP2C	X	1.692	30
35	MP2C	Z	-2.931	30
36	MP2C	Mx	.001	30
37	MP1A	X	5	24
38	MP1A	Z	-8.66	24
39	MP1A	Mx	.005	24
40	MP1A	X	5	72
41	MP1A	Z	-8.66	72
42	MP1A	Mx	.005	72

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
43	MP1B	X	3.541	24
44	MP1B	Z	-6.133	24
45	MP1B	Mx	.002	24
46	MP1B	X	3.541	72
47	MP1B	Z	-6.133	72
48	MP1B	Mx	.002	72
49	MP1C	X	4.047	24
50	MP1C	Z	-7.01	24
51	MP1C	Mx	-6.5e-5	24
52	MP1C	X	4.047	72
53	MP1C	Z	-7.01	72
54	MP1C	Mx	-6.5e-5	72
55	MP1A	X	5	24
56	MP1A	Z	-8.66	24
57	MP1A	Mx	-.007	24
58	MP1A	X	5	72
59	MP1A	Z	-8.66	72
60	MP1A	Mx	-.007	72
61	MP1B	X	3.541	24
62	MP1B	Z	-6.133	24
63	MP1B	Mx	.005	24
64	MP1B	X	3.541	72
65	MP1B	Z	-6.133	72
66	MP1B	Mx	.005	72
67	MP1C	X	4.047	24
68	MP1C	Z	-7.01	24
69	MP1C	Mx	-.006	24
70	MP1C	X	4.047	72
71	MP1C	Z	-7.01	72
72	MP1C	Mx	-.006	72
73	MP5A	X	5	24
74	MP5A	Z	-8.66	24
75	MP5A	Mx	-.000868	24
76	MP5A	X	5	72
77	MP5A	Z	-8.66	72
78	MP5A	Mx	-.000868	72
79	MP5B	X	3.541	24
80	MP5B	Z	-6.133	24
81	MP5B	Mx	.003	24
82	MP5B	X	3.541	72
83	MP5B	Z	-6.133	72
84	MP5B	Mx	.003	72
85	MP5C	X	4.047	24
86	MP5C	Z	-7.01	24
87	MP5C	Mx	-.003	24
88	MP5C	X	4.047	72
89	MP5C	Z	-7.01	72
90	MP5C	Mx	-.003	72
91	MP3A	X	3.688	24
92	MP3A	Z	-6.388	24
93	MP3A	Mx	.00064	24
94	MP3C	X	3.406	24
95	MP3C	Z	-5.899	24
96	MP3C	Mx	.002	24

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

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

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP4A	X	3.772	36
2	MP4A	Z	-2.178	36
3	MP4A	Mx	-.001	36
4	MP4A	X	3.772	60
5	MP4A	Z	-2.178	60
6	MP4A	Mx	-.001	60
7	MP4B	X	2.065	36
8	MP4B	Z	-1.192	36
9	MP4B	Mx	.001	36
10	MP4B	X	2.065	60
11	MP4B	Z	-1.192	60
12	MP4B	Mx	.001	60
13	MP4C	X	4.681	36
14	MP4C	Z	-2.702	36
15	MP4C	Mx	-.000924	36
16	MP4C	X	4.681	60
17	MP4C	Z	-2.702	60
18	MP4C	Mx	-.000924	60
19	MP1A	X	3.461	30
20	MP1A	Z	-1.998	30
21	MP1A	Mx	.001	30
22	MP1B	X	2.721	30
23	MP1B	Z	-1.571	30
24	MP1B	Mx	-.002	30
25	MP1C	X	3.855	30
26	MP1C	Z	-2.225	30
27	MP1C	Mx	.000761	30
28	MP2A	X	3.25	30
29	MP2A	Z	-1.877	30
30	MP2A	Mx	.001	30
31	MP2B	X	2.227	30
32	MP2B	Z	-1.286	30
33	MP2B	Mx	-.001	30
34	MP2C	X	3.795	30
35	MP2C	Z	-2.191	30
36	MP2C	Mx	.000749	30
37	MP1A	X	7.525	24
38	MP1A	Z	-4.344	24
39	MP1A	Mx	.001	24
40	MP1A	X	7.525	72
41	MP1A	Z	-4.344	72
42	MP1A	Mx	.001	72
43	MP1B	X	5.875	24
44	MP1B	Z	-3.392	24
45	MP1B	Mx	.004	24
46	MP1B	X	5.875	72
47	MP1B	Z	-3.392	72
48	MP1B	Mx	.004	72
49	MP1C	X	8.403	24
50	MP1C	Z	-4.851	24
51	MP1C	Mx	.004	24
52	MP1C	X	8.403	72
53	MP1C	Z	-4.851	72
54	MP1C	Mx	.004	72
55	MP1A	X	7.525	24
56	MP1A	Z	-4.344	24
57	MP1A	Mx	-.007	24

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
58	MP1A	X	7.525	72
59	MP1A	Z	-4.344	72
60	MP1A	Mx	-.007	72
61	MP1B	X	5.875	24
62	MP1B	Z	-3.392	24
63	MP1B	Mx	.003	24
64	MP1B	X	5.875	72
65	MP1B	Z	-3.392	72
66	MP1B	Mx	.003	72
67	MP1C	X	8.403	24
68	MP1C	Z	-4.851	24
69	MP1C	Mx	-.007	24
70	MP1C	X	8.403	72
71	MP1C	Z	-4.851	72
72	MP1C	Mx	-.007	72
73	MP5A	X	7.525	24
74	MP5A	Z	-4.344	24
75	MP5A	Mx	-.003	24
76	MP5A	X	7.525	72
77	MP5A	Z	-4.344	72
78	MP5A	Mx	-.003	72
79	MP5B	X	5.875	24
80	MP5B	Z	-3.392	24
81	MP5B	Mx	.003	24
82	MP5B	X	5.875	72
83	MP5B	Z	-3.392	72
84	MP5B	Mx	.003	72
85	MP5C	X	8.403	24
86	MP5C	Z	-4.851	24
87	MP5C	Mx	-.002	24
88	MP5C	X	8.403	72
89	MP5C	Z	-4.851	72
90	MP5C	Mx	-.002	72
91	MP3A	X	5.537	24
92	MP3A	Z	-3.197	24
93	MP3A	Mx	.002	24
94	MP3C	X	6.455	24
95	MP3C	Z	-3.727	24
96	MP3C	Mx	0	24

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP4A	X	2.692	36
2	MP4A	Z	0	36
3	MP4A	Mx	-.001	36
4	MP4A	X	2.692	60
5	MP4A	Z	0	60
6	MP4A	Mx	-.001	60
7	MP4B	X	3.741	36
8	MP4B	Z	0	36
9	MP4B	Mx	.001	36
10	MP4B	X	3.741	60
11	MP4B	Z	0	60
12	MP4B	Mx	.001	60
13	MP4C	X	5.712	36
14	MP4C	Z	0	36

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
15	MP4C	Mx	.000496	36
16	MP4C	X	5.712	60
17	MP4C	Z	0	60
18	MP4C	Mx	.000496	60
19	MP1A	X	3.275	30
20	MP1A	Z	0	30
21	MP1A	Mx	.002	30
22	MP1B	X	3.729	30
23	MP1B	Z	0	30
24	MP1B	Mx	-.001	30
25	MP1C	X	4.584	30
26	MP1C	Z	0	30
27	MP1C	Mx	-.000398	30
28	MP2A	X	2.755	30
29	MP2A	Z	0	30
30	MP2A	Mx	.001	30
31	MP2B	X	3.384	30
32	MP2B	Z	0	30
33	MP2B	Mx	-.001	30
34	MP2C	X	4.566	30
35	MP2C	Z	0	30
36	MP2C	Mx	-.000396	30
37	MP1A	X	7.081	24
38	MP1A	Z	0	24
39	MP1A	Mx	-.002	24
40	MP1A	X	7.081	72
41	MP1A	Z	0	72
42	MP1A	Mx	-.002	72
43	MP1B	X	8.095	24
44	MP1B	Z	0	24
45	MP1B	Mx	.006	24
46	MP1B	X	8.095	72
47	MP1B	Z	0	72
48	MP1B	Mx	.006	72
49	MP1C	X	9.999	24
50	MP1C	Z	0	24
51	MP1C	Mx	.007	24
52	MP1C	X	9.999	72
53	MP1C	Z	0	72
54	MP1C	Mx	.007	72
55	MP1A	X	7.081	24
56	MP1A	Z	0	24
57	MP1A	Mx	-.005	24
58	MP1A	X	7.081	72
59	MP1A	Z	0	72
60	MP1A	Mx	-.005	72
61	MP1B	X	8.095	24
62	MP1B	Z	0	24
63	MP1B	Mx	6.5e-5	24
64	MP1B	X	8.095	72
65	MP1B	Z	0	72
66	MP1B	Mx	6.5e-5	72
67	MP1C	X	9.999	24
68	MP1C	Z	0	24
69	MP1C	Mx	-.005	24
70	MP1C	X	9.999	72
71	MP1C	Z	0	72

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
72	MP1C	Mx	-.005	72
73	MP5A	X	7.081	24
74	MP5A	Z	0	24
75	MP5A	Mx	-.003	24
76	MP5A	X	7.081	72
77	MP5A	Z	0	72
78	MP5A	Mx	-.003	72
79	MP5B	X	8.095	24
80	MP5B	Z	0	24
81	MP5B	Mx	.003	24
82	MP5B	X	8.095	72
83	MP5B	Z	0	72
84	MP5B	Mx	.003	72
85	MP5C	X	9.999	24
86	MP5C	Z	0	24
87	MP5C	Mx	.000868	24
88	MP5C	X	9.999	72
89	MP5C	Z	0	72
90	MP5C	Mx	.000868	72
91	MP3A	X	5.188	24
92	MP3A	Z	0	24
93	MP3A	Mx	.002	24
94	MP3C	X	6.812	24
95	MP3C	Z	0	24
96	MP3C	Mx	-.002	24

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP4A	X	2.065	36
2	MP4A	Z	1.192	36
3	MP4A	Mx	-.001	36
4	MP4A	X	2.065	60
5	MP4A	Z	1.192	60
6	MP4A	Mx	-.001	60
7	MP4B	X	4.681	36
8	MP4B	Z	2.702	36
9	MP4B	Mx	.000925	36
10	MP4B	X	4.681	60
11	MP4B	Z	2.702	60
12	MP4B	Mx	.000925	60
13	MP4C	X	3.772	36
14	MP4C	Z	2.178	36
15	MP4C	Mx	.001	36
16	MP4C	X	3.772	60
17	MP4C	Z	2.178	60
18	MP4C	Mx	.001	60
19	MP1A	X	2.721	30
20	MP1A	Z	1.571	30
21	MP1A	Mx	.002	30
22	MP1B	X	3.855	30
23	MP1B	Z	2.225	30
24	MP1B	Mx	-.000761	30
25	MP1C	X	3.461	30
26	MP1C	Z	1.998	30
27	MP1C	Mx	-.001	30
28	MP2A	X	2.227	30

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
29	MP2A	Z	1.286	30
30	MP2A	Mx	.001	30
31	MP2B	X	3.795	30
32	MP2B	Z	2.191	30
33	MP2B	Mx	-.000749	30
34	MP2C	X	3.25	30
35	MP2C	Z	1.877	30
36	MP2C	Mx	-.001	30
37	MP1A	X	5.875	24
38	MP1A	Z	3.392	24
39	MP1A	Mx	-.004	24
40	MP1A	X	5.875	72
41	MP1A	Z	3.392	72
42	MP1A	Mx	-.004	72
43	MP1B	X	8.403	24
44	MP1B	Z	4.851	24
45	MP1B	Mx	.007	24
46	MP1B	X	8.403	72
47	MP1B	Z	4.851	72
48	MP1B	Mx	.007	72
49	MP1C	X	7.525	24
50	MP1C	Z	4.344	24
51	MP1C	Mx	.007	24
52	MP1C	X	7.525	72
53	MP1C	Z	4.344	72
54	MP1C	Mx	.007	72
55	MP1A	X	5.875	24
56	MP1A	Z	3.392	24
57	MP1A	Mx	-.003	24
58	MP1A	X	5.875	72
59	MP1A	Z	3.392	72
60	MP1A	Mx	-.003	72
61	MP1B	X	8.403	24
62	MP1B	Z	4.851	24
63	MP1B	Mx	-.004	24
64	MP1B	X	8.403	72
65	MP1B	Z	4.851	72
66	MP1B	Mx	-.004	72
67	MP1C	X	7.525	24
68	MP1C	Z	4.344	24
69	MP1C	Mx	-.001	24
70	MP1C	X	7.525	72
71	MP1C	Z	4.344	72
72	MP1C	Mx	-.001	72
73	MP5A	X	5.875	24
74	MP5A	Z	3.392	24
75	MP5A	Mx	-.003	24
76	MP5A	X	5.875	72
77	MP5A	Z	3.392	72
78	MP5A	Mx	-.003	72
79	MP5B	X	8.403	24
80	MP5B	Z	4.851	24
81	MP5B	Mx	.002	24
82	MP5B	X	8.403	72
83	MP5B	Z	4.851	72
84	MP5B	Mx	.002	72
85	MP5C	X	7.525	24

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
86	MP5C	Z	4.344	24
87	MP5C	Mx	.003	24
88	MP5C	X	7.525	72
89	MP5C	Z	4.344	72
90	MP5C	Mx	.003	72
91	MP3A	X	4.3	24
92	MP3A	Z	2.483	24
93	MP3A	Mx	.002	24
94	MP3C	X	4.789	24
95	MP3C	Z	2.765	24
96	MP3C	Mx	-.002	24

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP4A	X	1.871	36
2	MP4A	Z	3.24	36
3	MP4A	Mx	-.001	36
4	MP4A	X	1.871	60
5	MP4A	Z	3.24	60
6	MP4A	Mx	-.001	60
7	MP4B	X	2.856	36
8	MP4B	Z	4.947	36
9	MP4B	Mx	-.000496	36
10	MP4B	X	2.856	60
11	MP4B	Z	4.947	60
12	MP4B	Mx	-.000496	60
13	MP4C	X	1.346	36
14	MP4C	Z	2.332	36
15	MP4C	Mx	.001	36
16	MP4C	X	1.346	60
17	MP4C	Z	2.332	60
18	MP4C	Mx	.001	60
19	MP1A	X	1.865	30
20	MP1A	Z	3.23	30
21	MP1A	Mx	.001	30
22	MP1B	X	2.292	30
23	MP1B	Z	3.97	30
24	MP1B	Mx	.000398	30
25	MP1C	X	1.637	30
26	MP1C	Z	2.836	30
27	MP1C	Mx	-.002	30
28	MP2A	X	1.692	30
29	MP2A	Z	2.931	30
30	MP2A	Mx	.001	30
31	MP2B	X	2.283	30
32	MP2B	Z	3.955	30
33	MP2B	Mx	.000397	30
34	MP2C	X	1.378	30
35	MP2C	Z	2.386	30
36	MP2C	Mx	-.001	30
37	MP1A	X	4.047	24
38	MP1A	Z	7.01	24
39	MP1A	Mx	-.006	24
40	MP1A	X	4.047	72
41	MP1A	Z	7.01	72
42	MP1A	Mx	-.006	72

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
43	MP1B	X	5	24
44	MP1B	Z	8.66	24
45	MP1B	Mx	.005	24
46	MP1B	X	5	72
47	MP1B	Z	8.66	72
48	MP1B	Mx	.005	72
49	MP1C	X	3.541	24
50	MP1C	Z	6.133	24
51	MP1C	Mx	.005	24
52	MP1C	X	3.541	72
53	MP1C	Z	6.133	72
54	MP1C	Mx	.005	72
55	MP1A	X	4.047	24
56	MP1A	Z	7.01	24
57	MP1A	Mx	-6.5e-5	24
58	MP1A	X	4.047	72
59	MP1A	Z	7.01	72
60	MP1A	Mx	-6.5e-5	72
61	MP1B	X	5	24
62	MP1B	Z	8.66	24
63	MP1B	Mx	-.007	24
64	MP1B	X	5	72
65	MP1B	Z	8.66	72
66	MP1B	Mx	-.007	72
67	MP1C	X	3.541	24
68	MP1C	Z	6.133	24
69	MP1C	Mx	.002	24
70	MP1C	X	3.541	72
71	MP1C	Z	6.133	72
72	MP1C	Mx	.002	72
73	MP5A	X	4.047	24
74	MP5A	Z	7.01	24
75	MP5A	Mx	-.003	24
76	MP5A	X	4.047	72
77	MP5A	Z	7.01	72
78	MP5A	Mx	-.003	72
79	MP5B	X	5	24
80	MP5B	Z	8.66	24
81	MP5B	Mx	-.000868	24
82	MP5B	X	5	72
83	MP5B	Z	8.66	72
84	MP5B	Mx	-.000868	72
85	MP5C	X	3.541	24
86	MP5C	Z	6.133	24
87	MP5C	Mx	.003	24
88	MP5C	X	3.541	72
89	MP5C	Z	6.133	72
90	MP5C	Mx	.003	72
91	MP3A	X	2.974	24
92	MP3A	Z	5.151	24
93	MP3A	Mx	.002	24
94	MP3C	X	2.444	24
95	MP3C	Z	4.233	24
96	MP3C	Mx	-.002	24

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

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

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP4A	X	0	36
2	MP4A	Z	5.405	36
3	MP4A	Mx	-.000924	36
4	MP4A	X	0	60
5	MP4A	Z	5.405	60
6	MP4A	Mx	-.000924	60
7	MP4B	X	0	36
8	MP4B	Z	4.356	36
9	MP4B	Mx	-.001	36
10	MP4B	X	0	60
11	MP4B	Z	4.356	60
12	MP4B	Mx	-.001	60
13	MP4C	X	0	36
14	MP4C	Z	2.385	36
15	MP4C	Mx	.001	36
16	MP4C	X	0	60
17	MP4C	Z	2.385	60
18	MP4C	Mx	.001	60
19	MP1A	X	0	30
20	MP1A	Z	4.451	30
21	MP1A	Mx	.000761	30
22	MP1B	X	0	30
23	MP1B	Z	3.996	30
24	MP1B	Mx	.001	30
25	MP1C	X	0	30
26	MP1C	Z	3.141	30
27	MP1C	Mx	-.002	30
28	MP2A	X	0	30
29	MP2A	Z	4.382	30
30	MP2A	Mx	.000749	30
31	MP2B	X	0	30
32	MP2B	Z	3.753	30
33	MP2B	Mx	.001	30
34	MP2C	X	0	30
35	MP2C	Z	2.571	30
36	MP2C	Mx	-.001	30
37	MP1A	X	0	24
38	MP1A	Z	9.702	24
39	MP1A	Mx	-.007	24
40	MP1A	X	0	72
41	MP1A	Z	9.702	72
42	MP1A	Mx	-.007	72
43	MP1B	X	0	24
44	MP1B	Z	8.689	24
45	MP1B	Mx	.001	24
46	MP1B	X	0	72
47	MP1B	Z	8.689	72
48	MP1B	Mx	.001	72
49	MP1C	X	0	24
50	MP1C	Z	6.784	24
51	MP1C	Mx	.003	24
52	MP1C	X	0	72
53	MP1C	Z	6.784	72
54	MP1C	Mx	.003	72
55	MP1A	X	0	24
56	MP1A	Z	9.702	24
57	MP1A	Mx	.004	24

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
58	MP1A	X	0	72
59	MP1A	Z	9.702	72
60	MP1A	Mx	.004	72
61	MP1B	X	0	24
62	MP1B	Z	8.689	24
63	MP1B	Mx	-.007	24
64	MP1B	X	0	72
65	MP1B	Z	8.689	72
66	MP1B	Mx	-.007	72
67	MP1C	X	0	24
68	MP1C	Z	6.784	24
69	MP1C	Mx	.004	24
70	MP1C	X	0	72
71	MP1C	Z	6.784	72
72	MP1C	Mx	.004	72
73	MP5A	X	0	24
74	MP5A	Z	9.702	24
75	MP5A	Mx	-.002	24
76	MP5A	X	0	72
77	MP5A	Z	9.702	72
78	MP5A	Mx	-.002	72
79	MP5B	X	0	24
80	MP5B	Z	8.689	24
81	MP5B	Mx	-.003	24
82	MP5B	X	0	72
83	MP5B	Z	8.689	72
84	MP5B	Mx	-.003	72
85	MP5C	X	0	24
86	MP5C	Z	6.784	24
87	MP5C	Mx	.003	24
88	MP5C	X	0	72
89	MP5C	Z	6.784	72
90	MP5C	Mx	.003	72
91	MP3A	X	0	24
92	MP3A	Z	7.153	24
93	MP3A	Mx	.001	24
94	MP3C	X	0	24
95	MP3C	Z	5.53	24
96	MP3C	Mx	-.002	24

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP4A	X	-2.856	36
2	MP4A	Z	4.947	36
3	MP4A	Mx	.000496	36
4	MP4A	X	-2.856	60
5	MP4A	Z	4.947	60
6	MP4A	Mx	.000496	60
7	MP4B	X	-1.346	36
8	MP4B	Z	2.332	36
9	MP4B	Mx	-.001	36
10	MP4B	X	-1.346	60
11	MP4B	Z	2.332	60
12	MP4B	Mx	-.001	60
13	MP4C	X	-1.871	36
14	MP4C	Z	3.24	36

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
15	MP4C	Mx	.001	36
16	MP4C	X	-1.871	60
17	MP4C	Z	3.24	60
18	MP4C	Mx	.001	60
19	MP1A	X	-2.292	30
20	MP1A	Z	3.97	30
21	MP1A	Mx	-.000398	30
22	MP1B	X	-1.637	30
23	MP1B	Z	2.836	30
24	MP1B	Mx	.002	30
25	MP1C	X	-1.865	30
26	MP1C	Z	3.23	30
27	MP1C	Mx	-.001	30
28	MP2A	X	-2.283	30
29	MP2A	Z	3.955	30
30	MP2A	Mx	-.000396	30
31	MP2B	X	-1.378	30
32	MP2B	Z	2.386	30
33	MP2B	Mx	.001	30
34	MP2C	X	-1.692	30
35	MP2C	Z	2.931	30
36	MP2C	Mx	-.001	30
37	MP1A	X	-5	24
38	MP1A	Z	8.66	24
39	MP1A	Mx	-.005	24
40	MP1A	X	-5	72
41	MP1A	Z	8.66	72
42	MP1A	Mx	-.005	72
43	MP1B	X	-3.541	24
44	MP1B	Z	6.133	24
45	MP1B	Mx	-.002	24
46	MP1B	X	-3.541	72
47	MP1B	Z	6.133	72
48	MP1B	Mx	-.002	72
49	MP1C	X	-4.047	24
50	MP1C	Z	7.01	24
51	MP1C	Mx	6.5e-5	24
52	MP1C	X	-4.047	72
53	MP1C	Z	7.01	72
54	MP1C	Mx	6.5e-5	72
55	MP1A	X	-5	24
56	MP1A	Z	8.66	24
57	MP1A	Mx	.007	24
58	MP1A	X	-5	72
59	MP1A	Z	8.66	72
60	MP1A	Mx	.007	72
61	MP1B	X	-3.541	24
62	MP1B	Z	6.133	24
63	MP1B	Mx	-.005	24
64	MP1B	X	-3.541	72
65	MP1B	Z	6.133	72
66	MP1B	Mx	-.005	72
67	MP1C	X	-4.047	24
68	MP1C	Z	7.01	24
69	MP1C	Mx	.006	24
70	MP1C	X	-4.047	72
71	MP1C	Z	7.01	72

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
72	MP1C	Mx	.006	72
73	MP5A	X	-5	24
74	MP5A	Z	8.66	24
75	MP5A	Mx	.000868	24
76	MP5A	X	-5	72
77	MP5A	Z	8.66	72
78	MP5A	Mx	.000868	72
79	MP5B	X	-3.541	24
80	MP5B	Z	6.133	24
81	MP5B	Mx	-.003	24
82	MP5B	X	-3.541	72
83	MP5B	Z	6.133	72
84	MP5B	Mx	-.003	72
85	MP5C	X	-4.047	24
86	MP5C	Z	7.01	24
87	MP5C	Mx	.003	24
88	MP5C	X	-4.047	72
89	MP5C	Z	7.01	72
90	MP5C	Mx	.003	72
91	MP3A	X	-3.688	24
92	MP3A	Z	6.388	24
93	MP3A	Mx	-.00064	24
94	MP3C	X	-3.406	24
95	MP3C	Z	5.899	24
96	MP3C	Mx	-.002	24

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP4A	X	-3.772	36
2	MP4A	Z	2.178	36
3	MP4A	Mx	.001	36
4	MP4A	X	-3.772	60
5	MP4A	Z	2.178	60
6	MP4A	Mx	.001	60
7	MP4B	X	-2.065	36
8	MP4B	Z	1.192	36
9	MP4B	Mx	-.001	36
10	MP4B	X	-2.065	60
11	MP4B	Z	1.192	60
12	MP4B	Mx	-.001	60
13	MP4C	X	-4.681	36
14	MP4C	Z	2.702	36
15	MP4C	Mx	.000924	36
16	MP4C	X	-4.681	60
17	MP4C	Z	2.702	60
18	MP4C	Mx	.000924	60
19	MP1A	X	-3.461	30
20	MP1A	Z	1.998	30
21	MP1A	Mx	-.001	30
22	MP1B	X	-2.721	30
23	MP1B	Z	1.571	30
24	MP1B	Mx	.002	30
25	MP1C	X	-3.855	30
26	MP1C	Z	2.225	30
27	MP1C	Mx	-.000761	30
28	MP2A	X	-3.25	30

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
29	MP2A	Z	1.877	30
30	MP2A	Mx	-.001	30
31	MP2B	X	-2.227	30
32	MP2B	Z	1.286	30
33	MP2B	Mx	.001	30
34	MP2C	X	-3.795	30
35	MP2C	Z	2.191	30
36	MP2C	Mx	-.000749	30
37	MP1A	X	-7.525	24
38	MP1A	Z	4.344	24
39	MP1A	Mx	-.001	24
40	MP1A	X	-7.525	72
41	MP1A	Z	4.344	72
42	MP1A	Mx	-.001	72
43	MP1B	X	-5.875	24
44	MP1B	Z	3.392	24
45	MP1B	Mx	-.004	24
46	MP1B	X	-5.875	72
47	MP1B	Z	3.392	72
48	MP1B	Mx	-.004	72
49	MP1C	X	-8.403	24
50	MP1C	Z	4.851	24
51	MP1C	Mx	-.004	24
52	MP1C	X	-8.403	72
53	MP1C	Z	4.851	72
54	MP1C	Mx	-.004	72
55	MP1A	X	-7.525	24
56	MP1A	Z	4.344	24
57	MP1A	Mx	.007	24
58	MP1A	X	-7.525	72
59	MP1A	Z	4.344	72
60	MP1A	Mx	.007	72
61	MP1B	X	-5.875	24
62	MP1B	Z	3.392	24
63	MP1B	Mx	-.003	24
64	MP1B	X	-5.875	72
65	MP1B	Z	3.392	72
66	MP1B	Mx	-.003	72
67	MP1C	X	-8.403	24
68	MP1C	Z	4.851	24
69	MP1C	Mx	.007	24
70	MP1C	X	-8.403	72
71	MP1C	Z	4.851	72
72	MP1C	Mx	.007	72
73	MP5A	X	-7.525	24
74	MP5A	Z	4.344	24
75	MP5A	Mx	.003	24
76	MP5A	X	-7.525	72
77	MP5A	Z	4.344	72
78	MP5A	Mx	.003	72
79	MP5B	X	-5.875	24
80	MP5B	Z	3.392	24
81	MP5B	Mx	-.003	24
82	MP5B	X	-5.875	72
83	MP5B	Z	3.392	72
84	MP5B	Mx	-.003	72
85	MP5C	X	-8.403	24

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
86	MP5C	Z	4.851	24
87	MP5C	Mx	.002	24
88	MP5C	X	-8.403	72
89	MP5C	Z	4.851	72
90	MP5C	Mx	.002	72
91	MP3A	X	-5.537	24
92	MP3A	Z	3.197	24
93	MP3A	Mx	-.002	24
94	MP3C	X	-6.455	24
95	MP3C	Z	3.727	24
96	MP3C	Mx	0	24

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP4A	X	-2.692	36
2	MP4A	Z	0	36
3	MP4A	Mx	.001	36
4	MP4A	X	-2.692	60
5	MP4A	Z	0	60
6	MP4A	Mx	.001	60
7	MP4B	X	-3.741	36
8	MP4B	Z	0	36
9	MP4B	Mx	-.001	36
10	MP4B	X	-3.741	60
11	MP4B	Z	0	60
12	MP4B	Mx	-.001	60
13	MP4C	X	-5.712	36
14	MP4C	Z	0	36
15	MP4C	Mx	-.000496	36
16	MP4C	X	-5.712	60
17	MP4C	Z	0	60
18	MP4C	Mx	-.000496	60
19	MP1A	X	-3.275	30
20	MP1A	Z	0	30
21	MP1A	Mx	-.002	30
22	MP1B	X	-3.729	30
23	MP1B	Z	0	30
24	MP1B	Mx	.001	30
25	MP1C	X	-4.584	30
26	MP1C	Z	0	30
27	MP1C	Mx	.000398	30
28	MP2A	X	-2.755	30
29	MP2A	Z	0	30
30	MP2A	Mx	-.001	30
31	MP2B	X	-3.384	30
32	MP2B	Z	0	30
33	MP2B	Mx	.001	30
34	MP2C	X	-4.566	30
35	MP2C	Z	0	30
36	MP2C	Mx	.000396	30
37	MP1A	X	-7.081	24
38	MP1A	Z	0	24
39	MP1A	Mx	.002	24
40	MP1A	X	-7.081	72
41	MP1A	Z	0	72
42	MP1A	Mx	.002	72

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
43	MP1B	X	-8.095	24
44	MP1B	Z	0	24
45	MP1B	Mx	-.006	24
46	MP1B	X	-8.095	72
47	MP1B	Z	0	72
48	MP1B	Mx	-.006	72
49	MP1C	X	-9.999	24
50	MP1C	Z	0	24
51	MP1C	Mx	-.007	24
52	MP1C	X	-9.999	72
53	MP1C	Z	0	72
54	MP1C	Mx	-.007	72
55	MP1A	X	-7.081	24
56	MP1A	Z	0	24
57	MP1A	Mx	.005	24
58	MP1A	X	-7.081	72
59	MP1A	Z	0	72
60	MP1A	Mx	.005	72
61	MP1B	X	-8.095	24
62	MP1B	Z	0	24
63	MP1B	Mx	-6.5e-5	24
64	MP1B	X	-8.095	72
65	MP1B	Z	0	72
66	MP1B	Mx	-6.5e-5	72
67	MP1C	X	-9.999	24
68	MP1C	Z	0	24
69	MP1C	Mx	.005	24
70	MP1C	X	-9.999	72
71	MP1C	Z	0	72
72	MP1C	Mx	.005	72
73	MP5A	X	-7.081	24
74	MP5A	Z	0	24
75	MP5A	Mx	.003	24
76	MP5A	X	-7.081	72
77	MP5A	Z	0	72
78	MP5A	Mx	.003	72
79	MP5B	X	-8.095	24
80	MP5B	Z	0	24
81	MP5B	Mx	-.003	24
82	MP5B	X	-8.095	72
83	MP5B	Z	0	72
84	MP5B	Mx	-.003	72
85	MP5C	X	-9.999	24
86	MP5C	Z	0	24
87	MP5C	Mx	-.000868	24
88	MP5C	X	-9.999	72
89	MP5C	Z	0	72
90	MP5C	Mx	-.000868	72
91	MP3A	X	-5.188	24
92	MP3A	Z	0	24
93	MP3A	Mx	-.002	24
94	MP3C	X	-6.812	24
95	MP3C	Z	0	24
96	MP3C	Mx	.002	24

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

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

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP4A	X	-2.065	36
2	MP4A	Z	-1.192	36
3	MP4A	Mx	.001	36
4	MP4A	X	-2.065	60
5	MP4A	Z	-1.192	60
6	MP4A	Mx	.001	60
7	MP4B	X	-4.681	36
8	MP4B	Z	-2.702	36
9	MP4B	Mx	-.000925	36
10	MP4B	X	-4.681	60
11	MP4B	Z	-2.702	60
12	MP4B	Mx	-.000925	60
13	MP4C	X	-3.772	36
14	MP4C	Z	-2.178	36
15	MP4C	Mx	-.001	36
16	MP4C	X	-3.772	60
17	MP4C	Z	-2.178	60
18	MP4C	Mx	-.001	60
19	MP1A	X	-2.721	30
20	MP1A	Z	-1.571	30
21	MP1A	Mx	-.002	30
22	MP1B	X	-3.855	30
23	MP1B	Z	-2.225	30
24	MP1B	Mx	.000761	30
25	MP1C	X	-3.461	30
26	MP1C	Z	-1.998	30
27	MP1C	Mx	.001	30
28	MP2A	X	-2.227	30
29	MP2A	Z	-1.286	30
30	MP2A	Mx	-.001	30
31	MP2B	X	-3.795	30
32	MP2B	Z	-2.191	30
33	MP2B	Mx	.000749	30
34	MP2C	X	-3.25	30
35	MP2C	Z	-1.877	30
36	MP2C	Mx	.001	30
37	MP1A	X	-5.875	24
38	MP1A	Z	-3.392	24
39	MP1A	Mx	.004	24
40	MP1A	X	-5.875	72
41	MP1A	Z	-3.392	72
42	MP1A	Mx	.004	72
43	MP1B	X	-8.403	24
44	MP1B	Z	-4.851	24
45	MP1B	Mx	-.007	24
46	MP1B	X	-8.403	72
47	MP1B	Z	-4.851	72
48	MP1B	Mx	-.007	72
49	MP1C	X	-7.525	24
50	MP1C	Z	-4.344	24
51	MP1C	Mx	-.007	24
52	MP1C	X	-7.525	72
53	MP1C	Z	-4.344	72
54	MP1C	Mx	-.007	72
55	MP1A	X	-5.875	24
56	MP1A	Z	-3.392	24
57	MP1A	Mx	.003	24

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
58	MP1A	X	-5.875	72
59	MP1A	Z	-3.392	72
60	MP1A	Mx	.003	72
61	MP1B	X	-8.403	24
62	MP1B	Z	-4.851	24
63	MP1B	Mx	.004	24
64	MP1B	X	-8.403	72
65	MP1B	Z	-4.851	72
66	MP1B	Mx	.004	72
67	MP1C	X	-7.525	24
68	MP1C	Z	-4.344	24
69	MP1C	Mx	.001	24
70	MP1C	X	-7.525	72
71	MP1C	Z	-4.344	72
72	MP1C	Mx	.001	72
73	MP5A	X	-5.875	24
74	MP5A	Z	-3.392	24
75	MP5A	Mx	.003	24
76	MP5A	X	-5.875	72
77	MP5A	Z	-3.392	72
78	MP5A	Mx	.003	72
79	MP5B	X	-8.403	24
80	MP5B	Z	-4.851	24
81	MP5B	Mx	-.002	24
82	MP5B	X	-8.403	72
83	MP5B	Z	-4.851	72
84	MP5B	Mx	-.002	72
85	MP5C	X	-7.525	24
86	MP5C	Z	-4.344	24
87	MP5C	Mx	-.003	24
88	MP5C	X	-7.525	72
89	MP5C	Z	-4.344	72
90	MP5C	Mx	-.003	72
91	MP3A	X	-4.3	24
92	MP3A	Z	-2.483	24
93	MP3A	Mx	-.002	24
94	MP3C	X	-4.789	24
95	MP3C	Z	-2.765	24
96	MP3C	Mx	.002	24

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	MP4A	X	-1.871	36
2	MP4A	Z	-3.24	36
3	MP4A	Mx	.001	36
4	MP4A	X	-1.871	60
5	MP4A	Z	-3.24	60
6	MP4A	Mx	.001	60
7	MP4B	X	-2.856	36
8	MP4B	Z	-4.947	36
9	MP4B	Mx	.000496	36
10	MP4B	X	-2.856	60
11	MP4B	Z	-4.947	60
12	MP4B	Mx	.000496	60
13	MP4C	X	-1.346	36
14	MP4C	Z	-2.332	36

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
15	MP4C	Mx	-.001	36
16	MP4C	X	-1.346	60
17	MP4C	Z	-2.332	60
18	MP4C	Mx	-.001	60
19	MP1A	X	-1.865	30
20	MP1A	Z	-3.23	30
21	MP1A	Mx	-.001	30
22	MP1B	X	-2.292	30
23	MP1B	Z	-3.97	30
24	MP1B	Mx	-.000398	30
25	MP1C	X	-1.637	30
26	MP1C	Z	-2.836	30
27	MP1C	Mx	.002	30
28	MP2A	X	-1.692	30
29	MP2A	Z	-2.931	30
30	MP2A	Mx	-.001	30
31	MP2B	X	-2.283	30
32	MP2B	Z	-3.955	30
33	MP2B	Mx	-.000397	30
34	MP2C	X	-1.378	30
35	MP2C	Z	-2.386	30
36	MP2C	Mx	.001	30
37	MP1A	X	-4.047	24
38	MP1A	Z	-7.01	24
39	MP1A	Mx	.006	24
40	MP1A	X	-4.047	72
41	MP1A	Z	-7.01	72
42	MP1A	Mx	.006	72
43	MP1B	X	-5	24
44	MP1B	Z	-8.66	24
45	MP1B	Mx	-.005	24
46	MP1B	X	-5	72
47	MP1B	Z	-8.66	72
48	MP1B	Mx	-.005	72
49	MP1C	X	-3.541	24
50	MP1C	Z	-6.133	24
51	MP1C	Mx	-.005	24
52	MP1C	X	-3.541	72
53	MP1C	Z	-6.133	72
54	MP1C	Mx	-.005	72
55	MP1A	X	-4.047	24
56	MP1A	Z	-7.01	24
57	MP1A	Mx	6.5e-5	24
58	MP1A	X	-4.047	72
59	MP1A	Z	-7.01	72
60	MP1A	Mx	6.5e-5	72
61	MP1B	X	-5	24
62	MP1B	Z	-8.66	24
63	MP1B	Mx	.007	24
64	MP1B	X	-5	72
65	MP1B	Z	-8.66	72
66	MP1B	Mx	.007	72
67	MP1C	X	-3.541	24
68	MP1C	Z	-6.133	24
69	MP1C	Mx	-.002	24
70	MP1C	X	-3.541	72
71	MP1C	Z	-6.133	72

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
72	MP1C	Mx	-.002	72
73	MP5A	X	-4.047	24
74	MP5A	Z	-7.01	24
75	MP5A	Mx	.003	24
76	MP5A	X	-4.047	72
77	MP5A	Z	-7.01	72
78	MP5A	Mx	.003	72
79	MP5B	X	-5	24
80	MP5B	Z	-8.66	24
81	MP5B	Mx	.000868	24
82	MP5B	X	-5	72
83	MP5B	Z	-8.66	72
84	MP5B	Mx	.000868	72
85	MP5C	X	-3.541	24
86	MP5C	Z	-6.133	24
87	MP5C	Mx	-.003	24
88	MP5C	X	-3.541	72
89	MP5C	Z	-6.133	72
90	MP5C	Mx	-.003	72
91	MP3A	X	-2.974	24
92	MP3A	Z	-5.151	24
93	MP3A	Mx	-.002	24
94	MP3C	X	-2.444	24
95	MP3C	Z	-4.233	24
96	MP3C	Mx	.002	24

Member Point Loads (BLC 77 : Lm1)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	LIVE1	Y	-500	0

Member Point Loads (BLC 78 : Lm2)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	LIVE2	Y	-500	0

Member Point Loads (BLC 79 : Lv1)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[in,%]
1	FACE	Y	-250	0

Member Point Loads (BLC 80 : Lv2)

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

Member Distributed Loads (BLC 40 : Structure Di)

