

KENNETH C. BALDWIN

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Also admitted in Massachusetts
and New York

April 16, 2021

Via Electronic Mail

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

Re: **Notice of Exempt Modification – Facility Modification
Wethersfield Fire Department Company No. 3
23 Kelleher Court, Wethersfield, Connecticut**

Dear Attorney Bachman:

Cellco Partnership d/b/a Verizon Wireless (“Cellco”) currently maintains an existing wireless telecommunications facility at the above-referenced property address (the “Property”). The facility consists of antennas and remote radio heads attached to a tower and related equipment on the ground, near the base of the tower. The tower was approved by the Town of Wethersfield (“Town”) in April of 2002. Cellco’s shared use of the tower was approved by the Council in January of 2003 (a copy of Cellco’s EM-VER-159-021220 approval letter was not available on the Council’s website). A copy of the Town’s approval is included in Attachment 1.

Cellco now intends to modify its facility by replacing three (3) existing antennas with three (3) Samsung 64T64RMMU antennas; and replacing six (6) existing remote radio heads (“RRHs”) with six (6) newer model RRHs 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 Wethersfield’s Chief Elected Official and Land Use Officer.

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

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

1. The proposed modifications will not result in an increase in the height of the existing tower. Cellco's replacement antennas and RRHs 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 cumulative 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, tower base plate and antenna mounting device, with certain modifications, 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 SA and MA verifying that the antenna model described in the SA and MA, respectively, as a nL-Sub6 Antenna or L-Sub6 Antenna, is the Samsung 64T64R model antenna and RRH 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.

Melanie A. Bachman, Esq.
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Page 3

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,

A handwritten signature in black ink, appearing to read "Kenneth C. Baldwin". The signature is fluid and cursive, with a long horizontal stroke at the end.

Kenneth C. Baldwin

Enclosures

Copy to:

Gary A. Evans, Wethersfield Town Manger
Peter Gillespie, Wethersfield Director of Planning & Economic Development
Aleksey Tyurin

Attachment 1

Town of Wethersfield
505 SILAS DEANE HIGHWAY
WETHERSFIELD, CONNECTICUT 06109



17 April 2002

Mr. Michael J. Turner
Town Engineer
Town of Wethersfield
505 Silas Deane Highway
Wethersfield, Connecticut 06109

Dear Mr. Turner:

Re: Application No. 5694-2002

At a meeting of the Zoning Board of Appeals held on Monday, April 15, 2002, it was unanimously voted that the application seeking variance to erect two equipment shelters and tower in the side yard at 23 Kelleher Court, east side, A-1 Residence Zone, **BE APPROVED AS SUBMITTED.**

A building permit must be obtained from, and all construction is done under the supervision of the Building Inspection Division, Town of Wethersfield.

The effective date of this permission is April 19, 2002. This variance must be recorded with the Town Clerk, Town of Wethersfield immediately after the 15 days from the effective date of this permission. Please come to the Building Department first to pick up the form to be recorded in the Town Clerk's Office.

Very truly yours,

TOWN OF WETHERSFIELD
ZONING BOARD OF APPEALS
MORRIS R. BOREA, CHAIRMAN

Nancy Azeredo
Nancy Azeredo, Duly Authorized for
Bruce T. Bockstael, Clerk

na
Enc.

Cc: Lee C. Erdmann, Town Manager

**WETHERSFIELD ZONING BOARD OF APPEALS
PUBLIC HEARING**

April 15, 2002

The Wethersfield Zoning Board of Appeals held a public hearing on April 15, 2002 at 7:30 PM in the Town Hall, 505 Silas Deane Highway, Wethersfield, Connecticut.

PRESENT: Morris R. Borea, Chairman
Bruce T. Bockstael, Clerk
Frank A. Falvo, Jr.
Thomas J. Vaughan, Jr.
Cynthia Clancy, Alternate

ABSENT: J. Edward Brymer, Jr., Vice Chairman

Also Present: Brian O'Connor, Assistant Building & Zoning Official

Chairman Borea opened the meeting. Before the meeting started, the public was welcomed to speak regarding anything except specific cases in the past or on the night's agenda. There was no one present who wished to speak.

Mr. O'Connor requested that the agenda be taken out of order as the last applicant, (Application No. 5694-2002), has to be at the Town Council Meeting being held in the Council Chambers at the same time as this meeting. Commissioner Bockstael stated that at the end of the meeting the public would again be asked if they would like to speak regarding Application No. 5694-2002 in case there were any late arrivals.

Commissioner Bockstael read the legal notice into the record.

APPLICATION NO. 5694-2002. Town of Wethersfield seeking variance to erect two equipment shelters and tower in the side yard at 23 Kelleher Court, east side, A-1 Residence Zone. (Section 167-75)

Mike Turner, Town Engineer appeared before the Board of behalf of the Town of Wethersfield, seeking variance for the location of the two equipment shelters and antenna tower that they would like to locate at Fire House #3 at 23 Kelleher Court. He stated that this is one of three tower sites that the Town is pursuing as part of the new town wide radio system that they are constructing. Mr. Turner stated that this tower site would be the main tower site where most of the radio equipment would be located.

April 15, 2002

Mr. Turner stated that the regulations require that any tower be located in the rear yard. He stated that the upper portion of the site by the parking lot is around elevation 130 to 131, the site drops off in the rear to about elevation 102. Therefore the rear portion of the property would require an antenna tower to be built around 29 to 30 feet taller. He stated that this tower site needs to have a clear line of site to the Newington tower, around 30 to 40 feet above of the tree line. Therefore what they are proposing is that the construction of the tower be in the south west corner of the property, with the equipment shelter adjacent to the tower, generally around 10 feet from the tower.

Chairman Borea questioned how high the tower is going to be. Mr. Turner stated 190 feet. Chairman Borea verified that if it were to be put in the rear yard the tower would have to be around 220 feet. Mr. Turner stated that this was correct, adding that anything over 199 feet needs flashing lights, strobe lights, etc.

There were no further questions or comments from the Board.

There was no one in the audience who wished to speak in favor of this application.

The following audience member wished to speak in opposition to this application:

1. Mr. Robert Young, 20 Coppermill Road, Wethersfield, CT – Stated that he feels this location is a bad site and feels that it will bring down the property value of homes in this area, which will in turn bring down his property value. He stated that he also feels that not all the facts were presented to the public.

APPLICATION NO. 5689-2002. Jeannine Steucek seeking variance to erect a 24'X26' detached garage over the building line at 931 Prospect Street, north side, A-1 Residence Zone. (Section 167-114)

Jeannine Steucek, 931 Prospect Street, Wethersfield, CT, appeared before the Board seeking variance to erect a detached garage over the building line. She stated that she has never had a garage but would like a garage for the protection of her car.

April 15, 2002

APPLICATION NO. 5693-2002. Sebastian A. Panioto seeking variance to construct a single car garage and attached entry having less than the required side yard at 95 Mohawk Lane, north side, A Residence Zone. (Section 167-172)

Upon motion made by Commissioner Falvo, Jr., seconded by Chairman Borea and a poll of the Board it was unanimously voted that the above application **BE APPROVED** as submitted.

APPLICATION NO. 5694-2002. Town of Wethersfield seeking variance to erect two equipment shelters and tower in the side yard at 23 Kelleher Court, east side, A-1 Residence Zone. (Section 167-75)

Upon motion made Chairman Borea, seconded by Commissioner Falvo, Jr., and a poll of the Board it was unanimously voted that the above application **BE APPROVED** as submitted.

APPROVAL OF MINUTES

Tabled until next meeting.

ADJOURNMENT

The meeting was adjourned at 8:30PM.

Attachment 2



WIRELESS COMMUNICATIONS FACILITY

SITE NAME:

WETHERSFIELD 3 CT

FIREHOUSE #3

23 KELLEHER CT.

WETHERSFIELD, CT 06109

ANTENNA MODIFICATION

verizon
WIRELESS COMMUNICATIONS FACILITY

20 ALEXANDER DRIVE
WALLINGFORD, CT 06492

On Air Engineering, LLC
88 Foundry Pond Road
Cold Spring, NY 10516
201-456-4624
onair@optonline.net

LICENSURE



DAVID WEINPAAL, P.E.
CT LIC NO. 22144

SUBMITTALS

NO	DATE	REVISION
0	10.15.20	REVIEW
1	12.15.20	REVISED PER MOUNT ANALYSIS
2	12.23.20	REVISED PER SA

NO	DATE	DESCRIPTION

DRAWN BY: AS
CHECKED BY: DW
PROJECT NAME:
**ANTMO
LSub6-850-LTE-PCS
DESIGN EXHIBITS**

SITE NAME:
WETHERSFIELD 3 CT

SITE ADDRESS:
**FIREHOUSE #3
23 KELLEHER CT.
WETHERSFIELD, CT 06109**

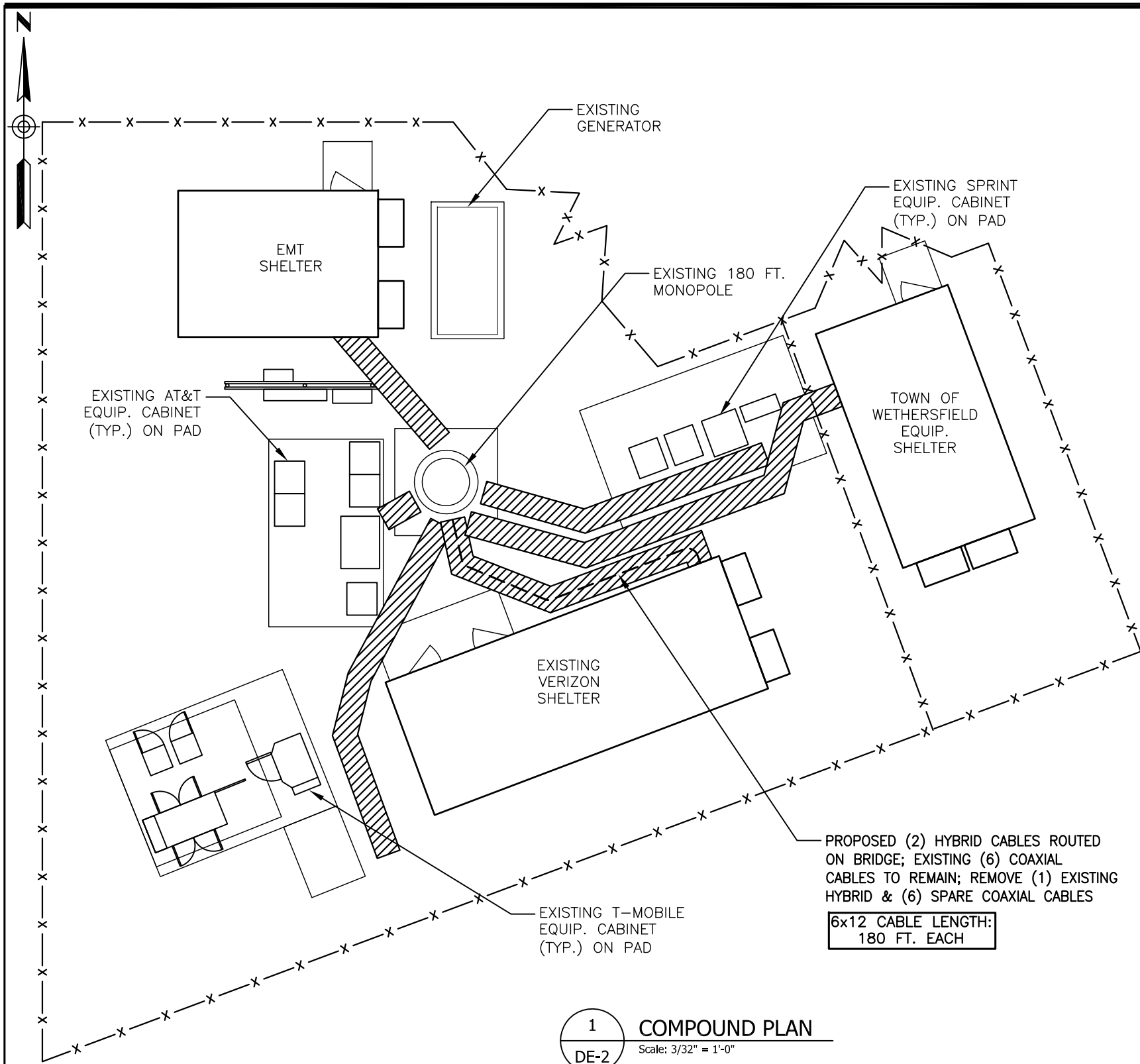
SHEET TITLE:
TITLE SHEET

SHEET NUMBER:
DE-1

PROJECT SUMMARY	
SITE NAME:	WETHERSFIELD 3 CT
SITE ADDRESS:	23 KELLEHER CT. WETHERSFIELD, CT 06109
PROPERTY OWNER:	TOWN OF WETHERSFIELD FIREHOUSE #3 23 KELLEHER CT. WETHERSFIELD, CT 06109
TOWER OWNER/MGMT:	TOWN OF WETHERSFIELD
PARCEL ID:	073-060
COORDINATES:	41° 42' 55.5012" N 72° 41' 26.3004" W
VERIZON CONSTRUCTION:	WALTER CHARCZYNSKI (860) 306-1806
VERIZON REAL ESTATE:	ALEX TYURIN (860) 550-3195



SHEET INDEX	
DE-1	TITLE SHEET
DE-2	COMPOUND PLAN & ELEVATION
DE-3	ANTENNA PLANS & ELEVATION
DE-4	RF PLUMBING DIAGRAM & B.O.M.
DE-5	GENERAL CONSTRUCTION NOTES



1 COMPOUND PLAN
DE-2 Scale: 3/32" = 1'-0"

NOTES:
 1. COMPOUND PLAN IS COMPILED FROM EXISTING DRAWINGS ON FILE WITH THE CT SITING COUNCIL AND A LIMITED DESIGN VISIT ON 10-06-20 FOR A PROPOSED VERIZON ANTENNA MODIFICATION.
 2. PLANS ARE DIAGRAMMATIC ONLY AND NOT TO BE SCALED.
 3. REFER TO STRUCTURAL TOWER AND MOUNT ANALYSIS REPORTS, BY OTHERS UNDER SEPARATE COVER, FOR ANY REQUIRED TOWER & MOUNT REINFORCEMENTS, WHICH MUST BE PERFORMED PRIOR TO ANY OTHER VERIZON ANTENNA MODIFICATIONS.

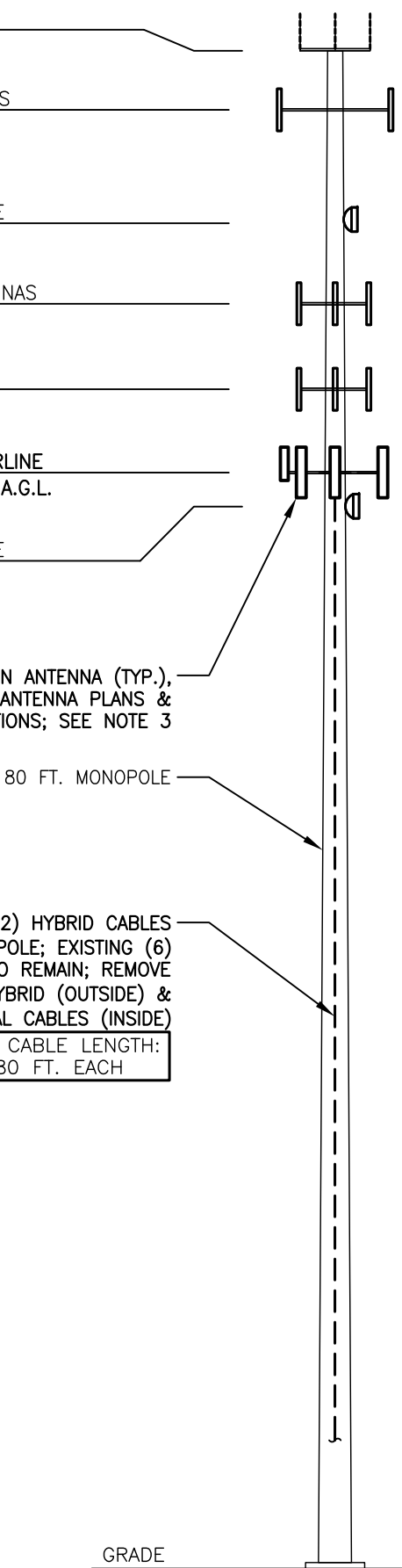
- TOP OF MONOPOLE
EL. 180'-0"± A.G.L.
- EXISTING SPRINT ANTENNAS
EL. 174'-0"± A.G.L.
- EXISTING DISH CENTERLINE
EL. 159'-0"± A.G.L.
- EXISTING T-MOBILE ANTENNAS
EL. 151'-0"± A.G.L.
- EXISTING AT&T ANTENNAS
EL. 140'-0"± A.G.L.
- VERIZON ANTENNA CENTERLINE
EL. 130'-0"±/131'-0"± A.G.L.
- EXISTING DISH CENTERLINE
EL. 126'-0"± A.G.L.

EXISTING VERIZON ANTENNA (TYP.), REFER TO DE-3 FOR ANTENNA PLANS & PROPOSED MODIFICATIONS; SEE NOTE 3

EXISTING 180 FT. MONOPOLE

PROPOSED (2) HYBRID CABLES ROUTED INSIDE POLE; EXISTING (6) COAXIAL CABLES TO REMAIN; REMOVE (1) EXISTING HYBRID (OUTSIDE) & (6) SPARE COAXIAL CABLES (INSIDE)

6x12 CABLE LENGTH: 180 FT. EACH



2 ELEVATION
DE-2 Scale: NTS

WIRELESS COMMUNICATIONS FACILITY

20 ALEXANDER DRIVE
WALLINGFORD, CT 06492

88 Foundry Pond Road
Cold Spring, NY 10516
201-456-4624
onair@optonline.net

LICENSURE

DAVID WEINPAAL, P.E.
CT LIC NO. 22144

SUBMITTALS		
NO	DATE	REVISION
0	10.15.20	REVIEW
1	12.15.20	REVISED PER MOUNT ANALYSIS
2	12.23.20	REVISED PER SA

NO	DATE	DESCRIPTION

DRAWN BY:	AS
CHECKED BY:	DW

PROJECT NAME:

ANTMO
LSub6-850-LTE-PCS
DESIGN EXHIBITS

SITE NAME:

WETHERSFIELD 3 CT

SITE ADDRESS:

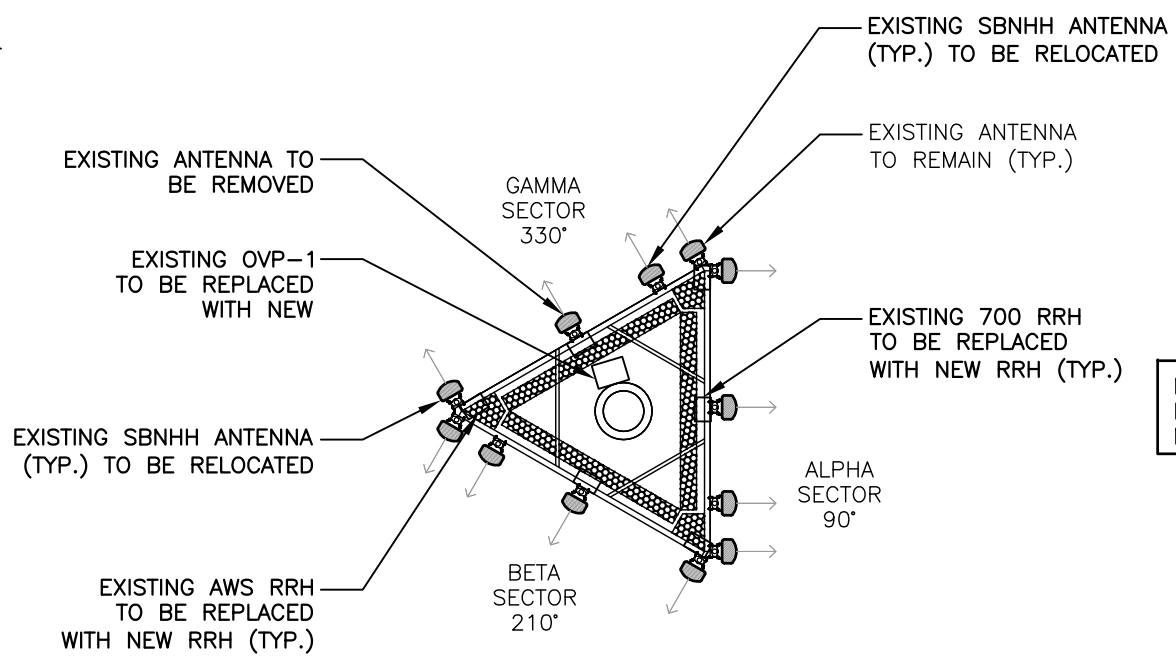
FIREHOUSE #3
23 KELLEHER CT.
WETHERSFIELD, CT 06109

SHEET TITLE:

**COMPOUND PLAN
& ELEVATION**

SHEET NUMBER:

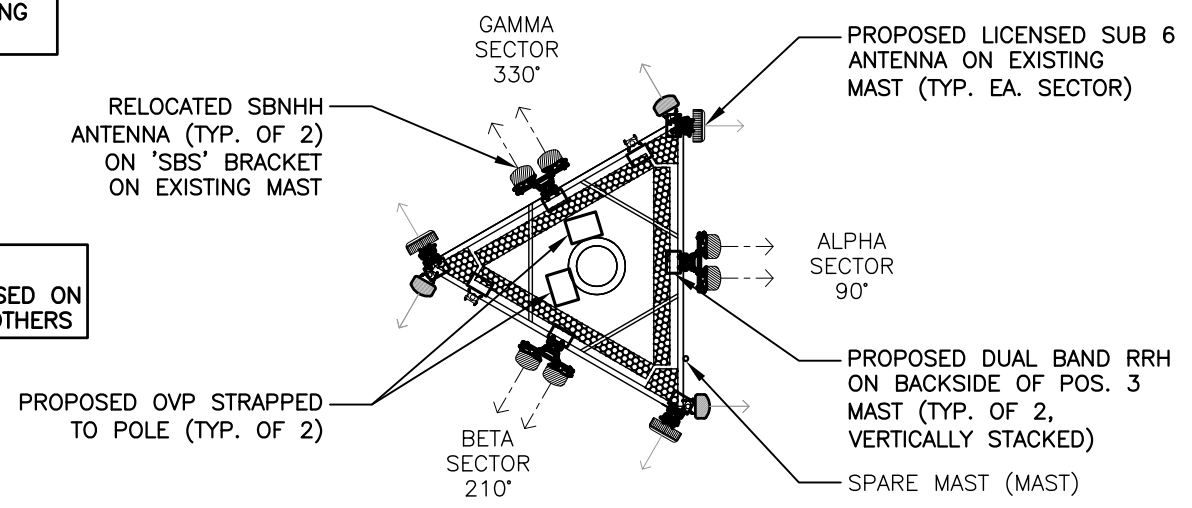
DE-2



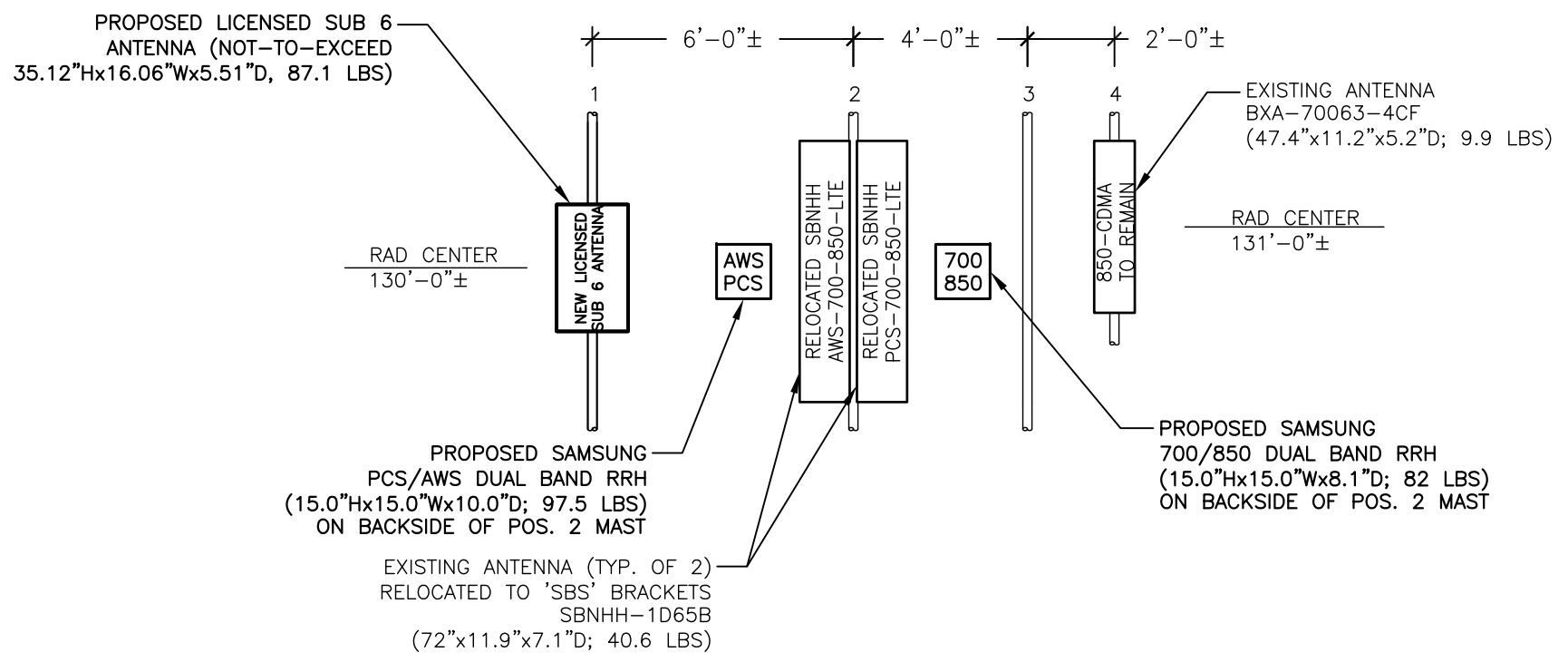
NOTE: REFER TO MOUNT MODIFICATION DRAWING BY OTHERS

NOTE: NEW DUAL RRH LOCATIONS SHOWN BASED ON MOUNT ANALYSIS BY OTHERS

1 ANTENNA PLAN - EXISTING
Scale: 1/8" = 1'-0"
DE-3



2 ANTENNA PLAN - PROPOSED
Scale: 1/8" = 1'-0"
DE-3



(VIEWED FROM BEHIND SECTOR)
3 ANTENNA ELEVATION (TYP.) - PROPOSED
Scale: 1/4" = 1'-0"
DE-3



SUBMITTALS

NO	DATE	REVISION
0	10.15.20	REVIEW
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2	12.23.20	REVISED PER SA

NO	DATE	DESCRIPTION

DRAWN BY: AS
CHECKED BY: DW
PROJECT NAME:
**ANTMO
LSub6-850-LTE-PCS
DESIGN EXHIBITS**

SITE NAME:
WETHERSFIELD 3 CT

SITE ADDRESS:
**FIREHOUSE #3
23 KELLEHER CT.
WETHERSFIELD, CT 06109**

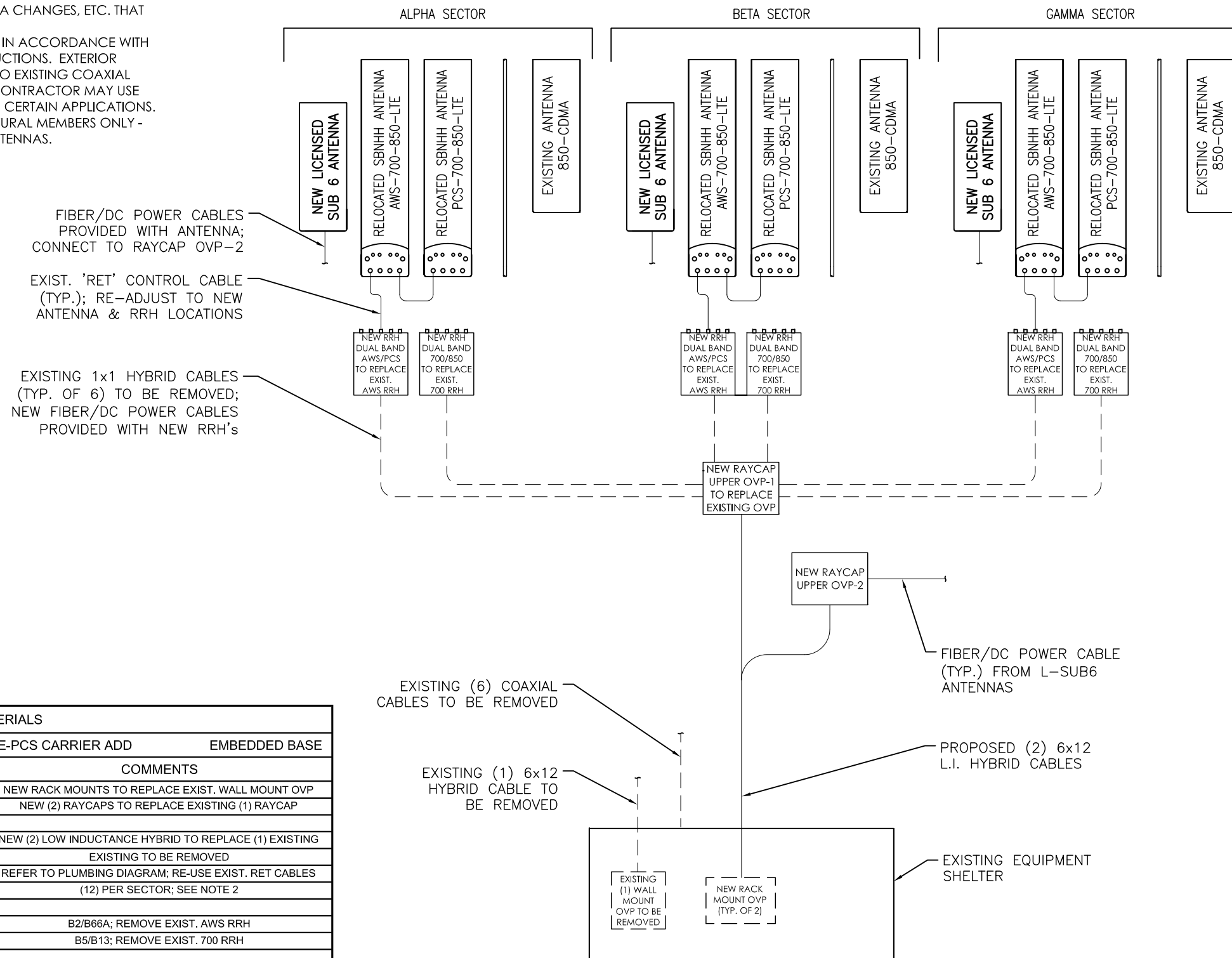
SHEET TITLE:
**ANTENNA PLANS
& ELEVATION**

SHEET NUMBER:
DE-3

GENERAL NOTES:

1. CONTRACTOR SHALL REFER TO THE LATEST VERIZON RF DATA SHEET WHICH MAY INCLUDE ANTENNA SECTOR AZIMUTHS/ANTENNA CHANGES, ETC. THAT ARE REQUIRED AS PART OF THE PROJECT.
2. CONTRACTOR SHALL SECURE ALL CONTROL CABLES IN ACCORDANCE WITH INDUSTRY STANDARDS AND MANUFACTURERS INSTRUCTIONS. EXTERIOR CONTROL CABLES MAY BE TAPED OR TIE-WRAPPED TO EXISTING COAXIAL CABLES EVERY 4 FT. MAX. FOR HORIZONTAL RUNS. CONTRACTOR MAY USE HOISTING GRIPS AT TOP OF VERTICAL CABLE RUNS IN CERTAIN APPLICATIONS.
3. CABLES SHALL BE ROUTED AND SECURED ON STRUCTURAL MEMBERS ONLY - DO NOT "LOOP" THE CABLES IN MID-AIR BETWEEN ANTENNAS.
4. RF JUMPER CABLES NOT SHOWN.

NOTE: ALL ANTENNAS VIEWED FROM REAR



FIBER/DC POWER CABLES PROVIDED WITH ANTENNA; CONNECT TO RAYCAP OVP-2

EXIST. 'RET' CONTROL CABLE (TYP.); RE-ADJUST TO NEW ANTENNA & RRH LOCATIONS

EXISTING 1x1 HYBRID CABLES (TYP. OF 6) TO BE REMOVED; NEW FIBER/DC POWER CABLES PROVIDED WITH NEW RRH's

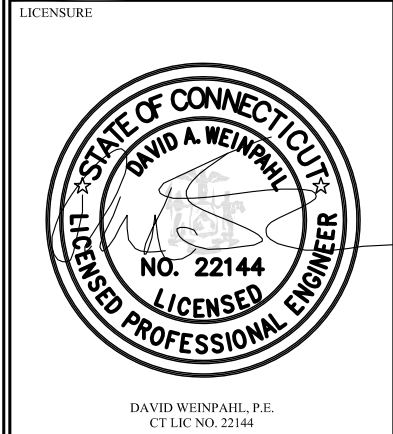
BILL OF MATERIALS			
DESCRIPTION	QTY	LENGTH	COMMENTS
LOWER OVP	2	-	NEW RACK MOUNTS TO REPLACE EXIST. WALL MOUNT OVP
6-CKT. UPPER OVP	2	-	NEW (2) RAYCAPS TO REPLACE EXISTING (1) RAYCAP
6x12 HYBRID CABLE	2	180 FT.	NEW (2) LOW INDUCTANCE HYBRID TO REPLACE (1) EXISTING
1x1 HYBRID CABLE	-	-	EXISTING TO BE REMOVED
RET CONTROL CABLE	-	-	REFER TO PLUMBING DIAGRAM; RE-USE EXIST. RET CABLES
1/2" JUMPERS	36	10 FT.	(12) PER SECTOR; SEE NOTE 2
AWS/PCS DUAL BAND RRH	3	-	B2/B66A; REMOVE EXIST. AWS RRH
700/850 DUAL BAND RRH	3	-	B5/B13; REMOVE EXIST. 700 RRH
L-SUB6 ANTENNA	3	-	SAMSUNG INTEGRATED - 1 PER SECTOR
SBNHH ANTENNA	-	-	EXISTING (6) TO REMAIN; RE-CONFIGURE TO ADD 850-LTE-PCS
SBS BRACKETS	3	-	COMMSCOPE BSAMNT-SBS-1-2
PCS ANTENNA	-	-	SHARED WITH EXISTING SBNHH ANTENNA
850-LTE ANTENNA	-	-	SHARED WITH EXISTING SBNHH ANTENNA
850-CDMA ANTENNA	-	-	EXISTING TO REMAIN - 1 PER SECTOR

NOTES:
 1. ITEMS SHOWN ARE FOR MAJOR DESIGN ELEMENTS ONLY. REFER TO VERIZON B.O.M. FOR ALL MANUFACTURER PART NUMBERS AND ACCESSORY ITEMS REQUIRED FOR A COMPLETE INSTALLATION.
 2. JUMPER LENGTH NOTED IS AVERAGE - CONTRACTOR TO FIELD FABRICATE SHORTEST JUMPER LENGTHS FOR ALL CONNECTIONS; VERIFY FINAL WIRING WITH RF ENGINEER.

1 RF PLUMBING DIAGRAM
 DE-4 Scale: N.T.S

20 ALEXANDER DRIVE
 WALLINGFORD, CT 06492

On Air Engineering, LLC
 88 Foundry Pond Road
 Cold Spring, NY 10516
 201-456-4624
 onair@optonline.net



SUBMITTALS		
NO	DATE	REVISION
0	10.15.20	REVIEW
1	12.15.20	REVISED PER MOUNT ANALYSIS
2	12.23.20	REVISED PER SA

NO	DATE	DESCRIPTION
DRAWN BY:	AS	
CHECKED BY:	DW	

PROJECT NAME:
**ANTMO
 LSub6-850-LTE-PCS
 DESIGN EXHIBITS**

SITE NAME:
WETHERSFIELD 3 CT

SITE ADDRESS:
**FIREHOUSE #3
 23 KELLEHER CT.
 WETHERSFIELD, CT 06109**

SHEET TITLE:
**RF PLUMBING
 DIAGRAM & B.O.M.**

SHEET NUMBER:
DE-4

GENERAL CONSTRUCTION NOTES:

1. CONTRACTOR SHALL NOT COMMENCE ANY WORK UNTIL HE OBTAINS, AT HIS OWN EXPENSE, ALL INSURANCE REQUIRED BY *CELLCO PARTNERSHIP d/b/a VERIZON, THE PROPERTY OWNER AND/OR PROPERTY MANAGEMENT COMPANY.*
2. ALL WORK SHALL BE DONE IN ACCORDANCE WITH ALL APPLICABLE CODES AND REGULATIONS AND ALL LOCAL LAWS AND REGULATIONS, CURRENT EDITIONS.
3. CONTRACTOR SHALL VISIT THE JOB SITE AND FAMILIARIZE HIMSELF WITH ALL CONDITIONS AFFECTING THE PROPOSED WORK AND MAKE PROVISIONS AS TO THE COST THEREOF. CONTRACTOR SHALL BE RESPONSIBLE FOR FAMILIARIZING HIMSELF WITH ALL CONTRACT DOCUMENTS, FIELD CONDITIONS AND DIMENSIONS AND CONFIRMING THAT THE WORK MAY BE ACCOMPLISHED AS SHOWN PRIOR TO PROCEEDING WITH CONSTRUCTION. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO THE COMMENCEMENT OF WORK.
4. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS, ELEVATIONS, ANGLES AND EXISTING CONDITIONS AT THE SITE PRIOR TO FABRICATION AND/OR INSTALLATION OF ANY WORK IN THE CONTRACT AREA AND SUBMIT TO THE ENGINEER ANY DISCREPANCIES FROM THE DRAWINGS.
5. CONTRACTOR IS TO REVIEW ALL DRAWINGS AND SPECIFICATIONS IN THE CONTRACT DOCUMENT SET. CONTRACTOR SHALL COORDINATE ALL WORK SHOWN IN THE SET OF DRAWINGS. CONTRACTOR SHALL PROVIDE A COMPLETE SET OF DRAWINGS TO ALL SUB-CONTRACTORS AND ALL RELATED PARTIES. THE SUB-CONTRACTORS SHALL EXAMINE ALL THE DRAWINGS AND SPECIFICATIONS FOR THE INFORMATION THAT AFFECTS THEIR WORK.
6. CONTRACTOR SHALL PROVIDE A COMPLETE BUILD-OUT WITH ALL FINISHES, STRUCTURAL, MECHANICAL AND ELECTRICAL COMPONENTS AND PROVIDE ALL ITEMS AS SHOWN OR INDICATED ON DRAWINGS OR WRITTEN IN SPECIFICATIONS.
7. CONTRACTOR SHALL FURNISH ALL MATERIAL, LABOR AND EQUIPMENT TO COMPLETE THE WORK AND FURNISH A COMPLETED JOB IN ACCORDANCE WITH LOCAL AND STATE GOVERNING AUTHORITIES AND OTHER AUTHORITIES HAVING LAWFUL JURISDICTION OVER THE WORK.
8. CONTRACTOR SHALL OBTAIN AT HIS OWN EXPENSE ALL PERMITS AND ALL INSPECTIONS REQUIRED FROM FEDERAL AND STATE GOVERNMENTS, COUNTIES, MUNICIPALITIES AND OTHER REGULATORY AGENCIES WHICH MAY BE REQUIRED FOR THE PROJECT.
10. DETAILS ARE INTENDED TO SHOW END RESULT OF DESIGN. MINOR MODIFICATIONS MAY BE REQUIRED TO SUIT JOB DIMENSIONS OR CONDITIONS, AND SUCH MODIFICATIONS SHALL BE INCLUDED AS PART OF THE WORK.
11. ALL MATERIAL PROVIDED BY *CELLCO PARTNERSHIP d/b/a VERIZON IS TO BE* REVIEWED BY CONTRACTOR AND ALL APPLICABLE SUB-CONTRACTOR PRIOR TO INSTALLATION. ANY DEFICIENCIES TO PROVIDED MATERIALS SHALL BE BROUGHT TO THE CONSTRUCTION MANAGERS ATTENTION IMMEDIATELY.
12. THE MATERIALS INSTALLED IN THE WORK SHALL MEET THE REQUIREMENTS OF THE CONTRACT DOCUMENTS. NO SUBSTITUTIONS ARE ALLOWED.
13. CONTRACTOR IS SOLELY RESPONSIBLE FOR THE MEANS AND METHODS OF CONSTRUCTION, FOR SEQUENCES AND PROCEDURES TO BE USED, AND TO ENSURE THE SAFETY OF THE EXISTING BUILDING AND ITS COMPONENT DURING CONSTRUCTION. THIS INCLUDES THE ADDITION OF WHATEVER SHORING, BRACING, UNDERPINNING, ETC. THAT MAY BE NECESSARY.
14. CONTRACTOR SHALL COORDINATE ALL CIVIL, STRUCTURAL AND ELECTRICAL DRAWINGS FOR THE LOCATION OF ALL OPENINGS, RECESSES, BUILT-IN WORK, ETC.
15. CONTRACTOR SHALL RECEIVE CLARIFICATION IN WRITING AND SHALL RECEIVE IN WRITING AUTHORIZATION TO PROCEED BEFORE STARTING WORK ON ANY ITEMS NOT CLEARLY DEFINED OR IDENTIFIED BY THE CONTRACT DOCUMENTS.
16. CONTRACTOR SHALL NOTIFY THE CONSTRUCTION MANAGER OF ALL PRODUCTS OR ITEMS NOTED AS "EXISTING" WHICH ARE NOT FOUND TO BE IN THE FIELD.

17. ERECTION SHALL BE DONE IN A WORKMANLIKE MANNER BY COMPETENT EXPERIENCED WORKMEN IN ACCORDANCE WITH APPLICABLE CODES AND THE BEST-ACCEPTED PRACTICE. ALL MEMBERS SHALL BE LAID PLUMB AND TRUE AS INDICATED ON THE DRAWINGS.
18. CONTRACTOR SHALL BE RESPONSIBLE FOR THE SAFETY OF THE WORK AREA, ADJACENT AREAS, AND BUILDING OCCUPANTS THAT ARE LIKELY TO BE AFFECTED BY THE WORK UNDER THIS CONTRACT. WORK SHALL CONFORM TO ALL O.S.H.A REQUIREMENTS.
19. CONTRACTOR SHALL COORDINATE HIS WORK AND SCHEDULE HIS ACTIVITIES AND WORKING HOURS IN ACCORDANCE WITH THE REQUIREMENTS OF THE PROPERTY OWNER AND/OR PROPERTY MANAGEMENT COMPANY.
20. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING HIS WORK WITH THE WORK OF OTHERS AS IT MAY RELATE TO RADIO EQUIPMENT, ANTENNAS AND ANY OTHER PORTIONS OF THE WORK.
21. CONTRACTOR SHALL INSTALL ALL EQUIPMENT AND MATERIALS IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS UNLESS SPECIFICALLY INDICATED OR WHERE LOCAL CODES OR REGULATIONS MAY TAKE PRECEDENCE.
22. CONTRACTOR SHALL MAKE NECESSARY PROVISIONS TO PROTECT EXISTING SURFACES, EQUIPMENT, IMPROVEMENTS, PIPING, ANTENNA AND ANTENNA CABLES AND REPAIR ANY DAMAGE THAT OCCURS DURING CONSTRUCTION.
23. CONTRACTOR SHALL REPAIR ALL EXISTING SURFACES DAMAGED DURING CONSTRUCTION SUCH THAT THEY MATCH AND BLEND WITH ADJACENT SURFACES.
24. CONTRACTOR SHALL KEEP CONTRACT AREA CLEAN, HAZARD FREE AND DISPOSE OF ALL DEBRIS AND RUBBISH. EQUIPMENT NOT SPECIFIED AS REMAINING ON THE PROPERTY OF THE OWNER SHALL BE REMOVED. LEAVE PREMISES IN CLEAN CONDITIONS AND FREE FROM PAINT SPOTS, DUST, OR SMUDGES OF ANY NATURE. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ALL ITEMS UNTIL COMPLETION OF CONSTRUCTION.
25. BEFORE FINAL ACCEPTANCE OF THE WORK, CONTRACTOR SHALL REMOVE ALL EQUIPMENT, TEMPORARY WORKS, UNUSED AND USELESS MATERIALS, RUBBISH AND TEMPORARY STRUCTURES.

verizon
WIRELESS COMMUNICATIONS FACILITY

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WALLINGFORD, CT 06492

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0	10.15.20	REVIEW
1	12.15.20	REVISED PER MOUNT ANALYSIS
2	12.23.20	REVISED PER SA

NO	DATE	DESCRIPTION

PROJECT NAME:
**ANTMO
LSub6-850-LTE-PCS
DESIGN EXHIBITS**

SITE NAME:
WETHERSFIELD 3 CT

SITE ADDRESS:
**FIREHOUSE #3
23 KELLEHER CT.
WETHERSFIELD, CT 06109**

SHEET TITLE:
**GENERAL
CONSTRUCTION
NOTES**

SHEET NUMBER:
DE-5

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

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)

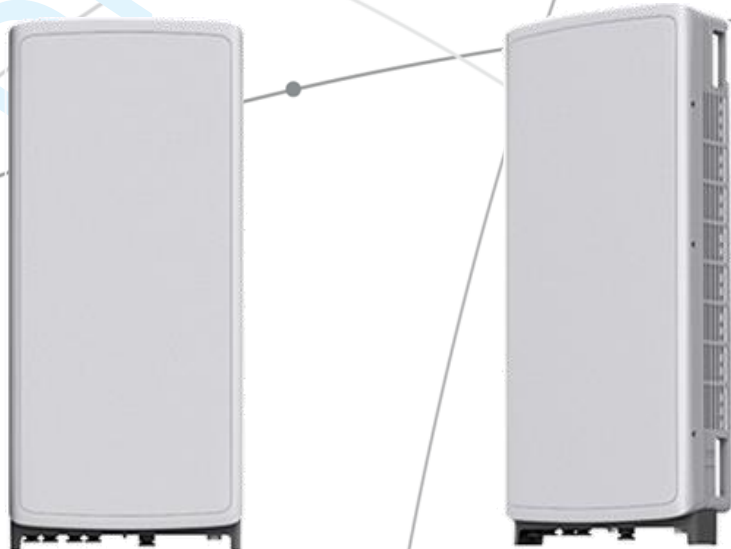
Cooling: Natural convection

SAMSUNG C-Band 64T64R Massive MIMO

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

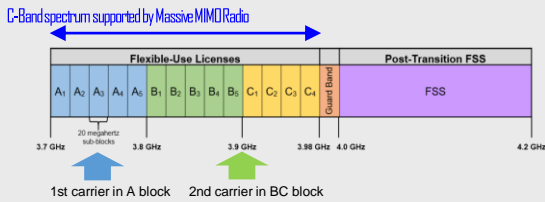


Points of Differentiation

Wide Bandwidth

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

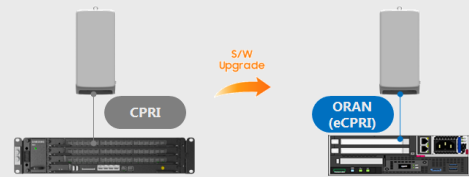
Samsung C-Band massive MIMO Radio uses C-Band 280 MHz spectrum at the same time, so it can cover all the bands the operator can be auctioned.



Future Proof Product

Samsung C-Band Massive MIMO radio supports eCPRI interface, thus, it can be used as O-RAN Massive MIMO Radio in the future. To provide O-RAN service, operators only need to update software since the hardware is already ready.

With the support of O-RAN, operators can reduce OPEX/CAPEX by increasing compatibility between equipment and get opportunity to design and develop their network with best-in-class solution that interoperate.



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 increased user throughput by minimizing interference.



Well Matched Design

Samsung's 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 48L and 87.1 lbs. This makes it easy to install the Radio.

It is designed to look solid and small, and in particular, the design with wrap around has a thinly looking effect so that it can be harmonized with the surrounding environment when installed.



Technical Specifications

Item	Specification
Tech	NR
Brand	n77
Frequency Band	3700-3980 MHz
EIRP	78.5dBm (53.0 dBm+25.5 dB)
IBW/OBW	280 MHz / 200 MHz
Installation	Pole/Wall
Size/Weight	16.06 x 35.12 x 5.51 inch (50.95L) / 87.1 lbs

DRAFT

About Samsung Electronics Co., Ltd.

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

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

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Attachment 3

	General	Power	Density					
Site Name: Wethersfield 3								
Tower Height: Verizon @ 130ft								
CARRIER	# OF CHAN.	WATTS ERP	HEIGHT	CALC. POWER DENS	FREQ.	MAX. PERMISS. EXP.	FRACTION MPE	Total
Town of Weths	1	64	167	866.01	0.0009	0.5773	0.02%	
Town of Weths	1	204	187.25	460.25	0.0022	0.3068	0.07%	
Town of Weths	1	100	190	140	0.0011	0.2000	0.05%	
Town of Weths	1	100	151.5	18000	0.0017	1.0000	0.02%	
Town of Weths	1	100	155.5	18000	0.0016	1.0000	0.02%	
Clearwire	2	153	165	2496	0.0044	1.0000	0.04%	
Clearwire	1	211	167	11 GHz	0.0029	1.0000	0.03%	
AT&T-UMTS	2	414	140	850	0.0166	0.5667	0.29%	
AT&T-PCS-UMTS	2	656	140	1900	0.0263	1.0000	0.26%	
AT&T-WCS-LTE	4	1672	140	2300	0.1339	1.0000	1.34%	
AT&T-LTE	4	1359	140	700	0.1089	0.4667	2.33%	
AT&T-AWS-LTE	4	2473	140	2100	0.1981	1.0000	1.98%	
AT&T-LTE	2	1239	140	700	0.0496	0.4667	1.06%	
AT&T-PCS-LTE	4	1876	140	1900	0.1503	1.0000	1.50%	
Sprint	4	693	123	1900	0.0728	1.0000	0.73%	
Sprint	1	390	123	850	0.0102	0.5667	0.18%	
Sprint	2	693	123	2500	0.0364	1.0000	0.36%	
Nextel	12	100	74	851	0.0933	0.5673	1.65%	
T-Mobile	2	6413	151	2500	0.2194	1.0000	2.19%	
T-Mobile	2	6413	151	2500	0.2194	1.0000	2.19%	
T-Mobile	2	592	151	600	0.0203	0.4000	0.51%	
T-Mobile	1	1578	151	600	0.0270	0.4000	0.67%	
T-Mobile	2	649	151	700	0.0222	0.4667	0.48%	
T-Mobile	2	2204	151	1900	0.0754	1.0000	0.75%	
T-Mobile	2	1295	151	2100	0.0443	1.0000	0.44%	
T-Mobile	4	1028	151	1900	0.0703	1.0000	0.70%	
T-Mobile	2	2057	151	1900	0.0704	1.0000	0.70%	
T-Mobile	2	2308	151	2100	0.0790	1.0000	0.79%	
VZW 700	4	2761	130	0.0059	751	0.5007	1.17%	
VZW Cellular LTE	2	730	130	0.0015	877.26	0.5848	0.26%	

Attachment 4

Report Date: December 23, 2020

Client: On Air Engineering, LLC
88 Foundry Pond road
Cold Spring, NY 10516
Attn: David Weinpahl, P.E.
(201) 456-4624
dweinpahl@onaireng.com

Structure: Existing 179-ft Monopole
Verizon Site Name: Wethersfield 3 CT
Site Address: 23 Kelleher Ct.
City, County, State: Wethersfield, Hartford, CT
Latitude, Longitude: 41.715417, -72.690639

PJF Project: 42920-0008.001.7805

Paul J. Ford and Company is pleased to submit this “**Structural Analysis Report**” to determine the tower stress level.

Analysis Criteria:

This analysis has been performed in accordance with the 2018 Connecticut State Building Code based upon an ultimate 3-second gust wind speed of 125 mph converted to a nominal 3-second gust wind speed of 97 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 with a maximum topographic factor, Kzt, of 1.0 and Risk Category II were used in this analysis.

Proposed Appurtenance Loads:


The structure was analyzed with the proposed loading configuration shown in Table 1 combined with the other considered equipment shown in Table 2 of this report.

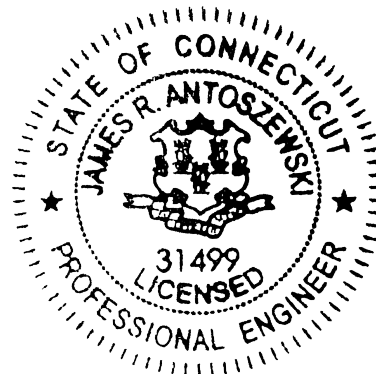
Summary of Analysis Results:

Existing Structure: Pass – 91.7%
Existing Foundation: Pass – 93.3%

We at Paul J. Ford and Company appreciate the opportunity of providing our continuing professional services to you and On Air Engineering, LLC. If you have any questions or need further assistance on this or any other projects, please give us a call.

Respectfully Submitted by:
Paul J. Ford and Company

Seth Tschanen
Seth Tschanen, P.E.
Project Engineer, 
stschanen@pauljford.com



12/23/2020

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2) ANALYSIS CRITERIA

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tnxTower Output

6) APPENDIX B

Additional Calculations

1) INTRODUCTION

This tower is a 179 ft Monopole tower designed by FWT.

2) ANALYSIS CRITERIA

TIA-222 Revision:	TIA-222-G
Risk Category:	II
Ultimate Wind Speed:	125 mph
Exposure Category:	C
Topographic Factor:	1
Ice Thickness:	1 in
Wind Speed with Ice:	50 mph
Service Wind Speed:	60 mph

Table 1 - Proposed Equipment Configuration

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)
130.0	131.0	3	amphenol	BXA-70063-4CF-EDIN-6 w/ Mount Pipe	6 2	1 5/8 (E) 1 1/4 (I)
	130.0	6	andrew	SBNHH-1D65B w/ Mount Pipe		
		2	rfs celwave	DB-B1-6C-12AB-0Z		
		3	samsung telecommunications	B2/B66A RRH-BR049		
		3	samsung telecommunications	B5/B13 RRH-BR04C		
		3	samsung telecommunications	L-SUB6 w/ Mount Pipe		
		1	tower mounts	Handrail Kit		
		1	tower mounts	Handrail Kicker Support		
		1	tower mounts	Platform Mount		

Notes:

- (E) – Coax installed external to the pole shaft
- (I) – Coax installed internally and shielded from wind

Table 2 - Other Considered Equipment

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)
181.0	188.0	1	generic	10 ft x 3" Omni	4 1 2 2	1 5/8 (I) 1 1/4 (I) 7/8 (I) 1/2 (I)
	186.0	1	generic	6 ft x 2" omni whip		
		1	generic	6 ft x 4" omni whip		
		2	generic	4 ft x 3" omni whip		
	183.0	1	miscl	4 ft x 6" Dipole		
	181.0	2	miscl	Distribution Box (20" x 12" x 7")		
1		tower mounts	T-Arm Mount			

Notes:

- (E) – Coax installed external to the pole shaft
- (I) – Coax installed internally and shielded from wind

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)
174.0	174.0	3	alcatel lucent	TD-RRH8x20-25	3 1	1 1/4 (I) 1 1/4 (E)
		1	kmw communications	ET-X-TU-42-15-37-18-IR-SP w/ Mount Pipe		
		3	pole mounts	2.375" OD x 6' Mount Pipe		
		3	rfs celwave	APXV9TM14-ALU-I20 w/ Mount Pipe		
		2	rfs celwave	APXVSP18-C w/ Mount Pipe		
		1	tower mounts	T-Arm Mount		
170.0	170.0	3	alcatel lucent	1900MHz RRH	--	--
		3	alcatel lucent	800MHZ RRH		
		1	tower mounts	Pipe Mount		
159.0	159.0	1	andrew	HP2-102	1	1/4 (I)
		1	tower mounts	Pipe Mount		
151.0	151.0	3	commscope	Generic Twin Style 1B-AWS	6 4	1 5/8 (E) 1 1/4 (E)
		3	commscope	SDX1926Q-43		
		3	ericsson	AIR -32 B2A/B66AA w/ Mount Pipe		
		3	ericsson	AIR6449 B41 w/ Mount Pipe		
		3	ericsson	RADIO 4449 B71/B85A		
		3	ericsson	RRUS 4415 B25		
		6	pole mounts	2.875" x 0.203" wall x 6' mount pipe		
		3	rfs celwave	APXVAARR24_43-U-NA20 w/ Mount Pipe		
		1	tower mounts	Handrail Kit		
		1	tower mounts	Side Arm Mount		
		1	tower mounts	T-Arm Mount		
142.0	142.0	3	ericsson	RRUS 11	--	--
		3	ericsson	RRUS 32 B2		
		1	tower mounts	Pipe Mount		

Notes:
 (E) – Coax installed external to the pole shaft
 (I) – Coax installed internally and shielded from wind

Mounting Level (ft)	Center Line Elevation (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Number of Feed Lines	Feed Line Size (in)
140.0	140.0	2	andrew	SBNHH-1D65A w/ Mount Pipe	12 2 1	1 5/8 (I) 7/16 (I) 3/8 (I)
		2	cci antennas	HPA-65R-BUU-H8 w/ Mount Pipe		
		2	cci antennas	TPA-65R-LCUUUU-H8 w/ Mount Pipe		
		3	ericsson	RRUS 32		
		3	ericsson	RRUS 32 B66		
		3	ericsson	RRUS 4478 B14		
		1	kathrein	80010964 w/ Mount Pipe		
		2	kathrein	80010966 w/ Mount Pipe		
		3	powerwave technologies	7770.00 w/ Mount Pipe		
		6	powerwave technologies	LGP21401		
		3	raycap	DC6-48-60-0-8C		
		1	tower mounts	Sector Mount		
		126.0	126.0	1		
1	tower mounts			Pipe Mount		

Notes:
 (E) – Coax installed external to the pole shaft
 (I) – Coax installed internally and shielded from wind

3) ANALYSIS PROCEDURE

Table 3 - Documents Provided

Document	Remarks	Reference	Date
Mount Modification Drawings	Maser Consulting Connecticut	20777267A	12/10/2020
Mount Analysis Report	Maser Consulting Connecticut	20777267A	12/10/2020
Construction Drawings	On Air Engineering, LLC	Wethersfield 3 CT	12/23/2020
Base Plate Modification Drawings	Ramaker & Associates, Inc.	28752	10/8/2014
Previous Structural Analysis Report	EFI Global, Inc	049.00094 - 2075004	7/29/2020
Previous Structural Analysis Report	Maser Consulting Connecticut	17963030A	12/6/2018
Previous Structural Analysis Report	Centek Engineering	15001.063	11/15/2016

3.1) Analysis Method

tnxTower (version 8.0.7.5), a commercially available analysis software package, was used to create a three-dimensional model of the tower and calculate member stresses for various loading cases. Selected output from the analysis is included in Appendix A.

3.2) Assumptions

- 1) Tower and structures were maintained in accordance with the TIA-222 standard.
- 2) The configuration of antennas, transmission cables, mounts and other appurtenances are as specified in Tables 1 and 2 and the referenced drawings.
- 3) The manufacturer drawings are not available at the time of this analysis. Therefore, we have assumed pole geometry and steel yield strengths per the referenced previous structural analyses.
- 4) At the time of analysis, foundation information and a site-specific geotechnical report was not available. Therefore, we have assumed the foundation geometry per the referenced previous structural analyses. Presumptive soil values were assumed based on sandy soil per Table F-1 of TIA-222-G.
- 5) At the time of analysis, information regarding installed shaft reinforcements was not available. For structural capacity, the pole has been considered unreinforced. Wind area for installed reinforcement plates was considered based on the referenced EFI Global structural analysis.
- 6) At the time of analysis, it was unknown if the referenced base plate modification was installed. However, in this analysis we found that the existing base plate without modifications has adequate capacity according to TIA-222-G. Therefore, we did not consider the referenced base plate modification in this analysis.

This analysis may be affected if any assumptions are not valid or have been made in error. Paul J. Ford and Company should be notified to determine the effect on the structural integrity of the tower.

4) ANALYSIS RESULTS

Table 4 - Section Capacity (Summary)

Section No.	Elevation (ft)	Component Type	Size	Critical Element	P (K)	SF*P_allow (K)	% Capacity	Pass / Fail
L1	179 - 141.25	Pole	TP33.249x23.1x0.25	1	-9.31	1748.39	24.1	Pass
L2	141.25 - 92.58	Pole	TP45.834x31.5849x0.375	2	-27.92	3714.61	50.9	Pass
L3	92.58 - 45.5	Pole	TP57.742x43.4924x0.375	3	-42.45	4311.14	71.0	Pass
L4	45.5 - 0	Pole	TP69.225x54.9755x0.375	4	-64.91	4812.99	86.2	Pass
							Summary	
						Pole (L4)	86.2	Pass
						Rating =	86.2	Pass

Table 5 - Tower Component Stresses vs. Capacity

Notes	Component	Elevation (ft)	% Capacity	Pass / Fail
1	Anchor Rods	0	91.7	Pass
1	Base Plate	0	56.6	Pass
1	Base Foundation Structural	0	73.6	Pass
1	Base Foundation Soil Interaction	0	93.3	Pass

Structure Rating (max from all components) =	93.3%
---	--------------

Notes:

- 1) See additional documentation in "Appendix B – Additional Calculations" for calculations supporting the % capacity consumed.

4.1) Recommendations

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

APPENDIX A
TNXTOWER OUTPUT

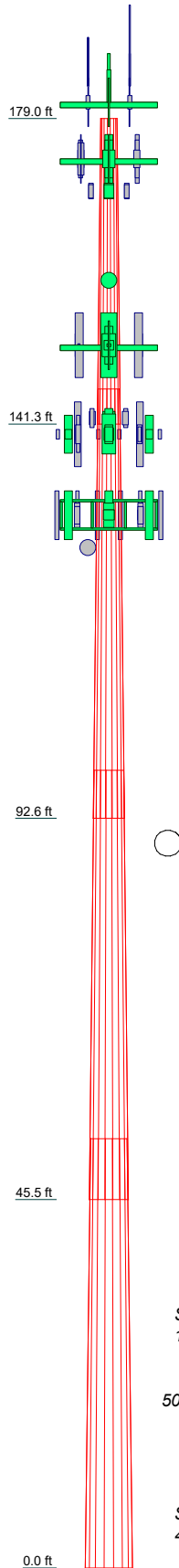
MATERIAL STRENGTH

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

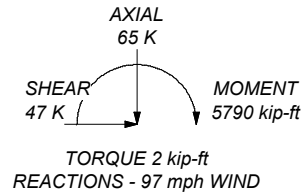
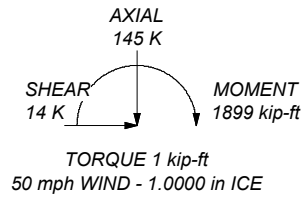
TOWER DESIGN NOTES


1. Tower is located in Hartford County, Connecticut.
2. Tower designed for Exposure C to the TIA-222-G Standard.
3. Tower designed for a 97 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 0.0000 ft
8. TOWER RATING: 86.2%

Section	1	2	3	4	
Length (ft)	37.7500	53.0000	53.0000	53.0000	
Number of Sides	18	18	18	18	
Thickness (in)	0.2500	0.3750	0.3750	0.3750	
Socket Length (ft)	4.3300	5.9200	7.5000	7.5000	
Top Dia (in)	23.1000	31.5849	43.4924	54.9755	
Bot Dia (in)	33.2490	45.8340	57.7420	69.2250	
Grade			A572-65		
Weight (K)	2.8	8.2	10.8	13.2	35.1



ALL REACTIONS
ARE FACTORED



Paul J. Ford and Company

 250 E. Broad St., Ste 600
 Columbus, OH 43215
 Phone: 614-221-6679
 FAX:

Job: 179' Monopole / Wethersfield 3 CT		
Project: 42920-0008 / 467945		
Client: Crown Castle	Drawn by: Seth Tschanen	App'd:
Code: TIA-222-G	Date: 12/22/20	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:

- 1) Tower is located in Hartford County, Connecticut.
- 2) ASCE 7-10 Wind Data is used (wind speeds converted to nominal values).
- 3) Basic wind speed of 97 mph.
- 4) Structure Class II.
- 5) Exposure Category C.
- 6) Topographic Category 1.
- 7) Crest Height 0.0000 ft.
- 8) Nominal ice thickness of 1.0000 in.
- 9) Ice thickness is considered to increase with height.
- 10) Ice density of 56.00 pcf.
- 11) A wind speed of 50 mph is used in combination with ice.
- 12) Temperature drop of 50 °F.
- 13) Deflections calculated using a wind speed of 60 mph.
- 14) A non-linear (P-delta) analysis was used.
- 15) Pressures are calculated at each section.
- 16) Stress ratio used in pole design is 1.
- 17) Local bending stresses due to climbing loads, feed line supports, and appurtenance mounts are not considered.

Options

Consider Moments - Legs Consider Moments - Horizontals Consider Moments - Diagonals Use Moment Magnification ✓ Use Code Stress Ratios ✓ Use Code Safety Factors - Guys Escalate Ice Always Use Max Kz Use Special Wind Profile Include Bolts In Member Capacity Leg Bolts Are At Top Of Section Secondary Horizontal Braces Leg Use Diamond Inner Bracing (4 Sided) SR Members Have Cut Ends SR Members Are Concentric	Distribute Leg Loads As Uniform Assume Legs Pinned ✓ Assume Rigid Index Plate ✓ Use Clear Spans For Wind Area Use Clear Spans For KL/r Retension Guys To Initial Tension ✓ Bypass Mast Stability Checks ✓ Use Azimuth Dish Coefficients ✓ Project Wind Area of Appurt. Autocalc Torque Arm Areas Add IBC .6D+W Combination Sort Capacity Reports By Component Triangulate Diamond Inner Bracing Treat Feed Line Bundles As Cylinder Ignore KL/ry For 60 Deg. Angle Legs	Use ASCE 10 X-Brace Ly Rules Calculate Redundant Bracing Forces Ignore Redundant Members in FEA SR Leg Bolts Resist Compression All Leg Panels Have Same Allowable Offset Girt At Foundation ✓ Consider Feed Line Torque Include Angle Block Shear Check Use TIA-222-G Bracing Resist. Exemption Use TIA-222-G Tension Splice Exemption <div style="text-align: center; background-color: #e0e0e0; padding: 2px;">Poles</div> ✓ Include Shear-Torsion Interaction Always Use Sub-Critical Flow Use Top Mounted Sockets Pole Without Linear Attachments Pole With Shroud Or No Appurtenances Outside and Inside Corner Radii Are Known
--	---	---

Tapered Pole Section Geometry

Section	Elevation <i>ft</i>	Section Length <i>ft</i>	Splice Length <i>ft</i>	Number of Sides	Top Diameter <i>in</i>	Bottom Diameter <i>in</i>	Wall Thickness <i>in</i>	Bend Radius <i>in</i>	Pole Grade
L1	179.0000-141.2500	37.7500	4.33	18	23.1000	33.2490	0.2500	1.0000	A572-65 (65 ksi)
L2	141.2500-92.5800	53.0000	5.92	18	31.5849	45.8340	0.3750	1.5000	A572-65 (65 ksi)
L3	92.5800-45.5000	53.0000	7.50	18	43.4924	57.7420	0.3750	1.5000	A572-65 (65 ksi)
L4	45.5000-0.0000	53.0000		18	54.9755	69.2250	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	23.4178	18.1315	1196.0325	8.1118	11.7348	101.9219	2393.6388	9.0675	3.6256	14.502
	33.7234	26.1847	3602.3567	11.7146	16.8905	213.2772	7209.4536	13.0948	5.4118	21.647
L2	33.1964	37.1476	4571.4330	11.0795	16.0451	284.9110	9148.8811	18.5773	4.8989	13.064
	46.4832	54.1076	14126.5228	16.1379	23.2837	606.7137	28271.6336	27.0589	7.4068	19.751
L3	45.7217	51.3205	12054.0604	15.3067	22.0941	545.5773	24123.9819	25.6651	6.9947	18.652
	58.5749	68.2811	28389.7820	20.3653	29.3329	967.8466	56816.9200	34.1470	9.5026	25.34
L4	57.8133	64.9883	24477.4753	19.3832	27.9276	876.4625	48987.1587	32.5003	9.0157	24.042
	70.2351	81.9487	49078.0698	24.4417	35.1663	1395.5995	98220.7178	40.9821	11.5236	30.73

Tower Elevation	Gusset Area (per face)	Gusset Thickness	Gusset Grade	Adjust. Factor A _r	Adjust. Factor A _r	Weight Mult.	Double Angle Stitch Bolt Spacing Diagonals	Double Angle Stitch Bolt Spacing Horizontals	Double Angle Stitch Bolt Spacing Redundants
ft	ft ²	in					in	in	in
L1 179.0000-141.2500				1	1	1			
L2 141.2500-92.5800				1	1	1			
L3 92.5800-45.5000				1	1	1			
L4 45.5000-0.0000				1	1	1			

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 r in	Perimeter r in	Weight plf
AVA6-50(1-1/4")	B	No	Surface Ar (CaAa)	174.0000 - 0.0000	1	1	0.000 0.000	1.5600		0.45

AL7-50(1 5/8")	C	No	Surface Ar (CaAa)	151.0000 - 0.0000	6	6	-0.200 0.000	1.9600		0.52
HB114-13U6-S12F18(1-1/4")	C	No	Surface Ar (CaAa)	151.0000 - 0.0000	4	4	-0.188 -0.063	1.5400		1.44
AL7-50(1 5/8")	C	No	Surface Ar (CaAa)	130.0000 - 0.0000	6	6	0.100 0.300	1.9600		0.52

FP 8.00 x 0.50 Reinforcement	A	No	Surface Af (CaAa)	30.0000 - 0.0000	1	1	0.000 0.000	8.0000	17.0000	13.61
FP 8.00 x 0.50 Reinforcement	C	No	Surface Af (CaAa)	30.0000 - 0.0000	1	1	0.000 0.000	8.0000	17.0000	13.61
FP 8.00 x 0.50 Reinforcement	B	No	Surface Af (CaAa)	30.0000 - 0.0000	1	1	0.000 0.000	8.0000	17.0000	13.61

Feed Line/Linear Appurtenances - Entered As Area

Description	Face or Leg	Allow Shield	Exclude From Torque Calculation	Component Type	Placement ft	Total Number	C _A A _A ft ² /ft	Weight plf
AL7-50(1-5/8")	B	No	No	Inside Pole	179.0000 - 0.0000	4	No Ice	0.52
							1/2" Ice	0.52
							1" Ice	0.52
AVA6-50(1-1/4")	B	No	No	Inside Pole	179.0000 - 0.0000	1	No Ice	0.45
							1/2" Ice	0.45

Description	Face or Leg	Allow Shield	Exclude From Torque Calculation	Component Type	Placement ft	Total Number		C _A A _A ft ² /ft	Weight plf
AL5-50(7/8")	B	No	No	Inside Pole	179.0000 - 0.0000	2	1" Ice	0.0000	0.45
							No Ice	0.0000	0.26
							1/2" Ice	0.0000	0.26
HJ4-50(1/2")	B	No	No	Inside Pole	179.0000 - 0.0000	2	1" Ice	0.0000	0.26
							No Ice	0.0000	0.25
							1/2" Ice	0.0000	0.25

AVA6-50(1-1/4")	B	No	No	Inside Pole	174.0000 - 0.0000	3	No Ice	0.0000	0.45
							1/2" Ice	0.0000	0.45
							1" Ice	0.0000	0.45

ATCB-B01(1/4")	B	No	No	Inside Pole	159.0000 - 0.0000	1	No Ice	0.0000	0.07
							1/2" Ice	0.0000	0.07
							1" Ice	0.0000	0.07

AL7-50(1 5/8")	A	No	No	Inside Pole	140.0000 - 0.0000	12	No Ice	0.0000	0.52
							1/2" Ice	0.0000	0.52
							1" Ice	0.0000	0.52
FB-L98-002-XXX (3/8")	A	No	No	Inside Pole	140.0000 - 0.0000	1	No Ice	0.0000	0.88
							1/2" Ice	0.0000	0.88
							1" Ice	0.0000	0.88
WR-VG122ST-BRDA(7/16")	A	No	No	Inside Pole	140.0000 - 0.0000	2	No Ice	0.0000	0.14
							1/2" Ice	0.0000	0.14
							1" Ice	0.0000	0.14

HB114-13U6-S12F18(1-1/4")	C	No	No	Inside Pole	130.0000 - 0.0000	2	No Ice	0.0000	1.44
							1/2" Ice	0.0000	1.44
							1" Ice	0.0000	1.44

ATCB-B01(1/4")	B	No	No	Inside Pole	126.0000 - 0.0000	1	No Ice	0.0000	0.07
							1/2" Ice	0.0000	0.07
							1" Ice	0.0000	0.07

Feed Line/Linear Appurtenances Section Areas

Tower Sectio n	Tower Elevation ft	Face	A _R ft ²	A _F ft ²	C _A A _A In Face ft ²	C _A A _A Out Face ft ²	Weight K
L1	179.0000-141.2500	A	0.000	0.000	0.000	0.000	0.00
		B	0.000	0.000	5.109	0.000	0.19
		C	0.000	0.000	17.472	0.000	0.09
L2	141.2500-92.5800	A	0.000	0.000	0.000	0.000	0.35
		B	0.000	0.000	7.593	0.000	0.27
		C	0.000	0.000	131.223	0.000	0.66
L3	92.5800-45.5000	A	0.000	0.000	0.000	0.000	0.35
		B	0.000	0.000	7.344	0.000	0.26
		C	0.000	0.000	139.733	0.000	0.70
L4	45.5000-0.0000	A	0.000	0.000	40.000	0.000	0.75
		B	0.000	0.000	47.098	0.000	0.66
		C	0.000	0.000	175.044	0.000	1.08

Feed Line/Linear Appurtenances Section Areas - With Ice

Tower Sectio n	Tower Elevation ft	Face or Leg	Ice Thickness in	A _R ft ²	A _F ft ²	C _A A _A In Face ft ²	C _A A _A Out Face ft ²	Weight K
L1	179.0000-141.2500	A	2.341	0.000	0.000	0.000	0.000	0.00
		B		0.000	0.000	20.441	0.000	0.56
		C		0.000	0.000	33.251	0.000	0.59
L2	141.2500-92.5800	A	2.268	0.000	0.000	0.000	0.000	0.35
		B		0.000	0.000	30.377	0.000	0.81
		C		0.000	0.000	242.887	0.000	4.37
L3	92.5800-45.5000	A	2.152	0.000	0.000	0.000	0.000	0.35
		B		0.000	0.000	28.696	0.000	0.76

Tower Section	Tower Elevation ft	Face or Leg	Ice Thickness in	A_R ft ²	A_F ft ²	C_{AA} In Face ft ²	C_{AA} Out Face ft ²	Weight K
L4	45.5000-0.0000	C		0.000	0.000	254.735	0.000	4.49
		A	1.929	0.000	0.000	52.909	0.000	1.38
		B		0.000	0.000	79.586	0.000	1.73
		C		0.000	0.000	295.135	0.000	5.16

Feed Line Center of Pressure

Section	Elevation ft	CP_x in	CP_z in	CP_x Ice in	CP_z Ice in
L1	179.0000-141.2500	1.6505	3.0662	2.0369	2.0034
L2	141.2500-92.5800	0.6375	10.3673	1.0792	7.5359
L3	92.5800-45.5000	0.2622	12.2809	0.8780	9.1786
L4	45.5000-0.0000	0.2075	9.6527	0.7776	8.3825

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	7	AVA6-50(1-1/4")	141.25 - 174.00	1.0000	1.0000
L1	11	AL7-50(1 5/8")	141.25 - 151.00	1.0000	1.0000
L1	12	HB114-13U6-S12F18(1-1/4")	141.25 - 151.00	1.0000	1.0000
L2	7	AVA6-50(1-1/4")	92.58 - 141.25	1.0000	1.0000
L2	11	AL7-50(1 5/8")	92.58 - 141.25	1.0000	1.0000
L2	12	HB114-13U6-S12F18(1-1/4")	92.58 - 141.25	1.0000	1.0000
L2	20	AL7-50(1 5/8")	92.58 - 130.00	1.0000	1.0000
L3	7	AVA6-50(1-1/4")	45.50 - 92.58	1.0000	1.0000
L3	11	AL7-50(1 5/8")	45.50 - 92.58	1.0000	1.0000
L3	12	HB114-13U6-S12F18(1-1/4")	45.50 - 92.58	1.0000	1.0000
L3	20	AL7-50(1 5/8")	45.50 - 92.58	1.0000	1.0000
L4	7	AVA6-50(1-1/4")	0.00 - 45.50	1.0000	1.0000
L4	11	AL7-50(1 5/8")	0.00 - 45.50	1.0000	1.0000
L4	12	HB114-13U6-S12F18(1-1/4")	0.00 - 45.50	1.0000	1.0000
L4	20	AL7-50(1 5/8")	0.00 - 45.50	1.0000	1.0000
L4	25	FP 8.00 x 0.50 Reinforcement	0.00 - 30.00	1.0000	1.0000
L4	26	FP 8.00 x 0.50 Reinforcement	0.00 - 30.00	1.0000	1.0000
L4	27	FP 8.00 x 0.50 Reinforcement	0.00 - 30.00	1.0000	1.0000

Discrete Tower Loads

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustmen t °	Placement ft	No Ice 1/2" Ice 1" Ice	C _{AA} Front ft ²	C _{AA} Side ft ²	Weight K
6 ft x 4" omni whip	A	From Face	2.0000	0.00	181.0000	No Ice	1.7895	1.7895	0.03
			0.00			1/2"	2.4559	2.4559	0.05
			5.00			Ice	2.8321	2.8321	0.07
6 ft x 2" omni whip	A	From Face	2.0000	0.00	181.0000	1" Ice	1.2000	1.2000	0.02
			0.00			No Ice	1.8025	1.8025	0.03
			5.00			1/2"	2.1698	2.1698	0.04
Distribution Box (20" x 12" x 7")	A	From Face	2.0000	0.00	181.0000	Ice	2.0000	1.1821	0.01
			0.00			1/2"	2.1815	1.3299	0.03
			0.00			Ice	2.3704	1.4848	0.05
4 ft x 3" omni whip	B	From Face	2.0000	0.00	181.0000	1" Ice	1.0000	1.0000	0.01
			0.00			No Ice	1.2477	1.2477	0.02
			4.00			1/2"	1.5046	1.5046	0.03
10 ft x 3" Omni	B	From Face	2.0000	0.00	181.0000	1" Ice	3.0000	3.0000	0.05
			0.00			No Ice	4.0333	4.0333	0.07
			7.00			1/2"	5.0269	5.0269	0.10
Distribution Box (20" x 12" x 7")	B	From Face	2.0000	0.00	181.0000	Ice	2.0000	1.1821	0.01
			0.00			1/2"	2.1815	1.3299	0.03
			0.00			Ice	2.3704	1.4848	0.05
4 ft x 3" omni whip	C	From Face	2.0000	0.00	181.0000	1" Ice	1.0000	1.0000	0.01
			0.00			No Ice	1.2477	1.2477	0.02
			4.00			1/2"	1.5046	1.5046	0.03
4 ft x 6" Dipole	C	From Face	2.0000	0.00	181.0000	1" Ice	1.2542	1.2542	0.15
			0.00			No Ice	1.9056	1.9056	0.17
			2.00			1/2"	2.1759	2.1759	0.19
(3) 2.375" OD x 6' Mount Pipe	A	From Face	2.0000	0.00	181.0000	Ice	1.4250	1.4250	0.03
			0.00			1/2"	1.9250	1.9250	0.04
			0.00			Ice	2.2939	2.2939	0.05
(3) 2.375" OD x 6' Mount Pipe	B	From Face	2.0000	0.00	181.0000	1" Ice	1.4250	1.4250	0.03
			0.00			No Ice	1.9250	1.9250	0.04
			0.00			1/2"	2.2939	2.2939	0.05
(3) 2.375" OD x 6' Mount Pipe	C	From Face	2.0000	0.00	181.0000	Ice	1.4250	1.4250	0.03
			0.00			No Ice	1.9250	1.9250	0.04
			0.00			1/2"	2.2939	2.2939	0.05
T-Arm Mount [TA 702-3]	C	None		0.00	181.0000	1" Ice	4.7500	4.7500	0.34
						No Ice	5.8200	5.8200	0.43
						1/2"	6.9800	6.9800	0.55
						Ice			

ET-X-TU-42-15-37-18-IR-SP_TIA w/ Mount Pipe	A	From Face	3.0000	0.00	174.0000	No Ice	7.5182	4.4756	0.07
			0.00			1/2"	7.9363	5.0847	0.13
			0.00			Ice	8.3621	5.7043	0.19
APXVSPP18-C_TIA w/ Mount Pipe	B	From Face	3.0000	0.00	174.0000	1" Ice	8.2619	7.4708	0.08
			0.00			No Ice	8.8215	8.6564	0.15
			0.00			1/2"	9.3462	9.5559	0.23
APXVSPP18-C_TIA w/ Mount Pipe	C	From Face	3.0000	0.00	174.0000	Ice	8.2619	7.4708	0.08
			0.00			No Ice	8.8215	8.6564	0.15
			0.00			1/2"	9.3462	9.5559	0.23
						1" Ice			

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustmen t °	Placement ft		C _{AA} Front ft ²	C _{AA} Side ft ²	Weight K
APXV9TM14-ALU-I20_TIA w/ Mount Pipe	A	From Face	3.0000 0.00 0.00	0.00	174.0000	No Ice	6.5799	4.9591	0.09
						1/2"	7.0306	5.7544	0.14
						Ice	7.4733	6.4723	0.20
APXV9TM14-ALU-I20_TIA w/ Mount Pipe	B	From Face	3.0000 0.00 0.00	0.00	174.0000	No Ice	6.5799	4.9591	0.09
						1/2"	7.0306	5.7544	0.14
						Ice	7.4733	6.4723	0.20
APXV9TM14-ALU-I20_TIA w/ Mount Pipe	C	From Face	3.0000 0.00 0.00	0.00	174.0000	No Ice	6.5799	4.9591	0.09
						1/2"	7.0306	5.7544	0.14
						Ice	7.4733	6.4723	0.20
TD-RRH8x20-25	A	From Face	3.0000 0.00 0.00	0.00	174.0000	No Ice	4.0455	1.5345	0.07
						1/2"	4.2975	1.7142	0.10
						Ice	4.5570	1.9008	0.13
TD-RRH8x20-25	B	From Face	3.0000 0.00 0.00	0.00	174.0000	No Ice	4.0455	1.5345	0.07
						1/2"	4.2975	1.7142	0.10
						Ice	4.5570	1.9008	0.13
TD-RRH8x20-25	C	From Face	3.0000 0.00 0.00	0.00	174.0000	No Ice	4.0455	1.5345	0.07
						1/2"	4.2975	1.7142	0.10
						Ice	4.5570	1.9008	0.13
2.375" OD x 6' Mount Pipe	A	From Face	3.0000 0.00 0.00	0.00	174.0000	No Ice	1.4250	1.4250	0.03
						1/2"	1.9250	1.9250	0.04
						Ice	2.2939	2.2939	0.05
2.375" OD x 6' Mount Pipe	B	From Face	3.0000 0.00 0.00	0.00	174.0000	No Ice	1.4250	1.4250	0.03
						1/2"	1.9250	1.9250	0.04
						Ice	2.2939	2.2939	0.05
2.375" OD x 6' Mount Pipe	C	From Face	3.0000 0.00 0.00	0.00	174.0000	No Ice	1.4250	1.4250	0.03
						1/2"	1.9250	1.9250	0.04
						Ice	2.2939	2.2939	0.05
T-Arm Mount [TA 602-3]	C	None		0.00	174.0000	No Ice	13.4000	13.4000	0.77
						1/2"	16.4400	16.4400	1.00
						Ice	19.7000	19.7000	1.29
*** 1900MHz RRH	A	From Face	1.5000 0.00 0.00	0.00	170.0000	No Ice	2.4917	3.2583	0.04
						1/2"	2.6954	3.4843	0.08
						Ice	2.9065	3.7176	0.11
1900MHz RRH	B	From Face	1.5000 0.00 0.00	0.00	170.0000	No Ice	2.4917	3.2583	0.04
						1/2"	2.6954	3.4843	0.08
						Ice	2.9065	3.7176	0.11
1900MHz RRH	C	From Face	1.5000 0.00 0.00	0.00	170.0000	No Ice	2.4917	3.2583	0.04
						1/2"	2.6954	3.4843	0.08
						Ice	2.9065	3.7176	0.11
800MHZ RRH	A	From Face	1.5000 0.00 0.00	0.00	170.0000	No Ice	2.1342	1.7730	0.05
						1/2"	2.3195	1.9461	0.07
						Ice	2.5123	2.1267	0.10
800MHZ RRH	B	From Face	1.5000 0.00 0.00	0.00	170.0000	No Ice	2.1342	1.7730	0.05
						1/2"	2.3195	1.9461	0.07
						Ice	2.5123	2.1267	0.10
800MHZ RRH	C	From Face	1.5000 0.00 0.00	0.00	170.0000	No Ice	2.1342	1.7730	0.05
						1/2"	2.3195	1.9461	0.07
						Ice	2.5123	2.1267	0.10
						1" Ice			

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustment °	Placement ft		C _{AA} Front ft ²	C _{AA} Side ft ²	Weight K
Pipe Mount [PM 601-3]	C	None		0.00	170.0000	No Ice	3.1700	3.1700	0.20
						1/2"	3.7900	3.7900	0.23
						Ice	4.4200	4.4200	0.28
						1" Ice			

Pipe Mount [PM 601-1]	C	None		0.00	159.0000	No Ice	1.3200	1.3200	0.07
						1/2"	1.5800	1.5800	0.08
						Ice	1.8400	1.8400	0.09
						1" Ice			

APXVAARR24_43-U-NA20_TIA w/ Mount Pipe	A	From Face	3.0000 0.00 0.00	0.00	151.0000	No Ice	20.4801	11.0240	0.19
						1/2"	21.2306	12.5496	0.32
						Ice	21.9900	14.0992	0.47
						1" Ice			
APXVAARR24_43-U-NA20_TIA w/ Mount Pipe	B	From Face	3.0000 0.00 0.00	0.00	151.0000	No Ice	20.4801	11.0240	0.19
						1/2"	21.2306	12.5496	0.32
						Ice	21.9900	14.0992	0.47
						1" Ice			
APXVAARR24_43-U-NA20_TIA w/ Mount Pipe	C	From Face	3.0000 0.00 0.00	0.00	151.0000	No Ice	20.4801	11.0240	0.19
						1/2"	21.2306	12.5496	0.32
						Ice	21.9900	14.0992	0.47
						1" Ice			
AIR -32 B2A/B66AA w/ Mount Pipe	A	From Face	3.0000 0.00 0.00	0.00	151.0000	No Ice	6.7474	6.0700	0.15
						1/2"	7.2017	6.8671	0.21
						Ice	7.6475	7.5828	0.28
						1" Ice			
AIR -32 B2A/B66AA w/ Mount Pipe	B	From Face	3.0000 0.00 0.00	0.00	151.0000	No Ice	6.7474	6.0700	0.15
						1/2"	7.2017	6.8671	0.21
						Ice	7.6475	7.5828	0.28
						1" Ice			
AIR -32 B2A/B66AA w/ Mount Pipe	C	From Face	3.0000 0.00 0.00	0.00	151.0000	No Ice	6.7474	6.0700	0.15
						1/2"	7.2017	6.8671	0.21
						Ice	7.6475	7.5828	0.28
						1" Ice			
RADIO 4449 B71/B85A	A	From Face	3.0000 0.00 0.00	0.00	151.0000	No Ice	1.6444	1.3102	0.07
						1/2"	1.8044	1.4555	0.09
						Ice	1.9719	1.6081	0.11
						1" Ice			
RADIO 4449 B71/B85A	B	From Face	3.0000 0.00 0.00	0.00	151.0000	No Ice	1.6444	1.3102	0.07
						1/2"	1.8044	1.4555	0.09
						Ice	1.9719	1.6081	0.11
						1" Ice			
RADIO 4449 B71/B85A	C	From Face	3.0000 0.00 0.00	0.00	151.0000	No Ice	1.6444	1.3102	0.07
						1/2"	1.8044	1.4555	0.09
						Ice	1.9719	1.6081	0.11
						1" Ice			
Generic Twin Style 1B-AWS	A	From Face	3.0000 0.00 0.00	0.00	151.0000	No Ice	0.7750	0.4000	0.02
						1/2"	0.8859	0.4859	0.03
						Ice	1.0043	0.5793	0.04
						1" Ice			
Generic Twin Style 1B-AWS	B	From Face	3.0000 0.00 0.00	0.00	151.0000	No Ice	0.7750	0.4000	0.02
						1/2"	0.8859	0.4859	0.03
						Ice	1.0043	0.5793	0.04
						1" Ice			
Generic Twin Style 1B-AWS	C	From Face	3.0000 0.00 0.00	0.00	151.0000	No Ice	0.7750	0.4000	0.02
						1/2"	0.8859	0.4859	0.03
						Ice	1.0043	0.5793	0.04
						1" Ice			
AIR6449 B41 w/ Mount Pipe	A	From Face	3.0000 0.00 0.00	0.00	151.0000	No Ice	5.8932	3.2839	0.12
						1/2"	6.2567	3.7423	0.17
						Ice	6.6301	4.2169	0.22
						1" Ice			
AIR6449 B41 w/ Mount Pipe	B	From Face	3.0000 0.00 0.00	0.00	151.0000	No Ice	5.8932	3.2839	0.12
						1/2"	6.2567	3.7423	0.17
						Ice	6.6301	4.2169	0.22
						1" Ice			

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustment t °	Placement ft		C _{AA} Front ft ²	C _{AA} Side ft ²	Weight K
AIR6449 B41 w/ Mount Pipe	C	From Face	3.0000 0.00 0.00	0.00	151.0000	1" Ice			
						No Ice	5.8932	3.2839	0.12
						1/2"	6.2567	3.7423	0.17
RRUS 4415 B25	A	From Face	3.0000 0.00 0.00	0.00	151.0000	Ice	6.6301	4.2169	0.22
						1" Ice			
						No Ice	1.6444	0.6788	0.04
RRUS 4415 B25	A	From Face	3.0000 0.00 0.00	0.00	151.0000	1/2"	1.8044	0.7911	0.06
						Ice	1.9719	0.9129	0.07
						No Ice	1.6444	0.6788	0.04
RRUS 4415 B25	B	From Face	3.0000 0.00 0.00	0.00	151.0000	1/2"	1.8044	0.7911	0.06
						Ice	1.9719	0.9129	0.07
						No Ice	1.6444	0.6788	0.04
RRUS 4415 B25	C	From Face	3.0000 0.00 0.00	0.00	151.0000	1" Ice			
						No Ice	1.6444	0.6788	0.04
						1/2"	1.8044	0.7911	0.06
SDX1926Q-43	A	From Face	3.0000 0.00 0.00	0.00	151.0000	Ice	1.9719	0.9129	0.07
						1" Ice			
						No Ice	0.2410	0.1013	0.01
SDX1926Q-43	A	From Face	3.0000 0.00 0.00	0.00	151.0000	1/2"	0.3063	0.1444	0.01
						Ice	0.3791	0.1948	0.01
						No Ice	0.2410	0.1013	0.01
SDX1926Q-43	B	From Face	3.0000 0.00 0.00	0.00	151.0000	1" Ice			
						No Ice	0.2410	0.1013	0.01
						1/2"	0.3063	0.1444	0.01
SDX1926Q-43	B	From Face	3.0000 0.00 0.00	0.00	151.0000	Ice	0.3791	0.1948	0.01
						1" Ice			
						No Ice	0.2410	0.1013	0.01
SDX1926Q-43	C	From Face	3.0000 0.00 0.00	0.00	151.0000	1/2"	0.3063	0.1444	0.01
						Ice	0.3791	0.1948	0.01
						No Ice	0.2410	0.1013	0.01
Miscellaneous [NA 507-1]	C	None		0.00	151.0000	1" Ice			
						No Ice	4.5600	4.5600	0.25
						1/2"	6.3900	6.3900	0.31
(2) 2.875" x 0.203" wall x 6' mount pipe	A	From Face	3.0000 0.00 0.00	0.00	151.0000	Ice	8.1800	8.1800	0.40
						1" Ice			
						No Ice	1.7250	1.7250	0.03
(2) 2.875" x 0.203" wall x 6' mount pipe	A	From Face	3.0000 0.00 0.00	0.00	151.0000	1/2"	2.0883	2.0883	0.05
						Ice	2.4595	2.4595	0.06
						No Ice	1.7250	1.7250	0.03
(2) 2.875" x 0.203" wall x 6' mount pipe	B	From Face	3.0000 0.00 0.00	0.00	151.0000	1" Ice			
						No Ice	1.7250	1.7250	0.03
						1/2"	2.0883	2.0883	0.05
(2) 2.875" x 0.203" wall x 6' mount pipe	B	From Face	3.0000 0.00 0.00	0.00	151.0000	Ice	2.4595	2.4595	0.06
						1" Ice			
						No Ice	1.7250	1.7250	0.03
(2) 2.875" x 0.203" wall x 6' mount pipe	C	From Face	3.0000 0.00 0.00	0.00	151.0000	1/2"	2.0883	2.0883	0.05
						Ice	2.4595	2.4595	0.06
						No Ice	1.7250	1.7250	0.03
Side Arm Mount [SO 102-3]	C	None		0.00	151.0000	1" Ice			
						No Ice	3.6000	3.6000	0.07
						1/2"	4.1800	4.1800	0.11
T-Arm Mount [TA 602-3]	C	None		0.00	151.0000	Ice	4.7500	4.7500	0.14
						1" Ice			
						No Ice	13.4000	13.4000	0.77
T-Arm Mount [TA 602-3]	C	None		0.00	151.0000	1/2"	16.4400	16.4400	1.00
						Ice	19.7000	19.7000	1.29
						No Ice	13.4000	13.4000	0.77
*** RRUS 11	A	From Face	1.0000 0.00 0.00	0.00	142.0000	1" Ice			
						No Ice	2.7908	1.1923	0.05
						1/2"	2.9984	1.3395	0.07
RRUS 11	A	From Face	1.0000 0.00 0.00	0.00	142.0000	Ice	3.2134	1.4957	0.10
						1" Ice			
						No Ice	2.7908	1.1923	0.05
RRUS 11	B	From Face	1.0000 0.00 0.00	0.00	142.0000	1/2"	2.9984	1.3395	0.07
						Ice	3.2134	1.4957	0.10
						No Ice	2.7908	1.1923	0.05
RRUS 11	B	From Face	1.0000 0.00 0.00	0.00	142.0000	1" Ice			
						No Ice	2.7908	1.1923	0.05
						1/2"	2.9984	1.3395	0.07
RRUS 11	C	From Face	1.0000 0.00 0.00	0.00	142.0000	Ice	3.2134	1.4957	0.10
						1" Ice			
						No Ice	2.7908	1.1923	0.05
RRUS 11	C	From Face	1.0000 0.00 0.00	0.00	142.0000	1/2"	2.9984	1.3395	0.07
						Ice	3.2134	1.4957	0.10
						No Ice	2.7908	1.1923	0.05

Description	Face or Leg	Offset Type	Offsets:			Azimuth Adjustment	Placement	C _{AA} _{Front}	C _{AA} _{Side}	Weight	
			Horz	Lateral	Vert						ft
			ft	ft	ft	°	ft	ft ²	ft ²	K	
RRUS 32 B2	A	From Face	1.0000	0.00	0.00	0.00	142.0000	1" Ice	2.7427	1.6681	0.05
			0.00	0.00	0.00			No Ice	2.9647	1.8552	0.07
			0.00	0.00	0.00			Ice	3.1941	2.0493	0.10
RRUS 32 B2	B	From Face	1.0000	0.00	0.00	0.00	142.0000	1" Ice	2.7427	1.6681	0.05
			0.00	0.00	0.00			No Ice	2.9647	1.8552	0.07
			0.00	0.00	0.00			Ice	3.1941	2.0493	0.10
RRUS 32 B2	C	From Face	1.0000	0.00	0.00	0.00	142.0000	1" Ice	2.7427	1.6681	0.05
			0.00	0.00	0.00			No Ice	2.9647	1.8552	0.07
			0.00	0.00	0.00			Ice	3.1941	2.0493	0.10
Pipe Mount [PM 601-3]	C	None				0.00	142.0000	1" Ice			
								No Ice	3.1700	3.1700	0.20
								1/2"	3.7900	3.7900	0.23
								Ice	4.4200	4.4200	0.28
***							1" Ice				
7770.00 w/ Mount Pipe	A	From Face	3.0000	0.00	0.00	0.00	140.0000	No Ice	5.7460	4.2543	0.06
			0.00	0.00	0.00			1/2"	6.1791	5.0137	0.10
			0.00	0.00	0.00			Ice	6.6067	5.7109	0.16
7770.00 w/ Mount Pipe	B	From Face	3.0000	0.00	0.00	0.00	140.0000	1" Ice	5.7460	4.2543	0.06
			0.00	0.00	0.00			No Ice	6.1791	5.0137	0.10
			0.00	0.00	0.00			Ice	6.6067	5.7109	0.16
7770.00 w/ Mount Pipe	C	From Face	3.0000	0.00	0.00	0.00	140.0000	1" Ice	5.7460	4.2543	0.06
			0.00	0.00	0.00			No Ice	6.1791	5.0137	0.10
			0.00	0.00	0.00			Ice	6.6067	5.7109	0.16
TPA-65R-LCUUUU-H8 w/ Mount Pipe	A	From Face	3.0000	0.00	0.00	0.00	140.0000	1" Ice	11.8500	8.9900	0.11
			0.00	0.00	0.00			No Ice	12.7700	9.8800	0.21
			0.00	0.00	0.00			Ice	13.7100	10.7900	0.32
TPA-65R-LCUUUU-H8 w/ Mount Pipe	B	From Face	3.0000	0.00	0.00	0.00	140.0000	1" Ice	11.8500	8.9900	0.11
			0.00	0.00	0.00			No Ice	12.7700	9.8800	0.21
			0.00	0.00	0.00			Ice	13.7100	10.7900	0.32
HPA-65R-BUU-H8 w/ Mount Pipe	A	From Face	3.0000	0.00	0.00	0.00	140.0000	1" Ice	12.2500	8.3300	0.10
			0.00	0.00	0.00			No Ice	13.1900	9.2300	0.19
			0.00	0.00	0.00			Ice	14.1600	10.1500	0.30
HPA-65R-BUU-H8 w/ Mount Pipe	B	From Face	3.0000	0.00	0.00	0.00	140.0000	1" Ice	12.2500	8.3300	0.10
			0.00	0.00	0.00			No Ice	13.1900	9.2300	0.19
			0.00	0.00	0.00			Ice	14.1600	10.1500	0.30
(2) SBNHH-1D65A_TIA w/ Mount Pipe	C	From Face	3.0000	0.00	0.00	0.00	140.0000	1" Ice	6.1948	5.2518	0.05
			0.00	0.00	0.00			No Ice	6.6368	6.0358	0.11
			0.00	0.00	0.00			Ice	7.0722	6.7414	0.17
RRUS 32	A	From Face	3.0000	0.00	0.00	0.00	140.0000	1" Ice	2.8571	1.7766	0.06
			0.00	0.00	0.00			No Ice	3.0830	1.9677	0.08
			0.00	0.00	0.00			Ice	3.3163	2.1658	0.10
RRUS 32	B	From Face	3.0000	0.00	0.00	0.00	140.0000	1" Ice	2.8571	1.7766	0.06
			0.00	0.00	0.00			No Ice	3.0830	1.9677	0.08
			0.00	0.00	0.00			Ice	3.3163	2.1658	0.10
RRUS 32	C	From Face	3.0000	0.00	0.00	0.00	140.0000	1" Ice	2.8571	1.7766	0.06
			0.00	0.00	0.00			No Ice	3.0830	1.9677	0.08
			0.00	0.00	0.00			Ice	3.3163	2.1658	0.10
(2) LGP21401	A	From Face	3.0000	0.00	0.00	0.00	140.0000	1" Ice	1.1040	0.3471	0.01
			0.00	0.00	0.00			No Ice	1.2388	0.4422	0.02
			0.00	0.00	0.00			Ice	1.3810	0.5444	0.03

Description	Face or Leg	Offset Type	Offsets:		Azimuth Adjustment	Placement		C _{AA}	C _{AA}	Weight
			Horz	Lateral				Front	Side	
			ft	ft	°	ft	ft ²	ft ²	K	
(2) LGP21401	B	From Face	3.0000		0.00	140.0000	1" Ice			
			0.00				No Ice	1.1040	0.3471	0.01
			0.00				1/2"	1.2388	0.4422	0.02
(2) LGP21401	C	From Face	3.0000		0.00	140.0000	Ice	1.3810	0.5444	0.03
			0.00				1" Ice			
			0.00				No Ice	1.1040	0.3471	0.01
80010966_TIA w/ Mount Pipe	A	From Face	3.0000		0.00	140.0000	1/2"	1.2388	0.4422	0.02
			0.00				Ice	1.3810	0.5444	0.03
			0.00				1" Ice			
80010966_TIA w/ Mount Pipe	B	From Face	3.0000		0.00	140.0000	No Ice	17.6005	9.6375	0.16
			0.00				1/2"	18.3314	11.1547	0.27
			0.00				Ice	19.0711	12.6961	0.40
80010964_TIA w/ Mount Pipe	C	From Face	3.0000		0.00	140.0000	1" Ice			
			0.00				No Ice	10.2347	5.5093	0.12
			0.00				1/2"	10.7423	6.3694	0.19
RRUS 4478 B14	A	From Face	3.0000		0.00	140.0000	Ice	11.2368	7.1188	0.27
			0.00				1" Ice			
			0.00				No Ice	2.0212	1.2459	0.06
RRUS 4478 B14	B	From Face	3.0000		0.00	140.0000	1/2"	2.1999	1.3960	0.08
			0.00				Ice	2.3860	1.5536	0.10
			0.00				1" Ice			
RRUS 4478 B14	C	From Face	3.0000		0.00	140.0000	No Ice	2.0212	1.2459	0.06
			0.00				1/2"	2.1999	1.3960	0.08
			0.00				Ice	2.3860	1.5536	0.10
RRUS 32 B66	A	From Face	3.0000		0.00	140.0000	1" Ice			
			0.00				No Ice	2.7427	1.6681	0.05
			0.00				1/2"	2.9647	1.8552	0.07
RRUS 32 B66	B	From Face	3.0000		0.00	140.0000	Ice	3.1941	2.0493	0.10
			0.00				1" Ice			
			0.00				No Ice	2.7427	1.6681	0.05
RRUS 32 B66	C	From Face	3.0000		0.00	140.0000	1/2"	2.9647	1.8552	0.07
			0.00				Ice	3.1941	2.0493	0.10
			0.00				1" Ice			
DC6-48-60-0-8C	A	From Face	3.0000		0.00	140.0000	No Ice	2.0396	2.0396	0.02
			0.00				1/2"	2.2280	2.2280	0.04
			0.00				Ice	2.4238	2.4238	0.06
DC6-48-60-0-8C	B	From Face	3.0000		0.00	140.0000	1" Ice			
			0.00				No Ice	2.0396	2.0396	0.02
			0.00				1/2"	2.2280	2.2280	0.04
DC6-48-60-0-8C	C	From Face	3.0000		0.00	140.0000	Ice	2.4238	2.4238	0.06
			0.00				1" Ice			
			0.00				No Ice	2.0396	2.0396	0.02
Sector Mount [SM 502-3]	C	None			0.00	140.0000	1/2"	2.2280	2.2280	0.04
							Ice	2.4238	2.4238	0.06
							1" Ice			
*** (2) SBNHH-1D65B_TIA w/ Mount Pipe	A	From Face	3.0000		0.00	130.0000	No Ice	29.8200	29.8200	1.67
			0.00				1/2"	42.2100	42.2100	2.27
			0.00				Ice	54.4300	54.4300	3.05
							1" Ice			

Description	Face or Leg	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustment °	Placement ft		C _A A _A Front ft ²	C _A A _A Side ft ²	Weight K
Platform Mount [LP 401-1]	C	None		0.00	130.0000	No Ice	24.0400	24.0400	1.65
						1/2" Ice	28.9300	28.9300	2.17
						Ice	33.8800	33.8800	2.76
						1" Ice			
Miscellaneous [NA 507-1]	C	None		0.00	130.0000	No Ice	4.5600	4.5600	0.25
						1/2" Ice	6.3900	6.3900	0.31
						Ice	8.1800	8.1800	0.40
						1" Ice			
Miscellaneous [NA 509-1]	C	None		0.00	130.0000	No Ice	6.3200	4.8500	0.28
						1/2" Ice	7.7900	6.3600	0.42
						Ice	9.3600	7.9400	0.60
						1" Ice			

Pipe Mount [PM 601-1]	A	None		0.00	126.0000	No Ice	1.3200	1.3200	0.07
						1/2" Ice	1.5800	1.5800	0.08
						Ice	1.8400	1.8400	0.09
						1" Ice			

Dishes

Description	Face or Leg	Dish Type	Offset Type	Offsets: Horz Lateral Vert ft ft ft	Azimuth Adjustment °	3 dB Beam Width °	Elevation ft	Outside Diameter ft	Aperture Area ft ²	Weight K	
HP2-102	C	Paraboloid w/Shroud (HP)	From Face	1.5000	0.00		159.0000	2.0000	No Ice	3.1400	0.03
				0.00					1/2" Ice	3.4100	0.04
				0.00					1" Ice	3.6800	0.06

HP2-102	A	Paraboloid w/Shroud (HP)	From Face	1.5000	0.00		126.0000	2.0000	No Ice	3.1400	0.03
				0.00					1/2" Ice	3.4100	0.04
				0.00					1" Ice	3.6800	0.06

Tower Pressures - No Ice

$G_H = 1.100$

Section Elevation ft	z ft	K _Z	q _z ksf	A _G ft ²	F a c e	A _F ft ²	A _R ft ²	A _{leg} ft ²	Leg %	C _A A _A In Face ft ²	C _A A _A Out Face ft ²
L1 179.0000-141.2500	159.1063	1.396	0.032	89.878	A	0.000	89.878	89.878	100.00	0.000	0.000
					B	0.000	89.878	100.00	5.109	0.000	
					C	0.000	89.878	100.00	17.472	0.000	
L2 141.2500-92.5800	115.8280	1.305	0.030	161.584	A	0.000	161.584	161.584	100.00	0.000	0.000
					B	0.000	161.584	100.00	7.593	0.000	
					C	0.000	161.584	100.00	131.223	0.000	
L3 92.5800-45.5000	68.4992	1.169	0.027	204.595	A	0.000	204.595	204.595	100.00	0.000	0.000
					B	0.000	204.595	100.00	7.344	0.000	
					C	0.000	204.595	100.00	139.733	0.000	
L4 45.5000-0.0000	22.9829	0.929	0.021	242.758	A	0.000	242.758	242.758	100.00	40.000	0.000
					B	0.000	242.758	100.00	47.098	0.000	
					C	0.000	242.758	100.00	175.044	0.000	

Tower Pressure - With Ice

$G_H = 1.100$

Section Elevation ft	z ft	K_z	q_z ksf	t_z in	A_G ft ²	F a c e	A_F ft ²	A_R ft ²	A_{leg} ft ²	Leg %	$C_A A_A$ In Face ft ²	$C_A A_A$ Out Face ft ²
L1 179.0000-141.2500	159.1063	1.396	0.008	2.3407	104.605	A	0.000	104.605	104.605	100.00	0.000	0.000
						B	0.000	104.605	104.605	100.00	20.441	0.000
						C	0.000	104.605	104.605	100.00	33.251	0.000
L2 141.2500-92.5800	115.8280	1.305	0.008	2.2676	180.571	A	0.000	180.571	180.571	100.00	0.000	0.000
						B	0.000	180.571	180.571	100.00	30.377	0.000
						C	0.000	180.571	180.571	100.00	242.887	0.000
L3 92.5800-45.5000	68.4992	1.169	0.007	2.1515	222.388	A	0.000	222.388	222.388	100.00	0.000	0.000
						B	0.000	222.388	222.388	100.00	28.696	0.000
						C	0.000	222.388	222.388	100.00	254.735	0.000
L4 45.5000-0.0000	22.9829	0.929	0.006	1.9289	259.074	A	0.000	259.074	259.074	100.00	52.909	0.000
						B	0.000	259.074	259.074	100.00	79.586	0.000
						C	0.000	259.074	259.074	100.00	295.135	0.000

Tower Pressure - Service

$G_H = 1.100$

Section Elevation ft	z ft	K_z	q_z ksf	A_G ft ²	F a c e	A_F ft ²	A_R ft ²	A_{leg} ft ²	Leg %	$C_A A_A$ In Face ft ²	$C_A A_A$ Out Face ft ²
L1 179.0000-141.2500	159.1063	1.396	0.011	89.878	A	0.000	89.878	89.878	100.00	0.000	0.000
					B	0.000	89.878	89.878	100.00	5.109	0.000
					C	0.000	89.878	89.878	100.00	17.472	0.000
L2 141.2500-92.5800	115.8280	1.305	0.010	161.584	A	0.000	161.584	161.584	100.00	0.000	0.000
					B	0.000	161.584	161.584	100.00	7.593	0.000
					C	0.000	161.584	161.584	100.00	131.223	0.000
L3 92.5800-45.5000	68.4992	1.169	0.009	204.595	A	0.000	204.595	204.595	100.00	0.000	0.000
					B	0.000	204.595	204.595	100.00	7.344	0.000
					C	0.000	204.595	204.595	100.00	139.733	0.000
L4 45.5000-0.0000	22.9829	0.929	0.007	242.758	A	0.000	242.758	242.758	100.00	40.000	0.000
					B	0.000	242.758	242.758	100.00	47.098	0.000
					C	0.000	242.758	242.758	100.00	175.044	0.000

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

Comb. No.	Description
21	0.9 Dead+1.6 Wind 270 deg - No Ice
22	1.2 Dead+1.6 Wind 300 deg - No Ice
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	179 - 141.25	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-30.80	-0.85	-1.02
			Max. Mx	8	-9.31	-268.62	-2.12
			Max. My	14	-9.33	-1.38	-266.71
			Max. Vy	20	-15.32	268.46	0.51
			Max. Vx	2	-15.32	1.27	266.14
			Max. Torque	2			-0.63
L2	141.25 - 92.58	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-82.64	-1.54	-3.05
			Max. Mx	8	-27.92	-1678.15	-7.36
			Max. My	2	-27.99	5.46	1654.69
			Max. Vy	8	35.86	-1678.15	-7.36
			Max. Vx	2	-35.26	5.46	1654.69
			Max. Torque	23			-2.40
L3	92.58 - 45.5	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-107.60	-2.62	-12.48
			Max. Mx	8	-42.45	-3437.88	-15.01
			Max. My	2	-42.49	10.71	3384.68
			Max. Vy	8	41.41	-3437.88	-15.01
			Max. Vx	2	-40.79	10.71	3384.68
			Max. Torque	23			-2.39
L4	45.5 - 0	Pole	Max Tension	1	0.00	0.00	0.00
			Max. Compression	26	-144.53	-3.89	-24.56
			Max. Mx	8	-64.91	-5790.33	-24.14
			Max. My	14	-64.91	-22.19	-5704.66
			Max. Vy	8	47.00	-5790.33	-24.14
			Max. Vx	2	-46.40	16.68	5702.65
			Max. Torque	23			-2.39

Maximum Reactions

Location	Condition	Gov. Load Comb.	Vertical K	Horizontal, X K	Horizontal, Z K
Pole	Max. Vert	26	144.53	0.00	0.00
	Max. H _x	20	64.95	46.92	0.08
	Max. H _z	3	48.71	0.11	46.36
	Max. M _x	2	5702.65	0.11	46.36
	Max. M _z	8	5790.33	-46.96	-0.13
	Max. Torsion	9	2.37	-46.96	-0.13
	Min. Vert	9	48.71	-46.96	-0.13
	Min. H _x	9	48.71	-46.96	-0.13
	Min. H _z	15	48.71	-0.15	-46.32
	Min. M _x	14	-5704.66	-0.15	-46.32
	Min. M _z	20	-5785.07	46.92	0.08
	Min. Torsion	23	-2.38	40.52	23.30

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	54.12	0.00	0.00	3.21	-0.12	0.00
1.2 Dead+1.6 Wind 0 deg - No Ice	64.95	-0.11	-46.36	-5702.65	16.68	0.38
0.9 Dead+1.6 Wind 0 deg - No Ice	48.71	-0.11	-46.36	-5648.85	16.54	0.37
1.2 Dead+1.6 Wind 30 deg - No Ice	64.95	23.30	-40.14	-4937.26	-2870.37	-1.00
0.9 Dead+1.6 Wind 30 deg - No Ice	48.71	23.30	-40.14	-4890.60	-2842.63	-1.01
1.2 Dead+1.6 Wind 60 deg - No Ice	64.95	40.50	-23.11	-2840.37	-4992.13	-1.93
0.9 Dead+1.6 Wind 60 deg - No Ice	48.71	40.50	-23.11	-2813.94	-4943.92	-1.94
1.2 Dead+1.6 Wind 90 deg - No Ice	64.95	46.96	0.13	24.14	-5790.33	-2.35
0.9 Dead+1.6 Wind 90 deg - No Ice	48.71	46.96	0.13	22.91	-5734.68	-2.37
1.2 Dead+1.6 Wind 120 deg - No Ice	64.95	40.57	23.28	2872.76	-5004.22	-2.30
0.9 Dead+1.6 Wind 120 deg - No Ice	48.71	40.57	23.28	2844.04	-4955.87	-2.32
1.2 Dead+1.6 Wind 150 deg - No Ice	64.95	23.49	40.18	4950.53	-2898.32	-1.63
0.9 Dead+1.6 Wind 150 deg - No Ice	48.71	23.49	40.18	4901.78	-2870.31	-1.63
1.2 Dead+1.6 Wind 180 deg - No Ice	64.95	0.15	46.32	5704.66	-22.19	-0.44
0.9 Dead+1.6 Wind 180 deg - No Ice	48.71	0.15	46.32	5648.89	-21.93	-0.44
1.2 Dead+1.6 Wind 210 deg - No Ice	64.95	-23.32	40.08	4935.42	2872.51	0.99
0.9 Dead+1.6 Wind 210 deg - No Ice	48.71	-23.32	40.08	4886.81	2844.83	1.00
1.2 Dead+1.6 Wind 240 deg - No Ice	64.95	-40.48	23.10	2845.41	4990.20	1.93
0.9 Dead+1.6 Wind 240 deg - No Ice	48.71	-40.48	23.10	2816.97	4942.08	1.94
1.2 Dead+1.6 Wind 270 deg - No Ice	64.95	-46.92	-0.08	-8.08	5785.07	2.35
0.9 Dead+1.6 Wind 270 deg - No Ice	48.71	-46.92	-0.08	-8.98	5729.06	2.37
1.2 Dead+1.6 Wind 300 deg - No Ice	64.95	-40.52	-23.30	-2868.93	4997.23	2.37
0.9 Dead+1.6 Wind 300 deg - No Ice	48.71	-40.52	-23.30	-2842.21	4949.02	2.38

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
1.2 Dead+1.6 Wind 330 deg - No Ice	64.95	-23.46	-40.19	-4946.09	2895.59	1.63
0.9 Dead+1.6 Wind 330 deg - No Ice	48.71	-23.46	-40.19	-4899.33	2867.66	1.64
1.2 Dead+1.0 Ice+1.0 Temp	144.53	-0.00	-0.00	24.56	-3.89	0.00
1.2 Dead+1.0 Wind 0 deg+1.0 Ice+1.0 Temp	144.53	-0.03	-14.35	-1844.13	0.37	0.12
1.2 Dead+1.0 Wind 30 deg+1.0 Ice+1.0 Temp	144.53	7.19	-12.42	-1593.27	-941.25	-0.21
1.2 Dead+1.0 Wind 60 deg+1.0 Ice+1.0 Temp	144.53	12.49	-7.16	-907.18	-1632.67	-0.44
1.2 Dead+1.0 Wind 90 deg+1.0 Ice+1.0 Temp	144.53	14.44	0.03	30.13	-1887.42	-0.55
1.2 Dead+1.0 Wind 120 deg+1.0 Ice+1.0 Temp	144.53	12.51	7.20	963.40	-1635.86	-0.55
1.2 Dead+1.0 Wind 150 deg+1.0 Ice+1.0 Temp	144.53	7.24	12.43	1644.63	-948.47	-0.41
1.2 Dead+1.0 Wind 180 deg+1.0 Ice+1.0 Temp	144.53	0.04	14.34	1892.50	-9.60	-0.13
1.2 Dead+1.0 Wind 210 deg+1.0 Ice+1.0 Temp	144.53	-7.20	12.41	1640.70	933.90	0.21
1.2 Dead+1.0 Wind 240 deg+1.0 Ice+1.0 Temp	144.53	-12.49	7.15	956.31	1624.34	0.44
1.2 Dead+1.0 Wind 270 deg+1.0 Ice+1.0 Temp	144.53	-14.43	-0.02	21.80	1878.14	0.55
1.2 Dead+1.0 Wind 300 deg+1.0 Ice+1.0 Temp	144.53	-12.50	-7.20	-914.56	1626.26	0.57
1.2 Dead+1.0 Wind 330 deg+1.0 Ice+1.0 Temp	144.53	-7.23	-12.43	-1595.65	939.94	0.41
Dead+Wind 0 deg - Service	54.12	-0.02	-9.92	-1211.24	3.46	0.08
Dead+Wind 30 deg - Service	54.12	4.98	-8.59	-1048.21	-610.91	-0.22
Dead+Wind 60 deg - Service	54.12	8.66	-4.94	-601.99	-1062.44	-0.42
Dead+Wind 90 deg - Service	54.12	10.05	0.03	7.59	-1232.49	-0.51
Dead+Wind 120 deg - Service	54.12	8.68	4.98	613.80	-1065.03	-0.50
Dead+Wind 150 deg - Service	54.12	5.02	8.60	1055.95	-616.87	-0.35
Dead+Wind 180 deg - Service	54.12	0.03	9.91	1216.57	-4.81	-0.10
Dead+Wind 210 deg - Service	54.12	-4.99	8.57	1052.72	611.19	0.21
Dead+Wind 240 deg - Service	54.12	-8.66	4.94	607.97	1061.85	0.42
Dead+Wind 270 deg - Service	54.12	-10.04	-0.02	0.73	1231.08	0.51
Dead+Wind 300 deg - Service	54.12	-8.67	-4.98	-608.08	1063.35	0.51
Dead+Wind 330 deg - Service	54.12	-5.02	-8.60	-1050.10	616.10	0.35

Solution Summary

Load Comb.	Sum of Applied Forces			Sum of Reactions			% Error
	PX K	PY K	PZ K	PX K	PY K	PZ K	
1	0.00	-54.12	0.00	0.00	54.12	-0.00	0.000%
2	-0.11	-64.95	-46.36	0.11	64.95	46.36	0.006%
3	-0.11	-48.71	-46.36	0.11	48.71	46.36	0.005%
4	23.30	-64.95	-40.14	-23.30	64.95	40.14	0.000%
5	23.30	-48.71	-40.14	-23.30	48.71	40.14	0.000%
6	40.50	-64.95	-23.11	-40.50	64.95	23.11	0.000%
7	40.50	-48.71	-23.11	-40.50	48.71	23.11	0.000%
8	46.96	-64.95	0.13	-46.96	64.95	-0.13	0.006%
9	46.96	-48.71	0.13	-46.96	48.71	-0.13	0.005%
10	40.57	-64.95	23.28	-40.57	64.95	-23.28	0.000%
11	40.57	-48.71	23.28	-40.57	48.71	-23.28	0.000%
12	23.49	-64.95	40.18	-23.49	64.95	-40.18	0.000%

Load Comb.	Sum of Applied Forces			Sum of Reactions			% Error
	PX K	PY K	PZ K	PX K	PY K	PZ K	
13	23.49	-48.71	40.18	-23.49	48.71	-40.18	0.000%
14	0.15	-64.95	46.33	-0.15	64.95	-46.32	0.006%
15	0.15	-48.71	46.33	-0.15	48.71	-46.32	0.005%
16	-23.32	-64.95	40.08	23.32	64.95	-40.08	0.000%
17	-23.32	-48.71	40.08	23.32	48.71	-40.08	0.000%
18	-40.48	-64.95	23.10	40.48	64.95	-23.10	0.000%
19	-40.48	-48.71	23.10	40.48	48.71	-23.10	0.000%
20	-46.92	-64.95	-0.08	46.92	64.95	0.08	0.002%
21	-46.92	-48.71	-0.08	46.92	48.71	0.08	0.005%
22	-40.52	-64.95	-23.30	40.52	64.95	23.30	0.000%
23	-40.52	-48.71	-23.30	40.52	48.71	23.30	0.000%
24	-23.46	-64.95	-40.19	23.46	64.95	40.19	0.000%
25	-23.46	-48.71	-40.19	23.46	48.71	40.19	0.000%
26	0.00	-144.53	0.00	0.00	144.53	0.00	0.000%
27	-0.03	-144.53	-14.35	0.03	144.53	14.35	0.001%
28	7.19	-144.53	-12.42	-7.19	144.53	12.42	0.001%
29	12.49	-144.53	-7.16	-12.49	144.53	7.16	0.001%
30	14.44	-144.53	0.03	-14.44	144.53	-0.03	0.001%
31	12.51	-144.53	7.20	-12.51	144.53	-7.20	0.001%
32	7.24	-144.53	12.43	-7.24	144.53	-12.43	0.001%
33	0.04	-144.53	14.34	-0.04	144.53	-14.34	0.001%
34	-7.20	-144.53	12.41	7.20	144.53	-12.41	0.001%
35	-12.49	-144.53	7.15	12.49	144.53	-7.15	0.001%
36	-14.43	-144.53	-0.02	14.43	144.53	0.02	0.001%
37	-12.50	-144.53	-7.20	12.50	144.53	7.20	0.001%
38	-7.23	-144.53	-12.43	7.23	144.53	12.43	0.001%
39	-0.02	-54.12	-9.92	0.02	54.12	9.92	0.002%
40	4.99	-54.12	-8.59	-4.99	54.12	8.59	0.002%
41	8.67	-54.12	-4.94	-8.67	54.12	4.94	0.002%
42	10.05	-54.12	0.03	-10.05	54.12	-0.03	0.002%
43	8.68	-54.12	4.98	-8.68	54.12	-4.98	0.002%
44	5.03	-54.12	8.60	-5.03	54.12	-8.60	0.002%
45	0.03	-54.12	9.91	-0.03	54.12	-9.91	0.002%
46	-4.99	-54.12	8.58	4.99	54.12	-8.57	0.002%
47	-8.66	-54.12	4.94	8.66	54.12	-4.94	0.002%
48	-10.04	-54.12	-0.02	10.04	54.12	0.02	0.002%
49	-8.67	-54.12	-4.98	8.67	54.12	4.98	0.002%
50	-5.02	-54.12	-8.60	5.02	54.12	8.60	0.002%

Non-Linear Convergence Results

Load Combination	Converged?	Number of Cycles	Displacement Tolerance	Force Tolerance
1	Yes	6	0.00000001	0.00000001
2	Yes	13	0.00008961	0.00010832
3	Yes	13	0.00006082	0.00009166
4	Yes	17	0.00000001	0.00006849
5	Yes	16	0.00000001	0.00013341
6	Yes	17	0.00000001	0.00007047
7	Yes	16	0.00000001	0.00013734
8	Yes	13	0.00008949	0.00013271
9	Yes	13	0.00006072	0.00011168
10	Yes	17	0.00000001	0.00006895
11	Yes	16	0.00000001	0.00013400
12	Yes	17	0.00000001	0.00007118
13	Yes	16	0.00000001	0.00013866
14	Yes	13	0.00008962	0.00012032
15	Yes	13	0.00006082	0.00010075
16	Yes	17	0.00000001	0.00006948
17	Yes	16	0.00000001	0.00013540
18	Yes	17	0.00000001	0.00006818
19	Yes	16	0.00000001	0.00013261
20	Yes	14	0.00003463	0.00006565
21	Yes	13	0.00006073	0.00013110
22	Yes	17	0.00000001	0.00007186
23	Yes	16	0.00000001	0.00014002
24	Yes	17	0.00000001	0.00006887

25	Yes	16	0.00000001	0.00013407
26	Yes	10	0.00000001	0.00001351
27	Yes	15	0.00009515	0.00007941
28	Yes	15	0.00009496	0.00011806
29	Yes	15	0.00009495	0.00011891
30	Yes	15	0.00009511	0.00008109
31	Yes	15	0.00009490	0.00012165
32	Yes	15	0.00009489	0.00012251
33	Yes	15	0.00009508	0.00008093
34	Yes	15	0.00009490	0.00012018
35	Yes	15	0.00009491	0.00012014
36	Yes	15	0.00009511	0.00008063
37	Yes	15	0.00009495	0.00011937
38	Yes	15	0.00009496	0.00011770
39	Yes	13	0.00000001	0.00003044
40	Yes	13	0.00000001	0.00002725
41	Yes	13	0.00000001	0.00003211
42	Yes	13	0.00000001	0.00003143
43	Yes	13	0.00000001	0.00002602
44	Yes	13	0.00000001	0.00003197
45	Yes	13	0.00000001	0.00003057
46	Yes	13	0.00000001	0.00002994
47	Yes	13	0.00000001	0.00002638
48	Yes	13	0.00000001	0.00003150
49	Yes	13	0.00000001	0.00003352
50	Yes	13	0.00000001	0.00002623

Maximum Tower Deflections - Service Wind

Section No.	Elevation ft	Horz. Deflection in	Gov. Load Comb.	Tilt °	Twist °
L1	179 - 141.25	24.20	42	1.12	0.00
L2	145.58 - 92.58	16.60	42	1.03	0.00
L3	98.5 - 45.5	7.66	42	0.74	0.00
L4	53 - 0	2.21	42	0.38	0.00

Critical Deflections and Radius of Curvature - Service Wind

Elevation ft	Appurtenance	Gov. Load Comb.	Deflection in	Tilt °	Twist °	Radius of Curvature ft
181.0000	6 ft x 4" omni whip	42	24.20	1.12	0.00	83914
174.0000	ET-X-TU-42-15-37-18-IR-SP_TIA w/ Mount Pipe	42	23.04	1.11	0.00	83914
170.0000	1900MHz RRH	42	22.11	1.10	0.00	46619
159.0000	HP2-102	42	19.58	1.07	0.00	20978
151.0000	APXVAARR24_43-U-NA20_TIA w/ Mount Pipe	42	17.79	1.05	0.00	14984
142.0000	RRUS 11	42	15.83	1.01	0.00	12011
140.0000	7770.00 w/ Mount Pipe	42	15.41	1.00	0.00	11722
130.0000	(2) SBNHH-1D65B_TIA w/ Mount Pipe	42	13.35	0.95	0.00	10479
126.0000	HP2-102	42	12.55	0.93	0.00	10053

Maximum Tower Deflections - Design Wind

Section No.	Elevation ft	Horz. Deflection in	Gov. Load Comb.	Tilt °	Twist °
L1	179 - 141.25	113.74	8	5.25	0.01
L2	145.58 - 92.58	78.03	8	4.84	0.01
L3	98.5 - 45.5	36.02	8	3.49	0.00
L4	53 - 0	10.40	8	1.80	0.00

Critical Deflections and Radius of Curvature - Design Wind

Elevation ft	Appurtenance	Gov. Load Comb.	Deflection in	Tilt °	Twist °	Radius of Curvature ft
181.0000	6 ft x 4" omni whip	8	113.74	5.25	0.01	18234
174.0000	ET-X-TU-42-15-37-18-IR-SP_TIA w/ Mount Pipe	8	108.27	5.20	0.01	18234
170.0000	1900MHz RRH	8	103.91	5.17	0.01	10129
159.0000	HP2-102	8	92.05	5.04	0.01	4556
151.0000	APXVAARR24_43-U-NA20_TIA w/ Mount Pipe	8	83.61	4.93	0.01	3252
142.0000	RRUS 11	8	74.41	4.77	0.01	2602
140.0000	7770.00 w/ Mount Pipe	8	72.42	4.73	0.01	2537
130.0000	(2) SBNHH-1D65B_TIA w/ Mount Pipe	8	62.74	4.49	0.01	2259
126.0000	HP2-102	8	59.01	4.38	0.01	2163

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	179 - 141.25 (1)	TP33.249x23.1x0.25	37.750 0	0.0000	0.0	25.261 0	-9.31	1748.39	0.005
L2	141.25 - 92.58 (2)	TP45.834x31.5849x0.375	53.000 0	0.0000	0.0	52.213 2	-27.92	3714.61	0.008
L3	92.58 - 45.5 (3)	TP57.742x43.4924x0.375	53.000 0	0.0000	0.0	65.881 0	-42.45	4311.14	0.010
L4	45.5 - 0 (4)	TP69.225x54.9755x0.375	53.000 0	0.0000	0.0	81.948 7	-64.91	4812.99	0.013

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	179 - 141.25 (1)	TP33.249x23.1x0.25	269.49	1144.56	0.235	0.00	1144.56	0.000
L2	141.25 - 92.58 (2)	TP45.834x31.5849x0.375	1678.16	3348.51	0.501	0.00	3348.51	0.000
L3	92.58 - 45.5 (3)	TP57.742x43.4924x0.375	3437.92	4912.18	0.700	0.00	4912.18	0.000
L4	45.5 - 0 (4)	TP69.225x54.9755x0.375	5790.38	6830.50	0.848	0.00	6830.50	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	179 - 141.25 (1)	TP33.249x23.1x0.25	15.36	874.20	0.018	0.17	2294.63	0.000
L2	141.25 - 92.58 (2)	TP45.834x31.5849x0.375	35.86	1857.31	0.019	2.36	6713.85	0.000
L3	92.58 - 45.5 (3)	TP57.742x43.4924x0.375	41.41	2155.57	0.019	2.35	9846.42	0.000
L4	45.5 - 0 (4)	TP69.225x54.9755x0.375	47.00	2406.49	0.020	2.35	13689.00	0.000

Pole Interaction Design Data

Section No.	Elevation ft	Ratio P_u	Ratio M_{ux}	Ratio M_{uy}	Ratio V_u	Ratio T_u	Comb. Stress Ratio	Allow. Stress Ratio	Criteria
		ϕP_n	ϕM_{nx}	ϕM_{ny}	ϕV_n	ϕT_n			
L1	179 - 141.25 (1)	0.005	0.235	0.000	0.018	0.000	0.241	1.000	4.8.2
L2	141.25 - 92.58 (2)	0.008	0.501	0.000	0.019	0.000	0.509	1.000	4.8.2
L3	92.58 - 45.5 (3)	0.010	0.700	0.000	0.019	0.000	0.710	1.000	4.8.2
L4	45.5 - 0 (4)	0.013	0.848	0.000	0.020	0.000	0.862	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	179 - 141.25	Pole	TP33.249x23.1x0.25	1	-9.31	1748.39	24.1	Pass	
L2	141.25 - 92.58	Pole	TP45.834x31.5849x0.375	2	-27.92	3714.61	50.9	Pass	
L3	92.58 - 45.5	Pole	TP57.742x43.4924x0.375	3	-42.45	4311.14	71.0	Pass	
L4	45.5 - 0	Pole	TP69.225x54.9755x0.375	4	-64.91	4812.99	86.2	Pass	
							Summary		
							Pole (L4)	86.2	Pass
							RATING =	86.2	Pass

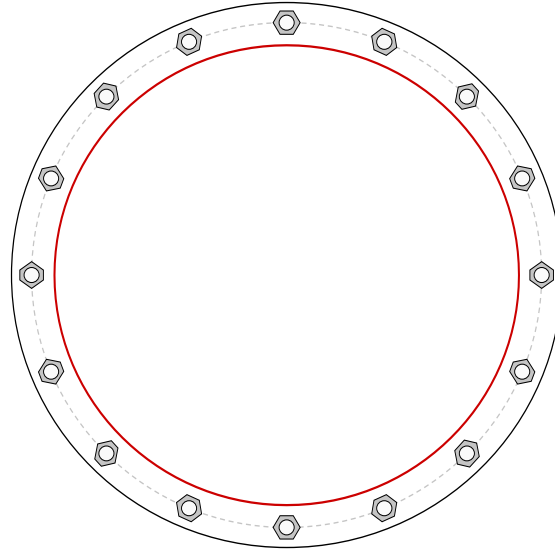
APPENDIX B
ADDITIONAL CALCULATIONS

Monopole Base Plate Connection

Site Info	
BU #	467945
Site Name	Wethersfield 3 CT
Order #	

Analysis Considerations	
TIA-222 Revision	G
Grout Considered:	No
l_{ar} (in)	2.25
Eta Factor, η	0.5

Applied Loads	
Moment (kip-ft)	5790.38
Axial Force (kips)	64.91
Shear Force (kips)	47.00



Connection Properties	Analysis Results
-----------------------	------------------

Anchor Rod Data	
(16) 2-1/4" ϕ bolts (A615-75 N; $F_y=75$ ksi, $F_u=100$ ksi) on 76" BC	
Base Plate Data	
82" OD x 2.25" Plate (A572-60; $F_y=60$ ksi, $F_u=75$ ksi)	
Stiffener Data	
N/A	
Pole Data	
69.225" x 0.375" 18-sided pole (A572-65; $F_y=65$ ksi, $F_u=80$ ksi)	

Anchor Rod Summary		<i>(units of kips, kip-in)</i>
$Pu_c = 232.54$	$\phi Pn_t = 260$	Stress Rating
$Vu = 2.94$	$\phi Vn = n/a$	91.7%
$Mu = n/a$	$\phi Mn = n/a$	Pass
Base Plate Summary		
Max Stress (ksi):	30.54	(Flexural)
Allowable Stress (ksi):	54	
Stress Rating:	56.6%	Pass

Pier and Pad Foundation

BU #: 467945
 Site Name: Wethersfield 3 CT
 App. Number:

TIA-222 Revision: G
 Tower Type: Monopole

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

Superstructure Analysis Reactions		
Compression, P_{comp} :	64.95	kips
Base Shear, V_{u_comp} :	46.96	kips
Moment, M_u :	5790.38	ft-kips
Tower Height, H :	179	ft
BP Dist. Above Fdn, bp_{dist} :	3	in

Foundation Analysis Checks				
	Capacity	Demand	Rating	Check
<i>Lateral (Sliding) (kips)</i>	299.40	46.96	15.7%	Pass
<i>Bearing Pressure (ksf)</i>	2.25	2.08	92.4%	Pass
<i>Overturning (kip*ft)</i>	6570.13	6130.84	93.3%	Pass
<i>Pier Flexure (Comp.) (kip*ft)</i>	8149.69	6001.70	73.6%	Pass
<i>Pier Compression (kip)</i>	27087.80	110.91	0.4%	Pass
<i>Pad Flexure (kip*ft)</i>	3598.09	2217.55	61.6%	Pass
<i>Pad Shear - 1-way (kips)</i>	748.54	307.44	41.1%	Pass
<i>Pad Shear - 2-way (Comp) (ksi)</i>	0.164	0.061	37.3%	Pass

Pier Properties		
Pier Shape:	Circular	
Pier Diameter, $dpier$:	8.5	ft
Ext. Above Grade, E :	0.5	ft
Pier Rebar Size, Sc :	9	
Pier Rebar Quantity, mc :	41	
Pier Tie/Spiral Size, St :	4	
Pier Tie/Spiral Quantity, mt :	14	
Pier Reinforcement Type:	Tie	
Pier Clear Cover, cc_{pier} :	3	in

Soil Rating: 93.3%
 Structural Rating: 73.6%

Pad Properties		
Depth, D :	6.5	ft
Pad Width, W_1 :	30	ft
Pad Thickness, T :	2.5	ft
Pad Rebar Size (Bottom dir. 2), Sp_2 :	9	
Pad Rebar Quantity (Bottom dir. 2), mp_2 :	33	
Pad Clear Cover, cc_{pad} :	3	in

Material Properties		
Rebar Grade, F_y :	60	ksi
Concrete Compressive Strength, F'_c :	3	ksi
Dry Concrete Density, δ_c :	150	pcf

Soil Properties		
Total Soil Unit Weight, γ :	110	pcf
Ultimate Gross Bearing, Q_{ult} :	3.000	ksf
Cohesion, C_u :	0.000	ksf
Friction Angle, ϕ :	30	degrees
SPT Blow Count, N_{blows} :		
Base Friction, μ :		
Neglected Depth, N :	3.33	ft
Foundation Bearing on Rock?	No	
Groundwater Depth, gw :	N/A	ft

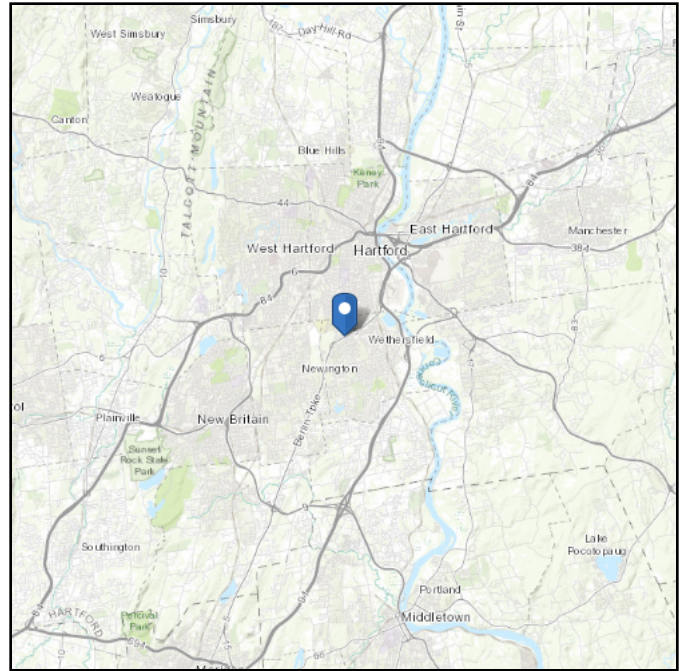
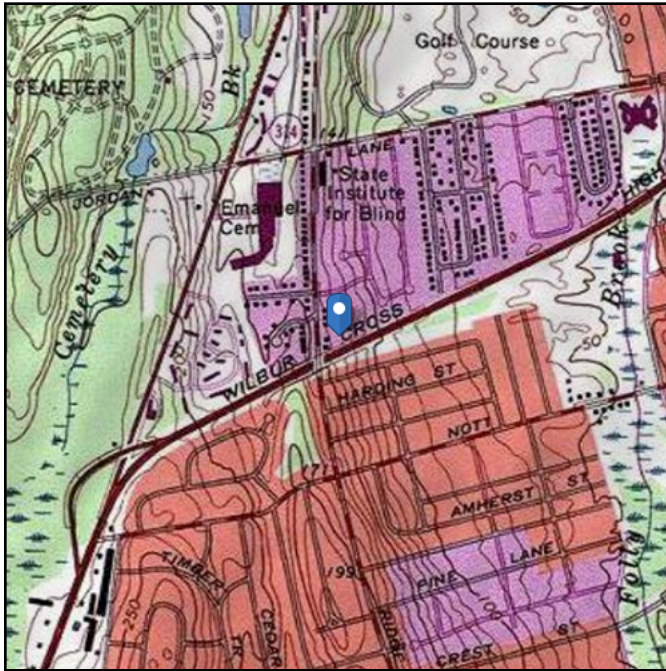
<-- Toggle between Gross and Net

ASCE 7 Hazards Report

Address:
No Address at This Location

Standard: ASCE/SEI 7-10
Risk Category: II
Soil Class: D - Stiff Soil

Elevation: 131.05 ft (NAVD 88)
Latitude: 41.715417
Longitude: -72.690639



Wind

Results:

Wind Speed:	123 Vmph
10-year MRI	77 Vmph
25-year MRI	86 Vmph
50-year MRI	93 Vmph
100-year MRI	100 Vmph

Data Source: ASCE/SEI 7-10, Fig. 26.5-1A and Figs. CC-1–CC-4, incorporating errata of March 12, 2014

Date Accessed: Fri Dec 18 2020

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

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

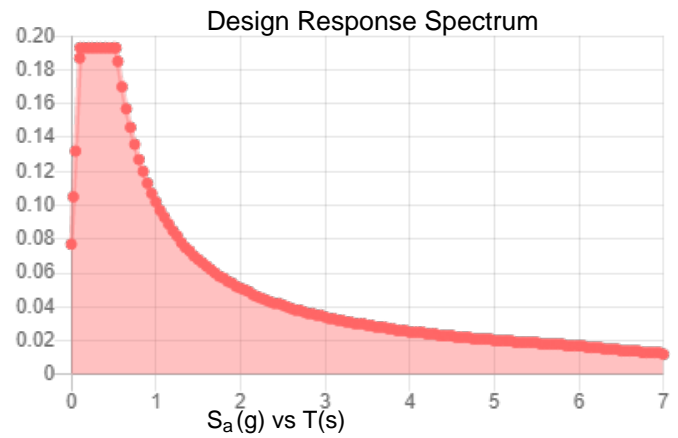
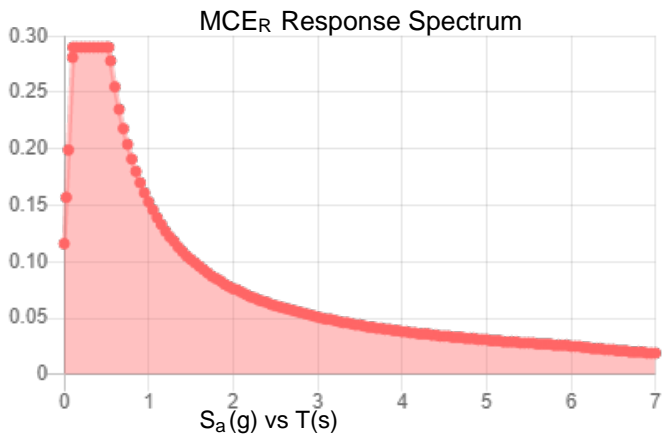
Mountainous terrain, gorges, ocean promontories, and special wind regions should be examined for unusual wind conditions.

Site Soil Class: D - Stiff Soil

Results:

S_s :	0.181	S_{DS} :	0.193
S_1 :	0.064	S_{D1} :	0.102
F_a :	1.6	T_L :	6
F_v :	2.4	PGA :	0.092
S_{MS} :	0.29	PGA_M :	0.147
S_{M1} :	0.153	F_{PGA} :	1.6
		I_e :	1

Seismic Design Category B



Data Accessed:

Fri Dec 18 2020

Date Source:

USGS Seismic Design Maps based on ASCE/SEI 7-10, incorporating Supplement 1 and errata of March 31, 2013, and ASCE/SEI 7-10 Table 1.5-2. Additional data for site-specific ground motion procedures in accordance with ASCE/SEI 7-10 Ch. 21 are available from USGS.

Ice

Results:

Ice Thickness: 1.00 in.

Concurrent Temperature: 5 F

Gust Speed: 50 mph

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

Date Accessed: Fri Dec 18 2020

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

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

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

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GDulnik@maserconsulting.com

Post-Mod Antenna Mount Analysis Report and PMI Requirements

Mount Fix

SMART Tool Project #: 10024368
Maser Consulting Connecticut Project #: 20777267A

December 10, 2020

Site Information

Site ID: 467945-VZW / Wethersfield 3 CT
Site Name: Wethersfield 3 CT
Carrier Name: Verizon Wireless
Address: 23 Kelleher Court
Wethersfield, Connecticut 06109
Hartford County
Latitude: 41.715417°
Longitude: -72.690639°

Structure Information

Tower Type: 175-Ft Monopole
Mount Type: 14.50-Ft Platform

FUZE ID # 16092617

Analysis Results

Platform: **53.3% Pass**

***Contractor PMI Requirements:

Included at the end of this MA report

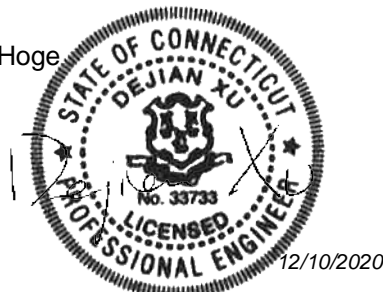
Available & Submitted via portal at <https://pmi.vzwsmart.com>

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: Conner Hoge



Executive Summary:

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

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

Sources of Information:

Document Type	Remarks
<i>Radio Frequency Data Sheet (RFDS)</i>	<i>Verizon RFDS Site ID: 675093, dated October 7, 2020</i>
<i>Mount Mapping Report</i>	<i>Tower Engineering Professionals, Site ID: 467945, dated October 23, 2020</i>
<i>Previous Mount Analysis Report</i>	<i>Maser Consulting Project #:20777267A, dated November 17, 2020</i>
<i>Mount Modification Design</i>	<i>Maser Consulting Project #:20777267A, dated December 10, 2020</i>

Analysis Criteria:

Codes and Standards:	ANSI/TIA-222-H	
Wind Parameters:	Basic Wind Speed (Ultimate 3-sec. Gust), V_{ULT} :	118 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 :	0.995
Seismic Parameters:	S_s :	0.194
	S_1 :	0.055
Maintenance Parameters:	Wind Speed (3-sec. Gust):	30 mph
	Maintenance Live Load, L_v :	250 lbs.
	Maintenance Live Load, L_m :	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
130.50	130.00	3	-	nL-Sub6 Antenna	Added
		3	Samsung	B2/B66A RRH-BR049	
		3	Samsung	B5/B13 RRH-BR04C	
		2	RFS	DB-B1-6C-12AB-0Z	
		6	Andrew	SBNHH-1D65B	Retained
		3	Amphenol Antel	BXA-70063-4CF	

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

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

Analysis Results:

Component	Utilization %	Pass/Fail
<i>Standoff Angle</i>	<i>35.0%</i>	<i>Pass</i>
<i>Standoff Vertical Plate</i>	<i>17.0%</i>	<i>Pass</i>
<i>Face Horizontal</i>	<i>34.0%</i>	<i>Pass</i>
<i>Face Plates</i>	<i>6.0%</i>	<i>Pass</i>
<i>Standoff Pipe</i>	<i>12.0%</i>	<i>Pass</i>
<i>Support Rail</i>	<i>32.0%</i>	<i>Pass</i>
<i>Cross Member</i>	<i>26.0%</i>	<i>Pass</i>
<i>Standoff Channel</i>	<i>53.3%</i>	<i>Pass</i>
<i>Stabilizer Angle</i>	<i>50.0%</i>	<i>Pass</i>
<i>Mount Connection</i>	<i>24.8%</i>	<i>Pass</i>

Structure Rating – (Controlling Utilization of all Components)	53.3%
---	--------------

Recommendation:


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

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

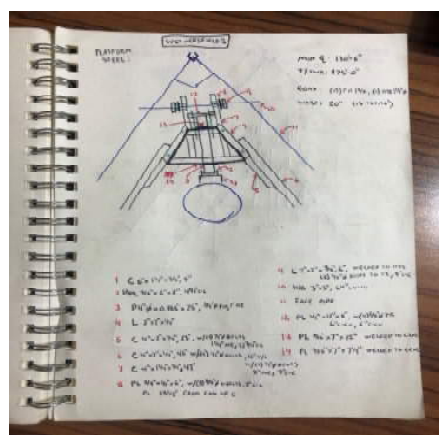
Attachments:

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



	Antenna Mount Mapping Form (PATENT PENDING)			FCC #
				N/A
Tower Owner:	Town of Wethersfield	Mapping Date:	10/23/2020	
Site Name:	Wethersfield 3 CT	Tower Type:	Monopole	
Site Number or ID:	467945	Tower Height (Ft.):	175	
Mapping Contractor:	TEP	Mount Elevation (Ft.):	130.5	

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



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	2.4"Øx0.15"x72"	46.00	0.00	C1	2.4"Øx0.15"x72"	46.00	0.00
A2	2.4"Øx0.15"x72"	42.00	83.00	C2	2.4"Øx0.15"x72"	42.00	83.00
A3	2.4"Øx0.15"x72"	48.00	144.00	C3	2.4"Øx0.15"x72"	48.00	144.00
A4	2.4"Øx0.15"x72"	46.00	174.00	C4	2.4"Øx0.15"x72"	46.00	174.00
A5				C5			
A6				C6			
B1	2.4"Øx0.15"x72"	46.00	0.00	D1			
B2	2.4"Øx0.15"x72"	42.00	83.00	D2			
B3	2.4"Øx0.15"x72"	48.00	144.00	D3			
B4	2.4"Øx0.15"x72"	46.00	174.00	D4			
B5				D5			
B6				D6			

Distance between bottom rail and mount CL elevation (dim d). Unit is inches. See 'Mount Elev Ref' tab for details. : 0.00

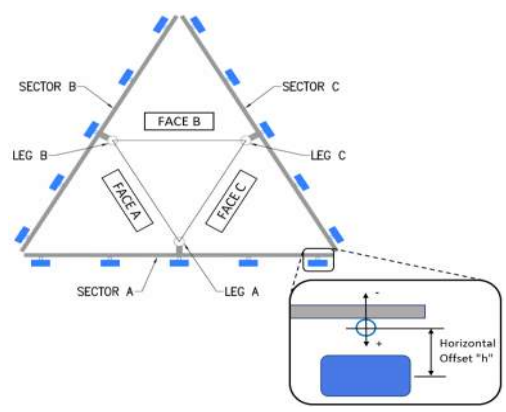
Distance from top of bottom support rail to lowest tip of ant./eqpt. of Carrier above. (N/A if > 10 ft.):

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

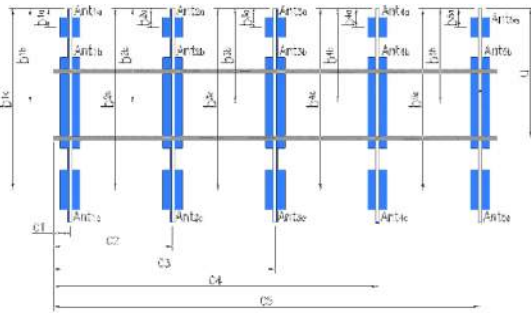
Please enter additional information or comments below.