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[in,...	End Location[in,%]
1	FACE	Y	-10.597	-10.597	0	%100
2	M4	Y	-15.013	-15.013	0	%100
3	M10	Y	-15.013	-15.013	0	%100
4	MP1A	Y	-8.294	-8.294	0	%100
5	M43	Y	-15.013	-15.013	0	%100
6	M46	Y	-15.759	-15.759	0	%100
7	M51B	Y	-9.222	-9.222	0	%100
8	M52B	Y	-9.222	-9.222	0	%100
9	M76	Y	-15.74	-15.74	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[in,...	End Location[in,%]
10	M77	Y	-15.74	-15.74	0	%100
11	M80	Y	-15.759	-15.759	0	%100
12	M84	Y	-15.74	-15.74	0	%100
13	M85	Y	-15.74	-15.74	0	%100
14	M91	Y	-15.759	-15.759	0	%100
15	M28	Y	-17.909	-17.909	0	%100
16	M29	Y	-9.318	-9.318	0	%100
17	M33	Y	-10.597	-10.597	0	%100
18	M34	Y	-15.013	-15.013	0	%100
19	M35	Y	-15.013	-15.013	0	%100
20	M38	Y	-15.013	-15.013	0	%100
21	M39	Y	-15.759	-15.759	0	%100
22	M42	Y	-9.222	-9.222	0	%100
23	M43A	Y	-9.222	-9.222	0	%100
24	M47	Y	-15.74	-15.74	0	%100
25	M48	Y	-15.74	-15.74	0	%100
26	M50A	Y	-15.759	-15.759	0	%100
27	M52A	Y	-15.74	-15.74	0	%100
28	M53	Y	-15.74	-15.74	0	%100
29	M55	Y	-15.759	-15.759	0	%100
30	M60	Y	-17.909	-17.909	0	%100
31	M61	Y	-9.318	-9.318	0	%100
32	M65	Y	-10.597	-10.597	0	%100
33	M66	Y	-15.013	-15.013	0	%100
34	M67	Y	-15.013	-15.013	0	%100
35	M70	Y	-15.013	-15.013	0	%100
36	M71	Y	-15.759	-15.759	0	%100
37	M74	Y	-9.222	-9.222	0	%100
38	M75	Y	-9.222	-9.222	0	%100
39	M79A	Y	-15.74	-15.74	0	%100
40	M80A	Y	-15.74	-15.74	0	%100
41	M82	Y	-15.759	-15.759	0	%100
42	M84A	Y	-15.74	-15.74	0	%100
43	M85A	Y	-15.74	-15.74	0	%100
44	M87	Y	-15.759	-15.759	0	%100
45	M92A	Y	-17.909	-17.909	0	%100
46	M93	Y	-9.318	-9.318	0	%100
47	M91B	Y	-10.67	-10.67	0	%100
48	M92B	Y	-10.67	-10.67	0	%100
49	M93A	Y	-10.67	-10.67	0	%100
50	MP2A	Y	-8.294	-8.294	0	%100
51	MP3A	Y	-8.294	-8.294	0	%100
52	MP4A	Y	-8.294	-8.294	0	%100
53	MP5A	Y	-8.294	-8.294	0	%100
54	MP1C	Y	-8.294	-8.294	0	%100
55	MP2C	Y	-8.294	-8.294	0	%100
56	MP3C	Y	-8.294	-8.294	0	%100
57	MP4C	Y	-8.294	-8.294	0	%100
58	MP5C	Y	-8.294	-8.294	0	%100
59	MP1B	Y	-8.294	-8.294	0	%100
60	MP2B	Y	-8.294	-8.294	0	%100
61	MP3B	Y	-8.294	-8.294	0	%100
62	MP4B	Y	-8.294	-8.294	0	%100
63	MP5B	Y	-8.294	-8.294	0	%100

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

Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[in,...	End Location[in,%]