Coax: (12)1.625FH, (1)1.5"Ø Hybrid

Tower Face Width at Mount Elev. (ft.):	37.81	Tower Leg Size or Pole Shaft Diameter at Mount Elev. (in.):	
--	-------	---	--



Ants. Items	Enter antenna model. If not labeled, enter "Unknown".						Mounting Locations [Units are inches and degrees]			Photos of antennas
	Antenna Models if Known	Width (in.)	Depth (in.)	Height (in.)	Coax Size and Qty	Antenna Center-line (Ft.)	Vertical Distances "b _{1a} , b _{2a} , b _{3a} , b _{1b} ,..." (Inches)	Horiz. Offset "h" (Use "-" if Ant. is behind)	Antenna Azimuth (Degrees)	Photo Numbers
Sector A										
Ant _{1a}	B66a RRH 4x45	12.00	7.30	25.80		133.583	9.00	-7.00		91
Ant _{1b}	SBNHH-1D65B	11.85	7.00	72.87	see notes	131.667	32.00	8.00	60.00	90
Ant _{1c}										
Ant _{2a}	B13 RRH4x30	11.97	7.18	21.20		132.667	16.00	-7.00		94
Ant _{2b}	BXA-70063-4CF-EDIN	11.30	6.00	71.00	see notes	130.833	38.00	13.00	60.00	93
Ant _{2c}										
Ant _{3a}										
Ant _{3b}	SBNHH-1D65B	11.85	7.00	72.87	see notes	131.833	32.00	8.00	60.00	33
Ant _{3c}										
Ant _{4a}										
Ant _{4b}	BXA-70063-4CF-EDIN	11.30	6.00	71.00	see notes	131.167	38.00	13.00	60.00	99
Ant _{4c}										
Ant _{5a}										
Ant _{5b}										
Ant _{5c}										
Ant on Standoff										
Ant on Standoff										
Ant on Tower										
Ant on Tower										



Antenna Layout (Looking Out From Tower)

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.



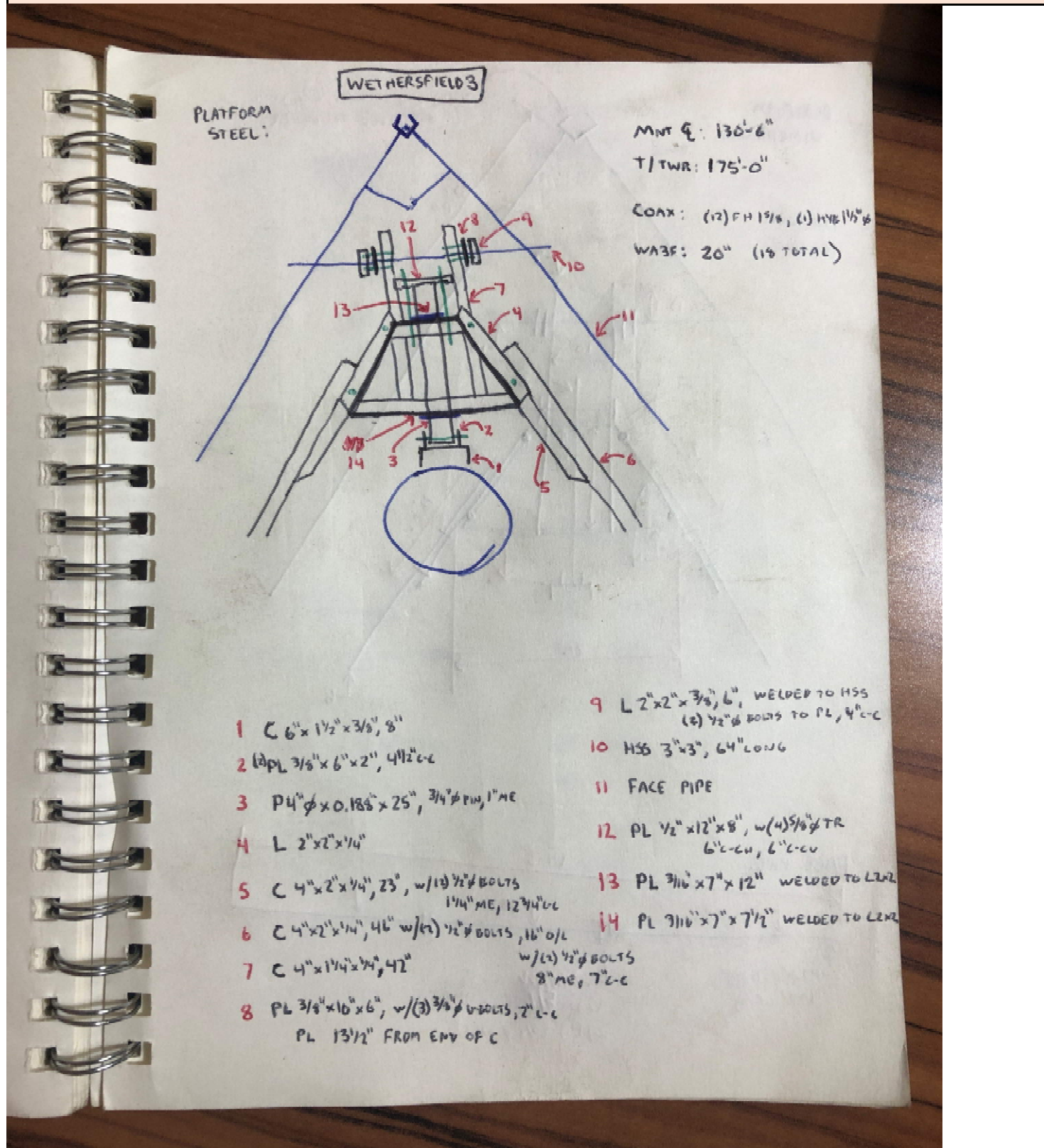
Antenna Mount Mapping Form (PATENT PENDING)

FCC #
N/A

Tower Owner:	Town of Wethersfield	Mapping Date:	10/23/2020
Site Name:	Wethersfield 3 CT	Tower Type:	Monopole
Site Number or ID:	467945	Tower Height (FT):	175
Mapping Contractor:	TEP	Mount Elevation (FT):	130.5

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

Please Insert Sketches of the Antenna Mount



PLATFORM
STEEL:

WETHERSFIELD 3

MNT E: 130'-6"

T/TWR: 175'-0"

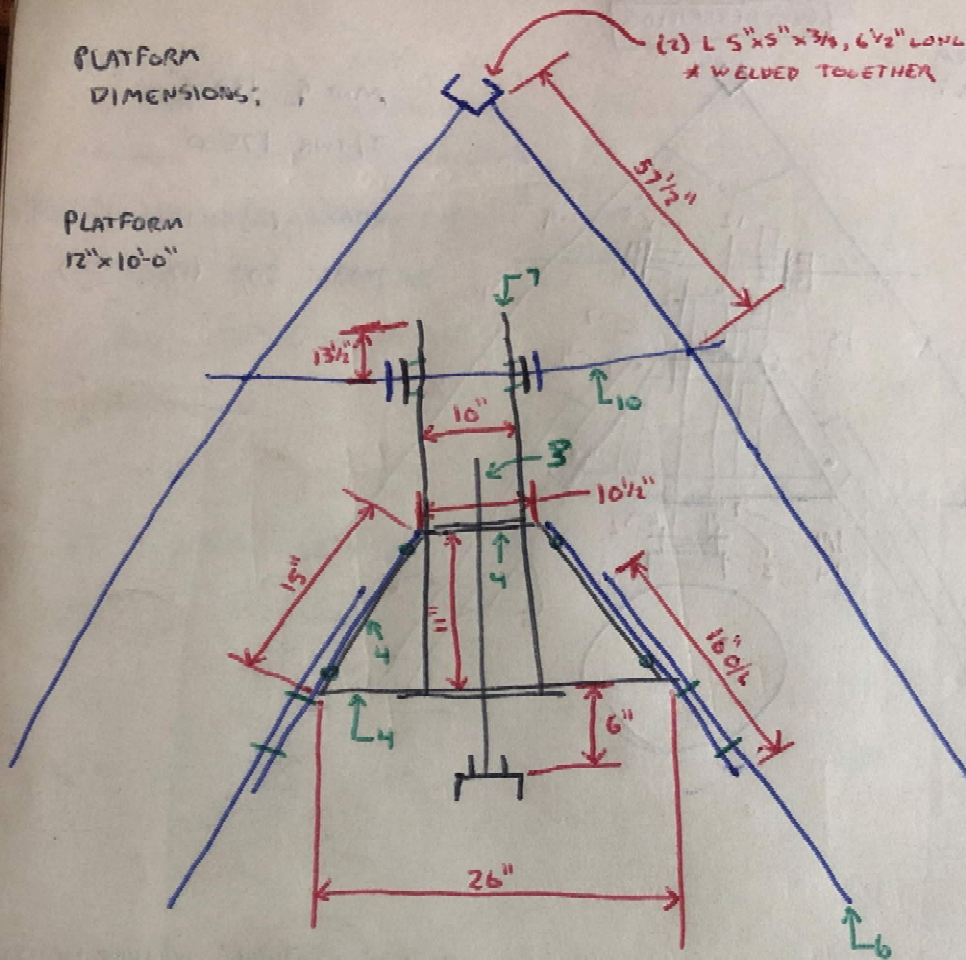
COAX: (12) FH 1 1/8", (1) HVB 1 1/8"

WABS: 20" (18 TOTAL)

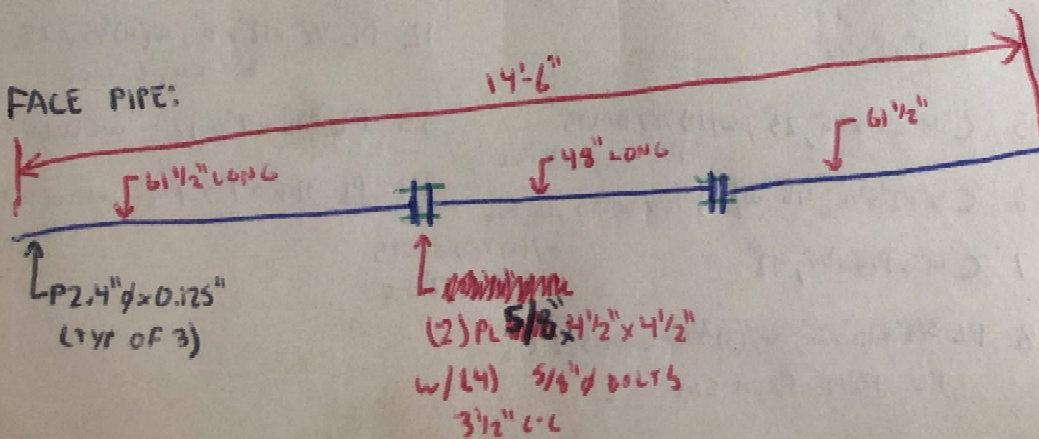
- | | |
|---|--|
| <p>1 C 6" x 1 1/2" x 3/8", 8"</p> <p>2 1/2" PL 3/8" x 6" x 2", 4 1/2" L-C</p> <p>3 P 4" φ x 0.188" x 25", 3/4" φ PW, 1" ME</p> <p>4 L 2" x 2" x 1/4"</p> <p>5 C 4" x 2" x 1/4", 23", w/ (10) 1/2" φ BOLTS
1 1/4" ME, 12 3/4" L-C</p> <p>6 C 4" x 2" x 1/4", 46" w/ (4) 1/2" φ BOLTS, 16" O/L</p> <p>7 C 4" x 1 1/4" x 1/4", 42" w/ (4) 1/2" φ BOLTS
8" ME, 7" L-C</p> <p>8 PL 3/8" x 16" x 6", w/ (3) 3/8" φ BOLTS, 2" L-C
PL 13 1/2" FROM END OF C</p> | <p>9 L 2" x 2" x 3/8", 6", WELDED TO HSS
(2) 1/2" φ BOLTS TO PL, 4" L-C</p> <p>10 HSS 3" x 3", 64" LONG</p> <p>11 FACE PIPE</p> <p>12 PL 1/2" x 12" x 8", w/ (4) 5/8" φ TR
6" L-C-U, 6" L-C-U</p> <p>13 PL 3/16" x 7" x 12" WELDED TO L&R</p> <p>14 PL 3/16" x 7" x 7 1/2" WELDED TO L&R</p> |
|---|--|

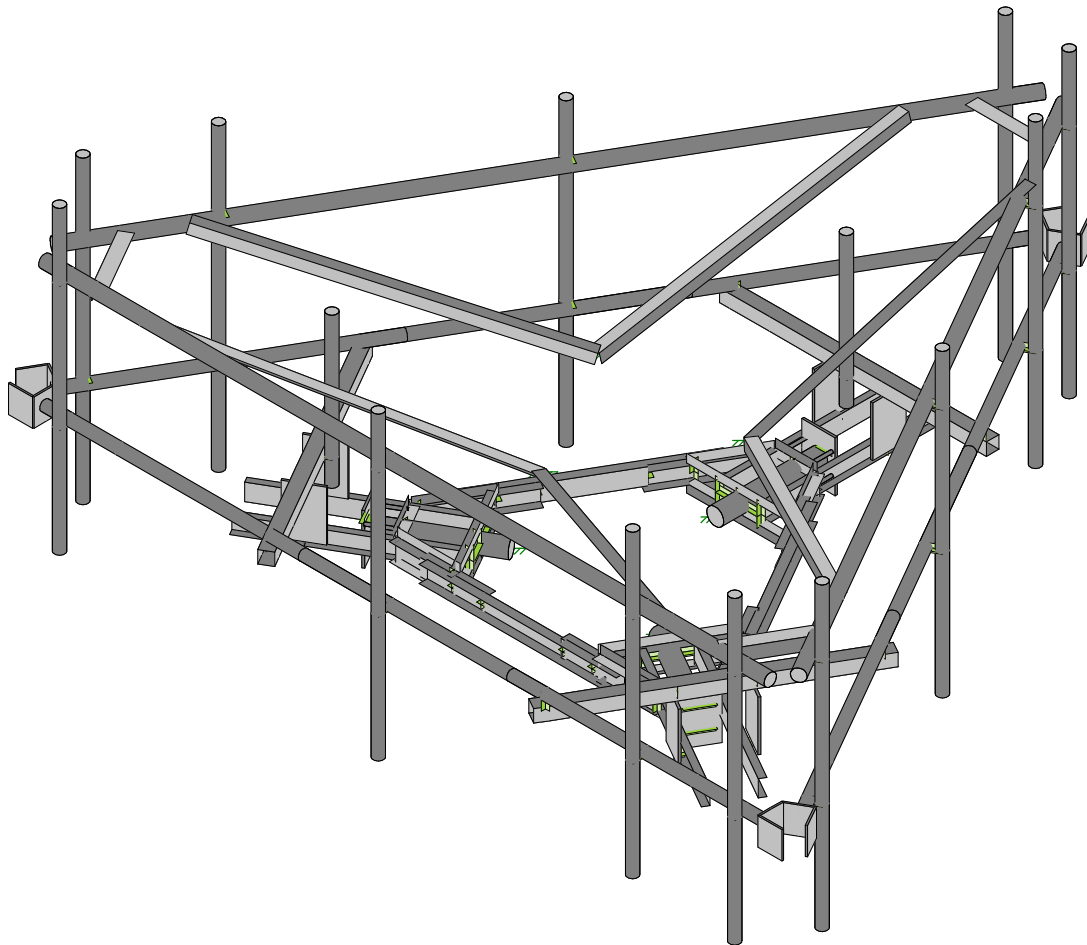
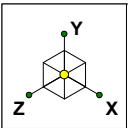
PLATFORM
DIMENSIONS:

PLATFORM
12" x 10'-0"



FACE PIPE:





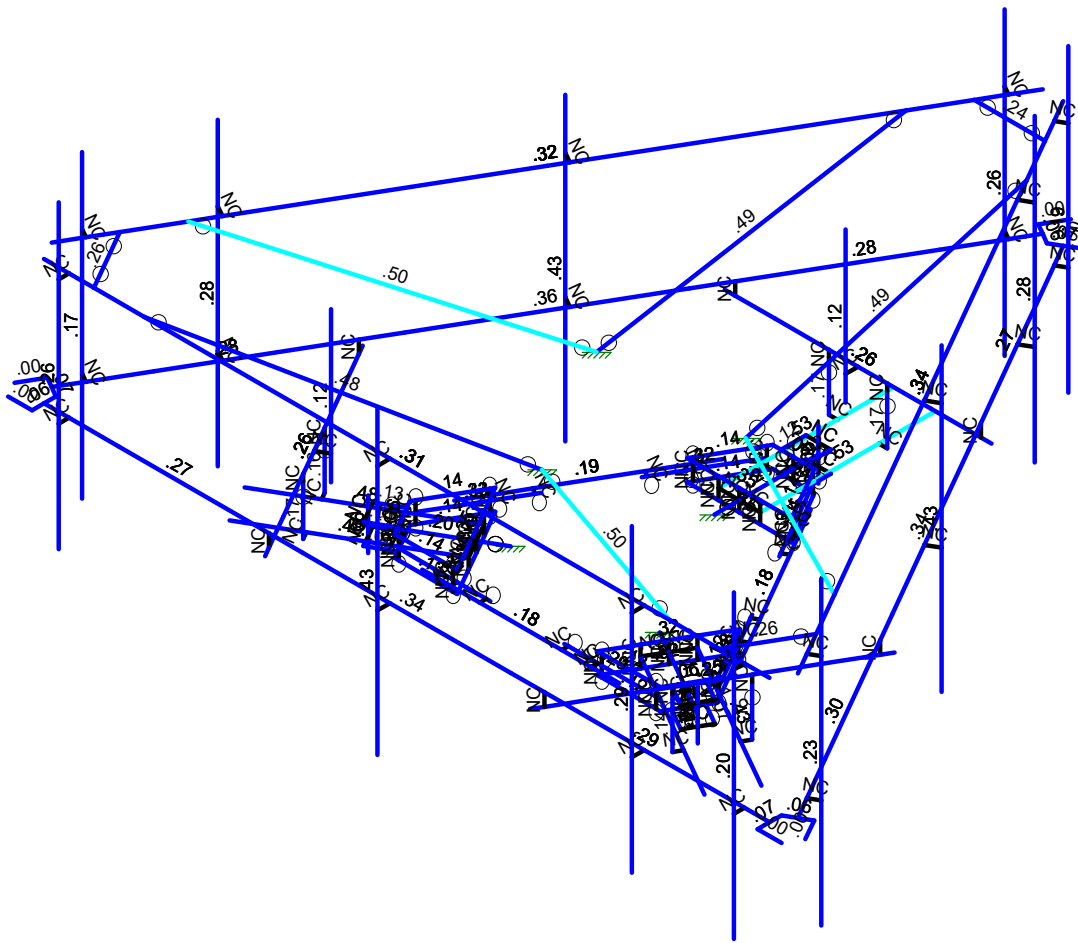
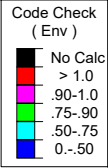
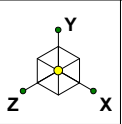
Envelope Only Solution

467945-VZW_MT_LO_H

Rendered Model

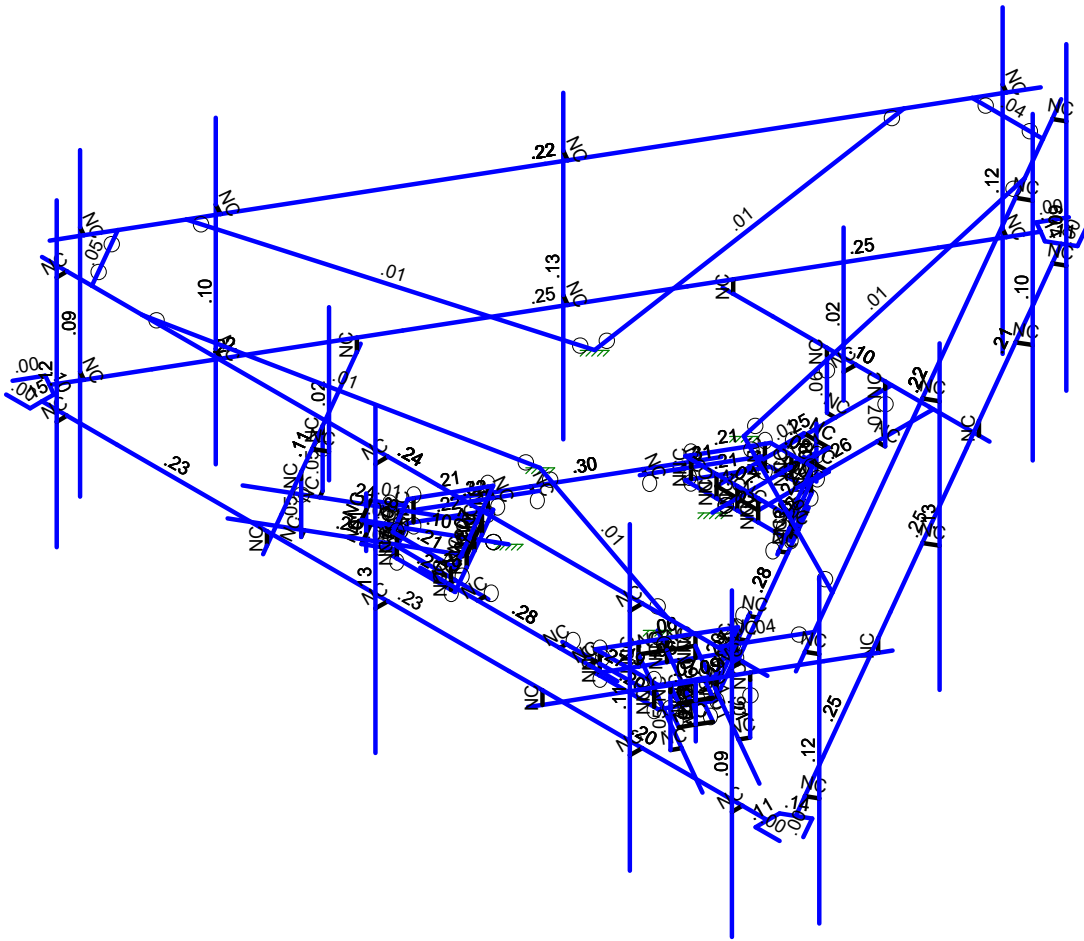
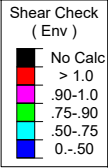
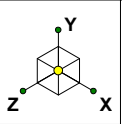
Dec 9, 2020 at 10:27 AM

Mod_467945-VZW_MT_LO_H.r3d



Member Code Checks Displayed (Enveloped)
Envelope Only Solution

	467945-VZW_MT_LO_H	Unity Bending
		Dec 9, 2020 at 10:28 AM
		Mod_467945-VZW_MT_LO_H.r3d



Member Shear Checks Displayed (Enveloped)
Envelope Only Solution

467945-VZW_MT_LO_H

Shear Check

Dec 9, 2020 at 10:28 AM

Mod_467945-VZW_MT_LO_H.r3d



Company :
 Designer :
 Job Number :
 Model Name : 467945-VZW_MT_LO_H

Dec 9, 2020
 10:29 AM
 Checked By: _____

Basic Load Cases

	BLC Description	Category	X Gravi...	Y Gravi...	Z Gravity	Joint	Point	Distrib...	Area(M...	Surfac...
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					6	
40	Structure Di	None						113	6	
41	Structure Wo (0 Deg)	None						226		
42	Structure Wo (30 Deg)	None						226		
43	Structure Wo (60 Deg)	None						226		
44	Structure Wo (90 Deg)	None						226		
45	Structure Wo (120 Deg)	None						226		
46	Structure Wo (150 Deg)	None						226		
47	Structure Wo (180 Deg)	None						226		
48	Structure Wo (210 Deg)	None						226		
49	Structure Wo (240 Deg)	None						226		
50	Structure Wo (270 Deg)	None						226		
51	Structure Wo (300 Deg)	None						226		
52	Structure Wo (330 Deg)	None						226		
53	Structure Wi (0 Deg)	None						226		
54	Structure Wi (30 Deg)	None						226		
55	Structure Wi (60 Deg)	None						226		
56	Structure Wi (90 Deg)	None						226		



Company :
 Designer :
 Job Number :
 Model Name : 467945-VZW_MT_LO_H

Dec 9, 2020
 10:29 AM
 Checked By: _____

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diaphragm
15	N15	-0.	-0.208333	-3.304583	0	
16	N16	-0.416667	0.208333	-2.222053	0	
17	N17	0.416667	0.208333	-2.222053	0	
18	N18	-0.416667	-0.208333	-2.222053	0	
19	N19	0.416667	-0.208333	-2.222053	0	
20	N20	-0.416667	0.208333	-3.304583	0	
21	N21	0.416667	0.208333	-3.304583	0	
22	N22	-0.416667	-0.208333	-3.304583	0	
23	N23	0.416667	-0.208333	-3.304583	0	
24	N34	-1.041669	0.208333	-2.222053	0	
25	N35	1.041669	0.208333	-2.222053	0	
26	N31	-1.041669	-0.208333	-2.222053	0	
27	N32	1.041669	-0.208333	-2.222053	0	
28	N31A	-0.458333	0.208333	-3.232415	0	
29	N32A	0.458333	0.208333	-3.232415	0	
30	N33	-0.458333	-0.208333	-3.232415	0	
31	N34A	0.458333	-0.208333	-3.232415	0	
32	N35A	-1.000002	0.208333	-2.294221	0	
33	N36	1.000002	0.208333	-2.294221	0	
34	N37	-1.000002	-0.208333	-2.294221	0	
35	N38	1.000002	-0.208333	-2.294221	0	
36	N39	-1.000002	0	-2.294221	0	
37	N40	1.000002	0	-2.294221	0	
38	N41	-0.458333	0	-3.232415	0	
39	N42	0.458333	0	-3.232415	0	
40	N43	-0.708334	0	-2.799402	0	
41	N44	0.708334	0	-2.799402	0	
42	N46A	-2.666376	0	0.327792	0	
43	N47	-0.87355	0	-2.777461	0	
44	N49	2.666376	0	0.327792	0	
45	N50	0.87355	0	-2.777461	0	
46	N51	-1.375003	0	-1.644703	0	
47	N52	1.375003	0	-1.644703	0	
48	N49A	-1.041669	0	-2.222053	0	
49	N50A	1.041669	0	-2.222053	0	
50	N51A	-1.333336	0	-1.716872	0	
51	N52A	1.333336	0	-1.716872	0	
52	N57	-0.416667	0	-4.59625	0	
53	N58	0.416667	0	-4.59625	0	
54	N59	-0.	.5	-3.804583	0	
55	N60	-0.	-.5	-3.804583	0	
56	N61	-0.583333	0	-4.59625	0	
57	N62	0.583333	0	-4.59625	0	
58	N63	-0.583333	1	-4.59625	0	
59	N64	0.583333	1	-4.59625	0	
60	N65	-0.583333	1.125	-4.59625	0	
61	N66	0.583333	1.125	-4.59625	0	
62	N67	-2.666667	1.125	-4.59625	0	
63	N68	2.666667	1.125	-4.59625	0	
64	N70	1.156078	0	-2.288107	0	
65	N71	1.447745	0	-1.782926	0	
66	N70A	-1.156078	0	-2.288107	0	
67	N71A	-1.447745	0	-1.782926	0	
68	N71B	-1.490646	0	0.860625	0	
69	N72	-3.294866	0	1.902292	0	
70	N73	-1.924354	0	1.111026	0	
71	N74	-2.861853	0	1.652292	0	



Company :
 Designer :
 Job Number :
 Model Name : 467945-VZW_MT_LO_H

Dec 9, 2020
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Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diaphragm
72	N75	-1.716021	0	1.47187	0	
73	N76	-2.65352	0	2.013136	0	
74	N77	-2.132687	0	0.750182	0	
75	N78	-3.070186	0	1.291448	0	
76	N79	-4.746415	0	3.221469	0	
77	N80	-5.163081	0	2.499781	0	
78	N81	-1.924354	0.208333	1.111026	0	
79	N82	-2.861853	0.208333	1.652292	0	
80	N83	-1.924354	-0.208333	1.111026	0	
81	N84	-2.861853	-0.208333	1.652292	0	
82	N85	-1.716021	0.208333	1.47187	0	
83	N86	-2.132687	0.208333	0.750182	0	
84	N87	-1.716021	-0.208333	1.47187	0	
85	N88	-2.132687	-0.208333	0.750182	0	
86	N89	-2.65352	0.208333	2.013136	0	
87	N90	-3.070186	0.208333	1.291448	0	
88	N91	-2.65352	-0.208333	2.013136	0	
89	N92	-3.070186	-0.208333	1.291448	0	
90	N93	-1.40352	0.208333	2.013138	0	
91	N94	-2.445188	0.208333	0.208915	0	
92	N95	-1.40352	-0.208333	2.013138	0	
93	N96	-2.445188	-0.208333	0.208915	0	
94	N97	-2.570186	0.208333	2.013136	0	
95	N98	-3.02852	0.208333	1.219279	0	
96	N99	-2.570186	-0.208333	2.013136	0	
97	N100	-3.02852	-0.208333	1.219279	0	
98	N101	-1.486853	0.208333	2.013136	0	
99	N102	-2.486855	0.208333	0.281084	0	
100	N103	-1.486853	-0.208333	2.013136	0	
101	N104	-2.486855	-0.208333	0.281084	0	
102	N105	-1.486853	0	2.013136	0	
103	N106	-2.486855	0	0.281084	0	
104	N107	-2.570186	0	2.013136	0	
105	N108	-3.02852	0	1.219279	0	
106	N109	-2.070186	0	2.013137	0	
107	N110	-2.778521	0	0.786266	0	
108	N111	1.617064	0	2.145253	0	
109	N112	-1.968576	0	2.145247	0	
110	N113	-1.049312	0	-2.473045	0	
111	N114	-2.842127	0	0.632214	0	
112	N115	-0.736853	0	2.013139	0	
113	N116	-2.111856	0	-0.368436	0	
114	N117	-1.40352	0	2.013136	0	
115	N118	-2.445188	0	0.208915	0	
116	N119	-0.820186	0	2.013136	0	
117	N120	-2.153523	0	-0.296267	0	
118	N121	-3.772136	0	2.658969	0	
119	N122	-4.188803	0	1.937281	0	
120	N123	-3.294866	.5	1.902292	0	
121	N124	-3.294866	-.5	1.902292	0	
122	N125	-3.688803	0	2.803306	0	
123	N126	-4.272136	0	1.792944	0	
124	N127	-3.688803	1	2.803306	0	
125	N128	-4.272136	1	1.792944	0	
126	N129	-3.688803	1.125	2.803306	0	
127	N130	-4.272136	1.125	1.792944	0	
128	N131	-2.647136	1.125	4.607526	0	



Company :
 Designer :
 Job Number :
 Model Name : 467945-VZW_MT_LO_H

Dec 9, 2020
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 Checked By: _____

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diaphragm
129	N132	-5.313803	1.125	-0.011276	0	
130	N135	-2.559598	0	0.14286	0	
131	N136	-2.267932	0	-0.362321	0	
132	N137	-1.40352	0	2.145247	0	
133	N138	-0.820186	0	2.145247	0	
134	N140	1.490646	0	0.860625	0	
135	N141	3.294866	0	1.902292	0	
136	N142	1.924354	0	1.111026	0	
137	N143	2.861853	0	1.652292	0	
138	N144	2.132687	0	0.750182	0	
139	N145	3.070186	0	1.291448	0	
140	N146	1.716021	0	1.47187	0	
141	N147	2.65352	0	2.013136	0	
142	N148	5.163081	0	2.499781	0	
143	N149	4.746415	0	3.221469	0	
144	N150	1.924354	0.208333	1.111026	0	
145	N151	2.861853	0.208333	1.652292	0	
146	N152	1.924354	-0.208333	1.111026	0	
147	N153	2.861853	-0.208333	1.652292	0	
148	N154	2.132687	0.208333	0.750182	0	
149	N155	1.716021	0.208333	1.47187	0	
150	N156	2.132687	-0.208333	0.750182	0	
151	N157	1.716021	-0.208333	1.47187	0	
152	N158	3.070186	0.208333	1.291448	0	
153	N159	2.65352	0.208333	2.013136	0	
154	N160	3.070186	-0.208333	1.291448	0	
155	N161	2.65352	-0.208333	2.013136	0	
156	N162	2.445188	0.208333	0.208915	0	
157	N163	1.40352	0.208333	2.013138	0	
158	N164	2.445188	-0.208333	0.208915	0	
159	N165	1.40352	-0.208333	2.013138	0	
160	N166	3.02852	0.208333	1.219279	0	
161	N167	2.570186	0.208333	2.013136	0	
162	N168	3.02852	-0.208333	1.219279	0	
163	N169	2.570186	-0.208333	2.013136	0	
164	N170	2.486855	0.208333	0.281084	0	
165	N171	1.486853	0.208333	2.013136	0	
166	N172	2.486855	-0.208333	0.281084	0	
167	N173	1.486853	-0.208333	2.013136	0	
168	N174	2.486855	0	0.281084	0	
169	N175	1.486853	0	2.013136	0	
170	N176	3.02852	0	1.219279	0	
171	N177	2.570186	0	2.013136	0	
172	N178	2.778521	0	0.786266	0	
173	N179	2.070186	0	2.013137	0	
174	N180	1.049312	0	-2.473045	0	
175	N181	2.842127	0	0.632214	0	
176	N182	-1.617064	0	2.145253	0	
177	N183	1.968576	0	2.145247	0	
178	N184	2.111856	0	-0.368436	0	
179	N185	0.736853	0	2.013139	0	
180	N186	2.445188	0	0.208915	0	
181	N187	1.40352	0	2.013136	0	
182	N188	2.153523	0	-0.296267	0	
183	N189	0.820186	0	2.013136	0	
184	N190	4.188803	0	1.937281	0	
185	N191	3.772136	0	2.658969	0	



Company :
 Designer :
 Job Number :
 Model Name : 467945-VZW_MT_LO_H

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Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diaphragm
186	N192	3.294866	.5	1.902292	0	
187	N193	3.294866	-.5	1.902292	0	
188	N194	4.272136	0	1.792944	0	
189	N195	3.688803	0	2.803306	0	
190	N196	4.272136	1	1.792944	0	
191	N197	3.688803	1	2.803306	0	
192	N198	4.272136	1.125	1.792944	0	
193	N199	3.688803	1.125	2.803306	0	
194	N200	5.313803	1.125	-0.011276	0	
195	N201	2.647136	1.125	4.607526	0	
196	N204	1.40352	0	2.145247	0	
197	N205	0.820186	0	2.145247	0	
198	N206	2.559598	0	0.14286	0	
199	N207	2.267932	0	-0.362321	0	
200	N206A	7.249998	1.375	4.424513	0	
201	N207A	-7.250002	1.375	4.424513	0	
202	N202	7.249998	1.375	4.663238	0	
203	N207B	0.206742	1.375	-8.49094	0	
204	N208	7.456741	1.375	4.066427	0	
205	N212	7.249998	1.375	4.185789	0	
206	N214	-7.456741	1.375	4.066427	0	
207	N215	-0.206741	1.375	-8.490941	0	
208	N221	2.455342	1.125	-4.59625	0	
209	N222	-2.455342	1.125	-4.59625	0	
210	N223	-2.752798	1.125	4.424513	0	
211	N224	-5.20814	1.125	0.171737	0	
212	N225	2.752798	1.125	4.424513	0	
213	N226	5.20814	1.125	0.171737	0	
214	N227	2.455342	1.375	-4.59625	0	
215	N228	-2.455342	1.375	-4.59625	0	
216	N229	-2.752798	1.375	4.424513	0	
217	N230	-5.20814	1.375	0.171737	0	
218	N231	2.752798	1.375	4.424513	0	
219	N232	5.20814	1.375	0.171737	0	
220	N231A	7.727448	1.375	4.663238	0	
221	N221A	-7.250002	1.375	4.663238	0	
222	N222A	-7.250001	1.375	4.18579	0	
223	N223A	-7.727452	1.375	4.663238	0	
224	N224A	0.413484	1.375	-8.610302	0	
225	N225A	-0.	1.375	-8.371577	0	
226	N226A	0.174759	1.375	-9.023786	0	
227	N227A	7.663484	1.375	3.947066	0	
228	N229A	7.902209	1.375	4.36055	0	
229	N230A	-7.663482	1.375	3.947064	0	
230	N232A	-7.902207	1.375	4.360547	0	
231	N233	-0.413482	1.375	-8.610305	0	
232	N235	-0.174757	1.375	-9.023789	0	
233	N233A	-2.083335	1.375	4.424513	0	
234	N234	4.873408	1.375	-0.408037	0	
235	N235A	-2.790074	1.375	-4.016476	0	
236	N236	2.083332	1.375	4.424513	0	
237	N237	2.790074	1.375	-4.016476	0	
238	N238	-4.873408	1.375	-0.408037	0	
239	N239	6.749723	1.375	4.424238	0	
240	N240	-6.750002	1.375	4.424513	0	
241	N241	6.749723	1.375	4.632572	0	
242	N242	-6.750002	1.375	4.632847	0	



Company :
 Designer :
 Job Number :
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Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diaphragm
243	N243	6.749723	5.208333	4.632572	0	
244	N244	-6.750002	5.208333	4.632847	0	
245	N245	6.749723	-0.791667	4.632572	0	
246	N246	-6.750002	-0.791667	4.632847	0	
247	N247	-0.333335	1.375	4.424513	0	
248	N248	4.749998	1.375	4.424513	0	
249	N249	-0.333335	1.375	4.674513	0	
250	N250	4.749998	1.375	4.674513	0	
251	N251	-0.333335	4.875	4.674513	0	
252	N252	-0.333335	-1.125	4.674513	0	
253	N253	4.749998	5.375	4.674513	0	
254	N254	4.749998	-.625	4.674513	0	
255	N256	0.456641	1.375	-8.057551	0	
256	N257	7.206366	1.375	3.633315	0	
257	N258	0.637063	1.375	-8.161718	0	
258	N259	7.386788	1.375	3.529149	0	
259	N260	0.637063	5.208333	-8.161718	0	
260	N261	7.386788	5.208333	3.529149	0	
261	N262	0.637063	-0.791667	-8.161718	0	
262	N263	7.386788	-0.791667	3.529149	0	
263	N264	3.998408	1.375	-1.92358	0	
264	N265	1.456742	1.375	-6.325876	0	
265	N266	4.214915	1.375	-2.04858	0	
266	N267	1.673248	1.375	-6.450876	0	
267	N268	4.214915	4.875	-2.04858	0	
268	N269	4.214915	-1.125	-2.04858	0	
269	N270	1.673248	5.375	-6.450876	0	
270	N271	1.673248	-.625	-6.450876	0	
271	N273	-7.206365	1.375	3.633313	0	
272	N274	-0.456664	1.375	-8.057554	0	
273	N275	-7.386786	1.375	3.529146	0	
274	N276	-0.637061	1.375	-8.161721	0	
275	N277	-7.386786	5.208333	3.529146	0	
276	N278	-0.637061	5.208333	-8.161721	0	
277	N279	-7.386786	-0.791667	3.529146	0	
278	N280	-0.637061	-0.791667	-8.161721	0	
279	N281	-3.665074	1.375	-2.500933	0	
280	N282	-6.20674	1.375	1.901363	0	
281	N283	-3.88158	1.375	-2.625933	0	
282	N284	-6.423247	1.375	1.776363	0	
283	N285	-3.88158	4.875	-2.625933	0	
284	N286	-3.88158	-1.125	-2.625933	0	
285	N287	-6.423247	5.375	1.776363	0	
286	N288	-6.423247	-.625	1.776363	0	
287	N294A	-.0	1.125	-4.59625	0	
288	N295	-.0	1.125	-4.34625	0	
289	N296	-.0	3.625	-4.34625	0	
290	N297	-.0	.625	-4.34625	0	
291	N298	-3.980469	1.125	2.298125	0	
292	N299	-3.763963	1.125	2.173125	0	
293	N300	-3.763963	3.625	2.173125	0	
294	N301	-3.763963	.625	2.173125	0	
295	N295A	.25	0.208333	-3.304583	0	
296	N296A	.25	-0.208333	-3.304583	0	
297	N297A	-.25	0.208333	-3.304583	0	
298	N298A	-.25	-0.208333	-3.304583	0	
299	N299A	.25	0.208333	-3.804583	0	



Company :
 Designer :
 Job Number :
 Model Name : 467945-VZW_MT_LO_H

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Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diaphragm
300	N300A	.25	-0.208333	-3.804583	0	
301	N301A	-.25	0.208333	-3.804583	0	
302	N302	-.25	-0.208333	-3.804583	0	
303	N303	-0.	0.208333	-3.804583	0	
304	N304	-0.	-0.208333	-3.804583	0	
305	N306	-2.986853	0.208333	1.435785	0	
306	N307	-2.986853	-0.208333	1.435785	0	
307	N308	-2.736853	0.208333	1.868798	0	
308	N309	-2.736853	-0.208333	1.868798	0	
309	N310	-3.419866	0.208333	1.685785	0	
310	N311	-3.419866	-0.208333	1.685785	0	
311	N312	-3.169866	0.208333	2.118798	0	
312	N313	-3.169866	-0.208333	2.118798	0	
313	N314	-3.294866	0.208333	1.902292	0	
314	N315	-3.294866	-0.208333	1.902292	0	
315	N317	2.736853	0.208333	1.868798	0	
316	N318	2.736853	-0.208333	1.868798	0	
317	N319	2.986853	0.208333	1.435785	0	
318	N320	2.986853	-0.208333	1.435785	0	
319	N321	3.169866	0.208333	2.118798	0	
320	N322	3.169866	-0.208333	2.118798	0	
321	N323	3.419866	0.208333	1.685785	0	
322	N324	3.419866	-0.208333	1.685785	0	
323	N325	3.294866	0.208333	1.902292	0	
324	N326	3.294866	-0.208333	1.902292	0	
325	N325A	1.455342	1.125	-4.59625	0	
326	N326A	-1.666667	1.125	-4.59625	0	
327	N328	-4.70814	1.125	1.037762	0	
328	N329	-3.147136	1.125	3.741501	0	
329	N331	3.252798	1.125	3.558488	0	
330	N332	4.813803	1.125	0.854749	0	
331	N331A	-5.750002	1.375	4.424513	0	
332	N332A	5.749998	1.375	4.424513	0	
333	N334	6.706742	1.375	2.767391	0	
334	N335	0.956742	1.375	-7.191901	0	
335	N337	-0.95674	1.375	-7.191904	0	
336	N338	-6.70674	1.375	2.767388	0	
337	N337A	7.249998	3.875	4.424513	0	
338	N338A	-7.250002	3.875	4.424513	0	
339	N339	6.749723	3.875	4.424238	0	
340	N340	-6.750002	3.875	4.424513	0	
341	N341	6.749723	3.875	4.632572	0	
342	N342	-6.750002	3.875	4.632847	0	
343	N343	-0.333335	3.875	4.424513	0	
344	N344	4.749998	3.875	4.424513	0	
345	N345	-0.333335	3.875	4.674513	0	
346	N346	4.749998	3.875	4.674513	0	
347	N348	0.206742	3.875	-8.49094	0	
348	N349	7.456742	3.875	4.066429	0	
349	N350	0.456641	3.875	-8.057551	0	
350	N351	7.206742	3.875	3.633416	0	
351	N352	0.637063	3.875	-8.161718	0	
352	N353	7.387164	3.875	3.529249	0	
353	N354	3.998408	3.875	-1.92358	0	
354	N355	1.456742	3.875	-6.325876	0	
355	N356	4.214915	3.875	-2.04858	0	
356	N357	1.673248	3.875	-6.450876	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach From Diaphragm
357	N359	-7.45674	3.875	4.066426	0	
358	N360	-0.20674	3.875	-8.490942	0	
359	N361	-7.206365	3.875	3.633313	0	
360	N362	-0.45674	3.875	-8.05793	0	
361	N363	-7.386786	3.875	3.529146	0	
362	N364	-0.637162	3.875	-8.162096	0	
363	N365	-3.665074	3.875	-2.500933	0	
364	N366	-6.20674	3.875	1.901363	0	
365	N367	-3.88158	3.875	-2.625933	0	
366	N368	-6.423247	3.875	1.776363	0	
367	N367A	-6.250002	3.875	4.424513	0	
368	N368A	6.249998	3.875	4.424513	0	
369	N370	6.956742	3.875	3.200403	0	
370	N371	0.706742	3.875	-7.624914	0	
371	N373	-0.70674	3.875	-7.624917	0	
372	N374	-6.95674	3.875	3.200401	0	
373	N373A	-1.490646	2.5	-0.860625	0	
374	N374A	0.	2.5	1.72125	0	
375	N375	1.490646	2.5	-0.860625	0	
376	N376	-0.000002	3.875	4.424513	0	
377	N377	5.249998	3.875	4.424513	0	
378	N378	-5.250002	3.875	4.424513	0	
379	N381	3.831742	3.875	-2.212255	0	
380	N382	1.206742	3.875	-6.758889	0	
381	N383	6.456742	3.875	2.334378	0	
382	N386	-3.83174	3.875	-2.212258	0	
383	N387	-6.45674	3.875	2.334375	0	
384	N388	-1.20674	3.875	-6.758891	0	

Hot Rolled Steel Section Sets

	Label	Shape	Type	Design List	Material	Design ...	A [in2]	Iyy [in4]	Izz [in4]	J [in4]
1	Antenna Pipe	PIPE 2.0	Beam	Pipe	A53 Gr. B	Typical	1.02	.627	.627	1.25
2	Standoff	PIPE 3.5	Beam	Pipe	A53 Gr. B	Typical	2.5	4.52	4.52	9.04
3	Cross Member HSS	HSS3X3X4	Beam	SquareTube	A500 Gr. B ...	Typical	2.44	3.02	3.02	5.08
4	TES Main Channel	C5X9	Beam	Channel	A36 Gr.36	Typical	2.64	.624	8.89	.109
5	TES Side Channel	C5X9	Beam	Channel	A36 Gr.36	Typical	2.64	.624	8.89	.109
6	Side Angles	L2x2x4	Beam	Single Angle	A36 Gr.36	Typical	.944	.346	.346	.021
7	Face Horizontal	PIPE 2.0	Beam	Pipe	A53 Gr. B	Typical	1.02	.627	.627	1.25
8	TES FH Plates	PL3/8x6	Beam	RECT	A36 Gr.36	Typical	2.25	.026	6.75	.101
9	SO Vertical Plates	PL3/8x6	Beam	RECT	A36 Gr.36	Typical	2.25	.026	6.75	.101
10	Cross Member Angle	L2x2x6	Beam	Single Angle	A36 Gr.36	Typical	1.37	.476	.476	.066
11	Standoff Plate	PL1/2X8	Beam	RECT	A36 Gr.36	Typical	4	.083	21.333	.32
12	Main Channel	C4X4.5	Beam	Channel	A36 Gr.36	Typical	1.34	.265	3.53	.031
13	Side Channel	C4X2	Beam	Channel	A36 Gr.36	Typical	2.123	.716	4.668	.056
14	FH Plates	PL3/8x6.5	Beam	Channel	A36 Gr.36	Typical	2.438	.029	8.582	.11
15	ROD	SR 0.625	Beam	BAR	A36 Gr.36	Typical	.307	.007	.007	.015
16	STANDOFF ARM	HSS3X3X4	Beam	BAR	A36 Gr.36	Typical	2.44	3.02	3.02	5.08
17	Mod HORIZONTAL	PIPE 2.5	Beam	Pipe	A53 Gr. B	Typical	1.61	1.45	1.45	2.89
18	Support Rail Connector	L3X3X4	Beam	Single Angle	A36 Gr.36	Typical	1.44	1.23	1.23	.031
19	Mod Bracing	L2.5x2.5x3	Beam	Single Angle	A36 Gr.36	Typical	.901	.535	.535	.011

Hot Rolled Steel Properties

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

Member Primary Data

	Label	I Joint	J Joint	K Joint	Rotate(de...	Section/Shape	Type	Design List	Material	Design Rules
1	M1	N2	N3			Standoff	Beam	Pipe	A53 Gr. B	Typical
2	M4	N6	N10		180	Main Channel	Beam	Channel	A36 Gr.36	Typical
3	M5	N8	N11			Main Channel	Beam	Channel	A36 Gr.36	Typical
4	M14	N6	N16			RIGID	None	None	RIGID	Typical
5	M15	N6	N18			RIGID	None	None	RIGID	Typical
6	M16	N17	N8			RIGID	None	None	RIGID	Typical
7	M17	N8	N19			RIGID	None	None	RIGID	Typical
8	M18	N21	N20		270	Side Angles	Beam	Single Angle	A36 Gr.36	Typical
9	M19	N20	N34			Side Angles	Beam	Single Angle	A36 Gr.36	Typical
10	M20	N21	N35		270	Side Angles	Beam	Single Angle	A36 Gr.36	Typical
11	M21	N35	N34			Side Angles	Beam	Single Angle	A36 Gr.36	Typical
12	M22	N23	N22		90	Side Angles	Beam	Single Angle	A36 Gr.36	Typical
13	M28	N41	N51		180	Side Channel	Beam	Channel	A36 Gr.36	Typical
14	M29	N42	N52			Side Channel	Beam	Channel	A36 Gr.36	Typical
15	M27A	N22	N31		90	Side Angles	Beam	Single Angle	A36 Gr.36	Typical
16	M28A	N23	N32		180	Side Angles	Beam	Single Angle	A36 Gr.36	Typical
17	M29A	N32	N31		90	Side Angles	Beam	Single Angle	A36 Gr.36	Typical
18	M30	N42	N32A			RIGID	None	None	RIGID	Typical
19	M31	N42	N34A			RIGID	None	None	RIGID	Typical
20	M32	N40	N36			RIGID	None	None	RIGID	Typical
21	M33	N40	N38			RIGID	None	None	RIGID	Typical
22	M34	N41	N31A			RIGID	None	None	RIGID	Typical
23	M35	N41	N33			RIGID	None	None	RIGID	Typical
24	M36	N39	N35A			RIGID	None	None	RIGID	Typical
25	M37	N39	N37			RIGID	None	None	RIGID	Typical
26	M40A	N49A	N70A			RIGID	None	None	RIGID	Typical
27	M41A	N51A	N71A			RIGID	None	None	RIGID	Typical
28	M42	N50A	N70			RIGID	None	None	RIGID	Typical
29	M43	N52A	N71			RIGID	None	None	RIGID	Typical
30	M44	N60	N59			Standoff Plate	Beam	RECT	A36 Gr.36	Typical
31	M45	N57	N61			RIGID	None	None	RIGID	Typical
32	M46	N58	N62			RIGID	None	None	RIGID	Typical
33	M47	N61	N63		90	Standoff Plate	Beam	RECT	A36 Gr.36	Typical
34	M48	N62	N64		90	Standoff Plate	Beam	RECT	A36 Gr.36	Typical
35	M49	N63	N65			RIGID	None	None	RIGID	Typical
36	M50	N64	N66			RIGID	None	None	RIGID	Typical
37	M51	N68	N67			Cross Member HSS	Beam	SquareTube	A500 Gr. ...	Typical
38	M52	N71B	N72			Standoff	Beam	Pipe	A53 Gr. B	Typical
39	M55	N75	N79		180	Main Channel	Beam	Channel	A36 Gr.36	Typical
40	M56	N77	N80			Main Channel	Beam	Channel	A36 Gr.36	Typical
41	M65	N75	N85			RIGID	None	None	RIGID	Typical
42	M66	N75	N87			RIGID	None	None	RIGID	Typical
43	M67	N86	N77			RIGID	None	None	RIGID	Typical
44	M68	N77	N88			RIGID	None	None	RIGID	Typical
45	M69	N90	N89		270	Side Angles	Beam	Single Angle	A36 Gr.36	Typical



Company :
 Designer :
 Job Number :
 Model Name : 467945-VZW_MT_LO_H

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Member Primary Data (Continued)

Label	I Joint	J Joint	K Joint	Rotate(de...	Section/Shape	Type	Design List	Material	Design Rules
46	M70	N89	N93		Side Angles	Beam	Single Angle	A36 Gr.36	Typical
47	M71	N90	N94	270	Side Angles	Beam	Single Angle	A36 Gr.36	Typical
48	M72	N94	N93		Side Angles	Beam	Single Angle	A36 Gr.36	Typical
49	M73	N92	N91	90	Side Angles	Beam	Single Angle	A36 Gr.36	Typical
50	M76	N107	N115	180	Side Channel	Beam	Channel	A36 Gr.36	Typical
51	M77	N108	N116		Side Channel	Beam	Channel	A36 Gr.36	Typical
52	M78	N91	N95	90	Side Angles	Beam	Single Angle	A36 Gr.36	Typical
53	M79	N92	N96	180	Side Angles	Beam	Single Angle	A36 Gr.36	Typical
54	M80	N96	N95	90	Side Angles	Beam	Single Angle	A36 Gr.36	Typical
55	M81	N108	N98		RIGID	None	None	RIGID	Typical
56	M82	N108	N100		RIGID	None	None	RIGID	Typical
57	M83	N106	N102		RIGID	None	None	RIGID	Typical
58	M84	N106	N104		RIGID	None	None	RIGID	Typical
59	M85	N107	N97		RIGID	None	None	RIGID	Typical
60	M86	N107	N99		RIGID	None	None	RIGID	Typical
61	M87	N105	N101		RIGID	None	None	RIGID	Typical
62	M88	N105	N103		RIGID	None	None	RIGID	Typical
63	M91	N117	N137		RIGID	None	None	RIGID	Typical
64	M92	N119	N138		RIGID	None	None	RIGID	Typical
65	M93	N118	N135		RIGID	None	None	RIGID	Typical
66	M94	N120	N136		RIGID	None	None	RIGID	Typical
67	M95	N124	N123	120	Standoff Plate	Beam	RECT	A36 Gr.36	Typical
68	M96	N121	N125		RIGID	None	None	RIGID	Typical
69	M97	N122	N126		RIGID	None	None	RIGID	Typical
70	M98	N125	N127	210	Standoff Plate	Beam	RECT	A36 Gr.36	Typical
71	M99	N126	N128	210	Standoff Plate	Beam	RECT	A36 Gr.36	Typical
72	M100	N127	N129		RIGID	None	None	RIGID	Typical
73	M101	N128	N130		RIGID	None	None	RIGID	Typical
74	M102	N132	N131		Cross Member HSS	Beam	SquareTube	A500 Gr. ...	Typical
75	M103	N140	N141		Standoff	Beam	Pipe	A53 Gr. B	Typical
76	M106	N144	N148	180	Main Channel	Beam	Channel	A36 Gr.36	Typical
77	M107	N146	N149		Main Channel	Beam	Channel	A36 Gr.36	Typical
78	M116	N144	N154		RIGID	None	None	RIGID	Typical
79	M117	N144	N156		RIGID	None	None	RIGID	Typical
80	M118	N155	N146		RIGID	None	None	RIGID	Typical
81	M119	N146	N157		RIGID	None	None	RIGID	Typical
82	M120	N159	N158	270	Side Angles	Beam	Single Angle	A36 Gr.36	Typical
83	M121	N158	N162		Side Angles	Beam	Single Angle	A36 Gr.36	Typical
84	M122	N159	N163	270	Side Angles	Beam	Single Angle	A36 Gr.36	Typical
85	M123	N163	N162		Side Angles	Beam	Single Angle	A36 Gr.36	Typical
86	M124	N161	N160	90	Side Angles	Beam	Single Angle	A36 Gr.36	Typical
87	M127	N176	N184	180	Side Channel	Beam	Channel	A36 Gr.36	Typical
88	M128	N177	N185		Side Channel	Beam	Channel	A36 Gr.36	Typical
89	M129	N160	N164	90	Side Angles	Beam	Single Angle	A36 Gr.36	Typical
90	M130	N161	N165	180	Side Angles	Beam	Single Angle	A36 Gr.36	Typical
91	M131	N165	N164	90	Side Angles	Beam	Single Angle	A36 Gr.36	Typical
92	M132	N177	N167		RIGID	None	None	RIGID	Typical
93	M133	N177	N169		RIGID	None	None	RIGID	Typical
94	M134	N175	N171		RIGID	None	None	RIGID	Typical
95	M135	N175	N173		RIGID	None	None	RIGID	Typical
96	M136	N176	N166		RIGID	None	None	RIGID	Typical
97	M137	N176	N168		RIGID	None	None	RIGID	Typical
98	M138	N174	N170		RIGID	None	None	RIGID	Typical
99	M139	N174	N172		RIGID	None	None	RIGID	Typical
100	M142	N186	N206		RIGID	None	None	RIGID	Typical
101	M143	N188	N207		RIGID	None	None	RIGID	Typical
102	M144	N187	N204		RIGID	None	None	RIGID	Typical

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(de...	Section/Shape	Type	Design List	Material	Design Rules
103	M145	N189	N205			RIGID	None	None	RIGID	Typical
104	M146	N193	N192		60	Standoff Plate	Beam	RECT	A36 Gr.36	Typical
105	M147	N190	N194			RIGID	None	None	RIGID	Typical
106	M148	N191	N195			RIGID	None	None	RIGID	Typical
107	M149	N194	N196		150	Standoff Plate	Beam	RECT	A36 Gr.36	Typical
108	M150	N195	N197		150	Standoff Plate	Beam	RECT	A36 Gr.36	Typical
109	M151	N196	N198			RIGID	None	None	RIGID	Typical
110	M152	N197	N199			RIGID	None	None	RIGID	Typical
111	M153	N201	N200			Cross Member HSS	Beam	SquareTube	A500 Gr. ...	Typical
112	M148A	N112	N183			Side Channel	Beam	Channel	A36 Gr.36	Typical
113	M149A	N181	N50			Side Channel	Beam	Channel	A36 Gr.36	Typical
114	M150A	N47	N114			Side Channel	Beam	Channel	A36 Gr.36	Typical
115	M151A	N207A	N233A			Face Horizontal	Beam	Pipe	A53 Gr. B	Typical
116	M152A	N202	N212			FH Plates	Beam	Channel	A36 Gr.36	Typical
117	M154	N208	N234			Face Horizontal	Beam	Pipe	A53 Gr. B	Typical
118	M157	N215	N235A			Face Horizontal	Beam	Pipe	A53 Gr. B	Typical
119	M160	N225	N231			RIGID	None	None	RIGID	Typical
120	M161	N223	N229			RIGID	None	None	RIGID	Typical
121	M162	N224	N230			RIGID	None	None	RIGID	Typical
122	M163	N222	N228			RIGID	None	None	RIGID	Typical
123	M164	N221	N227			RIGID	None	None	RIGID	Typical
124	M165	N226	N232			RIGID	None	None	RIGID	Typical
125	M166	N202	N231A			FH Plates	Beam	Channel	A36 Gr.36	Typical
126	M162A	N221A	N222A			FH Plates	Beam	Channel	A36 Gr.36	Typical
127	M163A	N221A	N223A			FH Plates	Beam	Channel	A36 Gr.36	Typical
128	M164A	N224A	N225A			FH Plates	Beam	Channel	A36 Gr.36	Typical
129	M165A	N224A	N226A			FH Plates	Beam	Channel	A36 Gr.36	Typical
130	M166A	N227A	N212			FH Plates	Beam	Channel	A36 Gr.36	Typical
131	M167	N227A	N229A			FH Plates	Beam	Channel	A36 Gr.36	Typical
132	M168	N230A	N222A			FH Plates	Beam	Channel	A36 Gr.36	Typical
133	M169	N230A	N232A			FH Plates	Beam	Channel	A36 Gr.36	Typical
134	M170	N233	N225A			FH Plates	Beam	Channel	A36 Gr.36	Typical
135	M171	N233	N235			FH Plates	Beam	Channel	A36 Gr.36	Typical
136	M172	N233A	N236			Face Horizontal	Beam	Pipe	A53 Gr. B	Typical
137	M173	N234	N237			Face Horizontal	Beam	Pipe	A53 Gr. B	Typical
138	M174	N235A	N238			Face Horizontal	Beam	Pipe	A53 Gr. B	Typical
139	M175	N236	N206A			Face Horizontal	Beam	Pipe	A53 Gr. B	Typical
140	M176	N237	N207B			Face Horizontal	Beam	Pipe	A53 Gr. B	Typical
141	M177	N238	N214			Face Horizontal	Beam	Pipe	A53 Gr. B	Typical
142	M178	N240	N242			RIGID	None	None	RIGID	Typical
143	M179	N239	N241			RIGID	None	None	RIGID	Typical
144	MP4A	N244	N246			Antenna Pipe	Beam	Pipe	A53 Gr. B	Typical
145	MP1A	N243	N245			Antenna Pipe	Beam	Pipe	A53 Gr. B	Typical
146	M182	N247	N249			RIGID	None	None	RIGID	Typical
147	M183	N248	N250			RIGID	None	None	RIGID	Typical
148	MP3A	N252	N251			Antenna Pipe	Beam	Pipe	A53 Gr. B	Typical
149	MP2A	N253	N254			Antenna Pipe	Beam	Pipe	A53 Gr. B	Typical
150	M186	N257	N259			RIGID	None	None	RIGID	Typical
151	M187	N256	N258			RIGID	None	None	RIGID	Typical
152	MP4C	N261	N263			Antenna Pipe	Beam	Pipe	A53 Gr. B	Typical
153	MP1C	N260	N262			Antenna Pipe	Beam	Pipe	A53 Gr. B	Typical
154	M190	N264	N266			RIGID	None	None	RIGID	Typical
155	M191	N265	N267			RIGID	None	None	RIGID	Typical
156	MP3C	N269	N268			Antenna Pipe	Beam	Pipe	A53 Gr. B	Typical
157	MP2C	N270	N271			Antenna Pipe	Beam	Pipe	A53 Gr. B	Typical
158	M194	N274	N276			RIGID	None	None	RIGID	Typical
159	M195	N273	N275			RIGID	None	None	RIGID	Typical



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	Label	I Joint	J Joint	K Joint	Rotate(de...	Section/Shape	Type	Design List	Material	Design Rules
160	MP4B	N278	N280			Antenna Pipe	Beam	Pipe	A53 Gr. B	Typical
161	MP1B	N277	N279			Antenna Pipe	Beam	Pipe	A53 Gr. B	Typical
162	M198	N281	N283			RIGID	None	None	RIGID	Typical
163	M199	N282	N284			RIGID	None	None	RIGID	Typical
164	MP3B	N286	N285			Antenna Pipe	Beam	Pipe	A53 Gr. B	Typical
165	MP2B	N287	N288			Antenna Pipe	Beam	Pipe	A53 Gr. B	Typical
166	M202	N294A	N295			RIGID	None	None	RIGID	Typical
167	M203	N296	N297			Antenna Pipe	Beam	Pipe	A53 Gr. B	Typical
168	M204	N298	N299			RIGID	None	None	RIGID	Typical
169	M205	N300	N301			Antenna Pipe	Beam	Pipe	A53 Gr. B	Typical
170	M206	N301A	N299A			RIGID	None	None	RIGID	Typical
171	M207	N302	N300A			RIGID	None	None	RIGID	Typical
172	M208	N301A	N297A			ROD	Beam	BAR	A36 Gr.36	Typical
173	M209	N302	N298A			ROD	Beam	BAR	A36 Gr.36	Typical
174	M210	N299A	N295A			ROD	Beam	BAR	A36 Gr.36	Typical
175	M211	N300A	N296A			ROD	Beam	BAR	A36 Gr.36	Typical
176	M210A	N312	N310			RIGID	None	None	RIGID	Typical
177	M211A	N313	N311			RIGID	None	None	RIGID	Typical
178	M212	N312	N308			ROD	Beam	BAR	A36 Gr.36	Typical
179	M213	N313	N309			ROD	Beam	BAR	A36 Gr.36	Typical
180	M214	N310	N306			ROD	Beam	BAR	A36 Gr.36	Typical
181	M215	N311	N307			ROD	Beam	BAR	A36 Gr.36	Typical
182	M216	N323	N321			RIGID	None	None	RIGID	Typical
183	M217	N324	N322			RIGID	None	None	RIGID	Typical
184	M218	N323	N319			ROD	Beam	BAR	A36 Gr.36	Typical
185	M219	N324	N320			ROD	Beam	BAR	A36 Gr.36	Typical
186	M220	N321	N317			ROD	Beam	BAR	A36 Gr.36	Typical
187	M221	N322	N318			ROD	Beam	BAR	A36 Gr.36	Typical
188	M188	N81	N73			RIGID	None	None	RIGID	Typical
189	M189	N83	N73			RIGID	None	None	RIGID	Typical
190	M190A	N12	N4			RIGID	None	None	RIGID	Typical
191	M191A	N14	N4			RIGID	None	None	RIGID	Typical
192	M192	N150	N142			RIGID	None	None	RIGID	Typical
193	M193	N152	N142			RIGID	None	None	RIGID	Typical
194	M194A	N82	N74			RIGID	None	None	RIGID	Typical
195	M195A	N84	N74			RIGID	None	None	RIGID	Typical
196	M196	N13	N5			RIGID	None	None	RIGID	Typical
197	M197	N15	N5			RIGID	None	None	RIGID	Typical
198	M198A	N151	N143			RIGID	None	None	RIGID	Typical
199	M199A	N153	N143			RIGID	None	None	RIGID	Typical
200	M218A	N6	N4			RIGID	None	None	RIGID	Typical
201	M219A	N8	N4			RIGID	None	None	RIGID	Typical
202	M220A	N146	N142			RIGID	None	None	RIGID	Typical
203	M221A	N144	N142			RIGID	None	None	RIGID	Typical
204	M222	N77	N73			RIGID	None	None	RIGID	Typical
205	M223	N75	N73			RIGID	None	None	RIGID	Typical
206	M206A	N340	N342			RIGID	None	None	RIGID	Typical
207	M207A	N339	N341			RIGID	None	None	RIGID	Typical
208	M208A	N343	N345			RIGID	None	None	RIGID	Typical
209	M209A	N344	N346			RIGID	None	None	RIGID	Typical
210	M210B	N338A	N337A			Mod HOrizontal	Beam	Pipe	A53 Gr. B	Typical
211	M211B	N351	N353			RIGID	None	None	RIGID	Typical
212	M212A	N350	N352			RIGID	None	None	RIGID	Typical
213	M213A	N354	N356			RIGID	None	None	RIGID	Typical
214	M214A	N355	N357			RIGID	None	None	RIGID	Typical
215	M215A	N349	N348			Mod HOrizontal	Beam	Pipe	A53 Gr. B	Typical
216	M216A	N362	N364			RIGID	None	None	RIGID	Typical



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	Label	I Joint	J Joint	K Joint	Rotate(de...	Section/Shape	Type	Design List	Material	Design Rules
217	M217A	N361	N363			RIGID	None	None	RIGID	Typical
218	M218B	N365	N367			RIGID	None	None	RIGID	Typical
219	M219B	N366	N368			RIGID	None	None	RIGID	Typical
220	M220B	N360	N359			Mod HORIZONTAL	Beam	Pipe	A53 Gr. B	Typical
221	M221B	N367A	N374		90	Support Rail Connector	Beam	Single Angle	A36 Gr.36	Typical
222	M222A	N370	N368A		90	Support Rail Connector	Beam	Single Angle	A36 Gr.36	Typical
223	M223A	N373	N371		90	Support Rail Connector	Beam	Single Angle	A36 Gr.36	Typical
224	M224	N378	N374A		90	Mod Bracing	Beam	Single Angle	A36 Gr.36	Typical
225	M225	N377	N374A		180	Mod Bracing	Beam	Single Angle	A36 Gr.36	Typical
226	M226	N383	N375		90	Mod Bracing	Beam	Single Angle	A36 Gr.36	Typical
227	M227	N382	N375		180	Mod Bracing	Beam	Single Angle	A36 Gr.36	Typical
228	M228	N388	N373A		90	Mod Bracing	Beam	Single Angle	A36 Gr.36	Typical
229	M229	N387	N373A		180	Mod Bracing	Beam	Single Angle	A36 Gr.36	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	M1	OOOOOX					Yes	Default			None
2	M4						Yes	Default			None
3	M5						Yes	Default			None
4	M14						Yes	** NA **			None
5	M15						Yes	** NA **			None
6	M16						Yes	** NA **			None
7	M17						Yes	** NA **			None
8	M18						Yes				None
9	M19						Yes				None
10	M20						Yes				None
11	M21						Yes				None
12	M22						Yes				None
13	M28						Yes	Default			None
14	M29						Yes				None
15	M27A						Yes				None
16	M28A						Yes				None
17	M29A						Yes				None
18	M30	OOOXOO					Yes	** NA **			None
19	M31	OOOXOO					Yes	** NA **			None
20	M32	OOOXOO					Yes	** NA **			None
21	M33	OOOXOO					Yes	** NA **			None
22	M34	OOOXOO					Yes	** NA **			None
23	M35	OOOXOO					Yes	** NA **			None
24	M36	OOOXOO					Yes	** NA **			None
25	M37	OOOXOO					Yes	** NA **			None
26	M40A		OOOXOO				Yes	** NA **			None
27	M41A		OOOXOO				Yes	** NA **			None
28	M42		OOOXOO				Yes	** NA **			None
29	M43		OOOXOO				Yes	** NA **			None
30	M44						Yes				None
31	M45						Yes	** NA **			None
32	M46						Yes	** NA **			None
33	M47		OOOOOO				Yes				None
34	M48		OOOOOO				Yes				None
35	M49						Yes	** NA **			None
36	M50						Yes	** NA **			None
37	M51						Yes				None
38	M52	OOOOOX					Yes	Default			None
39	M55						Yes	Default			None



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	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat..	Analysis ...	Inactive	Seismic..
40	M56						Yes	Default			None
41	M65						Yes	** NA **			None
42	M66						Yes	** NA **			None
43	M67						Yes	** NA **			None
44	M68						Yes	** NA **			None
45	M69						Yes				None
46	M70						Yes				None
47	M71						Yes				None
48	M72						Yes				None
49	M73						Yes				None
50	M76						Yes				None
51	M77						Yes	Default			None
52	M78						Yes				None
53	M79						Yes				None
54	M80						Yes				None
55	M81	OOOXOO					Yes	** NA **			None
56	M82	OOOXOO					Yes	** NA **			None
57	M83	OOOXOO					Yes	** NA **			None
58	M84	OOOXOO					Yes	** NA **			None
59	M85	OOOXOO					Yes	** NA **			None
60	M86	OOOXOO					Yes	** NA **			None
61	M87	OOOXOO					Yes	** NA **			None
62	M88	OOOXOO					Yes	** NA **			None
63	M91		OOOXOO				Yes	** NA **			None
64	M92		OOOXOO				Yes	** NA **			None
65	M93		OOOXOO				Yes	** NA **			None
66	M94		OOOXOO				Yes	** NA **			None
67	M95						Yes	Default			None
68	M96						Yes	** NA **			None
69	M97						Yes	** NA **			None
70	M98		OOOOOO				Yes	Default			None
71	M99		OOOOOO				Yes	Default			None
72	M100						Yes	** NA **			None
73	M101						Yes	** NA **			None
74	M102						Yes				None
75	M103	OOOOOX					Yes	Default			None
76	M106						Yes	Default			None
77	M107						Yes	Default			None
78	M116						Yes	** NA **			None
79	M117						Yes	** NA **			None
80	M118						Yes	** NA **			None
81	M119						Yes	** NA **			None
82	M120						Yes				None
83	M121						Yes				None
84	M122						Yes				None
85	M123						Yes				None
86	M124						Yes				None
87	M127						Yes				None
88	M128						Yes				None
89	M129						Yes				None
90	M130						Yes				None
91	M131						Yes				None
92	M132	OOOXOO					Yes	** NA **			None
93	M133	OOOXOO					Yes	** NA **			None
94	M134	OOOXOO					Yes	** NA **			None
95	M135	OOOXOO					Yes	** NA **			None
96	M136	OOOXOO					Yes	** NA **			None



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Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat..	Analysis ...	Inactive	Seismic..
97	M137	OOOXOO					Yes	** NA **			None
98	M138	OOOXOO					Yes	** NA **			None
99	M139	OOOXOO					Yes	** NA **			None
100	M142		OOOXOO				Yes	** NA **			None
101	M143		OOOXOO				Yes	** NA **			None
102	M144		OOOXOO				Yes	** NA **			None
103	M145		OOOXOO				Yes	** NA **			None
104	M146						Yes				None
105	M147						Yes	** NA **			None
106	M148						Yes	** NA **			None
107	M149		OOOOOO				Yes				None
108	M150		OOOOOO				Yes				None
109	M151						Yes	** NA **			None
110	M152						Yes	** NA **			None
111	M153						Yes				None
112	M148A						Yes				None
113	M149A						Yes				None
114	M150A						Yes				None
115	M151A						Yes	Default			None
116	M152A						Yes				None
117	M154						Yes				None
118	M157						Yes				None
119	M160						Yes	** NA **			None
120	M161						Yes	** NA **			None
121	M162						Yes	** NA **			None
122	M163						Yes	** NA **			None
123	M164						Yes	** NA **			None
124	M165						Yes	** NA **			None
125	M166						Yes				None
126	M162A						Yes				None
127	M163A						Yes				None
128	M164A						Yes				None
129	M165A						Yes				None
130	M166A						Yes				None
131	M167						Yes				None
132	M168						Yes				None
133	M169						Yes				None
134	M170						Yes				None
135	M171						Yes				None
136	M172						Yes				None
137	M173						Yes				None
138	M174						Yes				None
139	M175						Yes				None
140	M176						Yes				None
141	M177						Yes				None
142	M178						Yes	** NA **			None
143	M179						Yes	** NA **			None
144	MP4A						Yes				None
145	MP1A						Yes				None
146	M182						Yes	** NA **			None
147	M183						Yes	** NA **			None
148	MP3A						Yes				None
149	MP2A						Yes				None
150	M186						Yes	** NA **			None
151	M187						Yes	** NA **			None
152	MP4C						Yes				None
153	MP1C						Yes				None



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Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
154	M190						Yes	** NA **			None
155	M191						Yes	** NA **			None
156	MP3C						Yes				None
157	MP2C						Yes				None
158	M194						Yes	** NA **			None
159	M195						Yes	** NA **			None
160	MP4B						Yes				None
161	MP1B						Yes				None
162	M198						Yes	** NA **			None
163	M199						Yes	** NA **			None
164	MP3B						Yes				None
165	MP2B						Yes				None
166	M202						Yes	** NA **			None
167	M203						Yes				None
168	M204						Yes	** NA **			None
169	M205						Yes	Default			None
170	M206						Yes	** NA **			None
171	M207						Yes	** NA **			None
172	M208		OOOXOO				Yes	Default			None
173	M209		OOOXOO				Yes	Default			None
174	M210		OOOXOO				Yes	Default			None
175	M211		OOOXOO				Yes	Default			None
176	M210A						Yes	** NA **			None
177	M211A						Yes	** NA **			None
178	M212		OOOXOO				Yes	Default			None
179	M213		OOOXOO				Yes	Default			None
180	M214		OOOXOO				Yes	Default			None
181	M215		OOOXOO				Yes	Default			None
182	M216						Yes	** NA **			None
183	M217						Yes	** NA **			None
184	M218		OOOXOO				Yes	Default			None
185	M219		OOOXOO				Yes	Default			None
186	M220		OOOXOO				Yes	Default			None
187	M221		OOOXOO				Yes	Default			None
188	M188						Yes	** NA **			None
189	M189						Yes	** NA **			None
190	M190A						Yes	** NA **			None
191	M191A						Yes	** NA **			None
192	M192						Yes	** NA **			None
193	M193						Yes	** NA **			None
194	M194A	AIPIN				Compres...	Yes	** NA **			None
195	M195A	AIPIN				Compres...	Yes	** NA **			None
196	M196	AIPIN				Compres...	Yes	** NA **			None
197	M197	AIPIN				Compres...	Yes	** NA **			None
198	M198A	AIPIN				Compres...	Yes	** NA **			None
199	M199A	AIPIN				Compres...	Yes	** NA **			None
200	M218A						Yes	** NA **			None
201	M219A						Yes	** NA **			None
202	M220A						Yes	** NA **			None
203	M221A						Yes	** NA **			None
204	M222						Yes	** NA **			None
205	M223						Yes	** NA **			None
206	M206A						Yes	** NA **			None
207	M207A						Yes	** NA **			None
208	M208A						Yes	** NA **			None
209	M209A						Yes	** NA **			None
210	M210B						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..
211	M211B						Yes	** NA **			None
212	M212A						Yes	** NA **			None
213	M213A						Yes	** NA **			None
214	M214A						Yes	** NA **			None
215	M215A						Yes				None
216	M216A						Yes	** NA **			None
217	M217A						Yes	** NA **			None
218	M218B						Yes	** NA **			None
219	M219B						Yes	** NA **			None
220	M220B						Yes				None
221	M221B	OOOOXO	OOOOXO				Yes	Default			None
222	M222A	OOOOXO	OOOOXO				Yes	Default			None
223	M223A	OOOOXO	OOOOXO				Yes	Default			None
224	M224	BenPIN	BenPIN				Yes				None
225	M225	BenPIN	BenPIN				Yes				None
226	M226	BenPIN	BenPIN				Yes				None
227	M227	BenPIN	BenPIN				Yes				None
228	M228	BenPIN	BenPIN				Yes				None
229	M229	BenPIN	BenPIN				Yes				None

Member Point Loads (BLC 1 : Antenna D)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP1A	Y	-40.8	2.83
2	MP1A	My	-.02	2.83
3	MP1A	Mz	0	2.83
4	MP1A	Y	-40.8	4.83
5	MP1A	My	-.02	4.83
6	MP1A	Mz	0	4.83
7	MP1B	Y	-40.8	2.83
8	MP1B	My	.01	2.83
9	MP1B	Mz	-.018	2.83
10	MP1B	Y	-40.8	4.83
11	MP1B	My	.01	4.83
12	MP1B	Mz	-.018	4.83
13	MP1C	Y	-40.8	2.83
14	MP1C	My	.01	2.83
15	MP1C	Mz	.018	2.83
16	MP1C	Y	-40.8	4.83
17	MP1C	My	.01	4.83
18	MP1C	Mz	.018	4.83
19	M205	Y	-32	1.25
20	M205	My	0	1.25
21	M205	Mz	0	1.25
22	MP3A	Y	-84.4	1.17
23	MP3A	My	.042	1.17
24	MP3A	Mz	0	1.17
25	MP3B	Y	-84.4	1.17
26	MP3B	My	-.021	1.17
27	MP3B	Mz	.037	1.17
28	MP3C	Y	-84.4	1.17
29	MP3C	My	-.021	1.17
30	MP3C	Mz	-.037	1.17
31	MP3A	Y	-70.3	2.5
32	MP3A	My	.035	2.5
33	MP3A	Mz	0	2.5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
34	MP3B	Y	-70.3	2.5
35	MP3B	My	-.018	2.5
36	MP3B	Mz	.03	2.5
37	MP3C	Y	-70.3	2.5
38	MP3C	My	-.018	2.5
39	MP3C	Mz	-.03	2.5
40	MP3A	Y	-20	.5
41	MP3A	My	-.013	.5
42	MP3A	Mz	.01	.5
43	MP3A	Y	-20	5.5
44	MP3A	My	-.013	5.5
45	MP3A	Mz	.01	5.5
46	MP3B	Y	-20	.5
47	MP3B	My	-.002	.5
48	MP3B	Mz	-.017	.5
49	MP3B	Y	-20	5.5
50	MP3B	My	-.002	5.5
51	MP3B	Mz	-.017	5.5
52	MP3C	Y	-20	.5
53	MP3C	My	.015	.5
54	MP3C	Mz	.007	.5
55	MP3C	Y	-20	5.5
56	MP3C	My	.015	5.5
57	MP3C	Mz	.007	5.5
58	MP3A	Y	-20	.5
59	MP3A	My	-.013	.5
60	MP3A	Mz	-.01	.5
61	MP3A	Y	-20	5.5
62	MP3A	My	-.013	5.5
63	MP3A	Mz	-.01	5.5
64	MP3B	Y	-20	.5
65	MP3B	My	.015	.5
66	MP3B	Mz	-.007	.5
67	MP3B	Y	-20	5.5
68	MP3B	My	.015	5.5
69	MP3B	Mz	-.007	5.5
70	MP3C	Y	-20	.5
71	MP3C	My	-.002	.5
72	MP3C	Mz	.017	.5
73	MP3C	Y	-20	5.5
74	MP3C	My	-.002	5.5
75	MP3C	Mz	.017	5.5
76	MP4A	Y	-4.95	2.33
77	MP4A	My	-.005	2.33
78	MP4A	Mz	0	2.33
79	MP4A	Y	-4.95	5.33
80	MP4A	My	-.005	5.33
81	MP4A	Mz	0	5.33
82	MP4B	Y	-4.95	2.33
83	MP4B	My	.003	2.33
84	MP4B	Mz	-.005	2.33
85	MP4B	Y	-4.95	5.33
86	MP4B	My	.003	5.33
87	MP4B	Mz	-.005	5.33
88	MP4C	Y	-4.95	2.33
89	MP4C	My	.003	2.33
90	MP4C	Mz	.005	2.33



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
91	MP4C	Y	-4.95	5.33
92	MP4C	My	.003	5.33
93	MP4C	Mz	.005	5.33
94	M203	Y	-32	1.25
95	M203	My	0	1.25
96	M203	Mz	0	1.25

Member Point Loads (BLC 2 : Antenna Di)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP1A	Y	-56.426	2.83
2	MP1A	My	-.028	2.83
3	MP1A	Mz	0	2.83
4	MP1A	Y	-56.426	4.83
5	MP1A	My	-.028	4.83
6	MP1A	Mz	0	4.83
7	MP1B	Y	-56.426	2.83
8	MP1B	My	.014	2.83
9	MP1B	Mz	-.024	2.83
10	MP1B	Y	-56.426	4.83
11	MP1B	My	.014	4.83
12	MP1B	Mz	-.024	4.83
13	MP1C	Y	-56.426	2.83
14	MP1C	My	.014	2.83
15	MP1C	Mz	.024	2.83
16	MP1C	Y	-56.426	4.83
17	MP1C	My	.014	4.83
18	MP1C	Mz	.024	4.83
19	M205	Y	-119.107	1.25
20	M205	My	0	1.25
21	M205	Mz	0	1.25
22	MP3A	Y	-71.32	1.17
23	MP3A	My	.036	1.17
24	MP3A	Mz	0	1.17
25	MP3B	Y	-71.32	1.17
26	MP3B	My	-.018	1.17
27	MP3B	Mz	.031	1.17
28	MP3C	Y	-71.32	1.17
29	MP3C	My	-.018	1.17
30	MP3C	Mz	-.031	1.17
31	MP3A	Y	-64.388	2.5
32	MP3A	My	.032	2.5
33	MP3A	Mz	0	2.5
34	MP3B	Y	-64.388	2.5
35	MP3B	My	-.016	2.5
36	MP3B	Mz	.028	2.5
37	MP3C	Y	-64.388	2.5
38	MP3C	My	-.016	2.5
39	MP3C	Mz	-.028	2.5
40	MP3A	Y	-95.808	.5
41	MP3A	My	-.064	.5
42	MP3A	Mz	.048	.5
43	MP3A	Y	-95.808	5.5
44	MP3A	My	-.064	5.5
45	MP3A	Mz	.048	5.5
46	MP3B	Y	-95.808	.5
47	MP3B	My	-.01	.5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
48	MP3B	Mz	-.079	.5
49	MP3B	Y	-95.808	5.5
50	MP3B	My	-.01	5.5
51	MP3B	Mz	-.079	5.5
52	MP3C	Y	-95.808	.5
53	MP3C	My	.073	.5
54	MP3C	Mz	.031	.5
55	MP3C	Y	-95.808	5.5
56	MP3C	My	.073	5.5
57	MP3C	Mz	.031	5.5
58	MP3A	Y	-95.808	.5
59	MP3A	My	-.064	.5
60	MP3A	Mz	-.048	.5
61	MP3A	Y	-95.808	5.5
62	MP3A	My	-.064	5.5
63	MP3A	Mz	-.048	5.5
64	MP3B	Y	-95.808	.5
65	MP3B	My	.073	.5
66	MP3B	Mz	-.031	.5
67	MP3B	Y	-95.808	5.5
68	MP3B	My	.073	5.5
69	MP3B	Mz	-.031	5.5
70	MP3C	Y	-95.808	.5
71	MP3C	My	-.01	.5
72	MP3C	Mz	.079	.5
73	MP3C	Y	-95.808	5.5
74	MP3C	My	-.01	5.5
75	MP3C	Mz	.079	5.5
76	MP4A	Y	-56.572	2.33
77	MP4A	My	-.061	2.33
78	MP4A	Mz	0	2.33
79	MP4A	Y	-56.572	5.33
80	MP4A	My	-.061	5.33
81	MP4A	Mz	0	5.33
82	MP4B	Y	-56.572	2.33
83	MP4B	My	.031	2.33
84	MP4B	Mz	-.053	2.33
85	MP4B	Y	-56.572	5.33
86	MP4B	My	.031	5.33
87	MP4B	Mz	-.053	5.33
88	MP4C	Y	-56.572	2.33
89	MP4C	My	.031	2.33
90	MP4C	Mz	.053	2.33
91	MP4C	Y	-56.572	5.33
92	MP4C	My	.031	5.33
93	MP4C	Mz	.053	5.33
94	M203	Y	-119.107	1.25
95	M203	My	0	1.25
96	M203	Mz	0	1.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP1A	X	0	2.83
2	MP1A	Z	-81.814	2.83
3	MP1A	Mx	0	2.83
4	MP1A	X	0	4.83



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
5	MP1A	Z	-81.814	4.83
6	MP1A	Mx	0	4.83
7	MP1B	X	0	2.83
8	MP1B	Z	-53.147	2.83
9	MP1B	Mx	.023	2.83
10	MP1B	X	0	4.83
11	MP1B	Z	-53.147	4.83
12	MP1B	Mx	.023	4.83
13	MP1C	X	0	2.83
14	MP1C	Z	-53.147	2.83
15	MP1C	Mx	-.023	2.83
16	MP1C	X	0	4.83
17	MP1C	Z	-53.147	4.83
18	MP1C	Mx	-.023	4.83
19	M205	X	0	1.25
20	M205	Z	-101.859	1.25
21	M205	Mx	0	1.25
22	MP3A	X	0	1.17
23	MP3A	Z	-75.927	1.17
24	MP3A	Mx	0	1.17
25	MP3B	X	0	1.17
26	MP3B	Z	-57.046	1.17
27	MP3B	Mx	-.025	1.17
28	MP3C	X	0	1.17
29	MP3C	Z	-57.046	1.17
30	MP3C	Mx	.025	1.17
31	MP3A	X	0	2.5
32	MP3A	Z	-75.927	2.5
33	MP3A	Mx	0	2.5
34	MP3B	X	0	2.5
35	MP3B	Z	-49.814	2.5
36	MP3B	Mx	-.022	2.5
37	MP3C	X	0	2.5
38	MP3C	Z	-49.814	2.5
39	MP3C	Mx	.022	2.5
40	MP3A	X	0	.5
41	MP3A	Z	-165.658	.5
42	MP3A	Mx	-.083	.5
43	MP3A	X	0	5.5
44	MP3A	Z	-165.658	5.5
45	MP3A	Mx	-.083	5.5
46	MP3B	X	0	.5
47	MP3B	Z	-123.577	.5
48	MP3B	Mx	.102	.5
49	MP3B	X	0	5.5
50	MP3B	Z	-123.577	5.5
51	MP3B	Mx	.102	5.5
52	MP3C	X	0	.5
53	MP3C	Z	-123.577	.5
54	MP3C	Mx	-.04	.5
55	MP3C	X	0	5.5
56	MP3C	Z	-123.577	5.5
57	MP3C	Mx	-.04	5.5
58	MP3A	X	0	.5
59	MP3A	Z	-165.658	.5
60	MP3A	Mx	.083	.5
61	MP3A	X	0	5.5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
62	MP3A	Z	-165.658	5.5
63	MP3A	Mx	.083	5.5
64	MP3B	X	0	.5
65	MP3B	Z	-123.577	.5
66	MP3B	Mx	.04	.5
67	MP3B	X	0	5.5
68	MP3B	Z	-123.577	5.5
69	MP3B	Mx	.04	5.5
70	MP3C	X	0	.5
71	MP3C	Z	-123.577	.5
72	MP3C	Mx	-.102	.5
73	MP3C	X	0	5.5
74	MP3C	Z	-123.577	5.5
75	MP3C	Mx	-.102	5.5
76	MP4A	X	0	2.33
77	MP4A	Z	-95.822	2.33
78	MP4A	Mx	0	2.33
79	MP4A	X	0	5.33
80	MP4A	Z	-95.822	5.33
81	MP4A	Mx	0	5.33
82	MP4B	X	0	2.33
83	MP4B	Z	-62.279	2.33
84	MP4B	Mx	.058	2.33
85	MP4B	X	0	5.33
86	MP4B	Z	-62.279	5.33
87	MP4B	Mx	.058	5.33
88	MP4C	X	0	2.33
89	MP4C	Z	-62.279	2.33
90	MP4C	Mx	-.058	2.33
91	MP4C	X	0	5.33
92	MP4C	Z	-62.279	5.33
93	MP4C	Mx	-.058	5.33
94	M203	X	0	1.25
95	M203	Z	-101.859	1.25
96	M203	Mx	0	1.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP1A	X	36.129	2.83
2	MP1A	Z	-62.578	2.83
3	MP1A	Mx	-.018	2.83
4	MP1A	X	36.129	4.83
5	MP1A	Z	-62.578	4.83
6	MP1A	Mx	-.018	4.83
7	MP1B	X	21.796	2.83
8	MP1B	Z	-37.751	2.83
9	MP1B	Mx	.022	2.83
10	MP1B	X	21.796	4.83
11	MP1B	Z	-37.751	4.83
12	MP1B	Mx	.022	4.83
13	MP1C	X	36.129	2.83
14	MP1C	Z	-62.578	2.83
15	MP1C	Mx	-.018	2.83
16	MP1C	X	36.129	4.83
17	MP1C	Z	-62.578	4.83
18	MP1C	Mx	-.018	4.83



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
19	M205	X	57.432	1.25
20	M205	Z	-99.476	1.25
21	M205	Mx	0	1.25
22	MP3A	X	34.817	1.17
23	MP3A	Z	-60.304	1.17
24	MP3A	Mx	.017	1.17
25	MP3B	X	25.377	1.17
26	MP3B	Z	-43.953	1.17
27	MP3B	Mx	-.025	1.17
28	MP3C	X	34.817	1.17
29	MP3C	Z	-60.304	1.17
30	MP3C	Mx	.017	1.17
31	MP3A	X	33.611	2.5
32	MP3A	Z	-58.216	2.5
33	MP3A	Mx	.017	2.5
34	MP3B	X	20.555	2.5
35	MP3B	Z	-35.602	2.5
36	MP3B	Mx	-.021	2.5
37	MP3C	X	33.611	2.5
38	MP3C	Z	-58.216	2.5
39	MP3C	Mx	.017	2.5
40	MP3A	X	75.816	.5
41	MP3A	Z	-131.316	.5
42	MP3A	Mx	-.116	.5
43	MP3A	X	75.816	5.5
44	MP3A	Z	-131.316	5.5
45	MP3A	Mx	-.116	5.5
46	MP3B	X	54.775	.5
47	MP3B	Z	-94.874	.5
48	MP3B	Mx	.073	.5
49	MP3B	X	54.775	5.5
50	MP3B	Z	-94.874	5.5
51	MP3B	Mx	.073	5.5
52	MP3C	X	75.816	.5
53	MP3C	Z	-131.316	.5
54	MP3C	Mx	.015	.5
55	MP3C	X	75.816	5.5
56	MP3C	Z	-131.316	5.5
57	MP3C	Mx	.015	5.5
58	MP3A	X	75.816	.5
59	MP3A	Z	-131.316	.5
60	MP3A	Mx	.015	.5
61	MP3A	X	75.816	5.5
62	MP3A	Z	-131.316	5.5
63	MP3A	Mx	.015	5.5
64	MP3B	X	54.775	.5
65	MP3B	Z	-94.874	.5
66	MP3B	Mx	.073	.5
67	MP3B	X	54.775	5.5
68	MP3B	Z	-94.874	5.5
69	MP3B	Mx	.073	5.5
70	MP3C	X	75.816	.5
71	MP3C	Z	-131.316	.5
72	MP3C	Mx	-.116	.5
73	MP3C	X	75.816	5.5
74	MP3C	Z	-131.316	5.5
75	MP3C	Mx	-.116	5.5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
76	MP4A	X	42.32	2.33
77	MP4A	Z	-73.301	2.33
78	MP4A	Mx	-.046	2.33
79	MP4A	X	42.32	5.33
80	MP4A	Z	-73.301	5.33
81	MP4A	Mx	-.046	5.33
82	MP4B	X	25.549	2.33
83	MP4B	Z	-44.253	2.33
84	MP4B	Mx	.055	2.33
85	MP4B	X	25.549	5.33
86	MP4B	Z	-44.253	5.33
87	MP4B	Mx	.055	5.33
88	MP4C	X	42.32	2.33
89	MP4C	Z	-73.301	2.33
90	MP4C	Mx	-.046	2.33
91	MP4C	X	42.32	5.33
92	MP4C	Z	-73.301	5.33
93	MP4C	Mx	-.046	5.33
94	M203	X	57.432	1.25
95	M203	Z	-99.476	1.25
96	M203	Mx	0	1.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP1A	X	46.027	2.83
2	MP1A	Z	-26.574	2.83
3	MP1A	Mx	-.023	2.83
4	MP1A	X	46.027	4.83
5	MP1A	Z	-26.574	4.83
6	MP1A	Mx	-.023	4.83
7	MP1B	X	46.027	2.83
8	MP1B	Z	-26.574	2.83
9	MP1B	Mx	.023	2.83
10	MP1B	X	46.027	4.83
11	MP1B	Z	-26.574	4.83
12	MP1B	Mx	.023	4.83
13	MP1C	X	70.853	2.83
14	MP1C	Z	-40.907	2.83
15	MP1C	Mx	0	2.83
16	MP1C	X	70.853	4.83
17	MP1C	Z	-40.907	4.83
18	MP1C	Mx	0	4.83
19	M205	X	122.003	1.25
20	M205	Z	-70.439	1.25
21	M205	Mx	0	1.25
22	MP3A	X	49.404	1.17
23	MP3A	Z	-28.523	1.17
24	MP3A	Mx	.025	1.17
25	MP3B	X	49.404	1.17
26	MP3B	Z	-28.523	1.17
27	MP3B	Mx	-.025	1.17
28	MP3C	X	65.754	1.17
29	MP3C	Z	-37.963	1.17
30	MP3C	Mx	0	1.17
31	MP3A	X	43.14	2.5
32	MP3A	Z	-24.907	2.5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
33	MP3A	Mx	.022	2.5
34	MP3B	X	43.14	2.5
35	MP3B	Z	-24.907	2.5
36	MP3B	Mx	-.022	2.5
37	MP3C	X	65.754	2.5
38	MP3C	Z	-37.963	2.5
39	MP3C	Mx	0	2.5
40	MP3A	X	107.021	.5
41	MP3A	Z	-61.789	.5
42	MP3A	Mx	-.102	.5
43	MP3A	X	107.021	5.5
44	MP3A	Z	-61.789	5.5
45	MP3A	Mx	-.102	5.5
46	MP3B	X	107.021	.5
47	MP3B	Z	-61.789	.5
48	MP3B	Mx	.04	.5
49	MP3B	X	107.021	5.5
50	MP3B	Z	-61.789	5.5
51	MP3B	Mx	.04	5.5
52	MP3C	X	143.464	.5
53	MP3C	Z	-82.829	.5
54	MP3C	Mx	.083	.5
55	MP3C	X	143.464	5.5
56	MP3C	Z	-82.829	5.5
57	MP3C	Mx	.083	5.5
58	MP3A	X	107.021	.5
59	MP3A	Z	-61.789	.5
60	MP3A	Mx	-.04	.5
61	MP3A	X	107.021	5.5
62	MP3A	Z	-61.789	5.5
63	MP3A	Mx	-.04	5.5
64	MP3B	X	107.021	.5
65	MP3B	Z	-61.789	.5
66	MP3B	Mx	.102	.5
67	MP3B	X	107.021	5.5
68	MP3B	Z	-61.789	5.5
69	MP3B	Mx	.102	5.5
70	MP3C	X	143.464	.5
71	MP3C	Z	-82.829	.5
72	MP3C	Mx	-.083	.5
73	MP3C	X	143.464	5.5
74	MP3C	Z	-82.829	5.5
75	MP3C	Mx	-.083	5.5
76	MP4A	X	53.936	2.33
77	MP4A	Z	-31.14	2.33
78	MP4A	Mx	-.058	2.33
79	MP4A	X	53.936	5.33
80	MP4A	Z	-31.14	5.33
81	MP4A	Mx	-.058	5.33
82	MP4B	X	53.936	2.33
83	MP4B	Z	-31.14	2.33
84	MP4B	Mx	.058	2.33
85	MP4B	X	53.936	5.33
86	MP4B	Z	-31.14	5.33
87	MP4B	Mx	.058	5.33
88	MP4C	X	82.984	2.33
89	MP4C	Z	-47.911	2.33



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
90	MP4C	Mx	0	2.33
91	MP4C	X	82.984	5.33
92	MP4C	Z	-47.911	5.33
93	MP4C	Mx	0	5.33
94	M203	X	122.003	1.25
95	M203	Z	-70.439	1.25
96	M203	Mx	0	1.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP1A	X	43.591	2.83
2	MP1A	Z	0	2.83
3	MP1A	Mx	-.022	2.83
4	MP1A	X	43.591	4.83
5	MP1A	Z	0	4.83
6	MP1A	Mx	-.022	4.83
7	MP1B	X	72.258	2.83
8	MP1B	Z	0	2.83
9	MP1B	Mx	.018	2.83
10	MP1B	X	72.258	4.83
11	MP1B	Z	0	4.83
12	MP1B	Mx	.018	4.83
13	MP1C	X	72.258	2.83
14	MP1C	Z	0	2.83
15	MP1C	Mx	.018	2.83
16	MP1C	X	72.258	4.83
17	MP1C	Z	0	4.83
18	MP1C	Mx	.018	4.83
19	M205	X	153.883	1.25
20	M205	Z	0	1.25
21	M205	Mx	0	1.25
22	MP3A	X	50.753	1.17
23	MP3A	Z	0	1.17
24	MP3A	Mx	.025	1.17
25	MP3B	X	69.633	1.17
26	MP3B	Z	0	1.17
27	MP3B	Mx	-.017	1.17
28	MP3C	X	69.633	1.17
29	MP3C	Z	0	1.17
30	MP3C	Mx	-.017	1.17
31	MP3A	X	41.11	2.5
32	MP3A	Z	0	2.5
33	MP3A	Mx	.021	2.5
34	MP3B	X	67.222	2.5
35	MP3B	Z	0	2.5
36	MP3B	Mx	-.017	2.5
37	MP3C	X	67.222	2.5
38	MP3C	Z	0	2.5
39	MP3C	Mx	-.017	2.5
40	MP3A	X	109.551	.5
41	MP3A	Z	0	.5
42	MP3A	Mx	-.073	.5
43	MP3A	X	109.551	5.5
44	MP3A	Z	0	5.5
45	MP3A	Mx	-.073	5.5
46	MP3B	X	151.631	.5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
47	MP3B	Z	0	.5
48	MP3B	Mx	-.015	.5
49	MP3B	X	151.631	5.5
50	MP3B	Z	0	5.5
51	MP3B	Mx	-.015	5.5
52	MP3C	X	151.631	.5
53	MP3C	Z	0	.5
54	MP3C	Mx	.116	.5
55	MP3C	X	151.631	5.5
56	MP3C	Z	0	5.5
57	MP3C	Mx	.116	5.5
58	MP3A	X	109.551	.5
59	MP3A	Z	0	.5
60	MP3A	Mx	-.073	.5
61	MP3A	X	109.551	5.5
62	MP3A	Z	0	5.5
63	MP3A	Mx	-.073	5.5
64	MP3B	X	151.631	.5
65	MP3B	Z	0	.5
66	MP3B	Mx	.116	.5
67	MP3B	X	151.631	5.5
68	MP3B	Z	0	5.5
69	MP3B	Mx	.116	5.5
70	MP3C	X	151.631	.5
71	MP3C	Z	0	.5
72	MP3C	Mx	-.015	.5
73	MP3C	X	151.631	5.5
74	MP3C	Z	0	5.5
75	MP3C	Mx	-.015	5.5
76	MP4A	X	51.099	2.33
77	MP4A	Z	0	2.33
78	MP4A	Mx	-.055	2.33
79	MP4A	X	51.099	5.33
80	MP4A	Z	0	5.33
81	MP4A	Mx	-.055	5.33
82	MP4B	X	84.641	2.33
83	MP4B	Z	0	2.33
84	MP4B	Mx	.046	2.33
85	MP4B	X	84.641	5.33
86	MP4B	Z	0	5.33
87	MP4B	Mx	.046	5.33
88	MP4C	X	84.641	2.33
89	MP4C	Z	0	2.33
90	MP4C	Mx	.046	2.33
91	MP4C	X	84.641	5.33
92	MP4C	Z	0	5.33
93	MP4C	Mx	.046	5.33
94	M203	X	153.883	1.25
95	M203	Z	0	1.25
96	M203	Mx	0	1.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP1A	X	46.027	2.83
2	MP1A	Z	26.574	2.83
3	MP1A	Mx	-.023	2.83



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
4	MP1A	X	46.027	4.83
5	MP1A	Z	26.574	4.83
6	MP1A	Mx	-.023	4.83
7	MP1B	X	70.853	2.83
8	MP1B	Z	40.907	2.83
9	MP1B	Mx	0	2.83
10	MP1B	X	70.853	4.83
11	MP1B	Z	40.907	4.83
12	MP1B	Mx	0	4.83
13	MP1C	X	46.027	2.83
14	MP1C	Z	26.574	2.83
15	MP1C	Mx	.023	2.83
16	MP1C	X	46.027	4.83
17	MP1C	Z	26.574	4.83
18	MP1C	Mx	.023	4.83
19	M205	X	122.003	1.25
20	M205	Z	70.439	1.25
21	M205	Mx	0	1.25
22	MP3A	X	49.404	1.17
23	MP3A	Z	28.523	1.17
24	MP3A	Mx	.025	1.17
25	MP3B	X	65.754	1.17
26	MP3B	Z	37.963	1.17
27	MP3B	Mx	0	1.17
28	MP3C	X	49.404	1.17
29	MP3C	Z	28.523	1.17
30	MP3C	Mx	-.025	1.17
31	MP3A	X	43.14	2.5
32	MP3A	Z	24.907	2.5
33	MP3A	Mx	.022	2.5
34	MP3B	X	65.754	2.5
35	MP3B	Z	37.963	2.5
36	MP3B	Mx	0	2.5
37	MP3C	X	43.14	2.5
38	MP3C	Z	24.907	2.5
39	MP3C	Mx	-.022	2.5
40	MP3A	X	107.021	.5
41	MP3A	Z	61.789	.5
42	MP3A	Mx	-.04	.5
43	MP3A	X	107.021	5.5
44	MP3A	Z	61.789	5.5
45	MP3A	Mx	-.04	5.5
46	MP3B	X	143.464	.5
47	MP3B	Z	82.829	.5
48	MP3B	Mx	-.083	.5
49	MP3B	X	143.464	5.5
50	MP3B	Z	82.829	5.5
51	MP3B	Mx	-.083	5.5
52	MP3C	X	107.021	.5
53	MP3C	Z	61.789	.5
54	MP3C	Mx	.102	.5
55	MP3C	X	107.021	5.5
56	MP3C	Z	61.789	5.5
57	MP3C	Mx	.102	5.5
58	MP3A	X	107.021	.5
59	MP3A	Z	61.789	.5
60	MP3A	Mx	-.102	.5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
61	MP3A	X	107.021	5.5
62	MP3A	Z	61.789	5.5
63	MP3A	Mx	-.102	5.5
64	MP3B	X	143.464	.5
65	MP3B	Z	82.829	.5
66	MP3B	Mx	.083	.5
67	MP3B	X	143.464	5.5
68	MP3B	Z	82.829	5.5
69	MP3B	Mx	.083	5.5
70	MP3C	X	107.021	.5
71	MP3C	Z	61.789	.5
72	MP3C	Mx	.04	.5
73	MP3C	X	107.021	5.5
74	MP3C	Z	61.789	5.5
75	MP3C	Mx	.04	5.5
76	MP4A	X	53.936	2.33
77	MP4A	Z	31.14	2.33
78	MP4A	Mx	-.058	2.33
79	MP4A	X	53.936	5.33
80	MP4A	Z	31.14	5.33
81	MP4A	Mx	-.058	5.33
82	MP4B	X	82.984	2.33
83	MP4B	Z	47.911	2.33
84	MP4B	Mx	0	2.33
85	MP4B	X	82.984	5.33
86	MP4B	Z	47.911	5.33
87	MP4B	Mx	0	5.33
88	MP4C	X	53.936	2.33
89	MP4C	Z	31.14	2.33
90	MP4C	Mx	.058	2.33
91	MP4C	X	53.936	5.33
92	MP4C	Z	31.14	5.33
93	MP4C	Mx	.058	5.33
94	M203	X	122.003	1.25
95	M203	Z	70.439	1.25
96	M203	Mx	0	1.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP1A	X	36.129	2.83
2	MP1A	Z	62.578	2.83
3	MP1A	Mx	-.018	2.83
4	MP1A	X	36.129	4.83
5	MP1A	Z	62.578	4.83
6	MP1A	Mx	-.018	4.83
7	MP1B	X	36.129	2.83
8	MP1B	Z	62.578	2.83
9	MP1B	Mx	-.018	2.83
10	MP1B	X	36.129	4.83
11	MP1B	Z	62.578	4.83
12	MP1B	Mx	-.018	4.83
13	MP1C	X	21.796	2.83
14	MP1C	Z	37.751	2.83
15	MP1C	Mx	.022	2.83
16	MP1C	X	21.796	4.83
17	MP1C	Z	37.751	4.83



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
18	MP1C	Mx	.022	4.83
19	M205	X	57.432	1.25
20	M205	Z	99.476	1.25
21	M205	Mx	0	1.25
22	MP3A	X	34.817	1.17
23	MP3A	Z	60.304	1.17
24	MP3A	Mx	.017	1.17
25	MP3B	X	34.817	1.17
26	MP3B	Z	60.304	1.17
27	MP3B	Mx	.017	1.17
28	MP3C	X	25.377	1.17
29	MP3C	Z	43.953	1.17
30	MP3C	Mx	-.025	1.17
31	MP3A	X	33.611	2.5
32	MP3A	Z	58.216	2.5
33	MP3A	Mx	.017	2.5
34	MP3B	X	33.611	2.5
35	MP3B	Z	58.216	2.5
36	MP3B	Mx	.017	2.5
37	MP3C	X	20.555	2.5
38	MP3C	Z	35.602	2.5
39	MP3C	Mx	-.021	2.5
40	MP3A	X	75.816	.5
41	MP3A	Z	131.316	.5
42	MP3A	Mx	.015	.5
43	MP3A	X	75.816	5.5
44	MP3A	Z	131.316	5.5
45	MP3A	Mx	.015	5.5
46	MP3B	X	75.816	.5
47	MP3B	Z	131.316	.5
48	MP3B	Mx	-.116	.5
49	MP3B	X	75.816	5.5
50	MP3B	Z	131.316	5.5
51	MP3B	Mx	-.116	5.5
52	MP3C	X	54.775	.5
53	MP3C	Z	94.874	.5
54	MP3C	Mx	.073	.5
55	MP3C	X	54.775	5.5
56	MP3C	Z	94.874	5.5
57	MP3C	Mx	.073	5.5
58	MP3A	X	75.816	.5
59	MP3A	Z	131.316	.5
60	MP3A	Mx	-.116	.5
61	MP3A	X	75.816	5.5
62	MP3A	Z	131.316	5.5
63	MP3A	Mx	-.116	5.5
64	MP3B	X	75.816	.5
65	MP3B	Z	131.316	.5
66	MP3B	Mx	.015	.5
67	MP3B	X	75.816	5.5
68	MP3B	Z	131.316	5.5
69	MP3B	Mx	.015	5.5
70	MP3C	X	54.775	.5
71	MP3C	Z	94.874	.5
72	MP3C	Mx	.073	.5
73	MP3C	X	54.775	5.5
74	MP3C	Z	94.874	5.5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
75	MP3C	Mx	.073	5.5
76	MP4A	X	42.32	2.33
77	MP4A	Z	73.301	2.33
78	MP4A	Mx	-.046	2.33
79	MP4A	X	42.32	5.33
80	MP4A	Z	73.301	5.33
81	MP4A	Mx	-.046	5.33
82	MP4B	X	42.32	2.33
83	MP4B	Z	73.301	2.33
84	MP4B	Mx	-.046	2.33
85	MP4B	X	42.32	5.33
86	MP4B	Z	73.301	5.33
87	MP4B	Mx	-.046	5.33
88	MP4C	X	25.549	2.33
89	MP4C	Z	44.253	2.33
90	MP4C	Mx	.055	2.33
91	MP4C	X	25.549	5.33
92	MP4C	Z	44.253	5.33
93	MP4C	Mx	.055	5.33
94	M203	X	57.432	1.25
95	M203	Z	99.476	1.25
96	M203	Mx	0	1.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP1A	X	0	2.83
2	MP1A	Z	81.814	2.83
3	MP1A	Mx	0	2.83
4	MP1A	X	0	4.83
5	MP1A	Z	81.814	4.83
6	MP1A	Mx	0	4.83
7	MP1B	X	0	2.83
8	MP1B	Z	53.147	2.83
9	MP1B	Mx	-.023	2.83
10	MP1B	X	0	4.83
11	MP1B	Z	53.147	4.83
12	MP1B	Mx	-.023	4.83
13	MP1C	X	0	2.83
14	MP1C	Z	53.147	2.83
15	MP1C	Mx	.023	2.83
16	MP1C	X	0	4.83
17	MP1C	Z	53.147	4.83
18	MP1C	Mx	.023	4.83
19	M205	X	0	1.25
20	M205	Z	101.859	1.25
21	M205	Mx	0	1.25
22	MP3A	X	0	1.17
23	MP3A	Z	75.927	1.17
24	MP3A	Mx	0	1.17
25	MP3B	X	0	1.17
26	MP3B	Z	57.046	1.17
27	MP3B	Mx	.025	1.17
28	MP3C	X	0	1.17
29	MP3C	Z	57.046	1.17
30	MP3C	Mx	-.025	1.17
31	MP3A	X	0	2.5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
32	MP3A	Z	75.927	2.5
33	MP3A	Mx	0	2.5
34	MP3B	X	0	2.5
35	MP3B	Z	49.814	2.5
36	MP3B	Mx	.022	2.5
37	MP3C	X	0	2.5
38	MP3C	Z	49.814	2.5
39	MP3C	Mx	-.022	2.5
40	MP3A	X	0	.5
41	MP3A	Z	165.658	.5
42	MP3A	Mx	.083	.5
43	MP3A	X	0	5.5
44	MP3A	Z	165.658	5.5
45	MP3A	Mx	.083	5.5
46	MP3B	X	0	.5
47	MP3B	Z	123.577	.5
48	MP3B	Mx	-.102	.5
49	MP3B	X	0	5.5
50	MP3B	Z	123.577	5.5
51	MP3B	Mx	-.102	5.5
52	MP3C	X	0	.5
53	MP3C	Z	123.577	.5
54	MP3C	Mx	.04	.5
55	MP3C	X	0	5.5
56	MP3C	Z	123.577	5.5
57	MP3C	Mx	.04	5.5
58	MP3A	X	0	.5
59	MP3A	Z	165.658	.5
60	MP3A	Mx	-.083	.5
61	MP3A	X	0	5.5
62	MP3A	Z	165.658	5.5
63	MP3A	Mx	-.083	5.5
64	MP3B	X	0	.5
65	MP3B	Z	123.577	.5
66	MP3B	Mx	-.04	.5
67	MP3B	X	0	5.5
68	MP3B	Z	123.577	5.5
69	MP3B	Mx	-.04	5.5
70	MP3C	X	0	.5
71	MP3C	Z	123.577	.5
72	MP3C	Mx	.102	.5
73	MP3C	X	0	5.5
74	MP3C	Z	123.577	5.5
75	MP3C	Mx	.102	5.5
76	MP4A	X	0	2.33
77	MP4A	Z	95.822	2.33
78	MP4A	Mx	0	2.33
79	MP4A	X	0	5.33
80	MP4A	Z	95.822	5.33
81	MP4A	Mx	0	5.33
82	MP4B	X	0	2.33
83	MP4B	Z	62.279	2.33
84	MP4B	Mx	-.058	2.33
85	MP4B	X	0	5.33
86	MP4B	Z	62.279	5.33
87	MP4B	Mx	-.058	5.33
88	MP4C	X	0	2.33



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
89	MP4C	Z	62.279	2.33
90	MP4C	Mx	.058	2.33
91	MP4C	X	0	5.33
92	MP4C	Z	62.279	5.33
93	MP4C	Mx	.058	5.33
94	M203	X	0	1.25
95	M203	Z	101.859	1.25
96	M203	Mx	0	1.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP1A	X	-36.129	2.83
2	MP1A	Z	62.578	2.83
3	MP1A	Mx	.018	2.83
4	MP1A	X	-36.129	4.83
5	MP1A	Z	62.578	4.83
6	MP1A	Mx	.018	4.83
7	MP1B	X	-21.796	2.83
8	MP1B	Z	37.751	2.83
9	MP1B	Mx	-.022	2.83
10	MP1B	X	-21.796	4.83
11	MP1B	Z	37.751	4.83
12	MP1B	Mx	-.022	4.83
13	MP1C	X	-36.129	2.83
14	MP1C	Z	62.578	2.83
15	MP1C	Mx	.018	2.83
16	MP1C	X	-36.129	4.83
17	MP1C	Z	62.578	4.83
18	MP1C	Mx	.018	4.83
19	M205	X	-57.432	1.25
20	M205	Z	99.476	1.25
21	M205	Mx	0	1.25
22	MP3A	X	-34.817	1.17
23	MP3A	Z	60.304	1.17
24	MP3A	Mx	-.017	1.17
25	MP3B	X	-25.377	1.17
26	MP3B	Z	43.953	1.17
27	MP3B	Mx	.025	1.17
28	MP3C	X	-34.817	1.17
29	MP3C	Z	60.304	1.17
30	MP3C	Mx	-.017	1.17
31	MP3A	X	-33.611	2.5
32	MP3A	Z	58.216	2.5
33	MP3A	Mx	-.017	2.5
34	MP3B	X	-20.555	2.5
35	MP3B	Z	35.602	2.5
36	MP3B	Mx	.021	2.5
37	MP3C	X	-33.611	2.5
38	MP3C	Z	58.216	2.5
39	MP3C	Mx	-.017	2.5
40	MP3A	X	-75.816	.5
41	MP3A	Z	131.316	.5
42	MP3A	Mx	.116	.5
43	MP3A	X	-75.816	5.5
44	MP3A	Z	131.316	5.5
45	MP3A	Mx	.116	5.5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
46	MP3B	X	-54.775	.5
47	MP3B	Z	94.874	.5
48	MP3B	Mx	-.073	.5
49	MP3B	X	-54.775	5.5
50	MP3B	Z	94.874	5.5
51	MP3B	Mx	-.073	5.5
52	MP3C	X	-75.816	.5
53	MP3C	Z	131.316	.5
54	MP3C	Mx	-.015	.5
55	MP3C	X	-75.816	5.5
56	MP3C	Z	131.316	5.5
57	MP3C	Mx	-.015	5.5
58	MP3A	X	-75.816	.5
59	MP3A	Z	131.316	.5
60	MP3A	Mx	-.015	.5
61	MP3A	X	-75.816	5.5
62	MP3A	Z	131.316	5.5
63	MP3A	Mx	-.015	5.5
64	MP3B	X	-54.775	.5
65	MP3B	Z	94.874	.5
66	MP3B	Mx	-.073	.5
67	MP3B	X	-54.775	5.5
68	MP3B	Z	94.874	5.5
69	MP3B	Mx	-.073	5.5
70	MP3C	X	-75.816	.5
71	MP3C	Z	131.316	.5
72	MP3C	Mx	.116	.5
73	MP3C	X	-75.816	5.5
74	MP3C	Z	131.316	5.5
75	MP3C	Mx	.116	5.5
76	MP4A	X	-42.32	2.33
77	MP4A	Z	73.301	2.33
78	MP4A	Mx	.046	2.33
79	MP4A	X	-42.32	5.33
80	MP4A	Z	73.301	5.33
81	MP4A	Mx	.046	5.33
82	MP4B	X	-25.549	2.33
83	MP4B	Z	44.253	2.33
84	MP4B	Mx	-.055	2.33
85	MP4B	X	-25.549	5.33
86	MP4B	Z	44.253	5.33
87	MP4B	Mx	-.055	5.33
88	MP4C	X	-42.32	2.33
89	MP4C	Z	73.301	2.33
90	MP4C	Mx	.046	2.33
91	MP4C	X	-42.32	5.33
92	MP4C	Z	73.301	5.33
93	MP4C	Mx	.046	5.33
94	M203	X	-57.432	1.25
95	M203	Z	99.476	1.25
96	M203	Mx	0	1.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP1A	X	-46.027	2.83
2	MP1A	Z	26.574	2.83



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
3	MP1A	Mx	.023	2.83
4	MP1A	X	-46.027	4.83
5	MP1A	Z	26.574	4.83
6	MP1A	Mx	.023	4.83
7	MP1B	X	-46.027	2.83
8	MP1B	Z	26.574	2.83
9	MP1B	Mx	-.023	2.83
10	MP1B	X	-46.027	4.83
11	MP1B	Z	26.574	4.83
12	MP1B	Mx	-.023	4.83
13	MP1C	X	-70.853	2.83
14	MP1C	Z	40.907	2.83
15	MP1C	Mx	0	2.83
16	MP1C	X	-70.853	4.83
17	MP1C	Z	40.907	4.83
18	MP1C	Mx	0	4.83
19	M205	X	-122.003	1.25
20	M205	Z	70.439	1.25
21	M205	Mx	0	1.25
22	MP3A	X	-49.404	1.17
23	MP3A	Z	28.523	1.17
24	MP3A	Mx	-.025	1.17
25	MP3B	X	-49.404	1.17
26	MP3B	Z	28.523	1.17
27	MP3B	Mx	.025	1.17
28	MP3C	X	-65.754	1.17
29	MP3C	Z	37.963	1.17
30	MP3C	Mx	0	1.17
31	MP3A	X	-43.14	2.5
32	MP3A	Z	24.907	2.5
33	MP3A	Mx	-.022	2.5
34	MP3B	X	-43.14	2.5
35	MP3B	Z	24.907	2.5
36	MP3B	Mx	.022	2.5
37	MP3C	X	-65.754	2.5
38	MP3C	Z	37.963	2.5
39	MP3C	Mx	0	2.5
40	MP3A	X	-107.021	.5
41	MP3A	Z	61.789	.5
42	MP3A	Mx	.102	.5
43	MP3A	X	-107.021	5.5
44	MP3A	Z	61.789	5.5
45	MP3A	Mx	.102	5.5
46	MP3B	X	-107.021	.5
47	MP3B	Z	61.789	.5
48	MP3B	Mx	-.04	.5
49	MP3B	X	-107.021	5.5
50	MP3B	Z	61.789	5.5
51	MP3B	Mx	-.04	5.5
52	MP3C	X	-143.464	.5
53	MP3C	Z	82.829	.5
54	MP3C	Mx	-.083	.5
55	MP3C	X	-143.464	5.5
56	MP3C	Z	82.829	5.5
57	MP3C	Mx	-.083	5.5
58	MP3A	X	-107.021	.5
59	MP3A	Z	61.789	.5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
60	MP3A	Mx	.04	.5
61	MP3A	X	-107.021	5.5
62	MP3A	Z	61.789	5.5
63	MP3A	Mx	.04	5.5
64	MP3B	X	-107.021	.5
65	MP3B	Z	61.789	.5
66	MP3B	Mx	-.102	.5
67	MP3B	X	-107.021	5.5
68	MP3B	Z	61.789	5.5
69	MP3B	Mx	-.102	5.5
70	MP3C	X	-143.464	.5
71	MP3C	Z	82.829	.5
72	MP3C	Mx	.083	.5
73	MP3C	X	-143.464	5.5
74	MP3C	Z	82.829	5.5
75	MP3C	Mx	.083	5.5
76	MP4A	X	-53.936	2.33
77	MP4A	Z	31.14	2.33
78	MP4A	Mx	.058	2.33
79	MP4A	X	-53.936	5.33
80	MP4A	Z	31.14	5.33
81	MP4A	Mx	.058	5.33
82	MP4B	X	-53.936	2.33
83	MP4B	Z	31.14	2.33
84	MP4B	Mx	-.058	2.33
85	MP4B	X	-53.936	5.33
86	MP4B	Z	31.14	5.33
87	MP4B	Mx	-.058	5.33
88	MP4C	X	-82.984	2.33
89	MP4C	Z	47.911	2.33
90	MP4C	Mx	0	2.33
91	MP4C	X	-82.984	5.33
92	MP4C	Z	47.911	5.33
93	MP4C	Mx	0	5.33
94	M203	X	-122.003	1.25
95	M203	Z	70.439	1.25
96	M203	Mx	0	1.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP1A	X	-43.591	2.83
2	MP1A	Z	0	2.83
3	MP1A	Mx	.022	2.83
4	MP1A	X	-43.591	4.83
5	MP1A	Z	0	4.83
6	MP1A	Mx	.022	4.83
7	MP1B	X	-72.258	2.83
8	MP1B	Z	0	2.83
9	MP1B	Mx	-.018	2.83
10	MP1B	X	-72.258	4.83
11	MP1B	Z	0	4.83
12	MP1B	Mx	-.018	4.83
13	MP1C	X	-72.258	2.83
14	MP1C	Z	0	2.83
15	MP1C	Mx	-.018	2.83
16	MP1C	X	-72.258	4.83



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
17	MP1C	Z	0	4.83
18	MP1C	Mx	-.018	4.83
19	M205	X	-153.883	1.25
20	M205	Z	0	1.25
21	M205	Mx	0	1.25
22	MP3A	X	-50.753	1.17
23	MP3A	Z	0	1.17
24	MP3A	Mx	-.025	1.17
25	MP3B	X	-69.633	1.17
26	MP3B	Z	0	1.17
27	MP3B	Mx	.017	1.17
28	MP3C	X	-69.633	1.17
29	MP3C	Z	0	1.17
30	MP3C	Mx	.017	1.17
31	MP3A	X	-41.11	2.5
32	MP3A	Z	0	2.5
33	MP3A	Mx	-.021	2.5
34	MP3B	X	-67.222	2.5
35	MP3B	Z	0	2.5
36	MP3B	Mx	.017	2.5
37	MP3C	X	-67.222	2.5
38	MP3C	Z	0	2.5
39	MP3C	Mx	.017	2.5
40	MP3A	X	-109.551	.5
41	MP3A	Z	0	.5
42	MP3A	Mx	.073	.5
43	MP3A	X	-109.551	5.5
44	MP3A	Z	0	5.5
45	MP3A	Mx	.073	5.5
46	MP3B	X	-151.631	.5
47	MP3B	Z	0	.5
48	MP3B	Mx	.015	.5
49	MP3B	X	-151.631	5.5
50	MP3B	Z	0	5.5
51	MP3B	Mx	.015	5.5
52	MP3C	X	-151.631	.5
53	MP3C	Z	0	.5
54	MP3C	Mx	-.116	.5
55	MP3C	X	-151.631	5.5
56	MP3C	Z	0	5.5
57	MP3C	Mx	-.116	5.5
58	MP3A	X	-109.551	.5
59	MP3A	Z	0	.5
60	MP3A	Mx	.073	.5
61	MP3A	X	-109.551	5.5
62	MP3A	Z	0	5.5
63	MP3A	Mx	.073	5.5
64	MP3B	X	-151.631	.5
65	MP3B	Z	0	.5
66	MP3B	Mx	-.116	.5
67	MP3B	X	-151.631	5.5
68	MP3B	Z	0	5.5
69	MP3B	Mx	-.116	5.5
70	MP3C	X	-151.631	.5
71	MP3C	Z	0	.5
72	MP3C	Mx	.015	.5
73	MP3C	X	-151.631	5.5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
74	MP3C	Z	0	5.5
75	MP3C	Mx	.015	5.5
76	MP4A	X	-51.099	2.33
77	MP4A	Z	0	2.33
78	MP4A	Mx	.055	2.33
79	MP4A	X	-51.099	5.33
80	MP4A	Z	0	5.33
81	MP4A	Mx	.055	5.33
82	MP4B	X	-84.641	2.33
83	MP4B	Z	0	2.33
84	MP4B	Mx	-.046	2.33
85	MP4B	X	-84.641	5.33
86	MP4B	Z	0	5.33
87	MP4B	Mx	-.046	5.33
88	MP4C	X	-84.641	2.33
89	MP4C	Z	0	2.33
90	MP4C	Mx	-.046	2.33
91	MP4C	X	-84.641	5.33
92	MP4C	Z	0	5.33
93	MP4C	Mx	-.046	5.33
94	M203	X	-153.883	1.25
95	M203	Z	0	1.25
96	M203	Mx	0	1.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP1A	X	-46.027	2.83
2	MP1A	Z	-26.574	2.83
3	MP1A	Mx	.023	2.83
4	MP1A	X	-46.027	4.83
5	MP1A	Z	-26.574	4.83
6	MP1A	Mx	.023	4.83
7	MP1B	X	-70.853	2.83
8	MP1B	Z	-40.907	2.83
9	MP1B	Mx	0	2.83
10	MP1B	X	-70.853	4.83
11	MP1B	Z	-40.907	4.83
12	MP1B	Mx	0	4.83
13	MP1C	X	-46.027	2.83
14	MP1C	Z	-26.574	2.83
15	MP1C	Mx	-.023	2.83
16	MP1C	X	-46.027	4.83
17	MP1C	Z	-26.574	4.83
18	MP1C	Mx	-.023	4.83
19	M205	X	-122.003	1.25
20	M205	Z	-70.439	1.25
21	M205	Mx	0	1.25
22	MP3A	X	-49.404	1.17
23	MP3A	Z	-28.523	1.17
24	MP3A	Mx	-.025	1.17
25	MP3B	X	-65.754	1.17
26	MP3B	Z	-37.963	1.17
27	MP3B	Mx	0	1.17
28	MP3C	X	-49.404	1.17
29	MP3C	Z	-28.523	1.17
30	MP3C	Mx	.025	1.17



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
31	MP3A	X	-43.14	2.5
32	MP3A	Z	-24.907	2.5
33	MP3A	Mx	-.022	2.5
34	MP3B	X	-65.754	2.5
35	MP3B	Z	-37.963	2.5
36	MP3B	Mx	0	2.5
37	MP3C	X	-43.14	2.5
38	MP3C	Z	-24.907	2.5
39	MP3C	Mx	.022	2.5
40	MP3A	X	-107.021	.5
41	MP3A	Z	-61.789	.5
42	MP3A	Mx	.04	.5
43	MP3A	X	-107.021	5.5
44	MP3A	Z	-61.789	5.5
45	MP3A	Mx	.04	5.5
46	MP3B	X	-143.464	.5
47	MP3B	Z	-82.829	.5
48	MP3B	Mx	.083	.5
49	MP3B	X	-143.464	5.5
50	MP3B	Z	-82.829	5.5
51	MP3B	Mx	.083	5.5
52	MP3C	X	-107.021	.5
53	MP3C	Z	-61.789	.5
54	MP3C	Mx	-.102	.5
55	MP3C	X	-107.021	5.5
56	MP3C	Z	-61.789	5.5
57	MP3C	Mx	-.102	5.5
58	MP3A	X	-107.021	.5
59	MP3A	Z	-61.789	.5
60	MP3A	Mx	.102	.5
61	MP3A	X	-107.021	5.5
62	MP3A	Z	-61.789	5.5
63	MP3A	Mx	.102	5.5
64	MP3B	X	-143.464	.5
65	MP3B	Z	-82.829	.5
66	MP3B	Mx	-.083	.5
67	MP3B	X	-143.464	5.5
68	MP3B	Z	-82.829	5.5
69	MP3B	Mx	-.083	5.5
70	MP3C	X	-107.021	.5
71	MP3C	Z	-61.789	.5
72	MP3C	Mx	-.04	.5
73	MP3C	X	-107.021	5.5
74	MP3C	Z	-61.789	5.5
75	MP3C	Mx	-.04	5.5
76	MP4A	X	-53.936	2.33
77	MP4A	Z	-31.14	2.33
78	MP4A	Mx	.058	2.33
79	MP4A	X	-53.936	5.33
80	MP4A	Z	-31.14	5.33
81	MP4A	Mx	.058	5.33
82	MP4B	X	-82.984	2.33
83	MP4B	Z	-47.911	2.33
84	MP4B	Mx	0	2.33
85	MP4B	X	-82.984	5.33
86	MP4B	Z	-47.911	5.33
87	MP4B	Mx	0	5.33



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
88	MP4C	X	-53.936	2.33
89	MP4C	Z	-31.14	2.33
90	MP4C	Mx	-.058	2.33
91	MP4C	X	-53.936	5.33
92	MP4C	Z	-31.14	5.33
93	MP4C	Mx	-.058	5.33
94	M203	X	-122.003	1.25
95	M203	Z	-70.439	1.25
96	M203	Mx	0	1.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP1A	X	-36.129	2.83
2	MP1A	Z	-62.578	2.83
3	MP1A	Mx	.018	2.83
4	MP1A	X	-36.129	4.83
5	MP1A	Z	-62.578	4.83
6	MP1A	Mx	.018	4.83
7	MP1B	X	-36.129	2.83
8	MP1B	Z	-62.578	2.83
9	MP1B	Mx	.018	2.83
10	MP1B	X	-36.129	4.83
11	MP1B	Z	-62.578	4.83
12	MP1B	Mx	.018	4.83
13	MP1C	X	-21.796	2.83
14	MP1C	Z	-37.751	2.83
15	MP1C	Mx	-.022	2.83
16	MP1C	X	-21.796	4.83
17	MP1C	Z	-37.751	4.83
18	MP1C	Mx	-.022	4.83
19	M205	X	-57.432	1.25
20	M205	Z	-99.476	1.25
21	M205	Mx	0	1.25
22	MP3A	X	-34.817	1.17
23	MP3A	Z	-60.304	1.17
24	MP3A	Mx	-.017	1.17
25	MP3B	X	-34.817	1.17
26	MP3B	Z	-60.304	1.17
27	MP3B	Mx	-.017	1.17
28	MP3C	X	-25.377	1.17
29	MP3C	Z	-43.953	1.17
30	MP3C	Mx	.025	1.17
31	MP3A	X	-33.611	2.5
32	MP3A	Z	-58.216	2.5
33	MP3A	Mx	-.017	2.5
34	MP3B	X	-33.611	2.5
35	MP3B	Z	-58.216	2.5
36	MP3B	Mx	-.017	2.5
37	MP3C	X	-20.555	2.5
38	MP3C	Z	-35.602	2.5
39	MP3C	Mx	.021	2.5
40	MP3A	X	-75.816	.5
41	MP3A	Z	-131.316	.5
42	MP3A	Mx	-.015	.5
43	MP3A	X	-75.816	5.5
44	MP3A	Z	-131.316	5.5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
45	MP3A	Mx	-.015	5.5
46	MP3B	X	-75.816	.5
47	MP3B	Z	-131.316	.5
48	MP3B	Mx	.116	.5
49	MP3B	X	-75.816	5.5
50	MP3B	Z	-131.316	5.5
51	MP3B	Mx	.116	5.5
52	MP3C	X	-54.775	.5
53	MP3C	Z	-94.874	.5
54	MP3C	Mx	-.073	.5
55	MP3C	X	-54.775	5.5
56	MP3C	Z	-94.874	5.5
57	MP3C	Mx	-.073	5.5
58	MP3A	X	-75.816	.5
59	MP3A	Z	-131.316	.5
60	MP3A	Mx	.116	.5
61	MP3A	X	-75.816	5.5
62	MP3A	Z	-131.316	5.5
63	MP3A	Mx	.116	5.5
64	MP3B	X	-75.816	.5
65	MP3B	Z	-131.316	.5
66	MP3B	Mx	-.015	.5
67	MP3B	X	-75.816	5.5
68	MP3B	Z	-131.316	5.5
69	MP3B	Mx	-.015	5.5
70	MP3C	X	-54.775	.5
71	MP3C	Z	-94.874	.5
72	MP3C	Mx	-.073	.5
73	MP3C	X	-54.775	5.5
74	MP3C	Z	-94.874	5.5
75	MP3C	Mx	-.073	5.5
76	MP4A	X	-42.32	2.33
77	MP4A	Z	-73.301	2.33
78	MP4A	Mx	.046	2.33
79	MP4A	X	-42.32	5.33
80	MP4A	Z	-73.301	5.33
81	MP4A	Mx	.046	5.33
82	MP4B	X	-42.32	2.33
83	MP4B	Z	-73.301	2.33
84	MP4B	Mx	.046	2.33
85	MP4B	X	-42.32	5.33
86	MP4B	Z	-73.301	5.33
87	MP4B	Mx	.046	5.33
88	MP4C	X	-25.549	2.33
89	MP4C	Z	-44.253	2.33
90	MP4C	Mx	-.055	2.33
91	MP4C	X	-25.549	5.33
92	MP4C	Z	-44.253	5.33
93	MP4C	Mx	-.055	5.33
94	M203	X	-57.432	1.25
95	M203	Z	-99.476	1.25
96	M203	Mx	0	1.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP1A	X	0	2.83



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
2	MP1A	Z	-17.716	2.83
3	MP1A	Mx	0	2.83
4	MP1A	X	0	4.83
5	MP1A	Z	-17.716	4.83
6	MP1A	Mx	0	4.83
7	MP1B	X	0	2.83
8	MP1B	Z	-12.073	2.83
9	MP1B	Mx	.005	2.83
10	MP1B	X	0	4.83
11	MP1B	Z	-12.073	4.83
12	MP1B	Mx	.005	4.83
13	MP1C	X	0	2.83
14	MP1C	Z	-12.073	2.83
15	MP1C	Mx	-.005	2.83
16	MP1C	X	0	4.83
17	MP1C	Z	-12.073	4.83
18	MP1C	Mx	-.005	4.83
19	M205	X	0	1.25
20	M205	Z	-23.285	1.25
21	M205	Mx	0	1.25
22	MP3A	X	0	1.17
23	MP3A	Z	-17.748	1.17
24	MP3A	Mx	0	1.17
25	MP3B	X	0	1.17
26	MP3B	Z	-13.873	1.17
27	MP3B	Mx	-.006	1.17
28	MP3C	X	0	1.17
29	MP3C	Z	-13.873	1.17
30	MP3C	Mx	.006	1.17
31	MP3A	X	0	2.5
32	MP3A	Z	-17.748	2.5
33	MP3A	Mx	0	2.5
34	MP3B	X	0	2.5
35	MP3B	Z	-12.401	2.5
36	MP3B	Mx	-.005	2.5
37	MP3C	X	0	2.5
38	MP3C	Z	-12.401	2.5
39	MP3C	Mx	.005	2.5
40	MP3A	X	0	.5
41	MP3A	Z	-34.412	.5
42	MP3A	Mx	-.017	.5
43	MP3A	X	0	5.5
44	MP3A	Z	-34.412	5.5
45	MP3A	Mx	-.017	5.5
46	MP3B	X	0	.5
47	MP3B	Z	-26.745	.5
48	MP3B	Mx	.022	.5
49	MP3B	X	0	5.5
50	MP3B	Z	-26.745	5.5
51	MP3B	Mx	.022	5.5
52	MP3C	X	0	.5
53	MP3C	Z	-26.745	.5
54	MP3C	Mx	-.009	.5
55	MP3C	X	0	5.5
56	MP3C	Z	-26.745	5.5
57	MP3C	Mx	-.009	5.5
58	MP3A	X	0	.5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
59	MP3A	Z	-34.412	.5
60	MP3A	Mx	.017	.5
61	MP3A	X	0	5.5
62	MP3A	Z	-34.412	5.5
63	MP3A	Mx	.017	5.5
64	MP3B	X	0	.5
65	MP3B	Z	-26.745	.5
66	MP3B	Mx	.009	.5
67	MP3B	X	0	5.5
68	MP3B	Z	-26.745	5.5
69	MP3B	Mx	.009	5.5
70	MP3C	X	0	.5
71	MP3C	Z	-26.745	.5
72	MP3C	Mx	-.022	.5
73	MP3C	X	0	5.5
74	MP3C	Z	-26.745	5.5
75	MP3C	Mx	-.022	5.5
76	MP4A	X	0	2.33
77	MP4A	Z	-20.607	2.33
78	MP4A	Mx	0	2.33
79	MP4A	X	0	5.33
80	MP4A	Z	-20.607	5.33
81	MP4A	Mx	0	5.33
82	MP4B	X	0	2.33
83	MP4B	Z	-14.309	2.33
84	MP4B	Mx	.013	2.33
85	MP4B	X	0	5.33
86	MP4B	Z	-14.309	5.33
87	MP4B	Mx	.013	5.33
88	MP4C	X	0	2.33
89	MP4C	Z	-14.309	2.33
90	MP4C	Mx	-.013	2.33
91	MP4C	X	0	5.33
92	MP4C	Z	-14.309	5.33
93	MP4C	Mx	-.013	5.33
94	M203	X	0	1.25
95	M203	Z	-23.285	1.25
96	M203	Mx	0	1.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft. %]
1	MP1A	X	7.918	2.83
2	MP1A	Z	-13.714	2.83
3	MP1A	Mx	-.004	2.83
4	MP1A	X	7.918	4.83
5	MP1A	Z	-13.714	4.83
6	MP1A	Mx	-.004	4.83
7	MP1B	X	5.096	2.83
8	MP1B	Z	-8.827	2.83
9	MP1B	Mx	.005	2.83
10	MP1B	X	5.096	4.83
11	MP1B	Z	-8.827	4.83
12	MP1B	Mx	.005	4.83
13	MP1C	X	7.918	2.83
14	MP1C	Z	-13.714	2.83
15	MP1C	Mx	-.004	2.83



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
16	MP1C	X	7.918	4.83
17	MP1C	Z	-13.714	4.83
18	MP1C	Mx	-.004	4.83
19	M205	X	12.91	1.25
20	M205	Z	-22.361	1.25
21	M205	Mx	0	1.25
22	MP3A	X	8.228	1.17
23	MP3A	Z	-14.252	1.17
24	MP3A	Mx	.004	1.17
25	MP3B	X	6.291	1.17
26	MP3B	Z	-10.896	1.17
27	MP3B	Mx	-.006	1.17
28	MP3C	X	8.228	1.17
29	MP3C	Z	-14.252	1.17
30	MP3C	Mx	.004	1.17
31	MP3A	X	7.983	2.5
32	MP3A	Z	-13.827	2.5
33	MP3A	Mx	.004	2.5
34	MP3B	X	5.309	2.5
35	MP3B	Z	-9.196	2.5
36	MP3B	Mx	-.005	2.5
37	MP3C	X	7.983	2.5
38	MP3C	Z	-13.827	2.5
39	MP3C	Mx	.004	2.5
40	MP3A	X	15.928	.5
41	MP3A	Z	-27.588	.5
42	MP3A	Mx	-.024	.5
43	MP3A	X	15.928	5.5
44	MP3A	Z	-27.588	5.5
45	MP3A	Mx	-.024	5.5
46	MP3B	X	12.094	.5
47	MP3B	Z	-20.948	.5
48	MP3B	Mx	.016	.5
49	MP3B	X	12.094	5.5
50	MP3B	Z	-20.948	5.5
51	MP3B	Mx	.016	5.5
52	MP3C	X	15.928	.5
53	MP3C	Z	-27.588	.5
54	MP3C	Mx	.003	.5
55	MP3C	X	15.928	5.5
56	MP3C	Z	-27.588	5.5
57	MP3C	Mx	.003	5.5
58	MP3A	X	15.928	.5
59	MP3A	Z	-27.588	.5
60	MP3A	Mx	.003	.5
61	MP3A	X	15.928	5.5
62	MP3A	Z	-27.588	5.5
63	MP3A	Mx	.003	5.5
64	MP3B	X	12.094	.5
65	MP3B	Z	-20.948	.5
66	MP3B	Mx	.016	.5
67	MP3B	X	12.094	5.5
68	MP3B	Z	-20.948	5.5
69	MP3B	Mx	.016	5.5
70	MP3C	X	15.928	.5
71	MP3C	Z	-27.588	.5
72	MP3C	Mx	-.024	.5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
73	MP3C	X	15.928	5.5
74	MP3C	Z	-27.588	5.5
75	MP3C	Mx	-.024	5.5
76	MP4A	X	9.254	2.33
77	MP4A	Z	-16.028	2.33
78	MP4A	Mx	-.01	2.33
79	MP4A	X	9.254	5.33
80	MP4A	Z	-16.028	5.33
81	MP4A	Mx	-.01	5.33
82	MP4B	X	6.105	2.33
83	MP4B	Z	-10.574	2.33
84	MP4B	Mx	.013	2.33
85	MP4B	X	6.105	5.33
86	MP4B	Z	-10.574	5.33
87	MP4B	Mx	.013	5.33
88	MP4C	X	9.254	2.33
89	MP4C	Z	-16.028	2.33
90	MP4C	Mx	-.01	2.33
91	MP4C	X	9.254	5.33
92	MP4C	Z	-16.028	5.33
93	MP4C	Mx	-.01	5.33
94	M203	X	12.91	1.25
95	M203	Z	-22.361	1.25
96	M203	Mx	0	1.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP1A	X	10.456	2.83
2	MP1A	Z	-6.037	2.83
3	MP1A	Mx	-.005	2.83
4	MP1A	X	10.456	4.83
5	MP1A	Z	-6.037	4.83
6	MP1A	Mx	-.005	4.83
7	MP1B	X	10.456	2.83
8	MP1B	Z	-6.037	2.83
9	MP1B	Mx	.005	2.83
10	MP1B	X	10.456	4.83
11	MP1B	Z	-6.037	4.83
12	MP1B	Mx	.005	4.83
13	MP1C	X	15.342	2.83
14	MP1C	Z	-8.858	2.83
15	MP1C	Mx	0	2.83
16	MP1C	X	15.342	4.83
17	MP1C	Z	-8.858	4.83
18	MP1C	Mx	0	4.83
19	M205	X	26.751	1.25
20	M205	Z	-15.445	1.25
21	M205	Mx	0	1.25
22	MP3A	X	12.015	1.17
23	MP3A	Z	-6.937	1.17
24	MP3A	Mx	.006	1.17
25	MP3B	X	12.015	1.17
26	MP3B	Z	-6.937	1.17
27	MP3B	Mx	-.006	1.17
28	MP3C	X	15.37	1.17
29	MP3C	Z	-8.874	1.17



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
30	MP3C	Mx	0	1.17
31	MP3A	X	10.74	2.5
32	MP3A	Z	-6.201	2.5
33	MP3A	Mx	.005	2.5
34	MP3B	X	10.74	2.5
35	MP3B	Z	-6.201	2.5
36	MP3B	Mx	-.005	2.5
37	MP3C	X	15.37	2.5
38	MP3C	Z	-8.874	2.5
39	MP3C	Mx	0	2.5
40	MP3A	X	23.162	.5
41	MP3A	Z	-13.372	.5
42	MP3A	Mx	-.022	.5
43	MP3A	X	23.162	5.5
44	MP3A	Z	-13.372	5.5
45	MP3A	Mx	-.022	5.5
46	MP3B	X	23.162	.5
47	MP3B	Z	-13.372	.5
48	MP3B	Mx	.009	.5
49	MP3B	X	23.162	5.5
50	MP3B	Z	-13.372	5.5
51	MP3B	Mx	.009	5.5
52	MP3C	X	29.801	.5
53	MP3C	Z	-17.206	.5
54	MP3C	Mx	.017	.5
55	MP3C	X	29.801	5.5
56	MP3C	Z	-17.206	5.5
57	MP3C	Mx	.017	5.5
58	MP3A	X	23.162	.5
59	MP3A	Z	-13.372	.5
60	MP3A	Mx	-.009	.5
61	MP3A	X	23.162	5.5
62	MP3A	Z	-13.372	5.5
63	MP3A	Mx	-.009	5.5
64	MP3B	X	23.162	.5
65	MP3B	Z	-13.372	.5
66	MP3B	Mx	.022	.5
67	MP3B	X	23.162	5.5
68	MP3B	Z	-13.372	5.5
69	MP3B	Mx	.022	5.5
70	MP3C	X	29.801	.5
71	MP3C	Z	-17.206	.5
72	MP3C	Mx	-.017	.5
73	MP3C	X	29.801	5.5
74	MP3C	Z	-17.206	5.5
75	MP3C	Mx	-.017	5.5
76	MP4A	X	12.392	2.33
77	MP4A	Z	-7.155	2.33
78	MP4A	Mx	-.013	2.33
79	MP4A	X	12.392	5.33
80	MP4A	Z	-7.155	5.33
81	MP4A	Mx	-.013	5.33
82	MP4B	X	12.392	2.33
83	MP4B	Z	-7.155	2.33
84	MP4B	Mx	.013	2.33
85	MP4B	X	12.392	5.33
86	MP4B	Z	-7.155	5.33



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
87	MP4B	Mx	.013	5.33
88	MP4C	X	17.846	2.33
89	MP4C	Z	-10.304	2.33
90	MP4C	Mx	-1e-6	2.33
91	MP4C	X	17.846	5.33
92	MP4C	Z	-10.304	5.33
93	MP4C	Mx	-1e-6	5.33
94	M203	X	26.751	1.25
95	M203	Z	-15.445	1.25
96	M203	Mx	0	1.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP1A	X	10.192	2.83
2	MP1A	Z	0	2.83
3	MP1A	Mx	-.005	2.83
4	MP1A	X	10.192	4.83
5	MP1A	Z	0	4.83
6	MP1A	Mx	-.005	4.83
7	MP1B	X	15.835	2.83
8	MP1B	Z	0	2.83
9	MP1B	Mx	.004	2.83
10	MP1B	X	15.835	4.83
11	MP1B	Z	0	4.83
12	MP1B	Mx	.004	4.83
13	MP1C	X	15.835	2.83
14	MP1C	Z	0	2.83
15	MP1C	Mx	.004	2.83
16	MP1C	X	15.835	4.83
17	MP1C	Z	0	4.83
18	MP1C	Mx	.004	4.83
19	M205	X	33.424	1.25
20	M205	Z	0	1.25
21	M205	Mx	0	1.25
22	MP3A	X	12.582	1.17
23	MP3A	Z	0	1.17
24	MP3A	Mx	.006	1.17
25	MP3B	X	16.457	1.17
26	MP3B	Z	0	1.17
27	MP3B	Mx	-.004	1.17
28	MP3C	X	16.457	1.17
29	MP3C	Z	0	1.17
30	MP3C	Mx	-.004	1.17
31	MP3A	X	10.619	2.5
32	MP3A	Z	0	2.5
33	MP3A	Mx	.005	2.5
34	MP3B	X	15.966	2.5
35	MP3B	Z	0	2.5
36	MP3B	Mx	-.004	2.5
37	MP3C	X	15.966	2.5
38	MP3C	Z	0	2.5
39	MP3C	Mx	-.004	2.5
40	MP3A	X	24.189	.5
41	MP3A	Z	0	.5
42	MP3A	Mx	-.016	.5
43	MP3A	X	24.189	5.5