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[in,...	End Location[in,%]
1	FACE	X	0	0	0	%100
2	FACE	Z	-13.182	-13.182	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	-11.329	-11.329	0	%100
7	MP1A	X	0	0	0	%100
8	MP1A	Z	-8.945	-8.945	0	%100
9	M43	X	0	0	0	%100
10	M43	Z	-11.329	-11.329	0	%100
11	M46	X	0	0	0	%100
12	M46	Z	-22.597	-22.597	0	%100
13	M51B	X	0	0	0	%100
14	M51B	Z	-3.032	-3.032	0	%100
15	M52B	X	0	0	0	%100
16	M52B	Z	-3.032	-3.032	0	%100
17	M76	X	0	0	0	%100
18	M76	Z	0	0	0	%100
19	M77	X	0	0	0	%100
20	M77	Z	-5.754	-5.754	0	%100
21	M80	X	0	0	0	%100
22	M80	Z	-6.06	-6.06	0	%100
23	M84	X	0	0	0	%100
24	M84	Z	0	0	0	%100
25	M85	X	0	0	0	%100
26	M85	Z	-5.754	-5.754	0	%100
27	M91	X	0	0	0	%100
28	M91	Z	-6.06	-6.06	0	%100
29	M28	X	0	0	0	%100
30	M28	Z	-5.433	-5.433	0	%100
31	M29	X	0	0	0	%100
32	M29	Z	-10.828	-10.828	0	%100
33	M33	X	0	0	0	%100
34	M33	Z	-3.295	-3.295	0	%100
35	M34	X	0	0	0	%100
36	M34	Z	-10.042	-10.042	0	%100
37	M35	X	0	0	0	%100
38	M35	Z	-2.832	-2.832	0	%100
39	M38	X	0	0	0	%100
40	M38	Z	-2.832	-2.832	0	%100
41	M39	X	0	0	0	%100
42	M39	Z	-5.649	-5.649	0	%100
43	M42	X	0	0	0	%100
44	M42	Z	-3.246	-3.246	0	%100
45	M43A	X	0	0	0	%100
46	M43A	Z	-12.553	-12.553	0	%100
47	M47	X	0	0	0	%100
48	M47	Z	-16.948	-16.948	0	%100
49	M48	X	0	0	0	%100
50	M48	Z	-5.754	-5.754	0	%100
51	M50A	X	0	0	0	%100
52	M50A	Z	-6.06	-6.06	0	%100
53	M52A	X	0	0	0	%100
54	M52A	Z	-16.948	-16.948	0	%100
55	M53	X	0	0	0	%100
56	M53	Z	-23.016	-23.016	0	%100
57	M55	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[in,...	End Location[in,%]
58	M55	Z	-24.242	-24.242	0	%100
59	M60	X	0	0	0	%100
60	M60	Z	-20.143	-20.143	0	%100
61	M61	X	0	0	0	%100
62	M61	Z	-2.707	-2.707	0	%100
63	M65	X	0	0	0	%100
64	M65	Z	-3.295	-3.295	0	%100
65	M66	X	0	0	0	%100
66	M66	Z	-10.042	-10.042	0	%100
67	M67	X	0	0	0	%100
68	M67	Z	-2.832	-2.832	0	%100
69	M70	X	0	0	0	%100
70	M70	Z	-2.832	-2.832	0	%100
71	M71	X	0	0	0	%100
72	M71	Z	-5.649	-5.649	0	%100
73	M74	X	0	0	0	%100
74	M74	Z	-12.553	-12.553	0	%100
75	M75	X	0	0	0	%100
76	M75	Z	-3.246	-3.246	0	%100
77	M79A	X	0	0	0	%100
78	M79A	Z	-16.948	-16.948	0	%100
79	M80A	X	0	0	0	%100
80	M80A	Z	-23.016	-23.016	0	%100
81	M82	X	0	0	0	%100
82	M82	Z	-24.242	-24.242	0	%100
83	M84A	X	0	0	0	%100
84	M84A	Z	-16.948	-16.948	0	%100
85	M85A	X	0	0	0	%100
86	M85A	Z	-5.754	-5.754	0	%100
87	M87	X	0	0	0	%100
88	M87	Z	-6.06	-6.06	0	%100
89	M92A	X	0	0	0	%100
90	M92A	Z	-20.143	-20.143	0	%100
91	M93	X	0	0	0	%100
92	M93	Z	-2.707	-2.707	0	%100
93	M91B	X	0	0	0	%100
94	M91B	Z	-2.663	-2.663	0	%100
95	M92B	X	0	0	0	%100
96	M92B	Z	-2.663	-2.663	0	%100
97	M93A	X	0	0	0	%100
98	M93A	Z	-10.654	-10.654	0	%100
99	MP2A	X	0	0	0	%100
100	MP2A	Z	-8.945	-8.945	0	%100
101	MP3A	X	0	0	0	%100
102	MP3A	Z	-8.945	-8.945	0	%100
103	MP4A	X	0	0	0	%100
104	MP4A	Z	-8.945	-8.945	0	%100
105	MP5A	X	0	0	0	%100
106	MP5A	Z	-8.945	-8.945	0	%100
107	MP1C	X	0	0	0	%100
108	MP1C	Z	-8.945	-8.945	0	%100
109	MP2C	X	0	0	0	%100
110	MP2C	Z	-8.945	-8.945	0	%100
111	MP3C	X	0	0	0	%100
112	MP3C	Z	-8.945	-8.945	0	%100
113	MP4C	X	0	0	0	%100
114	MP4C	Z	-8.945	-8.945	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[in,...	End Location[in,%]
115	MP5C	X	0	0	0	%100
116	MP5C	Z	-8.945	-8.945	0	%100
117	MP1B	X	0	0	0	%100
118	MP1B	Z	-8.945	-8.945	0	%100
119	MP2B	X	0	0	0	%100
120	MP2B	Z	-8.945	-8.945	0	%100
121	MP3B	X	0	0	0	%100
122	MP3B	Z	-8.945	-8.945	0	%100
123	MP4B	X	0	0	0	%100
124	MP4B	Z	-8.945	-8.945	0	%100
125	MP5B	X	0	0	0	%100
126	MP5B	Z	-8.945	-8.945	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[in,...	End Location[in,%]
1	FACE	X	4.943	4.943	0	%100
2	FACE	Z	-8.562	-8.562	0	%100
3	M4	X	1.674	1.674	0	%100
4	M4	Z	-2.899	-2.899	0	%100
5	M10	X	4.248	4.248	0	%100
6	M10	Z	-7.359	-7.359	0	%100
7	MP1A	X	4.472	4.472	0	%100
8	MP1A	Z	-7.746	-7.746	0	%100
9	M43	X	4.248	4.248	0	%100
10	M43	Z	-7.359	-7.359	0	%100
11	M46	X	8.474	8.474	0	%100
12	M46	Z	-14.677	-14.677	0	%100
13	M51B	X	4.654	4.654	0	%100
14	M51B	Z	-8.061	-8.061	0	%100
15	M52B	X	.000608	.000608	0	%100
16	M52B	Z	-.001	-.001	0	%100
17	M76	X	2.825	2.825	0	%100
18	M76	Z	-4.892	-4.892	0	%100
19	M77	X	8.631	8.631	0	%100
20	M77	Z	-14.949	-14.949	0	%100
21	M80	X	9.091	9.091	0	%100
22	M80	Z	-15.746	-15.746	0	%100
23	M84	X	2.825	2.825	0	%100
24	M84	Z	-4.892	-4.892	0	%100
25	M85	X	0	0	0	%100
26	M85	Z	0	0	0	%100
27	M91	X	0	0	0	%100
28	M91	Z	0	0	0	%100
29	M28	X	5.168	5.168	0	%100
30	M28	Z	-8.952	-8.952	0	%100
31	M29	X	4.06	4.06	0	%100
32	M29	Z	-7.033	-7.033	0	%100
33	M33	X	4.943	4.943	0	%100
34	M33	Z	-8.562	-8.562	0	%100
35	M34	X	1.674	1.674	0	%100
36	M34	Z	-2.899	-2.899	0	%100
37	M35	X	4.248	4.248	0	%100
38	M35	Z	-7.359	-7.359	0	%100
39	M38	X	4.248	4.248	0	%100
40	M38	Z	-7.359	-7.359	0	%100
41	M39	X	8.474	8.474	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[in,...	End Location[in,%]
42	M39	Z	-14.677	-14.677	0	%100
43	M42	X	.000608	.000608	0	%100
44	M42	Z	-.001	-.001	0	%100
45	M43A	X	4.654	4.654	0	%100
46	M43A	Z	-8.061	-8.061	0	%100
47	M47	X	2.825	2.825	0	%100
48	M47	Z	-4.892	-4.892	0	%100
49	M48	X	0	0	0	%100
50	M48	Z	0	0	0	%100
51	M50A	X	0	0	0	%100
52	M50A	Z	0	0	0	%100
53	M52A	X	2.825	2.825	0	%100
54	M52A	Z	-4.892	-4.892	0	%100
55	M53	X	8.631	8.631	0	%100
56	M53	Z	-14.949	-14.949	0	%100
57	M55	X	9.091	9.091	0	%100
58	M55	Z	-15.746	-15.746	0	%100
59	M60	X	5.168	5.168	0	%100
60	M60	Z	-8.952	-8.952	0	%100
61	M61	X	4.06	4.06	0	%100
62	M61	Z	-7.033	-7.033	0	%100
63	M65	X	0	0	0	%100
64	M65	Z	0	0	0	%100
65	M66	X	6.694	6.694	0	%100
66	M66	Z	-11.595	-11.595	0	%100
67	M67	X	0	0	0	%100
68	M67	Z	0	0	0	%100
69	M70	X	0	0	0	%100
70	M70	Z	0	0	0	%100
71	M71	X	0	0	0	%100
72	M71	Z	0	0	0	%100
73	M74	X	4.761	4.761	0	%100
74	M74	Z	-8.246	-8.246	0	%100
75	M75	X	4.761	4.761	0	%100
76	M75	Z	-8.246	-8.246	0	%100
77	M79A	X	11.299	11.299	0	%100
78	M79A	Z	-19.57	-19.57	0	%100
79	M80A	X	8.631	8.631	0	%100
80	M80A	Z	-14.949	-14.949	0	%100
81	M82	X	9.091	9.091	0	%100
82	M82	Z	-15.746	-15.746	0	%100
83	M84A	X	11.299	11.299	0	%100
84	M84A	Z	-19.57	-19.57	0	%100
85	M85A	X	8.631	8.631	0	%100
86	M85A	Z	-14.949	-14.949	0	%100
87	M87	X	9.091	9.091	0	%100
88	M87	Z	-15.746	-15.746	0	%100
89	M92A	X	12.523	12.523	0	%100
90	M92A	Z	-21.691	-21.691	0	%100
91	M93	X	0	0	0	%100
92	M93	Z	0	0	0	%100
93	M91B	X	3.995	3.995	0	%100
94	M91B	Z	-6.92	-6.92	0	%100
95	M92B	X	0	0	0	%100
96	M92B	Z	0	0	0	%100
97	M93A	X	3.995	3.995	0	%100
98	M93A	Z	-6.92	-6.92	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[in,...	End Location[in,%]
99	MP2A	X	4.472	4.472	0	%100
100	MP2A	Z	-7.746	-7.746	0	%100
101	MP3A	X	4.472	4.472	0	%100
102	MP3A	Z	-7.746	-7.746	0	%100
103	MP4A	X	4.472	4.472	0	%100
104	MP4A	Z	-7.746	-7.746	0	%100
105	MP5A	X	4.472	4.472	0	%100
106	MP5A	Z	-7.746	-7.746	0	%100
107	MP1C	X	4.472	4.472	0	%100
108	MP1C	Z	-7.746	-7.746	0	%100
109	MP2C	X	4.472	4.472	0	%100
110	MP2C	Z	-7.746	-7.746	0	%100
111	MP3C	X	4.472	4.472	0	%100
112	MP3C	Z	-7.746	-7.746	0	%100
113	MP4C	X	4.472	4.472	0	%100
114	MP4C	Z	-7.746	-7.746	0	%100
115	MP5C	X	4.472	4.472	0	%100
116	MP5C	Z	-7.746	-7.746	0	%100
117	MP1B	X	4.472	4.472	0	%100
118	MP1B	Z	-7.746	-7.746	0	%100
119	MP2B	X	4.472	4.472	0	%100
120	MP2B	Z	-7.746	-7.746	0	%100
121	MP3B	X	4.472	4.472	0	%100
122	MP3B	Z	-7.746	-7.746	0	%100
123	MP4B	X	4.472	4.472	0	%100
124	MP4B	Z	-7.746	-7.746	0	%100
125	MP5B	X	4.472	4.472	0	%100
126	MP5B	Z	-7.746	-7.746	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[in,...	End Location[in,%]
1	FACE	X	2.854	2.854	0	%100
2	FACE	Z	-1.648	-1.648	0	%100
3	M4	X	8.696	8.696	0	%100
4	M4	Z	-5.021	-5.021	0	%100
5	M10	X	2.453	2.453	0	%100
6	M10	Z	-1.416	-1.416	0	%100
7	MP1A	X	7.746	7.746	0	%100
8	MP1A	Z	-4.472	-4.472	0	%100
9	M43	X	2.453	2.453	0	%100
10	M43	Z	-1.416	-1.416	0	%100
11	M46	X	4.892	4.892	0	%100
12	M46	Z	-2.825	-2.825	0	%100
13	M51B	X	10.871	10.871	0	%100
14	M51B	Z	-6.276	-6.276	0	%100
15	M52B	X	2.811	2.811	0	%100
16	M52B	Z	-1.623	-1.623	0	%100
17	M76	X	14.677	14.677	0	%100
18	M76	Z	-8.474	-8.474	0	%100
19	M77	X	19.932	19.932	0	%100
20	M77	Z	-11.508	-11.508	0	%100
21	M80	X	20.994	20.994	0	%100
22	M80	Z	-12.121	-12.121	0	%100
23	M84	X	14.677	14.677	0	%100
24	M84	Z	-8.474	-8.474	0	%100
25	M85	X	4.983	4.983	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[in,...	End Location[in,%]
26	M85	Z	-2.877	-2.877	0	%100
27	M91	X	5.249	5.249	0	%100
28	M91	Z	-3.03	-3.03	0	%100
29	M28	X	17.445	17.445	0	%100
30	M28	Z	-10.072	-10.072	0	%100
31	M29	X	2.344	2.344	0	%100
32	M29	Z	-1.353	-1.353	0	%100
33	M33	X	11.416	11.416	0	%100
34	M33	Z	-6.591	-6.591	0	%100
35	M34	X	0	0	0	%100
36	M34	Z	0	0	0	%100
37	M35	X	9.811	9.811	0	%100
38	M35	Z	-5.665	-5.665	0	%100
39	M38	X	9.811	9.811	0	%100
40	M38	Z	-5.665	-5.665	0	%100
41	M39	X	19.57	19.57	0	%100
42	M39	Z	-11.299	-11.299	0	%100
43	M42	X	2.626	2.626	0	%100
44	M42	Z	-1.516	-1.516	0	%100
45	M43A	X	2.626	2.626	0	%100
46	M43A	Z	-1.516	-1.516	0	%100
47	M47	X	0	0	0	%100
48	M47	Z	0	0	0	%100
49	M48	X	4.983	4.983	0	%100
50	M48	Z	-2.877	-2.877	0	%100
51	M50A	X	5.249	5.249	0	%100
52	M50A	Z	-3.03	-3.03	0	%100
53	M52A	X	0	0	0	%100
54	M52A	Z	0	0	0	%100
55	M53	X	4.983	4.983	0	%100
56	M53	Z	-2.877	-2.877	0	%100
57	M55	X	5.249	5.249	0	%100
58	M55	Z	-3.03	-3.03	0	%100
59	M60	X	4.705	4.705	0	%100
60	M60	Z	-2.717	-2.717	0	%100
61	M61	X	9.377	9.377	0	%100
62	M61	Z	-5.414	-5.414	0	%100
63	M65	X	2.854	2.854	0	%100
64	M65	Z	-1.648	-1.648	0	%100
65	M66	X	8.696	8.696	0	%100
66	M66	Z	-5.021	-5.021	0	%100
67	M67	X	2.453	2.453	0	%100
68	M67	Z	-1.416	-1.416	0	%100
69	M70	X	2.453	2.453	0	%100
70	M70	Z	-1.416	-1.416	0	%100
71	M71	X	4.892	4.892	0	%100
72	M71	Z	-2.825	-2.825	0	%100
73	M74	X	2.811	2.811	0	%100
74	M74	Z	-1.623	-1.623	0	%100
75	M75	X	10.871	10.871	0	%100
76	M75	Z	-6.276	-6.276	0	%100
77	M79A	X	14.677	14.677	0	%100
78	M79A	Z	-8.474	-8.474	0	%100
79	M80A	X	4.983	4.983	0	%100
80	M80A	Z	-2.877	-2.877	0	%100
81	M82	X	5.249	5.249	0	%100
82	M82	Z	-3.03	-3.03	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[in,...	End Location[in,%]
83	M84A	X	14.677	14.677	0	%100
84	M84A	Z	-8.474	-8.474	0	%100
85	M85A	X	19.932	19.932	0	%100
86	M85A	Z	-11.508	-11.508	0	%100
87	M87	X	20.994	20.994	0	%100
88	M87	Z	-12.121	-12.121	0	%100
89	M92A	X	17.445	17.445	0	%100
90	M92A	Z	-10.072	-10.072	0	%100
91	M93	X	2.344	2.344	0	%100
92	M93	Z	-1.353	-1.353	0	%100
93	M91B	X	9.227	9.227	0	%100
94	M91B	Z	-5.327	-5.327	0	%100
95	M92B	X	2.307	2.307	0	%100
96	M92B	Z	-1.332	-1.332	0	%100
97	M93A	X	2.307	2.307	0	%100
98	M93A	Z	-1.332	-1.332	0	%100
99	MP2A	X	7.746	7.746	0	%100
100	MP2A	Z	-4.472	-4.472	0	%100
101	MP3A	X	7.746	7.746	0	%100
102	MP3A	Z	-4.472	-4.472	0	%100
103	MP4A	X	7.746	7.746	0	%100
104	MP4A	Z	-4.472	-4.472	0	%100
105	MP5A	X	7.746	7.746	0	%100
106	MP5A	Z	-4.472	-4.472	0	%100
107	MP1C	X	7.746	7.746	0	%100
108	MP1C	Z	-4.472	-4.472	0	%100
109	MP2C	X	7.746	7.746	0	%100
110	MP2C	Z	-4.472	-4.472	0	%100
111	MP3C	X	7.746	7.746	0	%100
112	MP3C	Z	-4.472	-4.472	0	%100
113	MP4C	X	7.746	7.746	0	%100
114	MP4C	Z	-4.472	-4.472	0	%100
115	MP5C	X	7.746	7.746	0	%100
116	MP5C	Z	-4.472	-4.472	0	%100
117	MP1B	X	7.746	7.746	0	%100
118	MP1B	Z	-4.472	-4.472	0	%100
119	MP2B	X	7.746	7.746	0	%100
120	MP2B	Z	-4.472	-4.472	0	%100
121	MP3B	X	7.746	7.746	0	%100
122	MP3B	Z	-4.472	-4.472	0	%100
123	MP4B	X	7.746	7.746	0	%100
124	MP4B	Z	-4.472	-4.472	0	%100
125	MP5B	X	7.746	7.746	0	%100
126	MP5B	Z	-4.472	-4.472	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[in,...	End Location[in,%]
1	FACE	X	0	0	0	%100
2	FACE	Z	0	0	0	%100
3	M4	X	13.389	13.389	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	MP1A	X	8.945	8.945	0	%100
8	MP1A	Z	0	0	0	%100
9	M43	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[in,...	End Location[in,%]
10	M43	Z	0	0	0	%100
11	M46	X	0	0	0	%100
12	M46	Z	0	0	0	%100
13	M51B	X	9.522	9.522	0	%100
14	M51B	Z	0	0	0	%100
15	M52B	X	9.522	9.522	0	%100
16	M52B	Z	0	0	0	%100
17	M76	X	22.597	22.597	0	%100
18	M76	Z	0	0	0	%100
19	M77	X	17.262	17.262	0	%100
20	M77	Z	0	0	0	%100
21	M80	X	18.181	18.181	0	%100
22	M80	Z	0	0	0	%100
23	M84	X	22.597	22.597	0	%100
24	M84	Z	0	0	0	%100
25	M85	X	17.262	17.262	0	%100
26	M85	Z	0	0	0	%100
27	M91	X	18.181	18.181	0	%100
28	M91	Z	0	0	0	%100
29	M28	X	25.047	25.047	0	%100
30	M28	Z	0	0	0	%100
31	M29	X	0	0	0	%100
32	M29	Z	0	0	0	%100
33	M33	X	9.886	9.886	0	%100
34	M33	Z	0	0	0	%100
35	M34	X	3.347	3.347	0	%100
36	M34	Z	0	0	0	%100
37	M35	X	8.497	8.497	0	%100
38	M35	Z	0	0	0	%100
39	M38	X	8.497	8.497	0	%100
40	M38	Z	0	0	0	%100
41	M39	X	16.948	16.948	0	%100
42	M39	Z	0	0	0	%100
43	M42	X	9.308	9.308	0	%100
44	M42	Z	0	0	0	%100
45	M43A	X	.001	.001	0	%100
46	M43A	Z	0	0	0	%100
47	M47	X	5.649	5.649	0	%100
48	M47	Z	0	0	0	%100
49	M48	X	17.262	17.262	0	%100
50	M48	Z	0	0	0	%100
51	M50A	X	18.181	18.181	0	%100
52	M50A	Z	0	0	0	%100
53	M52A	X	5.649	5.649	0	%100
54	M52A	Z	0	0	0	%100
55	M53	X	0	0	0	%100
56	M53	Z	0	0	0	%100
57	M55	X	0	0	0	%100
58	M55	Z	0	0	0	%100
59	M60	X	10.337	10.337	0	%100
60	M60	Z	0	0	0	%100
61	M61	X	8.121	8.121	0	%100
62	M61	Z	0	0	0	%100
63	M65	X	9.886	9.886	0	%100
64	M65	Z	0	0	0	%100
65	M66	X	3.347	3.347	0	%100
66	M66	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[in,...	End Location[in,%]
67	M67	X	8.497	8.497	0	%100
68	M67	Z	0	0	0	%100
69	M70	X	8.497	8.497	0	%100
70	M70	Z	0	0	0	%100
71	M71	X	16.948	16.948	0	%100
72	M71	Z	0	0	0	%100
73	M74	X	.001	.001	0	%100
74	M74	Z	0	0	0	%100
75	M75	X	9.308	9.308	0	%100
76	M75	Z	0	0	0	%100
77	M79A	X	5.649	5.649	0	%100
78	M79A	Z	0	0	0	%100
79	M80A	X	0	0	0	%100
80	M80A	Z	0	0	0	%100
81	M82	X	0	0	0	%100
82	M82	Z	0	0	0	%100
83	M84A	X	5.649	5.649	0	%100
84	M84A	Z	0	0	0	%100
85	M85A	X	17.262	17.262	0	%100
86	M85A	Z	0	0	0	%100
87	M87	X	18.181	18.181	0	%100
88	M87	Z	0	0	0	%100
89	M92A	X	10.337	10.337	0	%100
90	M92A	Z	0	0	0	%100
91	M93	X	8.121	8.121	0	%100
92	M93	Z	0	0	0	%100
93	M91B	X	7.99	7.99	0	%100
94	M91B	Z	0	0	0	%100
95	M92B	X	7.99	7.99	0	%100
96	M92B	Z	0	0	0	%100
97	M93A	X	0	0	0	%100
98	M93A	Z	0	0	0	%100
99	MP2A	X	8.945	8.945	0	%100
100	MP2A	Z	0	0	0	%100
101	MP3A	X	8.945	8.945	0	%100
102	MP3A	Z	0	0	0	%100
103	MP4A	X	8.945	8.945	0	%100
104	MP4A	Z	0	0	0	%100
105	MP5A	X	8.945	8.945	0	%100
106	MP5A	Z	0	0	0	%100
107	MP1C	X	8.945	8.945	0	%100
108	MP1C	Z	0	0	0	%100
109	MP2C	X	8.945	8.945	0	%100
110	MP2C	Z	0	0	0	%100
111	MP3C	X	8.945	8.945	0	%100
112	MP3C	Z	0	0	0	%100
113	MP4C	X	8.945	8.945	0	%100
114	MP4C	Z	0	0	0	%100
115	MP5C	X	8.945	8.945	0	%100
116	MP5C	Z	0	0	0	%100
117	MP1B	X	8.945	8.945	0	%100
118	MP1B	Z	0	0	0	%100
119	MP2B	X	8.945	8.945	0	%100
120	MP2B	Z	0	0	0	%100
121	MP3B	X	8.945	8.945	0	%100
122	MP3B	Z	0	0	0	%100
123	MP4B	X	8.945	8.945	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[in,...	End Location[in,%]
124	MP4B	Z	0	0	0	%100
125	MP5B	X	8.945	8.945	0	%100
126	MP5B	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[in,...	End Location[in,%]
1	FACE	X	2.854	2.854	0	%100
2	FACE	Z	1.648	1.648	0	%100
3	M4	X	8.696	8.696	0	%100
4	M4	Z	5.021	5.021	0	%100
5	M10	X	2.453	2.453	0	%100
6	M10	Z	1.416	1.416	0	%100
7	MP1A	X	7.746	7.746	0	%100
8	MP1A	Z	4.472	4.472	0	%100
9	M43	X	2.453	2.453	0	%100
10	M43	Z	1.416	1.416	0	%100
11	M46	X	4.892	4.892	0	%100
12	M46	Z	2.825	2.825	0	%100
13	M51B	X	2.811	2.811	0	%100
14	M51B	Z	1.623	1.623	0	%100
15	M52B	X	10.871	10.871	0	%100
16	M52B	Z	6.276	6.276	0	%100
17	M76	X	14.677	14.677	0	%100
18	M76	Z	8.474	8.474	0	%100
19	M77	X	4.983	4.983	0	%100
20	M77	Z	2.877	2.877	0	%100
21	M80	X	5.249	5.249	0	%100
22	M80	Z	3.03	3.03	0	%100
23	M84	X	14.677	14.677	0	%100
24	M84	Z	8.474	8.474	0	%100
25	M85	X	19.932	19.932	0	%100
26	M85	Z	11.508	11.508	0	%100
27	M91	X	20.994	20.994	0	%100
28	M91	Z	12.121	12.121	0	%100
29	M28	X	17.445	17.445	0	%100
30	M28	Z	10.072	10.072	0	%100
31	M29	X	2.344	2.344	0	%100
32	M29	Z	1.353	1.353	0	%100
33	M33	X	2.854	2.854	0	%100
34	M33	Z	1.648	1.648	0	%100
35	M34	X	8.696	8.696	0	%100
36	M34	Z	5.021	5.021	0	%100
37	M35	X	2.453	2.453	0	%100
38	M35	Z	1.416	1.416	0	%100
39	M38	X	2.453	2.453	0	%100
40	M38	Z	1.416	1.416	0	%100
41	M39	X	4.892	4.892	0	%100
42	M39	Z	2.825	2.825	0	%100
43	M42	X	10.871	10.871	0	%100
44	M42	Z	6.276	6.276	0	%100
45	M43A	X	2.811	2.811	0	%100
46	M43A	Z	1.623	1.623	0	%100
47	M47	X	14.677	14.677	0	%100
48	M47	Z	8.474	8.474	0	%100
49	M48	X	19.932	19.932	0	%100
50	M48	Z	11.508	11.508	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[in,...	End Location[in,%]
51	M50A	X	20.994	20.994	0	%100
52	M50A	Z	12.121	12.121	0	%100
53	M52A	X	14.677	14.677	0	%100
54	M52A	Z	8.474	8.474	0	%100
55	M53	X	4.983	4.983	0	%100
56	M53	Z	2.877	2.877	0	%100
57	M55	X	5.249	5.249	0	%100
58	M55	Z	3.03	3.03	0	%100
59	M60	X	17.445	17.445	0	%100
60	M60	Z	10.072	10.072	0	%100
61	M61	X	2.344	2.344	0	%100
62	M61	Z	1.353	1.353	0	%100
63	M65	X	11.416	11.416	0	%100
64	M65	Z	6.591	6.591	0	%100
65	M66	X	0	0	0	%100
66	M66	Z	0	0	0	%100
67	M67	X	9.811	9.811	0	%100
68	M67	Z	5.665	5.665	0	%100
69	M70	X	9.811	9.811	0	%100
70	M70	Z	5.665	5.665	0	%100
71	M71	X	19.57	19.57	0	%100
72	M71	Z	11.299	11.299	0	%100
73	M74	X	2.626	2.626	0	%100
74	M74	Z	1.516	1.516	0	%100
75	M75	X	2.626	2.626	0	%100
76	M75	Z	1.516	1.516	0	%100
77	M79A	X	0	0	0	%100
78	M79A	Z	0	0	0	%100
79	M80A	X	4.983	4.983	0	%100
80	M80A	Z	2.877	2.877	0	%100
81	M82	X	5.249	5.249	0	%100
82	M82	Z	3.03	3.03	0	%100
83	M84A	X	0	0	0	%100
84	M84A	Z	0	0	0	%100
85	M85A	X	4.983	4.983	0	%100
86	M85A	Z	2.877	2.877	0	%100
87	M87	X	5.249	5.249	0	%100
88	M87	Z	3.03	3.03	0	%100
89	M92A	X	4.705	4.705	0	%100
90	M92A	Z	2.717	2.717	0	%100
91	M93	X	9.377	9.377	0	%100
92	M93	Z	5.414	5.414	0	%100
93	M91B	X	2.307	2.307	0	%100
94	M91B	Z	1.332	1.332	0	%100
95	M92B	X	9.227	9.227	0	%100
96	M92B	Z	5.327	5.327	0	%100
97	M93A	X	2.307	2.307	0	%100
98	M93A	Z	1.332	1.332	0	%100
99	MP2A	X	7.746	7.746	0	%100
100	MP2A	Z	4.472	4.472	0	%100
101	MP3A	X	7.746	7.746	0	%100
102	MP3A	Z	4.472	4.472	0	%100
103	MP4A	X	7.746	7.746	0	%100
104	MP4A	Z	4.472	4.472	0	%100
105	MP5A	X	7.746	7.746	0	%100
106	MP5A	Z	4.472	4.472	0	%100
107	MP1C	X	7.746	7.746	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[in,...	End Location[in,%]
108	MP1C	Z	4.472	4.472	0	%100
109	MP2C	X	7.746	7.746	0	%100
110	MP2C	Z	4.472	4.472	0	%100
111	MP3C	X	7.746	7.746	0	%100
112	MP3C	Z	4.472	4.472	0	%100
113	MP4C	X	7.746	7.746	0	%100
114	MP4C	Z	4.472	4.472	0	%100
115	MP5C	X	7.746	7.746	0	%100
116	MP5C	Z	4.472	4.472	0	%100
117	MP1B	X	7.746	7.746	0	%100
118	MP1B	Z	4.472	4.472	0	%100
119	MP2B	X	7.746	7.746	0	%100
120	MP2B	Z	4.472	4.472	0	%100
121	MP3B	X	7.746	7.746	0	%100
122	MP3B	Z	4.472	4.472	0	%100
123	MP4B	X	7.746	7.746	0	%100
124	MP4B	Z	4.472	4.472	0	%100
125	MP5B	X	7.746	7.746	0	%100
126	MP5B	Z	4.472	4.472	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[in,...	End Location[in,%]
1	FACE	X	4.943	4.943	0	%100
2	FACE	Z	8.562	8.562	0	%100
3	M4	X	1.674	1.674	0	%100
4	M4	Z	2.899	2.899	0	%100
5	M10	X	4.248	4.248	0	%100
6	M10	Z	7.359	7.359	0	%100
7	MP1A	X	4.472	4.472	0	%100
8	MP1A	Z	7.746	7.746	0	%100
9	M43	X	4.248	4.248	0	%100
10	M43	Z	7.359	7.359	0	%100
11	M46	X	8.474	8.474	0	%100
12	M46	Z	14.677	14.677	0	%100
13	M51B	X	.000608	.000608	0	%100
14	M51B	Z	.001	.001	0	%100
15	M52B	X	4.654	4.654	0	%100
16	M52B	Z	8.061	8.061	0	%100
17	M76	X	2.825	2.825	0	%100
18	M76	Z	4.892	4.892	0	%100
19	M77	X	0	0	0	%100
20	M77	Z	0	0	0	%100
21	M80	X	0	0	0	%100
22	M80	Z	0	0	0	%100
23	M84	X	2.825	2.825	0	%100
24	M84	Z	4.892	4.892	0	%100
25	M85	X	8.631	8.631	0	%100
26	M85	Z	14.949	14.949	0	%100
27	M91	X	9.091	9.091	0	%100
28	M91	Z	15.746	15.746	0	%100
29	M28	X	5.168	5.168	0	%100
30	M28	Z	8.952	8.952	0	%100
31	M29	X	4.06	4.06	0	%100
32	M29	Z	7.033	7.033	0	%100
33	M33	X	0	0	0	%100
34	M33	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[in,...	End Location[in,%]
35	M34	X	6.694	6.694	0	%100
36	M34	Z	11.595	11.595	0	%100
37	M35	X	0	0	0	%100
38	M35	Z	0	0	0	%100
39	M38	X	0	0	0	%100
40	M38	Z	0	0	0	%100
41	M39	X	0	0	0	%100
42	M39	Z	0	0	0	%100
43	M42	X	4.761	4.761	0	%100
44	M42	Z	8.246	8.246	0	%100
45	M43A	X	4.761	4.761	0	%100
46	M43A	Z	8.246	8.246	0	%100
47	M47	X	11.299	11.299	0	%100
48	M47	Z	19.57	19.57	0	%100
49	M48	X	8.631	8.631	0	%100
50	M48	Z	14.949	14.949	0	%100
51	M50A	X	9.091	9.091	0	%100
52	M50A	Z	15.746	15.746	0	%100
53	M52A	X	11.299	11.299	0	%100
54	M52A	Z	19.57	19.57	0	%100
55	M53	X	8.631	8.631	0	%100
56	M53	Z	14.949	14.949	0	%100
57	M55	X	9.091	9.091	0	%100
58	M55	Z	15.746	15.746	0	%100
59	M60	X	12.523	12.523	0	%100
60	M60	Z	21.691	21.691	0	%100
61	M61	X	0	0	0	%100
62	M61	Z	0	0	0	%100
63	M65	X	4.943	4.943	0	%100
64	M65	Z	8.562	8.562	0	%100
65	M66	X	1.674	1.674	0	%100
66	M66	Z	2.899	2.899	0	%100
67	M67	X	4.248	4.248	0	%100
68	M67	Z	7.359	7.359	0	%100
69	M70	X	4.248	4.248	0	%100
70	M70	Z	7.359	7.359	0	%100
71	M71	X	8.474	8.474	0	%100
72	M71	Z	14.677	14.677	0	%100
73	M74	X	4.654	4.654	0	%100
74	M74	Z	8.061	8.061	0	%100
75	M75	X	.000608	.000608	0	%100
76	M75	Z	.001	.001	0	%100
77	M79A	X	2.825	2.825	0	%100
78	M79A	Z	4.892	4.892	0	%100
79	M80A	X	8.631	8.631	0	%100
80	M80A	Z	14.949	14.949	0	%100
81	M82	X	9.091	9.091	0	%100
82	M82	Z	15.746	15.746	0	%100
83	M84A	X	2.825	2.825	0	%100
84	M84A	Z	4.892	4.892	0	%100
85	M85A	X	0	0	0	%100
86	M85A	Z	0	0	0	%100
87	M87	X	0	0	0	%100
88	M87	Z	0	0	0	%100
89	M92A	X	5.168	5.168	0	%100
90	M92A	Z	8.952	8.952	0	%100
91	M93	X	4.06	4.06	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[in,...	End Location[in,%]
92	M93	Z	7.033	7.033	0	%100
93	M91B	X	0	0	0	%100
94	M91B	Z	0	0	0	%100
95	M92B	X	3.995	3.995	0	%100
96	M92B	Z	6.92	6.92	0	%100
97	M93A	X	3.995	3.995	0	%100
98	M93A	Z	6.92	6.92	0	%100
99	MP2A	X	4.472	4.472	0	%100
100	MP2A	Z	7.746	7.746	0	%100
101	MP3A	X	4.472	4.472	0	%100
102	MP3A	Z	7.746	7.746	0	%100
103	MP4A	X	4.472	4.472	0	%100
104	MP4A	Z	7.746	7.746	0	%100
105	MP5A	X	4.472	4.472	0	%100
106	MP5A	Z	7.746	7.746	0	%100
107	MP1C	X	4.472	4.472	0	%100
108	MP1C	Z	7.746	7.746	0	%100
109	MP2C	X	4.472	4.472	0	%100
110	MP2C	Z	7.746	7.746	0	%100
111	MP3C	X	4.472	4.472	0	%100
112	MP3C	Z	7.746	7.746	0	%100
113	MP4C	X	4.472	4.472	0	%100
114	MP4C	Z	7.746	7.746	0	%100
115	MP5C	X	4.472	4.472	0	%100
116	MP5C	Z	7.746	7.746	0	%100
117	MP1B	X	4.472	4.472	0	%100
118	MP1B	Z	7.746	7.746	0	%100
119	MP2B	X	4.472	4.472	0	%100
120	MP2B	Z	7.746	7.746	0	%100
121	MP3B	X	4.472	4.472	0	%100
122	MP3B	Z	7.746	7.746	0	%100
123	MP4B	X	4.472	4.472	0	%100
124	MP4B	Z	7.746	7.746	0	%100
125	MP5B	X	4.472	4.472	0	%100
126	MP5B	Z	7.746	7.746	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[in,...	End Location[in,%]
1	FACE	X	0	0	0	%100
2	FACE	Z	13.182	13.182	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	11.329	11.329	0	%100
7	MP1A	X	0	0	0	%100
8	MP1A	Z	8.945	8.945	0	%100
9	M43	X	0	0	0	%100
10	M43	Z	11.329	11.329	0	%100
11	M46	X	0	0	0	%100
12	M46	Z	22.597	22.597	0	%100
13	M51B	X	0	0	0	%100
14	M51B	Z	3.032	3.032	0	%100
15	M52B	X	0	0	0	%100
16	M52B	Z	3.032	3.032	0	%100
17	M76	X	0	0	0	%100
18	M76	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[in,...	End Location[in,%]
19	M77	X	0	0	0	%100
20	M77	Z	5.754	5.754	0	%100
21	M80	X	0	0	0	%100
22	M80	Z	6.06	6.06	0	%100
23	M84	X	0	0	0	%100
24	M84	Z	0	0	0	%100
25	M85	X	0	0	0	%100
26	M85	Z	5.754	5.754	0	%100
27	M91	X	0	0	0	%100
28	M91	Z	6.06	6.06	0	%100
29	M28	X	0	0	0	%100
30	M28	Z	5.433	5.433	0	%100
31	M29	X	0	0	0	%100
32	M29	Z	10.828	10.828	0	%100
33	M33	X	0	0	0	%100
34	M33	Z	3.295	3.295	0	%100
35	M34	X	0	0	0	%100
36	M34	Z	10.042	10.042	0	%100
37	M35	X	0	0	0	%100
38	M35	Z	2.832	2.832	0	%100
39	M38	X	0	0	0	%100
40	M38	Z	2.832	2.832	0	%100
41	M39	X	0	0	0	%100
42	M39	Z	5.649	5.649	0	%100
43	M42	X	0	0	0	%100
44	M42	Z	3.246	3.246	0	%100
45	M43A	X	0	0	0	%100
46	M43A	Z	12.553	12.553	0	%100
47	M47	X	0	0	0	%100
48	M47	Z	16.948	16.948	0	%100
49	M48	X	0	0	0	%100
50	M48	Z	5.754	5.754	0	%100
51	M50A	X	0	0	0	%100
52	M50A	Z	6.06	6.06	0	%100
53	M52A	X	0	0	0	%100
54	M52A	Z	16.948	16.948	0	%100
55	M53	X	0	0	0	%100
56	M53	Z	23.016	23.016	0	%100
57	M55	X	0	0	0	%100
58	M55	Z	24.242	24.242	0	%100
59	M60	X	0	0	0	%100
60	M60	Z	20.143	20.143	0	%100
61	M61	X	0	0	0	%100
62	M61	Z	2.707	2.707	0	%100
63	M65	X	0	0	0	%100
64	M65	Z	3.295	3.295	0	%100
65	M66	X	0	0	0	%100
66	M66	Z	10.042	10.042	0	%100
67	M67	X	0	0	0	%100
68	M67	Z	2.832	2.832	0	%100
69	M70	X	0	0	0	%100
70	M70	Z	2.832	2.832	0	%100
71	M71	X	0	0	0	%100
72	M71	Z	5.649	5.649	0	%100
73	M74	X	0	0	0	%100
74	M74	Z	12.553	12.553	0	%100
75	M75	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[in,...	End Location[in,%]
76	M75	Z	3.246	3.246	0	%100
77	M79A	X	0	0	0	%100
78	M79A	Z	16.948	16.948	0	%100
79	M80A	X	0	0	0	%100
80	M80A	Z	23.016	23.016	0	%100
81	M82	X	0	0	0	%100
82	M82	Z	24.242	24.242	0	%100
83	M84A	X	0	0	0	%100
84	M84A	Z	16.948	16.948	0	%100
85	M85A	X	0	0	0	%100
86	M85A	Z	5.754	5.754	0	%100
87	M87	X	0	0	0	%100
88	M87	Z	6.06	6.06	0	%100
89	M92A	X	0	0	0	%100
90	M92A	Z	20.143	20.143	0	%100
91	M93	X	0	0	0	%100
92	M93	Z	2.707	2.707	0	%100
93	M91B	X	0	0	0	%100
94	M91B	Z	2.663	2.663	0	%100
95	M92B	X	0	0	0	%100
96	M92B	Z	2.663	2.663	0	%100
97	M93A	X	0	0	0	%100
98	M93A	Z	10.654	10.654	0	%100
99	MP2A	X	0	0	0	%100
100	MP2A	Z	8.945	8.945	0	%100
101	MP3A	X	0	0	0	%100
102	MP3A	Z	8.945	8.945	0	%100
103	MP4A	X	0	0	0	%100
104	MP4A	Z	8.945	8.945	0	%100
105	MP5A	X	0	0	0	%100
106	MP5A	Z	8.945	8.945	0	%100
107	MP1C	X	0	0	0	%100
108	MP1C	Z	8.945	8.945	0	%100
109	MP2C	X	0	0	0	%100
110	MP2C	Z	8.945	8.945	0	%100
111	MP3C	X	0	0	0	%100
112	MP3C	Z	8.945	8.945	0	%100
113	MP4C	X	0	0	0	%100
114	MP4C	Z	8.945	8.945	0	%100
115	MP5C	X	0	0	0	%100
116	MP5C	Z	8.945	8.945	0	%100
117	MP1B	X	0	0	0	%100
118	MP1B	Z	8.945	8.945	0	%100
119	MP2B	X	0	0	0	%100
120	MP2B	Z	8.945	8.945	0	%100
121	MP3B	X	0	0	0	%100
122	MP3B	Z	8.945	8.945	0	%100
123	MP4B	X	0	0	0	%100
124	MP4B	Z	8.945	8.945	0	%100
125	MP5B	X	0	0	0	%100
126	MP5B	Z	8.945	8.945	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[in,...	End Location[in,%]
1	FACE	X	-4.943	-4.943	0	%100
2	FACE	Z	8.562	8.562	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[in,...	End Location[in,%]
3	M4	X	-1.674	-1.674	0	%100
4	M4	Z	2.899	2.899	0	%100
5	M10	X	-4.248	-4.248	0	%100
6	M10	Z	7.359	7.359	0	%100
7	MP1A	X	-4.472	-4.472	0	%100
8	MP1A	Z	7.746	7.746	0	%100
9	M43	X	-4.248	-4.248	0	%100
10	M43	Z	7.359	7.359	0	%100
11	M46	X	-8.474	-8.474	0	%100
12	M46	Z	14.677	14.677	0	%100
13	M51B	X	-4.654	-4.654	0	%100
14	M51B	Z	8.061	8.061	0	%100
15	M52B	X	-.000608	-.000608	0	%100
16	M52B	Z	.001	.001	0	%100
17	M76	X	-2.825	-2.825	0	%100
18	M76	Z	4.892	4.892	0	%100
19	M77	X	-8.631	-8.631	0	%100
20	M77	Z	14.949	14.949	0	%100
21	M80	X	-9.091	-9.091	0	%100
22	M80	Z	15.746	15.746	0	%100
23	M84	X	-2.825	-2.825	0	%100
24	M84	Z	4.892	4.892	0	%100
25	M85	X	0	0	0	%100
26	M85	Z	0	0	0	%100
27	M91	X	0	0	0	%100
28	M91	Z	0	0	0	%100
29	M28	X	-5.168	-5.168	0	%100
30	M28	Z	8.952	8.952	0	%100
31	M29	X	-4.06	-4.06	0	%100
32	M29	Z	7.033	7.033	0	%100
33	M33	X	-4.943	-4.943	0	%100
34	M33	Z	8.562	8.562	0	%100
35	M34	X	-1.674	-1.674	0	%100
36	M34	Z	2.899	2.899	0	%100
37	M35	X	-4.248	-4.248	0	%100
38	M35	Z	7.359	7.359	0	%100
39	M38	X	-4.248	-4.248	0	%100
40	M38	Z	7.359	7.359	0	%100
41	M39	X	-8.474	-8.474	0	%100
42	M39	Z	14.677	14.677	0	%100
43	M42	X	-.000608	-.000608	0	%100
44	M42	Z	.001	.001	0	%100
45	M43A	X	-4.654	-4.654	0	%100
46	M43A	Z	8.061	8.061	0	%100
47	M47	X	-2.825	-2.825	0	%100
48	M47	Z	4.892	4.892	0	%100
49	M48	X	0	0	0	%100
50	M48	Z	0	0	0	%100
51	M50A	X	0	0	0	%100
52	M50A	Z	0	0	0	%100
53	M52A	X	-2.825	-2.825	0	%100
54	M52A	Z	4.892	4.892	0	%100
55	M53	X	-8.631	-8.631	0	%100
56	M53	Z	14.949	14.949	0	%100
57	M55	X	-9.091	-9.091	0	%100
58	M55	Z	15.746	15.746	0	%100
59	M60	X	-5.168	-5.168	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[in,...	End Location[in,%]
60	M60	Z	8.952	8.952	0	%100
61	M61	X	-4.06	-4.06	0	%100
62	M61	Z	7.033	7.033	0	%100
63	M65	X	0	0	0	%100
64	M65	Z	0	0	0	%100
65	M66	X	-6.694	-6.694	0	%100
66	M66	Z	11.595	11.595	0	%100
67	M67	X	0	0	0	%100
68	M67	Z	0	0	0	%100
69	M70	X	0	0	0	%100
70	M70	Z	0	0	0	%100
71	M71	X	0	0	0	%100
72	M71	Z	0	0	0	%100
73	M74	X	-4.761	-4.761	0	%100
74	M74	Z	8.246	8.246	0	%100
75	M75	X	-4.761	-4.761	0	%100
76	M75	Z	8.246	8.246	0	%100
77	M79A	X	-11.299	-11.299	0	%100
78	M79A	Z	19.57	19.57	0	%100
79	M80A	X	-8.631	-8.631	0	%100
80	M80A	Z	14.949	14.949	0	%100
81	M82	X	-9.091	-9.091	0	%100
82	M82	Z	15.746	15.746	0	%100
83	M84A	X	-11.299	-11.299	0	%100
84	M84A	Z	19.57	19.57	0	%100
85	M85A	X	-8.631	-8.631	0	%100
86	M85A	Z	14.949	14.949	0	%100
87	M87	X	-9.091	-9.091	0	%100
88	M87	Z	15.746	15.746	0	%100
89	M92A	X	-12.523	-12.523	0	%100
90	M92A	Z	21.691	21.691	0	%100
91	M93	X	0	0	0	%100
92	M93	Z	0	0	0	%100
93	M91B	X	-3.995	-3.995	0	%100
94	M91B	Z	6.92	6.92	0	%100
95	M92B	X	0	0	0	%100
96	M92B	Z	0	0	0	%100
97	M93A	X	-3.995	-3.995	0	%100
98	M93A	Z	6.92	6.92	0	%100
99	MP2A	X	-4.472	-4.472	0	%100
100	MP2A	Z	7.746	7.746	0	%100
101	MP3A	X	-4.472	-4.472	0	%100
102	MP3A	Z	7.746	7.746	0	%100
103	MP4A	X	-4.472	-4.472	0	%100
104	MP4A	Z	7.746	7.746	0	%100
105	MP5A	X	-4.472	-4.472	0	%100
106	MP5A	Z	7.746	7.746	0	%100
107	MP1C	X	-4.472	-4.472	0	%100
108	MP1C	Z	7.746	7.746	0	%100
109	MP2C	X	-4.472	-4.472	0	%100
110	MP2C	Z	7.746	7.746	0	%100
111	MP3C	X	-4.472	-4.472	0	%100
112	MP3C	Z	7.746	7.746	0	%100
113	MP4C	X	-4.472	-4.472	0	%100
114	MP4C	Z	7.746	7.746	0	%100
115	MP5C	X	-4.472	-4.472	0	%100
116	MP5C	Z	7.746	7.746	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[in,...	End Location[in,%]
117	MP1B	X	-4.472	-4.472	0	%100
118	MP1B	Z	7.746	7.746	0	%100
119	MP2B	X	-4.472	-4.472	0	%100
120	MP2B	Z	7.746	7.746	0	%100
121	MP3B	X	-4.472	-4.472	0	%100
122	MP3B	Z	7.746	7.746	0	%100
123	MP4B	X	-4.472	-4.472	0	%100
124	MP4B	Z	7.746	7.746	0	%100
125	MP5B	X	-4.472	-4.472	0	%100
126	MP5B	Z	7.746	7.746	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[in,...	End Location[in,%]
1	FACE	X	-2.854	-2.854	0	%100
2	FACE	Z	1.648	1.648	0	%100
3	M4	X	-8.696	-8.696	0	%100
4	M4	Z	5.021	5.021	0	%100
5	M10	X	-2.453	-2.453	0	%100
6	M10	Z	1.416	1.416	0	%100
7	MP1A	X	-7.746	-7.746	0	%100
8	MP1A	Z	4.472	4.472	0	%100
9	M43	X	-2.453	-2.453	0	%100
10	M43	Z	1.416	1.416	0	%100
11	M46	X	-4.892	-4.892	0	%100
12	M46	Z	2.825	2.825	0	%100
13	M51B	X	-10.871	-10.871	0	%100
14	M51B	Z	6.276	6.276	0	%100
15	M52B	X	-2.811	-2.811	0	%100
16	M52B	Z	1.623	1.623	0	%100
17	M76	X	-14.677	-14.677	0	%100
18	M76	Z	8.474	8.474	0	%100
19	M77	X	-19.932	-19.932	0	%100
20	M77	Z	11.508	11.508	0	%100
21	M80	X	-20.994	-20.994	0	%100
22	M80	Z	12.121	12.121	0	%100
23	M84	X	-14.677	-14.677	0	%100
24	M84	Z	8.474	8.474	0	%100
25	M85	X	-4.983	-4.983	0	%100
26	M85	Z	2.877	2.877	0	%100
27	M91	X	-5.249	-5.249	0	%100
28	M91	Z	3.03	3.03	0	%100
29	M28	X	-17.445	-17.445	0	%100
30	M28	Z	10.072	10.072	0	%100
31	M29	X	-2.344	-2.344	0	%100
32	M29	Z	1.353	1.353	0	%100
33	M33	X	-11.416	-11.416	0	%100
34	M33	Z	6.591	6.591	0	%100
35	M34	X	0	0	0	%100
36	M34	Z	0	0	0	%100
37	M35	X	-9.811	-9.811	0	%100
38	M35	Z	5.665	5.665	0	%100
39	M38	X	-9.811	-9.811	0	%100
40	M38	Z	5.665	5.665	0	%100
41	M39	X	-19.57	-19.57	0	%100
42	M39	Z	11.299	11.299	0	%100
43	M42	X	-2.626	-2.626	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[in,...	End Location[in,%]
44	M42	Z	1.516	1.516	0	%100
45	M43A	X	-2.626	-2.626	0	%100
46	M43A	Z	1.516	1.516	0	%100
47	M47	X	0	0	0	%100
48	M47	Z	0	0	0	%100
49	M48	X	-4.983	-4.983	0	%100
50	M48	Z	2.877	2.877	0	%100
51	M50A	X	-5.249	-5.249	0	%100
52	M50A	Z	3.03	3.03	0	%100
53	M52A	X	0	0	0	%100
54	M52A	Z	0	0	0	%100
55	M53	X	-4.983	-4.983	0	%100
56	M53	Z	2.877	2.877	0	%100
57	M55	X	-5.249	-5.249	0	%100
58	M55	Z	3.03	3.03	0	%100
59	M60	X	-4.705	-4.705	0	%100
60	M60	Z	2.717	2.717	0	%100
61	M61	X	-9.377	-9.377	0	%100
62	M61	Z	5.414	5.414	0	%100
63	M65	X	-2.854	-2.854	0	%100
64	M65	Z	1.648	1.648	0	%100
65	M66	X	-8.696	-8.696	0	%100
66	M66	Z	5.021	5.021	0	%100
67	M67	X	-2.453	-2.453	0	%100
68	M67	Z	1.416	1.416	0	%100
69	M70	X	-2.453	-2.453	0	%100
70	M70	Z	1.416	1.416	0	%100
71	M71	X	-4.892	-4.892	0	%100
72	M71	Z	2.825	2.825	0	%100
73	M74	X	-2.811	-2.811	0	%100
74	M74	Z	1.623	1.623	0	%100
75	M75	X	-10.871	-10.871	0	%100
76	M75	Z	6.276	6.276	0	%100
77	M79A	X	-14.677	-14.677	0	%100
78	M79A	Z	8.474	8.474	0	%100
79	M80A	X	-4.983	-4.983	0	%100
80	M80A	Z	2.877	2.877	0	%100
81	M82	X	-5.249	-5.249	0	%100
82	M82	Z	3.03	3.03	0	%100
83	M84A	X	-14.677	-14.677	0	%100
84	M84A	Z	8.474	8.474	0	%100
85	M85A	X	-19.932	-19.932	0	%100
86	M85A	Z	11.508	11.508	0	%100
87	M87	X	-20.994	-20.994	0	%100
88	M87	Z	12.121	12.121	0	%100
89	M92A	X	-17.445	-17.445	0	%100
90	M92A	Z	10.072	10.072	0	%100
91	M93	X	-2.344	-2.344	0	%100
92	M93	Z	1.353	1.353	0	%100
93	M91B	X	-9.227	-9.227	0	%100
94	M91B	Z	5.327	5.327	0	%100
95	M92B	X	-2.307	-2.307	0	%100
96	M92B	Z	1.332	1.332	0	%100
97	M93A	X	-2.307	-2.307	0	%100
98	M93A	Z	1.332	1.332	0	%100
99	MP2A	X	-7.746	-7.746	0	%100
100	MP2A	Z	4.472	4.472	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[in,...	End Location[in,%]
101	MP3A	X	-7.746	-7.746	0	%100
102	MP3A	Z	4.472	4.472	0	%100
103	MP4A	X	-7.746	-7.746	0	%100
104	MP4A	Z	4.472	4.472	0	%100
105	MP5A	X	-7.746	-7.746	0	%100
106	MP5A	Z	4.472	4.472	0	%100
107	MP1C	X	-7.746	-7.746	0	%100
108	MP1C	Z	4.472	4.472	0	%100
109	MP2C	X	-7.746	-7.746	0	%100
110	MP2C	Z	4.472	4.472	0	%100
111	MP3C	X	-7.746	-7.746	0	%100
112	MP3C	Z	4.472	4.472	0	%100
113	MP4C	X	-7.746	-7.746	0	%100
114	MP4C	Z	4.472	4.472	0	%100
115	MP5C	X	-7.746	-7.746	0	%100
116	MP5C	Z	4.472	4.472	0	%100
117	MP1B	X	-7.746	-7.746	0	%100
118	MP1B	Z	4.472	4.472	0	%100
119	MP2B	X	-7.746	-7.746	0	%100
120	MP2B	Z	4.472	4.472	0	%100
121	MP3B	X	-7.746	-7.746	0	%100
122	MP3B	Z	4.472	4.472	0	%100
123	MP4B	X	-7.746	-7.746	0	%100
124	MP4B	Z	4.472	4.472	0	%100
125	MP5B	X	-7.746	-7.746	0	%100
126	MP5B	Z	4.472	4.472	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[in,...	End Location[in,%]
1	FACE	X	0	0	0	%100
2	FACE	Z	0	0	0	%100
3	M4	X	-13.389	-13.389	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	MP1A	X	-8.945	-8.945	0	%100
8	MP1A	Z	0	0	0	%100
9	M43	X	0	0	0	%100
10	M43	Z	0	0	0	%100
11	M46	X	0	0	0	%100
12	M46	Z	0	0	0	%100
13	M51B	X	-9.522	-9.522	0	%100
14	M51B	Z	0	0	0	%100
15	M52B	X	-9.522	-9.522	0	%100
16	M52B	Z	0	0	0	%100
17	M76	X	-22.597	-22.597	0	%100
18	M76	Z	0	0	0	%100
19	M77	X	-17.262	-17.262	0	%100
20	M77	Z	0	0	0	%100
21	M80	X	-18.181	-18.181	0	%100
22	M80	Z	0	0	0	%100
23	M84	X	-22.597	-22.597	0	%100
24	M84	Z	0	0	0	%100
25	M85	X	-17.262	-17.262	0	%100
26	M85	Z	0	0	0	%100
27	M91	X	-18.181	-18.181	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[in,...	End Location[in,%]
28	M91	Z	0	0	0	%100
29	M28	X	-25.047	-25.047	0	%100
30	M28	Z	0	0	0	%100
31	M29	X	0	0	0	%100
32	M29	Z	0	0	0	%100
33	M33	X	-9.886	-9.886	0	%100
34	M33	Z	0	0	0	%100
35	M34	X	-3.347	-3.347	0	%100
36	M34	Z	0	0	0	%100
37	M35	X	-8.497	-8.497	0	%100
38	M35	Z	0	0	0	%100
39	M38	X	-8.497	-8.497	0	%100
40	M38	Z	0	0	0	%100
41	M39	X	-16.948	-16.948	0	%100
42	M39	Z	0	0	0	%100
43	M42	X	-9.308	-9.308	0	%100
44	M42	Z	0	0	0	%100
45	M43A	X	-.001	-.001	0	%100
46	M43A	Z	0	0	0	%100
47	M47	X	-5.649	-5.649	0	%100
48	M47	Z	0	0	0	%100
49	M48	X	-17.262	-17.262	0	%100
50	M48	Z	0	0	0	%100
51	M50A	X	-18.181	-18.181	0	%100
52	M50A	Z	0	0	0	%100
53	M52A	X	-5.649	-5.649	0	%100
54	M52A	Z	0	0	0	%100
55	M53	X	0	0	0	%100
56	M53	Z	0	0	0	%100
57	M55	X	0	0	0	%100
58	M55	Z	0	0	0	%100
59	M60	X	-10.337	-10.337	0	%100
60	M60	Z	0	0	0	%100
61	M61	X	-8.121	-8.121	0	%100
62	M61	Z	0	0	0	%100
63	M65	X	-9.886	-9.886	0	%100
64	M65	Z	0	0	0	%100
65	M66	X	-3.347	-3.347	0	%100
66	M66	Z	0	0	0	%100
67	M67	X	-8.497	-8.497	0	%100
68	M67	Z	0	0	0	%100
69	M70	X	-8.497	-8.497	0	%100
70	M70	Z	0	0	0	%100
71	M71	X	-16.948	-16.948	0	%100
72	M71	Z	0	0	0	%100
73	M74	X	-.001	-.001	0	%100
74	M74	Z	0	0	0	%100
75	M75	X	-9.308	-9.308	0	%100
76	M75	Z	0	0	0	%100
77	M79A	X	-5.649	-5.649	0	%100
78	M79A	Z	0	0	0	%100
79	M80A	X	0	0	0	%100
80	M80A	Z	0	0	0	%100
81	M82	X	0	0	0	%100
82	M82	Z	0	0	0	%100
83	M84A	X	-5.649	-5.649	0	%100
84	M84A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[in,...	End Location[in,%]
85	M85A	X	-17.262	-17.262	0	%100
86	M85A	Z	0	0	0	%100
87	M87	X	-18.181	-18.181	0	%100
88	M87	Z	0	0	0	%100
89	M92A	X	-10.337	-10.337	0	%100
90	M92A	Z	0	0	0	%100
91	M93	X	-8.121	-8.121	0	%100
92	M93	Z	0	0	0	%100
93	M91B	X	-7.99	-7.99	0	%100
94	M91B	Z	0	0	0	%100
95	M92B	X	-7.99	-7.99	0	%100
96	M92B	Z	0	0	0	%100
97	M93A	X	0	0	0	%100
98	M93A	Z	0	0	0	%100
99	MP2A	X	-8.945	-8.945	0	%100
100	MP2A	Z	0	0	0	%100
101	MP3A	X	-8.945	-8.945	0	%100
102	MP3A	Z	0	0	0	%100
103	MP4A	X	-8.945	-8.945	0	%100
104	MP4A	Z	0	0	0	%100
105	MP5A	X	-8.945	-8.945	0	%100
106	MP5A	Z	0	0	0	%100
107	MP1C	X	-8.945	-8.945	0	%100
108	MP1C	Z	0	0	0	%100
109	MP2C	X	-8.945	-8.945	0	%100
110	MP2C	Z	0	0	0	%100
111	MP3C	X	-8.945	-8.945	0	%100
112	MP3C	Z	0	0	0	%100
113	MP4C	X	-8.945	-8.945	0	%100
114	MP4C	Z	0	0	0	%100
115	MP5C	X	-8.945	-8.945	0	%100
116	MP5C	Z	0	0	0	%100
117	MP1B	X	-8.945	-8.945	0	%100
118	MP1B	Z	0	0	0	%100
119	MP2B	X	-8.945	-8.945	0	%100
120	MP2B	Z	0	0	0	%100
121	MP3B	X	-8.945	-8.945	0	%100
122	MP3B	Z	0	0	0	%100
123	MP4B	X	-8.945	-8.945	0	%100
124	MP4B	Z	0	0	0	%100
125	MP5B	X	-8.945	-8.945	0	%100
126	MP5B	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[in,...	End Location[in,%]
1	FACE	X	-2.854	-2.854	0	%100
2	FACE	Z	-1.648	-1.648	0	%100
3	M4	X	-8.696	-8.696	0	%100
4	M4	Z	-5.021	-5.021	0	%100
5	M10	X	-2.453	-2.453	0	%100
6	M10	Z	-1.416	-1.416	0	%100
7	MP1A	X	-7.746	-7.746	0	%100
8	MP1A	Z	-4.472	-4.472	0	%100
9	M43	X	-2.453	-2.453	0	%100
10	M43	Z	-1.416	-1.416	0	%100
11	M46	X	-4.892	-4.892	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[in,...	End Location[in,%]
12	M46	Z	-2.825	-2.825	0	%100
13	M51B	X	-2.811	-2.811	0	%100
14	M51B	Z	-1.623	-1.623	0	%100
15	M52B	X	-10.871	-10.871	0	%100
16	M52B	Z	-6.276	-6.276	0	%100
17	M76	X	-14.677	-14.677	0	%100
18	M76	Z	-8.474	-8.474	0	%100
19	M77	X	-4.983	-4.983	0	%100
20	M77	Z	-2.877	-2.877	0	%100
21	M80	X	-5.249	-5.249	0	%100
22	M80	Z	-3.03	-3.03	0	%100
23	M84	X	-14.677	-14.677	0	%100
24	M84	Z	-8.474	-8.474	0	%100
25	M85	X	-19.932	-19.932	0	%100
26	M85	Z	-11.508	-11.508	0	%100
27	M91	X	-20.994	-20.994	0	%100
28	M91	Z	-12.121	-12.121	0	%100
29	M28	X	-17.445	-17.445	0	%100
30	M28	Z	-10.072	-10.072	0	%100
31	M29	X	-2.344	-2.344	0	%100
32	M29	Z	-1.353	-1.353	0	%100
33	M33	X	-2.854	-2.854	0	%100
34	M33	Z	-1.648	-1.648	0	%100
35	M34	X	-8.696	-8.696	0	%100
36	M34	Z	-5.021	-5.021	0	%100
37	M35	X	-2.453	-2.453	0	%100
38	M35	Z	-1.416	-1.416	0	%100
39	M38	X	-2.453	-2.453	0	%100
40	M38	Z	-1.416	-1.416	0	%100
41	M39	X	-4.892	-4.892	0	%100
42	M39	Z	-2.825	-2.825	0	%100
43	M42	X	-10.871	-10.871	0	%100
44	M42	Z	-6.276	-6.276	0	%100
45	M43A	X	-2.811	-2.811	0	%100
46	M43A	Z	-1.623	-1.623	0	%100
47	M47	X	-14.677	-14.677	0	%100
48	M47	Z	-8.474	-8.474	0	%100
49	M48	X	-19.932	-19.932	0	%100
50	M48	Z	-11.508	-11.508	0	%100
51	M50A	X	-20.994	-20.994	0	%100
52	M50A	Z	-12.121	-12.121	0	%100
53	M52A	X	-14.677	-14.677	0	%100
54	M52A	Z	-8.474	-8.474	0	%100
55	M53	X	-4.983	-4.983	0	%100
56	M53	Z	-2.877	-2.877	0	%100
57	M55	X	-5.249	-5.249	0	%100
58	M55	Z	-3.03	-3.03	0	%100
59	M60	X	-17.445	-17.445	0	%100
60	M60	Z	-10.072	-10.072	0	%100
61	M61	X	-2.344	-2.344	0	%100
62	M61	Z	-1.353	-1.353	0	%100
63	M65	X	-11.416	-11.416	0	%100
64	M65	Z	-6.591	-6.591	0	%100
65	M66	X	0	0	0	%100
66	M66	Z	0	0	0	%100
67	M67	X	-9.811	-9.811	0	%100
68	M67	Z	-5.665	-5.665	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[in,...	End Location[in,%]
69	M70	X	-9.811	-9.811	0	%100
70	M70	Z	-5.665	-5.665	0	%100
71	M71	X	-19.57	-19.57	0	%100
72	M71	Z	-11.299	-11.299	0	%100
73	M74	X	-2.626	-2.626	0	%100
74	M74	Z	-1.516	-1.516	0	%100
75	M75	X	-2.626	-2.626	0	%100
76	M75	Z	-1.516	-1.516	0	%100
77	M79A	X	0	0	0	%100
78	M79A	Z	0	0	0	%100
79	M80A	X	-4.983	-4.983	0	%100
80	M80A	Z	-2.877	-2.877	0	%100
81	M82	X	-5.249	-5.249	0	%100
82	M82	Z	-3.03	-3.03	0	%100
83	M84A	X	0	0	0	%100
84	M84A	Z	0	0	0	%100
85	M85A	X	-4.983	-4.983	0	%100
86	M85A	Z	-2.877	-2.877	0	%100
87	M87	X	-5.249	-5.249	0	%100
88	M87	Z	-3.03	-3.03	0	%100
89	M92A	X	-4.705	-4.705	0	%100
90	M92A	Z	-2.717	-2.717	0	%100
91	M93	X	-9.377	-9.377	0	%100
92	M93	Z	-5.414	-5.414	0	%100
93	M91B	X	-2.307	-2.307	0	%100
94	M91B	Z	-1.332	-1.332	0	%100
95	M92B	X	-9.227	-9.227	0	%100
96	M92B	Z	-5.327	-5.327	0	%100
97	M93A	X	-2.307	-2.307	0	%100
98	M93A	Z	-1.332	-1.332	0	%100
99	MP2A	X	-7.746	-7.746	0	%100
100	MP2A	Z	-4.472	-4.472	0	%100
101	MP3A	X	-7.746	-7.746	0	%100
102	MP3A	Z	-4.472	-4.472	0	%100
103	MP4A	X	-7.746	-7.746	0	%100
104	MP4A	Z	-4.472	-4.472	0	%100
105	MP5A	X	-7.746	-7.746	0	%100
106	MP5A	Z	-4.472	-4.472	0	%100
107	MP1C	X	-7.746	-7.746	0	%100
108	MP1C	Z	-4.472	-4.472	0	%100
109	MP2C	X	-7.746	-7.746	0	%100
110	MP2C	Z	-4.472	-4.472	0	%100
111	MP3C	X	-7.746	-7.746	0	%100
112	MP3C	Z	-4.472	-4.472	0	%100
113	MP4C	X	-7.746	-7.746	0	%100
114	MP4C	Z	-4.472	-4.472	0	%100
115	MP5C	X	-7.746	-7.746	0	%100
116	MP5C	Z	-4.472	-4.472	0	%100
117	MP1B	X	-7.746	-7.746	0	%100
118	MP1B	Z	-4.472	-4.472	0	%100
119	MP2B	X	-7.746	-7.746	0	%100
120	MP2B	Z	-4.472	-4.472	0	%100
121	MP3B	X	-7.746	-7.746	0	%100
122	MP3B	Z	-4.472	-4.472	0	%100
123	MP4B	X	-7.746	-7.746	0	%100
124	MP4B	Z	-4.472	-4.472	0	%100
125	MP5B	X	-7.746	-7.746	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[in,...	End Location[in,%]
126	MP5B	Z	-4.472	-4.472	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[in,...	End Location[in,%]
1	FACE	X	-4.943	-4.943	0	%100
2	FACE	Z	-8.562	-8.562	0	%100
3	M4	X	-1.674	-1.674	0	%100
4	M4	Z	-2.899	-2.899	0	%100
5	M10	X	-4.248	-4.248	0	%100
6	M10	Z	-7.359	-7.359	0	%100
7	MP1A	X	-4.472	-4.472	0	%100
8	MP1A	Z	-7.746	-7.746	0	%100
9	M43	X	-4.248	-4.248	0	%100
10	M43	Z	-7.359	-7.359	0	%100
11	M46	X	-8.474	-8.474	0	%100
12	M46	Z	-14.677	-14.677	0	%100
13	M51B	X	-.000608	-.000608	0	%100
14	M51B	Z	-.001	-.001	0	%100
15	M52B	X	-4.654	-4.654	0	%100
16	M52B	Z	-8.061	-8.061	0	%100
17	M76	X	-2.825	-2.825	0	%100
18	M76	Z	-4.892	-4.892	0	%100
19	M77	X	0	0	0	%100
20	M77	Z	0	0	0	%100
21	M80	X	0	0	0	%100
22	M80	Z	0	0	0	%100
23	M84	X	-2.825	-2.825	0	%100
24	M84	Z	-4.892	-4.892	0	%100
25	M85	X	-8.631	-8.631	0	%100
26	M85	Z	-14.949	-14.949	0	%100
27	M91	X	-9.091	-9.091	0	%100
28	M91	Z	-15.746	-15.746	0	%100
29	M28	X	-5.168	-5.168	0	%100
30	M28	Z	-8.952	-8.952	0	%100
31	M29	X	-4.06	-4.06	0	%100
32	M29	Z	-7.033	-7.033	0	%100
33	M33	X	0	0	0	%100
34	M33	Z	0	0	0	%100
35	M34	X	-6.694	-6.694	0	%100
36	M34	Z	-11.595	-11.595	0	%100
37	M35	X	0	0	0	%100
38	M35	Z	0	0	0	%100
39	M38	X	0	0	0	%100
40	M38	Z	0	0	0	%100
41	M39	X	0	0	0	%100
42	M39	Z	0	0	0	%100
43	M42	X	-4.761	-4.761	0	%100
44	M42	Z	-8.246	-8.246	0	%100
45	M43A	X	-4.761	-4.761	0	%100
46	M43A	Z	-8.246	-8.246	0	%100
47	M47	X	-11.299	-11.299	0	%100
48	M47	Z	-19.57	-19.57	0	%100
49	M48	X	-8.631	-8.631	0	%100
50	M48	Z	-14.949	-14.949	0	%100
51	M50A	X	-9.091	-9.091	0	%100
52	M50A	Z	-15.746	-15.746	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[in,...	End Location[in,%]
53	M52A	X	-11.299	-11.299	0	%100
54	M52A	Z	-19.57	-19.57	0	%100
55	M53	X	-8.631	-8.631	0	%100
56	M53	Z	-14.949	-14.949	0	%100
57	M55	X	-9.091	-9.091	0	%100
58	M55	Z	-15.746	-15.746	0	%100
59	M60	X	-12.523	-12.523	0	%100
60	M60	Z	-21.691	-21.691	0	%100
61	M61	X	0	0	0	%100
62	M61	Z	0	0	0	%100
63	M65	X	-4.943	-4.943	0	%100
64	M65	Z	-8.562	-8.562	0	%100
65	M66	X	-1.674	-1.674	0	%100
66	M66	Z	-2.899	-2.899	0	%100
67	M67	X	-4.248	-4.248	0	%100
68	M67	Z	-7.359	-7.359	0	%100
69	M70	X	-4.248	-4.248	0	%100
70	M70	Z	-7.359	-7.359	0	%100
71	M71	X	-8.474	-8.474	0	%100
72	M71	Z	-14.677	-14.677	0	%100
73	M74	X	-4.654	-4.654	0	%100
74	M74	Z	-8.061	-8.061	0	%100
75	M75	X	-.000608	-.000608	0	%100
76	M75	Z	-.001	-.001	0	%100
77	M79A	X	-2.825	-2.825	0	%100
78	M79A	Z	-4.892	-4.892	0	%100
79	M80A	X	-8.631	-8.631	0	%100
80	M80A	Z	-14.949	-14.949	0	%100
81	M82	X	-9.091	-9.091	0	%100
82	M82	Z	-15.746	-15.746	0	%100
83	M84A	X	-2.825	-2.825	0	%100
84	M84A	Z	-4.892	-4.892	0	%100
85	M85A	X	0	0	0	%100
86	M85A	Z	0	0	0	%100
87	M87	X	0	0	0	%100
88	M87	Z	0	0	0	%100
89	M92A	X	-5.168	-5.168	0	%100
90	M92A	Z	-8.952	-8.952	0	%100
91	M93	X	-4.06	-4.06	0	%100
92	M93	Z	-7.033	-7.033	0	%100
93	M91B	X	0	0	0	%100
94	M91B	Z	0	0	0	%100
95	M92B	X	-3.995	-3.995	0	%100
96	M92B	Z	-6.92	-6.92	0	%100
97	M93A	X	-3.995	-3.995	0	%100
98	M93A	Z	-6.92	-6.92	0	%100
99	MP2A	X	-4.472	-4.472	0	%100
100	MP2A	Z	-7.746	-7.746	0	%100
101	MP3A	X	-4.472	-4.472	0	%100
102	MP3A	Z	-7.746	-7.746	0	%100
103	MP4A	X	-4.472	-4.472	0	%100
104	MP4A	Z	-7.746	-7.746	0	%100
105	MP5A	X	-4.472	-4.472	0	%100
106	MP5A	Z	-7.746	-7.746	0	%100
107	MP1C	X	-4.472	-4.472	0	%100
108	MP1C	Z	-7.746	-7.746	0	%100
109	MP2C	X	-4.472	-4.472	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[in,...	End Location[in,%]
110	MP2C	Z	-7.746	-7.746	0	%100
111	MP3C	X	-4.472	-4.472	0	%100
112	MP3C	Z	-7.746	-7.746	0	%100
113	MP4C	X	-4.472	-4.472	0	%100
114	MP4C	Z	-7.746	-7.746	0	%100
115	MP5C	X	-4.472	-4.472	0	%100
116	MP5C	Z	-7.746	-7.746	0	%100
117	MP1B	X	-4.472	-4.472	0	%100
118	MP1B	Z	-7.746	-7.746	0	%100
119	MP2B	X	-4.472	-4.472	0	%100
120	MP2B	Z	-7.746	-7.746	0	%100
121	MP3B	X	-4.472	-4.472	0	%100
122	MP3B	Z	-7.746	-7.746	0	%100
123	MP4B	X	-4.472	-4.472	0	%100
124	MP4B	Z	-7.746	-7.746	0	%100
125	MP5B	X	-4.472	-4.472	0	%100
126	MP5B	Z	-7.746	-7.746	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[in,...	End Location[in,%]
1	FACE	X	0	0	0	%100
2	FACE	Z	-4.713	-4.713	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	-3.67	-3.67	0	%100
7	MP1A	X	0	0	0	%100
8	MP1A	Z	-3.939	-3.939	0	%100
9	M43	X	0	0	0	%100
10	M43	Z	-3.67	-3.67	0	%100
11	M46	X	0	0	0	%100
12	M46	Z	-5.523	-5.523	0	%100
13	M51B	X	0	0	0	%100
14	M51B	Z	-1.009	-1.009	0	%100
15	M52B	X	0	0	0	%100
16	M52B	Z	-1.009	-1.009	0	%100
17	M76	X	0	0	0	%100
18	M76	Z	0	0	0	%100
19	M77	X	0	0	0	%100
20	M77	Z	-1.387	-1.387	0	%100
21	M80	X	0	0	0	%100
22	M80	Z	-1.443	-1.443	0	%100
23	M84	X	0	0	0	%100
24	M84	Z	0	0	0	%100
25	M85	X	0	0	0	%100
26	M85	Z	-1.387	-1.387	0	%100
27	M91	X	0	0	0	%100
28	M91	Z	-1.443	-1.443	0	%100
29	M28	X	0	0	0	%100
30	M28	Z	-1.439	-1.439	0	%100
31	M29	X	0	0	0	%100
32	M29	Z	-4.283	-4.283	0	%100
33	M33	X	0	0	0	%100
34	M33	Z	-1.178	-1.178	0	%100
35	M34	X	0	0	0	%100
36	M34	Z	-3.357	-3.357	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[in,...	End Location[in,%]
37	M35	X	0	0	0	%100
38	M35	Z	-.918	-.918	0	%100
39	M38	X	0	0	0	%100
40	M38	Z	-.918	-.918	0	%100
41	M39	X	0	0	0	%100
42	M39	Z	-1.381	-1.381	0	%100
43	M42	X	0	0	0	%100
44	M42	Z	-1.08	-1.08	0	%100
45	M43A	X	0	0	0	%100
46	M43A	Z	-4.178	-4.178	0	%100
47	M47	X	0	0	0	%100
48	M47	Z	-4.104	-4.104	0	%100
49	M48	X	0	0	0	%100
50	M48	Z	-1.387	-1.387	0	%100
51	M50A	X	0	0	0	%100
52	M50A	Z	-1.443	-1.443	0	%100
53	M52A	X	0	0	0	%100
54	M52A	Z	-4.104	-4.104	0	%100
55	M53	X	0	0	0	%100
56	M53	Z	-5.548	-5.548	0	%100
57	M55	X	0	0	0	%100
58	M55	Z	-5.772	-5.772	0	%100
59	M60	X	0	0	0	%100
60	M60	Z	-5.334	-5.334	0	%100
61	M61	X	0	0	0	%100
62	M61	Z	-1.071	-1.071	0	%100
63	M65	X	0	0	0	%100
64	M65	Z	-1.178	-1.178	0	%100
65	M66	X	0	0	0	%100
66	M66	Z	-3.357	-3.357	0	%100
67	M67	X	0	0	0	%100
68	M67	Z	-.918	-.918	0	%100
69	M70	X	0	0	0	%100
70	M70	Z	-.918	-.918	0	%100
71	M71	X	0	0	0	%100
72	M71	Z	-1.381	-1.381	0	%100
73	M74	X	0	0	0	%100
74	M74	Z	-4.178	-4.178	0	%100
75	M75	X	0	0	0	%100
76	M75	Z	-1.08	-1.08	0	%100
77	M79A	X	0	0	0	%100
78	M79A	Z	-4.104	-4.104	0	%100
79	M80A	X	0	0	0	%100
80	M80A	Z	-5.548	-5.548	0	%100
81	M82	X	0	0	0	%100
82	M82	Z	-5.772	-5.772	0	%100
83	M84A	X	0	0	0	%100
84	M84A	Z	-4.104	-4.104	0	%100
85	M85A	X	0	0	0	%100
86	M85A	Z	-1.387	-1.387	0	%100
87	M87	X	0	0	0	%100
88	M87	Z	-1.443	-1.443	0	%100
89	M92A	X	0	0	0	%100
90	M92A	Z	-5.334	-5.334	0	%100
91	M93	X	0	0	0	%100
92	M93	Z	-1.071	-1.071	0	%100
93	M91B	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[in,...	End Location[in,%]
94	M91B	Z	-.844	-.844	0	%100
95	M92B	X	0	0	0	%100
96	M92B	Z	-.844	-.844	0	%100
97	M93A	X	0	0	0	%100
98	M93A	Z	-3.376	-3.376	0	%100
99	MP2A	X	0	0	0	%100
100	MP2A	Z	-3.789	-3.789	0	%100
101	MP3A	X	0	0	0	%100
102	MP3A	Z	-3.939	-3.939	0	%100
103	MP4A	X	0	0	0	%100
104	MP4A	Z	-3.939	-3.939	0	%100
105	MP5A	X	0	0	0	%100
106	MP5A	Z	-3.939	-3.939	0	%100
107	MP1C	X	0	0	0	%100
108	MP1C	Z	-3.939	-3.939	0	%100
109	MP2C	X	0	0	0	%100
110	MP2C	Z	-3.789	-3.789	0	%100
111	MP3C	X	0	0	0	%100
112	MP3C	Z	-3.939	-3.939	0	%100
113	MP4C	X	0	0	0	%100
114	MP4C	Z	-3.939	-3.939	0	%100
115	MP5C	X	0	0	0	%100
116	MP5C	Z	-3.939	-3.939	0	%100
117	MP1B	X	0	0	0	%100
118	MP1B	Z	-3.939	-3.939	0	%100
119	MP2B	X	0	0	0	%100
120	MP2B	Z	-3.789	-3.789	0	%100
121	MP3B	X	0	0	0	%100
122	MP3B	Z	-3.939	-3.939	0	%100
123	MP4B	X	0	0	0	%100
124	MP4B	Z	-3.939	-3.939	0	%100
125	MP5B	X	0	0	0	%100
126	MP5B	Z	-3.939	-3.939	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[in,...	End Location[in,%]
1	FACE	X	1.767	1.767	0	%100
2	FACE	Z	-3.061	-3.061	0	%100
3	M4	X	.56	.56	0	%100
4	M4	Z	-.969	-.969	0	%100
5	M10	X	1.376	1.376	0	%100
6	M10	Z	-2.384	-2.384	0	%100
7	MP1A	X	1.969	1.969	0	%100
8	MP1A	Z	-3.411	-3.411	0	%100
9	M43	X	1.376	1.376	0	%100
10	M43	Z	-2.384	-2.384	0	%100
11	M46	X	2.071	2.071	0	%100
12	M46	Z	-3.587	-3.587	0	%100
13	M51B	X	1.549	1.549	0	%100
14	M51B	Z	-2.683	-2.683	0	%100
15	M52B	X	.000202	.000202	0	%100
16	M52B	Z	-.00035	-.00035	0	%100
17	M76	X	.684	.684	0	%100
18	M76	Z	-1.185	-1.185	0	%100
19	M77	X	2.081	2.081	0	%100
20	M77	Z	-3.604	-3.604	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[in,...	End Location[in,%]
21	M80	X	2.165	2.165	0	%100
22	M80	Z	-3.749	-3.749	0	%100
23	M84	X	.684	.684	0	%100
24	M84	Z	-1.185	-1.185	0	%100
25	M85	X	0	0	0	%100
26	M85	Z	0	0	0	%100
27	M91	X	0	0	0	%100
28	M91	Z	0	0	0	%100
29	M28	X	1.369	1.369	0	%100
30	M28	Z	-2.371	-2.371	0	%100
31	M29	X	1.606	1.606	0	%100
32	M29	Z	-2.782	-2.782	0	%100
33	M33	X	1.767	1.767	0	%100
34	M33	Z	-3.061	-3.061	0	%100
35	M34	X	.56	.56	0	%100
36	M34	Z	-.969	-.969	0	%100
37	M35	X	1.376	1.376	0	%100
38	M35	Z	-2.384	-2.384	0	%100
39	M38	X	1.376	1.376	0	%100
40	M38	Z	-2.384	-2.384	0	%100
41	M39	X	2.071	2.071	0	%100
42	M39	Z	-3.587	-3.587	0	%100
43	M42	X	.000202	.000202	0	%100
44	M42	Z	-.00035	-.00035	0	%100
45	M43A	X	1.549	1.549	0	%100
46	M43A	Z	-2.683	-2.683	0	%100
47	M47	X	.684	.684	0	%100
48	M47	Z	-1.185	-1.185	0	%100
49	M48	X	0	0	0	%100
50	M48	Z	0	0	0	%100
51	M50A	X	0	0	0	%100
52	M50A	Z	0	0	0	%100
53	M52A	X	.684	.684	0	%100
54	M52A	Z	-1.185	-1.185	0	%100
55	M53	X	2.081	2.081	0	%100
56	M53	Z	-3.604	-3.604	0	%100
57	M55	X	2.165	2.165	0	%100
58	M55	Z	-3.749	-3.749	0	%100
59	M60	X	1.369	1.369	0	%100
60	M60	Z	-2.371	-2.371	0	%100
61	M61	X	1.606	1.606	0	%100
62	M61	Z	-2.782	-2.782	0	%100
63	M65	X	0	0	0	%100
64	M65	Z	0	0	0	%100
65	M66	X	2.238	2.238	0	%100
66	M66	Z	-3.876	-3.876	0	%100
67	M67	X	0	0	0	%100
68	M67	Z	0	0	0	%100
69	M70	X	0	0	0	%100
70	M70	Z	0	0	0	%100
71	M71	X	0	0	0	%100
72	M71	Z	0	0	0	%100
73	M74	X	1.584	1.584	0	%100
74	M74	Z	-2.744	-2.744	0	%100
75	M75	X	1.584	1.584	0	%100
76	M75	Z	-2.744	-2.744	0	%100
77	M79A	X	2.736	2.736	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[in,...	End Location[in,%]
78	M79A	Z	-4.739	-4.739	0	%100
79	M80A	X	2.081	2.081	0	%100
80	M80A	Z	-3.604	-3.604	0	%100
81	M82	X	2.165	2.165	0	%100
82	M82	Z	-3.749	-3.749	0	%100
83	M84A	X	2.736	2.736	0	%100
84	M84A	Z	-4.739	-4.739	0	%100
85	M85A	X	2.081	2.081	0	%100
86	M85A	Z	-3.604	-3.604	0	%100
87	M87	X	2.165	2.165	0	%100
88	M87	Z	-3.749	-3.749	0	%100
89	M92A	X	3.316	3.316	0	%100
90	M92A	Z	-5.744	-5.744	0	%100
91	M93	X	0	0	0	%100
92	M93	Z	0	0	0	%100
93	M91B	X	1.266	1.266	0	%100
94	M91B	Z	-2.193	-2.193	0	%100
95	M92B	X	0	0	0	%100
96	M92B	Z	0	0	0	%100
97	M93A	X	1.266	1.266	0	%100
98	M93A	Z	-2.193	-2.193	0	%100
99	MP2A	X	1.894	1.894	0	%100
100	MP2A	Z	-3.281	-3.281	0	%100
101	MP3A	X	1.969	1.969	0	%100
102	MP3A	Z	-3.411	-3.411	0	%100
103	MP4A	X	1.969	1.969	0	%100
104	MP4A	Z	-3.411	-3.411	0	%100
105	MP5A	X	1.969	1.969	0	%100
106	MP5A	Z	-3.411	-3.411	0	%100
107	MP1C	X	1.969	1.969	0	%100
108	MP1C	Z	-3.411	-3.411	0	%100
109	MP2C	X	1.894	1.894	0	%100
110	MP2C	Z	-3.281	-3.281	0	%100
111	MP3C	X	1.969	1.969	0	%100
112	MP3C	Z	-3.411	-3.411	0	%100
113	MP4C	X	1.969	1.969	0	%100
114	MP4C	Z	-3.411	-3.411	0	%100
115	MP5C	X	1.969	1.969	0	%100
116	MP5C	Z	-3.411	-3.411	0	%100
117	MP1B	X	1.969	1.969	0	%100
118	MP1B	Z	-3.411	-3.411	0	%100
119	MP2B	X	1.894	1.894	0	%100
120	MP2B	Z	-3.281	-3.281	0	%100
121	MP3B	X	1.969	1.969	0	%100
122	MP3B	Z	-3.411	-3.411	0	%100
123	MP4B	X	1.969	1.969	0	%100
124	MP4B	Z	-3.411	-3.411	0	%100
125	MP5B	X	1.969	1.969	0	%100
126	MP5B	Z	-3.411	-3.411	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[in,...	End Location[in,%]
1	FACE	X	1.02	1.02	0	%100
2	FACE	Z	-.589	-.589	0	%100
3	M4	X	2.907	2.907	0	%100
4	M4	Z	-1.679	-1.679	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[in,...	End Location[in,%]
5	M10	X	.795	.795	0	%100
6	M10	Z	-.459	-.459	0	%100
7	MP1A	X	3.411	3.411	0	%100
8	MP1A	Z	-1.969	-1.969	0	%100
9	M43	X	.795	.795	0	%100
10	M43	Z	-.459	-.459	0	%100
11	M46	X	1.196	1.196	0	%100
12	M46	Z	-.69	-.69	0	%100
13	M51B	X	3.618	3.618	0	%100
14	M51B	Z	-2.089	-2.089	0	%100
15	M52B	X	.936	.936	0	%100
16	M52B	Z	-.54	-.54	0	%100
17	M76	X	3.554	3.554	0	%100
18	M76	Z	-2.052	-2.052	0	%100
19	M77	X	4.805	4.805	0	%100
20	M77	Z	-2.774	-2.774	0	%100
21	M80	X	4.999	4.999	0	%100
22	M80	Z	-2.886	-2.886	0	%100
23	M84	X	3.554	3.554	0	%100
24	M84	Z	-2.052	-2.052	0	%100
25	M85	X	1.201	1.201	0	%100
26	M85	Z	-.694	-.694	0	%100
27	M91	X	1.25	1.25	0	%100
28	M91	Z	-.722	-.722	0	%100
29	M28	X	4.62	4.62	0	%100
30	M28	Z	-2.667	-2.667	0	%100
31	M29	X	.927	.927	0	%100
32	M29	Z	-.535	-.535	0	%100
33	M33	X	4.081	4.081	0	%100
34	M33	Z	-2.356	-2.356	0	%100
35	M34	X	0	0	0	%100
36	M34	Z	0	0	0	%100
37	M35	X	3.178	3.178	0	%100
38	M35	Z	-1.835	-1.835	0	%100
39	M38	X	3.178	3.178	0	%100
40	M38	Z	-1.835	-1.835	0	%100
41	M39	X	4.783	4.783	0	%100
42	M39	Z	-2.761	-2.761	0	%100
43	M42	X	.874	.874	0	%100
44	M42	Z	-.505	-.505	0	%100
45	M43A	X	.874	.874	0	%100
46	M43A	Z	-.505	-.505	0	%100
47	M47	X	0	0	0	%100
48	M47	Z	0	0	0	%100
49	M48	X	1.201	1.201	0	%100
50	M48	Z	-.694	-.694	0	%100
51	M50A	X	1.25	1.25	0	%100
52	M50A	Z	-.722	-.722	0	%100
53	M52A	X	0	0	0	%100
54	M52A	Z	0	0	0	%100
55	M53	X	1.201	1.201	0	%100
56	M53	Z	-.694	-.694	0	%100
57	M55	X	1.25	1.25	0	%100
58	M55	Z	-.722	-.722	0	%100
59	M60	X	1.246	1.246	0	%100
60	M60	Z	-.719	-.719	0	%100
61	M61	X	3.709	3.709	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[in,...	End Location[in,%]
62	M61	Z	-2.141	-2.141	0	%100
63	M65	X	1.02	1.02	0	%100
64	M65	Z	-.589	-.589	0	%100
65	M66	X	2.907	2.907	0	%100
66	M66	Z	-1.679	-1.679	0	%100
67	M67	X	.795	.795	0	%100
68	M67	Z	-.459	-.459	0	%100
69	M70	X	.795	.795	0	%100
70	M70	Z	-.459	-.459	0	%100
71	M71	X	1.196	1.196	0	%100
72	M71	Z	-.69	-.69	0	%100
73	M74	X	.936	.936	0	%100
74	M74	Z	-.54	-.54	0	%100
75	M75	X	3.618	3.618	0	%100
76	M75	Z	-2.089	-2.089	0	%100
77	M79A	X	3.554	3.554	0	%100
78	M79A	Z	-2.052	-2.052	0	%100
79	M80A	X	1.201	1.201	0	%100
80	M80A	Z	-.694	-.694	0	%100
81	M82	X	1.25	1.25	0	%100
82	M82	Z	-.722	-.722	0	%100
83	M84A	X	3.554	3.554	0	%100
84	M84A	Z	-2.052	-2.052	0	%100
85	M85A	X	4.805	4.805	0	%100
86	M85A	Z	-2.774	-2.774	0	%100
87	M87	X	4.999	4.999	0	%100
88	M87	Z	-2.886	-2.886	0	%100
89	M92A	X	4.62	4.62	0	%100
90	M92A	Z	-2.667	-2.667	0	%100
91	M93	X	.927	.927	0	%100
92	M93	Z	-.535	-.535	0	%100
93	M91B	X	2.924	2.924	0	%100
94	M91B	Z	-1.688	-1.688	0	%100
95	M92B	X	.731	.731	0	%100
96	M92B	Z	-.422	-.422	0	%100
97	M93A	X	.731	.731	0	%100
98	M93A	Z	-.422	-.422	0	%100
99	MP2A	X	3.281	3.281	0	%100
100	MP2A	Z	-1.894	-1.894	0	%100
101	MP3A	X	3.411	3.411	0	%100
102	MP3A	Z	-1.969	-1.969	0	%100
103	MP4A	X	3.411	3.411	0	%100
104	MP4A	Z	-1.969	-1.969	0	%100
105	MP5A	X	3.411	3.411	0	%100
106	MP5A	Z	-1.969	-1.969	0	%100
107	MP1C	X	3.411	3.411	0	%100
108	MP1C	Z	-1.969	-1.969	0	%100
109	MP2C	X	3.281	3.281	0	%100
110	MP2C	Z	-1.894	-1.894	0	%100
111	MP3C	X	3.411	3.411	0	%100
112	MP3C	Z	-1.969	-1.969	0	%100
113	MP4C	X	3.411	3.411	0	%100
114	MP4C	Z	-1.969	-1.969	0	%100
115	MP5C	X	3.411	3.411	0	%100
116	MP5C	Z	-1.969	-1.969	0	%100
117	MP1B	X	3.411	3.411	0	%100
118	MP1B	Z	-1.969	-1.969	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[in,...	End Location[in,%]
119	MP2B	X	3.281	3.281	0	%100
120	MP2B	Z	-1.894	-1.894	0	%100
121	MP3B	X	3.411	3.411	0	%100
122	MP3B	Z	-1.969	-1.969	0	%100
123	MP4B	X	3.411	3.411	0	%100
124	MP4B	Z	-1.969	-1.969	0	%100
125	MP5B	X	3.411	3.411	0	%100
126	MP5B	Z	-1.969	-1.969	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[in,...	End Location[in,%]
1	FACE	X	0	0	0	%100
2	FACE	Z	0	0	0	%100
3	M4	X	4.476	4.476	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	MP1A	X	3.939	3.939	0	%100
8	MP1A	Z	0	0	0	%100
9	M43	X	0	0	0	%100
10	M43	Z	0	0	0	%100
11	M46	X	0	0	0	%100
12	M46	Z	0	0	0	%100
13	M51B	X	3.169	3.169	0	%100
14	M51B	Z	0	0	0	%100
15	M52B	X	3.169	3.169	0	%100
16	M52B	Z	0	0	0	%100
17	M76	X	5.472	5.472	0	%100
18	M76	Z	0	0	0	%100
19	M77	X	4.161	4.161	0	%100
20	M77	Z	0	0	0	%100
21	M80	X	4.329	4.329	0	%100
22	M80	Z	0	0	0	%100
23	M84	X	5.472	5.472	0	%100
24	M84	Z	0	0	0	%100
25	M85	X	4.161	4.161	0	%100
26	M85	Z	0	0	0	%100
27	M91	X	4.329	4.329	0	%100
28	M91	Z	0	0	0	%100
29	M28	X	6.633	6.633	0	%100
30	M28	Z	0	0	0	%100
31	M29	X	0	0	0	%100
32	M29	Z	0	0	0	%100
33	M33	X	3.535	3.535	0	%100
34	M33	Z	0	0	0	%100
35	M34	X	1.119	1.119	0	%100
36	M34	Z	0	0	0	%100
37	M35	X	2.753	2.753	0	%100
38	M35	Z	0	0	0	%100
39	M38	X	2.753	2.753	0	%100
40	M38	Z	0	0	0	%100
41	M39	X	4.142	4.142	0	%100
42	M39	Z	0	0	0	%100
43	M42	X	3.098	3.098	0	%100
44	M42	Z	0	0	0	%100
45	M43A	X	.000405	.000405	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[in,...	End Location[in,%]
46	M43A	Z	0	0	0	%100
47	M47	X	1.368	1.368	0	%100
48	M47	Z	0	0	0	%100
49	M48	X	4.161	4.161	0	%100
50	M48	Z	0	0	0	%100
51	M50A	X	4.329	4.329	0	%100
52	M50A	Z	0	0	0	%100
53	M52A	X	1.368	1.368	0	%100
54	M52A	Z	0	0	0	%100
55	M53	X	0	0	0	%100
56	M53	Z	0	0	0	%100
57	M55	X	0	0	0	%100
58	M55	Z	0	0	0	%100
59	M60	X	2.737	2.737	0	%100
60	M60	Z	0	0	0	%100
61	M61	X	3.212	3.212	0	%100
62	M61	Z	0	0	0	%100
63	M65	X	3.535	3.535	0	%100
64	M65	Z	0	0	0	%100
65	M66	X	1.119	1.119	0	%100
66	M66	Z	0	0	0	%100
67	M67	X	2.753	2.753	0	%100
68	M67	Z	0	0	0	%100
69	M70	X	2.753	2.753	0	%100
70	M70	Z	0	0	0	%100
71	M71	X	4.142	4.142	0	%100
72	M71	Z	0	0	0	%100
73	M74	X	.000405	.000405	0	%100
74	M74	Z	0	0	0	%100
75	M75	X	3.098	3.098	0	%100
76	M75	Z	0	0	0	%100
77	M79A	X	1.368	1.368	0	%100
78	M79A	Z	0	0	0	%100
79	M80A	X	0	0	0	%100
80	M80A	Z	0	0	0	%100
81	M82	X	0	0	0	%100
82	M82	Z	0	0	0	%100
83	M84A	X	1.368	1.368	0	%100
84	M84A	Z	0	0	0	%100
85	M85A	X	4.161	4.161	0	%100
86	M85A	Z	0	0	0	%100
87	M87	X	4.329	4.329	0	%100
88	M87	Z	0	0	0	%100
89	M92A	X	2.737	2.737	0	%100
90	M92A	Z	0	0	0	%100
91	M93	X	3.212	3.212	0	%100
92	M93	Z	0	0	0	%100
93	M91B	X	2.532	2.532	0	%100
94	M91B	Z	0	0	0	%100
95	M92B	X	2.532	2.532	0	%100
96	M92B	Z	0	0	0	%100
97	M93A	X	0	0	0	%100
98	M93A	Z	0	0	0	%100
99	MP2A	X	3.789	3.789	0	%100
100	MP2A	Z	0	0	0	%100
101	MP3A	X	3.939	3.939	0	%100
102	MP3A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[in,...	End Location[in,%]
103	MP4A	X	3.939	3.939	0	%100
104	MP4A	Z	0	0	0	%100
105	MP5A	X	3.939	3.939	0	%100
106	MP5A	Z	0	0	0	%100
107	MP1C	X	3.939	3.939	0	%100
108	MP1C	Z	0	0	0	%100
109	MP2C	X	3.789	3.789	0	%100
110	MP2C	Z	0	0	0	%100
111	MP3C	X	3.939	3.939	0	%100
112	MP3C	Z	0	0	0	%100
113	MP4C	X	3.939	3.939	0	%100
114	MP4C	Z	0	0	0	%100
115	MP5C	X	3.939	3.939	0	%100
116	MP5C	Z	0	0	0	%100
117	MP1B	X	3.939	3.939	0	%100
118	MP1B	Z	0	0	0	%100
119	MP2B	X	3.789	3.789	0	%100
120	MP2B	Z	0	0	0	%100
121	MP3B	X	3.939	3.939	0	%100
122	MP3B	Z	0	0	0	%100
123	MP4B	X	3.939	3.939	0	%100
124	MP4B	Z	0	0	0	%100
125	MP5B	X	3.939	3.939	0	%100
126	MP5B	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[in,...	End Location[in,%]
1	FACE	X	1.02	1.02	0	%100
2	FACE	Z	.589	.589	0	%100
3	M4	X	2.907	2.907	0	%100
4	M4	Z	1.679	1.679	0	%100
5	M10	X	.795	.795	0	%100
6	M10	Z	.459	.459	0	%100
7	MP1A	X	3.411	3.411	0	%100
8	MP1A	Z	1.969	1.969	0	%100
9	M43	X	.795	.795	0	%100
10	M43	Z	.459	.459	0	%100
11	M46	X	1.196	1.196	0	%100
12	M46	Z	.69	.69	0	%100
13	M51B	X	.936	.936	0	%100
14	M51B	Z	.54	.54	0	%100
15	M52B	X	3.618	3.618	0	%100
16	M52B	Z	2.089	2.089	0	%100
17	M76	X	3.554	3.554	0	%100
18	M76	Z	2.052	2.052	0	%100
19	M77	X	1.201	1.201	0	%100
20	M77	Z	.694	.694	0	%100
21	M80	X	1.25	1.25	0	%100
22	M80	Z	.722	.722	0	%100
23	M84	X	3.554	3.554	0	%100
24	M84	Z	2.052	2.052	0	%100
25	M85	X	4.805	4.805	0	%100
26	M85	Z	2.774	2.774	0	%100
27	M91	X	4.999	4.999	0	%100
28	M91	Z	2.886	2.886	0	%100
29	M28	X	4.62	4.62	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[in,...	End Location[in,%]
30	M28	Z	2.667	2.667	0	%100
31	M29	X	.927	.927	0	%100
32	M29	Z	.535	.535	0	%100
33	M33	X	1.02	1.02	0	%100
34	M33	Z	.589	.589	0	%100
35	M34	X	2.907	2.907	0	%100
36	M34	Z	1.679	1.679	0	%100
37	M35	X	.795	.795	0	%100
38	M35	Z	.459	.459	0	%100
39	M38	X	.795	.795	0	%100
40	M38	Z	.459	.459	0	%100
41	M39	X	1.196	1.196	0	%100
42	M39	Z	.69	.69	0	%100
43	M42	X	3.618	3.618	0	%100
44	M42	Z	2.089	2.089	0	%100
45	M43A	X	.936	.936	0	%100
46	M43A	Z	.54	.54	0	%100
47	M47	X	3.554	3.554	0	%100
48	M47	Z	2.052	2.052	0	%100
49	M48	X	4.805	4.805	0	%100
50	M48	Z	2.774	2.774	0	%100
51	M50A	X	4.999	4.999	0	%100
52	M50A	Z	2.886	2.886	0	%100
53	M52A	X	3.554	3.554	0	%100
54	M52A	Z	2.052	2.052	0	%100
55	M53	X	1.201	1.201	0	%100
56	M53	Z	.694	.694	0	%100
57	M55	X	1.25	1.25	0	%100
58	M55	Z	.722	.722	0	%100
59	M60	X	4.62	4.62	0	%100
60	M60	Z	2.667	2.667	0	%100
61	M61	X	.927	.927	0	%100
62	M61	Z	.535	.535	0	%100
63	M65	X	4.081	4.081	0	%100
64	M65	Z	2.356	2.356	0	%100
65	M66	X	0	0	0	%100
66	M66	Z	0	0	0	%100
67	M67	X	3.178	3.178	0	%100
68	M67	Z	1.835	1.835	0	%100
69	M70	X	3.178	3.178	0	%100
70	M70	Z	1.835	1.835	0	%100
71	M71	X	4.783	4.783	0	%100
72	M71	Z	2.761	2.761	0	%100
73	M74	X	.874	.874	0	%100
74	M74	Z	.505	.505	0	%100
75	M75	X	.874	.874	0	%100
76	M75	Z	.505	.505	0	%100
77	M79A	X	0	0	0	%100
78	M79A	Z	0	0	0	%100
79	M80A	X	1.201	1.201	0	%100
80	M80A	Z	.694	.694	0	%100
81	M82	X	1.25	1.25	0	%100
82	M82	Z	.722	.722	0	%100
83	M84A	X	0	0	0	%100
84	M84A	Z	0	0	0	%100
85	M85A	X	1.201	1.201	0	%100
86	M85A	Z	.694	.694	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[in,...	End Location[in,%]
87	M87	X	1.25	1.25	0	%100
88	M87	Z	.722	.722	0	%100
89	M92A	X	1.246	1.246	0	%100
90	M92A	Z	.719	.719	0	%100
91	M93	X	3.709	3.709	0	%100
92	M93	Z	2.141	2.141	0	%100
93	M91B	X	.731	.731	0	%100
94	M91B	Z	.422	.422	0	%100
95	M92B	X	2.924	2.924	0	%100
96	M92B	Z	1.688	1.688	0	%100
97	M93A	X	.731	.731	0	%100
98	M93A	Z	.422	.422	0	%100
99	MP2A	X	3.281	3.281	0	%100
100	MP2A	Z	1.894	1.894	0	%100
101	MP3A	X	3.411	3.411	0	%100
102	MP3A	Z	1.969	1.969	0	%100
103	MP4A	X	3.411	3.411	0	%100
104	MP4A	Z	1.969	1.969	0	%100
105	MP5A	X	3.411	3.411	0	%100
106	MP5A	Z	1.969	1.969	0	%100
107	MP1C	X	3.411	3.411	0	%100
108	MP1C	Z	1.969	1.969	0	%100
109	MP2C	X	3.281	3.281	0	%100
110	MP2C	Z	1.894	1.894	0	%100
111	MP3C	X	3.411	3.411	0	%100
112	MP3C	Z	1.969	1.969	0	%100
113	MP4C	X	3.411	3.411	0	%100
114	MP4C	Z	1.969	1.969	0	%100
115	MP5C	X	3.411	3.411	0	%100
116	MP5C	Z	1.969	1.969	0	%100
117	MP1B	X	3.411	3.411	0	%100
118	MP1B	Z	1.969	1.969	0	%100
119	MP2B	X	3.281	3.281	0	%100
120	MP2B	Z	1.894	1.894	0	%100
121	MP3B	X	3.411	3.411	0	%100
122	MP3B	Z	1.969	1.969	0	%100
123	MP4B	X	3.411	3.411	0	%100
124	MP4B	Z	1.969	1.969	0	%100
125	MP5B	X	3.411	3.411	0	%100
126	MP5B	Z	1.969	1.969	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[in,...	End Location[in,%]
1	FACE	X	1.767	1.767	0	%100
2	FACE	Z	3.061	3.061	0	%100
3	M4	X	.56	.56	0	%100
4	M4	Z	.969	.969	0	%100
5	M10	X	1.376	1.376	0	%100
6	M10	Z	2.384	2.384	0	%100
7	MP1A	X	1.969	1.969	0	%100
8	MP1A	Z	3.411	3.411	0	%100
9	M43	X	1.376	1.376	0	%100
10	M43	Z	2.384	2.384	0	%100
11	M46	X	2.071	2.071	0	%100
12	M46	Z	3.587	3.587	0	%100
13	M51B	X	.000202	.000202	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[in,...	End Location[in,%]
14	M51B	Z	.00035	.00035	0	%100
15	M52B	X	1.549	1.549	0	%100
16	M52B	Z	2.683	2.683	0	%100
17	M76	X	.684	.684	0	%100
18	M76	Z	1.185	1.185	0	%100
19	M77	X	0	0	0	%100
20	M77	Z	0	0	0	%100
21	M80	X	0	0	0	%100
22	M80	Z	0	0	0	%100
23	M84	X	.684	.684	0	%100
24	M84	Z	1.185	1.185	0	%100
25	M85	X	2.081	2.081	0	%100
26	M85	Z	3.604	3.604	0	%100
27	M91	X	2.165	2.165	0	%100
28	M91	Z	3.749	3.749	0	%100
29	M28	X	1.369	1.369	0	%100
30	M28	Z	2.371	2.371	0	%100
31	M29	X	1.606	1.606	0	%100
32	M29	Z	2.782	2.782	0	%100
33	M33	X	0	0	0	%100
34	M33	Z	0	0	0	%100
35	M34	X	2.238	2.238	0	%100
36	M34	Z	3.876	3.876	0	%100
37	M35	X	0	0	0	%100
38	M35	Z	0	0	0	%100
39	M38	X	0	0	0	%100
40	M38	Z	0	0	0	%100
41	M39	X	0	0	0	%100
42	M39	Z	0	0	0	%100
43	M42	X	1.584	1.584	0	%100
44	M42	Z	2.744	2.744	0	%100
45	M43A	X	1.584	1.584	0	%100
46	M43A	Z	2.744	2.744	0	%100
47	M47	X	2.736	2.736	0	%100
48	M47	Z	4.739	4.739	0	%100
49	M48	X	2.081	2.081	0	%100
50	M48	Z	3.604	3.604	0	%100
51	M50A	X	2.165	2.165	0	%100
52	M50A	Z	3.749	3.749	0	%100
53	M52A	X	2.736	2.736	0	%100
54	M52A	Z	4.739	4.739	0	%100
55	M53	X	2.081	2.081	0	%100
56	M53	Z	3.604	3.604	0	%100
57	M55	X	2.165	2.165	0	%100
58	M55	Z	3.749	3.749	0	%100
59	M60	X	3.316	3.316	0	%100
60	M60	Z	5.744	5.744	0	%100
61	M61	X	0	0	0	%100
62	M61	Z	0	0	0	%100
63	M65	X	1.767	1.767	0	%100
64	M65	Z	3.061	3.061	0	%100
65	M66	X	.56	.56	0	%100
66	M66	Z	.969	.969	0	%100
67	M67	X	1.376	1.376	0	%100
68	M67	Z	2.384	2.384	0	%100
69	M70	X	1.376	1.376	0	%100
70	M70	Z	2.384	2.384	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[in,...	End Location[in,%]
71	M71	X	2.071	2.071	0	%100
72	M71	Z	3.587	3.587	0	%100
73	M74	X	1.549	1.549	0	%100
74	M74	Z	2.683	2.683	0	%100
75	M75	X	.000202	.000202	0	%100
76	M75	Z	.00035	.00035	0	%100
77	M79A	X	.684	.684	0	%100
78	M79A	Z	1.185	1.185	0	%100
79	M80A	X	2.081	2.081	0	%100
80	M80A	Z	3.604	3.604	0	%100
81	M82	X	2.165	2.165	0	%100
82	M82	Z	3.749	3.749	0	%100
83	M84A	X	.684	.684	0	%100
84	M84A	Z	1.185	1.185	0	%100
85	M85A	X	0	0	0	%100
86	M85A	Z	0	0	0	%100
87	M87	X	0	0	0	%100
88	M87	Z	0	0	0	%100
89	M92A	X	1.369	1.369	0	%100
90	M92A	Z	2.371	2.371	0	%100