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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
44	MP3A	Z	0	5.5
45	MP3A	Mx	-.016	5.5
46	MP3B	X	31.856	.5
47	MP3B	Z	0	.5
48	MP3B	Mx	-.003	.5
49	MP3B	X	31.856	5.5
50	MP3B	Z	0	5.5
51	MP3B	Mx	-.003	5.5
52	MP3C	X	31.856	.5
53	MP3C	Z	0	.5
54	MP3C	Mx	.024	.5
55	MP3C	X	31.856	5.5
56	MP3C	Z	0	5.5
57	MP3C	Mx	.024	5.5
58	MP3A	X	24.189	.5
59	MP3A	Z	0	.5
60	MP3A	Mx	-.016	.5
61	MP3A	X	24.189	5.5
62	MP3A	Z	0	5.5
63	MP3A	Mx	-.016	5.5
64	MP3B	X	31.856	.5
65	MP3B	Z	0	.5
66	MP3B	Mx	.024	.5
67	MP3B	X	31.856	5.5
68	MP3B	Z	0	5.5
69	MP3B	Mx	.024	5.5
70	MP3C	X	31.856	.5
71	MP3C	Z	0	.5
72	MP3C	Mx	-.003	.5
73	MP3C	X	31.856	5.5
74	MP3C	Z	0	5.5
75	MP3C	Mx	-.003	5.5
76	MP4A	X	12.21	2.33
77	MP4A	Z	0	2.33
78	MP4A	Mx	-.013	2.33
79	MP4A	X	12.21	5.33
80	MP4A	Z	0	5.33
81	MP4A	Mx	-.013	5.33
82	MP4B	X	18.508	2.33
83	MP4B	Z	0	2.33
84	MP4B	Mx	.01	2.33
85	MP4B	X	18.508	5.33
86	MP4B	Z	0	5.33
87	MP4B	Mx	.01	5.33
88	MP4C	X	18.508	2.33
89	MP4C	Z	0	2.33
90	MP4C	Mx	.01	2.33
91	MP4C	X	18.508	5.33
92	MP4C	Z	0	5.33
93	MP4C	Mx	.01	5.33
94	M203	X	33.424	1.25
95	M203	Z	0	1.25
96	M203	Mx	0	1.25

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

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
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Member Point Loads (BLC 19 : Antenna Wi (120 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP1A	X	10.456	2.83
2	MP1A	Z	6.037	2.83
3	MP1A	Mx	-.005	2.83
4	MP1A	X	10.456	4.83
5	MP1A	Z	6.037	4.83
6	MP1A	Mx	-.005	4.83
7	MP1B	X	15.342	2.83
8	MP1B	Z	8.858	2.83
9	MP1B	Mx	0	2.83
10	MP1B	X	15.342	4.83
11	MP1B	Z	8.858	4.83
12	MP1B	Mx	0	4.83
13	MP1C	X	10.456	2.83
14	MP1C	Z	6.037	2.83
15	MP1C	Mx	.005	2.83
16	MP1C	X	10.456	4.83
17	MP1C	Z	6.037	4.83
18	MP1C	Mx	.005	4.83
19	M205	X	26.751	1.25
20	M205	Z	15.445	1.25
21	M205	Mx	0	1.25
22	MP3A	X	12.015	1.17
23	MP3A	Z	6.937	1.17
24	MP3A	Mx	.006	1.17
25	MP3B	X	15.37	1.17
26	MP3B	Z	8.874	1.17
27	MP3B	Mx	0	1.17
28	MP3C	X	12.015	1.17
29	MP3C	Z	6.937	1.17
30	MP3C	Mx	-.006	1.17
31	MP3A	X	10.74	2.5
32	MP3A	Z	6.201	2.5
33	MP3A	Mx	.005	2.5
34	MP3B	X	15.37	2.5
35	MP3B	Z	8.874	2.5
36	MP3B	Mx	0	2.5
37	MP3C	X	10.74	2.5
38	MP3C	Z	6.201	2.5
39	MP3C	Mx	-.005	2.5
40	MP3A	X	23.162	.5
41	MP3A	Z	13.372	.5
42	MP3A	Mx	-.009	.5
43	MP3A	X	23.162	5.5
44	MP3A	Z	13.372	5.5
45	MP3A	Mx	-.009	5.5
46	MP3B	X	29.801	.5
47	MP3B	Z	17.206	.5
48	MP3B	Mx	-.017	.5
49	MP3B	X	29.801	5.5
50	MP3B	Z	17.206	5.5
51	MP3B	Mx	-.017	5.5
52	MP3C	X	23.162	.5
53	MP3C	Z	13.372	.5
54	MP3C	Mx	.022	.5
55	MP3C	X	23.162	5.5
56	MP3C	Z	13.372	5.5
57	MP3C	Mx	.022	5.5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
58	MP3A	X	23.162	.5
59	MP3A	Z	13.372	.5
60	MP3A	Mx	-.022	.5
61	MP3A	X	23.162	5.5
62	MP3A	Z	13.372	5.5
63	MP3A	Mx	-.022	5.5
64	MP3B	X	29.801	.5
65	MP3B	Z	17.206	.5
66	MP3B	Mx	.017	.5
67	MP3B	X	29.801	5.5
68	MP3B	Z	17.206	5.5
69	MP3B	Mx	.017	5.5
70	MP3C	X	23.162	.5
71	MP3C	Z	13.372	.5
72	MP3C	Mx	.009	.5
73	MP3C	X	23.162	5.5
74	MP3C	Z	13.372	5.5
75	MP3C	Mx	.009	5.5
76	MP4A	X	12.392	2.33
77	MP4A	Z	7.155	2.33
78	MP4A	Mx	-.013	2.33
79	MP4A	X	12.392	5.33
80	MP4A	Z	7.155	5.33
81	MP4A	Mx	-.013	5.33
82	MP4B	X	17.846	2.33
83	MP4B	Z	10.304	2.33
84	MP4B	Mx	-1e-6	2.33
85	MP4B	X	17.846	5.33
86	MP4B	Z	10.304	5.33
87	MP4B	Mx	-1e-6	5.33
88	MP4C	X	12.392	2.33
89	MP4C	Z	7.155	2.33
90	MP4C	Mx	.013	2.33
91	MP4C	X	12.392	5.33
92	MP4C	Z	7.155	5.33
93	MP4C	Mx	.013	5.33
94	M203	X	26.751	1.25
95	M203	Z	15.445	1.25
96	M203	Mx	0	1.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP1A	X	7.918	2.83
2	MP1A	Z	13.714	2.83
3	MP1A	Mx	-.004	2.83
4	MP1A	X	7.918	4.83
5	MP1A	Z	13.714	4.83
6	MP1A	Mx	-.004	4.83
7	MP1B	X	7.918	2.83
8	MP1B	Z	13.714	2.83
9	MP1B	Mx	-.004	2.83
10	MP1B	X	7.918	4.83
11	MP1B	Z	13.714	4.83
12	MP1B	Mx	-.004	4.83
13	MP1C	X	5.096	2.83
14	MP1C	Z	8.827	2.83



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
15	MP1C	Mx	.005	2.83
16	MP1C	X	5.096	4.83
17	MP1C	Z	8.827	4.83
18	MP1C	Mx	.005	4.83
19	M205	X	12.91	1.25
20	M205	Z	22.361	1.25
21	M205	Mx	0	1.25
22	MP3A	X	8.228	1.17
23	MP3A	Z	14.252	1.17
24	MP3A	Mx	.004	1.17
25	MP3B	X	8.228	1.17
26	MP3B	Z	14.252	1.17
27	MP3B	Mx	.004	1.17
28	MP3C	X	6.291	1.17
29	MP3C	Z	10.896	1.17
30	MP3C	Mx	-.006	1.17
31	MP3A	X	7.983	2.5
32	MP3A	Z	13.827	2.5
33	MP3A	Mx	.004	2.5
34	MP3B	X	7.983	2.5
35	MP3B	Z	13.827	2.5
36	MP3B	Mx	.004	2.5
37	MP3C	X	5.309	2.5
38	MP3C	Z	9.196	2.5
39	MP3C	Mx	-.005	2.5
40	MP3A	X	15.928	.5
41	MP3A	Z	27.588	.5
42	MP3A	Mx	.003	.5
43	MP3A	X	15.928	5.5
44	MP3A	Z	27.588	5.5
45	MP3A	Mx	.003	5.5
46	MP3B	X	15.928	.5
47	MP3B	Z	27.588	.5
48	MP3B	Mx	-.024	.5
49	MP3B	X	15.928	5.5
50	MP3B	Z	27.588	5.5
51	MP3B	Mx	-.024	5.5
52	MP3C	X	12.094	.5
53	MP3C	Z	20.948	.5
54	MP3C	Mx	.016	.5
55	MP3C	X	12.094	5.5
56	MP3C	Z	20.948	5.5
57	MP3C	Mx	.016	5.5
58	MP3A	X	15.928	.5
59	MP3A	Z	27.588	.5
60	MP3A	Mx	-.024	.5
61	MP3A	X	15.928	5.5
62	MP3A	Z	27.588	5.5
63	MP3A	Mx	-.024	5.5
64	MP3B	X	15.928	.5
65	MP3B	Z	27.588	.5
66	MP3B	Mx	.003	.5
67	MP3B	X	15.928	5.5
68	MP3B	Z	27.588	5.5
69	MP3B	Mx	.003	5.5
70	MP3C	X	12.094	.5
71	MP3C	Z	20.948	.5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
72	MP3C	Mx	.016	.5
73	MP3C	X	12.094	5.5
74	MP3C	Z	20.948	5.5
75	MP3C	Mx	.016	5.5
76	MP4A	X	9.254	2.33
77	MP4A	Z	16.028	2.33
78	MP4A	Mx	-.01	2.33
79	MP4A	X	9.254	5.33
80	MP4A	Z	16.028	5.33
81	MP4A	Mx	-.01	5.33
82	MP4B	X	9.254	2.33
83	MP4B	Z	16.028	2.33
84	MP4B	Mx	-.01	2.33
85	MP4B	X	9.254	5.33
86	MP4B	Z	16.028	5.33
87	MP4B	Mx	-.01	5.33
88	MP4C	X	6.105	2.33
89	MP4C	Z	10.574	2.33
90	MP4C	Mx	.013	2.33
91	MP4C	X	6.105	5.33
92	MP4C	Z	10.574	5.33
93	MP4C	Mx	.013	5.33
94	M203	X	12.91	1.25
95	M203	Z	22.361	1.25
96	M203	Mx	0	1.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP1A	X	0	2.83
2	MP1A	Z	17.716	2.83
3	MP1A	Mx	0	2.83
4	MP1A	X	0	4.83
5	MP1A	Z	17.716	4.83
6	MP1A	Mx	0	4.83
7	MP1B	X	0	2.83
8	MP1B	Z	12.073	2.83
9	MP1B	Mx	-.005	2.83
10	MP1B	X	0	4.83
11	MP1B	Z	12.073	4.83
12	MP1B	Mx	-.005	4.83
13	MP1C	X	0	2.83
14	MP1C	Z	12.073	2.83
15	MP1C	Mx	.005	2.83
16	MP1C	X	0	4.83
17	MP1C	Z	12.073	4.83
18	MP1C	Mx	.005	4.83
19	M205	X	0	1.25
20	M205	Z	23.285	1.25
21	M205	Mx	0	1.25
22	MP3A	X	0	1.17
23	MP3A	Z	17.748	1.17
24	MP3A	Mx	0	1.17
25	MP3B	X	0	1.17
26	MP3B	Z	13.873	1.17
27	MP3B	Mx	.006	1.17
28	MP3C	X	0	1.17



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
29	MP3C	Z	13.873	1.17
30	MP3C	Mx	-.006	1.17
31	MP3A	X	0	2.5
32	MP3A	Z	17.748	2.5
33	MP3A	Mx	0	2.5
34	MP3B	X	0	2.5
35	MP3B	Z	12.401	2.5
36	MP3B	Mx	.005	2.5
37	MP3C	X	0	2.5
38	MP3C	Z	12.401	2.5
39	MP3C	Mx	-.005	2.5
40	MP3A	X	0	.5
41	MP3A	Z	34.412	.5
42	MP3A	Mx	.017	.5
43	MP3A	X	0	5.5
44	MP3A	Z	34.412	5.5
45	MP3A	Mx	.017	5.5
46	MP3B	X	0	.5
47	MP3B	Z	26.745	.5
48	MP3B	Mx	-.022	.5
49	MP3B	X	0	5.5
50	MP3B	Z	26.745	5.5
51	MP3B	Mx	-.022	5.5
52	MP3C	X	0	.5
53	MP3C	Z	26.745	.5
54	MP3C	Mx	.009	.5
55	MP3C	X	0	5.5
56	MP3C	Z	26.745	5.5
57	MP3C	Mx	.009	5.5
58	MP3A	X	0	.5
59	MP3A	Z	34.412	.5
60	MP3A	Mx	-.017	.5
61	MP3A	X	0	5.5
62	MP3A	Z	34.412	5.5
63	MP3A	Mx	-.017	5.5
64	MP3B	X	0	.5
65	MP3B	Z	26.745	.5
66	MP3B	Mx	-.009	.5
67	MP3B	X	0	5.5
68	MP3B	Z	26.745	5.5
69	MP3B	Mx	-.009	5.5
70	MP3C	X	0	.5
71	MP3C	Z	26.745	.5
72	MP3C	Mx	.022	.5
73	MP3C	X	0	5.5
74	MP3C	Z	26.745	5.5
75	MP3C	Mx	.022	5.5
76	MP4A	X	0	2.33
77	MP4A	Z	20.607	2.33
78	MP4A	Mx	0	2.33
79	MP4A	X	0	5.33
80	MP4A	Z	20.607	5.33
81	MP4A	Mx	0	5.33
82	MP4B	X	0	2.33
83	MP4B	Z	14.309	2.33
84	MP4B	Mx	-.013	2.33
85	MP4B	X	0	5.33



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
86	MP4B	Z	14.309	5.33
87	MP4B	Mx	-.013	5.33
88	MP4C	X	0	2.33
89	MP4C	Z	14.309	2.33
90	MP4C	Mx	.013	2.33
91	MP4C	X	0	5.33
92	MP4C	Z	14.309	5.33
93	MP4C	Mx	.013	5.33
94	M203	X	0	1.25
95	M203	Z	23.285	1.25
96	M203	Mx	0	1.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP1A	X	-7.918	2.83
2	MP1A	Z	13.714	2.83
3	MP1A	Mx	.004	2.83
4	MP1A	X	-7.918	4.83
5	MP1A	Z	13.714	4.83
6	MP1A	Mx	.004	4.83
7	MP1B	X	-5.096	2.83
8	MP1B	Z	8.827	2.83
9	MP1B	Mx	-.005	2.83
10	MP1B	X	-5.096	4.83
11	MP1B	Z	8.827	4.83
12	MP1B	Mx	-.005	4.83
13	MP1C	X	-7.918	2.83
14	MP1C	Z	13.714	2.83
15	MP1C	Mx	.004	2.83
16	MP1C	X	-7.918	4.83
17	MP1C	Z	13.714	4.83
18	MP1C	Mx	.004	4.83
19	M205	X	-12.91	1.25
20	M205	Z	22.361	1.25
21	M205	Mx	0	1.25
22	MP3A	X	-8.228	1.17
23	MP3A	Z	14.252	1.17
24	MP3A	Mx	-.004	1.17
25	MP3B	X	-6.291	1.17
26	MP3B	Z	10.896	1.17
27	MP3B	Mx	.006	1.17
28	MP3C	X	-8.228	1.17
29	MP3C	Z	14.252	1.17
30	MP3C	Mx	-.004	1.17
31	MP3A	X	-7.983	2.5
32	MP3A	Z	13.827	2.5
33	MP3A	Mx	-.004	2.5
34	MP3B	X	-5.309	2.5
35	MP3B	Z	9.196	2.5
36	MP3B	Mx	.005	2.5
37	MP3C	X	-7.983	2.5
38	MP3C	Z	13.827	2.5
39	MP3C	Mx	-.004	2.5
40	MP3A	X	-15.928	.5
41	MP3A	Z	27.588	.5
42	MP3A	Mx	.024	.5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
43	MP3A	X	-15.928	5.5
44	MP3A	Z	27.588	5.5
45	MP3A	Mx	.024	5.5
46	MP3B	X	-12.094	.5
47	MP3B	Z	20.948	.5
48	MP3B	Mx	-.016	.5
49	MP3B	X	-12.094	5.5
50	MP3B	Z	20.948	5.5
51	MP3B	Mx	-.016	5.5
52	MP3C	X	-15.928	.5
53	MP3C	Z	27.588	.5
54	MP3C	Mx	-.003	.5
55	MP3C	X	-15.928	5.5
56	MP3C	Z	27.588	5.5
57	MP3C	Mx	-.003	5.5
58	MP3A	X	-15.928	.5
59	MP3A	Z	27.588	.5
60	MP3A	Mx	-.003	.5
61	MP3A	X	-15.928	5.5
62	MP3A	Z	27.588	5.5
63	MP3A	Mx	-.003	5.5
64	MP3B	X	-12.094	.5
65	MP3B	Z	20.948	.5
66	MP3B	Mx	-.016	.5
67	MP3B	X	-12.094	5.5
68	MP3B	Z	20.948	5.5
69	MP3B	Mx	-.016	5.5
70	MP3C	X	-15.928	.5
71	MP3C	Z	27.588	.5
72	MP3C	Mx	.024	.5
73	MP3C	X	-15.928	5.5
74	MP3C	Z	27.588	5.5
75	MP3C	Mx	.024	5.5
76	MP4A	X	-9.254	2.33
77	MP4A	Z	16.028	2.33
78	MP4A	Mx	.01	2.33
79	MP4A	X	-9.254	5.33
80	MP4A	Z	16.028	5.33
81	MP4A	Mx	.01	5.33
82	MP4B	X	-6.105	2.33
83	MP4B	Z	10.574	2.33
84	MP4B	Mx	-.013	2.33
85	MP4B	X	-6.105	5.33
86	MP4B	Z	10.574	5.33
87	MP4B	Mx	-.013	5.33
88	MP4C	X	-9.254	2.33
89	MP4C	Z	16.028	2.33
90	MP4C	Mx	.01	2.33
91	MP4C	X	-9.254	5.33
92	MP4C	Z	16.028	5.33
93	MP4C	Mx	.01	5.33
94	M203	X	-12.91	1.25
95	M203	Z	22.361	1.25
96	M203	Mx	0	1.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
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Member Point Loads (BLC 23 : Antenna Wi (240 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP1A	X	-10.456	2.83
2	MP1A	Z	6.037	2.83
3	MP1A	Mx	.005	2.83
4	MP1A	X	-10.456	4.83
5	MP1A	Z	6.037	4.83
6	MP1A	Mx	.005	4.83
7	MP1B	X	-10.456	2.83
8	MP1B	Z	6.037	2.83
9	MP1B	Mx	-.005	2.83
10	MP1B	X	-10.456	4.83
11	MP1B	Z	6.037	4.83
12	MP1B	Mx	-.005	4.83
13	MP1C	X	-15.342	2.83
14	MP1C	Z	8.858	2.83
15	MP1C	Mx	0	2.83
16	MP1C	X	-15.342	4.83
17	MP1C	Z	8.858	4.83
18	MP1C	Mx	0	4.83
19	M205	X	-26.751	1.25
20	M205	Z	15.445	1.25
21	M205	Mx	0	1.25
22	MP3A	X	-12.015	1.17
23	MP3A	Z	6.937	1.17
24	MP3A	Mx	-.006	1.17
25	MP3B	X	-12.015	1.17
26	MP3B	Z	6.937	1.17
27	MP3B	Mx	.006	1.17
28	MP3C	X	-15.37	1.17
29	MP3C	Z	8.874	1.17
30	MP3C	Mx	0	1.17
31	MP3A	X	-10.74	2.5
32	MP3A	Z	6.201	2.5
33	MP3A	Mx	-.005	2.5
34	MP3B	X	-10.74	2.5
35	MP3B	Z	6.201	2.5
36	MP3B	Mx	.005	2.5
37	MP3C	X	-15.37	2.5
38	MP3C	Z	8.874	2.5
39	MP3C	Mx	0	2.5
40	MP3A	X	-23.162	.5
41	MP3A	Z	13.372	.5
42	MP3A	Mx	.022	.5
43	MP3A	X	-23.162	5.5
44	MP3A	Z	13.372	5.5
45	MP3A	Mx	.022	5.5
46	MP3B	X	-23.162	.5
47	MP3B	Z	13.372	.5
48	MP3B	Mx	-.009	.5
49	MP3B	X	-23.162	5.5
50	MP3B	Z	13.372	5.5
51	MP3B	Mx	-.009	5.5
52	MP3C	X	-29.801	.5
53	MP3C	Z	17.206	.5
54	MP3C	Mx	-.017	.5
55	MP3C	X	-29.801	5.5
56	MP3C	Z	17.206	5.5
57	MP3C	Mx	-.017	5.5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
58	MP3A	X	-23.162	.5
59	MP3A	Z	13.372	.5
60	MP3A	Mx	.009	.5
61	MP3A	X	-23.162	5.5
62	MP3A	Z	13.372	5.5
63	MP3A	Mx	.009	5.5
64	MP3B	X	-23.162	.5
65	MP3B	Z	13.372	.5
66	MP3B	Mx	-.022	.5
67	MP3B	X	-23.162	5.5
68	MP3B	Z	13.372	5.5
69	MP3B	Mx	-.022	5.5
70	MP3C	X	-29.801	.5
71	MP3C	Z	17.206	.5
72	MP3C	Mx	.017	.5
73	MP3C	X	-29.801	5.5
74	MP3C	Z	17.206	5.5
75	MP3C	Mx	.017	5.5
76	MP4A	X	-12.392	2.33
77	MP4A	Z	7.155	2.33
78	MP4A	Mx	.013	2.33
79	MP4A	X	-12.392	5.33
80	MP4A	Z	7.155	5.33
81	MP4A	Mx	.013	5.33
82	MP4B	X	-12.392	2.33
83	MP4B	Z	7.155	2.33
84	MP4B	Mx	-.013	2.33
85	MP4B	X	-12.392	5.33
86	MP4B	Z	7.155	5.33
87	MP4B	Mx	-.013	5.33
88	MP4C	X	-17.846	2.33
89	MP4C	Z	10.304	2.33
90	MP4C	Mx	1e-6	2.33
91	MP4C	X	-17.846	5.33
92	MP4C	Z	10.304	5.33
93	MP4C	Mx	1e-6	5.33
94	M203	X	-26.751	1.25
95	M203	Z	15.445	1.25
96	M203	Mx	0	1.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP1A	X	-10.192	2.83
2	MP1A	Z	0	2.83
3	MP1A	Mx	.005	2.83
4	MP1A	X	-10.192	4.83
5	MP1A	Z	0	4.83
6	MP1A	Mx	.005	4.83
7	MP1B	X	-15.835	2.83
8	MP1B	Z	0	2.83
9	MP1B	Mx	-.004	2.83
10	MP1B	X	-15.835	4.83
11	MP1B	Z	0	4.83
12	MP1B	Mx	-.004	4.83
13	MP1C	X	-15.835	2.83
14	MP1C	Z	0	2.83



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
15	MP1C	Mx	-.004	2.83
16	MP1C	X	-15.835	4.83
17	MP1C	Z	0	4.83
18	MP1C	Mx	-.004	4.83
19	M205	X	-33.424	1.25
20	M205	Z	0	1.25
21	M205	Mx	0	1.25
22	MP3A	X	-12.582	1.17
23	MP3A	Z	0	1.17
24	MP3A	Mx	-.006	1.17
25	MP3B	X	-16.457	1.17
26	MP3B	Z	0	1.17
27	MP3B	Mx	.004	1.17
28	MP3C	X	-16.457	1.17
29	MP3C	Z	0	1.17
30	MP3C	Mx	.004	1.17
31	MP3A	X	-10.619	2.5
32	MP3A	Z	0	2.5
33	MP3A	Mx	-.005	2.5
34	MP3B	X	-15.966	2.5
35	MP3B	Z	0	2.5
36	MP3B	Mx	.004	2.5
37	MP3C	X	-15.966	2.5
38	MP3C	Z	0	2.5
39	MP3C	Mx	.004	2.5
40	MP3A	X	-24.189	.5
41	MP3A	Z	0	.5
42	MP3A	Mx	.016	.5
43	MP3A	X	-24.189	5.5
44	MP3A	Z	0	5.5
45	MP3A	Mx	.016	5.5
46	MP3B	X	-31.856	.5
47	MP3B	Z	0	.5
48	MP3B	Mx	.003	.5
49	MP3B	X	-31.856	5.5
50	MP3B	Z	0	5.5
51	MP3B	Mx	.003	5.5
52	MP3C	X	-31.856	.5
53	MP3C	Z	0	.5
54	MP3C	Mx	-.024	.5
55	MP3C	X	-31.856	5.5
56	MP3C	Z	0	5.5
57	MP3C	Mx	-.024	5.5
58	MP3A	X	-24.189	.5
59	MP3A	Z	0	.5
60	MP3A	Mx	.016	.5
61	MP3A	X	-24.189	5.5
62	MP3A	Z	0	5.5
63	MP3A	Mx	.016	5.5
64	MP3B	X	-31.856	.5
65	MP3B	Z	0	.5
66	MP3B	Mx	-.024	.5
67	MP3B	X	-31.856	5.5
68	MP3B	Z	0	5.5
69	MP3B	Mx	-.024	5.5
70	MP3C	X	-31.856	.5
71	MP3C	Z	0	.5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
72	MP3C	Mx	.003	.5
73	MP3C	X	-31.856	5.5
74	MP3C	Z	0	5.5
75	MP3C	Mx	.003	5.5
76	MP4A	X	-12.21	2.33
77	MP4A	Z	0	2.33
78	MP4A	Mx	.013	2.33
79	MP4A	X	-12.21	5.33
80	MP4A	Z	0	5.33
81	MP4A	Mx	.013	5.33
82	MP4B	X	-18.508	2.33
83	MP4B	Z	0	2.33
84	MP4B	Mx	-.01	2.33
85	MP4B	X	-18.508	5.33
86	MP4B	Z	0	5.33
87	MP4B	Mx	-.01	5.33
88	MP4C	X	-18.508	2.33
89	MP4C	Z	0	2.33
90	MP4C	Mx	-.01	2.33
91	MP4C	X	-18.508	5.33
92	MP4C	Z	0	5.33
93	MP4C	Mx	-.01	5.33
94	M203	X	-33.424	1.25
95	M203	Z	0	1.25
96	M203	Mx	0	1.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP1A	X	-10.456	2.83
2	MP1A	Z	-6.037	2.83
3	MP1A	Mx	.005	2.83
4	MP1A	X	-10.456	4.83
5	MP1A	Z	-6.037	4.83
6	MP1A	Mx	.005	4.83
7	MP1B	X	-15.342	2.83
8	MP1B	Z	-8.858	2.83
9	MP1B	Mx	0	2.83
10	MP1B	X	-15.342	4.83
11	MP1B	Z	-8.858	4.83
12	MP1B	Mx	0	4.83
13	MP1C	X	-10.456	2.83
14	MP1C	Z	-6.037	2.83
15	MP1C	Mx	-.005	2.83
16	MP1C	X	-10.456	4.83
17	MP1C	Z	-6.037	4.83
18	MP1C	Mx	-.005	4.83
19	M205	X	-26.751	1.25
20	M205	Z	-15.445	1.25
21	M205	Mx	0	1.25
22	MP3A	X	-12.015	1.17
23	MP3A	Z	-6.937	1.17
24	MP3A	Mx	-.006	1.17
25	MP3B	X	-15.37	1.17
26	MP3B	Z	-8.874	1.17
27	MP3B	Mx	0	1.17
28	MP3C	X	-12.015	1.17



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
29	MP3C	Z	-6.937	1.17
30	MP3C	Mx	.006	1.17
31	MP3A	X	-10.74	2.5
32	MP3A	Z	-6.201	2.5
33	MP3A	Mx	-.005	2.5
34	MP3B	X	-15.37	2.5
35	MP3B	Z	-8.874	2.5
36	MP3B	Mx	0	2.5
37	MP3C	X	-10.74	2.5
38	MP3C	Z	-6.201	2.5
39	MP3C	Mx	.005	2.5
40	MP3A	X	-23.162	.5
41	MP3A	Z	-13.372	.5
42	MP3A	Mx	.009	.5
43	MP3A	X	-23.162	5.5
44	MP3A	Z	-13.372	5.5
45	MP3A	Mx	.009	5.5
46	MP3B	X	-29.801	.5
47	MP3B	Z	-17.206	.5
48	MP3B	Mx	.017	.5
49	MP3B	X	-29.801	5.5
50	MP3B	Z	-17.206	5.5
51	MP3B	Mx	.017	5.5
52	MP3C	X	-23.162	.5
53	MP3C	Z	-13.372	.5
54	MP3C	Mx	-.022	.5
55	MP3C	X	-23.162	5.5
56	MP3C	Z	-13.372	5.5
57	MP3C	Mx	-.022	5.5
58	MP3A	X	-23.162	.5
59	MP3A	Z	-13.372	.5
60	MP3A	Mx	.022	.5
61	MP3A	X	-23.162	5.5
62	MP3A	Z	-13.372	5.5
63	MP3A	Mx	.022	5.5
64	MP3B	X	-29.801	.5
65	MP3B	Z	-17.206	.5
66	MP3B	Mx	-.017	.5
67	MP3B	X	-29.801	5.5
68	MP3B	Z	-17.206	5.5
69	MP3B	Mx	-.017	5.5
70	MP3C	X	-23.162	.5
71	MP3C	Z	-13.372	.5
72	MP3C	Mx	-.009	.5
73	MP3C	X	-23.162	5.5
74	MP3C	Z	-13.372	5.5
75	MP3C	Mx	-.009	5.5
76	MP4A	X	-12.392	2.33
77	MP4A	Z	-7.155	2.33
78	MP4A	Mx	.013	2.33
79	MP4A	X	-12.392	5.33
80	MP4A	Z	-7.155	5.33
81	MP4A	Mx	.013	5.33
82	MP4B	X	-17.846	2.33
83	MP4B	Z	-10.304	2.33
84	MP4B	Mx	1e-6	2.33
85	MP4B	X	-17.846	5.33



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
86	MP4B	Z	-10.304	5.33
87	MP4B	Mx	1e-6	5.33
88	MP4C	X	-12.392	2.33
89	MP4C	Z	-7.155	2.33
90	MP4C	Mx	-.013	2.33
91	MP4C	X	-12.392	5.33
92	MP4C	Z	-7.155	5.33
93	MP4C	Mx	-.013	5.33
94	M203	X	-26.751	1.25
95	M203	Z	-15.445	1.25
96	M203	Mx	0	1.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP1A	X	-7.918	2.83
2	MP1A	Z	-13.714	2.83
3	MP1A	Mx	.004	2.83
4	MP1A	X	-7.918	4.83
5	MP1A	Z	-13.714	4.83
6	MP1A	Mx	.004	4.83
7	MP1B	X	-7.918	2.83
8	MP1B	Z	-13.714	2.83
9	MP1B	Mx	.004	2.83
10	MP1B	X	-7.918	4.83
11	MP1B	Z	-13.714	4.83
12	MP1B	Mx	.004	4.83
13	MP1C	X	-5.096	2.83
14	MP1C	Z	-8.827	2.83
15	MP1C	Mx	-.005	2.83
16	MP1C	X	-5.096	4.83
17	MP1C	Z	-8.827	4.83
18	MP1C	Mx	-.005	4.83
19	M205	X	-12.91	1.25
20	M205	Z	-22.361	1.25
21	M205	Mx	0	1.25
22	MP3A	X	-8.228	1.17
23	MP3A	Z	-14.252	1.17
24	MP3A	Mx	-.004	1.17
25	MP3B	X	-8.228	1.17
26	MP3B	Z	-14.252	1.17
27	MP3B	Mx	-.004	1.17
28	MP3C	X	-6.291	1.17
29	MP3C	Z	-10.896	1.17
30	MP3C	Mx	.006	1.17
31	MP3A	X	-7.983	2.5
32	MP3A	Z	-13.827	2.5
33	MP3A	Mx	-.004	2.5
34	MP3B	X	-7.983	2.5
35	MP3B	Z	-13.827	2.5
36	MP3B	Mx	-.004	2.5
37	MP3C	X	-5.309	2.5
38	MP3C	Z	-9.196	2.5
39	MP3C	Mx	.005	2.5
40	MP3A	X	-15.928	.5
41	MP3A	Z	-27.588	.5
42	MP3A	Mx	-.003	.5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
43	MP3A	X	-15.928	5.5
44	MP3A	Z	-27.588	5.5
45	MP3A	Mx	-.003	5.5
46	MP3B	X	-15.928	.5
47	MP3B	Z	-27.588	.5
48	MP3B	Mx	.024	.5
49	MP3B	X	-15.928	5.5
50	MP3B	Z	-27.588	5.5
51	MP3B	Mx	.024	5.5
52	MP3C	X	-12.094	.5
53	MP3C	Z	-20.948	.5
54	MP3C	Mx	-.016	.5
55	MP3C	X	-12.094	5.5
56	MP3C	Z	-20.948	5.5
57	MP3C	Mx	-.016	5.5
58	MP3A	X	-15.928	.5
59	MP3A	Z	-27.588	.5
60	MP3A	Mx	.024	.5
61	MP3A	X	-15.928	5.5
62	MP3A	Z	-27.588	5.5
63	MP3A	Mx	.024	5.5
64	MP3B	X	-15.928	.5
65	MP3B	Z	-27.588	.5
66	MP3B	Mx	-.003	.5
67	MP3B	X	-15.928	5.5
68	MP3B	Z	-27.588	5.5
69	MP3B	Mx	-.003	5.5
70	MP3C	X	-12.094	.5
71	MP3C	Z	-20.948	.5
72	MP3C	Mx	-.016	.5
73	MP3C	X	-12.094	5.5
74	MP3C	Z	-20.948	5.5
75	MP3C	Mx	-.016	5.5
76	MP4A	X	-9.254	2.33
77	MP4A	Z	-16.028	2.33
78	MP4A	Mx	.01	2.33
79	MP4A	X	-9.254	5.33
80	MP4A	Z	-16.028	5.33
81	MP4A	Mx	.01	5.33
82	MP4B	X	-9.254	2.33
83	MP4B	Z	-16.028	2.33
84	MP4B	Mx	.01	2.33
85	MP4B	X	-9.254	5.33
86	MP4B	Z	-16.028	5.33
87	MP4B	Mx	.01	5.33
88	MP4C	X	-6.105	2.33
89	MP4C	Z	-10.574	2.33
90	MP4C	Mx	-.013	2.33
91	MP4C	X	-6.105	5.33
92	MP4C	Z	-10.574	5.33
93	MP4C	Mx	-.013	5.33
94	M203	X	-12.91	1.25
95	M203	Z	-22.361	1.25
96	M203	Mx	0	1.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
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Member Point Loads (BLC 27 : Antenna Wm (0 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP1A	X	0	2.83
2	MP1A	Z	-5.288	2.83
3	MP1A	Mx	0	2.83
4	MP1A	X	0	4.83
5	MP1A	Z	-5.288	4.83
6	MP1A	Mx	0	4.83
7	MP1B	X	0	2.83
8	MP1B	Z	-3.435	2.83
9	MP1B	Mx	.001	2.83
10	MP1B	X	0	4.83
11	MP1B	Z	-3.435	4.83
12	MP1B	Mx	.001	4.83
13	MP1C	X	0	2.83
14	MP1C	Z	-3.435	2.83
15	MP1C	Mx	-.001	2.83
16	MP1C	X	0	4.83
17	MP1C	Z	-3.435	4.83
18	MP1C	Mx	-.001	4.83
19	M205	X	0	1.25
20	M205	Z	-6.584	1.25
21	M205	Mx	0	1.25
22	MP3A	X	0	1.17
23	MP3A	Z	-4.908	1.17
24	MP3A	Mx	0	1.17
25	MP3B	X	0	1.17
26	MP3B	Z	-3.687	1.17
27	MP3B	Mx	-.002	1.17
28	MP3C	X	0	1.17
29	MP3C	Z	-3.687	1.17
30	MP3C	Mx	.002	1.17
31	MP3A	X	0	2.5
32	MP3A	Z	-4.908	2.5
33	MP3A	Mx	0	2.5
34	MP3B	X	0	2.5
35	MP3B	Z	-3.22	2.5
36	MP3B	Mx	-.001	2.5
37	MP3C	X	0	2.5
38	MP3C	Z	-3.22	2.5
39	MP3C	Mx	.001	2.5
40	MP3A	X	0	.5
41	MP3A	Z	-10.708	.5
42	MP3A	Mx	-.005	.5
43	MP3A	X	0	5.5
44	MP3A	Z	-10.708	5.5
45	MP3A	Mx	-.005	5.5
46	MP3B	X	0	.5
47	MP3B	Z	-7.988	.5
48	MP3B	Mx	.007	.5
49	MP3B	X	0	5.5
50	MP3B	Z	-7.988	5.5
51	MP3B	Mx	.007	5.5
52	MP3C	X	0	.5
53	MP3C	Z	-7.988	.5
54	MP3C	Mx	-.003	.5
55	MP3C	X	0	5.5
56	MP3C	Z	-7.988	5.5
57	MP3C	Mx	-.003	5.5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
58	MP3A	X	0	.5
59	MP3A	Z	-10.708	.5
60	MP3A	Mx	.005	.5
61	MP3A	X	0	5.5
62	MP3A	Z	-10.708	5.5
63	MP3A	Mx	.005	5.5
64	MP3B	X	0	.5
65	MP3B	Z	-7.988	.5
66	MP3B	Mx	.003	.5
67	MP3B	X	0	5.5
68	MP3B	Z	-7.988	5.5
69	MP3B	Mx	.003	5.5
70	MP3C	X	0	.5
71	MP3C	Z	-7.988	.5
72	MP3C	Mx	-.007	.5
73	MP3C	X	0	5.5
74	MP3C	Z	-7.988	5.5
75	MP3C	Mx	-.007	5.5
76	MP4A	X	0	2.33
77	MP4A	Z	-6.194	2.33
78	MP4A	Mx	0	2.33
79	MP4A	X	0	5.33
80	MP4A	Z	-6.194	5.33
81	MP4A	Mx	0	5.33
82	MP4B	X	0	2.33
83	MP4B	Z	-4.026	2.33
84	MP4B	Mx	.004	2.33
85	MP4B	X	0	5.33
86	MP4B	Z	-4.026	5.33
87	MP4B	Mx	.004	5.33
88	MP4C	X	0	2.33
89	MP4C	Z	-4.026	2.33
90	MP4C	Mx	-.004	2.33
91	MP4C	X	0	5.33
92	MP4C	Z	-4.026	5.33
93	MP4C	Mx	-.004	5.33
94	M203	X	0	1.25
95	M203	Z	-6.584	1.25
96	M203	Mx	0	1.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP1A	X	2.335	2.83
2	MP1A	Z	-4.045	2.83
3	MP1A	Mx	-.001	2.83
4	MP1A	X	2.335	4.83
5	MP1A	Z	-4.045	4.83
6	MP1A	Mx	-.001	4.83
7	MP1B	X	1.409	2.83
8	MP1B	Z	-2.44	2.83
9	MP1B	Mx	.001	2.83
10	MP1B	X	1.409	4.83
11	MP1B	Z	-2.44	4.83
12	MP1B	Mx	.001	4.83
13	MP1C	X	2.335	2.83
14	MP1C	Z	-4.045	2.83



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
15	MP1C	Mx	-0.001	2.83
16	MP1C	X	2.335	4.83
17	MP1C	Z	-4.045	4.83
18	MP1C	Mx	-0.001	4.83
19	M205	X	3.712	1.25
20	M205	Z	-6.43	1.25
21	M205	Mx	0	1.25
22	MP3A	X	2.25	1.17
23	MP3A	Z	-3.898	1.17
24	MP3A	Mx	.001	1.17
25	MP3B	X	1.64	1.17
26	MP3B	Z	-2.841	1.17
27	MP3B	Mx	-0.002	1.17
28	MP3C	X	2.25	1.17
29	MP3C	Z	-3.898	1.17
30	MP3C	Mx	.001	1.17
31	MP3A	X	2.173	2.5
32	MP3A	Z	-3.763	2.5
33	MP3A	Mx	.001	2.5
34	MP3B	X	1.329	2.5
35	MP3B	Z	-2.301	2.5
36	MP3B	Mx	-0.001	2.5
37	MP3C	X	2.173	2.5
38	MP3C	Z	-3.763	2.5
39	MP3C	Mx	.001	2.5
40	MP3A	X	4.9	.5
41	MP3A	Z	-8.488	.5
42	MP3A	Mx	-0.008	.5
43	MP3A	X	4.9	5.5
44	MP3A	Z	-8.488	5.5
45	MP3A	Mx	-0.008	5.5
46	MP3B	X	3.54	.5
47	MP3B	Z	-6.132	.5
48	MP3B	Mx	.005	.5
49	MP3B	X	3.54	5.5
50	MP3B	Z	-6.132	5.5
51	MP3B	Mx	.005	5.5
52	MP3C	X	4.9	.5
53	MP3C	Z	-8.488	.5
54	MP3C	Mx	.000977	.5
55	MP3C	X	4.9	5.5
56	MP3C	Z	-8.488	5.5
57	MP3C	Mx	.000977	5.5
58	MP3A	X	4.9	.5
59	MP3A	Z	-8.488	.5
60	MP3A	Mx	.000977	.5
61	MP3A	X	4.9	5.5
62	MP3A	Z	-8.488	5.5
63	MP3A	Mx	.000977	5.5
64	MP3B	X	3.54	.5
65	MP3B	Z	-6.132	.5
66	MP3B	Mx	.005	.5
67	MP3B	X	3.54	5.5
68	MP3B	Z	-6.132	5.5
69	MP3B	Mx	.005	5.5
70	MP3C	X	4.9	.5
71	MP3C	Z	-8.488	.5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
72	MP3C	Mx	-0.008	.5
73	MP3C	X	4.9	5.5
74	MP3C	Z	-8.488	5.5
75	MP3C	Mx	-0.008	5.5
76	MP4A	X	2.735	2.33
77	MP4A	Z	-4.738	2.33
78	MP4A	Mx	-0.003	2.33
79	MP4A	X	2.735	5.33
80	MP4A	Z	-4.738	5.33
81	MP4A	Mx	-0.003	5.33
82	MP4B	X	1.651	2.33
83	MP4B	Z	-2.86	2.33
84	MP4B	Mx	.004	2.33
85	MP4B	X	1.651	5.33
86	MP4B	Z	-2.86	5.33
87	MP4B	Mx	.004	5.33
88	MP4C	X	2.735	2.33
89	MP4C	Z	-4.738	2.33
90	MP4C	Mx	-0.003	2.33
91	MP4C	X	2.735	5.33
92	MP4C	Z	-4.738	5.33
93	MP4C	Mx	-0.003	5.33
94	M203	X	3.712	1.25
95	M203	Z	-6.43	1.25
96	M203	Mx	0	1.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP1A	X	2.975	2.83
2	MP1A	Z	-1.718	2.83
3	MP1A	Mx	-0.001	2.83
4	MP1A	X	2.975	4.83
5	MP1A	Z	-1.718	4.83
6	MP1A	Mx	-0.001	4.83
7	MP1B	X	2.975	2.83
8	MP1B	Z	-1.718	2.83
9	MP1B	Mx	.001	2.83
10	MP1B	X	2.975	4.83
11	MP1B	Z	-1.718	4.83
12	MP1B	Mx	.001	4.83
13	MP1C	X	4.58	2.83
14	MP1C	Z	-2.644	2.83
15	MP1C	Mx	0	2.83
16	MP1C	X	4.58	4.83
17	MP1C	Z	-2.644	4.83
18	MP1C	Mx	0	4.83
19	M205	X	7.886	1.25
20	M205	Z	-4.553	1.25
21	M205	Mx	0	1.25
22	MP3A	X	3.193	1.17
23	MP3A	Z	-1.844	1.17
24	MP3A	Mx	.002	1.17
25	MP3B	X	3.193	1.17
26	MP3B	Z	-1.844	1.17
27	MP3B	Mx	-0.002	1.17
28	MP3C	X	4.25	1.17



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
29	MP3C	Z	-2.454	1.17
30	MP3C	Mx	0	1.17
31	MP3A	X	2.788	2.5
32	MP3A	Z	-1.61	2.5
33	MP3A	Mx	.001	2.5
34	MP3B	X	2.788	2.5
35	MP3B	Z	-1.61	2.5
36	MP3B	Mx	-.001	2.5
37	MP3C	X	4.25	2.5
38	MP3C	Z	-2.454	2.5
39	MP3C	Mx	0	2.5
40	MP3A	X	6.917	.5
41	MP3A	Z	-3.994	.5
42	MP3A	Mx	-.007	.5
43	MP3A	X	6.917	5.5
44	MP3A	Z	-3.994	5.5
45	MP3A	Mx	-.007	5.5
46	MP3B	X	6.917	.5
47	MP3B	Z	-3.994	.5
48	MP3B	Mx	.003	.5
49	MP3B	X	6.917	5.5
50	MP3B	Z	-3.994	5.5
51	MP3B	Mx	.003	5.5
52	MP3C	X	9.273	.5
53	MP3C	Z	-5.354	.5
54	MP3C	Mx	.005	.5
55	MP3C	X	9.273	5.5
56	MP3C	Z	-5.354	5.5
57	MP3C	Mx	.005	5.5
58	MP3A	X	6.917	.5
59	MP3A	Z	-3.994	.5
60	MP3A	Mx	-.003	.5
61	MP3A	X	6.917	5.5
62	MP3A	Z	-3.994	5.5
63	MP3A	Mx	-.003	5.5
64	MP3B	X	6.917	.5
65	MP3B	Z	-3.994	.5
66	MP3B	Mx	.007	.5
67	MP3B	X	6.917	5.5
68	MP3B	Z	-3.994	5.5
69	MP3B	Mx	.007	5.5
70	MP3C	X	9.273	.5
71	MP3C	Z	-5.354	.5
72	MP3C	Mx	-.005	.5
73	MP3C	X	9.273	5.5
74	MP3C	Z	-5.354	5.5
75	MP3C	Mx	-.005	5.5
76	MP4A	X	3.486	2.33
77	MP4A	Z	-2.013	2.33
78	MP4A	Mx	-.004	2.33
79	MP4A	X	3.486	5.33
80	MP4A	Z	-2.013	5.33
81	MP4A	Mx	-.004	5.33
82	MP4B	X	3.486	2.33
83	MP4B	Z	-2.013	2.33
84	MP4B	Mx	.004	2.33
85	MP4B	X	3.486	5.33



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
86	MP4B	Z	-2.013	5.33
87	MP4B	Mx	.004	5.33
88	MP4C	X	5.364	2.33
89	MP4C	Z	-3.097	2.33
90	MP4C	Mx	0	2.33
91	MP4C	X	5.364	5.33
92	MP4C	Z	-3.097	5.33
93	MP4C	Mx	0	5.33
94	M203	X	7.886	1.25
95	M203	Z	-4.553	1.25
96	M203	Mx	0	1.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP1A	X	2.818	2.83
2	MP1A	Z	0	2.83
3	MP1A	Mx	-.001	2.83
4	MP1A	X	2.818	4.83
5	MP1A	Z	0	4.83
6	MP1A	Mx	-.001	4.83
7	MP1B	X	4.671	2.83
8	MP1B	Z	0	2.83
9	MP1B	Mx	.001	2.83
10	MP1B	X	4.671	4.83
11	MP1B	Z	0	4.83
12	MP1B	Mx	.001	4.83
13	MP1C	X	4.671	2.83
14	MP1C	Z	0	2.83
15	MP1C	Mx	.001	2.83
16	MP1C	X	4.671	4.83
17	MP1C	Z	0	4.83
18	MP1C	Mx	.001	4.83
19	M205	X	9.946	1.25
20	M205	Z	0	1.25
21	M205	Mx	0	1.25
22	MP3A	X	3.281	1.17
23	MP3A	Z	0	1.17
24	MP3A	Mx	.002	1.17
25	MP3B	X	4.501	1.17
26	MP3B	Z	0	1.17
27	MP3B	Mx	-.001	1.17
28	MP3C	X	4.501	1.17
29	MP3C	Z	0	1.17
30	MP3C	Mx	-.001	1.17
31	MP3A	X	2.657	2.5
32	MP3A	Z	0	2.5
33	MP3A	Mx	.001	2.5
34	MP3B	X	4.345	2.5
35	MP3B	Z	0	2.5
36	MP3B	Mx	-.001	2.5
37	MP3C	X	4.345	2.5
38	MP3C	Z	0	2.5
39	MP3C	Mx	-.001	2.5
40	MP3A	X	7.081	.5
41	MP3A	Z	0	.5
42	MP3A	Mx	-.005	.5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
43	MP3A	X	7.081	5.5
44	MP3A	Z	0	5.5
45	MP3A	Mx	-.005	5.5
46	MP3B	X	9.801	.5
47	MP3B	Z	0	.5
48	MP3B	Mx	-.000977	.5
49	MP3B	X	9.801	5.5
50	MP3B	Z	0	5.5
51	MP3B	Mx	-.000977	5.5
52	MP3C	X	9.801	.5
53	MP3C	Z	0	.5
54	MP3C	Mx	.008	.5
55	MP3C	X	9.801	5.5
56	MP3C	Z	0	5.5
57	MP3C	Mx	.008	5.5
58	MP3A	X	7.081	.5
59	MP3A	Z	0	.5
60	MP3A	Mx	-.005	.5
61	MP3A	X	7.081	5.5
62	MP3A	Z	0	5.5
63	MP3A	Mx	-.005	5.5
64	MP3B	X	9.801	.5
65	MP3B	Z	0	.5
66	MP3B	Mx	.008	.5
67	MP3B	X	9.801	5.5
68	MP3B	Z	0	5.5
69	MP3B	Mx	.008	5.5
70	MP3C	X	9.801	.5
71	MP3C	Z	0	.5
72	MP3C	Mx	-.000977	.5
73	MP3C	X	9.801	5.5
74	MP3C	Z	0	5.5
75	MP3C	Mx	-.000977	5.5
76	MP4A	X	3.303	2.33
77	MP4A	Z	0	2.33
78	MP4A	Mx	-.004	2.33
79	MP4A	X	3.303	5.33
80	MP4A	Z	0	5.33
81	MP4A	Mx	-.004	5.33
82	MP4B	X	5.471	2.33
83	MP4B	Z	0	2.33
84	MP4B	Mx	.003	2.33
85	MP4B	X	5.471	5.33
86	MP4B	Z	0	5.33
87	MP4B	Mx	.003	5.33
88	MP4C	X	5.471	2.33
89	MP4C	Z	0	2.33
90	MP4C	Mx	.003	2.33
91	MP4C	X	5.471	5.33
92	MP4C	Z	0	5.33
93	MP4C	Mx	.003	5.33
94	M203	X	9.946	1.25
95	M203	Z	0	1.25
96	M203	Mx	0	1.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
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Member Point Loads (BLC 31 : Antenna Wm (120 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP1A	X	2.975	2.83
2	MP1A	Z	1.718	2.83
3	MP1A	Mx	-.001	2.83
4	MP1A	X	2.975	4.83
5	MP1A	Z	1.718	4.83
6	MP1A	Mx	-.001	4.83
7	MP1B	X	4.58	2.83
8	MP1B	Z	2.644	2.83
9	MP1B	Mx	0	2.83
10	MP1B	X	4.58	4.83
11	MP1B	Z	2.644	4.83
12	MP1B	Mx	0	4.83
13	MP1C	X	2.975	2.83
14	MP1C	Z	1.718	2.83
15	MP1C	Mx	.001	2.83
16	MP1C	X	2.975	4.83
17	MP1C	Z	1.718	4.83
18	MP1C	Mx	.001	4.83
19	M205	X	7.886	1.25
20	M205	Z	4.553	1.25
21	M205	Mx	0	1.25
22	MP3A	X	3.193	1.17
23	MP3A	Z	1.844	1.17
24	MP3A	Mx	.002	1.17
25	MP3B	X	4.25	1.17
26	MP3B	Z	2.454	1.17
27	MP3B	Mx	0	1.17
28	MP3C	X	3.193	1.17
29	MP3C	Z	1.844	1.17
30	MP3C	Mx	-.002	1.17
31	MP3A	X	2.788	2.5
32	MP3A	Z	1.61	2.5
33	MP3A	Mx	.001	2.5
34	MP3B	X	4.25	2.5
35	MP3B	Z	2.454	2.5
36	MP3B	Mx	0	2.5
37	MP3C	X	2.788	2.5
38	MP3C	Z	1.61	2.5
39	MP3C	Mx	-.001	2.5
40	MP3A	X	6.917	.5
41	MP3A	Z	3.994	.5
42	MP3A	Mx	-.003	.5
43	MP3A	X	6.917	5.5
44	MP3A	Z	3.994	5.5
45	MP3A	Mx	-.003	5.5
46	MP3B	X	9.273	.5
47	MP3B	Z	5.354	.5
48	MP3B	Mx	-.005	.5
49	MP3B	X	9.273	5.5
50	MP3B	Z	5.354	5.5
51	MP3B	Mx	-.005	5.5
52	MP3C	X	6.917	.5
53	MP3C	Z	3.994	.5
54	MP3C	Mx	.007	.5
55	MP3C	X	6.917	5.5
56	MP3C	Z	3.994	5.5
57	MP3C	Mx	.007	5.5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
58	MP3A	X	6.917	.5
59	MP3A	Z	3.994	.5
60	MP3A	Mx	-.007	.5
61	MP3A	X	6.917	5.5
62	MP3A	Z	3.994	5.5
63	MP3A	Mx	-.007	5.5
64	MP3B	X	9.273	.5
65	MP3B	Z	5.354	.5
66	MP3B	Mx	.005	.5
67	MP3B	X	9.273	5.5
68	MP3B	Z	5.354	5.5
69	MP3B	Mx	.005	5.5
70	MP3C	X	6.917	.5
71	MP3C	Z	3.994	.5
72	MP3C	Mx	.003	.5
73	MP3C	X	6.917	5.5
74	MP3C	Z	3.994	5.5
75	MP3C	Mx	.003	5.5
76	MP4A	X	3.486	2.33
77	MP4A	Z	2.013	2.33
78	MP4A	Mx	-.004	2.33
79	MP4A	X	3.486	5.33
80	MP4A	Z	2.013	5.33
81	MP4A	Mx	-.004	5.33
82	MP4B	X	5.364	2.33
83	MP4B	Z	3.097	2.33
84	MP4B	Mx	0	2.33
85	MP4B	X	5.364	5.33
86	MP4B	Z	3.097	5.33
87	MP4B	Mx	0	5.33
88	MP4C	X	3.486	2.33
89	MP4C	Z	2.013	2.33
90	MP4C	Mx	.004	2.33
91	MP4C	X	3.486	5.33
92	MP4C	Z	2.013	5.33
93	MP4C	Mx	.004	5.33
94	M203	X	7.886	1.25
95	M203	Z	4.553	1.25
96	M203	Mx	0	1.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP1A	X	2.335	2.83
2	MP1A	Z	4.045	2.83
3	MP1A	Mx	-.001	2.83
4	MP1A	X	2.335	4.83
5	MP1A	Z	4.045	4.83
6	MP1A	Mx	-.001	4.83
7	MP1B	X	2.335	2.83
8	MP1B	Z	4.045	2.83
9	MP1B	Mx	-.001	2.83
10	MP1B	X	2.335	4.83
11	MP1B	Z	4.045	4.83
12	MP1B	Mx	-.001	4.83
13	MP1C	X	1.409	2.83
14	MP1C	Z	2.44	2.83



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
15	MP1C	Mx	.001	2.83
16	MP1C	X	1.409	4.83
17	MP1C	Z	2.44	4.83
18	MP1C	Mx	.001	4.83
19	M205	X	3.712	1.25
20	M205	Z	6.43	1.25
21	M205	Mx	0	1.25
22	MP3A	X	2.25	1.17
23	MP3A	Z	3.898	1.17
24	MP3A	Mx	.001	1.17
25	MP3B	X	2.25	1.17
26	MP3B	Z	3.898	1.17
27	MP3B	Mx	.001	1.17
28	MP3C	X	1.64	1.17
29	MP3C	Z	2.841	1.17
30	MP3C	Mx	-.002	1.17
31	MP3A	X	2.173	2.5
32	MP3A	Z	3.763	2.5
33	MP3A	Mx	.001	2.5
34	MP3B	X	2.173	2.5
35	MP3B	Z	3.763	2.5
36	MP3B	Mx	.001	2.5
37	MP3C	X	1.329	2.5
38	MP3C	Z	2.301	2.5
39	MP3C	Mx	-.001	2.5
40	MP3A	X	4.9	.5
41	MP3A	Z	8.488	.5
42	MP3A	Mx	.000977	.5
43	MP3A	X	4.9	5.5
44	MP3A	Z	8.488	5.5
45	MP3A	Mx	.000977	5.5
46	MP3B	X	4.9	.5
47	MP3B	Z	8.488	.5
48	MP3B	Mx	-.008	.5
49	MP3B	X	4.9	5.5
50	MP3B	Z	8.488	5.5
51	MP3B	Mx	-.008	5.5
52	MP3C	X	3.54	.5
53	MP3C	Z	6.132	.5
54	MP3C	Mx	.005	.5
55	MP3C	X	3.54	5.5
56	MP3C	Z	6.132	5.5
57	MP3C	Mx	.005	5.5
58	MP3A	X	4.9	.5
59	MP3A	Z	8.488	.5
60	MP3A	Mx	-.008	.5
61	MP3A	X	4.9	5.5
62	MP3A	Z	8.488	5.5
63	MP3A	Mx	-.008	5.5
64	MP3B	X	4.9	.5
65	MP3B	Z	8.488	.5
66	MP3B	Mx	.000977	.5
67	MP3B	X	4.9	5.5
68	MP3B	Z	8.488	5.5
69	MP3B	Mx	.000977	5.5
70	MP3C	X	3.54	.5
71	MP3C	Z	6.132	.5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
72	MP3C	Mx	.005	.5
73	MP3C	X	3.54	5.5
74	MP3C	Z	6.132	5.5
75	MP3C	Mx	.005	5.5
76	MP4A	X	2.735	2.33
77	MP4A	Z	4.738	2.33
78	MP4A	Mx	-.003	2.33
79	MP4A	X	2.735	5.33
80	MP4A	Z	4.738	5.33
81	MP4A	Mx	-.003	5.33
82	MP4B	X	2.735	2.33
83	MP4B	Z	4.738	2.33
84	MP4B	Mx	-.003	2.33
85	MP4B	X	2.735	5.33
86	MP4B	Z	4.738	5.33
87	MP4B	Mx	-.003	5.33
88	MP4C	X	1.651	2.33
89	MP4C	Z	2.86	2.33
90	MP4C	Mx	.004	2.33
91	MP4C	X	1.651	5.33
92	MP4C	Z	2.86	5.33
93	MP4C	Mx	.004	5.33
94	M203	X	3.712	1.25
95	M203	Z	6.43	1.25
96	M203	Mx	0	1.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP1A	X	0	2.83
2	MP1A	Z	5.288	2.83
3	MP1A	Mx	0	2.83
4	MP1A	X	0	4.83
5	MP1A	Z	5.288	4.83
6	MP1A	Mx	0	4.83
7	MP1B	X	0	2.83
8	MP1B	Z	3.435	2.83
9	MP1B	Mx	-.001	2.83
10	MP1B	X	0	4.83
11	MP1B	Z	3.435	4.83
12	MP1B	Mx	-.001	4.83
13	MP1C	X	0	2.83
14	MP1C	Z	3.435	2.83
15	MP1C	Mx	.001	2.83
16	MP1C	X	0	4.83
17	MP1C	Z	3.435	4.83
18	MP1C	Mx	.001	4.83
19	M205	X	0	1.25
20	M205	Z	6.584	1.25
21	M205	Mx	0	1.25
22	MP3A	X	0	1.17
23	MP3A	Z	4.908	1.17
24	MP3A	Mx	0	1.17
25	MP3B	X	0	1.17
26	MP3B	Z	3.687	1.17
27	MP3B	Mx	.002	1.17
28	MP3C	X	0	1.17



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
29	MP3C	Z	3.687	1.17
30	MP3C	Mx	-.002	1.17
31	MP3A	X	0	2.5
32	MP3A	Z	4.908	2.5
33	MP3A	Mx	0	2.5
34	MP3B	X	0	2.5
35	MP3B	Z	3.22	2.5
36	MP3B	Mx	.001	2.5
37	MP3C	X	0	2.5
38	MP3C	Z	3.22	2.5
39	MP3C	Mx	-.001	2.5
40	MP3A	X	0	.5
41	MP3A	Z	10.708	.5
42	MP3A	Mx	.005	.5
43	MP3A	X	0	5.5
44	MP3A	Z	10.708	5.5
45	MP3A	Mx	.005	5.5
46	MP3B	X	0	.5
47	MP3B	Z	7.988	.5
48	MP3B	Mx	-.007	.5
49	MP3B	X	0	5.5
50	MP3B	Z	7.988	5.5
51	MP3B	Mx	-.007	5.5
52	MP3C	X	0	.5
53	MP3C	Z	7.988	.5
54	MP3C	Mx	.003	.5
55	MP3C	X	0	5.5
56	MP3C	Z	7.988	5.5
57	MP3C	Mx	.003	5.5
58	MP3A	X	0	.5
59	MP3A	Z	10.708	.5
60	MP3A	Mx	-.005	.5
61	MP3A	X	0	5.5
62	MP3A	Z	10.708	5.5
63	MP3A	Mx	-.005	5.5
64	MP3B	X	0	.5
65	MP3B	Z	7.988	.5
66	MP3B	Mx	-.003	.5
67	MP3B	X	0	5.5
68	MP3B	Z	7.988	5.5
69	MP3B	Mx	-.003	5.5
70	MP3C	X	0	.5
71	MP3C	Z	7.988	.5
72	MP3C	Mx	.007	.5
73	MP3C	X	0	5.5
74	MP3C	Z	7.988	5.5
75	MP3C	Mx	.007	5.5
76	MP4A	X	0	2.33
77	MP4A	Z	6.194	2.33
78	MP4A	Mx	0	2.33
79	MP4A	X	0	5.33
80	MP4A	Z	6.194	5.33
81	MP4A	Mx	0	5.33
82	MP4B	X	0	2.33
83	MP4B	Z	4.026	2.33
84	MP4B	Mx	-.004	2.33
85	MP4B	X	0	5.33



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
86	MP4B	Z	4.026	5.33
87	MP4B	Mx	-0.04	5.33
88	MP4C	X	0	2.33
89	MP4C	Z	4.026	2.33
90	MP4C	Mx	.004	2.33
91	MP4C	X	0	5.33
92	MP4C	Z	4.026	5.33
93	MP4C	Mx	.004	5.33
94	M203	X	0	1.25
95	M203	Z	6.584	1.25
96	M203	Mx	0	1.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP1A	X	-2.335	2.83
2	MP1A	Z	4.045	2.83
3	MP1A	Mx	.001	2.83
4	MP1A	X	-2.335	4.83
5	MP1A	Z	4.045	4.83
6	MP1A	Mx	.001	4.83
7	MP1B	X	-1.409	2.83
8	MP1B	Z	2.44	2.83
9	MP1B	Mx	-.001	2.83
10	MP1B	X	-1.409	4.83
11	MP1B	Z	2.44	4.83
12	MP1B	Mx	-.001	4.83
13	MP1C	X	-2.335	2.83
14	MP1C	Z	4.045	2.83
15	MP1C	Mx	.001	2.83
16	MP1C	X	-2.335	4.83
17	MP1C	Z	4.045	4.83
18	MP1C	Mx	.001	4.83
19	M205	X	-3.712	1.25
20	M205	Z	6.43	1.25
21	M205	Mx	0	1.25
22	MP3A	X	-2.25	1.17
23	MP3A	Z	3.898	1.17
24	MP3A	Mx	-.001	1.17
25	MP3B	X	-1.64	1.17
26	MP3B	Z	2.841	1.17
27	MP3B	Mx	.002	1.17
28	MP3C	X	-2.25	1.17
29	MP3C	Z	3.898	1.17
30	MP3C	Mx	-.001	1.17
31	MP3A	X	-2.173	2.5
32	MP3A	Z	3.763	2.5
33	MP3A	Mx	-.001	2.5
34	MP3B	X	-1.329	2.5
35	MP3B	Z	2.301	2.5
36	MP3B	Mx	.001	2.5
37	MP3C	X	-2.173	2.5
38	MP3C	Z	3.763	2.5
39	MP3C	Mx	-.001	2.5
40	MP3A	X	-4.9	.5
41	MP3A	Z	8.488	.5
42	MP3A	Mx	.008	.5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
43	MP3A	X	-4.9	5.5
44	MP3A	Z	8.488	5.5
45	MP3A	Mx	.008	5.5
46	MP3B	X	-3.54	.5
47	MP3B	Z	6.132	.5
48	MP3B	Mx	-.005	.5
49	MP3B	X	-3.54	5.5
50	MP3B	Z	6.132	5.5
51	MP3B	Mx	-.005	5.5
52	MP3C	X	-4.9	.5
53	MP3C	Z	8.488	.5
54	MP3C	Mx	-.000977	.5
55	MP3C	X	-4.9	5.5
56	MP3C	Z	8.488	5.5
57	MP3C	Mx	-.000977	5.5
58	MP3A	X	-4.9	.5
59	MP3A	Z	8.488	.5
60	MP3A	Mx	-.000977	.5
61	MP3A	X	-4.9	5.5
62	MP3A	Z	8.488	5.5
63	MP3A	Mx	-.000977	5.5
64	MP3B	X	-3.54	.5
65	MP3B	Z	6.132	.5
66	MP3B	Mx	-.005	.5
67	MP3B	X	-3.54	5.5
68	MP3B	Z	6.132	5.5
69	MP3B	Mx	-.005	5.5
70	MP3C	X	-4.9	.5
71	MP3C	Z	8.488	.5
72	MP3C	Mx	.008	.5
73	MP3C	X	-4.9	5.5
74	MP3C	Z	8.488	5.5
75	MP3C	Mx	.008	5.5
76	MP4A	X	-2.735	2.33
77	MP4A	Z	4.738	2.33
78	MP4A	Mx	.003	2.33
79	MP4A	X	-2.735	5.33
80	MP4A	Z	4.738	5.33
81	MP4A	Mx	.003	5.33
82	MP4B	X	-1.651	2.33
83	MP4B	Z	2.86	2.33
84	MP4B	Mx	-.004	2.33
85	MP4B	X	-1.651	5.33
86	MP4B	Z	2.86	5.33
87	MP4B	Mx	-.004	5.33
88	MP4C	X	-2.735	2.33
89	MP4C	Z	4.738	2.33
90	MP4C	Mx	.003	2.33
91	MP4C	X	-2.735	5.33
92	MP4C	Z	4.738	5.33
93	MP4C	Mx	.003	5.33
94	M203	X	-3.712	1.25
95	M203	Z	6.43	1.25
96	M203	Mx	0	1.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
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Member Point Loads (BLC 35 : Antenna Wm (240 Deg)) (Continued)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
1	MP1A	X	-2.975	2.83
2	MP1A	Z	1.718	2.83
3	MP1A	Mx	.001	2.83
4	MP1A	X	-2.975	4.83
5	MP1A	Z	1.718	4.83
6	MP1A	Mx	.001	4.83
7	MP1B	X	-2.975	2.83
8	MP1B	Z	1.718	2.83
9	MP1B	Mx	-.001	2.83
10	MP1B	X	-2.975	4.83
11	MP1B	Z	1.718	4.83
12	MP1B	Mx	-.001	4.83
13	MP1C	X	-4.58	2.83
14	MP1C	Z	2.644	2.83
15	MP1C	Mx	0	2.83
16	MP1C	X	-4.58	4.83
17	MP1C	Z	2.644	4.83
18	MP1C	Mx	0	4.83
19	M205	X	-7.886	1.25
20	M205	Z	4.553	1.25
21	M205	Mx	0	1.25
22	MP3A	X	-3.193	1.17
23	MP3A	Z	1.844	1.17
24	MP3A	Mx	-.002	1.17
25	MP3B	X	-3.193	1.17
26	MP3B	Z	1.844	1.17
27	MP3B	Mx	.002	1.17
28	MP3C	X	-4.25	1.17
29	MP3C	Z	2.454	1.17
30	MP3C	Mx	0	1.17
31	MP3A	X	-2.788	2.5
32	MP3A	Z	1.61	2.5
33	MP3A	Mx	-.001	2.5
34	MP3B	X	-2.788	2.5
35	MP3B	Z	1.61	2.5
36	MP3B	Mx	.001	2.5
37	MP3C	X	-4.25	2.5
38	MP3C	Z	2.454	2.5
39	MP3C	Mx	0	2.5
40	MP3A	X	-6.917	.5
41	MP3A	Z	3.994	.5
42	MP3A	Mx	.007	.5
43	MP3A	X	-6.917	5.5
44	MP3A	Z	3.994	5.5
45	MP3A	Mx	.007	5.5
46	MP3B	X	-6.917	.5
47	MP3B	Z	3.994	.5
48	MP3B	Mx	-.003	.5
49	MP3B	X	-6.917	5.5
50	MP3B	Z	3.994	5.5
51	MP3B	Mx	-.003	5.5
52	MP3C	X	-9.273	.5
53	MP3C	Z	5.354	.5
54	MP3C	Mx	-.005	.5
55	MP3C	X	-9.273	5.5
56	MP3C	Z	5.354	5.5
57	MP3C	Mx	-.005	5.5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
58	MP3A	X	-6.917	.5
59	MP3A	Z	3.994	.5
60	MP3A	Mx	.003	.5
61	MP3A	X	-6.917	5.5
62	MP3A	Z	3.994	5.5
63	MP3A	Mx	.003	5.5
64	MP3B	X	-6.917	.5
65	MP3B	Z	3.994	.5
66	MP3B	Mx	-.007	.5
67	MP3B	X	-6.917	5.5
68	MP3B	Z	3.994	5.5
69	MP3B	Mx	-.007	5.5
70	MP3C	X	-9.273	.5
71	MP3C	Z	5.354	.5
72	MP3C	Mx	.005	.5
73	MP3C	X	-9.273	5.5
74	MP3C	Z	5.354	5.5
75	MP3C	Mx	.005	5.5
76	MP4A	X	-3.486	2.33
77	MP4A	Z	2.013	2.33
78	MP4A	Mx	.004	2.33
79	MP4A	X	-3.486	5.33
80	MP4A	Z	2.013	5.33
81	MP4A	Mx	.004	5.33
82	MP4B	X	-3.486	2.33
83	MP4B	Z	2.013	2.33
84	MP4B	Mx	-.004	2.33
85	MP4B	X	-3.486	5.33
86	MP4B	Z	2.013	5.33
87	MP4B	Mx	-.004	5.33
88	MP4C	X	-5.364	2.33
89	MP4C	Z	3.097	2.33
90	MP4C	Mx	0	2.33
91	MP4C	X	-5.364	5.33
92	MP4C	Z	3.097	5.33
93	MP4C	Mx	0	5.33
94	M203	X	-7.886	1.25
95	M203	Z	4.553	1.25
96	M203	Mx	0	1.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP1A	X	-2.818	2.83
2	MP1A	Z	0	2.83
3	MP1A	Mx	.001	2.83
4	MP1A	X	-2.818	4.83
5	MP1A	Z	0	4.83
6	MP1A	Mx	.001	4.83
7	MP1B	X	-4.671	2.83
8	MP1B	Z	0	2.83
9	MP1B	Mx	-.001	2.83
10	MP1B	X	-4.671	4.83
11	MP1B	Z	0	4.83
12	MP1B	Mx	-.001	4.83
13	MP1C	X	-4.671	2.83
14	MP1C	Z	0	2.83



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
15	MP1C	Mx	-.001	2.83
16	MP1C	X	-4.671	4.83
17	MP1C	Z	0	4.83
18	MP1C	Mx	-.001	4.83
19	M205	X	-9.946	1.25
20	M205	Z	0	1.25
21	M205	Mx	0	1.25
22	MP3A	X	-3.281	1.17
23	MP3A	Z	0	1.17
24	MP3A	Mx	-.002	1.17
25	MP3B	X	-4.501	1.17
26	MP3B	Z	0	1.17
27	MP3B	Mx	.001	1.17
28	MP3C	X	-4.501	1.17
29	MP3C	Z	0	1.17
30	MP3C	Mx	.001	1.17
31	MP3A	X	-2.657	2.5
32	MP3A	Z	0	2.5
33	MP3A	Mx	-.001	2.5
34	MP3B	X	-4.345	2.5
35	MP3B	Z	0	2.5
36	MP3B	Mx	.001	2.5
37	MP3C	X	-4.345	2.5
38	MP3C	Z	0	2.5
39	MP3C	Mx	.001	2.5
40	MP3A	X	-7.081	.5
41	MP3A	Z	0	.5
42	MP3A	Mx	.005	.5
43	MP3A	X	-7.081	5.5
44	MP3A	Z	0	5.5
45	MP3A	Mx	.005	5.5
46	MP3B	X	-9.801	.5
47	MP3B	Z	0	.5
48	MP3B	Mx	.000977	.5
49	MP3B	X	-9.801	5.5
50	MP3B	Z	0	5.5
51	MP3B	Mx	.000977	5.5
52	MP3C	X	-9.801	.5
53	MP3C	Z	0	.5
54	MP3C	Mx	-.008	.5
55	MP3C	X	-9.801	5.5
56	MP3C	Z	0	5.5
57	MP3C	Mx	-.008	5.5
58	MP3A	X	-7.081	.5
59	MP3A	Z	0	.5
60	MP3A	Mx	.005	.5
61	MP3A	X	-7.081	5.5
62	MP3A	Z	0	5.5
63	MP3A	Mx	.005	5.5
64	MP3B	X	-9.801	.5
65	MP3B	Z	0	.5
66	MP3B	Mx	-.008	.5
67	MP3B	X	-9.801	5.5
68	MP3B	Z	0	5.5
69	MP3B	Mx	-.008	5.5
70	MP3C	X	-9.801	.5
71	MP3C	Z	0	.5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
72	MP3C	Mx	.000977	.5
73	MP3C	X	-9.801	5.5
74	MP3C	Z	0	5.5
75	MP3C	Mx	.000977	5.5
76	MP4A	X	-3.303	2.33
77	MP4A	Z	0	2.33
78	MP4A	Mx	.004	2.33
79	MP4A	X	-3.303	5.33
80	MP4A	Z	0	5.33
81	MP4A	Mx	.004	5.33
82	MP4B	X	-5.471	2.33
83	MP4B	Z	0	2.33
84	MP4B	Mx	-.003	2.33
85	MP4B	X	-5.471	5.33
86	MP4B	Z	0	5.33
87	MP4B	Mx	-.003	5.33
88	MP4C	X	-5.471	2.33
89	MP4C	Z	0	2.33
90	MP4C	Mx	-.003	2.33
91	MP4C	X	-5.471	5.33
92	MP4C	Z	0	5.33
93	MP4C	Mx	-.003	5.33
94	M203	X	-9.946	1.25
95	M203	Z	0	1.25
96	M203	Mx	0	1.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP1A	X	-2.975	2.83
2	MP1A	Z	-1.718	2.83
3	MP1A	Mx	.001	2.83
4	MP1A	X	-2.975	4.83
5	MP1A	Z	-1.718	4.83
6	MP1A	Mx	.001	4.83
7	MP1B	X	-4.58	2.83
8	MP1B	Z	-2.644	2.83
9	MP1B	Mx	0	2.83
10	MP1B	X	-4.58	4.83
11	MP1B	Z	-2.644	4.83
12	MP1B	Mx	0	4.83
13	MP1C	X	-2.975	2.83
14	MP1C	Z	-1.718	2.83
15	MP1C	Mx	-.001	2.83
16	MP1C	X	-2.975	4.83
17	MP1C	Z	-1.718	4.83
18	MP1C	Mx	-.001	4.83
19	M205	X	-7.886	1.25
20	M205	Z	-4.553	1.25
21	M205	Mx	0	1.25
22	MP3A	X	-3.193	1.17
23	MP3A	Z	-1.844	1.17
24	MP3A	Mx	-.002	1.17
25	MP3B	X	-4.25	1.17
26	MP3B	Z	-2.454	1.17
27	MP3B	Mx	0	1.17
28	MP3C	X	-3.193	1.17



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
29	MP3C	Z	-1.844	1.17
30	MP3C	Mx	.002	1.17
31	MP3A	X	-2.788	2.5
32	MP3A	Z	-1.61	2.5
33	MP3A	Mx	-.001	2.5
34	MP3B	X	-4.25	2.5
35	MP3B	Z	-2.454	2.5
36	MP3B	Mx	0	2.5
37	MP3C	X	-2.788	2.5
38	MP3C	Z	-1.61	2.5
39	MP3C	Mx	.001	2.5
40	MP3A	X	-6.917	.5
41	MP3A	Z	-3.994	.5
42	MP3A	Mx	.003	.5
43	MP3A	X	-6.917	5.5
44	MP3A	Z	-3.994	5.5
45	MP3A	Mx	.003	5.5
46	MP3B	X	-9.273	.5
47	MP3B	Z	-5.354	.5
48	MP3B	Mx	.005	.5
49	MP3B	X	-9.273	5.5
50	MP3B	Z	-5.354	5.5
51	MP3B	Mx	.005	5.5
52	MP3C	X	-6.917	.5
53	MP3C	Z	-3.994	.5
54	MP3C	Mx	-.007	.5
55	MP3C	X	-6.917	5.5
56	MP3C	Z	-3.994	5.5
57	MP3C	Mx	-.007	5.5
58	MP3A	X	-6.917	.5
59	MP3A	Z	-3.994	.5
60	MP3A	Mx	.007	.5
61	MP3A	X	-6.917	5.5
62	MP3A	Z	-3.994	5.5
63	MP3A	Mx	.007	5.5
64	MP3B	X	-9.273	.5
65	MP3B	Z	-5.354	.5
66	MP3B	Mx	-.005	.5
67	MP3B	X	-9.273	5.5
68	MP3B	Z	-5.354	5.5
69	MP3B	Mx	-.005	5.5
70	MP3C	X	-6.917	.5
71	MP3C	Z	-3.994	.5
72	MP3C	Mx	-.003	.5
73	MP3C	X	-6.917	5.5
74	MP3C	Z	-3.994	5.5
75	MP3C	Mx	-.003	5.5
76	MP4A	X	-3.486	2.33
77	MP4A	Z	-2.013	2.33
78	MP4A	Mx	.004	2.33
79	MP4A	X	-3.486	5.33
80	MP4A	Z	-2.013	5.33
81	MP4A	Mx	.004	5.33
82	MP4B	X	-5.364	2.33
83	MP4B	Z	-3.097	2.33
84	MP4B	Mx	0	2.33
85	MP4B	X	-5.364	5.33



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
86	MP4B	Z	-3.097	5.33
87	MP4B	Mx	0	5.33
88	MP4C	X	-3.486	2.33
89	MP4C	Z	-2.013	2.33
90	MP4C	Mx	-.004	2.33
91	MP4C	X	-3.486	5.33
92	MP4C	Z	-2.013	5.33
93	MP4C	Mx	-.004	5.33
94	M203	X	-7.886	1.25
95	M203	Z	-4.553	1.25
96	M203	Mx	0	1.25

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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft,%]
1	MP1A	X	-2.335	2.83
2	MP1A	Z	-4.045	2.83
3	MP1A	Mx	.001	2.83
4	MP1A	X	-2.335	4.83
5	MP1A	Z	-4.045	4.83
6	MP1A	Mx	.001	4.83
7	MP1B	X	-2.335	2.83
8	MP1B	Z	-4.045	2.83
9	MP1B	Mx	.001	2.83
10	MP1B	X	-2.335	4.83
11	MP1B	Z	-4.045	4.83
12	MP1B	Mx	.001	4.83
13	MP1C	X	-1.409	2.83
14	MP1C	Z	-2.44	2.83
15	MP1C	Mx	-.001	2.83
16	MP1C	X	-1.409	4.83
17	MP1C	Z	-2.44	4.83
18	MP1C	Mx	-.001	4.83
19	M205	X	-3.712	1.25
20	M205	Z	-6.43	1.25
21	M205	Mx	0	1.25
22	MP3A	X	-2.25	1.17
23	MP3A	Z	-3.898	1.17
24	MP3A	Mx	-.001	1.17
25	MP3B	X	-2.25	1.17
26	MP3B	Z	-3.898	1.17
27	MP3B	Mx	-.001	1.17
28	MP3C	X	-1.64	1.17
29	MP3C	Z	-2.841	1.17
30	MP3C	Mx	.002	1.17
31	MP3A	X	-2.173	2.5
32	MP3A	Z	-3.763	2.5
33	MP3A	Mx	-.001	2.5
34	MP3B	X	-2.173	2.5
35	MP3B	Z	-3.763	2.5
36	MP3B	Mx	-.001	2.5
37	MP3C	X	-1.329	2.5
38	MP3C	Z	-2.301	2.5
39	MP3C	Mx	.001	2.5
40	MP3A	X	-4.9	.5
41	MP3A	Z	-8.488	.5
42	MP3A	Mx	-.000977	.5



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

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
43	MP3A	X	-4.9	5.5
44	MP3A	Z	-8.488	5.5
45	MP3A	Mx	-.000977	5.5
46	MP3B	X	-4.9	.5
47	MP3B	Z	-8.488	.5
48	MP3B	Mx	.008	.5
49	MP3B	X	-4.9	5.5
50	MP3B	Z	-8.488	5.5
51	MP3B	Mx	.008	5.5
52	MP3C	X	-3.54	.5
53	MP3C	Z	-6.132	.5
54	MP3C	Mx	-.005	.5
55	MP3C	X	-3.54	5.5
56	MP3C	Z	-6.132	5.5
57	MP3C	Mx	-.005	5.5
58	MP3A	X	-4.9	.5
59	MP3A	Z	-8.488	.5
60	MP3A	Mx	.008	.5
61	MP3A	X	-4.9	5.5
62	MP3A	Z	-8.488	5.5
63	MP3A	Mx	.008	5.5
64	MP3B	X	-4.9	.5
65	MP3B	Z	-8.488	.5
66	MP3B	Mx	-.000977	.5
67	MP3B	X	-4.9	5.5
68	MP3B	Z	-8.488	5.5
69	MP3B	Mx	-.000977	5.5
70	MP3C	X	-3.54	.5
71	MP3C	Z	-6.132	.5
72	MP3C	Mx	-.005	.5
73	MP3C	X	-3.54	5.5
74	MP3C	Z	-6.132	5.5
75	MP3C	Mx	-.005	5.5
76	MP4A	X	-2.735	2.33
77	MP4A	Z	-4.738	2.33
78	MP4A	Mx	.003	2.33
79	MP4A	X	-2.735	5.33
80	MP4A	Z	-4.738	5.33
81	MP4A	Mx	.003	5.33
82	MP4B	X	-2.735	2.33
83	MP4B	Z	-4.738	2.33
84	MP4B	Mx	.003	2.33
85	MP4B	X	-2.735	5.33
86	MP4B	Z	-4.738	5.33
87	MP4B	Mx	.003	5.33
88	MP4C	X	-1.651	2.33
89	MP4C	Z	-2.86	2.33
90	MP4C	Mx	-.004	2.33
91	MP4C	X	-1.651	5.33
92	MP4C	Z	-2.86	5.33
93	MP4C	Mx	-.004	5.33
94	M203	X	-3.712	1.25
95	M203	Z	-6.43	1.25
96	M203	Mx	0	1.25

Member Point Loads (BLC 77 : Lm1)

	Member Label	Direction	Magnitude[lb.k-ft]	Location[ft.%]
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Member Point Loads (BLC 77 : Lm1) (Continued)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M172	Y	-500	%42

Member Point Loads (BLC 78 : Lm2)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M175	Y	-500	%90.311

Member Point Loads (BLC 79 : Lv1)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M172	Y	-250	%50

Member Point Loads (BLC 80 : Lv2)

	Member Label	Direction	Magnitude[lb,k-ft]	Location[ft,%]
1	M151	Y	-250	0

Member Distributed Loads (BLC 40 : Structure Di)

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...]	End Location[ft...]
1	M1	Y	-12.03	-12.03	0	%100
2	M4	Y	-14.855	-14.855	0	%100
3	M5	Y	-14.855	-14.855	0	%100
4	M18	Y	-9.566	-9.566	0	%100
5	M19	Y	-9.566	-9.566	0	%100
6	M20	Y	-9.566	-9.566	0	%100
7	M21	Y	-9.566	-9.566	0	%100
8	M22	Y	-9.566	-9.566	0	%100
9	M28	Y	-14.855	-14.855	0	%100
10	M29	Y	-14.855	-14.855	0	%100
11	M27A	Y	-9.566	-9.566	0	%100
12	M28A	Y	-9.566	-9.566	0	%100
13	M29A	Y	-9.566	-9.566	0	%100
14	M44	Y	-20.473	-20.473	0	%100
15	M47	Y	-20.473	-20.473	0	%100
16	M48	Y	-20.473	-20.473	0	%100
17	M51	Y	-12.54	-12.54	0	%100
18	M52	Y	-12.03	-12.03	0	%100
19	M55	Y	-14.855	-14.855	0	%100
20	M56	Y	-14.855	-14.855	0	%100
21	M69	Y	-9.566	-9.566	0	%100
22	M70	Y	-9.566	-9.566	0	%100
23	M71	Y	-9.566	-9.566	0	%100
24	M72	Y	-9.566	-9.566	0	%100
25	M73	Y	-9.566	-9.566	0	%100
26	M76	Y	-14.855	-14.855	0	%100
27	M77	Y	-14.855	-14.855	0	%100
28	M78	Y	-9.566	-9.566	0	%100
29	M79	Y	-9.566	-9.566	0	%100
30	M80	Y	-9.566	-9.566	0	%100
31	M95	Y	-20.473	-20.473	0	%100
32	M98	Y	-20.473	-20.473	0	%100
33	M99	Y	-20.473	-20.473	0	%100
34	M102	Y	-12.54	-12.54	0	%100
35	M103	Y	-12.03	-12.03	0	%100
36	M106	Y	-14.855	-14.855	0	%100
37	M107	Y	-14.855	-14.855	0	%100
38	M120	Y	-9.566	-9.566	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...End Location[ft...
39	M121	Y	-9.566	0 %100
40	M122	Y	-9.566	0 %100
41	M123	Y	-9.566	0 %100
42	M124	Y	-9.566	0 %100
43	M127	Y	-14.855	0 %100
44	M128	Y	-14.855	0 %100
45	M129	Y	-9.566	0 %100
46	M130	Y	-9.566	0 %100
47	M131	Y	-9.566	0 %100
48	M146	Y	-20.473	0 %100
49	M149	Y	-20.473	0 %100
50	M150	Y	-20.473	0 %100
51	M153	Y	-12.54	0 %100
52	M148A	Y	-14.855	0 %100
53	M149A	Y	-14.855	0 %100
54	M150A	Y	-14.855	0 %100
55	M151A	Y	-8.613	0 %100
56	M152A	Y	-16.26	0 %100
57	M154	Y	-8.613	0 %100
58	M157	Y	-8.613	0 %100
59	M166	Y	-16.26	0 %100
60	M162A	Y	-16.26	0 %100
61	M163A	Y	-16.26	0 %100
62	M164A	Y	-16.26	0 %100
63	M165A	Y	-16.26	0 %100
64	M166A	Y	-16.26	0 %100
65	M167	Y	-16.26	0 %100
66	M168	Y	-16.26	0 %100
67	M169	Y	-16.26	0 %100
68	M170	Y	-16.26	0 %100
69	M171	Y	-16.26	0 %100
70	M172	Y	-8.613	0 %100
71	M173	Y	-8.613	0 %100
72	M174	Y	-8.613	0 %100
73	M175	Y	-8.613	0 %100
74	M176	Y	-8.613	0 %100
75	M177	Y	-8.613	0 %100
76	MP4A	Y	-8.613	0 %100
77	MP1A	Y	-8.613	0 %100
78	MP3A	Y	-8.613	0 %100
79	MP2A	Y	-8.613	0 %100
80	MP4C	Y	-8.613	0 %100
81	MP1C	Y	-8.613	0 %100
82	MP3C	Y	-8.613	0 %100
83	MP2C	Y	-8.613	0 %100
84	MP4B	Y	-8.613	0 %100
85	MP1B	Y	-8.613	0 %100
86	MP3B	Y	-8.613	0 %100
87	MP2B	Y	-8.613	0 %100
88	M203	Y	-8.613	0 %100
89	M205	Y	-8.613	0 %100
90	M208	Y	-4.933	0 %100
91	M209	Y	-4.933	0 %100
92	M210	Y	-4.933	0 %100
93	M211	Y	-4.933	0 %100
94	M212	Y	-4.933	0 %100
95	M213	Y	-4.933	0 %100



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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Locationft...	End Locationft...
96	M214	Y	-4.933	-4.933	0	%100
97	M215	Y	-4.933	-4.933	0	%100
98	M218	Y	-4.933	-4.933	0	%100
99	M219	Y	-4.933	-4.933	0	%100
100	M220	Y	-4.933	-4.933	0	%100
101	M221	Y	-4.933	-4.933	0	%100
102	M210B	Y	-9.664	-9.664	0	%100
103	M215A	Y	-9.664	-9.664	0	%100
104	M220B	Y	-9.664	-9.664	0	%100
105	M221B	Y	-12.54	-12.54	0	%100
106	M222A	Y	-12.54	-12.54	0	%100
107	M223A	Y	-12.54	-12.54	0	%100
108	M224	Y	-11.053	-11.053	0	%100
109	M225	Y	-11.053	-11.053	0	%100
110	M226	Y	-11.053	-11.053	0	%100
111	M227	Y	-11.053	-11.053	0	%100
112	M228	Y	-11.053	-11.053	0	%100
113	M229	Y	-11.053	-11.053	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Locationft...	End Locationft...
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M5	X	0	0	0	%100
6	M5	Z	0	0	0	%100
7	M18	X	0	0	0	%100
8	M18	Z	-8.872	-8.872	0	%100
9	M19	X	0	0	0	%100
10	M19	Z	-2.397	-2.397	0	%100
11	M20	X	0	0	0	%100
12	M20	Z	-2.397	-2.397	0	%100
13	M21	X	0	0	0	%100
14	M21	Z	-10.715	-10.715	0	%100
15	M22	X	0	0	0	%100
16	M22	Z	-8.872	-8.872	0	%100
17	M28	X	0	0	0	%100
18	M28	Z	-5.432	-5.432	0	%100
19	M29	X	0	0	0	%100
20	M29	Z	-5.432	-5.432	0	%100
21	M27A	X	0	0	0	%100
22	M27A	Z	-2.397	-2.397	0	%100
23	M28A	X	0	0	0	%100
24	M28A	Z	-2.397	-2.397	0	%100
25	M29A	X	0	0	0	%100
26	M29A	Z	-10.715	-10.715	0	%100
27	M44	X	0	0	0	%100
28	M44	Z	-3.327	-3.327	0	%100
29	M47	X	0	0	0	%100
30	M47	Z	-2.03	-2.03	0	%100
31	M48	X	0	0	0	%100
32	M48	Z	-2.03	-2.03	0	%100
33	M51	X	0	0	0	%100
34	M51	Z	-11.965	-11.965	0	%100
35	M52	X	0	0	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Locationft...	End Locationft...
36	M52	Z	-7.456	-7.456	0 %100
37	M55	X	0	0	0 %100
38	M55	Z	-18.355	-18.355	0 %100
39	M56	X	0	0	0 %100
40	M56	Z	-18.355	-18.355	0 %100
41	M69	X	0	0	0 %100
42	M69	Z	-2.218	-2.218	0 %100
43	M70	X	0	0	0 %100
44	M70	Z	-9.587	-9.587	0 %100
45	M71	X	0	0	0 %100
46	M71	Z	-2.397	-2.397	0 %100
47	M72	X	0	0	0 %100
48	M72	Z	-2.679	-2.679	0 %100
49	M73	X	0	0	0 %100
50	M73	Z	-2.218	-2.218	0 %100
51	M76	X	0	0	0 %100
52	M76	Z	-21.73	-21.73	0 %100
53	M77	X	0	0	0 %100
54	M77	Z	-5.432	-5.432	0 %100
55	M78	X	0	0	0 %100
56	M78	Z	-9.587	-9.587	0 %100
57	M79	X	0	0	0 %100
58	M79	Z	-2.397	-2.397	0 %100
59	M80	X	0	0	0 %100
60	M80	Z	-2.679	-2.679	0 %100
61	M95	X	0	0	0 %100
62	M95	Z	-25.193	-25.193	0 %100
63	M98	X	0	0	0 %100
64	M98	Z	-10.616	-10.616	0 %100
65	M99	X	0	0	0 %100
66	M99	Z	-10.616	-10.616	0 %100
67	M102	X	0	0	0 %100
68	M102	Z	-2.991	-2.991	0 %100
69	M103	X	0	0	0 %100
70	M103	Z	-7.456	-7.456	0 %100
71	M106	X	0	0	0 %100
72	M106	Z	-18.355	-18.355	0 %100
73	M107	X	0	0	0 %100
74	M107	Z	-18.355	-18.355	0 %100
75	M120	X	0	0	0 %100
76	M120	Z	-2.218	-2.218	0 %100
77	M121	X	0	0	0 %100
78	M121	Z	-2.397	-2.397	0 %100
79	M122	X	0	0	0 %100
80	M122	Z	-9.587	-9.587	0 %100
81	M123	X	0	0	0 %100
82	M123	Z	-2.679	-2.679	0 %100
83	M124	X	0	0	0 %100
84	M124	Z	-2.218	-2.218	0 %100
85	M127	X	0	0	0 %100
86	M127	Z	-5.432	-5.432	0 %100
87	M128	X	0	0	0 %100
88	M128	Z	-21.73	-21.73	0 %100
89	M129	X	0	0	0 %100
90	M129	Z	-2.397	-2.397	0 %100
91	M130	X	0	0	0 %100
92	M130	Z	-9.587	-9.587	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...End Location[ft...		
93	M131	X	0	0	%100	
94	M131	Z	-2.679	-2.679	0	%100
95	M146	X	0	0	0	%100
96	M146	Z	-25.193	-25.193	0	%100
97	M149	X	0	0	0	%100
98	M149	Z	-10.616	-10.616	0	%100
99	M150	X	0	0	0	%100
100	M150	Z	-10.616	-10.616	0	%100
101	M153	X	0	0	0	%100
102	M153	Z	-2.991	-2.991	0	%100
103	M148A	X	0	0	0	%100
104	M148A	Z	-25.066	-25.066	0	%100
105	M149A	X	0	0	0	%100
106	M149A	Z	-6.266	-6.266	0	%100
107	M150A	X	0	0	0	%100
108	M150A	Z	-6.266	-6.266	0	%100
109	M151A	X	0	0	0	%100
110	M151A	Z	-9.643	-9.643	0	%100
111	M152A	X	0	0	0	%100
112	M152A	Z	0	0	0	%100
113	M154	X	0	0	0	%100
114	M154	Z	-2.411	-2.411	0	%100
115	M157	X	0	0	0	%100
116	M157	Z	-2.411	-2.411	0	%100
117	M166	X	0	0	0	%100
118	M166	Z	-24.361	-24.361	0	%100
119	M162A	X	0	0	0	%100
120	M162A	Z	0	0	0	%100
121	M163A	X	0	0	0	%100
122	M163A	Z	-24.361	-24.361	0	%100
123	M164A	X	0	0	0	%100
124	M164A	Z	-18.271	-18.271	0	%100
125	M165A	X	0	0	0	%100
126	M165A	Z	-6.09	-6.09	0	%100
127	M166A	X	0	0	0	%100
128	M166A	Z	-18.271	-18.271	0	%100
129	M167	X	0	0	0	%100
130	M167	Z	-6.09	-6.09	0	%100
131	M168	X	0	0	0	%100
132	M168	Z	-18.271	-18.271	0	%100
133	M169	X	0	0	0	%100
134	M169	Z	-6.09	-6.09	0	%100
135	M170	X	0	0	0	%100
136	M170	Z	-18.271	-18.271	0	%100
137	M171	X	0	0	0	%100
138	M171	Z	-6.09	-6.09	0	%100
139	M172	X	0	0	0	%100
140	M172	Z	-8.938	-8.938	0	%100
141	M173	X	0	0	0	%100
142	M173	Z	-2.235	-2.235	0	%100
143	M174	X	0	0	0	%100
144	M174	Z	-2.235	-2.235	0	%100
145	M175	X	0	0	0	%100
146	M175	Z	-9.643	-9.643	0	%100
147	M176	X	0	0	0	%100
148	M176	Z	-2.411	-2.411	0	%100
149	M177	X	0	0	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Locationft...	End Locationft...
150	M177	Z	-2.411	-2.411	0 %100
151	MP4A	X	0	0	0 %100
152	MP4A	Z	-8.393	-8.393	0 %100
153	MP1A	X	0	0	0 %100
154	MP1A	Z	-8.393	-8.393	0 %100
155	MP3A	X	0	0	0 %100
156	MP3A	Z	-8.393	-8.393	0 %100
157	MP2A	X	0	0	0 %100
158	MP2A	Z	-8.393	-8.393	0 %100
159	MP4C	X	0	0	0 %100
160	MP4C	Z	-8.393	-8.393	0 %100
161	MP1C	X	0	0	0 %100
162	MP1C	Z	-8.393	-8.393	0 %100
163	MP3C	X	0	0	0 %100
164	MP3C	Z	-8.393	-8.393	0 %100
165	MP2C	X	0	0	0 %100
166	MP2C	Z	-8.393	-8.393	0 %100
167	MP4B	X	0	0	0 %100
168	MP4B	Z	-8.393	-8.393	0 %100
169	MP1B	X	0	0	0 %100
170	MP1B	Z	-8.393	-8.393	0 %100
171	MP3B	X	0	0	0 %100
172	MP3B	Z	-8.393	-8.393	0 %100
173	MP2B	X	0	0	0 %100
174	MP2B	Z	-8.393	-8.393	0 %100
175	M203	X	0	0	0 %100
176	M203	Z	-7.214	-7.214	0 %100
177	M205	X	0	0	0 %100
178	M205	Z	-7.214	-7.214	0 %100
179	M208	X	0	0	0 %100
180	M208	Z	0	0	0 %100
181	M209	X	0	0	0 %100
182	M209	Z	0	0	0 %100
183	M210	X	0	0	0 %100
184	M210	Z	0	0	0 %100
185	M211	X	0	0	0 %100
186	M211	Z	0	0	0 %100
187	M212	X	0	0	0 %100
188	M212	Z	-1.36	-1.36	0 %100
189	M213	X	0	0	0 %100
190	M213	Z	-1.36	-1.36	0 %100
191	M214	X	0	0	0 %100
192	M214	Z	-1.36	-1.36	0 %100
193	M215	X	0	0	0 %100
194	M215	Z	-1.36	-1.36	0 %100
195	M218	X	0	0	0 %100
196	M218	Z	-1.36	-1.36	0 %100
197	M219	X	0	0	0 %100
198	M219	Z	-1.36	-1.36	0 %100
199	M220	X	0	0	0 %100
200	M220	Z	-1.36	-1.36	0 %100
201	M221	X	0	0	0 %100
202	M221	Z	-1.36	-1.36	0 %100
203	M210B	X	0	0	0 %100
204	M210B	Z	-11.673	-11.673	0 %100
205	M215A	X	0	0	0 %100
206	M215A	Z	-2.918	-2.918	0 %100



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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...End Location[ft...
207	M220B	X	0	0	0 %100
208	M220B	Z	-2.918	-2.918	0 %100
209	M221B	X	0	0	0 %100
210	M221B	Z	-3.401	-3.401	0 %100
211	M222A	X	0	0	0 %100
212	M222A	Z	-3.401	-3.401	0 %100
213	M223A	X	0	0	0 %100
214	M223A	Z	-13.604	-13.604	0 %100
215	M224	X	0	0	0 %100
216	M224	Z	-13.555	-13.555	0 %100
217	M225	X	0	0	0 %100
218	M225	Z	-13.555	-13.555	0 %100
219	M226	X	0	0	0 %100
220	M226	Z	-12.22	-12.22	0 %100
221	M227	X	0	0	0 %100
222	M227	Z	-0.907	-0.907	0 %100
223	M228	X	0	0	0 %100
224	M228	Z	-0.907	-0.907	0 %100
225	M229	X	0	0	0 %100
226	M229	Z	-12.22	-12.22	0 %100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...End Location[ft...
1	M1	X	1.243	1.243	0 %100
2	M1	Z	-2.152	-2.152	0 %100
3	M4	X	3.059	3.059	0 %100
4	M4	Z	-5.299	-5.299	0 %100
5	M5	X	3.059	3.059	0 %100
6	M5	Z	-5.299	-5.299	0 %100
7	M18	X	3.327	3.327	0 %100
8	M18	Z	-5.763	-5.763	0 %100
9	M19	X	0	0	0 %100
10	M19	Z	0	0	0 %100
11	M20	X	3.595	3.595	0 %100
12	M20	Z	-6.227	-6.227	0 %100
13	M21	X	4.018	4.018	0 %100
14	M21	Z	-6.959	-6.959	0 %100
15	M22	X	3.327	3.327	0 %100
16	M22	Z	-5.763	-5.763	0 %100
17	M28	X	0	0	0 %100
18	M28	Z	0	0	0 %100
19	M29	X	8.149	8.149	0 %100
20	M29	Z	-14.114	-14.114	0 %100
21	M27A	X	0	0	0 %100
22	M27A	Z	0	0	0 %100
23	M28A	X	3.595	3.595	0 %100
24	M28A	Z	-6.227	-6.227	0 %100
25	M29A	X	4.018	4.018	0 %100
26	M29A	Z	-6.959	-6.959	0 %100
27	M44	X	5.308	5.308	0 %100
28	M44	Z	-9.194	-9.194	0 %100
29	M47	X	7.416	7.416	0 %100
30	M47	Z	-12.844	-12.844	0 %100
31	M48	X	7.416	7.416	0 %100
32	M48	Z	-12.844	-12.844	0 %100
33	M51	X	4.487	4.487	0 %100



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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Locationft...	End Locationft...
34	M51	Z	-7.771	-7.771	0	%100
35	M52	X	1.243	1.243	0	%100
36	M52	Z	-2.152	-2.152	0	%100
37	M55	X	3.059	3.059	0	%100
38	M55	Z	-5.299	-5.299	0	%100
39	M56	X	3.059	3.059	0	%100
40	M56	Z	-5.299	-5.299	0	%100
41	M69	X	3.327	3.327	0	%100
42	M69	Z	-5.763	-5.763	0	%100
43	M70	X	3.595	3.595	0	%100
44	M70	Z	-6.227	-6.227	0	%100
45	M71	X	0	0	0	%100
46	M71	Z	0	0	0	%100
47	M72	X	4.018	4.018	0	%100
48	M72	Z	-6.959	-6.959	0	%100
49	M73	X	3.327	3.327	0	%100
50	M73	Z	-5.763	-5.763	0	%100
51	M76	X	8.149	8.149	0	%100
52	M76	Z	-14.114	-14.114	0	%100
53	M77	X	0	0	0	%100
54	M77	Z	0	0	0	%100
55	M78	X	3.595	3.595	0	%100
56	M78	Z	-6.227	-6.227	0	%100
57	M79	X	0	0	0	%100
58	M79	Z	0	0	0	%100
59	M80	X	4.018	4.018	0	%100
60	M80	Z	-6.959	-6.959	0	%100
61	M95	X	5.308	5.308	0	%100
62	M95	Z	-9.194	-9.194	0	%100
63	M98	X	12.597	12.597	0	%100
64	M98	Z	-21.818	-21.818	0	%100
65	M99	X	12.597	12.597	0	%100
66	M99	Z	-21.818	-21.818	0	%100
67	M102	X	4.487	4.487	0	%100
68	M102	Z	-7.771	-7.771	0	%100
69	M103	X	4.97	4.97	0	%100
70	M103	Z	-8.609	-8.609	0	%100
71	M106	X	12.237	12.237	0	%100
72	M106	Z	-21.194	-21.194	0	%100
73	M107	X	12.237	12.237	0	%100
74	M107	Z	-21.194	-21.194	0	%100
75	M120	X	0	0	0	%100
76	M120	Z	0	0	0	%100
77	M121	X	3.595	3.595	0	%100
78	M121	Z	-6.227	-6.227	0	%100
79	M122	X	3.595	3.595	0	%100
80	M122	Z	-6.227	-6.227	0	%100
81	M123	X	0	0	0	%100
82	M123	Z	0	0	0	%100
83	M124	X	0	0	0	%100
84	M124	Z	0	0	0	%100
85	M127	X	8.149	8.149	0	%100
86	M127	Z	-14.114	-14.114	0	%100
87	M128	X	8.149	8.149	0	%100
88	M128	Z	-14.114	-14.114	0	%100
89	M129	X	3.595	3.595	0	%100
90	M129	Z	-6.227	-6.227	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...]	End Location[ft...]
91	M130	X	3.595	3.595	0	%100
92	M130	Z	-6.227	-6.227	0	%100
93	M131	X	0	0	0	%100
94	M131	Z	0	0	0	%100
95	M146	X	16.241	16.241	0	%100
96	M146	Z	-28.13	-28.13	0	%100
97	M149	X	1.664	1.664	0	%100
98	M149	Z	-2.881	-2.881	0	%100
99	M150	X	1.664	1.664	0	%100
100	M150	Z	-2.881	-2.881	0	%100
101	M153	X	0	0	0	%100
102	M153	Z	0	0	0	%100
103	M148A	X	9.4	9.4	0	%100
104	M148A	Z	-16.281	-16.281	0	%100
105	M149A	X	9.4	9.4	0	%100
106	M149A	Z	-16.281	-16.281	0	%100
107	M150A	X	0	0	0	%100
108	M150A	Z	0	0	0	%100
109	M151A	X	3.616	3.616	0	%100
110	M151A	Z	-6.263	-6.263	0	%100
111	M152A	X	3.045	3.045	0	%100
112	M152A	Z	-5.274	-5.274	0	%100
113	M154	X	3.616	3.616	0	%100
114	M154	Z	-6.263	-6.263	0	%100
115	M157	X	0	0	0	%100
116	M157	Z	0	0	0	%100
117	M166	X	9.136	9.136	0	%100
118	M166	Z	-15.823	-15.823	0	%100
119	M162A	X	3.045	3.045	0	%100
120	M162A	Z	-5.274	-5.274	0	%100
121	M163A	X	9.136	9.136	0	%100
122	M163A	Z	-15.823	-15.823	0	%100
123	M164A	X	3.045	3.045	0	%100
124	M164A	Z	-5.274	-5.274	0	%100
125	M165A	X	9.136	9.136	0	%100
126	M165A	Z	-15.823	-15.823	0	%100
127	M166A	X	3.045	3.045	0	%100
128	M166A	Z	-5.275	-5.275	0	%100
129	M167	X	9.136	9.136	0	%100
130	M167	Z	-15.823	-15.823	0	%100
131	M168	X	12.181	12.181	0	%100
132	M168	Z	-21.098	-21.098	0	%100
133	M169	X	0	0	0	%100
134	M169	Z	0	0	0	%100
135	M170	X	12.181	12.181	0	%100
136	M170	Z	-21.098	-21.098	0	%100
137	M171	X	0	0	0	%100
138	M171	Z	0	0	0	%100
139	M172	X	3.352	3.352	0	%100
140	M172	Z	-5.806	-5.806	0	%100
141	M173	X	3.352	3.352	0	%100
142	M173	Z	-5.806	-5.806	0	%100
143	M174	X	0	0	0	%100
144	M174	Z	0	0	0	%100
145	M175	X	3.616	3.616	0	%100
146	M175	Z	-6.263	-6.263	0	%100
147	M176	X	3.616	3.616	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Locationft...	End Locationft...
148	M176	Z	-6.263	-6.263	0 %100
149	M177	X	0	0	0 %100
150	M177	Z	0	0	0 %100
151	MP4A	X	4.353	4.353	0 %100
152	MP4A	Z	-7.539	-7.539	0 %100
153	MP1A	X	4.353	4.353	0 %100
154	MP1A	Z	-7.539	-7.539	0 %100
155	MP3A	X	4.353	4.353	0 %100
156	MP3A	Z	-7.539	-7.539	0 %100
157	MP2A	X	4.353	4.353	0 %100
158	MP2A	Z	-7.539	-7.539	0 %100
159	MP4C	X	4.353	4.353	0 %100
160	MP4C	Z	-7.539	-7.539	0 %100
161	MP1C	X	4.353	4.353	0 %100
162	MP1C	Z	-7.539	-7.539	0 %100
163	MP3C	X	4.353	4.353	0 %100
164	MP3C	Z	-7.539	-7.539	0 %100
165	MP2C	X	4.353	4.353	0 %100
166	MP2C	Z	-7.539	-7.539	0 %100
167	MP4B	X	4.353	4.353	0 %100
168	MP4B	Z	-7.539	-7.539	0 %100
169	MP1B	X	4.353	4.353	0 %100
170	MP1B	Z	-7.539	-7.539	0 %100
171	MP3B	X	4.353	4.353	0 %100
172	MP3B	Z	-7.539	-7.539	0 %100
173	MP2B	X	4.353	4.353	0 %100
174	MP2B	Z	-7.539	-7.539	0 %100
175	M203	X	3.691	3.691	0 %100
176	M203	Z	-6.393	-6.393	0 %100
177	M205	X	3.691	3.691	0 %100
178	M205	Z	-6.393	-6.393	0 %100
179	M208	X	.227	.227	0 %100
180	M208	Z	-.393	-.393	0 %100
181	M209	X	.227	.227	0 %100
182	M209	Z	-.393	-.393	0 %100
183	M210	X	.227	.227	0 %100
184	M210	Z	-.393	-.393	0 %100
185	M211	X	.227	.227	0 %100
186	M211	Z	-.393	-.393	0 %100
187	M212	X	.227	.227	0 %100
188	M212	Z	-.393	-.393	0 %100
189	M213	X	.227	.227	0 %100
190	M213	Z	-.393	-.393	0 %100
191	M214	X	.227	.227	0 %100
192	M214	Z	-.393	-.393	0 %100
193	M215	X	.227	.227	0 %100
194	M215	Z	-.393	-.393	0 %100
195	M218	X	.907	.907	0 %100
196	M218	Z	-1.571	-1.571	0 %100
197	M219	X	.907	.907	0 %100
198	M219	Z	-1.571	-1.571	0 %100
199	M220	X	.907	.907	0 %100
200	M220	Z	-1.571	-1.571	0 %100
201	M221	X	.907	.907	0 %100
202	M221	Z	-1.571	-1.571	0 %100
203	M210B	X	4.377	4.377	0 %100
204	M210B	Z	-7.582	-7.582	0 %100



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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...]	End Location[ft...]
205	M215A	X	4.377	4.377	0	%100
206	M215A	Z	-7.582	-7.582	0	%100
207	M220B	X	0	0	0	%100
208	M220B	Z	0	0	0	%100
209	M221B	X	5.101	5.101	0	%100
210	M221B	Z	-8.836	-8.836	0	%100
211	M222A	X	0	0	0	%100
212	M222A	Z	0	0	0	%100
213	M223A	X	5.101	5.101	0	%100
214	M223A	Z	-8.836	-8.836	0	%100
215	M224	X	2.784	2.784	0	%100
216	M224	Z	-4.822	-4.822	0	%100
217	M225	X	8.44	8.44	0	%100
218	M225	Z	-14.619	-14.619	0	%100
219	M226	X	8.44	8.44	0	%100
220	M226	Z	-14.619	-14.619	0	%100
221	M227	X	2.784	2.784	0	%100
222	M227	Z	-4.822	-4.822	0	%100
223	M228	X	2.117	2.117	0	%100
224	M228	Z	-3.666	-3.666	0	%100
225	M229	X	2.117	2.117	0	%100
226	M229	Z	-3.666	-3.666	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...]	End Location[ft...]
1	M1	X	6.457	6.457	0	%100
2	M1	Z	-3.728	-3.728	0	%100
3	M4	X	15.896	15.896	0	%100
4	M4	Z	-9.177	-9.177	0	%100
5	M5	X	15.896	15.896	0	%100
6	M5	Z	-9.177	-9.177	0	%100
7	M18	X	1.921	1.921	0	%100
8	M18	Z	-1.109	-1.109	0	%100
9	M19	X	2.076	2.076	0	%100
10	M19	Z	-1.198	-1.198	0	%100
11	M20	X	8.302	8.302	0	%100
12	M20	Z	-4.793	-4.793	0	%100
13	M21	X	2.32	2.32	0	%100
14	M21	Z	-1.339	-1.339	0	%100
15	M22	X	1.921	1.921	0	%100
16	M22	Z	-1.109	-1.109	0	%100
17	M28	X	4.705	4.705	0	%100
18	M28	Z	-2.716	-2.716	0	%100
19	M29	X	18.819	18.819	0	%100
20	M29	Z	-10.865	-10.865	0	%100
21	M27A	X	2.076	2.076	0	%100
22	M27A	Z	-1.198	-1.198	0	%100
23	M28A	X	8.302	8.302	0	%100
24	M28A	Z	-4.793	-4.793	0	%100
25	M29A	X	2.32	2.32	0	%100
26	M29A	Z	-1.339	-1.339	0	%100
27	M44	X	21.818	21.818	0	%100
28	M44	Z	-12.597	-12.597	0	%100
29	M47	X	35.016	35.016	0	%100
30	M47	Z	-20.217	-20.217	0	%100
31	M48	X	35.016	35.016	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Locationft...	End Locationft...
32	M48	Z	-20.217	-20.217	0 %100
33	M51	X	2.59	2.59	0 %100
34	M51	Z	-1.496	-1.496	0 %100
35	M52	X	0	0	0 %100
36	M52	Z	0	0	0 %100
37	M55	X	0	0	0 %100
38	M55	Z	0	0	0 %100
39	M56	X	0	0	0 %100
40	M56	Z	0	0	0 %100
41	M69	X	7.684	7.684	0 %100
42	M69	Z	-4.436	-4.436	0 %100
43	M70	X	2.076	2.076	0 %100
44	M70	Z	-1.198	-1.198	0 %100
45	M71	X	2.076	2.076	0 %100
46	M71	Z	-1.198	-1.198	0 %100
47	M72	X	9.279	9.279	0 %100
48	M72	Z	-5.357	-5.357	0 %100
49	M73	X	7.684	7.684	0 %100
50	M73	Z	-4.436	-4.436	0 %100
51	M76	X	4.705	4.705	0 %100
52	M76	Z	-2.716	-2.716	0 %100
53	M77	X	4.705	4.705	0 %100
54	M77	Z	-2.716	-2.716	0 %100
55	M78	X	2.076	2.076	0 %100
56	M78	Z	-1.198	-1.198	0 %100
57	M79	X	2.076	2.076	0 %100
58	M79	Z	-1.198	-1.198	0 %100
59	M80	X	9.279	9.279	0 %100
60	M80	Z	-5.357	-5.357	0 %100
61	M95	X	2.881	2.881	0 %100
62	M95	Z	-1.664	-1.664	0 %100
63	M98	X	28.13	28.13	0 %100
64	M98	Z	-16.241	-16.241	0 %100
65	M99	X	28.13	28.13	0 %100
66	M99	Z	-16.241	-16.241	0 %100
67	M102	X	10.362	10.362	0 %100
68	M102	Z	-5.982	-5.982	0 %100
69	M103	X	6.457	6.457	0 %100
70	M103	Z	-3.728	-3.728	0 %100
71	M106	X	15.896	15.896	0 %100
72	M106	Z	-9.177	-9.177	0 %100
73	M107	X	15.896	15.896	0 %100
74	M107	Z	-9.177	-9.177	0 %100
75	M120	X	1.921	1.921	0 %100
76	M120	Z	-1.109	-1.109	0 %100
77	M121	X	8.302	8.302	0 %100
78	M121	Z	-4.793	-4.793	0 %100
79	M122	X	2.076	2.076	0 %100
80	M122	Z	-1.198	-1.198	0 %100
81	M123	X	2.32	2.32	0 %100
82	M123	Z	-1.339	-1.339	0 %100
83	M124	X	1.921	1.921	0 %100
84	M124	Z	-1.109	-1.109	0 %100
85	M127	X	18.819	18.819	0 %100
86	M127	Z	-10.865	-10.865	0 %100
87	M128	X	4.705	4.705	0 %100
88	M128	Z	-2.716	-2.716	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...]	End Location[ft...]
89	M129	X	8.302	8.302	0 %100
90	M129	Z	-4.793	-4.793	0 %100
91	M130	X	2.076	2.076	0 %100
92	M130	Z	-1.198	-1.198	0 %100
93	M131	X	2.32	2.32	0 %100
94	M131	Z	-1.339	-1.339	0 %100
95	M146	X	21.818	21.818	0 %100
96	M146	Z	-12.597	-12.597	0 %100
97	M149	X	9.194	9.194	0 %100
98	M149	Z	-5.308	-5.308	0 %100
99	M150	X	9.194	9.194	0 %100
100	M150	Z	-5.308	-5.308	0 %100
101	M153	X	2.59	2.59	0 %100
102	M153	Z	-1.496	-1.496	0 %100
103	M148A	X	5.427	5.427	0 %100
104	M148A	Z	-3.133	-3.133	0 %100
105	M149A	X	21.708	21.708	0 %100
106	M149A	Z	-12.533	-12.533	0 %100
107	M150A	X	5.427	5.427	0 %100
108	M150A	Z	-3.133	-3.133	0 %100
109	M151A	X	2.088	2.088	0 %100
110	M151A	Z	-1.205	-1.205	0 %100
111	M152A	X	15.823	15.823	0 %100
112	M152A	Z	-9.136	-9.136	0 %100
113	M154	X	8.351	8.351	0 %100
114	M154	Z	-4.822	-4.822	0 %100
115	M157	X	2.088	2.088	0 %100
116	M157	Z	-1.205	-1.205	0 %100
117	M166	X	5.274	5.274	0 %100
118	M166	Z	-3.045	-3.045	0 %100
119	M162A	X	15.823	15.823	0 %100
120	M162A	Z	-9.136	-9.136	0 %100
121	M163A	X	5.274	5.274	0 %100
122	M163A	Z	-3.045	-3.045	0 %100
123	M164A	X	0	0	0 %100
124	M164A	Z	0	0	0 %100
125	M165A	X	21.098	21.098	0 %100
126	M165A	Z	-12.181	-12.181	0 %100
127	M166A	X	0	0	0 %100
128	M166A	Z	0	0	0 %100
129	M167	X	21.098	21.098	0 %100
130	M167	Z	-12.181	-12.181	0 %100
131	M168	X	15.823	15.823	0 %100
132	M168	Z	-9.136	-9.136	0 %100
133	M169	X	5.274	5.274	0 %100
134	M169	Z	-3.045	-3.045	0 %100
135	M170	X	15.823	15.823	0 %100
136	M170	Z	-9.136	-9.136	0 %100
137	M171	X	5.274	5.274	0 %100
138	M171	Z	-3.045	-3.045	0 %100
139	M172	X	1.935	1.935	0 %100
140	M172	Z	-1.117	-1.117	0 %100
141	M173	X	7.741	7.741	0 %100
142	M173	Z	-4.469	-4.469	0 %100
143	M174	X	1.935	1.935	0 %100
144	M174	Z	-1.117	-1.117	0 %100
145	M175	X	2.088	2.088	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Locationft...	End Locationft...
146	M175	Z	-1.205	-1.205	0 %100
147	M176	X	8.351	8.351	0 %100
148	M176	Z	-4.822	-4.822	0 %100
149	M177	X	2.088	2.088	0 %100
150	M177	Z	-1.205	-1.205	0 %100
151	MP4A	X	8.08	8.08	0 %100
152	MP4A	Z	-4.665	-4.665	0 %100
153	MP1A	X	8.08	8.08	0 %100
154	MP1A	Z	-4.665	-4.665	0 %100
155	MP3A	X	8.08	8.08	0 %100
156	MP3A	Z	-4.665	-4.665	0 %100
157	MP2A	X	8.08	8.08	0 %100
158	MP2A	Z	-4.665	-4.665	0 %100
159	MP4C	X	8.08	8.08	0 %100
160	MP4C	Z	-4.665	-4.665	0 %100
161	MP1C	X	8.08	8.08	0 %100
162	MP1C	Z	-4.665	-4.665	0 %100
163	MP3C	X	8.08	8.08	0 %100
164	MP3C	Z	-4.665	-4.665	0 %100
165	MP2C	X	8.08	8.08	0 %100
166	MP2C	Z	-4.665	-4.665	0 %100
167	MP4B	X	8.08	8.08	0 %100
168	MP4B	Z	-4.665	-4.665	0 %100
169	MP1B	X	8.08	8.08	0 %100
170	MP1B	Z	-4.665	-4.665	0 %100
171	MP3B	X	8.08	8.08	0 %100
172	MP3B	Z	-4.665	-4.665	0 %100
173	MP2B	X	8.08	8.08	0 %100
174	MP2B	Z	-4.665	-4.665	0 %100
175	M203	X	6.684	6.684	0 %100
176	M203	Z	-3.859	-3.859	0 %100
177	M205	X	6.684	6.684	0 %100
178	M205	Z	-3.859	-3.859	0 %100
179	M208	X	1.178	1.178	0 %100
180	M208	Z	-.68	-.68	0 %100
181	M209	X	1.178	1.178	0 %100
182	M209	Z	-.68	-.68	0 %100
183	M210	X	1.178	1.178	0 %100
184	M210	Z	-.68	-.68	0 %100
185	M211	X	1.178	1.178	0 %100
186	M211	Z	-.68	-.68	0 %100
187	M212	X	0	0	0 %100
188	M212	Z	0	0	0 %100
189	M213	X	0	0	0 %100
190	M213	Z	0	0	0 %100
191	M214	X	0	0	0 %100
192	M214	Z	0	0	0 %100
193	M215	X	0	0	0 %100
194	M215	Z	0	0	0 %100
195	M218	X	1.178	1.178	0 %100
196	M218	Z	-.68	-.68	0 %100
197	M219	X	1.178	1.178	0 %100
198	M219	Z	-.68	-.68	0 %100
199	M220	X	1.178	1.178	0 %100
200	M220	Z	-.68	-.68	0 %100
201	M221	X	1.178	1.178	0 %100
202	M221	Z	-.68	-.68	0 %100



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

	Member Label	Direction	Start Magnitude[lb/ft.F,ksf]	End Magnitude[lb/ft.F,ksf]	Start Location[ft...]	End Location[ft...]
203	M210B	X	2.527	2.527	0	%100
204	M210B	Z	-1.459	-1.459	0	%100
205	M215A	X	10.109	10.109	0	%100
206	M215A	Z	-5.837	-5.837	0	%100
207	M220B	X	2.527	2.527	0	%100
208	M220B	Z	-1.459	-1.459	0	%100
209	M221B	X	11.781	11.781	0	%100
210	M221B	Z	-6.802	-6.802	0	%100
211	M222A	X	2.945	2.945	0	%100
212	M222A	Z	-1.7	-1.7	0	%100
213	M223A	X	2.945	2.945	0	%100
214	M223A	Z	-1.7	-1.7	0	%100
215	M224	X	.786	.786	0	%100
216	M224	Z	-.454	-.454	0	%100
217	M225	X	10.583	10.583	0	%100
218	M225	Z	-6.11	-6.11	0	%100
219	M226	X	11.739	11.739	0	%100
220	M226	Z	-6.777	-6.777	0	%100
221	M227	X	11.739	11.739	0	%100
222	M227	Z	-6.777	-6.777	0	%100
223	M228	X	10.583	10.583	0	%100
224	M228	Z	-6.11	-6.11	0	%100
225	M229	X	.786	.786	0	%100
226	M229	Z	-.454	-.454	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft.F,ksf]	End Magnitude[lb/ft.F,ksf]	Start Location[ft...]	End Location[ft...]
1	M1	X	9.941	9.941	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	24.473	24.473	0	%100
4	M4	Z	0	0	0	%100
5	M5	X	24.473	24.473	0	%100
6	M5	Z	0	0	0	%100
7	M18	X	0	0	0	%100
8	M18	Z	0	0	0	%100
9	M19	X	7.19	7.19	0	%100
10	M19	Z	0	0	0	%100
11	M20	X	7.19	7.19	0	%100
12	M20	Z	0	0	0	%100
13	M21	X	0	0	0	%100
14	M21	Z	0	0	0	%100
15	M22	X	0	0	0	%100
16	M22	Z	0	0	0	%100
17	M28	X	16.297	16.297	0	%100
18	M28	Z	0	0	0	%100
19	M29	X	16.297	16.297	0	%100
20	M29	Z	0	0	0	%100
21	M27A	X	7.19	7.19	0	%100
22	M27A	Z	0	0	0	%100
23	M28A	X	7.19	7.19	0	%100
24	M28A	Z	0	0	0	%100
25	M29A	X	0	0	0	%100
26	M29A	Z	0	0	0	%100
27	M44	X	32.482	32.482	0	%100
28	M44	Z	0	0	0	%100
29	M47	X	53.234	53.234	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Locationft...	End Locationft...
30	M47	Z	0	0	%100
31	M48	X	53.234	53.234	%100
32	M48	Z	0	0	%100
33	M51	X	0	0	%100
34	M51	Z	0	0	%100
35	M52	X	2.485	2.485	%100
36	M52	Z	0	0	%100
37	M55	X	6.118	6.118	%100
38	M55	Z	0	0	%100
39	M56	X	6.118	6.118	%100
40	M56	Z	0	0	%100
41	M69	X	6.654	6.654	%100
42	M69	Z	0	0	%100
43	M70	X	0	0	%100
44	M70	Z	0	0	%100
45	M71	X	7.19	7.19	%100
46	M71	Z	0	0	%100
47	M72	X	8.036	8.036	%100
48	M72	Z	0	0	%100
49	M73	X	6.654	6.654	%100
50	M73	Z	0	0	%100
51	M76	X	0	0	%100
52	M76	Z	0	0	%100
53	M77	X	16.297	16.297	%100
54	M77	Z	0	0	%100
55	M78	X	0	0	%100
56	M78	Z	0	0	%100
57	M79	X	7.19	7.19	%100
58	M79	Z	0	0	%100
59	M80	X	8.036	8.036	%100
60	M80	Z	0	0	%100
61	M95	X	10.616	10.616	%100
62	M95	Z	0	0	%100
63	M98	X	25.193	25.193	%100
64	M98	Z	0	0	%100
65	M99	X	25.193	25.193	%100
66	M99	Z	0	0	%100
67	M102	X	8.973	8.973	%100
68	M102	Z	0	0	%100
69	M103	X	2.485	2.485	%100
70	M103	Z	0	0	%100
71	M106	X	6.118	6.118	%100
72	M106	Z	0	0	%100
73	M107	X	6.118	6.118	%100
74	M107	Z	0	0	%100
75	M120	X	6.654	6.654	%100
76	M120	Z	0	0	%100
77	M121	X	7.19	7.19	%100
78	M121	Z	0	0	%100
79	M122	X	0	0	%100
80	M122	Z	0	0	%100
81	M123	X	8.036	8.036	%100
82	M123	Z	0	0	%100
83	M124	X	6.654	6.654	%100
84	M124	Z	0	0	%100
85	M127	X	16.297	16.297	%100
86	M127	Z	0	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...]	End Location[ft...]	
87	M128	X	0	0	%100	
88	M128	Z	0	0	%100	
89	M129	X	7.19	7.19	0	%100
90	M129	Z	0	0	%100	
91	M130	X	0	0	%100	
92	M130	Z	0	0	%100	
93	M131	X	8.036	8.036	0	%100
94	M131	Z	0	0	%100	
95	M146	X	10.616	10.616	0	%100
96	M146	Z	0	0	%100	
97	M149	X	25.193	25.193	0	%100
98	M149	Z	0	0	%100	
99	M150	X	25.193	25.193	0	%100
100	M150	Z	0	0	%100	
101	M153	X	8.973	8.973	0	%100
102	M153	Z	0	0	%100	
103	M148A	X	0	0	%100	
104	M148A	Z	0	0	%100	
105	M149A	X	18.799	18.799	0	%100
106	M149A	Z	0	0	%100	
107	M150A	X	18.799	18.799	0	%100
108	M150A	Z	0	0	%100	
109	M151A	X	0	0	%100	
110	M151A	Z	0	0	%100	
111	M152A	X	24.361	24.361	0	%100
112	M152A	Z	0	0	%100	
113	M154	X	7.232	7.232	0	%100
114	M154	Z	0	0	%100	
115	M157	X	7.232	7.232	0	%100
116	M157	Z	0	0	%100	
117	M166	X	0	0	%100	
118	M166	Z	0	0	%100	
119	M162A	X	24.361	24.361	0	%100
120	M162A	Z	0	0	%100	
121	M163A	X	0	0	%100	
122	M163A	Z	0	0	%100	
123	M164A	X	6.09	6.09	0	%100
124	M164A	Z	0	0	%100	
125	M165A	X	18.271	18.271	0	%100
126	M165A	Z	0	0	%100	
127	M166A	X	6.09	6.09	0	%100
128	M166A	Z	0	0	%100	
129	M167	X	18.271	18.271	0	%100
130	M167	Z	0	0	%100	
131	M168	X	6.09	6.09	0	%100
132	M168	Z	0	0	%100	
133	M169	X	18.271	18.271	0	%100
134	M169	Z	0	0	%100	
135	M170	X	6.091	6.091	0	%100
136	M170	Z	0	0	%100	
137	M171	X	18.271	18.271	0	%100
138	M171	Z	0	0	%100	
139	M172	X	0	0	%100	
140	M172	Z	0	0	%100	
141	M173	X	6.704	6.704	0	%100
142	M173	Z	0	0	%100	
143	M174	X	6.704	6.704	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Locationft...	End Locationft...
144	M174	Z	0	0	%100
145	M175	X	0	0	%100
146	M175	Z	0	0	%100
147	M176	X	7.232	7.232	0
148	M176	Z	0	0	%100
149	M177	X	7.232	7.232	0
150	M177	Z	0	0	%100
151	MP4A	X	9.643	9.643	0
152	MP4A	Z	0	0	%100
153	MP1A	X	9.643	9.643	0
154	MP1A	Z	0	0	%100
155	MP3A	X	9.643	9.643	0
156	MP3A	Z	0	0	%100
157	MP2A	X	9.643	9.643	0
158	MP2A	Z	0	0	%100
159	MP4C	X	9.643	9.643	0
160	MP4C	Z	0	0	%100
161	MP1C	X	9.643	9.643	0
162	MP1C	Z	0	0	%100
163	MP3C	X	9.643	9.643	0
164	MP3C	Z	0	0	%100
165	MP2C	X	9.643	9.643	0
166	MP2C	Z	0	0	%100
167	MP4B	X	9.643	9.643	0
168	MP4B	Z	0	0	%100
169	MP1B	X	9.643	9.643	0
170	MP1B	Z	0	0	%100
171	MP3B	X	9.643	9.643	0
172	MP3B	Z	0	0	%100
173	MP2B	X	9.643	9.643	0
174	MP2B	Z	0	0	%100
175	M203	X	7.886	7.886	0
176	M203	Z	0	0	%100
177	M205	X	7.886	7.886	0
178	M205	Z	0	0	%100
179	M208	X	1.814	1.814	0
180	M208	Z	0	0	%100
181	M209	X	1.814	1.814	0
182	M209	Z	0	0	%100
183	M210	X	1.814	1.814	0
184	M210	Z	0	0	%100
185	M211	X	1.814	1.814	0
186	M211	Z	0	0	%100
187	M212	X	.453	.453	0
188	M212	Z	0	0	%100
189	M213	X	.453	.453	0
190	M213	Z	0	0	%100
191	M214	X	.453	.453	0
192	M214	Z	0	0	%100
193	M215	X	.453	.453	0
194	M215	Z	0	0	%100
195	M218	X	.453	.453	0
196	M218	Z	0	0	%100
197	M219	X	.453	.453	0
198	M219	Z	0	0	%100
199	M220	X	.453	.453	0
200	M220	Z	0	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft.F,ksf]	End Magnitude[lb/ft.F,ksf]	Start Location[ft...]	End Location[ft...]
201	M221	X	.453	.453	0	%100
202	M221	Z	0	0	0	%100
203	M210B	X	0	0	0	%100
204	M210B	Z	0	0	0	%100
205	M215A	X	8.755	8.755	0	%100
206	M215A	Z	0	0	0	%100
207	M220B	X	8.755	8.755	0	%100
208	M220B	Z	0	0	0	%100
209	M221B	X	10.203	10.203	0	%100
210	M221B	Z	0	0	0	%100
211	M222A	X	10.203	10.203	0	%100
212	M222A	Z	0	0	0	%100
213	M223A	X	0	0	0	%100
214	M223A	Z	0	0	0	%100
215	M224	X	4.233	4.233	0	%100
216	M224	Z	0	0	0	%100
217	M225	X	4.233	4.233	0	%100
218	M225	Z	0	0	0	%100
219	M226	X	5.568	5.568	0	%100
220	M226	Z	0	0	0	%100
221	M227	X	16.881	16.881	0	%100
222	M227	Z	0	0	0	%100
223	M228	X	16.881	16.881	0	%100
224	M228	Z	0	0	0	%100
225	M229	X	5.568	5.568	0	%100
226	M229	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft.F,ksf]	End Magnitude[lb/ft.F,ksf]	Start Location[ft...]	End Location[ft...]
1	M1	X	6.457	6.457	0	%100
2	M1	Z	3.728	3.728	0	%100
3	M4	X	15.896	15.896	0	%100
4	M4	Z	9.177	9.177	0	%100
5	M5	X	15.896	15.896	0	%100
6	M5	Z	9.177	9.177	0	%100
7	M18	X	1.921	1.921	0	%100
8	M18	Z	1.109	1.109	0	%100
9	M19	X	8.302	8.302	0	%100
10	M19	Z	4.793	4.793	0	%100
11	M20	X	2.076	2.076	0	%100
12	M20	Z	1.198	1.198	0	%100
13	M21	X	2.32	2.32	0	%100
14	M21	Z	1.339	1.339	0	%100
15	M22	X	1.921	1.921	0	%100
16	M22	Z	1.109	1.109	0	%100
17	M28	X	18.819	18.819	0	%100
18	M28	Z	10.865	10.865	0	%100
19	M29	X	4.705	4.705	0	%100
20	M29	Z	2.716	2.716	0	%100
21	M27A	X	8.302	8.302	0	%100
22	M27A	Z	4.793	4.793	0	%100
23	M28A	X	2.076	2.076	0	%100
24	M28A	Z	1.198	1.198	0	%100
25	M29A	X	2.32	2.32	0	%100
26	M29A	Z	1.339	1.339	0	%100
27	M44	X	21.818	21.818	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Locationft...	End Locationft...
28	M44	Z	12.597	12.597	0 %100
29	M47	X	35.016	35.016	0 %100
30	M47	Z	20.217	20.217	0 %100
31	M48	X	35.016	35.016	0 %100
32	M48	Z	20.217	20.217	0 %100
33	M51	X	2.59	2.59	0 %100
34	M51	Z	1.496	1.496	0 %100
35	M52	X	6.457	6.457	0 %100
36	M52	Z	3.728	3.728	0 %100
37	M55	X	15.896	15.896	0 %100
38	M55	Z	9.177	9.177	0 %100
39	M56	X	15.896	15.896	0 %100
40	M56	Z	9.177	9.177	0 %100
41	M69	X	1.921	1.921	0 %100
42	M69	Z	1.109	1.109	0 %100
43	M70	X	2.076	2.076	0 %100
44	M70	Z	1.198	1.198	0 %100
45	M71	X	8.302	8.302	0 %100
46	M71	Z	4.793	4.793	0 %100
47	M72	X	2.32	2.32	0 %100
48	M72	Z	1.339	1.339	0 %100
49	M73	X	1.921	1.921	0 %100
50	M73	Z	1.109	1.109	0 %100
51	M76	X	4.705	4.705	0 %100
52	M76	Z	2.716	2.716	0 %100
53	M77	X	18.819	18.819	0 %100
54	M77	Z	10.865	10.865	0 %100
55	M78	X	2.076	2.076	0 %100
56	M78	Z	1.198	1.198	0 %100
57	M79	X	8.302	8.302	0 %100
58	M79	Z	4.793	4.793	0 %100
59	M80	X	2.32	2.32	0 %100
60	M80	Z	1.339	1.339	0 %100
61	M95	X	21.818	21.818	0 %100
62	M95	Z	12.597	12.597	0 %100
63	M98	X	9.194	9.194	0 %100
64	M98	Z	5.308	5.308	0 %100
65	M99	X	9.194	9.194	0 %100
66	M99	Z	5.308	5.308	0 %100
67	M102	X	2.59	2.59	0 %100
68	M102	Z	1.496	1.496	0 %100
69	M103	X	0	0	0 %100
70	M103	Z	0	0	0 %100
71	M106	X	0	0	0 %100
72	M106	Z	0	0	0 %100
73	M107	X	0	0	0 %100
74	M107	Z	0	0	0 %100
75	M120	X	7.684	7.684	0 %100
76	M120	Z	4.436	4.436	0 %100
77	M121	X	2.076	2.076	0 %100
78	M121	Z	1.198	1.198	0 %100
79	M122	X	2.076	2.076	0 %100
80	M122	Z	1.198	1.198	0 %100
81	M123	X	9.279	9.279	0 %100
82	M123	Z	5.357	5.357	0 %100
83	M124	X	7.684	7.684	0 %100
84	M124	Z	4.436	4.436	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...]	End Location[ft...]
85	M127	X	4.705	4.705	0 %100
86	M127	Z	2.716	2.716	0 %100
87	M128	X	4.705	4.705	0 %100
88	M128	Z	2.716	2.716	0 %100
89	M129	X	2.076	2.076	0 %100
90	M129	Z	1.198	1.198	0 %100
91	M130	X	2.076	2.076	0 %100
92	M130	Z	1.198	1.198	0 %100
93	M131	X	9.279	9.279	0 %100
94	M131	Z	5.357	5.357	0 %100
95	M146	X	2.881	2.881	0 %100
96	M146	Z	1.664	1.664	0 %100
97	M149	X	28.13	28.13	0 %100
98	M149	Z	16.241	16.241	0 %100
99	M150	X	28.13	28.13	0 %100
100	M150	Z	16.241	16.241	0 %100
101	M153	X	10.362	10.362	0 %100
102	M153	Z	5.982	5.982	0 %100
103	M148A	X	5.427	5.427	0 %100
104	M148A	Z	3.133	3.133	0 %100
105	M149A	X	5.427	5.427	0 %100
106	M149A	Z	3.133	3.133	0 %100
107	M150A	X	21.708	21.708	0 %100
108	M150A	Z	12.533	12.533	0 %100
109	M151A	X	2.088	2.088	0 %100
110	M151A	Z	1.205	1.205	0 %100
111	M152A	X	15.823	15.823	0 %100
112	M152A	Z	9.136	9.136	0 %100
113	M154	X	2.088	2.088	0 %100
114	M154	Z	1.205	1.205	0 %100
115	M157	X	8.351	8.351	0 %100
116	M157	Z	4.822	4.822	0 %100
117	M166	X	5.274	5.274	0 %100
118	M166	Z	3.045	3.045	0 %100
119	M162A	X	15.823	15.823	0 %100
120	M162A	Z	9.136	9.136	0 %100
121	M163A	X	5.274	5.274	0 %100
122	M163A	Z	3.045	3.045	0 %100
123	M164A	X	15.823	15.823	0 %100
124	M164A	Z	9.136	9.136	0 %100
125	M165A	X	5.274	5.274	0 %100
126	M165A	Z	3.045	3.045	0 %100
127	M166A	X	15.823	15.823	0 %100
128	M166A	Z	9.135	9.135	0 %100
129	M167	X	5.274	5.274	0 %100
130	M167	Z	3.045	3.045	0 %100
131	M168	X	0	0	0 %100
132	M168	Z	0	0	0 %100
133	M169	X	21.098	21.098	0 %100
134	M169	Z	12.181	12.181	0 %100
135	M170	X	0	0	0 %100
136	M170	Z	0	0	0 %100
137	M171	X	21.098	21.098	0 %100
138	M171	Z	12.181	12.181	0 %100
139	M172	X	1.935	1.935	0 %100
140	M172	Z	1.117	1.117	0 %100
141	M173	X	1.935	1.935	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Locationft...	End Locationft...
142	M173	Z	1.117	1.117	0 %100
143	M174	X	7.741	7.741	0 %100
144	M174	Z	4.469	4.469	0 %100
145	M175	X	2.088	2.088	0 %100
146	M175	Z	1.205	1.205	0 %100
147	M176	X	2.088	2.088	0 %100
148	M176	Z	1.205	1.205	0 %100
149	M177	X	8.351	8.351	0 %100
150	M177	Z	4.822	4.822	0 %100
151	MP4A	X	8.08	8.08	0 %100
152	MP4A	Z	4.665	4.665	0 %100
153	MP1A	X	8.08	8.08	0 %100
154	MP1A	Z	4.665	4.665	0 %100
155	MP3A	X	8.08	8.08	0 %100
156	MP3A	Z	4.665	4.665	0 %100
157	MP2A	X	8.08	8.08	0 %100
158	MP2A	Z	4.665	4.665	0 %100
159	MP4C	X	8.08	8.08	0 %100
160	MP4C	Z	4.665	4.665	0 %100
161	MP1C	X	8.08	8.08	0 %100
162	MP1C	Z	4.665	4.665	0 %100
163	MP3C	X	8.08	8.08	0 %100
164	MP3C	Z	4.665	4.665	0 %100
165	MP2C	X	8.08	8.08	0 %100
166	MP2C	Z	4.665	4.665	0 %100
167	MP4B	X	8.08	8.08	0 %100
168	MP4B	Z	4.665	4.665	0 %100
169	MP1B	X	8.08	8.08	0 %100
170	MP1B	Z	4.665	4.665	0 %100
171	MP3B	X	8.08	8.08	0 %100
172	MP3B	Z	4.665	4.665	0 %100
173	MP2B	X	8.08	8.08	0 %100
174	MP2B	Z	4.665	4.665	0 %100
175	M203	X	6.684	6.684	0 %100
176	M203	Z	3.859	3.859	0 %100
177	M205	X	6.684	6.684	0 %100
178	M205	Z	3.859	3.859	0 %100
179	M208	X	1.178	1.178	0 %100
180	M208	Z	.68	.68	0 %100
181	M209	X	1.178	1.178	0 %100
182	M209	Z	.68	.68	0 %100
183	M210	X	1.178	1.178	0 %100
184	M210	Z	.68	.68	0 %100
185	M211	X	1.178	1.178	0 %100
186	M211	Z	.68	.68	0 %100
187	M212	X	1.178	1.178	0 %100
188	M212	Z	.68	.68	0 %100
189	M213	X	1.178	1.178	0 %100
190	M213	Z	.68	.68	0 %100
191	M214	X	1.178	1.178	0 %100
192	M214	Z	.68	.68	0 %100
193	M215	X	1.178	1.178	0 %100
194	M215	Z	.68	.68	0 %100
195	M218	X	0	0	0 %100
196	M218	Z	0	0	0 %100
197	M219	X	0	0	0 %100
198	M219	Z	0	0	0 %100