91	M93	X	1.606	1.606	0	%100
92	M93	Z	2.782	2.782	0	%100
93	M91B	X	0	0	0	%100
94	M91B	Z	0	0	0	%100
95	M92B	X	1.266	1.266	0	%100
96	M92B	Z	2.193	2.193	0	%100
97	M93A	X	1.266	1.266	0	%100
98	M93A	Z	2.193	2.193	0	%100
99	MP2A	X	1.894	1.894	0	%100
100	MP2A	Z	3.281	3.281	0	%100
101	MP3A	X	1.969	1.969	0	%100
102	MP3A	Z	3.411	3.411	0	%100
103	MP4A	X	1.969	1.969	0	%100
104	MP4A	Z	3.411	3.411	0	%100
105	MP5A	X	1.969	1.969	0	%100
106	MP5A	Z	3.411	3.411	0	%100
107	MP1C	X	1.969	1.969	0	%100
108	MP1C	Z	3.411	3.411	0	%100
109	MP2C	X	1.894	1.894	0	%100
110	MP2C	Z	3.281	3.281	0	%100
111	MP3C	X	1.969	1.969	0	%100
112	MP3C	Z	3.411	3.411	0	%100
113	MP4C	X	1.969	1.969	0	%100
114	MP4C	Z	3.411	3.411	0	%100
115	MP5C	X	1.969	1.969	0	%100
116	MP5C	Z	3.411	3.411	0	%100
117	MP1B	X	1.969	1.969	0	%100
118	MP1B	Z	3.411	3.411	0	%100
119	MP2B	X	1.894	1.894	0	%100
120	MP2B	Z	3.281	3.281	0	%100
121	MP3B	X	1.969	1.969	0	%100
122	MP3B	Z	3.411	3.411	0	%100
123	MP4B	X	1.969	1.969	0	%100
124	MP4B	Z	3.411	3.411	0	%100
125	MP5B	X	1.969	1.969	0	%100
126	MP5B	Z	3.411	3.411	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[in,...	End Location[in,%]
1	FACE	X	0	0	0	%100
2	FACE	Z	4.713	4.713	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	3.67	3.67	0	%100
7	MP1A	X	0	0	0	%100
8	MP1A	Z	3.939	3.939	0	%100
9	M43	X	0	0	0	%100
10	M43	Z	3.67	3.67	0	%100
11	M46	X	0	0	0	%100
12	M46	Z	5.523	5.523	0	%100
13	M51B	X	0	0	0	%100
14	M51B	Z	1.009	1.009	0	%100
15	M52B	X	0	0	0	%100
16	M52B	Z	1.009	1.009	0	%100
17	M76	X	0	0	0	%100
18	M76	Z	0	0	0	%100
19	M77	X	0	0	0	%100
20	M77	Z	1.387	1.387	0	%100
21	M80	X	0	0	0	%100
22	M80	Z	1.443	1.443	0	%100
23	M84	X	0	0	0	%100
24	M84	Z	0	0	0	%100
25	M85	X	0	0	0	%100
26	M85	Z	1.387	1.387	0	%100
27	M91	X	0	0	0	%100
28	M91	Z	1.443	1.443	0	%100
29	M28	X	0	0	0	%100
30	M28	Z	1.439	1.439	0	%100
31	M29	X	0	0	0	%100
32	M29	Z	4.283	4.283	0	%100
33	M33	X	0	0	0	%100
34	M33	Z	1.178	1.178	0	%100
35	M34	X	0	0	0	%100
36	M34	Z	3.357	3.357	0	%100
37	M35	X	0	0	0	%100
38	M35	Z	.918	.918	0	%100
39	M38	X	0	0	0	%100
40	M38	Z	.918	.918	0	%100
41	M39	X	0	0	0	%100
42	M39	Z	1.381	1.381	0	%100
43	M42	X	0	0	0	%100
44	M42	Z	1.08	1.08	0	%100
45	M43A	X	0	0	0	%100
46	M43A	Z	4.178	4.178	0	%100
47	M47	X	0	0	0	%100
48	M47	Z	4.104	4.104	0	%100
49	M48	X	0	0	0	%100
50	M48	Z	1.387	1.387	0	%100
51	M50A	X	0	0	0	%100
52	M50A	Z	1.443	1.443	0	%100
53	M52A	X	0	0	0	%100
54	M52A	Z	4.104	4.104	0	%100
55	M53	X	0	0	0	%100
56	M53	Z	5.548	5.548	0	%100
57	M55	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[in,...	End Location[in,%]
58	M55	Z	5.772	5.772	0	%100
59	M60	X	0	0	0	%100
60	M60	Z	5.334	5.334	0	%100
61	M61	X	0	0	0	%100
62	M61	Z	1.071	1.071	0	%100
63	M65	X	0	0	0	%100
64	M65	Z	1.178	1.178	0	%100
65	M66	X	0	0	0	%100
66	M66	Z	3.357	3.357	0	%100
67	M67	X	0	0	0	%100
68	M67	Z	.918	.918	0	%100
69	M70	X	0	0	0	%100
70	M70	Z	.918	.918	0	%100
71	M71	X	0	0	0	%100
72	M71	Z	1.381	1.381	0	%100
73	M74	X	0	0	0	%100
74	M74	Z	4.178	4.178	0	%100
75	M75	X	0	0	0	%100
76	M75	Z	1.08	1.08	0	%100
77	M79A	X	0	0	0	%100
78	M79A	Z	4.104	4.104	0	%100
79	M80A	X	0	0	0	%100
80	M80A	Z	5.548	5.548	0	%100
81	M82	X	0	0	0	%100
82	M82	Z	5.772	5.772	0	%100
83	M84A	X	0	0	0	%100
84	M84A	Z	4.104	4.104	0	%100
85	M85A	X	0	0	0	%100
86	M85A	Z	1.387	1.387	0	%100
87	M87	X	0	0	0	%100
88	M87	Z	1.443	1.443	0	%100
89	M92A	X	0	0	0	%100
90	M92A	Z	5.334	5.334	0	%100
91	M93	X	0	0	0	%100
92	M93	Z	1.071	1.071	0	%100
93	M91B	X	0	0	0	%100
94	M91B	Z	.844	.844	0	%100
95	M92B	X	0	0	0	%100
96	M92B	Z	.844	.844	0	%100
97	M93A	X	0	0	0	%100
98	M93A	Z	3.376	3.376	0	%100
99	MP2A	X	0	0	0	%100
100	MP2A	Z	3.789	3.789	0	%100
101	MP3A	X	0	0	0	%100
102	MP3A	Z	3.939	3.939	0	%100
103	MP4A	X	0	0	0	%100
104	MP4A	Z	3.939	3.939	0	%100
105	MP5A	X	0	0	0	%100
106	MP5A	Z	3.939	3.939	0	%100
107	MP1C	X	0	0	0	%100
108	MP1C	Z	3.939	3.939	0	%100
109	MP2C	X	0	0	0	%100
110	MP2C	Z	3.789	3.789	0	%100
111	MP3C	X	0	0	0	%100
112	MP3C	Z	3.939	3.939	0	%100
113	MP4C	X	0	0	0	%100
114	MP4C	Z	3.939	3.939	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[in,...	End Location[in,%]
115	MP5C	X	0	0	0	%100
116	MP5C	Z	3.939	3.939	0	%100
117	MP1B	X	0	0	0	%100
118	MP1B	Z	3.939	3.939	0	%100
119	MP2B	X	0	0	0	%100
120	MP2B	Z	3.789	3.789	0	%100
121	MP3B	X	0	0	0	%100
122	MP3B	Z	3.939	3.939	0	%100
123	MP4B	X	0	0	0	%100
124	MP4B	Z	3.939	3.939	0	%100
125	MP5B	X	0	0	0	%100
126	MP5B	Z	3.939	3.939	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[in,...	End Location[in,%]
1	FACE	X	-1.767	-1.767	0	%100
2	FACE	Z	3.061	3.061	0	%100
3	M4	X	-.56	-.56	0	%100
4	M4	Z	.969	.969	0	%100
5	M10	X	-1.376	-1.376	0	%100
6	M10	Z	2.384	2.384	0	%100
7	MP1A	X	-1.969	-1.969	0	%100
8	MP1A	Z	3.411	3.411	0	%100
9	M43	X	-1.376	-1.376	0	%100
10	M43	Z	2.384	2.384	0	%100
11	M46	X	-2.071	-2.071	0	%100
12	M46	Z	3.587	3.587	0	%100
13	M51B	X	-1.549	-1.549	0	%100
14	M51B	Z	2.683	2.683	0	%100
15	M52B	X	-.000202	-.000202	0	%100
16	M52B	Z	.00035	.00035	0	%100
17	M76	X	-.684	-.684	0	%100
18	M76	Z	1.185	1.185	0	%100
19	M77	X	-2.081	-2.081	0	%100
20	M77	Z	3.604	3.604	0	%100
21	M80	X	-2.165	-2.165	0	%100
22	M80	Z	3.749	3.749	0	%100
23	M84	X	-.684	-.684	0	%100
24	M84	Z	1.185	1.185	0	%100
25	M85	X	0	0	0	%100
26	M85	Z	0	0	0	%100
27	M91	X	0	0	0	%100
28	M91	Z	0	0	0	%100
29	M28	X	-1.369	-1.369	0	%100
30	M28	Z	2.371	2.371	0	%100
31	M29	X	-1.606	-1.606	0	%100
32	M29	Z	2.782	2.782	0	%100
33	M33	X	-1.767	-1.767	0	%100
34	M33	Z	3.061	3.061	0	%100
35	M34	X	-.56	-.56	0	%100
36	M34	Z	.969	.969	0	%100
37	M35	X	-1.376	-1.376	0	%100
38	M35	Z	2.384	2.384	0	%100
39	M38	X	-1.376	-1.376	0	%100
40	M38	Z	2.384	2.384	0	%100
41	M39	X	-2.071	-2.071	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[in,...	End Location[in,%]
42	M39	Z	3.587	3.587	0	%100
43	M42	X	-.000202	-.000202	0	%100
44	M42	Z	.00035	.00035	0	%100
45	M43A	X	-1.549	-1.549	0	%100
46	M43A	Z	2.683	2.683	0	%100
47	M47	X	-.684	-.684	0	%100
48	M47	Z	1.185	1.185	0	%100
49	M48	X	0	0	0	%100
50	M48	Z	0	0	0	%100
51	M50A	X	0	0	0	%100
52	M50A	Z	0	0	0	%100
53	M52A	X	-.684	-.684	0	%100
54	M52A	Z	1.185	1.185	0	%100
55	M53	X	-2.081	-2.081	0	%100
56	M53	Z	3.604	3.604	0	%100
57	M55	X	-2.165	-2.165	0	%100
58	M55	Z	3.749	3.749	0	%100
59	M60	X	-1.369	-1.369	0	%100
60	M60	Z	2.371	2.371	0	%100
61	M61	X	-1.606	-1.606	0	%100
62	M61	Z	2.782	2.782	0	%100
63	M65	X	0	0	0	%100
64	M65	Z	0	0	0	%100
65	M66	X	-2.238	-2.238	0	%100
66	M66	Z	3.876	3.876	0	%100
67	M67	X	0	0	0	%100
68	M67	Z	0	0	0	%100
69	M70	X	0	0	0	%100
70	M70	Z	0	0	0	%100
71	M71	X	0	0	0	%100
72	M71	Z	0	0	0	%100
73	M74	X	-1.584	-1.584	0	%100
74	M74	Z	2.744	2.744	0	%100
75	M75	X	-1.584	-1.584	0	%100
76	M75	Z	2.744	2.744	0	%100
77	M79A	X	-2.736	-2.736	0	%100
78	M79A	Z	4.739	4.739	0	%100
79	M80A	X	-2.081	-2.081	0	%100
80	M80A	Z	3.604	3.604	0	%100
81	M82	X	-2.165	-2.165	0	%100
82	M82	Z	3.749	3.749	0	%100
83	M84A	X	-2.736	-2.736	0	%100
84	M84A	Z	4.739	4.739	0	%100
85	M85A	X	-2.081	-2.081	0	%100
86	M85A	Z	3.604	3.604	0	%100
87	M87	X	-2.165	-2.165	0	%100
88	M87	Z	3.749	3.749	0	%100
89	M92A	X	-3.316	-3.316	0	%100
90	M92A	Z	5.744	5.744	0	%100
91	M93	X	0	0	0	%100
92	M93	Z	0	0	0	%100
93	M91B	X	-1.266	-1.266	0	%100
94	M91B	Z	2.193	2.193	0	%100
95	M92B	X	0	0	0	%100
96	M92B	Z	0	0	0	%100
97	M93A	X	-1.266	-1.266	0	%100
98	M93A	Z	2.193	2.193	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[in,...	End Location[in,%]
99	MP2A	X	-1.894	-1.894	0	%100
100	MP2A	Z	3.281	3.281	0	%100
101	MP3A	X	-1.969	-1.969	0	%100
102	MP3A	Z	3.411	3.411	0	%100
103	MP4A	X	-1.969	-1.969	0	%100
104	MP4A	Z	3.411	3.411	0	%100
105	MP5A	X	-1.969	-1.969	0	%100
106	MP5A	Z	3.411	3.411	0	%100
107	MP1C	X	-1.969	-1.969	0	%100
108	MP1C	Z	3.411	3.411	0	%100
109	MP2C	X	-1.894	-1.894	0	%100
110	MP2C	Z	3.281	3.281	0	%100
111	MP3C	X	-1.969	-1.969	0	%100
112	MP3C	Z	3.411	3.411	0	%100
113	MP4C	X	-1.969	-1.969	0	%100
114	MP4C	Z	3.411	3.411	0	%100
115	MP5C	X	-1.969	-1.969	0	%100
116	MP5C	Z	3.411	3.411	0	%100
117	MP1B	X	-1.969	-1.969	0	%100
118	MP1B	Z	3.411	3.411	0	%100
119	MP2B	X	-1.894	-1.894	0	%100
120	MP2B	Z	3.281	3.281	0	%100
121	MP3B	X	-1.969	-1.969	0	%100
122	MP3B	Z	3.411	3.411	0	%100
123	MP4B	X	-1.969	-1.969	0	%100
124	MP4B	Z	3.411	3.411	0	%100
125	MP5B	X	-1.969	-1.969	0	%100
126	MP5B	Z	3.411	3.411	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[in,...	End Location[in,%]
1	FACE	X	-1.02	-1.02	0	%100
2	FACE	Z	.589	.589	0	%100
3	M4	X	-2.907	-2.907	0	%100
4	M4	Z	1.679	1.679	0	%100
5	M10	X	-.795	-.795	0	%100
6	M10	Z	.459	.459	0	%100
7	MP1A	X	-3.411	-3.411	0	%100
8	MP1A	Z	1.969	1.969	0	%100
9	M43	X	-.795	-.795	0	%100
10	M43	Z	.459	.459	0	%100
11	M46	X	-1.196	-1.196	0	%100
12	M46	Z	.69	.69	0	%100
13	M51B	X	-3.618	-3.618	0	%100
14	M51B	Z	2.089	2.089	0	%100
15	M52B	X	-.936	-.936	0	%100
16	M52B	Z	.54	.54	0	%100
17	M76	X	-3.554	-3.554	0	%100
18	M76	Z	2.052	2.052	0	%100
19	M77	X	-4.805	-4.805	0	%100
20	M77	Z	2.774	2.774	0	%100
21	M80	X	-4.999	-4.999	0	%100
22	M80	Z	2.886	2.886	0	%100
23	M84	X	-3.554	-3.554	0	%100
24	M84	Z	2.052	2.052	0	%100
25	M85	X	-1.201	-1.201	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[in,...	End Location[in,%]
26	M85	Z	.694	.694	0	%100
27	M91	X	-1.25	-1.25	0	%100
28	M91	Z	.722	.722	0	%100
29	M28	X	-4.62	-4.62	0	%100
30	M28	Z	2.667	2.667	0	%100
31	M29	X	-.927	-.927	0	%100
32	M29	Z	.535	.535	0	%100
33	M33	X	-4.081	-4.081	0	%100
34	M33	Z	2.356	2.356	0	%100
35	M34	X	0	0	0	%100
36	M34	Z	0	0	0	%100
37	M35	X	-3.178	-3.178	0	%100
38	M35	Z	1.835	1.835	0	%100
39	M38	X	-3.178	-3.178	0	%100
40	M38	Z	1.835	1.835	0	%100
41	M39	X	-4.783	-4.783	0	%100
42	M39	Z	2.761	2.761	0	%100
43	M42	X	-.874	-.874	0	%100
44	M42	Z	.505	.505	0	%100
45	M43A	X	-.874	-.874	0	%100
46	M43A	Z	.505	.505	0	%100
47	M47	X	0	0	0	%100
48	M47	Z	0	0	0	%100
49	M48	X	-1.201	-1.201	0	%100
50	M48	Z	.694	.694	0	%100
51	M50A	X	-1.25	-1.25	0	%100
52	M50A	Z	.722	.722	0	%100
53	M52A	X	0	0	0	%100
54	M52A	Z	0	0	0	%100
55	M53	X	-1.201	-1.201	0	%100
56	M53	Z	.694	.694	0	%100
57	M55	X	-1.25	-1.25	0	%100
58	M55	Z	.722	.722	0	%100
59	M60	X	-1.246	-1.246	0	%100
60	M60	Z	.719	.719	0	%100
61	M61	X	-3.709	-3.709	0	%100
62	M61	Z	2.141	2.141	0	%100
63	M65	X	-1.02	-1.02	0	%100
64	M65	Z	.589	.589	0	%100
65	M66	X	-2.907	-2.907	0	%100
66	M66	Z	1.679	1.679	0	%100
67	M67	X	-.795	-.795	0	%100
68	M67	Z	.459	.459	0	%100
69	M70	X	-.795	-.795	0	%100
70	M70	Z	.459	.459	0	%100
71	M71	X	-1.196	-1.196	0	%100
72	M71	Z	.69	.69	0	%100
73	M74	X	-.936	-.936	0	%100
74	M74	Z	.54	.54	0	%100
75	M75	X	-3.618	-3.618	0	%100
76	M75	Z	2.089	2.089	0	%100
77	M79A	X	-3.554	-3.554	0	%100
78	M79A	Z	2.052	2.052	0	%100
79	M80A	X	-1.201	-1.201	0	%100
80	M80A	Z	.694	.694	0	%100
81	M82	X	-1.25	-1.25	0	%100
82	M82	Z	.722	.722	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[in,...	End Location[in,%]
83	M84A	X	-3.554	-3.554	0	%100
84	M84A	Z	2.052	2.052	0	%100
85	M85A	X	-4.805	-4.805	0	%100
86	M85A	Z	2.774	2.774	0	%100
87	M87	X	-4.999	-4.999	0	%100
88	M87	Z	2.886	2.886	0	%100
89	M92A	X	-4.62	-4.62	0	%100
90	M92A	Z	2.667	2.667	0	%100
91	M93	X	-.927	-.927	0	%100
92	M93	Z	.535	.535	0	%100
93	M91B	X	-2.924	-2.924	0	%100
94	M91B	Z	1.688	1.688	0	%100
95	M92B	X	-.731	-.731	0	%100
96	M92B	Z	.422	.422	0	%100
97	M93A	X	-.731	-.731	0	%100
98	M93A	Z	.422	.422	0	%100
99	MP2A	X	-3.281	-3.281	0	%100
100	MP2A	Z	1.894	1.894	0	%100
101	MP3A	X	-3.411	-3.411	0	%100
102	MP3A	Z	1.969	1.969	0	%100
103	MP4A	X	-3.411	-3.411	0	%100
104	MP4A	Z	1.969	1.969	0	%100
105	MP5A	X	-3.411	-3.411	0	%100
106	MP5A	Z	1.969	1.969	0	%100
107	MP1C	X	-3.411	-3.411	0	%100
108	MP1C	Z	1.969	1.969	0	%100
109	MP2C	X	-3.281	-3.281	0	%100
110	MP2C	Z	1.894	1.894	0	%100
111	MP3C	X	-3.411	-3.411	0	%100
112	MP3C	Z	1.969	1.969	0	%100
113	MP4C	X	-3.411	-3.411	0	%100
114	MP4C	Z	1.969	1.969	0	%100
115	MP5C	X	-3.411	-3.411	0	%100
116	MP5C	Z	1.969	1.969	0	%100
117	MP1B	X	-3.411	-3.411	0	%100
118	MP1B	Z	1.969	1.969	0	%100
119	MP2B	X	-3.281	-3.281	0	%100
120	MP2B	Z	1.894	1.894	0	%100
121	MP3B	X	-3.411	-3.411	0	%100
122	MP3B	Z	1.969	1.969	0	%100
123	MP4B	X	-3.411	-3.411	0	%100
124	MP4B	Z	1.969	1.969	0	%100
125	MP5B	X	-3.411	-3.411	0	%100
126	MP5B	Z	1.969	1.969	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[in,...	End Location[in,%]
1	FACE	X	0	0	0	%100
2	FACE	Z	0	0	0	%100
3	M4	X	-4.476	-4.476	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	MP1A	X	-3.939	-3.939	0	%100
8	MP1A	Z	0	0	0	%100
9	M43	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[in,...	End Location[in,%]
10	M43	Z	0	0	0	%100
11	M46	X	0	0	0	%100
12	M46	Z	0	0	0	%100
13	M51B	X	-3.169	-3.169	0	%100
14	M51B	Z	0	0	0	%100
15	M52B	X	-3.169	-3.169	0	%100
16	M52B	Z	0	0	0	%100
17	M76	X	-5.472	-5.472	0	%100
18	M76	Z	0	0	0	%100
19	M77	X	-4.161	-4.161	0	%100
20	M77	Z	0	0	0	%100
21	M80	X	-4.329	-4.329	0	%100
22	M80	Z	0	0	0	%100
23	M84	X	-5.472	-5.472	0	%100
24	M84	Z	0	0	0	%100
25	M85	X	-4.161	-4.161	0	%100
26	M85	Z	0	0	0	%100
27	M91	X	-4.329	-4.329	0	%100
28	M91	Z	0	0	0	%100
29	M28	X	-6.633	-6.633	0	%100
30	M28	Z	0	0	0	%100
31	M29	X	0	0	0	%100
32	M29	Z	0	0	0	%100
33	M33	X	-3.535	-3.535	0	%100
34	M33	Z	0	0	0	%100
35	M34	X	-1.119	-1.119	0	%100
36	M34	Z	0	0	0	%100
37	M35	X	-2.753	-2.753	0	%100
38	M35	Z	0	0	0	%100
39	M38	X	-2.753	-2.753	0	%100
40	M38	Z	0	0	0	%100
41	M39	X	-4.142	-4.142	0	%100
42	M39	Z	0	0	0	%100
43	M42	X	-3.098	-3.098	0	%100
44	M42	Z	0	0	0	%100
45	M43A	X	-.000405	-.000405	0	%100
46	M43A	Z	0	0	0	%100
47	M47	X	-1.368	-1.368	0	%100
48	M47	Z	0	0	0	%100
49	M48	X	-4.161	-4.161	0	%100
50	M48	Z	0	0	0	%100
51	M50A	X	-4.329	-4.329	0	%100
52	M50A	Z	0	0	0	%100
53	M52A	X	-1.368	-1.368	0	%100
54	M52A	Z	0	0	0	%100
55	M53	X	0	0	0	%100
56	M53	Z	0	0	0	%100
57	M55	X	0	0	0	%100
58	M55	Z	0	0	0	%100
59	M60	X	-2.737	-2.737	0	%100
60	M60	Z	0	0	0	%100
61	M61	X	-3.212	-3.212	0	%100
62	M61	Z	0	0	0	%100
63	M65	X	-3.535	-3.535	0	%100
64	M65	Z	0	0	0	%100
65	M66	X	-1.119	-1.119	0	%100
66	M66	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[in,...	End Location[in,%]
67	M67	X	-2.753	-2.753	0	%100
68	M67	Z	0	0	0	%100
69	M70	X	-2.753	-2.753	0	%100
70	M70	Z	0	0	0	%100
71	M71	X	-4.142	-4.142	0	%100
72	M71	Z	0	0	0	%100
73	M74	X	-.000405	-.000405	0	%100
74	M74	Z	0	0	0	%100
75	M75	X	-3.098	-3.098	0	%100
76	M75	Z	0	0	0	%100
77	M79A	X	-1.368	-1.368	0	%100
78	M79A	Z	0	0	0	%100
79	M80A	X	0	0	0	%100
80	M80A	Z	0	0	0	%100
81	M82	X	0	0	0	%100
82	M82	Z	0	0	0	%100
83	M84A	X	-1.368	-1.368	0	%100
84	M84A	Z	0	0	0	%100
85	M85A	X	-4.161	-4.161	0	%100
86	M85A	Z	0	0	0	%100
87	M87	X	-4.329	-4.329	0	%100
88	M87	Z	0	0	0	%100
89	M92A	X	-2.737	-2.737	0	%100
90	M92A	Z	0	0	0	%100
91	M93	X	-3.212	-3.212	0	%100
92	M93	Z	0	0	0	%100
93	M91B	X	-2.532	-2.532	0	%100
94	M91B	Z	0	0	0	%100
95	M92B	X	-2.532	-2.532	0	%100
96	M92B	Z	0	0	0	%100
97	M93A	X	0	0	0	%100
98	M93A	Z	0	0	0	%100
99	MP2A	X	-3.789	-3.789	0	%100
100	MP2A	Z	0	0	0	%100
101	MP3A	X	-3.939	-3.939	0	%100
102	MP3A	Z	0	0	0	%100
103	MP4A	X	-3.939	-3.939	0	%100
104	MP4A	Z	0	0	0	%100
105	MP5A	X	-3.939	-3.939	0	%100
106	MP5A	Z	0	0	0	%100
107	MP1C	X	-3.939	-3.939	0	%100
108	MP1C	Z	0	0	0	%100
109	MP2C	X	-3.789	-3.789	0	%100
110	MP2C	Z	0	0	0	%100
111	MP3C	X	-3.939	-3.939	0	%100
112	MP3C	Z	0	0	0	%100
113	MP4C	X	-3.939	-3.939	0	%100
114	MP4C	Z	0	0	0	%100
115	MP5C	X	-3.939	-3.939	0	%100
116	MP5C	Z	0	0	0	%100
117	MP1B	X	-3.939	-3.939	0	%100
118	MP1B	Z	0	0	0	%100
119	MP2B	X	-3.789	-3.789	0	%100
120	MP2B	Z	0	0	0	%100
121	MP3B	X	-3.939	-3.939	0	%100
122	MP3B	Z	0	0	0	%100
123	MP4B	X	-3.939	-3.939	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[in,...	End Location[in,%]
124	MP4B	Z	0	0	0	%100
125	MP5B	X	-3.939	-3.939	0	%100
126	MP5B	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[in,...	End Location[in,%]
1	FACE	X	-1.02	-1.02	0	%100
2	FACE	Z	-.589	-.589	0	%100
3	M4	X	-2.907	-2.907	0	%100
4	M4	Z	-1.679	-1.679	0	%100
5	M10	X	-.795	-.795	0	%100
6	M10	Z	-.459	-.459	0	%100
7	MP1A	X	-3.411	-3.411	0	%100
8	MP1A	Z	-1.969	-1.969	0	%100
9	M43	X	-.795	-.795	0	%100
10	M43	Z	-.459	-.459	0	%100
11	M46	X	-1.196	-1.196	0	%100
12	M46	Z	-.69	-.69	0	%100
13	M51B	X	-.936	-.936	0	%100
14	M51B	Z	-.54	-.54	0	%100
15	M52B	X	-3.618	-3.618	0	%100
16	M52B	Z	-2.089	-2.089	0	%100
17	M76	X	-3.554	-3.554	0	%100
18	M76	Z	-2.052	-2.052	0	%100
19	M77	X	-1.201	-1.201	0	%100
20	M77	Z	-.694	-.694	0	%100
21	M80	X	-1.25	-1.25	0	%100
22	M80	Z	-.722	-.722	0	%100
23	M84	X	-3.554	-3.554	0	%100
24	M84	Z	-2.052	-2.052	0	%100
25	M85	X	-4.805	-4.805	0	%100
26	M85	Z	-2.774	-2.774	0	%100
27	M91	X	-4.999	-4.999	0	%100
28	M91	Z	-2.886	-2.886	0	%100
29	M28	X	-4.62	-4.62	0	%100
30	M28	Z	-2.667	-2.667	0	%100
31	M29	X	-.927	-.927	0	%100
32	M29	Z	-.535	-.535	0	%100
33	M33	X	-1.02	-1.02	0	%100
34	M33	Z	-.589	-.589	0	%100
35	M34	X	-2.907	-2.907	0	%100
36	M34	Z	-1.679	-1.679	0	%100
37	M35	X	-.795	-.795	0	%100
38	M35	Z	-.459	-.459	0	%100
39	M38	X	-.795	-.795	0	%100
40	M38	Z	-.459	-.459	0	%100
41	M39	X	-1.196	-1.196	0	%100
42	M39	Z	-.69	-.69	0	%100
43	M42	X	-3.618	-3.618	0	%100
44	M42	Z	-2.089	-2.089	0	%100
45	M43A	X	-.936	-.936	0	%100
46	M43A	Z	-.54	-.54	0	%100
47	M47	X	-3.554	-3.554	0	%100
48	M47	Z	-2.052	-2.052	0	%100
49	M48	X	-4.805	-4.805	0	%100
50	M48	Z	-2.774	-2.774	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[in,...	End Location[in,%]
51	M50A	X	-4.999	-4.999	0	%100
52	M50A	Z	-2.886	-2.886	0	%100
53	M52A	X	-3.554	-3.554	0	%100
54	M52A	Z	-2.052	-2.052	0	%100
55	M53	X	-1.201	-1.201	0	%100
56	M53	Z	-.694	-.694	0	%100
57	M55	X	-1.25	-1.25	0	%100
58	M55	Z	-.722	-.722	0	%100
59	M60	X	-4.62	-4.62	0	%100
60	M60	Z	-2.667	-2.667	0	%100
61	M61	X	-.927	-.927	0	%100
62	M61	Z	-.535	-.535	0	%100
63	M65	X	-4.081	-4.081	0	%100
64	M65	Z	-2.356	-2.356	0	%100
65	M66	X	0	0	0	%100
66	M66	Z	0	0	0	%100
67	M67	X	-3.178	-3.178	0	%100
68	M67	Z	-1.835	-1.835	0	%100
69	M70	X	-3.178	-3.178	0	%100
70	M70	Z	-1.835	-1.835	0	%100
71	M71	X	-4.783	-4.783	0	%100
72	M71	Z	-2.761	-2.761	0	%100
73	M74	X	-.874	-.874	0	%100
74	M74	Z	-.505	-.505	0	%100
75	M75	X	-.874	-.874	0	%100
76	M75	Z	-.505	-.505	0	%100
77	M79A	X	0	0	0	%100
78	M79A	Z	0	0	0	%100
79	M80A	X	-1.201	-1.201	0	%100
80	M80A	Z	-.694	-.694	0	%100
81	M82	X	-1.25	-1.25	0	%100
82	M82	Z	-.722	-.722	0	%100
83	M84A	X	0	0	0	%100
84	M84A	Z	0	0	0	%100
85	M85A	X	-1.201	-1.201	0	%100
86	M85A	Z	-.694	-.694	0	%100
87	M87	X	-1.25	-1.25	0	%100
88	M87	Z	-.722	-.722	0	%100
89	M92A	X	-1.246	-1.246	0	%100
90	M92A	Z	-.719	-.719	0	%100
91	M93	X	-3.709	-3.709	0	%100
92	M93	Z	-2.141	-2.141	0	%100
93	M91B	X	-.731	-.731	0	%100
94	M91B	Z	-.422	-.422	0	%100
95	M92B	X	-2.924	-2.924	0	%100
96	M92B	Z	-1.688	-1.688	0	%100
97	M93A	X	-.731	-.731	0	%100
98	M93A	Z	-.422	-.422	0	%100
99	MP2A	X	-3.281	-3.281	0	%100
100	MP2A	Z	-1.894	-1.894	0	%100
101	MP3A	X	-3.411	-3.411	0	%100
102	MP3A	Z	-1.969	-1.969	0	%100
103	MP4A	X	-3.411	-3.411	0	%100
104	MP4A	Z	-1.969	-1.969	0	%100
105	MP5A	X	-3.411	-3.411	0	%100
106	MP5A	Z	-1.969	-1.969	0	%100
107	MP1C	X	-3.411	-3.411	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[in,...	End Location[in,%]
108	MP1C	Z	-1.969	-1.969	0	%100
109	MP2C	X	-3.281	-3.281	0	%100
110	MP2C	Z	-1.894	-1.894	0	%100
111	MP3C	X	-3.411	-3.411	0	%100
112	MP3C	Z	-1.969	-1.969	0	%100
113	MP4C	X	-3.411	-3.411	0	%100
114	MP4C	Z	-1.969	-1.969	0	%100
115	MP5C	X	-3.411	-3.411	0	%100
116	MP5C	Z	-1.969	-1.969	0	%100
117	MP1B	X	-3.411	-3.411	0	%100
118	MP1B	Z	-1.969	-1.969	0	%100
119	MP2B	X	-3.281	-3.281	0	%100
120	MP2B	Z	-1.894	-1.894	0	%100
121	MP3B	X	-3.411	-3.411	0	%100
122	MP3B	Z	-1.969	-1.969	0	%100
123	MP4B	X	-3.411	-3.411	0	%100
124	MP4B	Z	-1.969	-1.969	0	%100
125	MP5B	X	-3.411	-3.411	0	%100
126	MP5B	Z	-1.969	-1.969	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[in,...	End Location[in,%]
1	FACE	X	-1.767	-1.767	0	%100
2	FACE	Z	-3.061	-3.061	0	%100
3	M4	X	-.56	-.56	0	%100
4	M4	Z	-.969	-.969	0	%100
5	M10	X	-1.376	-1.376	0	%100
6	M10	Z	-2.384	-2.384	0	%100
7	MP1A	X	-1.969	-1.969	0	%100
8	MP1A	Z	-3.411	-3.411	0	%100
9	M43	X	-1.376	-1.376	0	%100
10	M43	Z	-2.384	-2.384	0	%100
11	M46	X	-2.071	-2.071	0	%100
12	M46	Z	-3.587	-3.587	0	%100
13	M51B	X	-.000202	-.000202	0	%100
14	M51B	Z	-.00035	-.00035	0	%100
15	M52B	X	-1.549	-1.549	0	%100
16	M52B	Z	-2.683	-2.683	0	%100
17	M76	X	-.684	-.684	0	%100
18	M76	Z	-1.185	-1.185	0	%100
19	M77	X	0	0	0	%100
20	M77	Z	0	0	0	%100
21	M80	X	0	0	0	%100
22	M80	Z	0	0	0	%100
23	M84	X	-.684	-.684	0	%100
24	M84	Z	-1.185	-1.185	0	%100
25	M85	X	-2.081	-2.081	0	%100
26	M85	Z	-3.604	-3.604	0	%100
27	M91	X	-2.165	-2.165	0	%100
28	M91	Z	-3.749	-3.749	0	%100
29	M28	X	-1.369	-1.369	0	%100
30	M28	Z	-2.371	-2.371	0	%100
31	M29	X	-1.606	-1.606	0	%100
32	M29	Z	-2.782	-2.782	0	%100
33	M33	X	0	0	0	%100
34	M33	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[in,...	End Location[in,%]
35	M34	X	-2.238	-2.238	0	%100
36	M34	Z	-3.876	-3.876	0	%100
37	M35	X	0	0	0	%100
38	M35	Z	0	0	0	%100
39	M38	X	0	0	0	%100
40	M38	Z	0	0	0	%100
41	M39	X	0	0	0	%100
42	M39	Z	0	0	0	%100
43	M42	X	-1.584	-1.584	0	%100
44	M42	Z	-2.744	-2.744	0	%100
45	M43A	X	-1.584	-1.584	0	%100
46	M43A	Z	-2.744	-2.744	0	%100
47	M47	X	-2.736	-2.736	0	%100
48	M47	Z	-4.739	-4.739	0	%100
49	M48	X	-2.081	-2.081	0	%100
50	M48	Z	-3.604	-3.604	0	%100
51	M50A	X	-2.165	-2.165	0	%100
52	M50A	Z	-3.749	-3.749	0	%100
53	M52A	X	-2.736	-2.736	0	%100
54	M52A	Z	-4.739	-4.739	0	%100
55	M53	X	-2.081	-2.081	0	%100
56	M53	Z	-3.604	-3.604	0	%100
57	M55	X	-2.165	-2.165	0	%100
58	M55	Z	-3.749	-3.749	0	%100
59	M60	X	-3.316	-3.316	0	%100
60	M60	Z	-5.744	-5.744	0	%100
61	M61	X	0	0	0	%100
62	M61	Z	0	0	0	%100
63	M65	X	-1.767	-1.767	0	%100
64	M65	Z	-3.061	-3.061	0	%100
65	M66	X	-.56	-.56	0	%100
66	M66	Z	-.969	-.969	0	%100
67	M67	X	-1.376	-1.376	0	%100
68	M67	Z	-2.384	-2.384	0	%100
69	M70	X	-1.376	-1.376	0	%100
70	M70	Z	-2.384	-2.384	0	%100
71	M71	X	-2.071	-2.071	0	%100
72	M71	Z	-3.587	-3.587	0	%100
73	M74	X	-1.549	-1.549	0	%100
74	M74	Z	-2.683	-2.683	0	%100
75	M75	X	-.000202	-.000202	0	%100
76	M75	Z	-.00035	-.00035	0	%100
77	M79A	X	-.684	-.684	0	%100
78	M79A	Z	-1.185	-1.185	0	%100
79	M80A	X	-2.081	-2.081	0	%100
80	M80A	Z	-3.604	-3.604	0	%100
81	M82	X	-2.165	-2.165	0	%100
82	M82	Z	-3.749	-3.749	0	%100
83	M84A	X	-.684	-.684	0	%100
84	M84A	Z	-1.185	-1.185	0	%100
85	M85A	X	0	0	0	%100
86	M85A	Z	0	0	0	%100
87	M87	X	0	0	0	%100
88	M87	Z	0	0	0	%100
89	M92A	X	-1.369	-1.369	0	%100
90	M92A	Z	-2.371	-2.371	0	%100
91	M93	X	-1.606	-1.606	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[in,...	End Location[in,%]
92	M93	Z	-2.782	-2.782	0	%100
93	M91B	X	0	0	0	%100
94	M91B	Z	0	0	0	%100
95	M92B	X	-1.266	-1.266	0	%100
96	M92B	Z	-2.193	-2.193	0	%100
97	M93A	X	-1.266	-1.266	0	%100
98	M93A	Z	-2.193	-2.193	0	%100
99	MP2A	X	-1.894	-1.894	0	%100
100	MP2A	Z	-3.281	-3.281	0	%100
101	MP3A	X	-1.969	-1.969	0	%100
102	MP3A	Z	-3.411	-3.411	0	%100
103	MP4A	X	-1.969	-1.969	0	%100
104	MP4A	Z	-3.411	-3.411	0	%100
105	MP5A	X	-1.969	-1.969	0	%100
106	MP5A	Z	-3.411	-3.411	0	%100
107	MP1C	X	-1.969	-1.969	0	%100
108	MP1C	Z	-3.411	-3.411	0	%100
109	MP2C	X	-1.894	-1.894	0	%100
110	MP2C	Z	-3.281	-3.281	0	%100
111	MP3C	X	-1.969	-1.969	0	%100
112	MP3C	Z	-3.411	-3.411	0	%100
113	MP4C	X	-1.969	-1.969	0	%100
114	MP4C	Z	-3.411	-3.411	0	%100
115	MP5C	X	-1.969	-1.969	0	%100
116	MP5C	Z	-3.411	-3.411	0	%100
117	MP1B	X	-1.969	-1.969	0	%100
118	MP1B	Z	-3.411	-3.411	0	%100
119	MP2B	X	-1.894	-1.894	0	%100
120	MP2B	Z	-3.281	-3.281	0	%100
121	MP3B	X	-1.969	-1.969	0	%100
122	MP3B	Z	-3.411	-3.411	0	%100
123	MP4B	X	-1.969	-1.969	0	%100
124	MP4B	Z	-3.411	-3.411	0	%100
125	MP5B	X	-1.969	-1.969	0	%100
126	MP5B	Z	-3.411	-3.411	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[in,...	End Location[in,%]
1	FACE	X	0	0	0	%100
2	FACE	Z	-.867	-.867	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	-.745	-.745	0	%100
7	MP1A	X	0	0	0	%100
8	MP1A	Z	-.588	-.588	0	%100
9	M43	X	0	0	0	%100
10	M43	Z	-.745	-.745	0	%100
11	M46	X	0	0	0	%100
12	M46	Z	-1.486	-1.486	0	%100
13	M51B	X	0	0	0	%100
14	M51B	Z	-.199	-.199	0	%100
15	M52B	X	0	0	0	%100
16	M52B	Z	-.199	-.199	0	%100
17	M76	X	0	0	0	%100
18	M76	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[in,...	End Location[in,%]
19	M77	X	0	0	0	%100
20	M77	Z	-.378	-.378	0	%100
21	M80	X	0	0	0	%100
22	M80	Z	-.398	-.398	0	%100
23	M84	X	0	0	0	%100
24	M84	Z	0	0	0	%100
25	M85	X	0	0	0	%100
26	M85	Z	-.378	-.378	0	%100
27	M91	X	0	0	0	%100
28	M91	Z	-.398	-.398	0	%100
29	M28	X	0	0	0	%100
30	M28	Z	-.357	-.357	0	%100
31	M29	X	0	0	0	%100
32	M29	Z	-.712	-.712	0	%100
33	M33	X	0	0	0	%100
34	M33	Z	-.217	-.217	0	%100
35	M34	X	0	0	0	%100
36	M34	Z	-.66	-.66	0	%100
37	M35	X	0	0	0	%100
38	M35	Z	-.186	-.186	0	%100
39	M38	X	0	0	0	%100
40	M38	Z	-.186	-.186	0	%100
41	M39	X	0	0	0	%100
42	M39	Z	-.371	-.371	0	%100
43	M42	X	0	0	0	%100
44	M42	Z	-.213	-.213	0	%100
45	M43A	X	0	0	0	%100
46	M43A	Z	-.825	-.825	0	%100
47	M47	X	0	0	0	%100
48	M47	Z	-1.114	-1.114	0	%100
49	M48	X	0	0	0	%100
50	M48	Z	-.378	-.378	0	%100
51	M50A	X	0	0	0	%100
52	M50A	Z	-.398	-.398	0	%100
53	M52A	X	0	0	0	%100
54	M52A	Z	-1.114	-1.114	0	%100
55	M53	X	0	0	0	%100
56	M53	Z	-1.513	-1.513	0	%100
57	M55	X	0	0	0	%100
58	M55	Z	-1.594	-1.594	0	%100
59	M60	X	0	0	0	%100
60	M60	Z	-1.324	-1.324	0	%100
61	M61	X	0	0	0	%100
62	M61	Z	-.178	-.178	0	%100
63	M65	X	0	0	0	%100
64	M65	Z	-.217	-.217	0	%100
65	M66	X	0	0	0	%100
66	M66	Z	-.66	-.66	0	%100
67	M67	X	0	0	0	%100
68	M67	Z	-.186	-.186	0	%100
69	M70	X	0	0	0	%100
70	M70	Z	-.186	-.186	0	%100
71	M71	X	0	0	0	%100
72	M71	Z	-.371	-.371	0	%100
73	M74	X	0	0	0	%100
74	M74	Z	-.825	-.825	0	%100
75	M75	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[in,...	End Location[in,%]
76	M75	Z	-.213	-.213	0	%100
77	M79A	X	0	0	0	%100
78	M79A	Z	-1.114	-1.114	0	%100
79	M80A	X	0	0	0	%100
80	M80A	Z	-1.513	-1.513	0	%100
81	M82	X	0	0	0	%100
82	M82	Z	-1.594	-1.594	0	%100
83	M84A	X	0	0	0	%100
84	M84A	Z	-1.114	-1.114	0	%100
85	M85A	X	0	0	0	%100
86	M85A	Z	-.378	-.378	0	%100
87	M87	X	0	0	0	%100
88	M87	Z	-.398	-.398	0	%100
89	M92A	X	0	0	0	%100
90	M92A	Z	-1.324	-1.324	0	%100
91	M93	X	0	0	0	%100
92	M93	Z	-.178	-.178	0	%100
93	M91B	X	0	0	0	%100
94	M91B	Z	-.175	-.175	0	%100
95	M92B	X	0	0	0	%100
96	M92B	Z	-.175	-.175	0	%100
97	M93A	X	0	0	0	%100
98	M93A	Z	-.7	-.7	0	%100
99	MP2A	X	0	0	0	%100
100	MP2A	Z	-.588	-.588	0	%100
101	MP3A	X	0	0	0	%100
102	MP3A	Z	-.588	-.588	0	%100
103	MP4A	X	0	0	0	%100
104	MP4A	Z	-.588	-.588	0	%100
105	MP5A	X	0	0	0	%100
106	MP5A	Z	-.588	-.588	0	%100
107	MP1C	X	0	0	0	%100
108	MP1C	Z	-.588	-.588	0	%100
109	MP2C	X	0	0	0	%100
110	MP2C	Z	-.588	-.588	0	%100
111	MP3C	X	0	0	0	%100
112	MP3C	Z	-.588	-.588	0	%100
113	MP4C	X	0	0	0	%100
114	MP4C	Z	-.588	-.588	0	%100
115	MP5C	X	0	0	0	%100
116	MP5C	Z	-.588	-.588	0	%100
117	MP1B	X	0	0	0	%100
118	MP1B	Z	-.588	-.588	0	%100
119	MP2B	X	0	0	0	%100
120	MP2B	Z	-.588	-.588	0	%100
121	MP3B	X	0	0	0	%100
122	MP3B	Z	-.588	-.588	0	%100
123	MP4B	X	0	0	0	%100
124	MP4B	Z	-.588	-.588	0	%100
125	MP5B	X	0	0	0	%100
126	MP5B	Z	-.588	-.588	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[in,...	End Location[in,%]
1	FACE	X	.325	.325	0	%100
2	FACE	Z	-.563	-.563	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[in,...	End Location[in,%]
3	M4	X	.11	.11	0	%100
4	M4	Z	-.191	-.191	0	%100
5	M10	X	.279	.279	0	%100
6	M10	Z	-.484	-.484	0	%100
7	MP1A	X	.294	.294	0	%100
8	MP1A	Z	-.509	-.509	0	%100
9	M43	X	.279	.279	0	%100
10	M43	Z	-.484	-.484	0	%100
11	M46	X	.557	.557	0	%100
12	M46	Z	-.965	-.965	0	%100
13	M51B	X	.306	.306	0	%100
14	M51B	Z	-.53	-.53	0	%100
15	M52B	X	4e-5	4e-5	0	%100
16	M52B	Z	-6.9e-5	-6.9e-5	0	%100
17	M76	X	.186	.186	0	%100
18	M76	Z	-.322	-.322	0	%100
19	M77	X	.567	.567	0	%100
20	M77	Z	-.983	-.983	0	%100
21	M80	X	.598	.598	0	%100
22	M80	Z	-1.035	-1.035	0	%100
23	M84	X	.186	.186	0	%100
24	M84	Z	-.322	-.322	0	%100
25	M85	X	0	0	0	%100
26	M85	Z	0	0	0	%100
27	M91	X	0	0	0	%100
28	M91	Z	0	0	0	%100
29	M28	X	.34	.34	0	%100
30	M28	Z	-.589	-.589	0	%100
31	M29	X	.267	.267	0	%100
32	M29	Z	-.462	-.462	0	%100
33	M33	X	.325	.325	0	%100
34	M33	Z	-.563	-.563	0	%100
35	M34	X	.11	.11	0	%100
36	M34	Z	-.191	-.191	0	%100
37	M35	X	.279	.279	0	%100
38	M35	Z	-.484	-.484	0	%100
39	M38	X	.279	.279	0	%100
40	M38	Z	-.484	-.484	0	%100
41	M39	X	.557	.557	0	%100
42	M39	Z	-.965	-.965	0	%100
43	M42	X	4e-5	4e-5	0	%100
44	M42	Z	-6.9e-5	-6.9e-5	0	%100
45	M43A	X	.306	.306	0	%100
46	M43A	Z	-.53	-.53	0	%100
47	M47	X	.186	.186	0	%100
48	M47	Z	-.322	-.322	0	%100
49	M48	X	0	0	0	%100
50	M48	Z	0	0	0	%100
51	M50A	X	0	0	0	%100
52	M50A	Z	0	0	0	%100
53	M52A	X	.186	.186	0	%100
54	M52A	Z	-.322	-.322	0	%100
55	M53	X	.567	.567	0	%100
56	M53	Z	-.983	-.983	0	%100
57	M55	X	.598	.598	0	%100
58	M55	Z	-1.035	-1.035	0	%100
59	M60	X	.34	.34	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[in,...	End Location[in,%]
60	M60	Z	-.589	-.589	0	%100
61	M61	X	.267	.267	0	%100
62	M61	Z	-.462	-.462	0	%100
63	M65	X	0	0	0	%100
64	M65	Z	0	0	0	%100
65	M66	X	.44	.44	0	%100
66	M66	Z	-.762	-.762	0	%100
67	M67	X	0	0	0	%100
68	M67	Z	0	0	0	%100
69	M70	X	0	0	0	%100
70	M70	Z	0	0	0	%100
71	M71	X	0	0	0	%100
72	M71	Z	0	0	0	%100
73	M74	X	.313	.313	0	%100
74	M74	Z	-.542	-.542	0	%100
75	M75	X	.313	.313	0	%100
76	M75	Z	-.542	-.542	0	%100
77	M79A	X	.743	.743	0	%100
78	M79A	Z	-1.287	-1.287	0	%100
79	M80A	X	.567	.567	0	%100
80	M80A	Z	-.983	-.983	0	%100
81	M82	X	.598	.598	0	%100
82	M82	Z	-1.035	-1.035	0	%100
83	M84A	X	.743	.743	0	%100
84	M84A	Z	-1.287	-1.287	0	%100
85	M85A	X	.567	.567	0	%100
86	M85A	Z	-.983	-.983	0	%100
87	M87	X	.598	.598	0	%100
88	M87	Z	-1.035	-1.035	0	%100
89	M92A	X	.823	.823	0	%100
90	M92A	Z	-1.426	-1.426	0	%100
91	M93	X	0	0	0	%100
92	M93	Z	0	0	0	%100
93	M91B	X	.263	.263	0	%100
94	M91B	Z	-.455	-.455	0	%100
95	M92B	X	0	0	0	%100
96	M92B	Z	0	0	0	%100
97	M93A	X	.263	.263	0	%100
98	M93A	Z	-.455	-.455	0	%100
99	MP2A	X	.294	.294	0	%100
100	MP2A	Z	-.509	-.509	0	%100
101	MP3A	X	.294	.294	0	%100
102	MP3A	Z	-.509	-.509	0	%100
103	MP4A	X	.294	.294	0	%100
104	MP4A	Z	-.509	-.509	0	%100
105	MP5A	X	.294	.294	0	%100
106	MP5A	Z	-.509	-.509	0	%100
107	MP1C	X	.294	.294	0	%100
108	MP1C	Z	-.509	-.509	0	%100
109	MP2C	X	.294	.294	0	%100
110	MP2C	Z	-.509	-.509	0	%100
111	MP3C	X	.294	.294	0	%100
112	MP3C	Z	-.509	-.509	0	%100
113	MP4C	X	.294	.294	0	%100
114	MP4C	Z	-.509	-.509	0	%100
115	MP5C	X	.294	.294	0	%100
116	MP5C	Z	-.509	-.509	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[in,...	End Location[in,%]
117	MP1B	X	.294	.294	0	%100
118	MP1B	Z	-.509	-.509	0	%100
119	MP2B	X	.294	.294	0	%100
120	MP2B	Z	-.509	-.509	0	%100
121	MP3B	X	.294	.294	0	%100
122	MP3B	Z	-.509	-.509	0	%100
123	MP4B	X	.294	.294	0	%100
124	MP4B	Z	-.509	-.509	0	%100
125	MP5B	X	.294	.294	0	%100
126	MP5B	Z	-.509	-.509	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[in,...	End Location[in,%]
1	FACE	X	.188	.188	0	%100
2	FACE	Z	-.108	-.108	0	%100
3	M4	X	.572	.572	0	%100
4	M4	Z	-.33	-.33	0	%100
5	M10	X	.161	.161	0	%100
6	M10	Z	-.093	-.093	0	%100
7	MP1A	X	.509	.509	0	%100
8	MP1A	Z	-.294	-.294	0	%100
9	M43	X	.161	.161	0	%100
10	M43	Z	-.093	-.093	0	%100
11	M46	X	.322	.322	0	%100
12	M46	Z	-.186	-.186	0	%100
13	M51B	X	.715	.715	0	%100
14	M51B	Z	-.413	-.413	0	%100
15	M52B	X	.185	.185	0	%100
16	M52B	Z	-.107	-.107	0	%100
17	M76	X	.965	.965	0	%100
18	M76	Z	-.557	-.557	0	%100
19	M77	X	1.31	1.31	0	%100
20	M77	Z	-.757	-.757	0	%100
21	M80	X	1.38	1.38	0	%100
22	M80	Z	-.797	-.797	0	%100
23	M84	X	.965	.965	0	%100
24	M84	Z	-.557	-.557	0	%100
25	M85	X	.328	.328	0	%100
26	M85	Z	-.189	-.189	0	%100
27	M91	X	.345	.345	0	%100
28	M91	Z	-.199	-.199	0	%100
29	M28	X	1.147	1.147	0	%100
30	M28	Z	-.662	-.662	0	%100
31	M29	X	.154	.154	0	%100
32	M29	Z	-.089	-.089	0	%100
33	M33	X	.751	.751	0	%100
34	M33	Z	-.433	-.433	0	%100
35	M34	X	0	0	0	%100
36	M34	Z	0	0	0	%100
37	M35	X	.645	.645	0	%100
38	M35	Z	-.372	-.372	0	%100
39	M38	X	.645	.645	0	%100
40	M38	Z	-.372	-.372	0	%100
41	M39	X	1.287	1.287	0	%100
42	M39	Z	-.743	-.743	0	%100
43	M42	X	.173	.173	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[in,...	End Location[in,%]
44	M42	Z	-.1	-.1	0	%100
45	M43A	X	.173	.173	0	%100
46	M43A	Z	-.1	-.1	0	%100
47	M47	X	0	0	0	%100
48	M47	Z	0	0	0	%100
49	M48	X	.328	.328	0	%100
50	M48	Z	-.189	-.189	0	%100
51	M50A	X	.345	.345	0	%100
52	M50A	Z	-.199	-.199	0	%100
53	M52A	X	0	0	0	%100
54	M52A	Z	0	0	0	%100
55	M53	X	.328	.328	0	%100
56	M53	Z	-.189	-.189	0	%100
57	M55	X	.345	.345	0	%100
58	M55	Z	-.199	-.199	0	%100
59	M60	X	.309	.309	0	%100
60	M60	Z	-.179	-.179	0	%100
61	M61	X	.617	.617	0	%100
62	M61	Z	-.356	-.356	0	%100
63	M65	X	.188	.188	0	%100
64	M65	Z	-.108	-.108	0	%100
65	M66	X	.572	.572	0	%100
66	M66	Z	-.33	-.33	0	%100
67	M67	X	.161	.161	0	%100
68	M67	Z	-.093	-.093	0	%100
69	M70	X	.161	.161	0	%100
70	M70	Z	-.093	-.093	0	%100
71	M71	X	.322	.322	0	%100
72	M71	Z	-.186	-.186	0	%100
73	M74	X	.185	.185	0	%100
74	M74	Z	-.107	-.107	0	%100
75	M75	X	.715	.715	0	%100
76	M75	Z	-.413	-.413	0	%100
77	M79A	X	.965	.965	0	%100
78	M79A	Z	-.557	-.557	0	%100
79	M80A	X	.328	.328	0	%100
80	M80A	Z	-.189	-.189	0	%100
81	M82	X	.345	.345	0	%100
82	M82	Z	-.199	-.199	0	%100
83	M84A	X	.965	.965	0	%100
84	M84A	Z	-.557	-.557	0	%100
85	M85A	X	1.31	1.31	0	%100
86	M85A	Z	-.757	-.757	0	%100
87	M87	X	1.38	1.38	0	%100
88	M87	Z	-.797	-.797	0	%100
89	M92A	X	1.147	1.147	0	%100
90	M92A	Z	-.662	-.662	0	%100
91	M93	X	.154	.154	0	%100
92	M93	Z	-.089	-.089	0	%100
93	M91B	X	.607	.607	0	%100
94	M91B	Z	-.35	-.35	0	%100
95	M92B	X	.152	.152	0	%100
96	M92B	Z	-.088	-.088	0	%100
97	M93A	X	.152	.152	0	%100
98	M93A	Z	-.088	-.088	0	%100
99	MP2A	X	.509	.509	0	%100
100	MP2A	Z	-.294	-.294	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[in,...	End Location[in,%]
101	MP3A	X	.509	.509	0	%100
102	MP3A	Z	-.294	-.294	0	%100
103	MP4A	X	.509	.509	0	%100
104	MP4A	Z	-.294	-.294	0	%100
105	MP5A	X	.509	.509	0	%100
106	MP5A	Z	-.294	-.294	0	%100
107	MP1C	X	.509	.509	0	%100
108	MP1C	Z	-.294	-.294	0	%100
109	MP2C	X	.509	.509	0	%100
110	MP2C	Z	-.294	-.294	0	%100
111	MP3C	X	.509	.509	0	%100
112	MP3C	Z	-.294	-.294	0	%100
113	MP4C	X	.509	.509	0	%100
114	MP4C	Z	-.294	-.294	0	%100
115	MP5C	X	.509	.509	0	%100
116	MP5C	Z	-.294	-.294	0	%100
117	MP1B	X	.509	.509	0	%100
118	MP1B	Z	-.294	-.294	0	%100
119	MP2B	X	.509	.509	0	%100
120	MP2B	Z	-.294	-.294	0	%100
121	MP3B	X	.509	.509	0	%100
122	MP3B	Z	-.294	-.294	0	%100
123	MP4B	X	.509	.509	0	%100
124	MP4B	Z	-.294	-.294	0	%100
125	MP5B	X	.509	.509	0	%100
126	MP5B	Z	-.294	-.294	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[in,...	End Location[in,%]
1	FACE	X	0	0	0	%100
2	FACE	Z	0	0	0	%100
3	M4	X	.88	.88	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	MP1A	X	.588	.588	0	%100
8	MP1A	Z	0	0	0	%100
9	M43	X	0	0	0	%100
10	M43	Z	0	0	0	%100
11	M46	X	0	0	0	%100
12	M46	Z	0	0	0	%100
13	M51B	X	.626	.626	0	%100
14	M51B	Z	0	0	0	%100
15	M52B	X	.626	.626	0	%100
16	M52B	Z	0	0	0	%100
17	M76	X	1.486	1.486	0	%100
18	M76	Z	0	0	0	%100
19	M77	X	1.135	1.135	0	%100
20	M77	Z	0	0	0	%100
21	M80	X	1.195	1.195	0	%100
22	M80	Z	0	0	0	%100
23	M84	X	1.486	1.486	0	%100
24	M84	Z	0	0	0	%100
25	M85	X	1.135	1.135	0	%100
26	M85	Z	0	0	0	%100
27	M91	X	1.195	1.195	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[in,...	End Location[in,%]
28	M91	Z	0	0	0	%100
29	M28	X	1.647	1.647	0	%100
30	M28	Z	0	0	0	%100
31	M29	X	0	0	0	%100
32	M29	Z	0	0	0	%100
33	M33	X	.65	.65	0	%100
34	M33	Z	0	0	0	%100
35	M34	X	.22	.22	0	%100
36	M34	Z	0	0	0	%100
37	M35	X	.559	.559	0	%100
38	M35	Z	0	0	0	%100
39	M38	X	.559	.559	0	%100
40	M38	Z	0	0	0	%100
41	M39	X	1.114	1.114	0	%100
42	M39	Z	0	0	0	%100
43	M42	X	.612	.612	0	%100
44	M42	Z	0	0	0	%100
45	M43A	X	8e-5	8e-5	0	%100
46	M43A	Z	0	0	0	%100
47	M47	X	.371	.371	0	%100
48	M47	Z	0	0	0	%100
49	M48	X	1.135	1.135	0	%100
50	M48	Z	0	0	0	%100
51	M50A	X	1.195	1.195	0	%100
52	M50A	Z	0	0	0	%100
53	M52A	X	.371	.371	0	%100
54	M52A	Z	0	0	0	%100
55	M53	X	0	0	0	%100
56	M53	Z	0	0	0	%100
57	M55	X	0	0	0	%100
58	M55	Z	0	0	0	%100
59	M60	X	.68	.68	0	%100
60	M60	Z	0	0	0	%100
61	M61	X	.534	.534	0	%100
62	M61	Z	0	0	0	%100
63	M65	X	.65	.65	0	%100
64	M65	Z	0	0	0	%100
65	M66	X	.22	.22	0	%100
66	M66	Z	0	0	0	%100
67	M67	X	.559	.559	0	%100
68	M67	Z	0	0	0	%100
69	M70	X	.559	.559	0	%100
70	M70	Z	0	0	0	%100
71	M71	X	1.114	1.114	0	%100
72	M71	Z	0	0	0	%100
73	M74	X	8e-5	8e-5	0	%100
74	M74	Z	0	0	0	%100
75	M75	X	.612	.612	0	%100
76	M75	Z	0	0	0	%100
77	M79A	X	.371	.371	0	%100
78	M79A	Z	0	0	0	%100
79	M80A	X	0	0	0	%100
80	M80A	Z	0	0	0	%100
81	M82	X	0	0	0	%100
82	M82	Z	0	0	0	%100
83	M84A	X	.371	.371	0	%100
84	M84A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[in,...	End Location[in,%]
85	M85A	X	1.135	1.135	0	%100
86	M85A	Z	0	0	0	%100
87	M87	X	1.195	1.195	0	%100
88	M87	Z	0	0	0	%100
89	M92A	X	.68	.68	0	%100
90	M92A	Z	0	0	0	%100
91	M93	X	.534	.534	0	%100
92	M93	Z	0	0	0	%100
93	M91B	X	.525	.525	0	%100
94	M91B	Z	0	0	0	%100
95	M92B	X	.525	.525	0	%100
96	M92B	Z	0	0	0	%100
97	M93A	X	0	0	0	%100
98	M93A	Z	0	0	0	%100
99	MP2A	X	.588	.588	0	%100
100	MP2A	Z	0	0	0	%100
101	MP3A	X	.588	.588	0	%100
102	MP3A	Z	0	0	0	%100
103	MP4A	X	.588	.588	0	%100
104	MP4A	Z	0	0	0	%100
105	MP5A	X	.588	.588	0	%100
106	MP5A	Z	0	0	0	%100
107	MP1C	X	.588	.588	0	%100
108	MP1C	Z	0	0	0	%100
109	MP2C	X	.588	.588	0	%100
110	MP2C	Z	0	0	0	%100
111	MP3C	X	.588	.588	0	%100
112	MP3C	Z	0	0	0	%100
113	MP4C	X	.588	.588	0	%100
114	MP4C	Z	0	0	0	%100
115	MP5C	X	.588	.588	0	%100
116	MP5C	Z	0	0	0	%100
117	MP1B	X	.588	.588	0	%100
118	MP1B	Z	0	0	0	%100
119	MP2B	X	.588	.588	0	%100
120	MP2B	Z	0	0	0	%100
121	MP3B	X	.588	.588	0	%100
122	MP3B	Z	0	0	0	%100
123	MP4B	X	.588	.588	0	%100
124	MP4B	Z	0	0	0	%100
125	MP5B	X	.588	.588	0	%100
126	MP5B	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[in,...	End Location[in,%]
1	FACE	X	.188	.188	0	%100
2	FACE	Z	.108	.108	0	%100
3	M4	X	.572	.572	0	%100
4	M4	Z	.33	.33	0	%100
5	M10	X	.161	.161	0	%100
6	M10	Z	.093	.093	0	%100
7	MP1A	X	.509	.509	0	%100
8	MP1A	Z	.294	.294	0	%100
9	M43	X	.161	.161	0	%100
10	M43	Z	.093	.093	0	%100
11	M46	X	.322	.322	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[in,...	End Location[in,%]
12	M46	Z	.186	.186	0	%100
13	M51B	X	.185	.185	0	%100
14	M51B	Z	.107	.107	0	%100
15	M52B	X	.715	.715	0	%100
16	M52B	Z	.413	.413	0	%100
17	M76	X	.965	.965	0	%100
18	M76	Z	.557	.557	0	%100
19	M77	X	.328	.328	0	%100
20	M77	Z	.189	.189	0	%100
21	M80	X	.345	.345	0	%100
22	M80	Z	.199	.199	0	%100
23	M84	X	.965	.965	0	%100
24	M84	Z	.557	.557	0	%100
25	M85	X	1.31	1.31	0	%100
26	M85	Z	.757	.757	0	%100
27	M91	X	1.38	1.38	0	%100
28	M91	Z	.797	.797	0	%100
29	M28	X	1.147	1.147	0	%100
30	M28	Z	.662	.662	0	%100
31	M29	X	.154	.154	0	%100
32	M29	Z	.089	.089	0	%100
33	M33	X	.188	.188	0	%100
34	M33	Z	.108	.108	0	%100
35	M34	X	.572	.572	0	%100
36	M34	Z	.33	.33	0	%100
37	M35	X	.161	.161	0	%100
38	M35	Z	.093	.093	0	%100
39	M38	X	.161	.161	0	%100
40	M38	Z	.093	.093	0	%100
41	M39	X	.322	.322	0	%100
42	M39	Z	.186	.186	0	%100
43	M42	X	.715	.715	0	%100
44	M42	Z	.413	.413	0	%100
45	M43A	X	.185	.185	0	%100
46	M43A	Z	.107	.107	0	%100
47	M47	X	.965	.965	0	%100
48	M47	Z	.557	.557	0	%100
49	M48	X	1.31	1.31	0	%100
50	M48	Z	.757	.757	0	%100
51	M50A	X	1.38	1.38	0	%100
52	M50A	Z	.797	.797	0	%100
53	M52A	X	.965	.965	0	%100
54	M52A	Z	.557	.557	0	%100
55	M53	X	.328	.328	0	%100
56	M53	Z	.189	.189	0	%100
57	M55	X	.345	.345	0	%100
58	M55	Z	.199	.199	0	%100
59	M60	X	1.147	1.147	0	%100
60	M60	Z	.662	.662	0	%100
61	M61	X	.154	.154	0	%100
62	M61	Z	.089	.089	0	%100
63	M65	X	.751	.751	0	%100
64	M65	Z	.433	.433	0	%100
65	M66	X	0	0	0	%100
66	M66	Z	0	0	0	%100
67	M67	X	.645	.645	0	%100
68	M67	Z	.372	.372	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[in,...	End Location[in,%]
69	M70	X	.645	.645	0	%100
70	M70	Z	.372	.372	0	%100
71	M71	X	1.287	1.287	0	%100
72	M71	Z	.743	.743	0	%100
73	M74	X	.173	.173	0	%100
74	M74	Z	.1	.1	0	%100
75	M75	X	.173	.173	0	%100
76	M75	Z	.1	.1	0	%100
77	M79A	X	0	0	0	%100
78	M79A	Z	0	0	0	%100
79	M80A	X	.328	.328	0	%100
80	M80A	Z	.189	.189	0	%100
81	M82	X	.345	.345	0	%100
82	M82	Z	.199	.199	0	%100
83	M84A	X	0	0	0	%100
84	M84A	Z	0	0	0	%100
85	M85A	X	.328	.328	0	%100
86	M85A	Z	.189	.189	0	%100
87	M87	X	.345	.345	0	%100
88	M87	Z	.199	.199	0	%100
89	M92A	X	.309	.309	0	%100
90	M92A	Z	.179	.179	0	%100
91	M93	X	.617	.617	0	%100
92	M93	Z	.356	.356	0	%100
93	M91B	X	.152	.152	0	%100
94	M91B	Z	.088	.088	0	%100
95	M92B	X	.607	.607	0	%100
96	M92B	Z	.35	.35	0	%100
97	M93A	X	.152	.152	0	%100
98	M93A	Z	.088	.088	0	%100
99	MP2A	X	.509	.509	0	%100
100	MP2A	Z	.294	.294	0	%100
101	MP3A	X	.509	.509	0	%100
102	MP3A	Z	.294	.294	0	%100
103	MP4A	X	.509	.509	0	%100
104	MP4A	Z	.294	.294	0	%100
105	MP5A	X	.509	.509	0	%100
106	MP5A	Z	.294	.294	0	%100
107	MP1C	X	.509	.509	0	%100
108	MP1C	Z	.294	.294	0	%100
109	MP2C	X	.509	.509	0	%100
110	MP2C	Z	.294	.294	0	%100
111	MP3C	X	.509	.509	0	%100
112	MP3C	Z	.294	.294	0	%100
113	MP4C	X	.509	.509	0	%100
114	MP4C	Z	.294	.294	0	%100
115	MP5C	X	.509	.509	0	%100
116	MP5C	Z	.294	.294	0	%100
117	MP1B	X	.509	.509	0	%100
118	MP1B	Z	.294	.294	0	%100
119	MP2B	X	.509	.509	0	%100
120	MP2B	Z	.294	.294	0	%100
121	MP3B	X	.509	.509	0	%100
122	MP3B	Z	.294	.294	0	%100
123	MP4B	X	.509	.509	0	%100
124	MP4B	Z	.294	.294	0	%100
125	MP5B	X	.509	.509	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[in,...	End Location[in,%]
126	MP5B	Z	.294	.294	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[in,...	End Location[in,%]
1	FACE	X	.325	.325	0	%100
2	FACE	Z	.563	.563	0	%100
3	M4	X	.11	.11	0	%100
4	M4	Z	.191	.191	0	%100
5	M10	X	.279	.279	0	%100
6	M10	Z	.484	.484	0	%100
7	MP1A	X	.294	.294	0	%100
8	MP1A	Z	.509	.509	0	%100
9	M43	X	.279	.279	0	%100
10	M43	Z	.484	.484	0	%100
11	M46	X	.557	.557	0	%100
12	M46	Z	.965	.965	0	%100
13	M51B	X	4e-5	4e-5	0	%100
14	M51B	Z	6.9e-5	6.9e-5	0	%100
15	M52B	X	.306	.306	0	%100
16	M52B	Z	.53	.53	0	%100
17	M76	X	.186	.186	0	%100
18	M76	Z	.322	.322	0	%100
19	M77	X	0	0	0	%100
20	M77	Z	0	0	0	%100
21	M80	X	0	0	0	%100
22	M80	Z	0	0	0	%100
23	M84	X	.186	.186	0	%100
24	M84	Z	.322	.322	0	%100
25	M85	X	.567	.567	0	%100
26	M85	Z	.983	.983	0	%100
27	M91	X	.598	.598	0	%100
28	M91	Z	1.035	1.035	0	%100
29	M28	X	.34	.34	0	%100
30	M28	Z	.589	.589	0	%100
31	M29	X	.267	.267	0	%100
32	M29	Z	.462	.462	0	%100
33	M33	X	0	0	0	%100
34	M33	Z	0	0	0	%100
35	M34	X	.44	.44	0	%100
36	M34	Z	.762	.762	0	%100
37	M35	X	0	0	0	%100
38	M35	Z	0	0	0	%100
39	M38	X	0	0	0	%100
40	M38	Z	0	0	0	%100
41	M39	X	0	0	0	%100
42	M39	Z	0	0	0	%100
43	M42	X	.313	.313	0	%100
44	M42	Z	.542	.542	0	%100
45	M43A	X	.313	.313	0	%100
46	M43A	Z	.542	.542	0	%100
47	M47	X	.743	.743	0	%100
48	M47	Z	1.287	1.287	0	%100
49	M48	X	.567	.567	0	%100
50	M48	Z	.983	.983	0	%100
51	M50A	X	.598	.598	0	%100
52	M50A	Z	1.035	1.035	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[in,...	End Location[in,%]
53	M52A	X	.743	.743	0	%100
54	M52A	Z	1.287	1.287	0	%100
55	M53	X	.567	.567	0	%100
56	M53	Z	.983	.983	0	%100
57	M55	X	.598	.598	0	%100
58	M55	Z	1.035	1.035	0	%100
59	M60	X	.823	.823	0	%100
60	M60	Z	1.426	1.426	0	%100
61	M61	X	0	0	0	%100
62	M61	Z	0	0	0	%100
63	M65	X	.325	.325	0	%100
64	M65	Z	.563	.563	0	%100
65	M66	X	.11	.11	0	%100
66	M66	Z	.191	.191	0	%100
67	M67	X	.279	.279	0	%100
68	M67	Z	.484	.484	0	%100
69	M70	X	.279	.279	0	%100
70	M70	Z	.484	.484	0	%100
71	M71	X	.557	.557	0	%100
72	M71	Z	.965	.965	0	%100
73	M74	X	.306	.306	0	%100
74	M74	Z	.53	.53	0	%100
75	M75	X	4e-5	4e-5	0	%100
76	M75	Z	6.9e-5	6.9e-5	0	%100
77	M79A	X	.186	.186	0	%100
78	M79A	Z	.322	.322	0	%100
79	M80A	X	.567	.567	0	%100
80	M80A	Z	.983	.983	0	%100
81	M82	X	.598	.598	0	%100
82	M82	Z	1.035	1.035	0	%100
83	M84A	X	.186	.186	0	%100
84	M84A	Z	.322	.322	0	%100
85	M85A	X	0	0	0	%100
86	M85A	Z	0	0	0	%100
87	M87	X	0	0	0	%100
88	M87	Z	0	0	0	%100
89	M92A	X	.34	.34	0	%100
90	M92A	Z	.589	.589	0	%100
91	M93	X	.267	.267	0	%100
92	M93	Z	.462	.462	0	%100
93	M91B	X	0	0	0	%100
94	M91B	Z	0	0	0	%100
95	M92B	X	.263	.263	0	%100
96	M92B	Z	.455	.455	0	%100
97	M93A	X	.263	.263	0	%100
98	M93A	Z	.455	.455	0	%100
99	MP2A	X	.294	.294	0	%100
100	MP2A	Z	.509	.509	0	%100
101	MP3A	X	.294	.294	0	%100
102	MP3A	Z	.509	.509	0	%100
103	MP4A	X	.294	.294	0	%100
104	MP4A	Z	.509	.509	0	%100
105	MP5A	X	.294	.294	0	%100
106	MP5A	Z	.509	.509	0	%100
107	MP1C	X	.294	.294	0	%100
108	MP1C	Z	.509	.509	0	%100
109	MP2C	X	.294	.294	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[in,...	End Location[in,%]
110	MP2C	Z	.509	.509	0	%100
111	MP3C	X	.294	.294	0	%100
112	MP3C	Z	.509	.509	0	%100
113	MP4C	X	.294	.294	0	%100
114	MP4C	Z	.509	.509	0	%100
115	MP5C	X	.294	.294	0	%100
116	MP5C	Z	.509	.509	0	%100
117	MP1B	X	.294	.294	0	%100
118	MP1B	Z	.509	.509	0	%100
119	MP2B	X	.294	.294	0	%100
120	MP2B	Z	.509	.509	0	%100
121	MP3B	X	.294	.294	0	%100
122	MP3B	Z	.509	.509	0	%100
123	MP4B	X	.294	.294	0	%100
124	MP4B	Z	.509	.509	0	%100
125	MP5B	X	.294	.294	0	%100
126	MP5B	Z	.509	.509	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[in,...	End Location[in,%]
1	FACE	X	0	0	0	%100
2	FACE	Z	.867	.867	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	.745	.745	0	%100
7	MP1A	X	0	0	0	%100
8	MP1A	Z	.588	.588	0	%100
9	M43	X	0	0	0	%100
10	M43	Z	.745	.745	0	%100
11	M46	X	0	0	0	%100
12	M46	Z	1.486	1.486	0	%100
13	M51B	X	0	0	0	%100
14	M51B	Z	.199	.199	0	%100
15	M52B	X	0	0	0	%100
16	M52B	Z	.199	.199	0	%100
17	M76	X	0	0	0	%100
18	M76	Z	0	0	0	%100
19	M77	X	0	0	0	%100
20	M77	Z	.378	.378	0	%100
21	M80	X	0	0	0	%100
22	M80	Z	.398	.398	0	%100
23	M84	X	0	0	0	%100
24	M84	Z	0	0	0	%100
25	M85	X	0	0	0	%100
26	M85	Z	.378	.378	0	%100
27	M91	X	0	0	0	%100
28	M91	Z	.398	.398	0	%100
29	M28	X	0	0	0	%100
30	M28	Z	.357	.357	0	%100
31	M29	X	0	0	0	%100
32	M29	Z	.712	.712	0	%100
33	M33	X	0	0	0	%100
34	M33	Z	.217	.217	0	%100
35	M34	X	0	0	0	%100
36	M34	Z	.66	.66	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[in,...	End Location[in,%]
37	M35	X	0	0	0	%100
38	M35	Z	.186	.186	0	%100
39	M38	X	0	0	0	%100
40	M38	Z	.186	.186	0	%100
41	M39	X	0	0	0	%100
42	M39	Z	.371	.371	0	%100
43	M42	X	0	0	0	%100
44	M42	Z	.213	.213	0	%100
45	M43A	X	0	0	0	%100
46	M43A	Z	.825	.825	0	%100
47	M47	X	0	0	0	%100
48	M47	Z	1.114	1.114	0	%100
49	M48	X	0	0	0	%100
50	M48	Z	.378	.378	0	%100
51	M50A	X	0	0	0	%100
52	M50A	Z	.398	.398	0	%100
53	M52A	X	0	0	0	%100
54	M52A	Z	1.114	1.114	0	%100
55	M53	X	0	0	0	%100
56	M53	Z	1.513	1.513	0	%100
57	M55	X	0	0	0	%100
58	M55	Z	1.594	1.594	0	%100
59	M60	X	0	0	0	%100
60	M60	Z	1.324	1.324	0	%100
61	M61	X	0	0	0	%100
62	M61	Z	.178	.178	0	%100
63	M65	X	0	0	0	%100
64	M65	Z	.217	.217	0	%100
65	M66	X	0	0	0	%100
66	M66	Z	.66	.66	0	%100
67	M67	X	0	0	0	%100
68	M67	Z	.186	.186	0	%100
69	M70	X	0	0	0	%100
70	M70	Z	.186	.186	0	%100
71	M71	X	0	0	0	%100
72	M71	Z	.371	.371	0	%100
73	M74	X	0	0	0	%100
74	M74	Z	.825	.825	0	%100
75	M75	X	0	0	0	%100
76	M75	Z	.213	.213	0	%100
77	M79A	X	0	0	0	%100
78	M79A	Z	1.114	1.114	0	%100
79	M80A	X	0	0	0	%100
80	M80A	Z	1.513	1.513	0	%100
81	M82	X	0	0	0	%100
82	M82	Z	1.594	1.594	0	%100
83	M84A	X	0	0	0	%100
84	M84A	Z	1.114	1.114	0	%100
85	M85A	X	0	0	0	%100
86	M85A	Z	.378	.378	0	%100
87	M87	X	0	0	0	%100
88	M87	Z	.398	.398	0	%100
89	M92A	X	0	0	0	%100
90	M92A	Z	1.324	1.324	0	%100
91	M93	X	0	0	0	%100
92	M93	Z	.178	.178	0	%100
93	M91B	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[in,...	End Location[in,%]
94	M91B	Z	.175	.175	0	%100
95	M92B	X	0	0	0	%100
96	M92B	Z	.175	.175	0	%100
97	M93A	X	0	0	0	%100
98	M93A	Z	.7	.7	0	%100
99	MP2A	X	0	0	0	%100
100	MP2A	Z	.588	.588	0	%100
101	MP3A	X	0	0	0	%100
102	MP3A	Z	.588	.588	0	%100
103	MP4A	X	0	0	0	%100
104	MP4A	Z	.588	.588	0	%100
105	MP5A	X	0	0	0	%100
106	MP5A	Z	.588	.588	0	%100
107	MP1C	X	0	0	0	%100
108	MP1C	Z	.588	.588	0	%100
109	MP2C	X	0	0	0	%100
110	MP2C	Z	.588	.588	0	%100
111	MP3C	X	0	0	0	%100
112	MP3C	Z	.588	.588	0	%100
113	MP4C	X	0	0	0	%100
114	MP4C	Z	.588	.588	0	%100
115	MP5C	X	0	0	0	%100
116	MP5C	Z	.588	.588	0	%100
117	MP1B	X	0	0	0	%100
118	MP1B	Z	.588	.588	0	%100
119	MP2B	X	0	0	0	%100
120	MP2B	Z	.588	.588	0	%100
121	MP3B	X	0	0	0	%100
122	MP3B	Z	.588	.588	0	%100
123	MP4B	X	0	0	0	%100
124	MP4B	Z	.588	.588	0	%100
125	MP5B	X	0	0	0	%100
126	MP5B	Z	.588	.588	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[in,...	End Location[in,%]
1	FACE	X	-.325	-.325	0	%100
2	FACE	Z	.563	.563	0	%100
3	M4	X	-.11	-.11	0	%100
4	M4	Z	.191	.191	0	%100
5	M10	X	-.279	-.279	0	%100
6	M10	Z	.484	.484	0	%100
7	MP1A	X	-.294	-.294	0	%100
8	MP1A	Z	.509	.509	0	%100
9	M43	X	-.279	-.279	0	%100
10	M43	Z	.484	.484	0	%100
11	M46	X	-.557	-.557	0	%100
12	M46	Z	.965	.965	0	%100
13	M51B	X	-.306	-.306	0	%100
14	M51B	Z	.53	.53	0	%100
15	M52B	X	-4e-5	-4e-5	0	%100
16	M52B	Z	6.9e-5	6.9e-5	0	%100
17	M76	X	-.186	-.186	0	%100
18	M76	Z	.322	.322	0	%100
19	M77	X	-.567	-.567	0	%100
20	M77	Z	.983	.983	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[in,...	End Location[in,%]
21	M80	X	-.598	-.598	0	%100
22	M80	Z	1.035	1.035	0	%100
23	M84	X	-.186	-.186	0	%100
24	M84	Z	.322	.322	0	%100
25	M85	X	0	0	0	%100
26	M85	Z	0	0	0	%100
27	M91	X	0	0	0	%100
28	M91	Z	0	0	0	%100
29	M28	X	-.34	-.34	0	%100
30	M28	Z	.589	.589	0	%100
31	M29	X	-.267	-.267	0	%100
32	M29	Z	.462	.462	0	%100
33	M33	X	-.325	-.325	0	%100
34	M33	Z	.563	.563	0	%100
35	M34	X	-.11	-.11	0	%100
36	M34	Z	.191	.191	0	%100
37	M35	X	-.279	-.279	0	%100
38	M35	Z	.484	.484	0	%100
39	M38	X	-.279	-.279	0	%100
40	M38	Z	.484	.484	0	%100
41	M39	X	-.557	-.557	0	%100
42	M39	Z	.965	.965	0	%100
43	M42	X	-4e-5	-4e-5	0	%100
44	M42	Z	6.9e-5	6.9e-5	0	%100
45	M43A	X	-.306	-.306	0	%100
46	M43A	Z	.53	.53	0	%100
47	M47	X	-.186	-.186	0	%100
48	M47	Z	.322	.322	0	%100
49	M48	X	0	0	0	%100
50	M48	Z	0	0	0	%100
51	M50A	X	0	0	0	%100
52	M50A	Z	0	0	0	%100
53	M52A	X	-.186	-.186	0	%100
54	M52A	Z	.322	.322	0	%100
55	M53	X	-.567	-.567	0	%100
56	M53	Z	.983	.983	0	%100
57	M55	X	-.598	-.598	0	%100
58	M55	Z	1.035	1.035	0	%100
59	M60	X	-.34	-.34	0	%100
60	M60	Z	.589	.589	0	%100
61	M61	X	-.267	-.267	0	%100
62	M61	Z	.462	.462	0	%100
63	M65	X	0	0	0	%100
64	M65	Z	0	0	0	%100
65	M66	X	-.44	-.44	0	%100
66	M66	Z	.762	.762	0	%100
67	M67	X	0	0	0	%100
68	M67	Z	0	0	0	%100
69	M70	X	0	0	0	%100
70	M70	Z	0	0	0	%100
71	M71	X	0	0	0	%100
72	M71	Z	0	0	0	%100
73	M74	X	-.313	-.313	0	%100
74	M74	Z	.542	.542	0	%100
75	M75	X	-.313	-.313	0	%100
76	M75	Z	.542	.542	0	%100
77	M79A	X	-.743	-.743	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[in,...	End Location[in,%]
78	M79A	Z	1.287	1.287	0	%100
79	M80A	X	-.567	-.567	0	%100
80	M80A	Z	.983	.983	0	%100
81	M82	X	-.598	-.598	0	%100
82	M82	Z	1.035	1.035	0	%100
83	M84A	X	-.743	-.743	0	%100
84	M84A	Z	1.287	1.287	0	%100
85	M85A	X	-.567	-.567	0	%100
86	M85A	Z	.983	.983	0	%100
87	M87	X	-.598	-.598	0	%100
88	M87	Z	1.035	1.035	0	%100
89	M92A	X	-.823	-.823	0	%100
90	M92A	Z	1.426	1.426	0	%100
91	M93	X	0	0	0	%100
92	M93	Z	0	0	0	%100
93	M91B	X	-.263	-.263	0	%100
94	M91B	Z	.455	.455	0	%100
95	M92B	X	0	0	0	%100
96	M92B	Z	0	0	0	%100
97	M93A	X	-.263	-.263	0	%100
98	M93A	Z	.455	.455	0	%100
99	MP2A	X	-.294	-.294	0	%100
100	MP2A	Z	.509	.509	0	%100
101	MP3A	X	-.294	-.294	0	%100
102	MP3A	Z	.509	.509	0	%100
103	MP4A	X	-.294	-.294	0	%100
104	MP4A	Z	.509	.509	0	%100
105	MP5A	X	-.294	-.294	0	%100
106	MP5A	Z	.509	.509	0	%100
107	MP1C	X	-.294	-.294	0	%100
108	MP1C	Z	.509	.509	0	%100
109	MP2C	X	-.294	-.294	0	%100
110	MP2C	Z	.509	.509	0	%100
111	MP3C	X	-.294	-.294	0	%100
112	MP3C	Z	.509	.509	0	%100
113	MP4C	X	-.294	-.294	0	%100
114	MP4C	Z	.509	.509	0	%100
115	MP5C	X	-.294	-.294	0	%100
116	MP5C	Z	.509	.509	0	%100
117	MP1B	X	-.294	-.294	0	%100
118	MP1B	Z	.509	.509	0	%100
119	MP2B	X	-.294	-.294	0	%100
120	MP2B	Z	.509	.509	0	%100
121	MP3B	X	-.294	-.294	0	%100
122	MP3B	Z	.509	.509	0	%100
123	MP4B	X	-.294	-.294	0	%100
124	MP4B	Z	.509	.509	0	%100
125	MP5B	X	-.294	-.294	0	%100
126	MP5B	Z	.509	.509	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[in,...	End Location[in,%]
1	FACE	X	-.188	-.188	0	%100
2	FACE	Z	.108	.108	0	%100
3	M4	X	-.572	-.572	0	%100
4	M4	Z	.33	.33	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[in,...	End Location[in,%]
5	M10	X	-.161	-.161	0	%100
6	M10	Z	.093	.093	0	%100
7	MP1A	X	-.509	-.509	0	%100
8	MP1A	Z	.294	.294	0	%100
9	M43	X	-.161	-.161	0	%100
10	M43	Z	.093	.093	0	%100
11	M46	X	-.322	-.322	0	%100
12	M46	Z	.186	.186	0	%100
13	M51B	X	-.715	-.715	0	%100
14	M51B	Z	.413	.413	0	%100
15	M52B	X	-.185	-.185	0	%100
16	M52B	Z	.107	.107	0	%100
17	M76	X	-.965	-.965	0	%100
18	M76	Z	.557	.557	0	%100
19	M77	X	-1.31	-1.31	0	%100
20	M77	Z	.757	.757	0	%100
21	M80	X	-1.38	-1.38	0	%100
22	M80	Z	.797	.797	0	%100
23	M84	X	-.965	-.965	0	%100
24	M84	Z	.557	.557	0	%100
25	M85	X	-.328	-.328	0	%100
26	M85	Z	.189	.189	0	%100
27	M91	X	-.345	-.345	0	%100
28	M91	Z	.199	.199	0	%100
29	M28	X	-1.147	-1.147	0	%100
30	M28	Z	.662	.662	0	%100
31	M29	X	-.154	-.154	0	%100
32	M29	Z	.089	.089	0	%100
33	M33	X	-.751	-.751	0	%100
34	M33	Z	.433	.433	0	%100
35	M34	X	0	0	0	%100
36	M34	Z	0	0	0	%100
37	M35	X	-.645	-.645	0	%100
38	M35	Z	.372	.372	0	%100
39	M38	X	-.645	-.645	0	%100
40	M38	Z	.372	.372	0	%100
41	M39	X	-1.287	-1.287	0	%100
42	M39	Z	.743	.743	0	%100
43	M42	X	-.173	-.173	0	%100
44	M42	Z	.1	.1	0	%100
45	M43A	X	-.173	-.173	0	%100
46	M43A	Z	.1	.1	0	%100
47	M47	X	0	0	0	%100
48	M47	Z	0	0	0	%100
49	M48	X	-.328	-.328	0	%100
50	M48	Z	.189	.189	0	%100
51	M50A	X	-.345	-.345	0	%100
52	M50A	Z	.199	.199	0	%100
53	M52A	X	0	0	0	%100
54	M52A	Z	0	0	0	%100
55	M53	X	-.328	-.328	0	%100
56	M53	Z	.189	.189	0	%100
57	M55	X	-.345	-.345	0	%100
58	M55	Z	.199	.199	0	%100
59	M60	X	-.309	-.309	0	%100
60	M60	Z	.179	.179	0	%100
61	M61	X	-.617	-.617	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[in,...	End Location[in,%]
62	M61	Z	.356	.356	0	%100
63	M65	X	-.188	-.188	0	%100
64	M65	Z	.108	.108	0	%100
65	M66	X	-.572	-.572	0	%100
66	M66	Z	.33	.33	0	%100
67	M67	X	-.161	-.161	0	%100
68	M67	Z	.093	.093	0	%100
69	M70	X	-.161	-.161	0	%100
70	M70	Z	.093	.093	0	%100
71	M71	X	-.322	-.322	0	%100
72	M71	Z	.186	.186	0	%100
73	M74	X	-.185	-.185	0	%100
74	M74	Z	.107	.107	0	%100
75	M75	X	-.715	-.715	0	%100
76	M75	Z	.413	.413	0	%100
77	M79A	X	-.965	-.965	0	%100
78	M79A	Z	.557	.557	0	%100
79	M80A	X	-.328	-.328	0	%100
80	M80A	Z	.189	.189	0	%100
81	M82	X	-.345	-.345	0	%100
82	M82	Z	.199	.199	0	%100
83	M84A	X	-.965	-.965	0	%100
84	M84A	Z	.557	.557	0	%100
85	M85A	X	-1.31	-1.31	0	%100
86	M85A	Z	.757	.757	0	%100
87	M87	X	-1.38	-1.38	0	%100
88	M87	Z	.797	.797	0	%100
89	M92A	X	-1.147	-1.147	0	%100
90	M92A	Z	.662	.662	0	%100
91	M93	X	-.154	-.154	0	%100
92	M93	Z	.089	.089	0	%100
93	M91B	X	-.607	-.607	0	%100
94	M91B	Z	.35	.35	0	%100
95	M92B	X	-.152	-.152	0	%100
96	M92B	Z	.088	.088	0	%100
97	M93A	X	-.152	-.152	0	%100
98	M93A	Z	.088	.088	0	%100
99	MP2A	X	-.509	-.509	0	%100
100	MP2A	Z	.294	.294	0	%100
101	MP3A	X	-.509	-.509	0	%100
102	MP3A	Z	.294	.294	0	%100
103	MP4A	X	-.509	-.509	0	%100
104	MP4A	Z	.294	.294	0	%100
105	MP5A	X	-.509	-.509	0	%100
106	MP5A	Z	.294	.294	0	%100
107	MP1C	X	-.509	-.509	0	%100
108	MP1C	Z	.294	.294	0	%100
109	MP2C	X	-.509	-.509	0	%100
110	MP2C	Z	.294	.294	0	%100
111	MP3C	X	-.509	-.509	0	%100
112	MP3C	Z	.294	.294	0	%100
113	MP4C	X	-.509	-.509	0	%100
114	MP4C	Z	.294	.294	0	%100
115	MP5C	X	-.509	-.509	0	%100
116	MP5C	Z	.294	.294	0	%100
117	MP1B	X	-.509	-.509	0	%100
118	MP1B	Z	.294	.294	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[in,...	End Location[in,%]
119	MP2B	X	-.509	-.509	0	%100
120	MP2B	Z	.294	.294	0	%100
121	MP3B	X	-.509	-.509	0	%100
122	MP3B	Z	.294	.294	0	%100
123	MP4B	X	-.509	-.509	0	%100
124	MP4B	Z	.294	.294	0	%100
125	MP5B	X	-.509	-.509	0	%100
126	MP5B	Z	.294	.294	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[in,...	End Location[in,%]
1	FACE	X	0	0	0	%100
2	FACE	Z	0	0	0	%100
3	M4	X	-.88	-.88	0	%100
4	M4	Z	0	0	0	%100
5	M10	X	0	0	0	%100
6	M10	Z	0	0	0	%100
7	MP1A	X	-.588	-.588	0	%100
8	MP1A	Z	0	0	0	%100
9	M43	X	0	0	0	%100
10	M43	Z	0	0	0	%100
11	M46	X	0	0	0	%100
12	M46	Z	0	0	0	%100
13	M51B	X	-.626	-.626	0	%100
14	M51B	Z	0	0	0	%100
15	M52B	X	-.626	-.626	0	%100
16	M52B	Z	0	0	0	%100
17	M76	X	-1.486	-1.486	0	%100
18	M76	Z	0	0	0	%100
19	M77	X	-1.135	-1.135	0	%100
20	M77	Z	0	0	0	%100
21	M80	X	-1.195	-1.195	0	%100
22	M80	Z	0	0	0	%100
23	M84	X	-1.486	-1.486	0	%100
24	M84	Z	0	0	0	%100
25	M85	X	-1.135	-1.135	0	%100
26	M85	Z	0	0	0	%100
27	M91	X	-1.195	-1.195	0	%100
28	M91	Z	0	0	0	%100
29	M28	X	-1.647	-1.647	0	%100
30	M28	Z	0	0	0	%100
31	M29	X	0	0	0	%100
32	M29	Z	0	0	0	%100
33	M33	X	-.65	-.65	0	%100
34	M33	Z	0	0	0	%100
35	M34	X	-.22	-.22	0	%100
36	M34	Z	0	0	0	%100
37	M35	X	-.559	-.559	0	%100
38	M35	Z	0	0	0	%100
39	M38	X	-.559	-.559	0	%100
40	M38	Z	0	0	0	%100
41	M39	X	-1.114	-1.114	0	%100
42	M39	Z	0	0	0	%100
43	M42	X	-.612	-.612	0	%100
44	M42	Z	0	0	0	%100
45	M43A	X	-8e-5	-8e-5	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[in,...	End Location[in,%]
46	M43A	Z	0	0	0	%100
47	M47	X	-.371	-.371	0	%100
48	M47	Z	0	0	0	%100
49	M48	X	-1.135	-1.135	0	%100
50	M48	Z	0	0	0	%100
51	M50A	X	-1.195	-1.195	0	%100
52	M50A	Z	0	0	0	%100
53	M52A	X	-.371	-.371	0	%100
54	M52A	Z	0	0	0	%100
55	M53	X	0	0	0	%100
56	M53	Z	0	0	0	%100
57	M55	X	0	0	0	%100
58	M55	Z	0	0	0	%100
59	M60	X	-.68	-.68	0	%100
60	M60	Z	0	0	0	%100
61	M61	X	-.534	-.534	0	%100
62	M61	Z	0	0	0	%100
63	M65	X	-.65	-.65	0	%100
64	M65	Z	0	0	0	%100
65	M66	X	-.22	-.22	0	%100
66	M66	Z	0	0	0	%100
67	M67	X	-.559	-.559	0	%100
68	M67	Z	0	0	0	%100
69	M70	X	-.559	-.559	0	%100
70	M70	Z	0	0	0	%100
71	M71	X	-1.114	-1.114	0	%100
72	M71	Z	0	0	0	%100
73	M74	X	-8e-5	-8e-5	0	%100
74	M74	Z	0	0	0	%100
75	M75	X	-.612	-.612	0	%100
76	M75	Z	0	0	0	%100
77	M79A	X	-.371	-.371	0	%100
78	M79A	Z	0	0	0	%100
79	M80A	X	0	0	0	%100
80	M80A	Z	0	0	0	%100
81	M82	X	0	0	0	%100
82	M82	Z	0	0	0	%100
83	M84A	X	-.371	-.371	0	%100
84	M84A	Z	0	0	0	%100
85	M85A	X	-1.135	-1.135	0	%100
86	M85A	Z	0	0	0	%100
87	M87	X	-1.195	-1.195	0	%100
88	M87	Z	0	0	0	%100
89	M92A	X	-.68	-.68	0	%100
90	M92A	Z	0	0	0	%100
91	M93	X	-.534	-.534	0	%100
92	M93	Z	0	0	0	%100
93	M91B	X	-.525	-.525	0	%100
94	M91B	Z	0	0	0	%100
95	M92B	X	-.525	-.525	0	%100
96	M92B	Z	0	0	0	%100
97	M93A	X	0	0	0	%100
98	M93A	Z	0	0	0	%100
99	MP2A	X	-.588	-.588	0	%100
100	MP2A	Z	0	0	0	%100
101	MP3A	X	-.588	-.588	0	%100
102	MP3A	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[in,...	End Location[in,%]
103	MP4A	X	-.588	-.588	0	%100
104	MP4A	Z	0	0	0	%100
105	MP5A	X	-.588	-.588	0	%100
106	MP5A	Z	0	0	0	%100
107	MP1C	X	-.588	-.588	0	%100
108	MP1C	Z	0	0	0	%100
109	MP2C	X	-.588	-.588	0	%100
110	MP2C	Z	0	0	0	%100
111	MP3C	X	-.588	-.588	0	%100
112	MP3C	Z	0	0	0	%100
113	MP4C	X	-.588	-.588	0	%100
114	MP4C	Z	0	0	0	%100
115	MP5C	X	-.588	-.588	0	%100
116	MP5C	Z	0	0	0	%100
117	MP1B	X	-.588	-.588	0	%100
118	MP1B	Z	0	0	0	%100
119	MP2B	X	-.588	-.588	0	%100
120	MP2B	Z	0	0	0	%100
121	MP3B	X	-.588	-.588	0	%100
122	MP3B	Z	0	0	0	%100
123	MP4B	X	-.588	-.588	0	%100
124	MP4B	Z	0	0	0	%100
125	MP5B	X	-.588	-.588	0	%100
126	MP5B	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[in,...	End Location[in,%]
1	FACE	X	-.188	-.188	0	%100
2	FACE	Z	-.108	-.108	0	%100
3	M4	X	-.572	-.572	0	%100
4	M4	Z	-.33	-.33	0	%100
5	M10	X	-.161	-.161	0	%100
6	M10	Z	-.093	-.093	0	%100
7	MP1A	X	-.509	-.509	0	%100
8	MP1A	Z	-.294	-.294	0	%100
9	M43	X	-.161	-.161	0	%100
10	M43	Z	-.093	-.093	0	%100
11	M46	X	-.322	-.322	0	%100
12	M46	Z	-.186	-.186	0	%100
13	M51B	X	-.185	-.185	0	%100
14	M51B	Z	-.107	-.107	0	%100
15	M52B	X	-.715	-.715	0	%100
16	M52B	Z	-.413	-.413	0	%100
17	M76	X	-.965	-.965	0	%100
18	M76	Z	-.557	-.557	0	%100
19	M77	X	-.328	-.328	0	%100
20	M77	Z	-.189	-.189	0	%100
21	M80	X	-.345	-.345	0	%100
22	M80	Z	-.199	-.199	0	%100
23	M84	X	-.965	-.965	0	%100
24	M84	Z	-.557	-.557	0	%100
25	M85	X	-1.31	-1.31	0	%100
26	M85	Z	-.757	-.757	0	%100
27	M91	X	-1.38	-1.38	0	%100
28	M91	Z	-.797	-.797	0	%100
29	M28	X	-1.147	-1.147	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[in,...	End Location[in,%]
30	M28	Z	-.662	-.662	0	%100
31	M29	X	-.154	-.154	0	%100
32	M29	Z	-.089	-.089	0	%100
33	M33	X	-.188	-.188	0	%100
34	M33	Z	-.108	-.108	0	%100
35	M34	X	-.572	-.572	0	%100
36	M34	Z	-.33	-.33	0	%100
37	M35	X	-.161	-.161	0	%100
38	M35	Z	-.093	-.093	0	%100
39	M38	X	-.161	-.161	0	%100
40	M38	Z	-.093	-.093	0	%100
41	M39	X	-.322	-.322	0	%100
42	M39	Z	-.186	-.186	0	%100
43	M42	X	-.715	-.715	0	%100
44	M42	Z	-.413	-.413	0	%100
45	M43A	X	-.185	-.185	0	%100
46	M43A	Z	-.107	-.107	0	%100
47	M47	X	-.965	-.965	0	%100
48	M47	Z	-.557	-.557	0	%100
49	M48	X	-1.31	-1.31	0	%100
50	M48	Z	-.757	-.757	0	%100
51	M50A	X	-1.38	-1.38	0	%100
52	M50A	Z	-.797	-.797	0	%100
53	M52A	X	-.965	-.965	0	%100
54	M52A	Z	-.557	-.557	0	%100
55	M53	X	-.328	-.328	0	%100
56	M53	Z	-.189	-.189	0	%100
57	M55	X	-.345	-.345	0	%100
58	M55	Z	-.199	-.199	0	%100
59	M60	X	-1.147	-1.147	0	%100
60	M60	Z	-.662	-.662	0	%100
61	M61	X	-.154	-.154	0	%100
62	M61	Z	-.089	-.089	0	%100
63	M65	X	-.751	-.751	0	%100
64	M65	Z	-.433	-.433	0	%100
65	M66	X	0	0	0	%100
66	M66	Z	0	0	0	%100
67	M67	X	-.645	-.645	0	%100
68	M67	Z	-.372	-.372	0	%100
69	M70	X	-.645	-.645	0	%100
70	M70	Z	-.372	-.372	0	%100
71	M71	X	-1.287	-1.287	0	%100
72	M71	Z	-.743	-.743	0	%100
73	M74	X	-.173	-.173	0	%100
74	M74	Z	-.1	-.1	0	%100
75	M75	X	-.173	-.173	0	%100
76	M75	Z	-.1	-.1	0	%100
77	M79A	X	0	0	0	%100
78	M79A	Z	0	0	0	%100
79	M80A	X	-.328	-.328	0	%100
80	M80A	Z	-.189	-.189	0	%100
81	M82	X	-.345	-.345	0	%100
82	M82	Z	-.199	-.199	0	%100
83	M84A	X	0	0	0	%100
84	M84A	Z	0	0	0	%100
85	M85A	X	-.328	-.328	0	%100
86	M85A	Z	-.189	-.189	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[in,...	End Location[in,%]
87	M87	X	-.345	-.345	0	%100
88	M87	Z	-.199	-.199	0	%100
89	M92A	X	-.309	-.309	0	%100
90	M92A	Z	-.179	-.179	0	%100
91	M93	X	-.617	-.617	0	%100
92	M93	Z	-.356	-.356	0	%100
93	M91B	X	-.152	-.152	0	%100
94	M91B	Z	-.088	-.088	0	%100
95	M92B	X	-.607	-.607	0	%100
96	M92B	Z	-.35	-.35	0	%100
97	M93A	X	-.152	-.152	0	%100
98	M93A	Z	-.088	-.088	0	%100
99	MP2A	X	-.509	-.509	0	%100
100	MP2A	Z	-.294	-.294	0	%100
101	MP3A	X	-.509	-.509	0	%100
102	MP3A	Z	-.294	-.294	0	%100
103	MP4A	X	-.509	-.509	0	%100
104	MP4A	Z	-.294	-.294	0	%100
105	MP5A	X	-.509	-.509	0	%100
106	MP5A	Z	-.294	-.294	0	%100
107	MP1C	X	-.509	-.509	0	%100
108	MP1C	Z	-.294	-.294	0	%100
109	MP2C	X	-.509	-.509	0	%100
110	MP2C	Z	-.294	-.294	0	%100
111	MP3C	X	-.509	-.509	0	%100
112	MP3C	Z	-.294	-.294	0	%100
113	MP4C	X	-.509	-.509	0	%100
114	MP4C	Z	-.294	-.294	0	%100
115	MP5C	X	-.509	-.509	0	%100
116	MP5C	Z	-.294	-.294	0	%100
117	MP1B	X	-.509	-.509	0	%100
118	MP1B	Z	-.294	-.294	0	%100
119	MP2B	X	-.509	-.509	0	%100
120	MP2B	Z	-.294	-.294	0	%100
121	MP3B	X	-.509	-.509	0	%100
122	MP3B	Z	-.294	-.294	0	%100
123	MP4B	X	-.509	-.509	0	%100
124	MP4B	Z	-.294	-.294	0	%100
125	MP5B	X	-.509	-.509	0	%100
126	MP5B	Z	-.294	-.294	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[in,...	End Location[in,%]
1	FACE	X	-.325	-.325	0	%100
2	FACE	Z	-.563	-.563	0	%100
3	M4	X	-.11	-.11	0	%100
4	M4	Z	-.191	-.191	0	%100
5	M10	X	-.279	-.279	0	%100
6	M10	Z	-.484	-.484	0	%100
7	MP1A	X	-.294	-.294	0	%100
8	MP1A	Z	-.509	-.509	0	%100
9	M43	X	-.279	-.279	0	%100
10	M43	Z	-.484	-.484	0	%100
11	M46	X	-.557	-.557	0	%100
12	M46	Z	-.965	-.965	0	%100
13	M51B	X	-4e-5	-4e-5	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[in,...	End Location[in,%]
14	M51B	Z	-6.9e-5	-6.9e-5	0	%100
15	M52B	X	-.306	-.306	0	%100
16	M52B	Z	-.53	-.53	0	%100
17	M76	X	-.186	-.186	0	%100
18	M76	Z	-.322	-.322	0	%100
19	M77	X	0	0	0	%100
20	M77	Z	0	0	0	%100
21	M80	X	0	0	0	%100
22	M80	Z	0	0	0	%100
23	M84	X	-.186	-.186	0	%100
24	M84	Z	-.322	-.322	0	%100
25	M85	X	-.567	-.567	0	%100
26	M85	Z	-.983	-.983	0	%100
27	M91	X	-.598	-.598	0	%100
28	M91	Z	-1.035	-1.035	0	%100
29	M28	X	-.34	-.34	0	%100
30	M28	Z	-.589	-.589	0	%100
31	M29	X	-.267	-.267	0	%100
32	M29	Z	-.462	-.462	0	%100
33	M33	X	0	0	0	%100
34	M33	Z	0	0	0	%100
35	M34	X	-.44	-.44	0	%100
36	M34	Z	-.762	-.762	0	%100
37	M35	X	0	0	0	%100
38	M35	Z	0	0	0	%100
39	M38	X	0	0	0	%100
40	M38	Z	0	0	0	%100
41	M39	X	0	0	0	%100
42	M39	Z	0	0	0	%100
43	M42	X	-.313	-.313	0	%100
44	M42	Z	-.542	-.542	0	%100
45	M43A	X	-.313	-.313	0	%100
46	M43A	Z	-.542	-.542	0	%100
47	M47	X	-.743	-.743	0	%100
48	M47	Z	-1.287	-1.287	0	%100
49	M48	X	-.567	-.567	0	%100
50	M48	Z	-.983	-.983	0	%100
51	M50A	X	-.598	-.598	0	%100
52	M50A	Z	-1.035	-1.035	0	%100
53	M52A	X	-.743	-.743	0	%100
54	M52A	Z	-1.287	-1.287	0	%100
55	M53	X	-.567	-.567	0	%100
56	M53	Z	-.983	-.983	0	%100
57	M55	X	-.598	-.598	0	%100
58	M55	Z	-1.035	-1.035	0	%100
59	M60	X	-.823	-.823	0	%100
60	M60	Z	-1.426	-1.426	0	%100
61	M61	X	0	0	0	%100
62	M61	Z	0	0	0	%100
63	M65	X	-.325	-.325	0	%100
64	M65	Z	-.563	-.563	0	%100
65	M66	X	-.11	-.11	0	%100
66	M66	Z	-.191	-.191	0	%100
67	M67	X	-.279	-.279	0	%100
68	M67	Z	-.484	-.484	0	%100
69	M70	X	-.279	-.279	0	%100
70	M70	Z	-.484	-.484	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[in,...	End Location[in,%]
71	M71	X	-.557	-.557	0	%100
72	M71	Z	-.965	-.965	0	%100
73	M74	X	-.306	-.306	0	%100
74	M74	Z	-.53	-.53	0	%100
75	M75	X	-4e-5	-4e-5	0	%100
76	M75	Z	-6.9e-5	-6.9e-5	0	%100
77	M79A	X	-.186	-.186	0	%100
78	M79A	Z	-.322	-.322	0	%100
79	M80A	X	-.567	-.567	0	%100
80	M80A	Z	-.983	-.983	0	%100
81	M82	X	-.598	-.598	0	%100
82	M82	Z	-1.035	-1.035	0	%100
83	M84A	X	-.186	-.186	0	%100
84	M84A	Z	-.322	-.322	0	%100
85	M85A	X	0	0	0	%100
86	M85A	Z	0	0	0	%100
87	M87	X	0	0	0	%100
88	M87	Z	0	0	0	%100
89	M92A	X	-.34	-.34	0	%100
90	M92A	Z	-.589	-.589	0	%100
91	M93	X	-.267	-.267	0	%100
92	M93	Z	-.462	-.462	0	%100
93	M91B	X	0	0	0	%100
94	M91B	Z	0	0	0	%100
95	M92B	X	-.263	-.263	0	%100
96	M92B	Z	-.455	-.455	0	%100
97	M93A	X	-.263	-.263	0	%100
98	M93A	Z	-.455	-.455	0	%100
99	MP2A	X	-.294	-.294	0	%100
100	MP2A	Z	-.509	-.509	0	%100
101	MP3A	X	-.294	-.294	0	%100
102	MP3A	Z	-.509	-.509	0	%100
103	MP4A	X	-.294	-.294	0	%100
104	MP4A	Z	-.509	-.509	0	%100
105	MP5A	X	-.294	-.294	0	%100
106	MP5A	Z	-.509	-.509	0	%100
107	MP1C	X	-.294	-.294	0	%100
108	MP1C	Z	-.509	-.509	0	%100
109	MP2C	X	-.294	-.294	0	%100
110	MP2C	Z	-.509	-.509	0	%100
111	MP3C	X	-.294	-.294	0	%100
112	MP3C	Z	-.509	-.509	0	%100
113	MP4C	X	-.294	-.294	0	%100
114	MP4C	Z	-.509	-.509	0	%100
115	MP5C	X	-.294	-.294	0	%100
116	MP5C	Z	-.509	-.509	0	%100
117	MP1B	X	-.294	-.294	0	%100
118	MP1B	Z	-.509	-.509	0	%100
119	MP2B	X	-.294	-.294	0	%100
120	MP2B	Z	-.509	-.509	0	%100
121	MP3B	X	-.294	-.294	0	%100
122	MP3B	Z	-.509	-.509	0	%100
123	MP4B	X	-.294	-.294	0	%100
124	MP4B	Z	-.509	-.509	0	%100
125	MP5B	X	-.294	-.294	0	%100
126	MP5B	Z	-.509	-.509	0	%100