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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...End Location[ft...
199	M220	X	0	0	0 %100
200	M220	Z	0	0	0 %100
201	M221	X	0	0	0 %100
202	M221	Z	0	0	0 %100
203	M210B	X	2.527	2.527	0 %100
204	M210B	Z	1.459	1.459	0 %100
205	M215A	X	2.527	2.527	0 %100
206	M215A	Z	1.459	1.459	0 %100
207	M220B	X	10.109	10.109	0 %100
208	M220B	Z	5.837	5.837	0 %100
209	M221B	X	2.945	2.945	0 %100
210	M221B	Z	1.7	1.7	0 %100
211	M222A	X	11.781	11.781	0 %100
212	M222A	Z	6.802	6.802	0 %100
213	M223A	X	2.945	2.945	0 %100
214	M223A	Z	1.7	1.7	0 %100
215	M224	X	10.583	10.583	0 %100
216	M224	Z	6.11	6.11	0 %100
217	M225	X	.786	.786	0 %100
218	M225	Z	.454	.454	0 %100
219	M226	X	.786	.786	0 %100
220	M226	Z	.454	.454	0 %100
221	M227	X	10.583	10.583	0 %100
222	M227	Z	6.11	6.11	0 %100
223	M228	X	11.739	11.739	0 %100
224	M228	Z	6.777	6.777	0 %100
225	M229	X	11.739	11.739	0 %100
226	M229	Z	6.777	6.777	0 %100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...End Location[ft...
1	M1	X	1.243	1.243	0 %100
2	M1	Z	2.152	2.152	0 %100
3	M4	X	3.059	3.059	0 %100
4	M4	Z	5.299	5.299	0 %100
5	M5	X	3.059	3.059	0 %100
6	M5	Z	5.299	5.299	0 %100
7	M18	X	3.327	3.327	0 %100
8	M18	Z	5.763	5.763	0 %100
9	M19	X	3.595	3.595	0 %100
10	M19	Z	6.227	6.227	0 %100
11	M20	X	0	0	0 %100
12	M20	Z	0	0	0 %100
13	M21	X	4.018	4.018	0 %100
14	M21	Z	6.959	6.959	0 %100
15	M22	X	3.327	3.327	0 %100
16	M22	Z	5.763	5.763	0 %100
17	M28	X	8.149	8.149	0 %100
18	M28	Z	14.114	14.114	0 %100
19	M29	X	0	0	0 %100
20	M29	Z	0	0	0 %100
21	M27A	X	3.595	3.595	0 %100
22	M27A	Z	6.227	6.227	0 %100
23	M28A	X	0	0	0 %100
24	M28A	Z	0	0	0 %100
25	M29A	X	4.018	4.018	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Locationft...	End Locationft...
26	M29A	Z	6.959	6.959	0 %100
27	M44	X	5.308	5.308	0 %100
28	M44	Z	9.194	9.194	0 %100
29	M47	X	7.416	7.416	0 %100
30	M47	Z	12.844	12.844	0 %100
31	M48	X	7.416	7.416	0 %100
32	M48	Z	12.844	12.844	0 %100
33	M51	X	4.487	4.487	0 %100
34	M51	Z	7.771	7.771	0 %100
35	M52	X	4.97	4.97	0 %100
36	M52	Z	8.609	8.609	0 %100
37	M55	X	12.237	12.237	0 %100
38	M55	Z	21.194	21.194	0 %100
39	M56	X	12.237	12.237	0 %100
40	M56	Z	21.194	21.194	0 %100
41	M69	X	0	0	0 %100
42	M69	Z	0	0	0 %100
43	M70	X	3.595	3.595	0 %100
44	M70	Z	6.227	6.227	0 %100
45	M71	X	3.595	3.595	0 %100
46	M71	Z	6.227	6.227	0 %100
47	M72	X	0	0	0 %100
48	M72	Z	0	0	0 %100
49	M73	X	0	0	0 %100
50	M73	Z	0	0	0 %100
51	M76	X	8.149	8.149	0 %100
52	M76	Z	14.114	14.114	0 %100
53	M77	X	8.149	8.149	0 %100
54	M77	Z	14.114	14.114	0 %100
55	M78	X	3.595	3.595	0 %100
56	M78	Z	6.227	6.227	0 %100
57	M79	X	3.595	3.595	0 %100
58	M79	Z	6.227	6.227	0 %100
59	M80	X	0	0	0 %100
60	M80	Z	0	0	0 %100
61	M95	X	16.241	16.241	0 %100
62	M95	Z	28.13	28.13	0 %100
63	M98	X	1.664	1.664	0 %100
64	M98	Z	2.881	2.881	0 %100
65	M99	X	1.664	1.664	0 %100
66	M99	Z	2.881	2.881	0 %100
67	M102	X	0	0	0 %100
68	M102	Z	0	0	0 %100
69	M103	X	1.243	1.243	0 %100
70	M103	Z	2.152	2.152	0 %100
71	M106	X	3.059	3.059	0 %100
72	M106	Z	5.299	5.299	0 %100
73	M107	X	3.059	3.059	0 %100
74	M107	Z	5.299	5.299	0 %100
75	M120	X	3.327	3.327	0 %100
76	M120	Z	5.763	5.763	0 %100
77	M121	X	0	0	0 %100
78	M121	Z	0	0	0 %100
79	M122	X	3.595	3.595	0 %100
80	M122	Z	6.227	6.227	0 %100
81	M123	X	4.018	4.018	0 %100
82	M123	Z	6.959	6.959	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...End Location[ft...		
83	M124	X	3.327	3.327	0	%100
84	M124	Z	5.763	5.763	0	%100
85	M127	X	0	0	0	%100
86	M127	Z	0	0	0	%100
87	M128	X	8.149	8.149	0	%100
88	M128	Z	14.114	14.114	0	%100
89	M129	X	0	0	0	%100
90	M129	Z	0	0	0	%100
91	M130	X	3.595	3.595	0	%100
92	M130	Z	6.227	6.227	0	%100
93	M131	X	4.018	4.018	0	%100
94	M131	Z	6.959	6.959	0	%100
95	M146	X	5.308	5.308	0	%100
96	M146	Z	9.194	9.194	0	%100
97	M149	X	12.597	12.597	0	%100
98	M149	Z	21.818	21.818	0	%100
99	M150	X	12.597	12.597	0	%100
100	M150	Z	21.818	21.818	0	%100
101	M153	X	4.487	4.487	0	%100
102	M153	Z	7.771	7.771	0	%100
103	M148A	X	9.4	9.4	0	%100
104	M148A	Z	16.281	16.281	0	%100
105	M149A	X	0	0	0	%100
106	M149A	Z	0	0	0	%100
107	M150A	X	9.4	9.4	0	%100
108	M150A	Z	16.281	16.281	0	%100
109	M151A	X	3.616	3.616	0	%100
110	M151A	Z	6.263	6.263	0	%100
111	M152A	X	3.045	3.045	0	%100
112	M152A	Z	5.274	5.274	0	%100
113	M154	X	0	0	0	%100
114	M154	Z	0	0	0	%100
115	M157	X	3.616	3.616	0	%100
116	M157	Z	6.263	6.263	0	%100
117	M166	X	9.136	9.136	0	%100
118	M166	Z	15.823	15.823	0	%100
119	M162A	X	3.045	3.045	0	%100
120	M162A	Z	5.274	5.274	0	%100
121	M163A	X	9.136	9.136	0	%100
122	M163A	Z	15.823	15.823	0	%100
123	M164A	X	12.181	12.181	0	%100
124	M164A	Z	21.098	21.098	0	%100
125	M165A	X	0	0	0	%100
126	M165A	Z	0	0	0	%100
127	M166A	X	12.181	12.181	0	%100
128	M166A	Z	21.098	21.098	0	%100
129	M167	X	0	0	0	%100
130	M167	Z	0	0	0	%100
131	M168	X	3.045	3.045	0	%100
132	M168	Z	5.274	5.274	0	%100
133	M169	X	9.136	9.136	0	%100
134	M169	Z	15.823	15.823	0	%100
135	M170	X	3.045	3.045	0	%100
136	M170	Z	5.274	5.274	0	%100
137	M171	X	9.136	9.136	0	%100
138	M171	Z	15.823	15.823	0	%100
139	M172	X	3.352	3.352	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Locationft...	End Locationft...
140	M172	Z	5.806	5.806	0 %100
141	M173	X	0	0	0 %100
142	M173	Z	0	0	0 %100
143	M174	X	3.352	3.352	0 %100
144	M174	Z	5.806	5.806	0 %100
145	M175	X	3.616	3.616	0 %100
146	M175	Z	6.263	6.263	0 %100
147	M176	X	0	0	0 %100
148	M176	Z	0	0	0 %100
149	M177	X	3.616	3.616	0 %100
150	M177	Z	6.263	6.263	0 %100
151	MP4A	X	4.353	4.353	0 %100
152	MP4A	Z	7.539	7.539	0 %100
153	MP1A	X	4.353	4.353	0 %100
154	MP1A	Z	7.539	7.539	0 %100
155	MP3A	X	4.353	4.353	0 %100
156	MP3A	Z	7.539	7.539	0 %100
157	MP2A	X	4.353	4.353	0 %100
158	MP2A	Z	7.539	7.539	0 %100
159	MP4C	X	4.353	4.353	0 %100
160	MP4C	Z	7.539	7.539	0 %100
161	MP1C	X	4.353	4.353	0 %100
162	MP1C	Z	7.539	7.539	0 %100
163	MP3C	X	4.353	4.353	0 %100
164	MP3C	Z	7.539	7.539	0 %100
165	MP2C	X	4.353	4.353	0 %100
166	MP2C	Z	7.539	7.539	0 %100
167	MP4B	X	4.353	4.353	0 %100
168	MP4B	Z	7.539	7.539	0 %100
169	MP1B	X	4.353	4.353	0 %100
170	MP1B	Z	7.539	7.539	0 %100
171	MP3B	X	4.353	4.353	0 %100
172	MP3B	Z	7.539	7.539	0 %100
173	MP2B	X	4.353	4.353	0 %100
174	MP2B	Z	7.539	7.539	0 %100
175	M203	X	3.691	3.691	0 %100
176	M203	Z	6.393	6.393	0 %100
177	M205	X	3.691	3.691	0 %100
178	M205	Z	6.393	6.393	0 %100
179	M208	X	.227	.227	0 %100
180	M208	Z	.393	.393	0 %100
181	M209	X	.227	.227	0 %100
182	M209	Z	.393	.393	0 %100
183	M210	X	.227	.227	0 %100
184	M210	Z	.393	.393	0 %100
185	M211	X	.227	.227	0 %100
186	M211	Z	.393	.393	0 %100
187	M212	X	.907	.907	0 %100
188	M212	Z	1.571	1.571	0 %100
189	M213	X	.907	.907	0 %100
190	M213	Z	1.571	1.571	0 %100
191	M214	X	.907	.907	0 %100
192	M214	Z	1.571	1.571	0 %100
193	M215	X	.907	.907	0 %100
194	M215	Z	1.571	1.571	0 %100
195	M218	X	.227	.227	0 %100
196	M218	Z	.393	.393	0 %100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...]	End Location[ft...]
197	M219	X	.227	.227	0	%100
198	M219	Z	.393	.393	0	%100
199	M220	X	.227	.227	0	%100
200	M220	Z	.393	.393	0	%100
201	M221	X	.227	.227	0	%100
202	M221	Z	.393	.393	0	%100
203	M210B	X	4.377	4.377	0	%100
204	M210B	Z	7.582	7.582	0	%100
205	M215A	X	0	0	0	%100
206	M215A	Z	0	0	0	%100
207	M220B	X	4.377	4.377	0	%100
208	M220B	Z	7.582	7.582	0	%100
209	M221B	X	0	0	0	%100
210	M221B	Z	0	0	0	%100
211	M222A	X	5.101	5.101	0	%100
212	M222A	Z	8.836	8.836	0	%100
213	M223A	X	5.101	5.101	0	%100
214	M223A	Z	8.836	8.836	0	%100
215	M224	X	8.44	8.44	0	%100
216	M224	Z	14.619	14.619	0	%100
217	M225	X	2.784	2.784	0	%100
218	M225	Z	4.822	4.822	0	%100
219	M226	X	2.117	2.117	0	%100
220	M226	Z	3.666	3.666	0	%100
221	M227	X	2.117	2.117	0	%100
222	M227	Z	3.666	3.666	0	%100
223	M228	X	2.784	2.784	0	%100
224	M228	Z	4.822	4.822	0	%100
225	M229	X	8.44	8.44	0	%100
226	M229	Z	14.619	14.619	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...]	End Location[ft...]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M5	X	0	0	0	%100
6	M5	Z	0	0	0	%100
7	M18	X	0	0	0	%100
8	M18	Z	8.872	8.872	0	%100
9	M19	X	0	0	0	%100
10	M19	Z	2.397	2.397	0	%100
11	M20	X	0	0	0	%100
12	M20	Z	2.397	2.397	0	%100
13	M21	X	0	0	0	%100
14	M21	Z	10.715	10.715	0	%100
15	M22	X	0	0	0	%100
16	M22	Z	8.872	8.872	0	%100
17	M28	X	0	0	0	%100
18	M28	Z	5.432	5.432	0	%100
19	M29	X	0	0	0	%100
20	M29	Z	5.432	5.432	0	%100
21	M27A	X	0	0	0	%100
22	M27A	Z	2.397	2.397	0	%100
23	M28A	X	0	0	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Locationft...	End Locationft...
24	M28A	Z	2.397	2.397	0 %100
25	M29A	X	0	0	0 %100
26	M29A	Z	10.715	10.715	0 %100
27	M44	X	0	0	0 %100
28	M44	Z	3.327	3.327	0 %100
29	M47	X	0	0	0 %100
30	M47	Z	2.03	2.03	0 %100
31	M48	X	0	0	0 %100
32	M48	Z	2.03	2.03	0 %100
33	M51	X	0	0	0 %100
34	M51	Z	11.965	11.965	0 %100
35	M52	X	0	0	0 %100
36	M52	Z	7.456	7.456	0 %100
37	M55	X	0	0	0 %100
38	M55	Z	18.355	18.355	0 %100
39	M56	X	0	0	0 %100
40	M56	Z	18.355	18.355	0 %100
41	M69	X	0	0	0 %100
42	M69	Z	2.218	2.218	0 %100
43	M70	X	0	0	0 %100
44	M70	Z	9.587	9.587	0 %100
45	M71	X	0	0	0 %100
46	M71	Z	2.397	2.397	0 %100
47	M72	X	0	0	0 %100
48	M72	Z	2.679	2.679	0 %100
49	M73	X	0	0	0 %100
50	M73	Z	2.218	2.218	0 %100
51	M76	X	0	0	0 %100
52	M76	Z	21.73	21.73	0 %100
53	M77	X	0	0	0 %100
54	M77	Z	5.432	5.432	0 %100
55	M78	X	0	0	0 %100
56	M78	Z	9.587	9.587	0 %100
57	M79	X	0	0	0 %100
58	M79	Z	2.397	2.397	0 %100
59	M80	X	0	0	0 %100
60	M80	Z	2.679	2.679	0 %100
61	M95	X	0	0	0 %100
62	M95	Z	25.193	25.193	0 %100
63	M98	X	0	0	0 %100
64	M98	Z	10.616	10.616	0 %100
65	M99	X	0	0	0 %100
66	M99	Z	10.616	10.616	0 %100
67	M102	X	0	0	0 %100
68	M102	Z	2.991	2.991	0 %100
69	M103	X	0	0	0 %100
70	M103	Z	7.456	7.456	0 %100
71	M106	X	0	0	0 %100
72	M106	Z	18.355	18.355	0 %100
73	M107	X	0	0	0 %100
74	M107	Z	18.355	18.355	0 %100
75	M120	X	0	0	0 %100
76	M120	Z	2.218	2.218	0 %100
77	M121	X	0	0	0 %100
78	M121	Z	2.397	2.397	0 %100
79	M122	X	0	0	0 %100
80	M122	Z	9.587	9.587	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...End Location[ft...		
81	M123	X	0	0	%100	
82	M123	Z	2.679	2.679	0	%100
83	M124	X	0	0	0	%100
84	M124	Z	2.218	2.218	0	%100
85	M127	X	0	0	0	%100
86	M127	Z	5.432	5.432	0	%100
87	M128	X	0	0	0	%100
88	M128	Z	21.73	21.73	0	%100
89	M129	X	0	0	0	%100
90	M129	Z	2.397	2.397	0	%100
91	M130	X	0	0	0	%100
92	M130	Z	9.587	9.587	0	%100
93	M131	X	0	0	0	%100
94	M131	Z	2.679	2.679	0	%100
95	M146	X	0	0	0	%100
96	M146	Z	25.193	25.193	0	%100
97	M149	X	0	0	0	%100
98	M149	Z	10.616	10.616	0	%100
99	M150	X	0	0	0	%100
100	M150	Z	10.616	10.616	0	%100
101	M153	X	0	0	0	%100
102	M153	Z	2.991	2.991	0	%100
103	M148A	X	0	0	0	%100
104	M148A	Z	25.066	25.066	0	%100
105	M149A	X	0	0	0	%100
106	M149A	Z	6.266	6.266	0	%100
107	M150A	X	0	0	0	%100
108	M150A	Z	6.266	6.266	0	%100
109	M151A	X	0	0	0	%100
110	M151A	Z	9.643	9.643	0	%100
111	M152A	X	0	0	0	%100
112	M152A	Z	0	0	0	%100
113	M154	X	0	0	0	%100
114	M154	Z	2.411	2.411	0	%100
115	M157	X	0	0	0	%100
116	M157	Z	2.411	2.411	0	%100
117	M166	X	0	0	0	%100
118	M166	Z	24.361	24.361	0	%100
119	M162A	X	0	0	0	%100
120	M162A	Z	0	0	0	%100
121	M163A	X	0	0	0	%100
122	M163A	Z	24.361	24.361	0	%100
123	M164A	X	0	0	0	%100
124	M164A	Z	18.271	18.271	0	%100
125	M165A	X	0	0	0	%100
126	M165A	Z	6.09	6.09	0	%100
127	M166A	X	0	0	0	%100
128	M166A	Z	18.271	18.271	0	%100
129	M167	X	0	0	0	%100
130	M167	Z	6.09	6.09	0	%100
131	M168	X	0	0	0	%100
132	M168	Z	18.271	18.271	0	%100
133	M169	X	0	0	0	%100
134	M169	Z	6.09	6.09	0	%100
135	M170	X	0	0	0	%100
136	M170	Z	18.271	18.271	0	%100
137	M171	X	0	0	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Locationft...	End Locationft...
138	M171	Z	6.09	6.09	0 %100
139	M172	X	0	0	0 %100
140	M172	Z	8.938	8.938	0 %100
141	M173	X	0	0	0 %100
142	M173	Z	2.235	2.235	0 %100
143	M174	X	0	0	0 %100
144	M174	Z	2.235	2.235	0 %100
145	M175	X	0	0	0 %100
146	M175	Z	9.643	9.643	0 %100
147	M176	X	0	0	0 %100
148	M176	Z	2.411	2.411	0 %100
149	M177	X	0	0	0 %100
150	M177	Z	2.411	2.411	0 %100
151	MP4A	X	0	0	0 %100
152	MP4A	Z	8.393	8.393	0 %100
153	MP1A	X	0	0	0 %100
154	MP1A	Z	8.393	8.393	0 %100
155	MP3A	X	0	0	0 %100
156	MP3A	Z	8.393	8.393	0 %100
157	MP2A	X	0	0	0 %100
158	MP2A	Z	8.393	8.393	0 %100
159	MP4C	X	0	0	0 %100
160	MP4C	Z	8.393	8.393	0 %100
161	MP1C	X	0	0	0 %100
162	MP1C	Z	8.393	8.393	0 %100
163	MP3C	X	0	0	0 %100
164	MP3C	Z	8.393	8.393	0 %100
165	MP2C	X	0	0	0 %100
166	MP2C	Z	8.393	8.393	0 %100
167	MP4B	X	0	0	0 %100
168	MP4B	Z	8.393	8.393	0 %100
169	MP1B	X	0	0	0 %100
170	MP1B	Z	8.393	8.393	0 %100
171	MP3B	X	0	0	0 %100
172	MP3B	Z	8.393	8.393	0 %100
173	MP2B	X	0	0	0 %100
174	MP2B	Z	8.393	8.393	0 %100
175	M203	X	0	0	0 %100
176	M203	Z	7.214	7.214	0 %100
177	M205	X	0	0	0 %100
178	M205	Z	7.214	7.214	0 %100
179	M208	X	0	0	0 %100
180	M208	Z	0	0	0 %100
181	M209	X	0	0	0 %100
182	M209	Z	0	0	0 %100
183	M210	X	0	0	0 %100
184	M210	Z	0	0	0 %100
185	M211	X	0	0	0 %100
186	M211	Z	0	0	0 %100
187	M212	X	0	0	0 %100
188	M212	Z	1.36	1.36	0 %100
189	M213	X	0	0	0 %100
190	M213	Z	1.36	1.36	0 %100
191	M214	X	0	0	0 %100
192	M214	Z	1.36	1.36	0 %100
193	M215	X	0	0	0 %100
194	M215	Z	1.36	1.36	0 %100



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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...End Location[ft...
195	M218	X	0	0	0 %100
196	M218	Z	1.36	1.36	0 %100
197	M219	X	0	0	0 %100
198	M219	Z	1.36	1.36	0 %100
199	M220	X	0	0	0 %100
200	M220	Z	1.36	1.36	0 %100
201	M221	X	0	0	0 %100
202	M221	Z	1.36	1.36	0 %100
203	M210B	X	0	0	0 %100
204	M210B	Z	11.673	11.673	0 %100
205	M215A	X	0	0	0 %100
206	M215A	Z	2.918	2.918	0 %100
207	M220B	X	0	0	0 %100
208	M220B	Z	2.918	2.918	0 %100
209	M221B	X	0	0	0 %100
210	M221B	Z	3.401	3.401	0 %100
211	M222A	X	0	0	0 %100
212	M222A	Z	3.401	3.401	0 %100
213	M223A	X	0	0	0 %100
214	M223A	Z	13.604	13.604	0 %100
215	M224	X	0	0	0 %100
216	M224	Z	13.555	13.555	0 %100
217	M225	X	0	0	0 %100
218	M225	Z	13.555	13.555	0 %100
219	M226	X	0	0	0 %100
220	M226	Z	12.22	12.22	0 %100
221	M227	X	0	0	0 %100
222	M227	Z	.907	.907	0 %100
223	M228	X	0	0	0 %100
224	M228	Z	.907	.907	0 %100
225	M229	X	0	0	0 %100
226	M229	Z	12.22	12.22	0 %100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...End Location[ft...
1	M1	X	-1.243	-1.243	0 %100
2	M1	Z	2.152	2.152	0 %100
3	M4	X	-3.059	-3.059	0 %100
4	M4	Z	5.299	5.299	0 %100
5	M5	X	-3.059	-3.059	0 %100
6	M5	Z	5.299	5.299	0 %100
7	M18	X	-3.327	-3.327	0 %100
8	M18	Z	5.763	5.763	0 %100
9	M19	X	0	0	0 %100
10	M19	Z	0	0	0 %100
11	M20	X	-3.595	-3.595	0 %100
12	M20	Z	6.227	6.227	0 %100
13	M21	X	-4.018	-4.018	0 %100
14	M21	Z	6.959	6.959	0 %100
15	M22	X	-3.327	-3.327	0 %100
16	M22	Z	5.763	5.763	0 %100
17	M28	X	0	0	0 %100
18	M28	Z	0	0	0 %100
19	M29	X	-8.149	-8.149	0 %100
20	M29	Z	14.114	14.114	0 %100
21	M27A	X	0	0	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Locationft...	End Locationft...	
22	M27A	Z	0	0	%100	
23	M28A	X	-3.595	-3.595	0	%100
24	M28A	Z	6.227	6.227	0	%100
25	M29A	X	-4.018	-4.018	0	%100
26	M29A	Z	6.959	6.959	0	%100
27	M44	X	-5.308	-5.308	0	%100
28	M44	Z	9.194	9.194	0	%100
29	M47	X	-7.416	-7.416	0	%100
30	M47	Z	12.844	12.844	0	%100
31	M48	X	-7.416	-7.416	0	%100
32	M48	Z	12.844	12.844	0	%100
33	M51	X	-4.487	-4.487	0	%100
34	M51	Z	7.771	7.771	0	%100
35	M52	X	-1.243	-1.243	0	%100
36	M52	Z	2.152	2.152	0	%100
37	M55	X	-3.059	-3.059	0	%100
38	M55	Z	5.299	5.299	0	%100
39	M56	X	-3.059	-3.059	0	%100
40	M56	Z	5.299	5.299	0	%100
41	M69	X	-3.327	-3.327	0	%100
42	M69	Z	5.763	5.763	0	%100
43	M70	X	-3.595	-3.595	0	%100
44	M70	Z	6.227	6.227	0	%100
45	M71	X	0	0	0	%100
46	M71	Z	0	0	0	%100
47	M72	X	-4.018	-4.018	0	%100
48	M72	Z	6.959	6.959	0	%100
49	M73	X	-3.327	-3.327	0	%100
50	M73	Z	5.763	5.763	0	%100
51	M76	X	-8.149	-8.149	0	%100
52	M76	Z	14.114	14.114	0	%100
53	M77	X	0	0	0	%100
54	M77	Z	0	0	0	%100
55	M78	X	-3.595	-3.595	0	%100
56	M78	Z	6.227	6.227	0	%100
57	M79	X	0	0	0	%100
58	M79	Z	0	0	0	%100
59	M80	X	-4.018	-4.018	0	%100
60	M80	Z	6.959	6.959	0	%100
61	M95	X	-5.308	-5.308	0	%100
62	M95	Z	9.194	9.194	0	%100
63	M98	X	-12.597	-12.597	0	%100
64	M98	Z	21.818	21.818	0	%100
65	M99	X	-12.597	-12.597	0	%100
66	M99	Z	21.818	21.818	0	%100
67	M102	X	-4.487	-4.487	0	%100
68	M102	Z	7.771	7.771	0	%100
69	M103	X	-4.97	-4.97	0	%100
70	M103	Z	8.609	8.609	0	%100
71	M106	X	-12.237	-12.237	0	%100
72	M106	Z	21.194	21.194	0	%100
73	M107	X	-12.237	-12.237	0	%100
74	M107	Z	21.194	21.194	0	%100
75	M120	X	0	0	0	%100
76	M120	Z	0	0	0	%100
77	M121	X	-3.595	-3.595	0	%100
78	M121	Z	6.227	6.227	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...End Location[ft...		
79	M122	X	-3.595	-3.595	0	%100
80	M122	Z	6.227	6.227	0	%100
81	M123	X	0	0	0	%100
82	M123	Z	0	0	0	%100
83	M124	X	0	0	0	%100
84	M124	Z	0	0	0	%100
85	M127	X	-8.149	-8.149	0	%100
86	M127	Z	14.114	14.114	0	%100
87	M128	X	-8.149	-8.149	0	%100
88	M128	Z	14.114	14.114	0	%100
89	M129	X	-3.595	-3.595	0	%100
90	M129	Z	6.227	6.227	0	%100
91	M130	X	-3.595	-3.595	0	%100
92	M130	Z	6.227	6.227	0	%100
93	M131	X	0	0	0	%100
94	M131	Z	0	0	0	%100
95	M146	X	-16.241	-16.241	0	%100
96	M146	Z	28.13	28.13	0	%100
97	M149	X	-1.664	-1.664	0	%100
98	M149	Z	2.881	2.881	0	%100
99	M150	X	-1.664	-1.664	0	%100
100	M150	Z	2.881	2.881	0	%100
101	M153	X	0	0	0	%100
102	M153	Z	0	0	0	%100
103	M148A	X	-9.4	-9.4	0	%100
104	M148A	Z	16.281	16.281	0	%100
105	M149A	X	-9.4	-9.4	0	%100
106	M149A	Z	16.281	16.281	0	%100
107	M150A	X	0	0	0	%100
108	M150A	Z	0	0	0	%100
109	M151A	X	-3.616	-3.616	0	%100
110	M151A	Z	6.263	6.263	0	%100
111	M152A	X	-3.045	-3.045	0	%100
112	M152A	Z	5.274	5.274	0	%100
113	M154	X	-3.616	-3.616	0	%100
114	M154	Z	6.263	6.263	0	%100
115	M157	X	0	0	0	%100
116	M157	Z	0	0	0	%100
117	M166	X	-9.136	-9.136	0	%100
118	M166	Z	15.823	15.823	0	%100
119	M162A	X	-3.045	-3.045	0	%100
120	M162A	Z	5.274	5.274	0	%100
121	M163A	X	-9.136	-9.136	0	%100
122	M163A	Z	15.823	15.823	0	%100
123	M164A	X	-3.045	-3.045	0	%100
124	M164A	Z	5.274	5.274	0	%100
125	M165A	X	-9.136	-9.136	0	%100
126	M165A	Z	15.823	15.823	0	%100
127	M166A	X	-3.045	-3.045	0	%100
128	M166A	Z	5.275	5.275	0	%100
129	M167	X	-9.136	-9.136	0	%100
130	M167	Z	15.823	15.823	0	%100
131	M168	X	-12.181	-12.181	0	%100
132	M168	Z	21.098	21.098	0	%100
133	M169	X	0	0	0	%100
134	M169	Z	0	0	0	%100
135	M170	X	-12.181	-12.181	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Locationft...	End Locationft...
136	M170	Z	21.098	21.098	0 %100
137	M171	X	0	0	0 %100
138	M171	Z	0	0	0 %100
139	M172	X	-3.352	-3.352	0 %100
140	M172	Z	5.806	5.806	0 %100
141	M173	X	-3.352	-3.352	0 %100
142	M173	Z	5.806	5.806	0 %100
143	M174	X	0	0	0 %100
144	M174	Z	0	0	0 %100
145	M175	X	-3.616	-3.616	0 %100
146	M175	Z	6.263	6.263	0 %100
147	M176	X	-3.616	-3.616	0 %100
148	M176	Z	6.263	6.263	0 %100
149	M177	X	0	0	0 %100
150	M177	Z	0	0	0 %100
151	MP4A	X	-4.353	-4.353	0 %100
152	MP4A	Z	7.539	7.539	0 %100
153	MP1A	X	-4.353	-4.353	0 %100
154	MP1A	Z	7.539	7.539	0 %100
155	MP3A	X	-4.353	-4.353	0 %100
156	MP3A	Z	7.539	7.539	0 %100
157	MP2A	X	-4.353	-4.353	0 %100
158	MP2A	Z	7.539	7.539	0 %100
159	MP4C	X	-4.353	-4.353	0 %100
160	MP4C	Z	7.539	7.539	0 %100
161	MP1C	X	-4.353	-4.353	0 %100
162	MP1C	Z	7.539	7.539	0 %100
163	MP3C	X	-4.353	-4.353	0 %100
164	MP3C	Z	7.539	7.539	0 %100
165	MP2C	X	-4.353	-4.353	0 %100
166	MP2C	Z	7.539	7.539	0 %100
167	MP4B	X	-4.353	-4.353	0 %100
168	MP4B	Z	7.539	7.539	0 %100
169	MP1B	X	-4.353	-4.353	0 %100
170	MP1B	Z	7.539	7.539	0 %100
171	MP3B	X	-4.353	-4.353	0 %100
172	MP3B	Z	7.539	7.539	0 %100
173	MP2B	X	-4.353	-4.353	0 %100
174	MP2B	Z	7.539	7.539	0 %100
175	M203	X	-3.691	-3.691	0 %100
176	M203	Z	6.393	6.393	0 %100
177	M205	X	-3.691	-3.691	0 %100
178	M205	Z	6.393	6.393	0 %100
179	M208	X	-.227	-.227	0 %100
180	M208	Z	.393	.393	0 %100
181	M209	X	-.227	-.227	0 %100
182	M209	Z	.393	.393	0 %100
183	M210	X	-.227	-.227	0 %100
184	M210	Z	.393	.393	0 %100
185	M211	X	-.227	-.227	0 %100
186	M211	Z	.393	.393	0 %100
187	M212	X	-.227	-.227	0 %100
188	M212	Z	.393	.393	0 %100
189	M213	X	-.227	-.227	0 %100
190	M213	Z	.393	.393	0 %100
191	M214	X	-.227	-.227	0 %100
192	M214	Z	.393	.393	0 %100



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

	Member Label	Direction	Start Magnitude[lb/ft.F,ksf]	End Magnitude[lb/ft.F,ksf]	Start Location[ft...End Location[ft...
193	M215	X	-0.227	-0.227	0 %100
194	M215	Z	0.393	0.393	0 %100
195	M218	X	-0.907	-0.907	0 %100
196	M218	Z	1.571	1.571	0 %100
197	M219	X	-0.907	-0.907	0 %100
198	M219	Z	1.571	1.571	0 %100
199	M220	X	-0.907	-0.907	0 %100
200	M220	Z	1.571	1.571	0 %100
201	M221	X	-0.907	-0.907	0 %100
202	M221	Z	1.571	1.571	0 %100
203	M210B	X	-4.377	-4.377	0 %100
204	M210B	Z	7.582	7.582	0 %100
205	M215A	X	-4.377	-4.377	0 %100
206	M215A	Z	7.582	7.582	0 %100
207	M220B	X	0	0	0 %100
208	M220B	Z	0	0	0 %100
209	M221B	X	-5.101	-5.101	0 %100
210	M221B	Z	8.836	8.836	0 %100
211	M222A	X	0	0	0 %100
212	M222A	Z	0	0	0 %100
213	M223A	X	-5.101	-5.101	0 %100
214	M223A	Z	8.836	8.836	0 %100
215	M224	X	-2.784	-2.784	0 %100
216	M224	Z	4.822	4.822	0 %100
217	M225	X	-8.44	-8.44	0 %100
218	M225	Z	14.619	14.619	0 %100
219	M226	X	-8.44	-8.44	0 %100
220	M226	Z	14.619	14.619	0 %100
221	M227	X	-2.784	-2.784	0 %100
222	M227	Z	4.822	4.822	0 %100
223	M228	X	-2.117	-2.117	0 %100
224	M228	Z	3.666	3.666	0 %100
225	M229	X	-2.117	-2.117	0 %100
226	M229	Z	3.666	3.666	0 %100

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

	Member Label	Direction	Start Magnitude[lb/ft.F,ksf]	End Magnitude[lb/ft.F,ksf]	Start Location[ft...End Location[ft...
1	M1	X	-6.457	-6.457	0 %100
2	M1	Z	3.728	3.728	0 %100
3	M4	X	-15.896	-15.896	0 %100
4	M4	Z	9.177	9.177	0 %100
5	M5	X	-15.896	-15.896	0 %100
6	M5	Z	9.177	9.177	0 %100
7	M18	X	-1.921	-1.921	0 %100
8	M18	Z	1.109	1.109	0 %100
9	M19	X	-2.076	-2.076	0 %100
10	M19	Z	1.198	1.198	0 %100
11	M20	X	-8.302	-8.302	0 %100
12	M20	Z	4.793	4.793	0 %100
13	M21	X	-2.32	-2.32	0 %100
14	M21	Z	1.339	1.339	0 %100
15	M22	X	-1.921	-1.921	0 %100
16	M22	Z	1.109	1.109	0 %100
17	M28	X	-4.705	-4.705	0 %100
18	M28	Z	2.716	2.716	0 %100
19	M29	X	-18.819	-18.819	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Locationft...	End Locationft...
20	M29	Z	10.865	10.865	0 %100
21	M27A	X	-2.076	-2.076	0 %100
22	M27A	Z	1.198	1.198	0 %100
23	M28A	X	-8.302	-8.302	0 %100
24	M28A	Z	4.793	4.793	0 %100
25	M29A	X	-2.32	-2.32	0 %100
26	M29A	Z	1.339	1.339	0 %100
27	M44	X	-21.818	-21.818	0 %100
28	M44	Z	12.597	12.597	0 %100
29	M47	X	-35.016	-35.016	0 %100
30	M47	Z	20.217	20.217	0 %100
31	M48	X	-35.016	-35.016	0 %100
32	M48	Z	20.217	20.217	0 %100
33	M51	X	-2.59	-2.59	0 %100
34	M51	Z	1.496	1.496	0 %100
35	M52	X	0	0	0 %100
36	M52	Z	0	0	0 %100
37	M55	X	0	0	0 %100
38	M55	Z	0	0	0 %100
39	M56	X	0	0	0 %100
40	M56	Z	0	0	0 %100
41	M69	X	-7.684	-7.684	0 %100
42	M69	Z	4.436	4.436	0 %100
43	M70	X	-2.076	-2.076	0 %100
44	M70	Z	1.198	1.198	0 %100
45	M71	X	-2.076	-2.076	0 %100
46	M71	Z	1.198	1.198	0 %100
47	M72	X	-9.279	-9.279	0 %100
48	M72	Z	5.357	5.357	0 %100
49	M73	X	-7.684	-7.684	0 %100
50	M73	Z	4.436	4.436	0 %100
51	M76	X	-4.705	-4.705	0 %100
52	M76	Z	2.716	2.716	0 %100
53	M77	X	-4.705	-4.705	0 %100
54	M77	Z	2.716	2.716	0 %100
55	M78	X	-2.076	-2.076	0 %100
56	M78	Z	1.198	1.198	0 %100
57	M79	X	-2.076	-2.076	0 %100
58	M79	Z	1.198	1.198	0 %100
59	M80	X	-9.279	-9.279	0 %100
60	M80	Z	5.357	5.357	0 %100
61	M95	X	-2.881	-2.881	0 %100
62	M95	Z	1.664	1.664	0 %100
63	M98	X	-28.13	-28.13	0 %100
64	M98	Z	16.241	16.241	0 %100
65	M99	X	-28.13	-28.13	0 %100
66	M99	Z	16.241	16.241	0 %100
67	M102	X	-10.362	-10.362	0 %100
68	M102	Z	5.982	5.982	0 %100
69	M103	X	-6.457	-6.457	0 %100
70	M103	Z	3.728	3.728	0 %100
71	M106	X	-15.896	-15.896	0 %100
72	M106	Z	9.177	9.177	0 %100
73	M107	X	-15.896	-15.896	0 %100
74	M107	Z	9.177	9.177	0 %100
75	M120	X	-1.921	-1.921	0 %100
76	M120	Z	1.109	1.109	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...End Location[ft...
77	M121	X	-8.302	0 %100
78	M121	Z	4.793	0 %100
79	M122	X	-2.076	0 %100
80	M122	Z	1.198	0 %100
81	M123	X	-2.32	0 %100
82	M123	Z	1.339	0 %100
83	M124	X	-1.921	0 %100
84	M124	Z	1.109	0 %100
85	M127	X	-18.819	0 %100
86	M127	Z	10.865	0 %100
87	M128	X	-4.705	0 %100
88	M128	Z	2.716	0 %100
89	M129	X	-8.302	0 %100
90	M129	Z	4.793	0 %100
91	M130	X	-2.076	0 %100
92	M130	Z	1.198	0 %100
93	M131	X	-2.32	0 %100
94	M131	Z	1.339	0 %100
95	M146	X	-21.818	0 %100
96	M146	Z	12.597	0 %100
97	M149	X	-9.194	0 %100
98	M149	Z	5.308	0 %100
99	M150	X	-9.194	0 %100
100	M150	Z	5.308	0 %100
101	M153	X	-2.59	0 %100
102	M153	Z	1.496	0 %100
103	M148A	X	-5.427	0 %100
104	M148A	Z	3.133	0 %100
105	M149A	X	-21.708	0 %100
106	M149A	Z	12.533	0 %100
107	M150A	X	-5.427	0 %100
108	M150A	Z	3.133	0 %100
109	M151A	X	-2.088	0 %100
110	M151A	Z	1.205	0 %100
111	M152A	X	-15.823	0 %100
112	M152A	Z	9.136	0 %100
113	M154	X	-8.351	0 %100
114	M154	Z	4.822	0 %100
115	M157	X	-2.088	0 %100
116	M157	Z	1.205	0 %100
117	M166	X	-5.274	0 %100
118	M166	Z	3.045	0 %100
119	M162A	X	-15.823	0 %100
120	M162A	Z	9.136	0 %100
121	M163A	X	-5.274	0 %100
122	M163A	Z	3.045	0 %100
123	M164A	X	0	0 %100
124	M164A	Z	0	0 %100
125	M165A	X	-21.098	0 %100
126	M165A	Z	12.181	0 %100
127	M166A	X	0	0 %100
128	M166A	Z	0	0 %100
129	M167	X	-21.098	0 %100
130	M167	Z	12.181	0 %100
131	M168	X	-15.823	0 %100
132	M168	Z	9.136	0 %100
133	M169	X	-5.274	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Locationft...	End Locationft...
134	M169	Z	3.045	3.045	0 %100
135	M170	X	-15.823	-15.823	0 %100
136	M170	Z	9.136	9.136	0 %100
137	M171	X	-5.274	-5.274	0 %100
138	M171	Z	3.045	3.045	0 %100
139	M172	X	-1.935	-1.935	0 %100
140	M172	Z	1.117	1.117	0 %100
141	M173	X	-7.741	-7.741	0 %100
142	M173	Z	4.469	4.469	0 %100
143	M174	X	-1.935	-1.935	0 %100
144	M174	Z	1.117	1.117	0 %100
145	M175	X	-2.088	-2.088	0 %100
146	M175	Z	1.205	1.205	0 %100
147	M176	X	-8.351	-8.351	0 %100
148	M176	Z	4.822	4.822	0 %100
149	M177	X	-2.088	-2.088	0 %100
150	M177	Z	1.205	1.205	0 %100
151	MP4A	X	-8.08	-8.08	0 %100
152	MP4A	Z	4.665	4.665	0 %100
153	MP1A	X	-8.08	-8.08	0 %100
154	MP1A	Z	4.665	4.665	0 %100
155	MP3A	X	-8.08	-8.08	0 %100
156	MP3A	Z	4.665	4.665	0 %100
157	MP2A	X	-8.08	-8.08	0 %100
158	MP2A	Z	4.665	4.665	0 %100
159	MP4C	X	-8.08	-8.08	0 %100
160	MP4C	Z	4.665	4.665	0 %100
161	MP1C	X	-8.08	-8.08	0 %100
162	MP1C	Z	4.665	4.665	0 %100
163	MP3C	X	-8.08	-8.08	0 %100
164	MP3C	Z	4.665	4.665	0 %100
165	MP2C	X	-8.08	-8.08	0 %100
166	MP2C	Z	4.665	4.665	0 %100
167	MP4B	X	-8.08	-8.08	0 %100
168	MP4B	Z	4.665	4.665	0 %100
169	MP1B	X	-8.08	-8.08	0 %100
170	MP1B	Z	4.665	4.665	0 %100
171	MP3B	X	-8.08	-8.08	0 %100
172	MP3B	Z	4.665	4.665	0 %100
173	MP2B	X	-8.08	-8.08	0 %100
174	MP2B	Z	4.665	4.665	0 %100
175	M203	X	-6.684	-6.684	0 %100
176	M203	Z	3.859	3.859	0 %100
177	M205	X	-6.684	-6.684	0 %100
178	M205	Z	3.859	3.859	0 %100
179	M208	X	-1.178	-1.178	0 %100
180	M208	Z	.68	.68	0 %100
181	M209	X	-1.178	-1.178	0 %100
182	M209	Z	.68	.68	0 %100
183	M210	X	-1.178	-1.178	0 %100
184	M210	Z	.68	.68	0 %100
185	M211	X	-1.178	-1.178	0 %100
186	M211	Z	.68	.68	0 %100
187	M212	X	0	0	0 %100
188	M212	Z	0	0	0 %100
189	M213	X	0	0	0 %100
190	M213	Z	0	0	0 %100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...End Location[ft...
191	M214	X	0	0	0 %100
192	M214	Z	0	0	0 %100
193	M215	X	0	0	0 %100
194	M215	Z	0	0	0 %100
195	M218	X	-1.178	-1.178	0 %100
196	M218	Z	.68	.68	0 %100
197	M219	X	-1.178	-1.178	0 %100
198	M219	Z	.68	.68	0 %100
199	M220	X	-1.178	-1.178	0 %100
200	M220	Z	.68	.68	0 %100
201	M221	X	-1.178	-1.178	0 %100
202	M221	Z	.68	.68	0 %100
203	M210B	X	-2.527	-2.527	0 %100
204	M210B	Z	1.459	1.459	0 %100
205	M215A	X	-10.109	-10.109	0 %100
206	M215A	Z	5.837	5.837	0 %100
207	M220B	X	-2.527	-2.527	0 %100
208	M220B	Z	1.459	1.459	0 %100
209	M221B	X	-11.781	-11.781	0 %100
210	M221B	Z	6.802	6.802	0 %100
211	M222A	X	-2.945	-2.945	0 %100
212	M222A	Z	1.7	1.7	0 %100
213	M223A	X	-2.945	-2.945	0 %100
214	M223A	Z	1.7	1.7	0 %100
215	M224	X	-.786	-.786	0 %100
216	M224	Z	.454	.454	0 %100
217	M225	X	-10.583	-10.583	0 %100
218	M225	Z	6.11	6.11	0 %100
219	M226	X	-11.739	-11.739	0 %100
220	M226	Z	6.777	6.777	0 %100
221	M227	X	-11.739	-11.739	0 %100
222	M227	Z	6.777	6.777	0 %100
223	M228	X	-10.583	-10.583	0 %100
224	M228	Z	6.11	6.11	0 %100
225	M229	X	-.786	-.786	0 %100
226	M229	Z	.454	.454	0 %100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...End Location[ft...
1	M1	X	-9.941	-9.941	0 %100
2	M1	Z	0	0	0 %100
3	M4	X	-24.473	-24.473	0 %100
4	M4	Z	0	0	0 %100
5	M5	X	-24.473	-24.473	0 %100
6	M5	Z	0	0	0 %100
7	M18	X	0	0	0 %100
8	M18	Z	0	0	0 %100
9	M19	X	-7.19	-7.19	0 %100
10	M19	Z	0	0	0 %100
11	M20	X	-7.19	-7.19	0 %100
12	M20	Z	0	0	0 %100
13	M21	X	0	0	0 %100
14	M21	Z	0	0	0 %100
15	M22	X	0	0	0 %100
16	M22	Z	0	0	0 %100
17	M28	X	-16.297	-16.297	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Locationft...	End Locationft...	
18	M28	Z	0	0	%100	
19	M29	X	-16.297	-16.297	0	%100
20	M29	Z	0	0	0	%100
21	M27A	X	-7.19	-7.19	0	%100
22	M27A	Z	0	0	0	%100
23	M28A	X	-7.19	-7.19	0	%100
24	M28A	Z	0	0	0	%100
25	M29A	X	0	0	0	%100
26	M29A	Z	0	0	0	%100
27	M44	X	-32.482	-32.482	0	%100
28	M44	Z	0	0	0	%100
29	M47	X	-53.234	-53.234	0	%100
30	M47	Z	0	0	0	%100
31	M48	X	-53.234	-53.234	0	%100
32	M48	Z	0	0	0	%100
33	M51	X	0	0	0	%100
34	M51	Z	0	0	0	%100
35	M52	X	-2.485	-2.485	0	%100
36	M52	Z	0	0	0	%100
37	M55	X	-6.118	-6.118	0	%100
38	M55	Z	0	0	0	%100
39	M56	X	-6.118	-6.118	0	%100
40	M56	Z	0	0	0	%100
41	M69	X	-6.654	-6.654	0	%100
42	M69	Z	0	0	0	%100
43	M70	X	0	0	0	%100
44	M70	Z	0	0	0	%100
45	M71	X	-7.19	-7.19	0	%100
46	M71	Z	0	0	0	%100
47	M72	X	-8.036	-8.036	0	%100
48	M72	Z	0	0	0	%100
49	M73	X	-6.654	-6.654	0	%100
50	M73	Z	0	0	0	%100
51	M76	X	0	0	0	%100
52	M76	Z	0	0	0	%100
53	M77	X	-16.297	-16.297	0	%100
54	M77	Z	0	0	0	%100
55	M78	X	0	0	0	%100
56	M78	Z	0	0	0	%100
57	M79	X	-7.19	-7.19	0	%100
58	M79	Z	0	0	0	%100
59	M80	X	-8.036	-8.036	0	%100
60	M80	Z	0	0	0	%100
61	M95	X	-10.616	-10.616	0	%100
62	M95	Z	0	0	0	%100
63	M98	X	-25.193	-25.193	0	%100
64	M98	Z	0	0	0	%100
65	M99	X	-25.193	-25.193	0	%100
66	M99	Z	0	0	0	%100
67	M102	X	-8.973	-8.973	0	%100
68	M102	Z	0	0	0	%100
69	M103	X	-2.485	-2.485	0	%100
70	M103	Z	0	0	0	%100
71	M106	X	-6.118	-6.118	0	%100
72	M106	Z	0	0	0	%100
73	M107	X	-6.118	-6.118	0	%100
74	M107	Z	0	0	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...End Location[ft...		
75	M120	X	-6.654	-6.654	0	%100
76	M120	Z	0	0	0	%100
77	M121	X	-7.19	-7.19	0	%100
78	M121	Z	0	0	0	%100
79	M122	X	0	0	0	%100
80	M122	Z	0	0	0	%100
81	M123	X	-8.036	-8.036	0	%100
82	M123	Z	0	0	0	%100
83	M124	X	-6.654	-6.654	0	%100
84	M124	Z	0	0	0	%100
85	M127	X	-16.297	-16.297	0	%100
86	M127	Z	0	0	0	%100
87	M128	X	0	0	0	%100
88	M128	Z	0	0	0	%100
89	M129	X	-7.19	-7.19	0	%100
90	M129	Z	0	0	0	%100
91	M130	X	0	0	0	%100
92	M130	Z	0	0	0	%100
93	M131	X	-8.036	-8.036	0	%100
94	M131	Z	0	0	0	%100
95	M146	X	-10.616	-10.616	0	%100
96	M146	Z	0	0	0	%100
97	M149	X	-25.193	-25.193	0	%100
98	M149	Z	0	0	0	%100
99	M150	X	-25.193	-25.193	0	%100
100	M150	Z	0	0	0	%100
101	M153	X	-8.973	-8.973	0	%100
102	M153	Z	0	0	0	%100
103	M148A	X	0	0	0	%100
104	M148A	Z	0	0	0	%100
105	M149A	X	-18.799	-18.799	0	%100
106	M149A	Z	0	0	0	%100
107	M150A	X	-18.799	-18.799	0	%100
108	M150A	Z	0	0	0	%100
109	M151A	X	0	0	0	%100
110	M151A	Z	0	0	0	%100
111	M152A	X	-24.361	-24.361	0	%100
112	M152A	Z	0	0	0	%100
113	M154	X	-7.232	-7.232	0	%100
114	M154	Z	0	0	0	%100
115	M157	X	-7.232	-7.232	0	%100
116	M157	Z	0	0	0	%100
117	M166	X	0	0	0	%100
118	M166	Z	0	0	0	%100
119	M162A	X	-24.361	-24.361	0	%100
120	M162A	Z	0	0	0	%100
121	M163A	X	0	0	0	%100
122	M163A	Z	0	0	0	%100
123	M164A	X	-6.09	-6.09	0	%100
124	M164A	Z	0	0	0	%100
125	M165A	X	-18.271	-18.271	0	%100
126	M165A	Z	0	0	0	%100
127	M166A	X	-6.09	-6.09	0	%100
128	M166A	Z	0	0	0	%100
129	M167	X	-18.271	-18.271	0	%100
130	M167	Z	0	0	0	%100
131	M168	X	-6.09	-6.09	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Locationft...	End Locationft...	
132	M168	Z	0	0	%100	
133	M169	X	-18.271	-18.271	0	%100
134	M169	Z	0	0	0	%100
135	M170	X	-6.091	-6.091	0	%100
136	M170	Z	0	0	0	%100
137	M171	X	-18.271	-18.271	0	%100
138	M171	Z	0	0	0	%100
139	M172	X	0	0	0	%100
140	M172	Z	0	0	0	%100
141	M173	X	-6.704	-6.704	0	%100
142	M173	Z	0	0	0	%100
143	M174	X	-6.704	-6.704	0	%100
144	M174	Z	0	0	0	%100
145	M175	X	0	0	0	%100
146	M175	Z	0	0	0	%100
147	M176	X	-7.232	-7.232	0	%100
148	M176	Z	0	0	0	%100
149	M177	X	-7.232	-7.232	0	%100
150	M177	Z	0	0	0	%100
151	MP4A	X	-9.643	-9.643	0	%100
152	MP4A	Z	0	0	0	%100
153	MP1A	X	-9.643	-9.643	0	%100
154	MP1A	Z	0	0	0	%100
155	MP3A	X	-9.643	-9.643	0	%100
156	MP3A	Z	0	0	0	%100
157	MP2A	X	-9.643	-9.643	0	%100
158	MP2A	Z	0	0	0	%100
159	MP4C	X	-9.643	-9.643	0	%100
160	MP4C	Z	0	0	0	%100
161	MP1C	X	-9.643	-9.643	0	%100
162	MP1C	Z	0	0	0	%100
163	MP3C	X	-9.643	-9.643	0	%100
164	MP3C	Z	0	0	0	%100
165	MP2C	X	-9.643	-9.643	0	%100
166	MP2C	Z	0	0	0	%100
167	MP4B	X	-9.643	-9.643	0	%100
168	MP4B	Z	0	0	0	%100
169	MP1B	X	-9.643	-9.643	0	%100
170	MP1B	Z	0	0	0	%100
171	MP3B	X	-9.643	-9.643	0	%100
172	MP3B	Z	0	0	0	%100
173	MP2B	X	-9.643	-9.643	0	%100
174	MP2B	Z	0	0	0	%100
175	M203	X	-7.886	-7.886	0	%100
176	M203	Z	0	0	0	%100
177	M205	X	-7.886	-7.886	0	%100
178	M205	Z	0	0	0	%100
179	M208	X	-1.814	-1.814	0	%100
180	M208	Z	0	0	0	%100
181	M209	X	-1.814	-1.814	0	%100
182	M209	Z	0	0	0	%100
183	M210	X	-1.814	-1.814	0	%100
184	M210	Z	0	0	0	%100
185	M211	X	-1.814	-1.814	0	%100
186	M211	Z	0	0	0	%100
187	M212	X	-453	-453	0	%100
188	M212	Z	0	0	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...End Location[ft...
189	M213	X	-4.53	-4.53	0 %100
190	M213	Z	0	0	0 %100
191	M214	X	-4.53	-4.53	0 %100
192	M214	Z	0	0	0 %100
193	M215	X	-4.53	-4.53	0 %100
194	M215	Z	0	0	0 %100
195	M218	X	-4.53	-4.53	0 %100
196	M218	Z	0	0	0 %100
197	M219	X	-4.53	-4.53	0 %100
198	M219	Z	0	0	0 %100
199	M220	X	-4.53	-4.53	0 %100
200	M220	Z	0	0	0 %100
201	M221	X	-4.53	-4.53	0 %100
202	M221	Z	0	0	0 %100
203	M210B	X	0	0	0 %100
204	M210B	Z	0	0	0 %100
205	M215A	X	-8.755	-8.755	0 %100
206	M215A	Z	0	0	0 %100
207	M220B	X	-8.755	-8.755	0 %100
208	M220B	Z	0	0	0 %100
209	M221B	X	-10.203	-10.203	0 %100
210	M221B	Z	0	0	0 %100
211	M222A	X	-10.203	-10.203	0 %100
212	M222A	Z	0	0	0 %100
213	M223A	X	0	0	0 %100
214	M223A	Z	0	0	0 %100
215	M224	X	-4.233	-4.233	0 %100
216	M224	Z	0	0	0 %100
217	M225	X	-4.233	-4.233	0 %100
218	M225	Z	0	0	0 %100
219	M226	X	-5.568	-5.568	0 %100
220	M226	Z	0	0	0 %100
221	M227	X	-16.881	-16.881	0 %100
222	M227	Z	0	0	0 %100
223	M228	X	-16.881	-16.881	0 %100
224	M228	Z	0	0	0 %100
225	M229	X	-5.568	-5.568	0 %100
226	M229	Z	0	0	0 %100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...End Location[ft...
1	M1	X	-6.457	-6.457	0 %100
2	M1	Z	-3.728	-3.728	0 %100
3	M4	X	-15.896	-15.896	0 %100
4	M4	Z	-9.177	-9.177	0 %100
5	M5	X	-15.896	-15.896	0 %100
6	M5	Z	-9.177	-9.177	0 %100
7	M18	X	-1.921	-1.921	0 %100
8	M18	Z	-1.109	-1.109	0 %100
9	M19	X	-8.302	-8.302	0 %100
10	M19	Z	-4.793	-4.793	0 %100
11	M20	X	-2.076	-2.076	0 %100
12	M20	Z	-1.198	-1.198	0 %100
13	M21	X	-2.32	-2.32	0 %100
14	M21	Z	-1.339	-1.339	0 %100
15	M22	X	-1.921	-1.921	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Locationft...	End Locationft...
16	M22	Z	-1.109	-1.109	0 %100
17	M28	X	-18.819	-18.819	0 %100
18	M28	Z	-10.865	-10.865	0 %100
19	M29	X	-4.705	-4.705	0 %100
20	M29	Z	-2.716	-2.716	0 %100
21	M27A	X	-8.302	-8.302	0 %100
22	M27A	Z	-4.793	-4.793	0 %100
23	M28A	X	-2.076	-2.076	0 %100
24	M28A	Z	-1.198	-1.198	0 %100
25	M29A	X	-2.32	-2.32	0 %100
26	M29A	Z	-1.339	-1.339	0 %100
27	M44	X	-21.818	-21.818	0 %100
28	M44	Z	-12.597	-12.597	0 %100
29	M47	X	-35.016	-35.016	0 %100
30	M47	Z	-20.217	-20.217	0 %100
31	M48	X	-35.016	-35.016	0 %100
32	M48	Z	-20.217	-20.217	0 %100
33	M51	X	-2.59	-2.59	0 %100
34	M51	Z	-1.496	-1.496	0 %100
35	M52	X	-6.457	-6.457	0 %100
36	M52	Z	-3.728	-3.728	0 %100
37	M55	X	-15.896	-15.896	0 %100
38	M55	Z	-9.177	-9.177	0 %100
39	M56	X	-15.896	-15.896	0 %100
40	M56	Z	-9.177	-9.177	0 %100
41	M69	X	-1.921	-1.921	0 %100
42	M69	Z	-1.109	-1.109	0 %100
43	M70	X	-2.076	-2.076	0 %100
44	M70	Z	-1.198	-1.198	0 %100
45	M71	X	-8.302	-8.302	0 %100
46	M71	Z	-4.793	-4.793	0 %100
47	M72	X	-2.32	-2.32	0 %100
48	M72	Z	-1.339	-1.339	0 %100
49	M73	X	-1.921	-1.921	0 %100
50	M73	Z	-1.109	-1.109	0 %100
51	M76	X	-4.705	-4.705	0 %100
52	M76	Z	-2.716	-2.716	0 %100
53	M77	X	-18.819	-18.819	0 %100
54	M77	Z	-10.865	-10.865	0 %100
55	M78	X	-2.076	-2.076	0 %100
56	M78	Z	-1.198	-1.198	0 %100
57	M79	X	-8.302	-8.302	0 %100
58	M79	Z	-4.793	-4.793	0 %100
59	M80	X	-2.32	-2.32	0 %100
60	M80	Z	-1.339	-1.339	0 %100
61	M95	X	-21.818	-21.818	0 %100
62	M95	Z	-12.597	-12.597	0 %100
63	M98	X	-9.194	-9.194	0 %100
64	M98	Z	-5.308	-5.308	0 %100
65	M99	X	-9.194	-9.194	0 %100
66	M99	Z	-5.308	-5.308	0 %100
67	M102	X	-2.59	-2.59	0 %100
68	M102	Z	-1.496	-1.496	0 %100
69	M103	X	0	0	0 %100
70	M103	Z	0	0	0 %100
71	M106	X	0	0	0 %100
72	M106	Z	0	0	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...]	End Location[ft...]
73	M107	X	0	0	%100
74	M107	Z	0	0	%100
75	M120	X	-7.684	-7.684	0 %100
76	M120	Z	-4.436	-4.436	0 %100
77	M121	X	-2.076	-2.076	0 %100
78	M121	Z	-1.198	-1.198	0 %100
79	M122	X	-2.076	-2.076	0 %100
80	M122	Z	-1.198	-1.198	0 %100
81	M123	X	-9.279	-9.279	0 %100
82	M123	Z	-5.357	-5.357	0 %100
83	M124	X	-7.684	-7.684	0 %100
84	M124	Z	-4.436	-4.436	0 %100
85	M127	X	-4.705	-4.705	0 %100
86	M127	Z	-2.716	-2.716	0 %100
87	M128	X	-4.705	-4.705	0 %100
88	M128	Z	-2.716	-2.716	0 %100
89	M129	X	-2.076	-2.076	0 %100
90	M129	Z	-1.198	-1.198	0 %100
91	M130	X	-2.076	-2.076	0 %100
92	M130	Z	-1.198	-1.198	0 %100
93	M131	X	-9.279	-9.279	0 %100
94	M131	Z	-5.357	-5.357	0 %100
95	M146	X	-2.881	-2.881	0 %100
96	M146	Z	-1.664	-1.664	0 %100
97	M149	X	-28.13	-28.13	0 %100
98	M149	Z	-16.241	-16.241	0 %100
99	M150	X	-28.13	-28.13	0 %100
100	M150	Z	-16.241	-16.241	0 %100
101	M153	X	-10.362	-10.362	0 %100
102	M153	Z	-5.982	-5.982	0 %100
103	M148A	X	-5.427	-5.427	0 %100
104	M148A	Z	-3.133	-3.133	0 %100
105	M149A	X	-5.427	-5.427	0 %100
106	M149A	Z	-3.133	-3.133	0 %100
107	M150A	X	-21.708	-21.708	0 %100
108	M150A	Z	-12.533	-12.533	0 %100
109	M151A	X	-2.088	-2.088	0 %100
110	M151A	Z	-1.205	-1.205	0 %100
111	M152A	X	-15.823	-15.823	0 %100
112	M152A	Z	-9.136	-9.136	0 %100
113	M154	X	-2.088	-2.088	0 %100
114	M154	Z	-1.205	-1.205	0 %100
115	M157	X	-8.351	-8.351	0 %100
116	M157	Z	-4.822	-4.822	0 %100
117	M166	X	-5.274	-5.274	0 %100
118	M166	Z	-3.045	-3.045	0 %100
119	M162A	X	-15.823	-15.823	0 %100
120	M162A	Z	-9.136	-9.136	0 %100
121	M163A	X	-5.274	-5.274	0 %100
122	M163A	Z	-3.045	-3.045	0 %100
123	M164A	X	-15.823	-15.823	0 %100
124	M164A	Z	-9.136	-9.136	0 %100
125	M165A	X	-5.274	-5.274	0 %100
126	M165A	Z	-3.045	-3.045	0 %100
127	M166A	X	-15.823	-15.823	0 %100
128	M166A	Z	-9.135	-9.135	0 %100
129	M167	X	-5.274	-5.274	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Locationft...	End Locationft...
130	M167	Z	-3.045	-3.045	0 %100
131	M168	X	0	0	0 %100
132	M168	Z	0	0	0 %100
133	M169	X	-21.098	-21.098	0 %100
134	M169	Z	-12.181	-12.181	0 %100
135	M170	X	0	0	0 %100
136	M170	Z	0	0	0 %100
137	M171	X	-21.098	-21.098	0 %100
138	M171	Z	-12.181	-12.181	0 %100
139	M172	X	-1.935	-1.935	0 %100
140	M172	Z	-1.117	-1.117	0 %100
141	M173	X	-1.935	-1.935	0 %100
142	M173	Z	-1.117	-1.117	0 %100
143	M174	X	-7.741	-7.741	0 %100
144	M174	Z	-4.469	-4.469	0 %100
145	M175	X	-2.088	-2.088	0 %100
146	M175	Z	-1.205	-1.205	0 %100
147	M176	X	-2.088	-2.088	0 %100
148	M176	Z	-1.205	-1.205	0 %100
149	M177	X	-8.351	-8.351	0 %100
150	M177	Z	-4.822	-4.822	0 %100
151	MP4A	X	-8.08	-8.08	0 %100
152	MP4A	Z	-4.665	-4.665	0 %100
153	MP1A	X	-8.08	-8.08	0 %100
154	MP1A	Z	-4.665	-4.665	0 %100
155	MP3A	X	-8.08	-8.08	0 %100
156	MP3A	Z	-4.665	-4.665	0 %100
157	MP2A	X	-8.08	-8.08	0 %100
158	MP2A	Z	-4.665	-4.665	0 %100
159	MP4C	X	-8.08	-8.08	0 %100
160	MP4C	Z	-4.665	-4.665	0 %100
161	MP1C	X	-8.08	-8.08	0 %100
162	MP1C	Z	-4.665	-4.665	0 %100
163	MP3C	X	-8.08	-8.08	0 %100
164	MP3C	Z	-4.665	-4.665	0 %100
165	MP2C	X	-8.08	-8.08	0 %100
166	MP2C	Z	-4.665	-4.665	0 %100
167	MP4B	X	-8.08	-8.08	0 %100
168	MP4B	Z	-4.665	-4.665	0 %100
169	MP1B	X	-8.08	-8.08	0 %100
170	MP1B	Z	-4.665	-4.665	0 %100
171	MP3B	X	-8.08	-8.08	0 %100
172	MP3B	Z	-4.665	-4.665	0 %100
173	MP2B	X	-8.08	-8.08	0 %100
174	MP2B	Z	-4.665	-4.665	0 %100
175	M203	X	-6.684	-6.684	0 %100
176	M203	Z	-3.859	-3.859	0 %100
177	M205	X	-6.684	-6.684	0 %100
178	M205	Z	-3.859	-3.859	0 %100
179	M208	X	-1.178	-1.178	0 %100
180	M208	Z	-.68	-.68	0 %100
181	M209	X	-1.178	-1.178	0 %100
182	M209	Z	-.68	-.68	0 %100
183	M210	X	-1.178	-1.178	0 %100
184	M210	Z	-.68	-.68	0 %100
185	M211	X	-1.178	-1.178	0 %100
186	M211	Z	-.68	-.68	0 %100



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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...End Location[ft...
187	M212	X	-1.178	-1.178	0 %100
188	M212	Z	-.68	-.68	0 %100
189	M213	X	-1.178	-1.178	0 %100
190	M213	Z	-.68	-.68	0 %100
191	M214	X	-1.178	-1.178	0 %100
192	M214	Z	-.68	-.68	0 %100
193	M215	X	-1.178	-1.178	0 %100
194	M215	Z	-.68	-.68	0 %100
195	M218	X	0	0	0 %100
196	M218	Z	0	0	0 %100
197	M219	X	0	0	0 %100
198	M219	Z	0	0	0 %100
199	M220	X	0	0	0 %100
200	M220	Z	0	0	0 %100
201	M221	X	0	0	0 %100
202	M221	Z	0	0	0 %100
203	M210B	X	-2.527	-2.527	0 %100
204	M210B	Z	-1.459	-1.459	0 %100
205	M215A	X	-2.527	-2.527	0 %100
206	M215A	Z	-1.459	-1.459	0 %100
207	M220B	X	-10.109	-10.109	0 %100
208	M220B	Z	-5.837	-5.837	0 %100
209	M221B	X	-2.945	-2.945	0 %100
210	M221B	Z	-1.7	-1.7	0 %100
211	M222A	X	-11.781	-11.781	0 %100
212	M222A	Z	-6.802	-6.802	0 %100
213	M223A	X	-2.945	-2.945	0 %100
214	M223A	Z	-1.7	-1.7	0 %100
215	M224	X	-10.583	-10.583	0 %100
216	M224	Z	-6.11	-6.11	0 %100
217	M225	X	-.786	-.786	0 %100
218	M225	Z	-.454	-.454	0 %100
219	M226	X	-.786	-.786	0 %100
220	M226	Z	-.454	-.454	0 %100
221	M227	X	-10.583	-10.583	0 %100
222	M227	Z	-6.11	-6.11	0 %100
223	M228	X	-11.739	-11.739	0 %100
224	M228	Z	-6.777	-6.777	0 %100
225	M229	X	-11.739	-11.739	0 %100
226	M229	Z	-6.777	-6.777	0 %100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...End Location[ft...
1	M1	X	-1.243	-1.243	0 %100
2	M1	Z	-2.152	-2.152	0 %100
3	M4	X	-3.059	-3.059	0 %100
4	M4	Z	-5.299	-5.299	0 %100
5	M5	X	-3.059	-3.059	0 %100
6	M5	Z	-5.299	-5.299	0 %100
7	M18	X	-3.327	-3.327	0 %100
8	M18	Z	-5.763	-5.763	0 %100
9	M19	X	-3.595	-3.595	0 %100
10	M19	Z	-6.227	-6.227	0 %100
11	M20	X	0	0	0 %100
12	M20	Z	0	0	0 %100
13	M21	X	-4.018	-4.018	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Locationft...	End Locationft...
14	M21	Z	-6.959	-6.959	0 %100
15	M22	X	-3.327	-3.327	0 %100
16	M22	Z	-5.763	-5.763	0 %100
17	M28	X	-8.149	-8.149	0 %100
18	M28	Z	-14.114	-14.114	0 %100
19	M29	X	0	0	0 %100
20	M29	Z	0	0	0 %100
21	M27A	X	-3.595	-3.595	0 %100
22	M27A	Z	-6.227	-6.227	0 %100
23	M28A	X	0	0	0 %100
24	M28A	Z	0	0	0 %100
25	M29A	X	-4.018	-4.018	0 %100
26	M29A	Z	-6.959	-6.959	0 %100
27	M44	X	-5.308	-5.308	0 %100
28	M44	Z	-9.194	-9.194	0 %100
29	M47	X	-7.416	-7.416	0 %100
30	M47	Z	-12.844	-12.844	0 %100
31	M48	X	-7.416	-7.416	0 %100
32	M48	Z	-12.844	-12.844	0 %100
33	M51	X	-4.487	-4.487	0 %100
34	M51	Z	-7.771	-7.771	0 %100
35	M52	X	-4.97	-4.97	0 %100
36	M52	Z	-8.609	-8.609	0 %100
37	M55	X	-12.237	-12.237	0 %100
38	M55	Z	-21.194	-21.194	0 %100
39	M56	X	-12.237	-12.237	0 %100
40	M56	Z	-21.194	-21.194	0 %100
41	M69	X	0	0	0 %100
42	M69	Z	0	0	0 %100
43	M70	X	-3.595	-3.595	0 %100
44	M70	Z	-6.227	-6.227	0 %100
45	M71	X	-3.595	-3.595	0 %100
46	M71	Z	-6.227	-6.227	0 %100
47	M72	X	0	0	0 %100
48	M72	Z	0	0	0 %100
49	M73	X	0	0	0 %100
50	M73	Z	0	0	0 %100
51	M76	X	-8.149	-8.149	0 %100
52	M76	Z	-14.114	-14.114	0 %100
53	M77	X	-8.149	-8.149	0 %100
54	M77	Z	-14.114	-14.114	0 %100
55	M78	X	-3.595	-3.595	0 %100
56	M78	Z	-6.227	-6.227	0 %100
57	M79	X	-3.595	-3.595	0 %100
58	M79	Z	-6.227	-6.227	0 %100
59	M80	X	0	0	0 %100
60	M80	Z	0	0	0 %100
61	M95	X	-16.241	-16.241	0 %100
62	M95	Z	-28.13	-28.13	0 %100
63	M98	X	-1.664	-1.664	0 %100
64	M98	Z	-2.881	-2.881	0 %100
65	M99	X	-1.664	-1.664	0 %100
66	M99	Z	-2.881	-2.881	0 %100
67	M102	X	0	0	0 %100
68	M102	Z	0	0	0 %100
69	M103	X	-1.243	-1.243	0 %100
70	M103	Z	-2.152	-2.152	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...End Location[ft...		
71	M106	X	-3.059	-3.059	0	%100
72	M106	Z	-5.299	-5.299	0	%100
73	M107	X	-3.059	-3.059	0	%100
74	M107	Z	-5.299	-5.299	0	%100
75	M120	X	-3.327	-3.327	0	%100
76	M120	Z	-5.763	-5.763	0	%100
77	M121	X	0	0	0	%100
78	M121	Z	0	0	0	%100
79	M122	X	-3.595	-3.595	0	%100
80	M122	Z	-6.227	-6.227	0	%100
81	M123	X	-4.018	-4.018	0	%100
82	M123	Z	-6.959	-6.959	0	%100
83	M124	X	-3.327	-3.327	0	%100
84	M124	Z	-5.763	-5.763	0	%100
85	M127	X	0	0	0	%100
86	M127	Z	0	0	0	%100
87	M128	X	-8.149	-8.149	0	%100
88	M128	Z	-14.114	-14.114	0	%100
89	M129	X	0	0	0	%100
90	M129	Z	0	0	0	%100
91	M130	X	-3.595	-3.595	0	%100
92	M130	Z	-6.227	-6.227	0	%100
93	M131	X	-4.018	-4.018	0	%100
94	M131	Z	-6.959	-6.959	0	%100
95	M146	X	-5.308	-5.308	0	%100
96	M146	Z	-9.194	-9.194	0	%100
97	M149	X	-12.597	-12.597	0	%100
98	M149	Z	-21.818	-21.818	0	%100
99	M150	X	-12.597	-12.597	0	%100
100	M150	Z	-21.818	-21.818	0	%100
101	M153	X	-4.487	-4.487	0	%100
102	M153	Z	-7.771	-7.771	0	%100
103	M148A	X	-9.4	-9.4	0	%100
104	M148A	Z	-16.281	-16.281	0	%100
105	M149A	X	0	0	0	%100
106	M149A	Z	0	0	0	%100
107	M150A	X	-9.4	-9.4	0	%100
108	M150A	Z	-16.281	-16.281	0	%100
109	M151A	X	-3.616	-3.616	0	%100
110	M151A	Z	-6.263	-6.263	0	%100
111	M152A	X	-3.045	-3.045	0	%100
112	M152A	Z	-5.274	-5.274	0	%100
113	M154	X	0	0	0	%100
114	M154	Z	0	0	0	%100
115	M157	X	-3.616	-3.616	0	%100
116	M157	Z	-6.263	-6.263	0	%100
117	M166	X	-9.136	-9.136	0	%100
118	M166	Z	-15.823	-15.823	0	%100
119	M162A	X	-3.045	-3.045	0	%100
120	M162A	Z	-5.274	-5.274	0	%100
121	M163A	X	-9.136	-9.136	0	%100
122	M163A	Z	-15.823	-15.823	0	%100
123	M164A	X	-12.181	-12.181	0	%100
124	M164A	Z	-21.098	-21.098	0	%100
125	M165A	X	0	0	0	%100
126	M165A	Z	0	0	0	%100
127	M166A	X	-12.181	-12.181	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Locationft...	End Locationft...
128	M166A	Z	-21.098	-21.098	0 %100
129	M167	X	0	0	0 %100
130	M167	Z	0	0	0 %100
131	M168	X	-3.045	-3.045	0 %100
132	M168	Z	-5.274	-5.274	0 %100
133	M169	X	-9.136	-9.136	0 %100
134	M169	Z	-15.823	-15.823	0 %100
135	M170	X	-3.045	-3.045	0 %100
136	M170	Z	-5.274	-5.274	0 %100
137	M171	X	-9.136	-9.136	0 %100
138	M171	Z	-15.823	-15.823	0 %100
139	M172	X	-3.352	-3.352	0 %100
140	M172	Z	-5.806	-5.806	0 %100
141	M173	X	0	0	0 %100
142	M173	Z	0	0	0 %100
143	M174	X	-3.352	-3.352	0 %100
144	M174	Z	-5.806	-5.806	0 %100
145	M175	X	-3.616	-3.616	0 %100
146	M175	Z	-6.263	-6.263	0 %100
147	M176	X	0	0	0 %100
148	M176	Z	0	0	0 %100
149	M177	X	-3.616	-3.616	0 %100
150	M177	Z	-6.263	-6.263	0 %100
151	MP4A	X	-4.353	-4.353	0 %100
152	MP4A	Z	-7.539	-7.539	0 %100
153	MP1A	X	-4.353	-4.353	0 %100
154	MP1A	Z	-7.539	-7.539	0 %100
155	MP3A	X	-4.353	-4.353	0 %100
156	MP3A	Z	-7.539	-7.539	0 %100
157	MP2A	X	-4.353	-4.353	0 %100
158	MP2A	Z	-7.539	-7.539	0 %100
159	MP4C	X	-4.353	-4.353	0 %100
160	MP4C	Z	-7.539	-7.539	0 %100
161	MP1C	X	-4.353	-4.353	0 %100
162	MP1C	Z	-7.539	-7.539	0 %100
163	MP3C	X	-4.353	-4.353	0 %100
164	MP3C	Z	-7.539	-7.539	0 %100
165	MP2C	X	-4.353	-4.353	0 %100
166	MP2C	Z	-7.539	-7.539	0 %100
167	MP4B	X	-4.353	-4.353	0 %100
168	MP4B	Z	-7.539	-7.539	0 %100
169	MP1B	X	-4.353	-4.353	0 %100
170	MP1B	Z	-7.539	-7.539	0 %100
171	MP3B	X	-4.353	-4.353	0 %100
172	MP3B	Z	-7.539	-7.539	0 %100
173	MP2B	X	-4.353	-4.353	0 %100
174	MP2B	Z	-7.539	-7.539	0 %100
175	M203	X	-3.691	-3.691	0 %100
176	M203	Z	-6.393	-6.393	0 %100
177	M205	X	-3.691	-3.691	0 %100
178	M205	Z	-6.393	-6.393	0 %100
179	M208	X	-.227	-.227	0 %100
180	M208	Z	-.393	-.393	0 %100
181	M209	X	-.227	-.227	0 %100
182	M209	Z	-.393	-.393	0 %100
183	M210	X	-.227	-.227	0 %100
184	M210	Z	-.393	-.393	0 %100



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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...End Location[ft...
185	M211	X	-0.227	-0.227	0 %100
186	M211	Z	-0.393	-0.393	0 %100
187	M212	X	-0.907	-0.907	0 %100
188	M212	Z	-1.571	-1.571	0 %100
189	M213	X	-0.907	-0.907	0 %100
190	M213	Z	-1.571	-1.571	0 %100
191	M214	X	-0.907	-0.907	0 %100
192	M214	Z	-1.571	-1.571	0 %100
193	M215	X	-0.907	-0.907	0 %100
194	M215	Z	-1.571	-1.571	0 %100
195	M218	X	-0.227	-0.227	0 %100
196	M218	Z	-0.393	-0.393	0 %100
197	M219	X	-0.227	-0.227	0 %100
198	M219	Z	-0.393	-0.393	0 %100
199	M220	X	-0.227	-0.227	0 %100
200	M220	Z	-0.393	-0.393	0 %100
201	M221	X	-0.227	-0.227	0 %100
202	M221	Z	-0.393	-0.393	0 %100
203	M210B	X	-4.377	-4.377	0 %100
204	M210B	Z	-7.582	-7.582	0 %100
205	M215A	X	0	0	0 %100
206	M215A	Z	0	0	0 %100
207	M220B	X	-4.377	-4.377	0 %100
208	M220B	Z	-7.582	-7.582	0 %100
209	M221B	X	0	0	0 %100
210	M221B	Z	0	0	0 %100
211	M222A	X	-5.101	-5.101	0 %100
212	M222A	Z	-8.836	-8.836	0 %100
213	M223A	X	-5.101	-5.101	0 %100
214	M223A	Z	-8.836	-8.836	0 %100
215	M224	X	-8.44	-8.44	0 %100
216	M224	Z	-14.619	-14.619	0 %100
217	M225	X	-2.784	-2.784	0 %100
218	M225	Z	-4.822	-4.822	0 %100
219	M226	X	-2.117	-2.117	0 %100
220	M226	Z	-3.666	-3.666	0 %100
221	M227	X	-2.117	-2.117	0 %100
222	M227	Z	-3.666	-3.666	0 %100
223	M228	X	-2.784	-2.784	0 %100
224	M228	Z	-4.822	-4.822	0 %100
225	M229	X	-8.44	-8.44	0 %100
226	M229	Z	-14.619	-14.619	0 %100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...End Location[ft...
1	M1	X	0	0	0 %100
2	M1	Z	0	0	0 %100
3	M4	X	0	0	0 %100
4	M4	Z	0	0	0 %100
5	M5	X	0	0	0 %100
6	M5	Z	0	0	0 %100
7	M18	X	0	0	0 %100
8	M18	Z	-3.076	-3.076	0 %100
9	M19	X	0	0	0 %100
10	M19	Z	-0.818	-0.818	0 %100
11	M20	X	0	0	0 %100