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[in,...	End Location[in,%]
1	M42	Y	-1.628	-4.168	0	10.162
2	M42	Y	-4.168	-6.666	10.162	20.324
3	M42	Y	-6.666	-7.845	20.324	30.486
4	M42	Y	-7.845	-6.324	30.486	40.647
5	M42	Y	-6.324	-3.381	40.647	50.809
6	M43A	Y	-3.436	-6.448	0	10.162
7	M43A	Y	-6.448	-8.091	10.162	20.324
8	M43A	Y	-8.091	-7.163	20.324	30.486
9	M43A	Y	-7.163	-4.271	30.486	40.647
10	M43A	Y	-4.271	-.614	40.647	50.809
11	M74	Y	-1.628	-4.167	0	10.162
12	M74	Y	-4.167	-6.674	10.162	20.324
13	M74	Y	-6.674	-7.854	20.324	30.486
14	M74	Y	-7.854	-6.325	30.486	40.647
15	M74	Y	-6.325	-3.382	40.647	50.809
16	M75	Y	-3.435	-6.44	0	10.162
17	M75	Y	-6.44	-8.086	10.162	20.324
18	M75	Y	-8.086	-7.163	20.324	30.486
19	M75	Y	-7.163	-4.268	30.486	40.647
20	M75	Y	-4.268	-.613	40.647	50.809
21	M51B	Y	-1.628	-4.167	0	10.162
22	M51B	Y	-4.167	-6.674	10.162	20.324
23	M51B	Y	-6.674	-7.854	20.324	30.486
24	M51B	Y	-7.854	-6.325	30.486	40.647
25	M51B	Y	-6.325	-3.382	40.647	50.809
26	M52B	Y	-3.435	-6.44	0	10.162
27	M52B	Y	-6.44	-8.086	10.162	20.324
28	M52B	Y	-8.086	-7.163	20.324	30.486
29	M52B	Y	-7.163	-4.268	30.486	40.647
30	M52B	Y	-4.268	-.613	40.647	50.809

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[in,...	End Location[in,%]
1	M74	Y	-4.232	-10.834	0	10.162
2	M74	Y	-10.834	-17.353	10.162	20.324
3	M74	Y	-17.353	-20.42	20.324	30.486
4	M74	Y	-20.42	-16.444	30.486	40.647
5	M74	Y	-16.444	-8.794	40.647	50.809
6	M75	Y	-8.932	-16.745	0	10.162
7	M75	Y	-16.745	-21.023	10.162	20.324
8	M75	Y	-21.023	-18.623	20.324	30.486
9	M75	Y	-18.623	-11.098	30.486	40.647
10	M75	Y	-11.098	-1.594	40.647	50.809
11	M51B	Y	-4.232	-10.834	0	10.162
12	M51B	Y	-10.834	-17.353	10.162	20.324
13	M51B	Y	-17.353	-20.42	20.324	30.486
14	M51B	Y	-20.42	-16.444	30.486	40.647
15	M51B	Y	-16.444	-8.794	40.647	50.809
16	M52B	Y	-8.932	-16.745	0	10.162
17	M52B	Y	-16.745	-21.023	10.162	20.324
18	M52B	Y	-21.023	-18.623	20.324	30.486
19	M52B	Y	-18.623	-11.098	30.486	40.647
20	M52B	Y	-11.098	-1.594	40.647	50.809
21	M42	Y	-4.232	-10.834	0	10.162
22	M42	Y	-10.834	-17.353	10.162	20.324
23	M42	Y	-17.353	-20.42	20.324	30.486

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

	Member Label	Direction	Start Magnitude[l...	End Magnitude[lb/ft,F,ksf]	Start Location[in,...	End Location[in,%]
24	M42	Y	-20.42	-16.444	30.486	40.647
25	M42	Y	-16.444	-8.794	40.647	50.809
26	M43A	Y	-8.932	-16.745	0	10.162
27	M43A	Y	-16.745	-21.023	10.162	20.324
28	M43A	Y	-21.023	-18.623	20.324	30.486
29	M43A	Y	-18.623	-11.098	30.486	40.647
30	M43A	Y	-11.098	-1.594	40.647	50.809

Member Area Loads (BLC 39 : Structure D)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N79	N77	N50	N51	Y	Two Way	-.005
2	N95	N96	N124	N122	Y	Two Way	-.005
3	N6	N7	N87B	N87C	Y	Two Way	-.005

Member Area Loads (BLC 40 : Structure Di)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N95	N96	N124	N122	Y	Two Way	-.013
2	N6	N7	N87B	N87C	Y	Two Way	-.013
3	N50	N51	N79	N77	Y	Two Way	-.013

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	1229.347	10	1251.574	16	3933.887	13	1.541	18	1.895	4	.431	21
2		min	-1238.638	4	415.008	45	-1784.32	7	.509	48	-1.909	10	-.069	4
3	N36	max	65.892	10	1861.32	13	-590.188	7	0	51	0	4	0	10
4		min	-66.019	4	322.687	7	-3406.073	13	0	1	0	10	0	4
5	N48	max	3458.661	9	1223.907	24	1013.78	1	-.04	6	1.852	12	-.421	11
6		min	-1626.893	3	444.372	5	-2063.87	7	-.876	48	-1.868	6	-1.403	17
7	N81	max	-493.394	3	1828.919	21	1672.158	21	0	6	0	48	0	48
8		min	-2896.399	21	311.961	3	285.034	3	0	48	0	6	0	6
9	N93	max	1499.015	11	1308.853	20	1118.404	1	-.216	7	1.982	8	1.251	20
10		min	-3399.632	17	431.034	49	-2201.971	7	-1.12	13	-1.995	2	.341	2
11	N126	max	2956.842	17	1865.632	17	1707.159	17	0	8	0	8	0	8
12		min	529.239	11	333.66	11	305.407	11	0	26	0	26	0	26
13	Totals:	max	5368.003	10	9051.17	16	5378.262	1						
14		min	-5368.001	4	3248.246	10	-5378.26	7						

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

	Member	Shape	Code Check	Loc[in]	LC	Shear ...	Loc[in]	Dir	LC	phi*Pnc ...	phi*Pnt [...	phi*Mn y...	phi*Mn z...	Cb	Eqn
1	FACE	PIPE_3.0	.146	21.667	27	.089	43.333		1	25150.3...	65205	5.749	5.749	3....	H1-1b
2	M4	HSS4X4X4	.157	0	4	.064	0	y	21	124657....	139518	16.181	16.181	3....	H1-1b
3	M10	HSS4X4X4	.122	28.5	14	.050	28.5	y	21	136263....	139518	16.181	16.181	1....	H1-1b
4	MP1A	PIPE_2.0	.356	50	2	.120	50		7	14916.0...	32130	1.872	1.872	1....	H1-1b
5	M43	HSS4X4X4	.116	0	24	.036	0	y	16	136263....	139518	16.181	16.181	1....	H1-1b
6	M46	PL1/2X6	.216	6.188	12	.136	6.188	y	24	66009.2...	97200	1.012	12.15	1....	H1-1b
7	M51B	L2x2x3	.165	50.809	2	.012	50.809	y	17	9528.6	23392.8	.558	1.084	1....	H2-1
8	M52B	L2x2x3	.157	50.809	12	.015	50.809	y	22	9528.6	23392.8	.558	1.084	1....	H2-1
9	M76	PL3/8x6	.188	0	10	.108	0	y	6	70677.9...	72900	.57	9.113	1....	H1-1b
10	M77	PL3/8x6	.322	2	2	.294	0	y	24	71601.7...	72900	.57	9.113	1....	H1-1b
11	M80	PL1/2X6	.055	0	2	.184	0	y	24	96757.5...	97200	1.012	12.15	1....	H1-1b
12	M84	PL3/8x6	.204	0	1	.206	0	y	19	70677.9...	72900	.57	9.113	1....	H1-1b
13	M85	PL3/8x6	.310	2	6	.266	0	y	14	71601.7...	72900	.57	9.113	1....	H1-1b

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

	Member	Shape	Code Check	Loc[in]	LC	Shear ...	Loc[in]	Dir	LC	phi*Pnc ...	phi*Pnt [...	phi*Mn y...	phi*Mn z...	Cb	Eqn
14	M91	PL1/2X6	.061	1.344	1	.091	0	y	14	96757.5...	97200	1.012	12.15	1....	H1-1b
15	M28	LL2.5x2.5x3...	.096	0	13	.006	64.413	z	10	40386.9...	58320	4.643	2.55	1	H1-1b*
16	M29	PIPE_2.0	.159	21.667	8	.081	23.333		6	5533.086	32130	1.872	1.872	3....	H1-1b
17	M33	PIPE_3.0	.135	21.667	23	.092	43.333		9	25150.3...	65205	5.749	5.749	2....	H1-1b
18	M34	HSS4X4X4	.154	0	12	.055	0	y	48	124657....	139518	16.181	16.181	3....	H1-1b
19	M35	HSS4X4X4	.114	28.5	22	.046	28.5	y	17	136263....	139518	16.181	16.181	1....	H1-1b
20	M38	HSS4X4X4	.119	0	20	.037	0	y	24	136263....	139518	16.181	16.181	1....	H1-1b
21	M39	PL1/2X6	.218	6.188	8	.132	6.188	y	20	66009.2...	97200	1.012	12.15	1....	H1-1b
22	M42	L2x2x3	.163	50.809	10	.012	50.809	y	13	9528.6	23392.8	.558	1.084	1....	H2-1
23	M43A	L2x2x3	.155	50.809	8	.015	50.809	y	18	9528.6	23392.8	.558	1.084	1....	H2-1
24	M47	PL3/8x6	.172	0	10	.109	0	y	2	70677.9...	72900	.57	9.113	1....	H1-1b
25	M48	PL3/8x6	.314	2	10	.269	0	y	20	71601.7...	72900	.57	9.113	1....	H1-1b
26	M50A	PL1/2X6	.056	0	10	.175	0	y	20	96757.5...	97200	1.012	12.15	1....	H1-1b
27	M52A	PL3/8x6	.210	0	9	.204	0	y	15	70677.9...	72900	.57	9.113	1....	H1-1b
28	M53	PL3/8x6	.315	2	2	.274	0	y	22	71601.7...	72900	.57	9.113	1....	H1-1b
29	M55	PL1/2X6	.063	1.344	9	.148	0	y	46	96757.5...	97200	1.012	12.15	1....	H1-1b
30	M60	LL2.5x2.5x3...	.094	0	21	.006	64.413	z	6	40386.9...	58320	4.643	2.55	1	H1-1b*
31	M61	PIPE_2.0	.149	21.667	3	.089	23.333		2	5533.086	32130	1.872	1.872	3....	H1-1b
32	M65	PIPE_3.0	.128	21.667	19	.083	43.333		5	25150.3...	65205	5.749	5.749	2....	H1-1b
33	M66	HSS4X4X4	.164	0	8	.068	0	y	26	124657....	139518	16.181	16.181	3....	H1-1b
34	M67	HSS4X4X4	.125	28.5	18	.051	28.5	y	13	136263....	139518	16.181	16.181	1....	H1-1b
35	M70	HSS4X4X4	.123	0	16	.038	0	y	20	136263....	139518	16.181	16.181	1....	H1-1b
36	M71	PL1/2X6	.216	6.188	4	.137	6.188	y	16	66009.2...	97200	1.012	12.15	1....	H1-1b
37	M74	L2x2x3	.167	50.809	6	.012	50.809	y	21	9528.6	23392.8	.558	1.084	1....	H2-1
38	M75	L2x2x3	.158	50.809	4	.015	50.809	y	14	9528.6	23392.8	.558	1.084	1....	H2-1
39	M79A	PL3/8x6	.204	0	2	.114	0	y	10	70677.9...	72900	.57	9.113	1....	H1-1b
40	M80A	PL3/8x6	.322	2	6	.305	0	y	16	71601.7...	72900	.57	9.113	1....	H1-1b
41	M82	PL1/2X6	.056	1.344	3	.190	0	y	28	96757.5...	97200	1.012	12.15	1....	H1-1b
42	M84A	PL3/8x6	.212	0	5	.225	0	y	23	70677.9...	72900	.57	9.113	1....	H1-1b
43	M85A	PL3/8x6	.317	2	10	.286	0	y	18	71601.7...	72900	.57	9.113	1....	H1-1b
44	M87	PL1/2X6	.063	1.344	5	.092	0	y	18	96757.5...	97200	1.012	12.15	1....	H1-1b
45	M92A	LL2.5x2.5x3...	.096	0	17	.006	0	z	2	40386.9...	58320	4.643	2.55	1	H1-1b*
46	M93	PIPE_2.0	.155	150	9	.078	23.333		10	5533.086	32130	1.872	1.872	2....	H1-1b
47	M91B	L2.5x2.5x4	.185	15.128	7	.047	.315	y	6	36607.3...	38556	1.114	2.537	1....	H2-1
48	M92B	L2.5x2.5x4	.204	0	7	.051	.315	y	2	36607.3...	38556	1.114	2.537	1....	H2-1
49	M93A	L2.5x2.5x4	.220	0	3	.052	1.418	z	10	36607.3...	38556	1.114	2.537	1....	H2-1
50	MP2A	PIPE_2.0	.162	49.5	2	.060	29.25		6	20866.7...	32130	1.872	1.872	2....	H1-1b
51	MP3A	PIPE_2.0	.166	50	3	.041	23		6	14916.0...	32130	1.872	1.872	1....	H1-1b
52	MP4A	PIPE_2.0	.190	50	9	.055	50		2	14916.0...	32130	1.872	1.872	1....	H1-1b
53	MP5A	PIPE_2.0	.217	50	9	.093	8		7	14916.0...	32130	1.872	1.872	1....	H1-1b
54	MP1C	PIPE_2.0	.359	50	10	.124	29		2	14916.0...	32130	1.872	1.872	2....	H1-1b
55	MP2C	PIPE_2.0	.156	49.5	10	.067	29.25		2	20866.7...	32130	1.872	1.872	2....	H1-1b
56	MP3C	PIPE_2.0	.162	50	7	.045	23		2	14916.0...	32130	1.872	1.872	2....	H1-1b
57	MP4C	PIPE_2.0	.190	50	7	.050	50		10	14916.0...	32130	1.872	1.872	2....	H1-1b
58	MP5C	PIPE_2.0	.223	50	5	.092	8		3	14916.0...	32130	1.872	1.872	2....	H1-1b
59	MP1B	PIPE_2.0	.353	50	6	.107	29		10	14916.0...	32130	1.872	1.872	2....	H1-1b
60	MP2B	PIPE_2.0	.150	49.5	7	.056	29.25		10	20866.7...	32130	1.872	1.872	2....	H1-1b
61	MP3B	PIPE_2.0	.142	50	8	.038	50		10	14916.0...	32130	1.872	1.872	1....	H1-1b
62	MP4B	PIPE_2.0	.186	50	2	.046	50		7	14916.0...	32130	1.872	1.872	1....	H1-1b
63	MP5B	PIPE_2.0	.203	50	2	.078	8		11	14916.0...	32130	1.872	1.872	1....	H1-1b

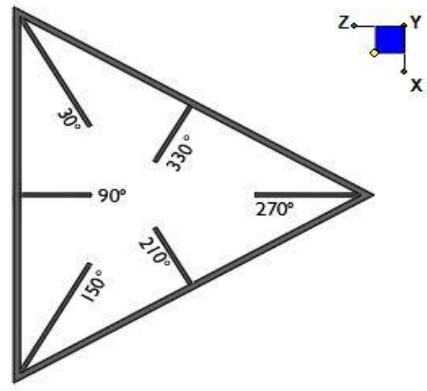
Client:	Verizon	Date:	3/12/2021
Site Name:	New Britain 8 CT		
Project No.	21777014A		
Title:	Mount Analysis	Page:	1

Version 3.1

I. Mount-to-Tower Connection Check

RISA Model Data

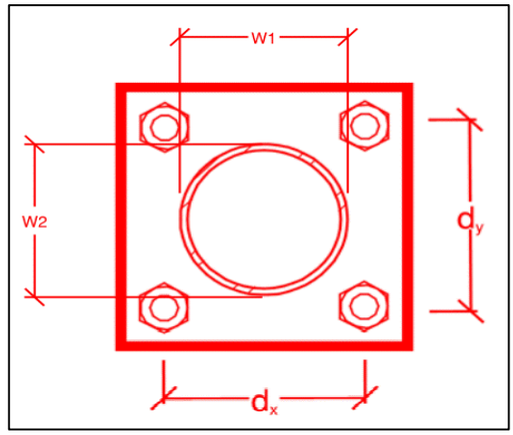
Nodes *(labeled per RISA)*	Orientation *(per graphic of typical platform)*
N48	30
N93	150
N3	270



TYPICAL PLATFORM

Tower Connection Bolt Checks

Any moment resistance?:	yes
Bolt Quantity per Reaction:	4
d_x (in) *(Delta X of typ. bolt config. sketch)* :	6
d_y (in) *(Delta Y of typ. bolt config. sketch)* :	6
Bolt Type:	A325N
Bolt Diameter (in):	0.625
Required Tensile Strength (kips):	10.0
Required Shear Strength (kips):	3.4
Tensile Strength / bolt (kips):	20.7
Shear Strength / bolt (kips):	12.4
Tensile Capacity Overall:	**12.0%***
Shear Capacity Overall:	**6.8%**



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

Tower Connection Plate and Weld Check

Connecting Standoff Member Shape:	Rect
Plate Width (in):	8.25
Plate Height (in):	8.25
W1 (in):	4
W2 (in):	4
Fy (ksi, plate):	36
t_{Plate} (in):	0.625
Weld Size (1/16 in):	5
Phi*Rn (kip/in):	6.96
Required Weld Strength (kip/in):	1.25
Plate Bending Capacity:	**21.9%**
Weld Capacity:	**17.9%**

Max Plate Bending Strengths

Mu_{xx} *(kip-in)* :	1.3
$Phi*Mn_{xx}$ *(kip-in)* :	26.1
Mu_{yy} *(kip-in)* :	4.4
$Phi*Mn_{yy}$ *(kip-in)* :	26.1

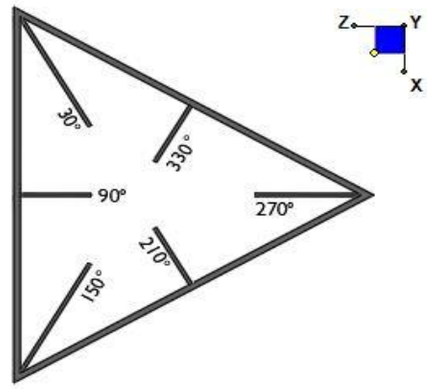
Client:	Verizon	Date:	3/12/2021
Site Name:	New Britain 8 CT		
Project No.	21777014A		
Title:	Mount Analysis	Page:	1

Version 3.1

I. Mount-to-Tower Connection Check

RISA Model Data

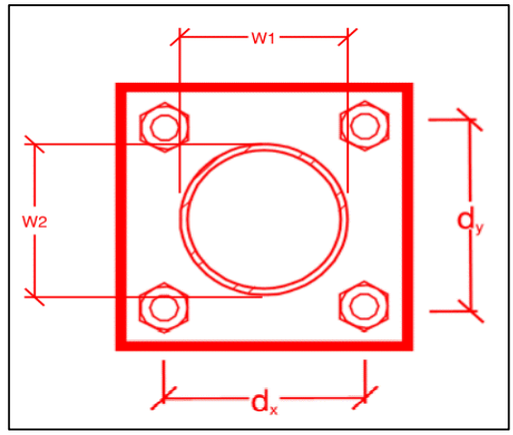
Nodes *(labeled per RISA)*	Orientation *(per graphic of typical platform)*
N81	30
N126	150
N36	270



TYPICAL PLATFORM

Tower Connection Bolt Checks

Any moment resistance?:	yes
Bolt Quantity per Reaction:	4
d_x (in) *(Delta X of typ. bolt config. sketch)* :	6
d_y (in) *(Delta Y of typ. bolt config. sketch)* :	6
Bolt Type:	A325N
Bolt Diameter (in):	0.625
Required Tensile Strength (kips):	3.5
Required Shear Strength (kips):	1.9
Tensile Strength / bolt (kips):	20.7
Shear Strength / bolt (kips):	12.4
Tensile Capacity Overall:	**4.2%***
Shear Capacity Overall:	**3.9%**



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

Mount Desktop – Post Modification Inspection (PMI) Report Requirements

Documents & Photos Required from Contractor – Passing Mount Analysis

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

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

Base Requirements:

- Any special photos outside of the standard requirements will be indicated on the passing MA
- Verification that loading is as communicated in the Passing Mount Analysis. NOTE If loading is different than what is conveyed 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
  - "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 equipment 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 equipment.

- These photos should also certify that the placement and geometry of the equipment on the mount is as depicted on the sketch and table in the mount analysis
- Photos showing the safety climb wire rope above and below the mount prior to modification.
- Photos showing the climbing facility and safety climb if present.

Antenna & equipment placement and Geometry Confirmation:

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

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

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

Certifying Individual: Company _____

Name _____

Signature _____

Special Instructions / Validation as required from the MA or any other information the contractor deems necessary to share that was identified:

Issue:

Contractor to install safety climb wire rope standoff (Site Pro 1 Part # 120-123/317 or EOR Approved equivalent) in all locations of wire rope rubbing on mount

Response:

Schedule A – Photo & Document File Structure

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

Structure: 470601-VZW - New Britain 8

Sector: **A**

Structure Type: Monopole

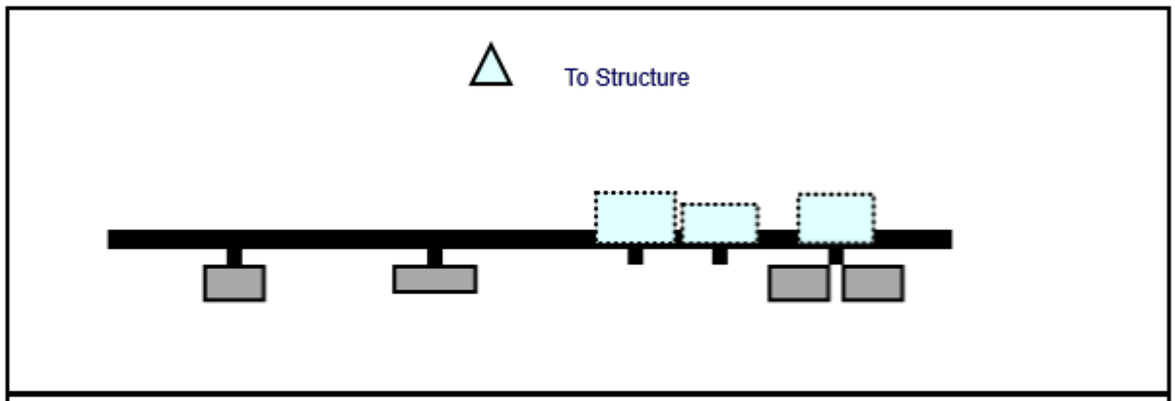
Mount Elev: 60.00

3/12/2021

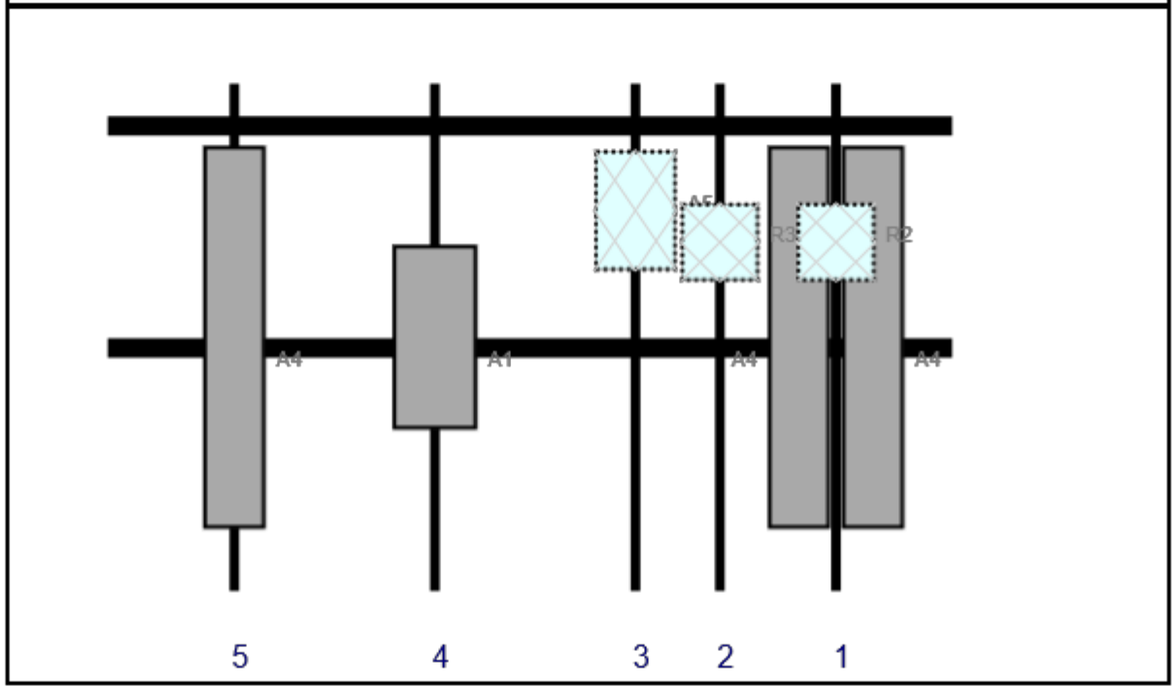
Page: 1

MASER CONSULTING — CONNECTICUT —

Plan View

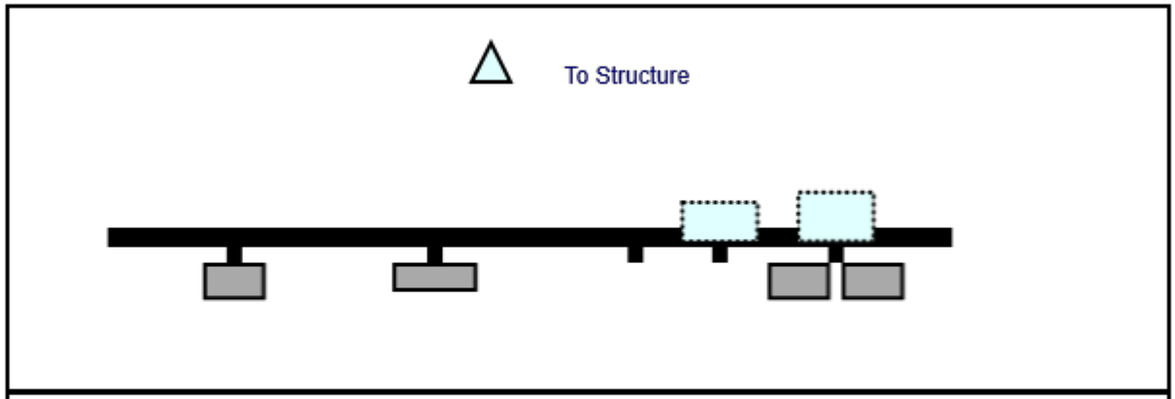


Front View
Looking at Structure

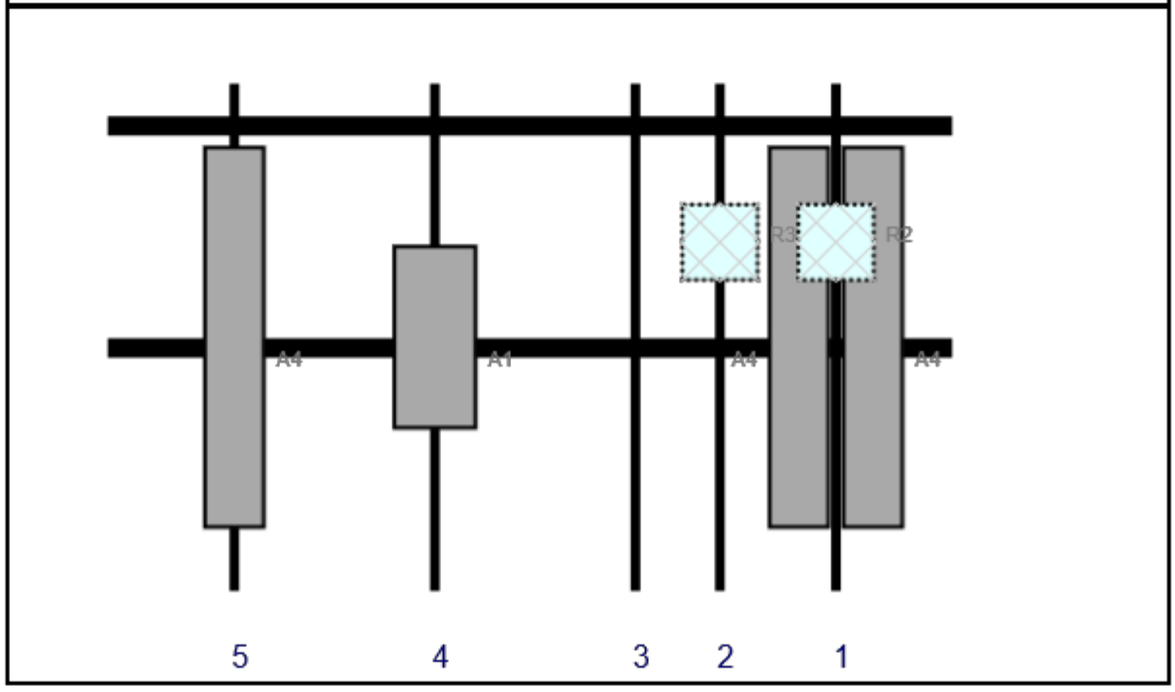


Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
A4	SBNHH-1D65B	72.6	11.9	138	1	a	Front	48	-7	Retained	02/23/2021
A4	SBNHH-1D65B	72.6	11.9	138	1	b	Front	48	7	Retained	02/23/2021
R2	B2/B66A RRH-BR049 (RFV01U-D1A)	15	15	138	1	a	Behind	30	0	Added	
A5	RC3DC-3315-PF-48	23	15.7	100	3	a	Behind	24	0	Retained	02/23/2021
A1	VZS01	35.1	16.1	62	4	a	Front	48	0	Added	
A4	SBNHH-1D65B	72.6	11.9	24	5	a	Front	48	0	Retained	02/23/2021
R3	B5/B13 RRH-BR04C (RFV01U-D2A)	15	15	116	2	a	Behind	30	0	Added	

Plan View

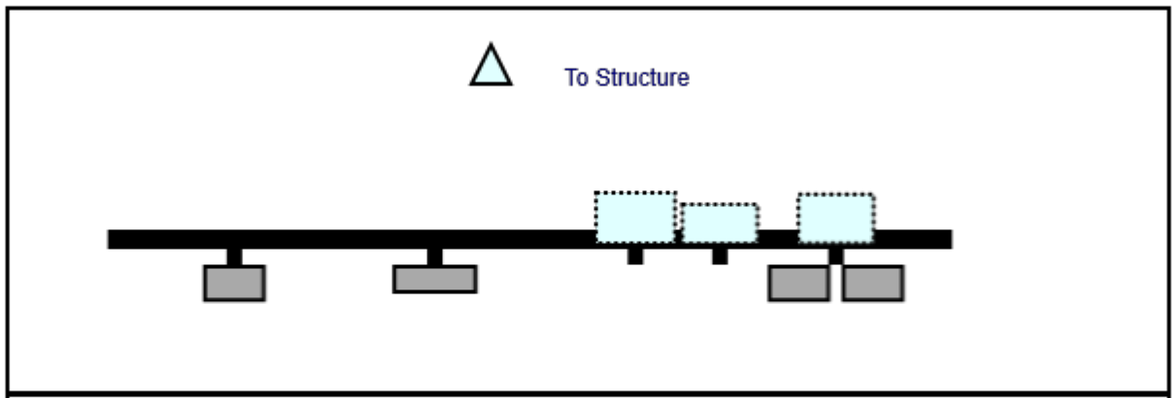


Front View
Looking at Structure

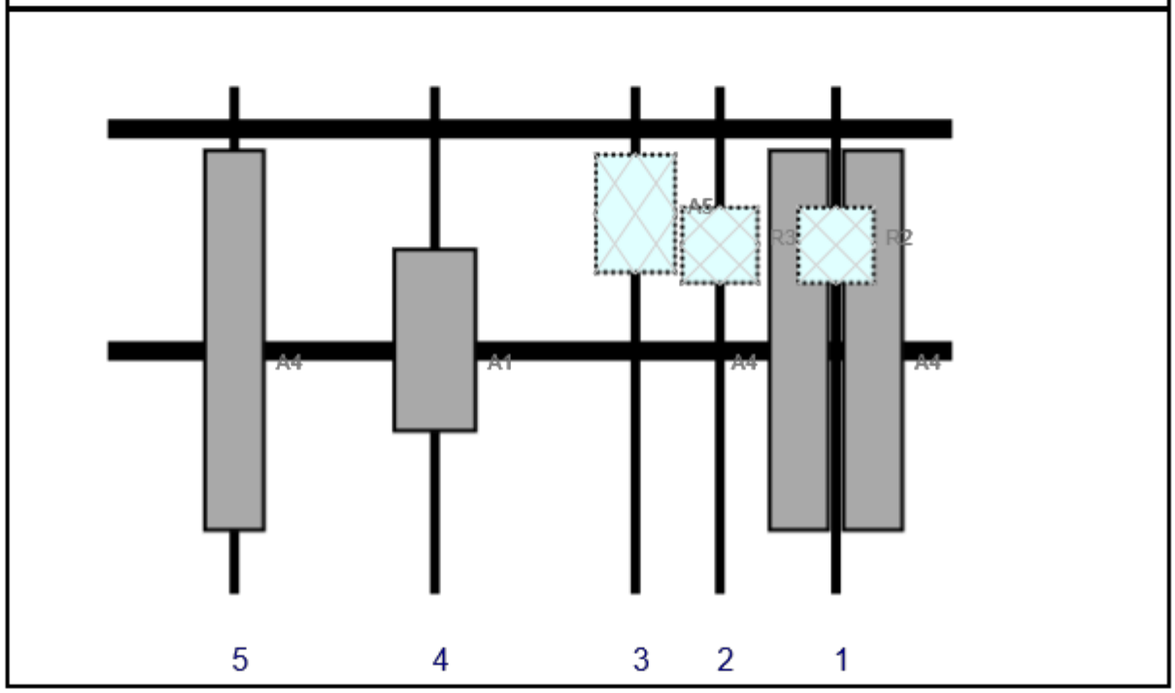


Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
A4	SBNHH-1D65B	72.6	11.9	138	1	a	Front	48	-7	Retained	02/23/2021
A4	SBNHH-1D65B	72.6	11.9	138	1	b	Front	48	7	Retained	02/23/2021
R2	B2/B66A RRH-BR049 (RFV01U-D1A)	15	15	138	1	a	Behind	30	0	Added	
R3	B5/B13 RRH-BR04C (RFV01U-D2A)	15	15	116	2	a	Behind	30	0	Added	
A1	VZS01	35.1	16.1	62	4	a	Front	48	0	Added	
A4	SBNHH-1D65B	72.6	11.9	24	5	a	Front	48	0	Retained	02/23/2021

Plan View



Front View
Looking at Structure



Ref#	Model	Height (in)	Width (in)	H Dist Frm L.	Pipe #	Pipe Pos V	Ant Pos	C. Ant Frm T.	Ant H Off	Status	Validation
A1	VZS01	35.1	16.1	62	4	a	Front	48	0	Added	
A4	SBNHH-1D65B	72.6	11.9	138	1	a	Front	48	7	Retained	02/23/2021
A4	SBNHH-1D65B	72.6	11.9	138	1	b	Front	48	-7	Retained	02/23/2021
R2	B2/B66A RRH-BR049 (RFV01U-D1A)	15	15	138	1	a	Behind	30	0	Added	
R3	B5/B13 RRH-BR04C (RFV01U-D2A)	15	15	116	2	a	Behind	30	0	Added	
A5	RC3DC-3315-PF-48	23	15.7	100	3	a	Behind	24	0	Retained	02/23/2021
A4	SBNHH-1D65B	72.6	11.9	24	5	a	Front	48	0	Retained	02/23/2021

Maser Consulting Connecticut

Subject	TIA-222-H Adoption and Wind Speed Usage
Site Information	Site ID: 470601-VZW / New Britain 8 – CT - A Site Name: New Britain 8 – CT - A Carrier Name: Verizon Wireless Address: 365 Hartford Road New Britain, Connecticut 06050 Hartford County Latitude: 41.70863333° Longitude: -72.76611666°
Structure Information	Tower Type: 166-Ft Monopole Mount Type: 13.33-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,

Dejian Xu

Dejian Xu, PE
Technical Specialist

MASER CONSULTING
— CONNECTICUT —

331 Newman Springs Road, Suite 203
Red Bank, NJ 07701
T: 732.383.1950
www.maserconsulting.com

March 29, 2021

Mr. Andrew Leone
Verizon Wireless
20 Alexander Dr.
Wallingford, CT 06492

Re: Verizon Wireless antenna Model Clarification for CT Siting Council

Dear Mr. Leone,

This letter is intended to clarify and confirm the antenna naming convention used by Verizon Wireless as a part of an antenna upgrade project on numerous wireless facilities.

The antenna naming convention "Licensed Sub-6, L-Sub6, nL-Sub6, VZS01" and any other slight variants refer to the 64T64RMMU antenna manufactured by Samsung Electronics. These names are interchangeable and are used in various documents, including but not limited to the "Antenna Mount Analysis".

If you have any questions or comments, or require additional information, please do not hesitate to contact me.

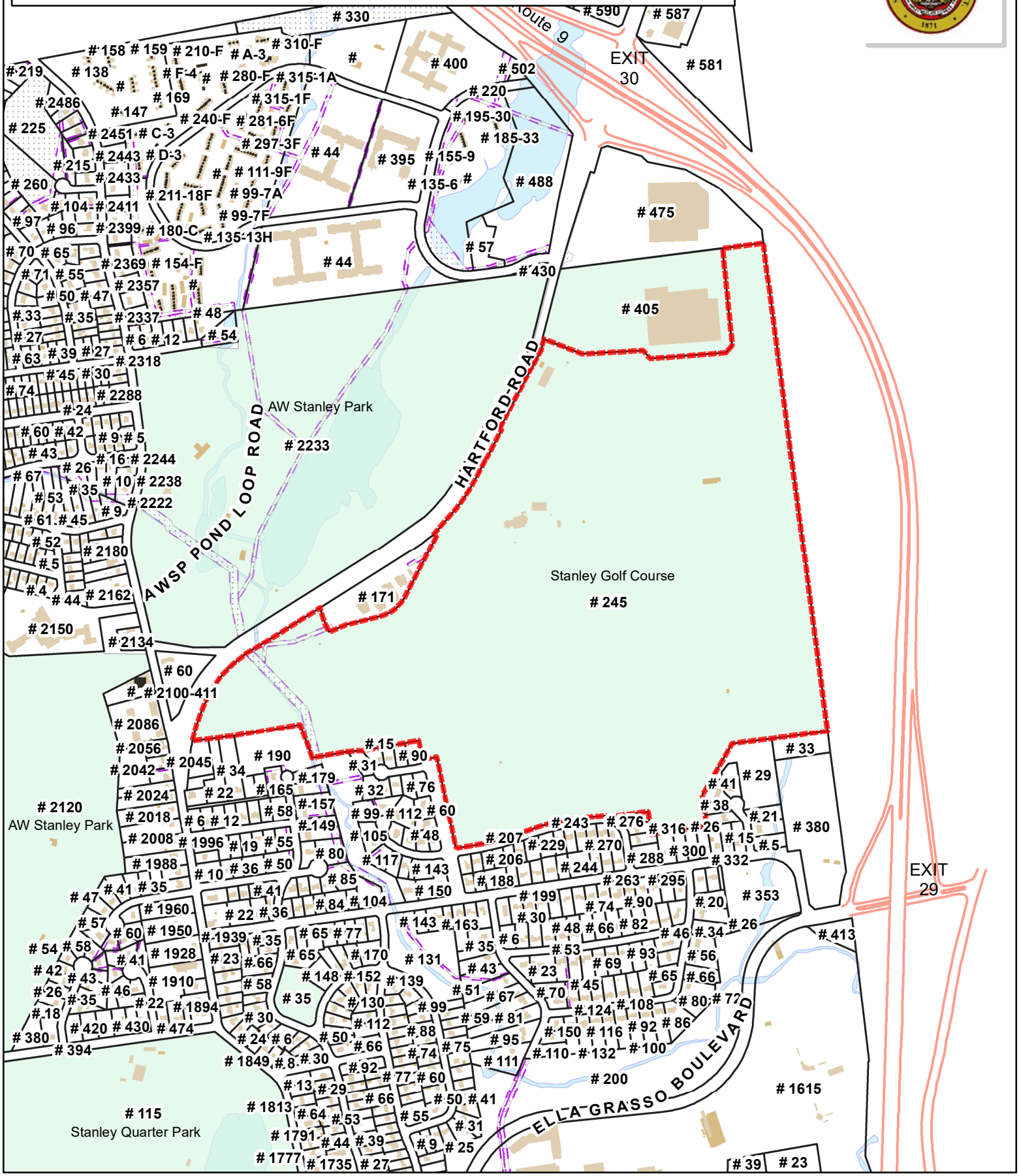
Very truly yours,
MASER CONSULTING CONNECTICUT

Petros Toukalas
Connecticut Professional Engineer
License Number: 32577

ATTACHMENT 5

City of New Britain, Connecticut - Assessment Parcel Map

MBL: A2B 10 **Address:** 245 HARTFORD RD



Approximate Scale:

1 inch = 800 feet

Disclaimer:
This map is for informational purposes only.
All information is subject to verification by any user.
The City of New Britain and its mapping contractors
assume no legal responsibility for the information contained herein.

Map Produced April 2020

NEW BRITAIN,CT

245 HARTFORD RD

Location
245 HARTFORD RD
Mblu
A2B/ 10/ / /
Acct#
44900245
Owner
NEW BRITAIN CITY OF
Assessment
$4,938,430
Appraisal
$7,054,900
PID
757
Building Count
4

Current Value

Appraisal

Valuation Year	Improvements	Land	Total
2017	$1,828,700	$5,226,200	$7,054,900

Assessment

Valuation Year	Improvements	Land	Total

2017	$1,280,090	$3,658,340	$4,938,430

Owner of Record

Owner NEW BRITAIN CITY OF
Co-Owner STANLEY GOLF COURSE
Address 27 WEST MAIN ST
NEW BRITAIN, CT 06051
Sale Price $0
Certificate
Book & Page 1897/1090
Sale Date 09/02/2014

Ownership History

Ownership History

Owner	Sale Price	Certificate	Book & Page	Sale Date
NEW BRITAIN CITY OF	$0		1897/1090	09/02/2014
NEW BRITAIN CITY OF	$0		1412/0093	05/29/2002
CITY OF NEW BRITAIN	$0		0642/0110	10/21/1968
	$0		0642/0106	10/21/1968
CITY OF NEW BRITAIN	$0		0214/0473	01/01/1900

Building Information

Building 1 : Section 1

Year Built: 1930
Living Area: 13,018
Replacement Cost: $1,599,505
Building Percent Good: 70
Replacement Cost Less Depreciation: $1,119,700

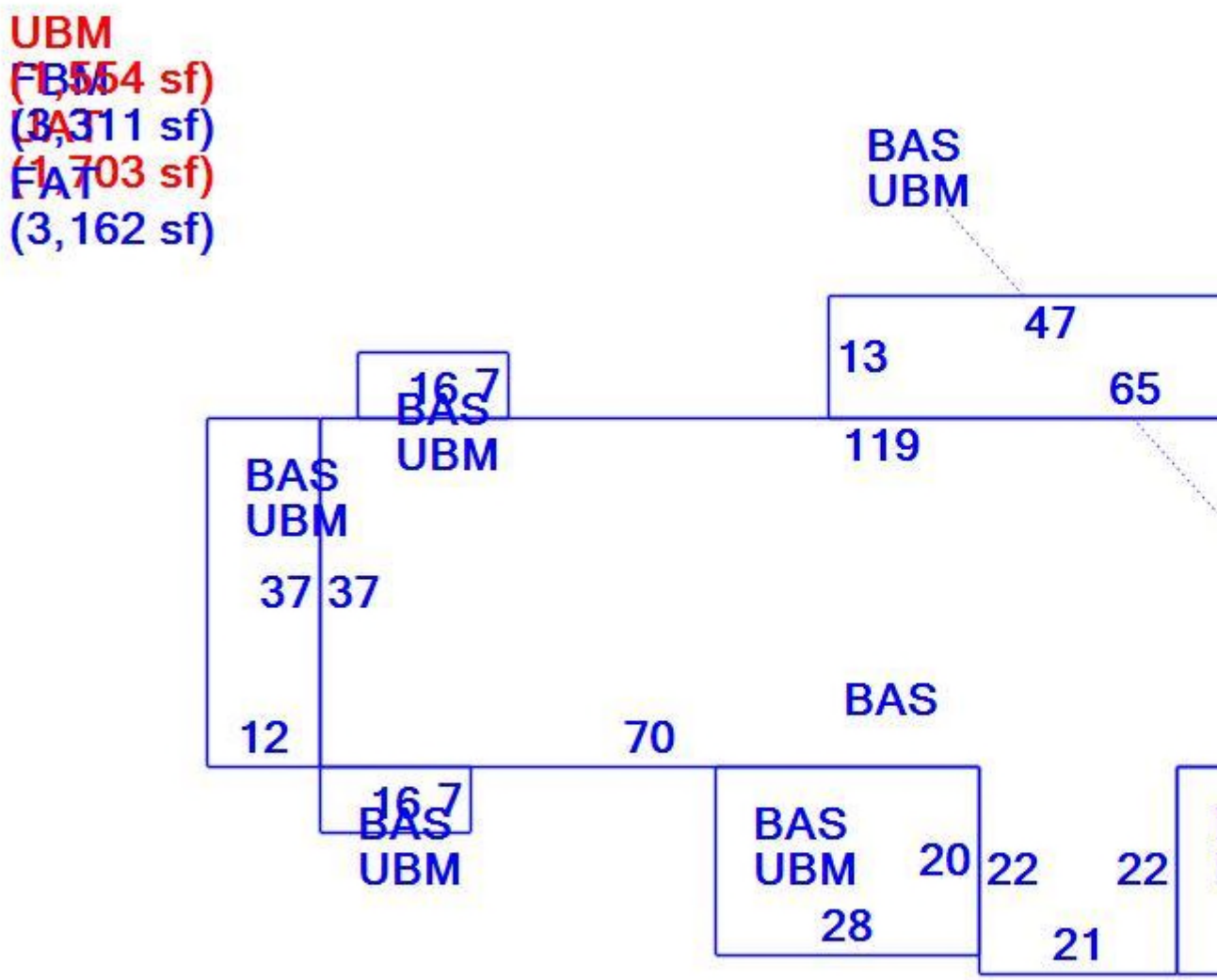
Building Attributes

Field	Description
Style:	Country Club
Model	Comm/Ind
Grade	C

Stories:	1
Occupancy	1.00
Exterior Wall 1	Stone/Masonry
Exterior Wall 2	
Roof Structure	Gable
Roof Cover	Asphalt Shingl
Interior Wall 1	Drywall
Interior Wall 2	
Interior Floor 1	Carpet
Interior Floor 2	
Central Heat	Yes
AC Type	Central
Struct Class	
Bldg Use	Mun Golf C MDL-94
Apt Units	
Total Bedrms	00
Total Baths	0
Comm Units	
Ind Units	
1st Floor Use:	9095
Heat/AC	Heat/AC Pkgs
Frame Type	Masonry
Baths/Plumbing	Average
Ceiling/Wall	Ceil & Walls
Rooms/Prtns	Average
Wall Height	10.00
% Comn Wall	

Building Photo

Building Layout



Building Sub-Areas (sq ft) Legend

Code	Description	Gross Area	Living Area
BAS	First Floor	8,916	8,916
FBM	Finished Bsmt Area	3,311	3,311
FAT	Attic, Finished	3,162	791
UAT	Unfinished Attic	1,703	0

UBM	Basement	5,759	0
WDK	Wood Deck	667	0
		23,518	13,018

Building 2 : Section 1

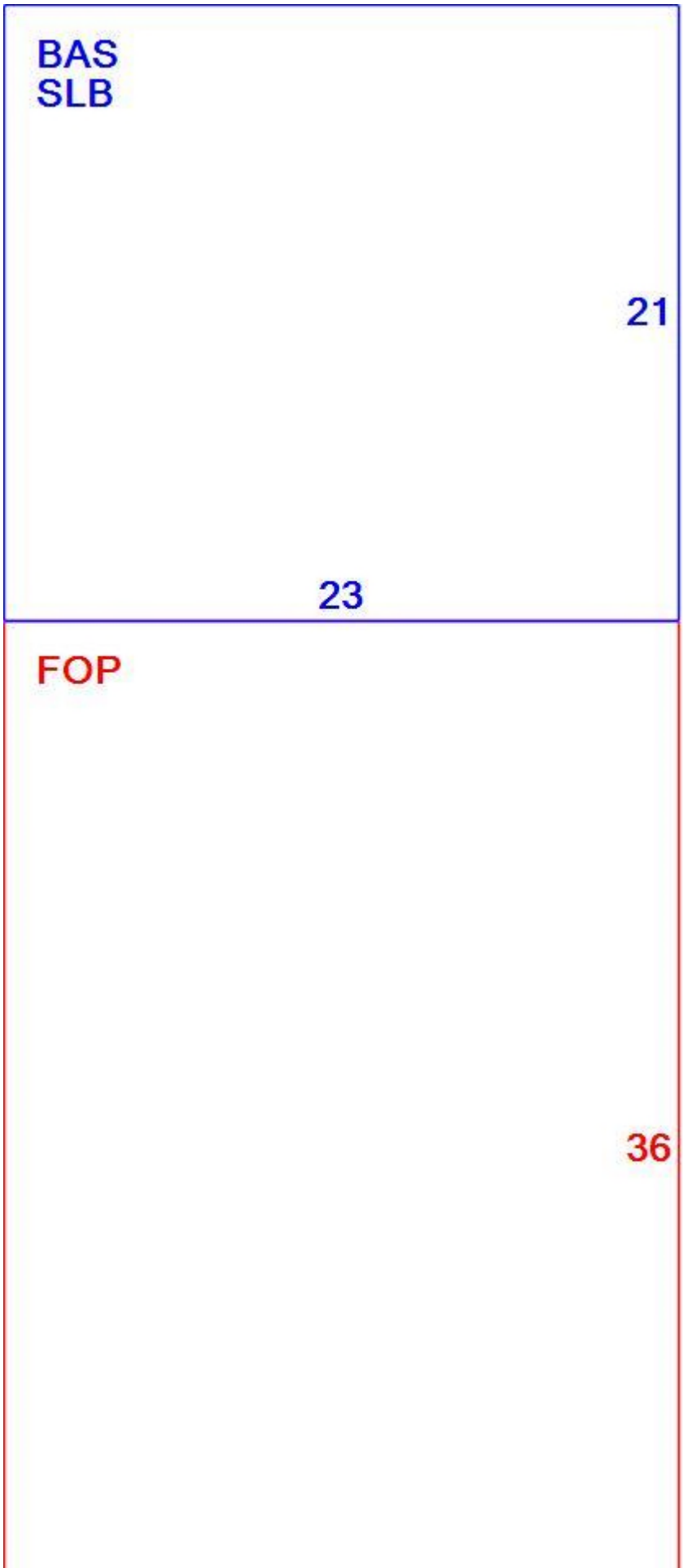
Year Built:	1930
Living Area:	483
Replacement Cost:	$62,431
Building Percent Good:	55
Replacement Cost Less Depreciation:	$34,300

Building Attributes : Bldg 2 of 4

Field	Description
Style:	Retail
Model	Ind/Comm
Grade	D
Stories:	1
Occupancy	1.00
Exterior Wall 1	Stone/Masonry
Exterior Wall 2	
Roof Structure	Gable
Roof Cover	Asphalt Shingl
Interior Wall 1	Drywall
Interior Wall 2	
Interior Floor 1	Finished Concr
Interior Floor 2	
Central Heat	None
AC Type	None
Struct Class	
Bldg Use	Mun Golf C MDL-96

Apt Units	
Total Bedrms	00
Total Baths	0
Comm Units	
Ind Units	
1st Floor Use:	909I
Heat/AC	None
Frame Type	Masonry
Baths/Plumbing	Average
Ceiling/Wall	None
Rooms/Prtns	Average
Wall Height	10.00
% Comn Wall	

Building Photo


BAS
SLB
21
23
FOP
36

Building Sub-Areas (sq ft) Legend

Code	Description	Gross Area	Living Area
BAS	First Floor	483	483
FOP	Open Porch	828	0
SLB	Slab	483	0
		1,794	483

Building 3 : Section 1

Year Built:	1989
Living Area:	7,000
Replacement Cost:	$204,260
Building Percent Good:	78
Replacement Cost Less Depreciation:	$159,300

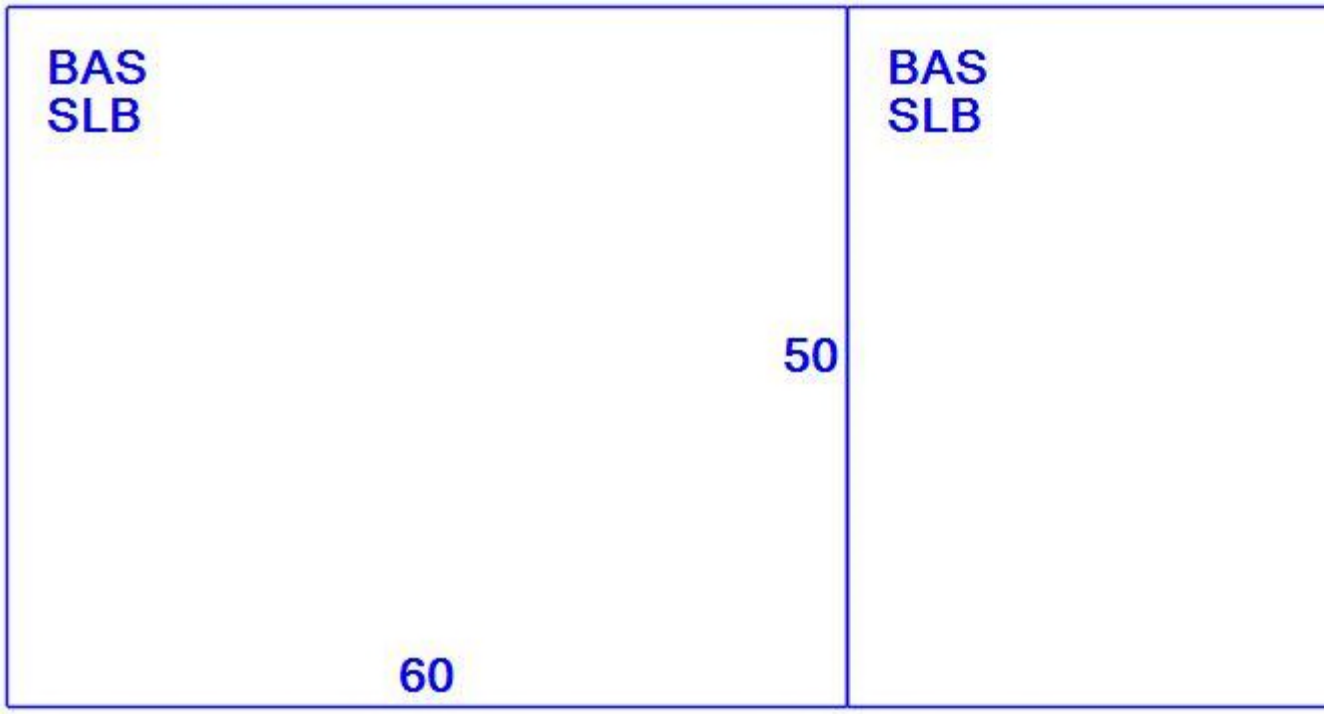
Building Attributes : Bldg 3 of 4

Field	Description
Style:	Pre-Eng Garage
Model	Ind/Comm
Grade	C
Stories:	1
Occupancy	1.00
Exterior Wall 1	Pre-Fin Metal
Exterior Wall 2	
Roof Structure	Gable
Roof Cover	Metal/Tin
Interior Wall 1	Minimum/Masonr
Interior Wall 2	
Interior Floor 1	Finished Concr
Interior Floor 2	

Central Heat	Yes
AC Type	None
Struct Class	
Bldg Use	Mun Golf C MDL-96
Apt Units	
Total Bedrms	00
Total Baths	0
Comm Units	
Ind Units	
1st Floor Use:	909I
Heat/AC	None
Frame Type	Steel
Baths/Plumbing	Average
Ceiling/Wall	None
Rooms/Prtns	Average
Wall Height	14.00
% Comn Wall	

Building Photo

Building Layout



Building Sub-Areas (sq ft) Legend

Code	Description	Gross Area	Living Area
BAS	First Floor	7,000	7,000
SLB	Slab	7,000	0
		14,000	7,000

Building 4 : Section 1

Year Built:	2003
Living Area:	5,141
Replacement Cost:	$117,677
Building Percent Good:	88
Replacement Cost Less Depreciation:	$103,600

Building Attributes : Bldg 4 of 4

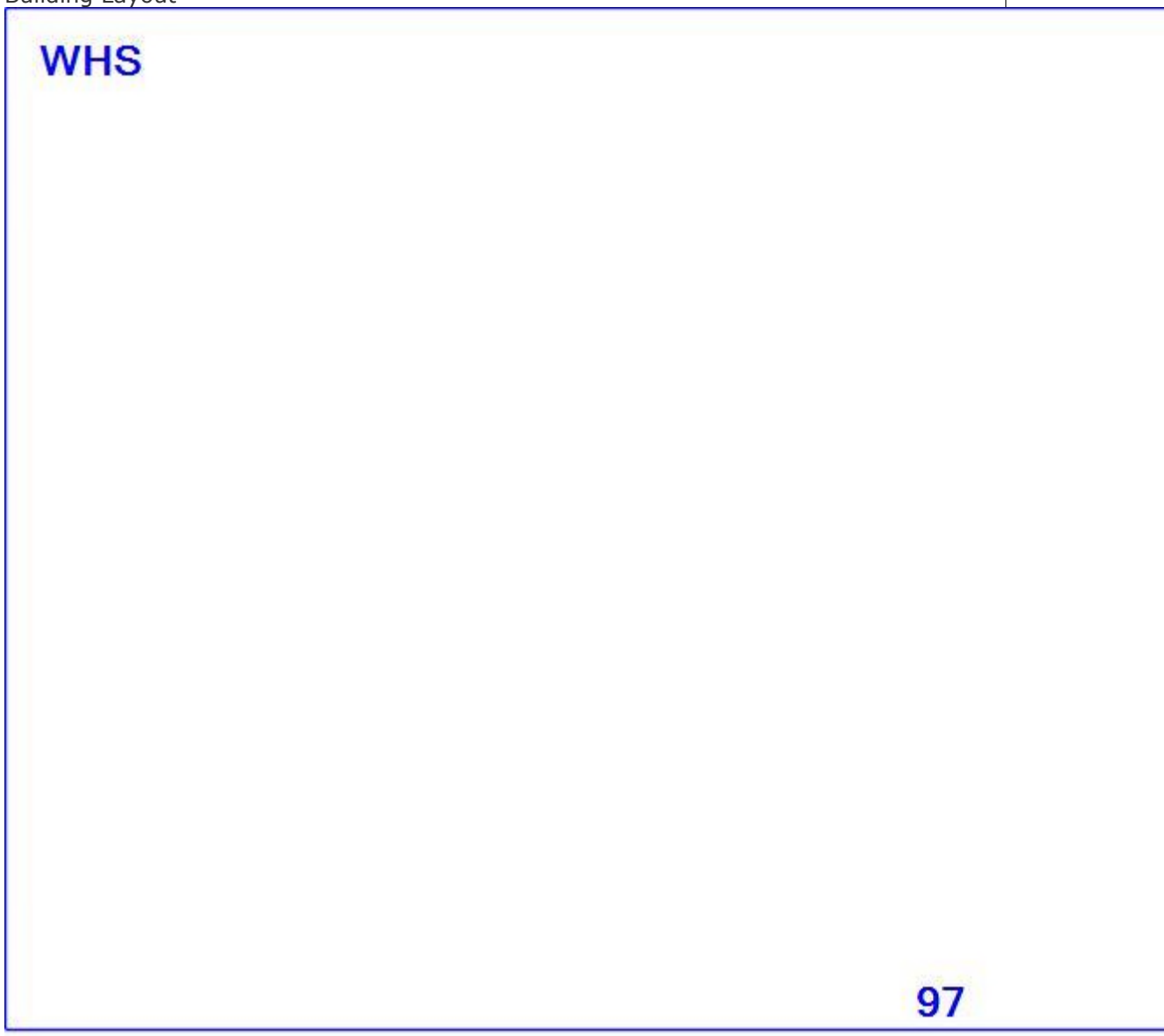
Field	Description

Style:	Pre-Eng Whse
Model	Ind/Comm
Grade	C
Stories:	1
Occupancy	1.00
Exterior Wall 1	Pre-Fin Metal
Exterior Wall 2	
Roof Structure	Gable
Roof Cover	Asphalt Shingl
Interior Wall 1	None
Interior Wall 2	
Interior Floor 1	Finished Concr
Interior Floor 2	
Central Heat	None
AC Type	None
Struct Class	
Bldg Use	Mun Golf C MDL-96
Apt Units	
Total Bedrms	00
Total Baths	0
Comm Units	
Ind Units	
1st Floor Use:	909I
Heat/AC	None
Frame Type	Steel
Baths/Plumbing	None
Ceiling/Wall	None

Rooms/Prtns	Average
Wall Height	14.00
% Comn Wall	

Building Photo

Building Layout



Building Sub-Areas (sq ft) Legend

Code	Description	Gross Area	Living Area
WHS	Warehouse	5,141	5,141
		5,141	5,141

Extra Features

Extra Features Legend

No Data for Extra Features

Land

Land Use

Use Code	9095
Description	Mun Golf C MDL-94
Zone	S2
Neighborhood	103
Alt Land Appr	No
Category	

Land Line Valuation

Size (Acres)	175.83
Depth	
Assessed Value	$3,658,340
Appraised Value	$5,226,200

Outbuildings

Outbuildings Legend

Code	Description	Sub Code	Sub Description	Size	Value	Bldg #
SHP2	Work Shop Good			384.00 S.F.	$4,400	1
PAT1	Patio-Concrete			2700.00 S.F.	$0	1
SPLL	Support Poles			18.00 Units	$162,000	1
SPLS	Support Poles			22.00 Units	$99,000	1
CAN4	Canopy rf/slb			2080.00 S.F.	$25,000	1
PAV1	Paving Asphalt			35000.00 S.F.	$33,600	1
CB3	PreCastConcCel			240.00 S.F.	$83,200	1
FN4	Fence-8' Chain			240.00 L.F.	$4,600	1

Valuation History

Appraisal

Valuation Year	Improvements	Land	Total
2020	$1,828,700	$5,226,200	$7,054,900
2019	$1,828,700	$5,226,200	$7,054,900
2018	$1,828,700	$5,226,200	$7,054,900

Assessment

Valuation Year	Improvements	Land	Total
2020	$1,280,090	$3,658,340	$4,938,430
2019	$1,280,090	$3,658,340	$4,938,430
2018	$1,280,090	$3,658,340	$4,938,430

closecloseclose

ATTACHMENT 6

NEW BRITAIN 8

Certificate of Mailing — Firm

UNITED STATES POSTAL SERVICE®

Name and Address of Sender	TOTAL NO. of Pieces Listed by Sender	TOTAL NO. of Pieces Received at Post Office™	Affix Stamp Here *Postmark with Date of Receipt.*
Kenneth C. Baldwin, Esq. Robinson & Cole LLP 280 Trumbull Street Hartford, CT 06103	2		neopost 05/27/2021 US POSTAGE $002.89⁰ ZIP 06103 041L12203937
	Postmaster, per *(name of receiving employee)*		

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1.	Erin Stewart, Mayor City of New Britain 27 West Main Street New Britain, CT 06051	OLD STATE HOUSE STATION 06103 MAY 27 2021 USPS			
2.	Steven P. Schiller, AICP, City Planner City of New Britain 27 West Main Street New Britain, CT 06051				
3.					
4.					
5.					
6.					

See Reverse for Instructions