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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Locationft...	End Locationft...
12	M20	Z	-818	-818	0	%100
13	M21	X	0	0	0	%100
14	M21	Z	-3.609	-3.609	0	%100
15	M22	X	0	0	0	%100
16	M22	Z	-3.076	-3.076	0	%100
17	M28	X	0	0	0	%100
18	M28	Z	-1.387	-1.387	0	%100
19	M29	X	0	0	0	%100
20	M29	Z	-1.387	-1.387	0	%100
21	M27A	X	0	0	0	%100
22	M27A	Z	-818	-818	0	%100
23	M28A	X	0	0	0	%100
24	M28A	Z	-818	-818	0	%100
25	M29A	X	0	0	0	%100
26	M29A	Z	-3.609	-3.609	0	%100
27	M44	X	0	0	0	%100
28	M44	Z	-2.107	-2.107	0	%100
29	M47	X	0	0	0	%100
30	M47	Z	-1.874	-1.874	0	%100
31	M48	X	0	0	0	%100
32	M48	Z	-1.874	-1.874	0	%100
33	M51	X	0	0	0	%100
34	M51	Z	-4.36	-4.36	0	%100
35	M52	X	0	0	0	%100
36	M52	Z	-2.691	-2.691	0	%100
37	M55	X	0	0	0	%100
38	M55	Z	-4.731	-4.731	0	%100
39	M56	X	0	0	0	%100
40	M56	Z	-4.731	-4.731	0	%100
41	M69	X	0	0	0	%100
42	M69	Z	-769	-769	0	%100
43	M70	X	0	0	0	%100
44	M70	Z	-3.271	-3.271	0	%100
45	M71	X	0	0	0	%100
46	M71	Z	-818	-818	0	%100
47	M72	X	0	0	0	%100
48	M72	Z	-902	-902	0	%100
49	M73	X	0	0	0	%100
50	M73	Z	-769	-769	0	%100
51	M76	X	0	0	0	%100
52	M76	Z	-5.546	-5.546	0	%100
53	M77	X	0	0	0	%100
54	M77	Z	-1.387	-1.387	0	%100
55	M78	X	0	0	0	%100
56	M78	Z	-3.271	-3.271	0	%100
57	M79	X	0	0	0	%100
58	M79	Z	-818	-818	0	%100
59	M80	X	0	0	0	%100
60	M80	Z	-902	-902	0	%100
61	M95	X	0	0	0	%100
62	M95	Z	-6.033	-6.033	0	%100
63	M98	X	0	0	0	%100
64	M98	Z	-3.416	-3.416	0	%100
65	M99	X	0	0	0	%100
66	M99	Z	-3.416	-3.416	0	%100
67	M102	X	0	0	0	%100
68	M102	Z	-1.09	-1.09	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...]	End Location[ft...]	
69	M103	X	0	0	%100	
70	M103	Z	-2.691	-2.691	0	%100
71	M106	X	0	0	0	%100
72	M106	Z	-4.731	-4.731	0	%100
73	M107	X	0	0	0	%100
74	M107	Z	-4.731	-4.731	0	%100
75	M120	X	0	0	0	%100
76	M120	Z	-.769	-.769	0	%100
77	M121	X	0	0	0	%100
78	M121	Z	-.818	-.818	0	%100
79	M122	X	0	0	0	%100
80	M122	Z	-3.271	-3.271	0	%100
81	M123	X	0	0	0	%100
82	M123	Z	-.902	-.902	0	%100
83	M124	X	0	0	0	%100
84	M124	Z	-.769	-.769	0	%100
85	M127	X	0	0	0	%100
86	M127	Z	-1.387	-1.387	0	%100
87	M128	X	0	0	0	%100
88	M128	Z	-5.546	-5.546	0	%100
89	M129	X	0	0	0	%100
90	M129	Z	-.818	-.818	0	%100
91	M130	X	0	0	0	%100
92	M130	Z	-3.271	-3.271	0	%100
93	M131	X	0	0	0	%100
94	M131	Z	-.902	-.902	0	%100
95	M146	X	0	0	0	%100
96	M146	Z	-6.033	-6.033	0	%100
97	M149	X	0	0	0	%100
98	M149	Z	-3.416	-3.416	0	%100
99	M150	X	0	0	0	%100
100	M150	Z	-3.416	-3.416	0	%100
101	M153	X	0	0	0	%100
102	M153	Z	-1.09	-1.09	0	%100
103	M148A	X	0	0	0	%100
104	M148A	Z	-6.486	-6.486	0	%100
105	M149A	X	0	0	0	%100
106	M149A	Z	-1.621	-1.621	0	%100
107	M150A	X	0	0	0	%100
108	M150A	Z	-1.621	-1.621	0	%100
109	M151A	X	0	0	0	%100
110	M151A	Z	-3.916	-3.916	0	%100
111	M152A	X	0	0	0	%100
112	M152A	Z	0	0	0	%100
113	M154	X	0	0	0	%100
114	M154	Z	-.979	-.979	0	%100
115	M157	X	0	0	0	%100
116	M157	Z	-.979	-.979	0	%100
117	M166	X	0	0	0	%100
118	M166	Z	-5.838	-5.838	0	%100
119	M162A	X	0	0	0	%100
120	M162A	Z	0	0	0	%100
121	M163A	X	0	0	0	%100
122	M163A	Z	-5.838	-5.838	0	%100
123	M164A	X	0	0	0	%100
124	M164A	Z	-4.378	-4.378	0	%100
125	M165A	X	0	0	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Locationft...	End Locationft...
126	M165A	Z	-1.459	-1.459	0 %100
127	M166A	X	0	0	0 %100
128	M166A	Z	-4.378	-4.378	0 %100
129	M167	X	0	0	0 %100
130	M167	Z	-1.459	-1.459	0 %100
131	M168	X	0	0	0 %100
132	M168	Z	-4.378	-4.378	0 %100
133	M169	X	0	0	0 %100
134	M169	Z	-1.459	-1.459	0 %100
135	M170	X	0	0	0 %100
136	M170	Z	-4.378	-4.378	0 %100
137	M171	X	0	0	0 %100
138	M171	Z	-1.459	-1.459	0 %100
139	M172	X	0	0	0 %100
140	M172	Z	-3.627	-3.627	0 %100
141	M173	X	0	0	0 %100
142	M173	Z	-.907	-.907	0 %100
143	M174	X	0	0	0 %100
144	M174	Z	-.907	-.907	0 %100
145	M175	X	0	0	0 %100
146	M175	Z	-3.916	-3.916	0 %100
147	M176	X	0	0	0 %100
148	M176	Z	-.979	-.979	0 %100
149	M177	X	0	0	0 %100
150	M177	Z	-.979	-.979	0 %100
151	MP4A	X	0	0	0 %100
152	MP4A	Z	-3.826	-3.826	0 %100
153	MP1A	X	0	0	0 %100
154	MP1A	Z	-3.826	-3.826	0 %100
155	MP3A	X	0	0	0 %100
156	MP3A	Z	-3.826	-3.826	0 %100
157	MP2A	X	0	0	0 %100
158	MP2A	Z	-3.826	-3.826	0 %100
159	MP4C	X	0	0	0 %100
160	MP4C	Z	-3.826	-3.826	0 %100
161	MP1C	X	0	0	0 %100
162	MP1C	Z	-3.826	-3.826	0 %100
163	MP3C	X	0	0	0 %100
164	MP3C	Z	-3.826	-3.826	0 %100
165	MP2C	X	0	0	0 %100
166	MP2C	Z	-3.826	-3.826	0 %100
167	MP4B	X	0	0	0 %100
168	MP4B	Z	-3.826	-3.826	0 %100
169	MP1B	X	0	0	0 %100
170	MP1B	Z	-3.826	-3.826	0 %100
171	MP3B	X	0	0	0 %100
172	MP3B	Z	-3.826	-3.826	0 %100
173	MP2B	X	0	0	0 %100
174	MP2B	Z	-3.826	-3.826	0 %100
175	M203	X	0	0	0 %100
176	M203	Z	-3.129	-3.129	0 %100
177	M205	X	0	0	0 %100
178	M205	Z	-3.129	-3.129	0 %100
179	M208	X	0	0	0 %100
180	M208	Z	0	0	0 %100
181	M209	X	0	0	0 %100
182	M209	Z	0	0	0 %100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...End Location[ft...
183	M210	X	0	0	0 %100
184	M210	Z	0	0	0 %100
185	M211	X	0	0	0 %100
186	M211	Z	0	0	0 %100
187	M212	X	0	0	0 %100
188	M212	Z	-1.342	-1.342	0 %100
189	M213	X	0	0	0 %100
190	M213	Z	-1.342	-1.342	0 %100
191	M214	X	0	0	0 %100
192	M214	Z	-1.342	-1.342	0 %100
193	M215	X	0	0	0 %100
194	M215	Z	-1.342	-1.342	0 %100
195	M218	X	0	0	0 %100
196	M218	Z	-1.342	-1.342	0 %100
197	M219	X	0	0	0 %100
198	M219	Z	-1.342	-1.342	0 %100
199	M220	X	0	0	0 %100
200	M220	Z	-1.342	-1.342	0 %100
201	M221	X	0	0	0 %100
202	M221	Z	-1.342	-1.342	0 %100
203	M210B	X	0	0	0 %100
204	M210B	Z	-4.605	-4.605	0 %100
205	M215A	X	0	0	0 %100
206	M215A	Z	-1.151	-1.151	0 %100
207	M220B	X	0	0	0 %100
208	M220B	Z	-1.151	-1.151	0 %100
209	M221B	X	0	0	0 %100
210	M221B	Z	-1.005	-1.005	0 %100
211	M222A	X	0	0	0 %100
212	M222A	Z	-1.005	-1.005	0 %100
213	M223A	X	0	0	0 %100
214	M223A	Z	-4.019	-4.019	0 %100
215	M224	X	0	0	0 %100
216	M224	Z	-4.3	-4.3	0 %100
217	M225	X	0	0	0 %100
218	M225	Z	-4.3	-4.3	0 %100
219	M226	X	0	0	0 %100
220	M226	Z	-3.877	-3.877	0 %100
221	M227	X	0	0	0 %100
222	M227	Z	-288	-288	0 %100
223	M228	X	0	0	0 %100
224	M228	Z	-288	-288	0 %100
225	M229	X	0	0	0 %100
226	M229	Z	-3.877	-3.877	0 %100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...End Location[ft...
1	M1	X	.449	.449	0 %100
2	M1	Z	-.777	-.777	0 %100
3	M4	X	.789	.789	0 %100
4	M4	Z	-1.366	-1.366	0 %100
5	M5	X	.789	.789	0 %100
6	M5	Z	-1.366	-1.366	0 %100
7	M18	X	1.153	1.153	0 %100
8	M18	Z	-1.998	-1.998	0 %100
9	M19	X	0	0	0 %100



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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Locationft...	End Locationft...
10	M19	Z	0	0	0	%100
11	M20	X	1.227	1.227	0	%100
12	M20	Z	-2.125	-2.125	0	%100
13	M21	X	1.353	1.353	0	%100
14	M21	Z	-2.344	-2.344	0	%100
15	M22	X	1.153	1.153	0	%100
16	M22	Z	-1.998	-1.998	0	%100
17	M28	X	0	0	0	%100
18	M28	Z	0	0	0	%100
19	M29	X	2.08	2.08	0	%100
20	M29	Z	-3.602	-3.602	0	%100
21	M27A	X	0	0	0	%100
22	M27A	Z	0	0	0	%100
23	M28A	X	1.227	1.227	0	%100
24	M28A	Z	-2.125	-2.125	0	%100
25	M29A	X	1.353	1.353	0	%100
26	M29A	Z	-2.344	-2.344	0	%100
27	M44	X	1.708	1.708	0	%100
28	M44	Z	-2.958	-2.958	0	%100
29	M47	X	2.086	2.086	0	%100
30	M47	Z	-3.613	-3.613	0	%100
31	M48	X	2.086	2.086	0	%100
32	M48	Z	-3.613	-3.613	0	%100
33	M51	X	1.635	1.635	0	%100
34	M51	Z	-2.832	-2.832	0	%100
35	M52	X	.449	.449	0	%100
36	M52	Z	-.777	-.777	0	%100
37	M55	X	.789	.789	0	%100
38	M55	Z	-1.366	-1.366	0	%100
39	M56	X	.789	.789	0	%100
40	M56	Z	-1.366	-1.366	0	%100
41	M69	X	1.153	1.153	0	%100
42	M69	Z	-1.998	-1.998	0	%100
43	M70	X	1.227	1.227	0	%100
44	M70	Z	-2.125	-2.125	0	%100
45	M71	X	0	0	0	%100
46	M71	Z	0	0	0	%100
47	M72	X	1.353	1.353	0	%100
48	M72	Z	-2.344	-2.344	0	%100
49	M73	X	1.153	1.153	0	%100
50	M73	Z	-1.998	-1.998	0	%100
51	M76	X	2.08	2.08	0	%100
52	M76	Z	-3.602	-3.602	0	%100
53	M77	X	0	0	0	%100
54	M77	Z	0	0	0	%100
55	M78	X	1.227	1.227	0	%100
56	M78	Z	-2.125	-2.125	0	%100
57	M79	X	0	0	0	%100
58	M79	Z	0	0	0	%100
59	M80	X	1.353	1.353	0	%100
60	M80	Z	-2.344	-2.344	0	%100
61	M95	X	1.708	1.708	0	%100
62	M95	Z	-2.958	-2.958	0	%100
63	M98	X	3.016	3.016	0	%100
64	M98	Z	-5.225	-5.225	0	%100
65	M99	X	3.016	3.016	0	%100
66	M99	Z	-5.225	-5.225	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...]	End Location[ft...]
67	M102	X	1.635	1.635	0 %100
68	M102	Z	-2.832	-2.832	0 %100
69	M103	X	1.794	1.794	0 %100
70	M103	Z	-3.108	-3.108	0 %100
71	M106	X	3.154	3.154	0 %100
72	M106	Z	-5.463	-5.463	0 %100
73	M107	X	3.154	3.154	0 %100
74	M107	Z	-5.463	-5.463	0 %100
75	M120	X	0	0	0 %100
76	M120	Z	0	0	0 %100
77	M121	X	1.227	1.227	0 %100
78	M121	Z	-2.125	-2.125	0 %100
79	M122	X	1.227	1.227	0 %100
80	M122	Z	-2.125	-2.125	0 %100
81	M123	X	0	0	0 %100
82	M123	Z	0	0	0 %100
83	M124	X	0	0	0 %100
84	M124	Z	0	0	0 %100
85	M127	X	2.08	2.08	0 %100
86	M127	Z	-3.602	-3.602	0 %100
87	M128	X	2.08	2.08	0 %100
88	M128	Z	-3.602	-3.602	0 %100
89	M129	X	1.227	1.227	0 %100
90	M129	Z	-2.125	-2.125	0 %100
91	M130	X	1.227	1.227	0 %100
92	M130	Z	-2.125	-2.125	0 %100
93	M131	X	0	0	0 %100
94	M131	Z	0	0	0 %100
95	M146	X	3.671	3.671	0 %100
96	M146	Z	-6.358	-6.358	0 %100
97	M149	X	1.053	1.053	0 %100
98	M149	Z	-1.825	-1.825	0 %100
99	M150	X	1.053	1.053	0 %100
100	M150	Z	-1.825	-1.825	0 %100
101	M153	X	0	0	0 %100
102	M153	Z	0	0	0 %100
103	M148A	X	2.432	2.432	0 %100
104	M148A	Z	-4.213	-4.213	0 %100
105	M149A	X	2.432	2.432	0 %100
106	M149A	Z	-4.213	-4.213	0 %100
107	M150A	X	0	0	0 %100
108	M150A	Z	0	0	0 %100
109	M151A	X	1.468	1.468	0 %100
110	M151A	Z	-2.544	-2.544	0 %100
111	M152A	X	.73	.73	0 %100
112	M152A	Z	-1.264	-1.264	0 %100
113	M154	X	1.468	1.468	0 %100
114	M154	Z	-2.544	-2.544	0 %100
115	M157	X	0	0	0 %100
116	M157	Z	0	0	0 %100
117	M166	X	2.189	2.189	0 %100
118	M166	Z	-3.792	-3.792	0 %100
119	M162A	X	.73	.73	0 %100
120	M162A	Z	-1.264	-1.264	0 %100
121	M163A	X	2.189	2.189	0 %100
122	M163A	Z	-3.792	-3.792	0 %100
123	M164A	X	.73	.73	0 %100



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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Locationft...	End Locationft...
124	M164A	Z	-1.264	-1.264	0	%100
125	M165A	X	2.189	2.189	0	%100
126	M165A	Z	-3.792	-3.792	0	%100
127	M166A	X	.73	.73	0	%100
128	M166A	Z	-1.264	-1.264	0	%100
129	M167	X	2.189	2.189	0	%100
130	M167	Z	-3.792	-3.792	0	%100
131	M168	X	2.919	2.919	0	%100
132	M168	Z	-5.056	-5.056	0	%100
133	M169	X	0	0	0	%100
134	M169	Z	0	0	0	%100
135	M170	X	2.919	2.919	0	%100
136	M170	Z	-5.056	-5.056	0	%100
137	M171	X	0	0	0	%100
138	M171	Z	0	0	0	%100
139	M172	X	1.36	1.36	0	%100
140	M172	Z	-2.356	-2.356	0	%100
141	M173	X	1.36	1.36	0	%100
142	M173	Z	-2.356	-2.356	0	%100
143	M174	X	0	0	0	%100
144	M174	Z	0	0	0	%100
145	M175	X	1.468	1.468	0	%100
146	M175	Z	-2.544	-2.544	0	%100
147	M176	X	1.468	1.468	0	%100
148	M176	Z	-2.544	-2.544	0	%100
149	M177	X	0	0	0	%100
150	M177	Z	0	0	0	%100
151	MP4A	X	1.941	1.941	0	%100
152	MP4A	Z	-3.362	-3.362	0	%100
153	MP1A	X	1.941	1.941	0	%100
154	MP1A	Z	-3.362	-3.362	0	%100
155	MP3A	X	1.941	1.941	0	%100
156	MP3A	Z	-3.362	-3.362	0	%100
157	MP2A	X	1.941	1.941	0	%100
158	MP2A	Z	-3.362	-3.362	0	%100
159	MP4C	X	1.941	1.941	0	%100
160	MP4C	Z	-3.362	-3.362	0	%100
161	MP1C	X	1.941	1.941	0	%100
162	MP1C	Z	-3.362	-3.362	0	%100
163	MP3C	X	1.941	1.941	0	%100
164	MP3C	Z	-3.362	-3.362	0	%100
165	MP2C	X	1.941	1.941	0	%100
166	MP2C	Z	-3.362	-3.362	0	%100
167	MP4B	X	1.941	1.941	0	%100
168	MP4B	Z	-3.362	-3.362	0	%100
169	MP1B	X	1.941	1.941	0	%100
170	MP1B	Z	-3.362	-3.362	0	%100
171	MP3B	X	1.941	1.941	0	%100
172	MP3B	Z	-3.362	-3.362	0	%100
173	MP2B	X	1.941	1.941	0	%100
174	MP2B	Z	-3.362	-3.362	0	%100
175	M203	X	1.579	1.579	0	%100
176	M203	Z	-2.736	-2.736	0	%100
177	M205	X	1.579	1.579	0	%100
178	M205	Z	-2.736	-2.736	0	%100
179	M208	X	.224	.224	0	%100
180	M208	Z	-.387	-.387	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft.F,ksf]	End Magnitude[lb/ft.F,ksf]	Start Location[ft...End Location[ft...
181	M209	X	.224	.224	0 %100
182	M209	Z	-.387	-.387	0 %100
183	M210	X	.224	.224	0 %100
184	M210	Z	-.387	-.387	0 %100
185	M211	X	.224	.224	0 %100
186	M211	Z	-.387	-.387	0 %100
187	M212	X	.224	.224	0 %100
188	M212	Z	-.387	-.387	0 %100
189	M213	X	.224	.224	0 %100
190	M213	Z	-.387	-.387	0 %100
191	M214	X	.224	.224	0 %100
192	M214	Z	-.387	-.387	0 %100
193	M215	X	.224	.224	0 %100
194	M215	Z	-.387	-.387	0 %100
195	M218	X	.895	.895	0 %100
196	M218	Z	-1.55	-1.55	0 %100
197	M219	X	.895	.895	0 %100
198	M219	Z	-1.55	-1.55	0 %100
199	M220	X	.895	.895	0 %100
200	M220	Z	-1.55	-1.55	0 %100
201	M221	X	.895	.895	0 %100
202	M221	Z	-1.55	-1.55	0 %100
203	M210B	X	1.727	1.727	0 %100
204	M210B	Z	-2.991	-2.991	0 %100
205	M215A	X	1.727	1.727	0 %100
206	M215A	Z	-2.991	-2.991	0 %100
207	M220B	X	0	0	0 %100
208	M220B	Z	0	0	0 %100
209	M221B	X	1.507	1.507	0 %100
210	M221B	Z	-2.61	-2.61	0 %100
211	M222A	X	0	0	0 %100
212	M222A	Z	0	0	0 %100
213	M223A	X	1.507	1.507	0 %100
214	M223A	Z	-2.61	-2.61	0 %100
215	M224	X	.883	.883	0 %100
216	M224	Z	-1.53	-1.53	0 %100
217	M225	X	2.678	2.678	0 %100
218	M225	Z	-4.638	-4.638	0 %100
219	M226	X	2.678	2.678	0 %100
220	M226	Z	-4.638	-4.638	0 %100
221	M227	X	.883	.883	0 %100
222	M227	Z	-1.53	-1.53	0 %100
223	M228	X	.672	.672	0 %100
224	M228	Z	-1.163	-1.163	0 %100
225	M229	X	.672	.672	0 %100
226	M229	Z	-1.163	-1.163	0 %100

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

	Member Label	Direction	Start Magnitude[lb/ft.F,ksf]	End Magnitude[lb/ft.F,ksf]	Start Location[ft...End Location[ft...
1	M1	X	2.331	2.331	0 %100
2	M1	Z	-1.346	-1.346	0 %100
3	M4	X	4.098	4.098	0 %100
4	M4	Z	-2.366	-2.366	0 %100
5	M5	X	4.098	4.098	0 %100
6	M5	Z	-2.366	-2.366	0 %100
7	M18	X	.666	.666	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Locationft...	End Locationft...
8	M18	Z	-.384	-.384	0 %100
9	M19	X	.708	.708	0 %100
10	M19	Z	-.409	-.409	0 %100
11	M20	X	2.833	2.833	0 %100
12	M20	Z	-1.636	-1.636	0 %100
13	M21	X	.781	.781	0 %100
14	M21	Z	-.451	-.451	0 %100
15	M22	X	.666	.666	0 %100
16	M22	Z	-.384	-.384	0 %100
17	M28	X	1.201	1.201	0 %100
18	M28	Z	-.693	-.693	0 %100
19	M29	X	4.803	4.803	0 %100
20	M29	Z	-2.773	-2.773	0 %100
21	M27A	X	.708	.708	0 %100
22	M27A	Z	-.409	-.409	0 %100
23	M28A	X	2.833	2.833	0 %100
24	M28A	Z	-1.636	-1.636	0 %100
25	M29A	X	.781	.781	0 %100
26	M29A	Z	-.451	-.451	0 %100
27	M44	X	5.225	5.225	0 %100
28	M44	Z	-3.016	-3.016	0 %100
29	M47	X	7.594	7.594	0 %100
30	M47	Z	-4.385	-4.385	0 %100
31	M48	X	7.594	7.594	0 %100
32	M48	Z	-4.385	-4.385	0 %100
33	M51	X	.944	.944	0 %100
34	M51	Z	-.545	-.545	0 %100
35	M52	X	0	0	0 %100
36	M52	Z	0	0	0 %100
37	M55	X	0	0	0 %100
38	M55	Z	0	0	0 %100
39	M56	X	0	0	0 %100
40	M56	Z	0	0	0 %100
41	M69	X	2.664	2.664	0 %100
42	M69	Z	-1.538	-1.538	0 %100
43	M70	X	.708	.708	0 %100
44	M70	Z	-.409	-.409	0 %100
45	M71	X	.708	.708	0 %100
46	M71	Z	-.409	-.409	0 %100
47	M72	X	3.125	3.125	0 %100
48	M72	Z	-1.804	-1.804	0 %100
49	M73	X	2.664	2.664	0 %100
50	M73	Z	-1.538	-1.538	0 %100
51	M76	X	1.201	1.201	0 %100
52	M76	Z	-.693	-.693	0 %100
53	M77	X	1.201	1.201	0 %100
54	M77	Z	-.693	-.693	0 %100
55	M78	X	.708	.708	0 %100
56	M78	Z	-.409	-.409	0 %100
57	M79	X	.708	.708	0 %100
58	M79	Z	-.409	-.409	0 %100
59	M80	X	3.125	3.125	0 %100
60	M80	Z	-1.804	-1.804	0 %100
61	M95	X	1.825	1.825	0 %100
62	M95	Z	-1.053	-1.053	0 %100
63	M98	X	6.358	6.358	0 %100
64	M98	Z	-3.671	-3.671	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...End Location[ft...		
65	M99	X	6.358	6.358	0	%100
66	M99	Z	-3.671	-3.671	0	%100
67	M102	X	3.776	3.776	0	%100
68	M102	Z	-2.18	-2.18	0	%100
69	M103	X	2.331	2.331	0	%100
70	M103	Z	-1.346	-1.346	0	%100
71	M106	X	4.098	4.098	0	%100
72	M106	Z	-2.366	-2.366	0	%100
73	M107	X	4.098	4.098	0	%100
74	M107	Z	-2.366	-2.366	0	%100
75	M120	X	.666	.666	0	%100
76	M120	Z	-.384	-.384	0	%100
77	M121	X	2.833	2.833	0	%100
78	M121	Z	-1.636	-1.636	0	%100
79	M122	X	.708	.708	0	%100
80	M122	Z	-.409	-.409	0	%100
81	M123	X	.781	.781	0	%100
82	M123	Z	-.451	-.451	0	%100
83	M124	X	.666	.666	0	%100
84	M124	Z	-.384	-.384	0	%100
85	M127	X	4.803	4.803	0	%100
86	M127	Z	-2.773	-2.773	0	%100
87	M128	X	1.201	1.201	0	%100
88	M128	Z	-.693	-.693	0	%100
89	M129	X	2.833	2.833	0	%100
90	M129	Z	-1.636	-1.636	0	%100
91	M130	X	.708	.708	0	%100
92	M130	Z	-.409	-.409	0	%100
93	M131	X	.781	.781	0	%100
94	M131	Z	-.451	-.451	0	%100
95	M146	X	5.225	5.225	0	%100
96	M146	Z	-3.016	-3.016	0	%100
97	M149	X	2.958	2.958	0	%100
98	M149	Z	-1.708	-1.708	0	%100
99	M150	X	2.958	2.958	0	%100
100	M150	Z	-1.708	-1.708	0	%100
101	M153	X	.944	.944	0	%100
102	M153	Z	-.545	-.545	0	%100
103	M148A	X	1.404	1.404	0	%100
104	M148A	Z	-.811	-.811	0	%100
105	M149A	X	5.617	5.617	0	%100
106	M149A	Z	-3.243	-3.243	0	%100
107	M150A	X	1.404	1.404	0	%100
108	M150A	Z	-.811	-.811	0	%100
109	M151A	X	.848	.848	0	%100
110	M151A	Z	-.489	-.489	0	%100
111	M152A	X	3.792	3.792	0	%100
112	M152A	Z	-2.189	-2.189	0	%100
113	M154	X	3.391	3.391	0	%100
114	M154	Z	-1.958	-1.958	0	%100
115	M157	X	.848	.848	0	%100
116	M157	Z	-.489	-.489	0	%100
117	M166	X	1.264	1.264	0	%100
118	M166	Z	-.73	-.73	0	%100
119	M162A	X	3.792	3.792	0	%100
120	M162A	Z	-2.189	-2.189	0	%100
121	M163A	X	1.264	1.264	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Locationft...	End Locationft...	
122	M163A	Z	- .73	0	%100	
123	M164A	X	0	0	%100	
124	M164A	Z	0	0	%100	
125	M165A	X	5.056	5.056	0	%100
126	M165A	Z	-2.919	-2.919	0	%100
127	M166A	X	0	0	0	%100
128	M166A	Z	0	0	0	%100
129	M167	X	5.056	5.056	0	%100
130	M167	Z	-2.919	-2.919	0	%100
131	M168	X	3.792	3.792	0	%100
132	M168	Z	-2.189	-2.189	0	%100
133	M169	X	1.264	1.264	0	%100
134	M169	Z	- .73	- .73	0	%100
135	M170	X	3.792	3.792	0	%100
136	M170	Z	-2.189	-2.189	0	%100
137	M171	X	1.264	1.264	0	%100
138	M171	Z	- .73	- .73	0	%100
139	M172	X	.785	.785	0	%100
140	M172	Z	- .453	- .453	0	%100
141	M173	X	3.141	3.141	0	%100
142	M173	Z	-1.814	-1.814	0	%100
143	M174	X	.785	.785	0	%100
144	M174	Z	- .453	- .453	0	%100
145	M175	X	.848	.848	0	%100
146	M175	Z	- .489	- .489	0	%100
147	M176	X	3.391	3.391	0	%100
148	M176	Z	-1.958	-1.958	0	%100
149	M177	X	.848	.848	0	%100
150	M177	Z	- .489	- .489	0	%100
151	MP4A	X	3.46	3.46	0	%100
152	MP4A	Z	-1.997	-1.997	0	%100
153	MP1A	X	3.46	3.46	0	%100
154	MP1A	Z	-1.997	-1.997	0	%100
155	MP3A	X	3.46	3.46	0	%100
156	MP3A	Z	-1.997	-1.997	0	%100
157	MP2A	X	3.46	3.46	0	%100
158	MP2A	Z	-1.997	-1.997	0	%100
159	MP4C	X	3.46	3.46	0	%100
160	MP4C	Z	-1.997	-1.997	0	%100
161	MP1C	X	3.46	3.46	0	%100
162	MP1C	Z	-1.997	-1.997	0	%100
163	MP3C	X	3.46	3.46	0	%100
164	MP3C	Z	-1.997	-1.997	0	%100
165	MP2C	X	3.46	3.46	0	%100
166	MP2C	Z	-1.997	-1.997	0	%100
167	MP4B	X	3.46	3.46	0	%100
168	MP4B	Z	-1.997	-1.997	0	%100
169	MP1B	X	3.46	3.46	0	%100
170	MP1B	Z	-1.997	-1.997	0	%100
171	MP3B	X	3.46	3.46	0	%100
172	MP3B	Z	-1.997	-1.997	0	%100
173	MP2B	X	3.46	3.46	0	%100
174	MP2B	Z	-1.997	-1.997	0	%100
175	M203	X	2.788	2.788	0	%100
176	M203	Z	-1.61	-1.61	0	%100
177	M205	X	2.788	2.788	0	%100
178	M205	Z	-1.61	-1.61	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...]	End Location[ft...]
179	M208	X	1.162	1.162	0	%100
180	M208	Z	-671	-671	0	%100
181	M209	X	1.162	1.162	0	%100
182	M209	Z	-671	-671	0	%100
183	M210	X	1.162	1.162	0	%100
184	M210	Z	-671	-671	0	%100
185	M211	X	1.162	1.162	0	%100
186	M211	Z	-671	-671	0	%100
187	M212	X	0	0	0	%100
188	M212	Z	0	0	0	%100
189	M213	X	0	0	0	%100
190	M213	Z	0	0	0	%100
191	M214	X	0	0	0	%100
192	M214	Z	0	0	0	%100
193	M215	X	0	0	0	%100
194	M215	Z	0	0	0	%100
195	M218	X	1.162	1.162	0	%100
196	M218	Z	-671	-671	0	%100
197	M219	X	1.162	1.162	0	%100
198	M219	Z	-671	-671	0	%100
199	M220	X	1.162	1.162	0	%100
200	M220	Z	-671	-671	0	%100
201	M221	X	1.162	1.162	0	%100
202	M221	Z	-671	-671	0	%100
203	M210B	X	.997	.997	0	%100
204	M210B	Z	-576	-576	0	%100
205	M215A	X	3.988	3.988	0	%100
206	M215A	Z	-2.303	-2.303	0	%100
207	M220B	X	.997	.997	0	%100
208	M220B	Z	-576	-576	0	%100
209	M221B	X	3.481	3.481	0	%100
210	M221B	Z	-2.01	-2.01	0	%100
211	M222A	X	.87	.87	0	%100
212	M222A	Z	-502	-502	0	%100
213	M223A	X	.87	.87	0	%100
214	M223A	Z	-502	-502	0	%100
215	M224	X	.249	.249	0	%100
216	M224	Z	-.144	-.144	0	%100
217	M225	X	3.357	3.357	0	%100
218	M225	Z	-1.938	-1.938	0	%100
219	M226	X	3.724	3.724	0	%100
220	M226	Z	-2.15	-2.15	0	%100
221	M227	X	3.724	3.724	0	%100
222	M227	Z	-2.15	-2.15	0	%100
223	M228	X	3.357	3.357	0	%100
224	M228	Z	-1.938	-1.938	0	%100
225	M229	X	.249	.249	0	%100
226	M229	Z	-.144	-.144	0	%100

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...]	End Location[ft...]
1	M1	X	3.589	3.589	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	6.309	6.309	0	%100
4	M4	Z	0	0	0	%100
5	M5	X	6.309	6.309	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Locationft...	End Locationft...	
6	M5	Z	0	0	%100	
7	M18	X	0	0	%100	
8	M18	Z	0	0	%100	
9	M19	X	2.454	2.454	0	%100
10	M19	Z	0	0	%100	
11	M20	X	2.454	2.454	0	%100
12	M20	Z	0	0	%100	
13	M21	X	0	0	0	%100
14	M21	Z	0	0	0	%100
15	M22	X	0	0	0	%100
16	M22	Z	0	0	0	%100
17	M28	X	4.16	4.16	0	%100
18	M28	Z	0	0	0	%100
19	M29	X	4.16	4.16	0	%100
20	M29	Z	0	0	0	%100
21	M27A	X	2.454	2.454	0	%100
22	M27A	Z	0	0	0	%100
23	M28A	X	2.454	2.454	0	%100
24	M28A	Z	0	0	0	%100
25	M29A	X	0	0	0	%100
26	M29A	Z	0	0	0	%100
27	M44	X	7.342	7.342	0	%100
28	M44	Z	0	0	0	%100
29	M47	X	11.068	11.068	0	%100
30	M47	Z	0	0	0	%100
31	M48	X	11.068	11.068	0	%100
32	M48	Z	0	0	0	%100
33	M51	X	0	0	0	%100
34	M51	Z	0	0	0	%100
35	M52	X	.897	.897	0	%100
36	M52	Z	0	0	0	%100
37	M55	X	1.577	1.577	0	%100
38	M55	Z	0	0	0	%100
39	M56	X	1.577	1.577	0	%100
40	M56	Z	0	0	0	%100
41	M69	X	2.307	2.307	0	%100
42	M69	Z	0	0	0	%100
43	M70	X	0	0	0	%100
44	M70	Z	0	0	0	%100
45	M71	X	2.454	2.454	0	%100
46	M71	Z	0	0	0	%100
47	M72	X	2.707	2.707	0	%100
48	M72	Z	0	0	0	%100
49	M73	X	2.307	2.307	0	%100
50	M73	Z	0	0	0	%100
51	M76	X	0	0	0	%100
52	M76	Z	0	0	0	%100
53	M77	X	4.16	4.16	0	%100
54	M77	Z	0	0	0	%100
55	M78	X	0	0	0	%100
56	M78	Z	0	0	0	%100
57	M79	X	2.454	2.454	0	%100
58	M79	Z	0	0	0	%100
59	M80	X	2.707	2.707	0	%100
60	M80	Z	0	0	0	%100
61	M95	X	3.416	3.416	0	%100
62	M95	Z	0	0	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...]	End Location[ft...]
63	M98	X	6.033	6.033	0 %100
64	M98	Z	0	0	0 %100
65	M99	X	6.033	6.033	0 %100
66	M99	Z	0	0	0 %100
67	M102	X	3.27	3.27	0 %100
68	M102	Z	0	0	0 %100
69	M103	X	.897	.897	0 %100
70	M103	Z	0	0	0 %100
71	M106	X	1.577	1.577	0 %100
72	M106	Z	0	0	0 %100
73	M107	X	1.577	1.577	0 %100
74	M107	Z	0	0	0 %100
75	M120	X	2.307	2.307	0 %100
76	M120	Z	0	0	0 %100
77	M121	X	2.454	2.454	0 %100
78	M121	Z	0	0	0 %100
79	M122	X	0	0	0 %100
80	M122	Z	0	0	0 %100
81	M123	X	2.707	2.707	0 %100
82	M123	Z	0	0	0 %100
83	M124	X	2.307	2.307	0 %100
84	M124	Z	0	0	0 %100
85	M127	X	4.16	4.16	0 %100
86	M127	Z	0	0	0 %100
87	M128	X	0	0	0 %100
88	M128	Z	0	0	0 %100
89	M129	X	2.454	2.454	0 %100
90	M129	Z	0	0	0 %100
91	M130	X	0	0	0 %100
92	M130	Z	0	0	0 %100
93	M131	X	2.707	2.707	0 %100
94	M131	Z	0	0	0 %100
95	M146	X	3.416	3.416	0 %100
96	M146	Z	0	0	0 %100
97	M149	X	6.033	6.033	0 %100
98	M149	Z	0	0	0 %100
99	M150	X	6.033	6.033	0 %100
100	M150	Z	0	0	0 %100
101	M153	X	3.27	3.27	0 %100
102	M153	Z	0	0	0 %100
103	M148A	X	0	0	0 %100
104	M148A	Z	0	0	0 %100
105	M149A	X	4.864	4.864	0 %100
106	M149A	Z	0	0	0 %100
107	M150A	X	4.864	4.864	0 %100
108	M150A	Z	0	0	0 %100
109	M151A	X	0	0	0 %100
110	M151A	Z	0	0	0 %100
111	M152A	X	5.838	5.838	0 %100
112	M152A	Z	0	0	0 %100
113	M154	X	2.937	2.937	0 %100
114	M154	Z	0	0	0 %100
115	M157	X	2.937	2.937	0 %100
116	M157	Z	0	0	0 %100
117	M166	X	0	0	0 %100
118	M166	Z	0	0	0 %100
119	M162A	X	5.838	5.838	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Locationft...	End Locationft...	
120	M162A	Z	0	0	%100	
121	M163A	X	0	0	%100	
122	M163A	Z	0	0	%100	
123	M164A	X	1.459	1.459	0	%100
124	M164A	Z	0	0	%100	
125	M165A	X	4.378	4.378	0	%100
126	M165A	Z	0	0	%100	
127	M166A	X	1.459	1.459	0	%100
128	M166A	Z	0	0	%100	
129	M167	X	4.378	4.378	0	%100
130	M167	Z	0	0	%100	
131	M168	X	1.459	1.459	0	%100
132	M168	Z	0	0	%100	
133	M169	X	4.378	4.378	0	%100
134	M169	Z	0	0	%100	
135	M170	X	1.459	1.459	0	%100
136	M170	Z	0	0	%100	
137	M171	X	4.378	4.378	0	%100
138	M171	Z	0	0	%100	
139	M172	X	0	0	%100	
140	M172	Z	0	0	%100	
141	M173	X	2.721	2.721	0	%100
142	M173	Z	0	0	%100	
143	M174	X	2.721	2.721	0	%100
144	M174	Z	0	0	%100	
145	M175	X	0	0	%100	
146	M175	Z	0	0	%100	
147	M176	X	2.937	2.937	0	%100
148	M176	Z	0	0	%100	
149	M177	X	2.937	2.937	0	%100
150	M177	Z	0	0	%100	
151	MP4A	X	4.051	4.051	0	%100
152	MP4A	Z	0	0	%100	
153	MP1A	X	4.051	4.051	0	%100
154	MP1A	Z	0	0	%100	
155	MP3A	X	4.051	4.051	0	%100
156	MP3A	Z	0	0	%100	
157	MP2A	X	4.051	4.051	0	%100
158	MP2A	Z	0	0	%100	
159	MP4C	X	4.051	4.051	0	%100
160	MP4C	Z	0	0	%100	
161	MP1C	X	4.051	4.051	0	%100
162	MP1C	Z	0	0	%100	
163	MP3C	X	4.051	4.051	0	%100
164	MP3C	Z	0	0	%100	
165	MP2C	X	4.051	4.051	0	%100
166	MP2C	Z	0	0	%100	
167	MP4B	X	4.051	4.051	0	%100
168	MP4B	Z	0	0	%100	
169	MP1B	X	4.051	4.051	0	%100
170	MP1B	Z	0	0	%100	
171	MP3B	X	4.051	4.051	0	%100
172	MP3B	Z	0	0	%100	
173	MP2B	X	4.051	4.051	0	%100
174	MP2B	Z	0	0	%100	
175	M203	X	3.249	3.249	0	%100
176	M203	Z	0	0	%100	



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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...End Location[ft...		
177	M205	X	3.249	3.249	0	%100
178	M205	Z	0	0	0	%100
179	M208	X	1.789	1.789	0	%100
180	M208	Z	0	0	0	%100
181	M209	X	1.789	1.789	0	%100
182	M209	Z	0	0	0	%100
183	M210	X	1.789	1.789	0	%100
184	M210	Z	0	0	0	%100
185	M211	X	1.789	1.789	0	%100
186	M211	Z	0	0	0	%100
187	M212	X	.447	.447	0	%100
188	M212	Z	0	0	0	%100
189	M213	X	.447	.447	0	%100
190	M213	Z	0	0	0	%100
191	M214	X	.447	.447	0	%100
192	M214	Z	0	0	0	%100
193	M215	X	.447	.447	0	%100
194	M215	Z	0	0	0	%100
195	M218	X	.447	.447	0	%100
196	M218	Z	0	0	0	%100
197	M219	X	.447	.447	0	%100
198	M219	Z	0	0	0	%100
199	M220	X	.447	.447	0	%100
200	M220	Z	0	0	0	%100
201	M221	X	.447	.447	0	%100
202	M221	Z	0	0	0	%100
203	M210B	X	0	0	0	%100
204	M210B	Z	0	0	0	%100
205	M215A	X	3.454	3.454	0	%100
206	M215A	Z	0	0	0	%100
207	M220B	X	3.454	3.454	0	%100
208	M220B	Z	0	0	0	%100
209	M221B	X	3.014	3.014	0	%100
210	M221B	Z	0	0	0	%100
211	M222A	X	3.014	3.014	0	%100
212	M222A	Z	0	0	0	%100
213	M223A	X	0	0	0	%100
214	M223A	Z	0	0	0	%100
215	M224	X	1.343	1.343	0	%100
216	M224	Z	0	0	0	%100
217	M225	X	1.343	1.343	0	%100
218	M225	Z	0	0	0	%100
219	M226	X	1.766	1.766	0	%100
220	M226	Z	0	0	0	%100
221	M227	X	5.356	5.356	0	%100
222	M227	Z	0	0	0	%100
223	M228	X	5.356	5.356	0	%100
224	M228	Z	0	0	0	%100
225	M229	X	1.766	1.766	0	%100
226	M229	Z	0	0	0	%100

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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...End Location[ft...		
1	M1	X	2.331	2.331	0	%100
2	M1	Z	1.346	1.346	0	%100
3	M4	X	4.098	4.098	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Locationft...	End Locationft...
4	M4	Z	2.366	2.366	0 %100
5	M5	X	4.098	4.098	0 %100
6	M5	Z	2.366	2.366	0 %100
7	M18	X	.666	.666	0 %100
8	M18	Z	.384	.384	0 %100
9	M19	X	2.833	2.833	0 %100
10	M19	Z	1.636	1.636	0 %100
11	M20	X	.708	.708	0 %100
12	M20	Z	.409	.409	0 %100
13	M21	X	.781	.781	0 %100
14	M21	Z	.451	.451	0 %100
15	M22	X	.666	.666	0 %100
16	M22	Z	.384	.384	0 %100
17	M28	X	4.803	4.803	0 %100
18	M28	Z	2.773	2.773	0 %100
19	M29	X	1.201	1.201	0 %100
20	M29	Z	.693	.693	0 %100
21	M27A	X	2.833	2.833	0 %100
22	M27A	Z	1.636	1.636	0 %100
23	M28A	X	.708	.708	0 %100
24	M28A	Z	.409	.409	0 %100
25	M29A	X	.781	.781	0 %100
26	M29A	Z	.451	.451	0 %100
27	M44	X	5.225	5.225	0 %100
28	M44	Z	3.016	3.016	0 %100
29	M47	X	7.594	7.594	0 %100
30	M47	Z	4.385	4.385	0 %100
31	M48	X	7.594	7.594	0 %100
32	M48	Z	4.385	4.385	0 %100
33	M51	X	.944	.944	0 %100
34	M51	Z	.545	.545	0 %100
35	M52	X	2.331	2.331	0 %100
36	M52	Z	1.346	1.346	0 %100
37	M55	X	4.098	4.098	0 %100
38	M55	Z	2.366	2.366	0 %100
39	M56	X	4.098	4.098	0 %100
40	M56	Z	2.366	2.366	0 %100
41	M69	X	.666	.666	0 %100
42	M69	Z	.384	.384	0 %100
43	M70	X	.708	.708	0 %100
44	M70	Z	.409	.409	0 %100
45	M71	X	2.833	2.833	0 %100
46	M71	Z	1.636	1.636	0 %100
47	M72	X	.781	.781	0 %100
48	M72	Z	.451	.451	0 %100
49	M73	X	.666	.666	0 %100
50	M73	Z	.384	.384	0 %100
51	M76	X	1.201	1.201	0 %100
52	M76	Z	.693	.693	0 %100
53	M77	X	4.803	4.803	0 %100
54	M77	Z	2.773	2.773	0 %100
55	M78	X	.708	.708	0 %100
56	M78	Z	.409	.409	0 %100
57	M79	X	2.833	2.833	0 %100
58	M79	Z	1.636	1.636	0 %100
59	M80	X	.781	.781	0 %100
60	M80	Z	.451	.451	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...]	End Location[ft...]
61	M95	X	5.225	5.225	0 %100
62	M95	Z	3.016	3.016	0 %100
63	M98	X	2.958	2.958	0 %100
64	M98	Z	1.708	1.708	0 %100
65	M99	X	2.958	2.958	0 %100
66	M99	Z	1.708	1.708	0 %100
67	M102	X	.944	.944	0 %100
68	M102	Z	.545	.545	0 %100
69	M103	X	0	0	0 %100
70	M103	Z	0	0	0 %100
71	M106	X	0	0	0 %100
72	M106	Z	0	0	0 %100
73	M107	X	0	0	0 %100
74	M107	Z	0	0	0 %100
75	M120	X	2.664	2.664	0 %100
76	M120	Z	1.538	1.538	0 %100
77	M121	X	.708	.708	0 %100
78	M121	Z	.409	.409	0 %100
79	M122	X	.708	.708	0 %100
80	M122	Z	.409	.409	0 %100
81	M123	X	3.125	3.125	0 %100
82	M123	Z	1.804	1.804	0 %100
83	M124	X	2.664	2.664	0 %100
84	M124	Z	1.538	1.538	0 %100
85	M127	X	1.201	1.201	0 %100
86	M127	Z	.693	.693	0 %100
87	M128	X	1.201	1.201	0 %100
88	M128	Z	.693	.693	0 %100
89	M129	X	.708	.708	0 %100
90	M129	Z	.409	.409	0 %100
91	M130	X	.708	.708	0 %100
92	M130	Z	.409	.409	0 %100
93	M131	X	3.125	3.125	0 %100
94	M131	Z	1.804	1.804	0 %100
95	M146	X	1.825	1.825	0 %100
96	M146	Z	1.053	1.053	0 %100
97	M149	X	6.358	6.358	0 %100
98	M149	Z	3.671	3.671	0 %100
99	M150	X	6.358	6.358	0 %100
100	M150	Z	3.671	3.671	0 %100
101	M153	X	3.776	3.776	0 %100
102	M153	Z	2.18	2.18	0 %100
103	M148A	X	1.404	1.404	0 %100
104	M148A	Z	.811	.811	0 %100
105	M149A	X	1.404	1.404	0 %100
106	M149A	Z	.811	.811	0 %100
107	M150A	X	5.617	5.617	0 %100
108	M150A	Z	3.243	3.243	0 %100
109	M151A	X	.848	.848	0 %100
110	M151A	Z	.489	.489	0 %100
111	M152A	X	3.792	3.792	0 %100
112	M152A	Z	2.189	2.189	0 %100
113	M154	X	.848	.848	0 %100
114	M154	Z	.489	.489	0 %100
115	M157	X	3.391	3.391	0 %100
116	M157	Z	1.958	1.958	0 %100
117	M166	X	1.264	1.264	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Locationft...	End Locationft...
118	M166	Z	.73	.73	0 %100
119	M162A	X	3.792	3.792	0 %100
120	M162A	Z	2.189	2.189	0 %100
121	M163A	X	1.264	1.264	0 %100
122	M163A	Z	.73	.73	0 %100
123	M164A	X	3.792	3.792	0 %100
124	M164A	Z	2.189	2.189	0 %100
125	M165A	X	1.264	1.264	0 %100
126	M165A	Z	.73	.73	0 %100
127	M166A	X	3.792	3.792	0 %100
128	M166A	Z	2.189	2.189	0 %100
129	M167	X	1.264	1.264	0 %100
130	M167	Z	.73	.73	0 %100
131	M168	X	0	0	0 %100
132	M168	Z	0	0	0 %100
133	M169	X	5.056	5.056	0 %100
134	M169	Z	2.919	2.919	0 %100
135	M170	X	0	0	0 %100
136	M170	Z	0	0	0 %100
137	M171	X	5.056	5.056	0 %100
138	M171	Z	2.919	2.919	0 %100
139	M172	X	.785	.785	0 %100
140	M172	Z	.453	.453	0 %100
141	M173	X	.785	.785	0 %100
142	M173	Z	.453	.453	0 %100
143	M174	X	3.141	3.141	0 %100
144	M174	Z	1.814	1.814	0 %100
145	M175	X	.848	.848	0 %100
146	M175	Z	.489	.489	0 %100
147	M176	X	.848	.848	0 %100
148	M176	Z	.489	.489	0 %100
149	M177	X	3.391	3.391	0 %100
150	M177	Z	1.958	1.958	0 %100
151	MP4A	X	3.46	3.46	0 %100
152	MP4A	Z	1.997	1.997	0 %100
153	MP1A	X	3.46	3.46	0 %100
154	MP1A	Z	1.997	1.997	0 %100
155	MP3A	X	3.46	3.46	0 %100
156	MP3A	Z	1.997	1.997	0 %100
157	MP2A	X	3.46	3.46	0 %100
158	MP2A	Z	1.997	1.997	0 %100
159	MP4C	X	3.46	3.46	0 %100
160	MP4C	Z	1.997	1.997	0 %100
161	MP1C	X	3.46	3.46	0 %100
162	MP1C	Z	1.997	1.997	0 %100
163	MP3C	X	3.46	3.46	0 %100
164	MP3C	Z	1.997	1.997	0 %100
165	MP2C	X	3.46	3.46	0 %100
166	MP2C	Z	1.997	1.997	0 %100
167	MP4B	X	3.46	3.46	0 %100
168	MP4B	Z	1.997	1.997	0 %100
169	MP1B	X	3.46	3.46	0 %100
170	MP1B	Z	1.997	1.997	0 %100
171	MP3B	X	3.46	3.46	0 %100
172	MP3B	Z	1.997	1.997	0 %100
173	MP2B	X	3.46	3.46	0 %100
174	MP2B	Z	1.997	1.997	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...End Location[ft...
175	M203	X	2.788	2.788 0 %100
176	M203	Z	1.61	1.61 0 %100
177	M205	X	2.788	2.788 0 %100
178	M205	Z	1.61	1.61 0 %100
179	M208	X	1.162	1.162 0 %100
180	M208	Z	.671	.671 0 %100
181	M209	X	1.162	1.162 0 %100
182	M209	Z	.671	.671 0 %100
183	M210	X	1.162	1.162 0 %100
184	M210	Z	.671	.671 0 %100
185	M211	X	1.162	1.162 0 %100
186	M211	Z	.671	.671 0 %100
187	M212	X	1.162	1.162 0 %100
188	M212	Z	.671	.671 0 %100
189	M213	X	1.162	1.162 0 %100
190	M213	Z	.671	.671 0 %100
191	M214	X	1.162	1.162 0 %100
192	M214	Z	.671	.671 0 %100
193	M215	X	1.162	1.162 0 %100
194	M215	Z	.671	.671 0 %100
195	M218	X	0	0 0 %100
196	M218	Z	0	0 0 %100
197	M219	X	0	0 0 %100
198	M219	Z	0	0 0 %100
199	M220	X	0	0 0 %100
200	M220	Z	0	0 0 %100
201	M221	X	0	0 0 %100
202	M221	Z	0	0 0 %100
203	M210B	X	.997	.997 0 %100
204	M210B	Z	.576	.576 0 %100
205	M215A	X	.997	.997 0 %100
206	M215A	Z	.576	.576 0 %100
207	M220B	X	3.988	3.988 0 %100
208	M220B	Z	2.303	2.303 0 %100
209	M221B	X	.87	.87 0 %100
210	M221B	Z	.502	.502 0 %100
211	M222A	X	3.481	3.481 0 %100
212	M222A	Z	2.01	2.01 0 %100
213	M223A	X	.87	.87 0 %100
214	M223A	Z	.502	.502 0 %100
215	M224	X	3.357	3.357 0 %100
216	M224	Z	1.938	1.938 0 %100
217	M225	X	.249	.249 0 %100
218	M225	Z	.144	.144 0 %100
219	M226	X	.249	.249 0 %100
220	M226	Z	.144	.144 0 %100
221	M227	X	3.357	3.357 0 %100
222	M227	Z	1.938	1.938 0 %100
223	M228	X	3.724	3.724 0 %100
224	M228	Z	2.15	2.15 0 %100
225	M229	X	3.724	3.724 0 %100
226	M229	Z	2.15	2.15 0 %100

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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...End Location[ft...
1	M1	X	.449	.449 0 %100



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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Locationft...	End Locationft...
2	M1	Z	.777	.777	0	%100
3	M4	X	.789	.789	0	%100
4	M4	Z	1.366	1.366	0	%100
5	M5	X	.789	.789	0	%100
6	M5	Z	1.366	1.366	0	%100
7	M18	X	1.153	1.153	0	%100
8	M18	Z	1.998	1.998	0	%100
9	M19	X	1.227	1.227	0	%100
10	M19	Z	2.125	2.125	0	%100
11	M20	X	0	0	0	%100
12	M20	Z	0	0	0	%100
13	M21	X	1.353	1.353	0	%100
14	M21	Z	2.344	2.344	0	%100
15	M22	X	1.153	1.153	0	%100
16	M22	Z	1.998	1.998	0	%100
17	M28	X	2.08	2.08	0	%100
18	M28	Z	3.602	3.602	0	%100
19	M29	X	0	0	0	%100
20	M29	Z	0	0	0	%100
21	M27A	X	1.227	1.227	0	%100
22	M27A	Z	2.125	2.125	0	%100
23	M28A	X	0	0	0	%100
24	M28A	Z	0	0	0	%100
25	M29A	X	1.353	1.353	0	%100
26	M29A	Z	2.344	2.344	0	%100
27	M44	X	1.708	1.708	0	%100
28	M44	Z	2.958	2.958	0	%100
29	M47	X	2.086	2.086	0	%100
30	M47	Z	3.613	3.613	0	%100
31	M48	X	2.086	2.086	0	%100
32	M48	Z	3.613	3.613	0	%100
33	M51	X	1.635	1.635	0	%100
34	M51	Z	2.832	2.832	0	%100
35	M52	X	1.794	1.794	0	%100
36	M52	Z	3.108	3.108	0	%100
37	M55	X	3.154	3.154	0	%100
38	M55	Z	5.463	5.463	0	%100
39	M56	X	3.154	3.154	0	%100
40	M56	Z	5.463	5.463	0	%100
41	M69	X	0	0	0	%100
42	M69	Z	0	0	0	%100
43	M70	X	1.227	1.227	0	%100
44	M70	Z	2.125	2.125	0	%100
45	M71	X	1.227	1.227	0	%100
46	M71	Z	2.125	2.125	0	%100
47	M72	X	0	0	0	%100
48	M72	Z	0	0	0	%100
49	M73	X	0	0	0	%100
50	M73	Z	0	0	0	%100
51	M76	X	2.08	2.08	0	%100
52	M76	Z	3.602	3.602	0	%100
53	M77	X	2.08	2.08	0	%100
54	M77	Z	3.602	3.602	0	%100
55	M78	X	1.227	1.227	0	%100
56	M78	Z	2.125	2.125	0	%100
57	M79	X	1.227	1.227	0	%100
58	M79	Z	2.125	2.125	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...End Location[ft...		
59	M80	X	0	0	%100	
60	M80	Z	0	0	%100	
61	M95	X	3.671	3.671	0	%100
62	M95	Z	6.358	6.358	0	%100
63	M98	X	1.053	1.053	0	%100
64	M98	Z	1.825	1.825	0	%100
65	M99	X	1.053	1.053	0	%100
66	M99	Z	1.825	1.825	0	%100
67	M102	X	0	0	0	%100
68	M102	Z	0	0	0	%100
69	M103	X	.449	.449	0	%100
70	M103	Z	.777	.777	0	%100
71	M106	X	.789	.789	0	%100
72	M106	Z	1.366	1.366	0	%100
73	M107	X	.789	.789	0	%100
74	M107	Z	1.366	1.366	0	%100
75	M120	X	1.153	1.153	0	%100
76	M120	Z	1.998	1.998	0	%100
77	M121	X	0	0	0	%100
78	M121	Z	0	0	0	%100
79	M122	X	1.227	1.227	0	%100
80	M122	Z	2.125	2.125	0	%100
81	M123	X	1.353	1.353	0	%100
82	M123	Z	2.344	2.344	0	%100
83	M124	X	1.153	1.153	0	%100
84	M124	Z	1.998	1.998	0	%100
85	M127	X	0	0	0	%100
86	M127	Z	0	0	0	%100
87	M128	X	2.08	2.08	0	%100
88	M128	Z	3.602	3.602	0	%100
89	M129	X	0	0	0	%100
90	M129	Z	0	0	0	%100
91	M130	X	1.227	1.227	0	%100
92	M130	Z	2.125	2.125	0	%100
93	M131	X	1.353	1.353	0	%100
94	M131	Z	2.344	2.344	0	%100
95	M146	X	1.708	1.708	0	%100
96	M146	Z	2.958	2.958	0	%100
97	M149	X	3.016	3.016	0	%100
98	M149	Z	5.225	5.225	0	%100
99	M150	X	3.016	3.016	0	%100
100	M150	Z	5.225	5.225	0	%100
101	M153	X	1.635	1.635	0	%100
102	M153	Z	2.832	2.832	0	%100
103	M148A	X	2.432	2.432	0	%100
104	M148A	Z	4.213	4.213	0	%100
105	M149A	X	0	0	0	%100
106	M149A	Z	0	0	0	%100
107	M150A	X	2.432	2.432	0	%100
108	M150A	Z	4.213	4.213	0	%100
109	M151A	X	1.468	1.468	0	%100
110	M151A	Z	2.544	2.544	0	%100
111	M152A	X	.73	.73	0	%100
112	M152A	Z	1.264	1.264	0	%100
113	M154	X	0	0	0	%100
114	M154	Z	0	0	0	%100
115	M157	X	1.468	1.468	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Locationft...	End Locationft...
116	M157	Z	2.544	2.544	0	%100
117	M166	X	2.189	2.189	0	%100
118	M166	Z	3.792	3.792	0	%100
119	M162A	X	.73	.73	0	%100
120	M162A	Z	1.264	1.264	0	%100
121	M163A	X	2.189	2.189	0	%100
122	M163A	Z	3.792	3.792	0	%100
123	M164A	X	2.919	2.919	0	%100
124	M164A	Z	5.056	5.056	0	%100
125	M165A	X	0	0	0	%100
126	M165A	Z	0	0	0	%100
127	M166A	X	2.919	2.919	0	%100
128	M166A	Z	5.056	5.056	0	%100
129	M167	X	0	0	0	%100
130	M167	Z	0	0	0	%100
131	M168	X	.73	.73	0	%100
132	M168	Z	1.264	1.264	0	%100
133	M169	X	2.189	2.189	0	%100
134	M169	Z	3.792	3.792	0	%100
135	M170	X	.73	.73	0	%100
136	M170	Z	1.264	1.264	0	%100
137	M171	X	2.189	2.189	0	%100
138	M171	Z	3.792	3.792	0	%100
139	M172	X	1.36	1.36	0	%100
140	M172	Z	2.356	2.356	0	%100
141	M173	X	0	0	0	%100
142	M173	Z	0	0	0	%100
143	M174	X	1.36	1.36	0	%100
144	M174	Z	2.356	2.356	0	%100
145	M175	X	1.468	1.468	0	%100
146	M175	Z	2.544	2.544	0	%100
147	M176	X	0	0	0	%100
148	M176	Z	0	0	0	%100
149	M177	X	1.468	1.468	0	%100
150	M177	Z	2.544	2.544	0	%100
151	MP4A	X	1.941	1.941	0	%100
152	MP4A	Z	3.362	3.362	0	%100
153	MP1A	X	1.941	1.941	0	%100
154	MP1A	Z	3.362	3.362	0	%100
155	MP3A	X	1.941	1.941	0	%100
156	MP3A	Z	3.362	3.362	0	%100
157	MP2A	X	1.941	1.941	0	%100
158	MP2A	Z	3.362	3.362	0	%100
159	MP4C	X	1.941	1.941	0	%100
160	MP4C	Z	3.362	3.362	0	%100
161	MP1C	X	1.941	1.941	0	%100
162	MP1C	Z	3.362	3.362	0	%100
163	MP3C	X	1.941	1.941	0	%100
164	MP3C	Z	3.362	3.362	0	%100
165	MP2C	X	1.941	1.941	0	%100
166	MP2C	Z	3.362	3.362	0	%100
167	MP4B	X	1.941	1.941	0	%100
168	MP4B	Z	3.362	3.362	0	%100
169	MP1B	X	1.941	1.941	0	%100
170	MP1B	Z	3.362	3.362	0	%100
171	MP3B	X	1.941	1.941	0	%100
172	MP3B	Z	3.362	3.362	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...]	End Location[ft...]
173	MP2B	X	1.941	1.941	0 %100
174	MP2B	Z	3.362	3.362	0 %100
175	M203	X	1.579	1.579	0 %100
176	M203	Z	2.736	2.736	0 %100
177	M205	X	1.579	1.579	0 %100
178	M205	Z	2.736	2.736	0 %100
179	M208	X	.224	.224	0 %100
180	M208	Z	.387	.387	0 %100
181	M209	X	.224	.224	0 %100
182	M209	Z	.387	.387	0 %100
183	M210	X	.224	.224	0 %100
184	M210	Z	.387	.387	0 %100
185	M211	X	.224	.224	0 %100
186	M211	Z	.387	.387	0 %100
187	M212	X	.895	.895	0 %100
188	M212	Z	1.55	1.55	0 %100
189	M213	X	.895	.895	0 %100
190	M213	Z	1.55	1.55	0 %100
191	M214	X	.895	.895	0 %100
192	M214	Z	1.55	1.55	0 %100
193	M215	X	.895	.895	0 %100
194	M215	Z	1.55	1.55	0 %100
195	M218	X	.224	.224	0 %100
196	M218	Z	.387	.387	0 %100
197	M219	X	.224	.224	0 %100
198	M219	Z	.387	.387	0 %100
199	M220	X	.224	.224	0 %100
200	M220	Z	.387	.387	0 %100
201	M221	X	.224	.224	0 %100
202	M221	Z	.387	.387	0 %100
203	M210B	X	1.727	1.727	0 %100
204	M210B	Z	2.991	2.991	0 %100
205	M215A	X	0	0	0 %100
206	M215A	Z	0	0	0 %100
207	M220B	X	1.727	1.727	0 %100
208	M220B	Z	2.991	2.991	0 %100
209	M221B	X	0	0	0 %100
210	M221B	Z	0	0	0 %100
211	M222A	X	1.507	1.507	0 %100
212	M222A	Z	2.61	2.61	0 %100
213	M223A	X	1.507	1.507	0 %100
214	M223A	Z	2.61	2.61	0 %100
215	M224	X	2.678	2.678	0 %100
216	M224	Z	4.638	4.638	0 %100
217	M225	X	.883	.883	0 %100
218	M225	Z	1.53	1.53	0 %100
219	M226	X	.672	.672	0 %100
220	M226	Z	1.163	1.163	0 %100
221	M227	X	.672	.672	0 %100
222	M227	Z	1.163	1.163	0 %100
223	M228	X	.883	.883	0 %100
224	M228	Z	1.53	1.53	0 %100
225	M229	X	2.678	2.678	0 %100
226	M229	Z	4.638	4.638	0 %100

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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...]	End Location[ft...]
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Company :
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Member Distributed Loads (BLC 59 : Structure Wi (180 Deg)) (Continued)

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...End Location[ft...		
1	M1	X	0	0	%100	
2	M1	Z	0	0	%100	
3	M4	X	0	0	%100	
4	M4	Z	0	0	%100	
5	M5	X	0	0	%100	
6	M5	Z	0	0	%100	
7	M18	X	0	0	%100	
8	M18	Z	3.076	3.076	0	%100
9	M19	X	0	0	0	%100
10	M19	Z	.818	.818	0	%100
11	M20	X	0	0	0	%100
12	M20	Z	.818	.818	0	%100
13	M21	X	0	0	0	%100
14	M21	Z	3.609	3.609	0	%100
15	M22	X	0	0	0	%100
16	M22	Z	3.076	3.076	0	%100
17	M28	X	0	0	0	%100
18	M28	Z	1.387	1.387	0	%100
19	M29	X	0	0	0	%100
20	M29	Z	1.387	1.387	0	%100
21	M27A	X	0	0	0	%100
22	M27A	Z	.818	.818	0	%100
23	M28A	X	0	0	0	%100
24	M28A	Z	.818	.818	0	%100
25	M29A	X	0	0	0	%100
26	M29A	Z	3.609	3.609	0	%100
27	M44	X	0	0	0	%100
28	M44	Z	2.107	2.107	0	%100
29	M47	X	0	0	0	%100
30	M47	Z	1.874	1.874	0	%100
31	M48	X	0	0	0	%100
32	M48	Z	1.874	1.874	0	%100
33	M51	X	0	0	0	%100
34	M51	Z	4.36	4.36	0	%100
35	M52	X	0	0	0	%100
36	M52	Z	2.691	2.691	0	%100
37	M55	X	0	0	0	%100
38	M55	Z	4.731	4.731	0	%100
39	M56	X	0	0	0	%100
40	M56	Z	4.731	4.731	0	%100
41	M69	X	0	0	0	%100
42	M69	Z	.769	.769	0	%100
43	M70	X	0	0	0	%100
44	M70	Z	3.271	3.271	0	%100
45	M71	X	0	0	0	%100
46	M71	Z	.818	.818	0	%100
47	M72	X	0	0	0	%100
48	M72	Z	.902	.902	0	%100
49	M73	X	0	0	0	%100
50	M73	Z	.769	.769	0	%100
51	M76	X	0	0	0	%100
52	M76	Z	5.546	5.546	0	%100
53	M77	X	0	0	0	%100
54	M77	Z	1.387	1.387	0	%100
55	M78	X	0	0	0	%100
56	M78	Z	3.271	3.271	0	%100
57	M79	X	0	0	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Locationft...	End Locationft...
58	M79	Z	.818	.818	0 %100
59	M80	X	0	0	0 %100
60	M80	Z	.902	.902	0 %100
61	M95	X	0	0	0 %100
62	M95	Z	6.033	6.033	0 %100
63	M98	X	0	0	0 %100
64	M98	Z	3.416	3.416	0 %100
65	M99	X	0	0	0 %100
66	M99	Z	3.416	3.416	0 %100
67	M102	X	0	0	0 %100
68	M102	Z	1.09	1.09	0 %100
69	M103	X	0	0	0 %100
70	M103	Z	2.691	2.691	0 %100
71	M106	X	0	0	0 %100
72	M106	Z	4.731	4.731	0 %100
73	M107	X	0	0	0 %100
74	M107	Z	4.731	4.731	0 %100
75	M120	X	0	0	0 %100
76	M120	Z	.769	.769	0 %100
77	M121	X	0	0	0 %100
78	M121	Z	.818	.818	0 %100
79	M122	X	0	0	0 %100
80	M122	Z	3.271	3.271	0 %100
81	M123	X	0	0	0 %100
82	M123	Z	.902	.902	0 %100
83	M124	X	0	0	0 %100
84	M124	Z	.769	.769	0 %100
85	M127	X	0	0	0 %100
86	M127	Z	1.387	1.387	0 %100
87	M128	X	0	0	0 %100
88	M128	Z	5.546	5.546	0 %100
89	M129	X	0	0	0 %100
90	M129	Z	.818	.818	0 %100
91	M130	X	0	0	0 %100
92	M130	Z	3.271	3.271	0 %100
93	M131	X	0	0	0 %100
94	M131	Z	.902	.902	0 %100
95	M146	X	0	0	0 %100
96	M146	Z	6.033	6.033	0 %100
97	M149	X	0	0	0 %100
98	M149	Z	3.416	3.416	0 %100
99	M150	X	0	0	0 %100
100	M150	Z	3.416	3.416	0 %100
101	M153	X	0	0	0 %100
102	M153	Z	1.09	1.09	0 %100
103	M148A	X	0	0	0 %100
104	M148A	Z	6.486	6.486	0 %100
105	M149A	X	0	0	0 %100
106	M149A	Z	1.621	1.621	0 %100
107	M150A	X	0	0	0 %100
108	M150A	Z	1.621	1.621	0 %100
109	M151A	X	0	0	0 %100
110	M151A	Z	3.916	3.916	0 %100
111	M152A	X	0	0	0 %100
112	M152A	Z	0	0	0 %100
113	M154	X	0	0	0 %100
114	M154	Z	.979	.979	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...End Location[ft...	
115	M157	X	0	0	%100
116	M157	Z	.979	.979	%100
117	M166	X	0	0	%100
118	M166	Z	5.838	5.838	%100
119	M162A	X	0	0	%100
120	M162A	Z	0	0	%100
121	M163A	X	0	0	%100
122	M163A	Z	5.838	5.838	%100
123	M164A	X	0	0	%100
124	M164A	Z	4.378	4.378	%100
125	M165A	X	0	0	%100
126	M165A	Z	1.459	1.459	%100
127	M166A	X	0	0	%100
128	M166A	Z	4.378	4.378	%100
129	M167	X	0	0	%100
130	M167	Z	1.459	1.459	%100
131	M168	X	0	0	%100
132	M168	Z	4.378	4.378	%100
133	M169	X	0	0	%100
134	M169	Z	1.459	1.459	%100
135	M170	X	0	0	%100
136	M170	Z	4.378	4.378	%100
137	M171	X	0	0	%100
138	M171	Z	1.459	1.459	%100
139	M172	X	0	0	%100
140	M172	Z	3.627	3.627	%100
141	M173	X	0	0	%100
142	M173	Z	.907	.907	%100
143	M174	X	0	0	%100
144	M174	Z	.907	.907	%100
145	M175	X	0	0	%100
146	M175	Z	3.916	3.916	%100
147	M176	X	0	0	%100
148	M176	Z	.979	.979	%100
149	M177	X	0	0	%100
150	M177	Z	.979	.979	%100
151	MP4A	X	0	0	%100
152	MP4A	Z	3.826	3.826	%100
153	MP1A	X	0	0	%100
154	MP1A	Z	3.826	3.826	%100
155	MP3A	X	0	0	%100
156	MP3A	Z	3.826	3.826	%100
157	MP2A	X	0	0	%100
158	MP2A	Z	3.826	3.826	%100
159	MP4C	X	0	0	%100
160	MP4C	Z	3.826	3.826	%100
161	MP1C	X	0	0	%100
162	MP1C	Z	3.826	3.826	%100
163	MP3C	X	0	0	%100
164	MP3C	Z	3.826	3.826	%100
165	MP2C	X	0	0	%100
166	MP2C	Z	3.826	3.826	%100
167	MP4B	X	0	0	%100
168	MP4B	Z	3.826	3.826	%100
169	MP1B	X	0	0	%100
170	MP1B	Z	3.826	3.826	%100
171	MP3B	X	0	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Locationft...	End Locationft...
172	MP3B	Z	3.826	0	%100
173	MP2B	X	0	0	%100
174	MP2B	Z	3.826	0	%100
175	M203	X	0	0	%100
176	M203	Z	3.129	0	%100
177	M205	X	0	0	%100
178	M205	Z	3.129	0	%100
179	M208	X	0	0	%100
180	M208	Z	0	0	%100
181	M209	X	0	0	%100
182	M209	Z	0	0	%100
183	M210	X	0	0	%100
184	M210	Z	0	0	%100
185	M211	X	0	0	%100
186	M211	Z	0	0	%100
187	M212	X	0	0	%100
188	M212	Z	1.342	0	%100
189	M213	X	0	0	%100
190	M213	Z	1.342	0	%100
191	M214	X	0	0	%100
192	M214	Z	1.342	0	%100
193	M215	X	0	0	%100
194	M215	Z	1.342	0	%100
195	M218	X	0	0	%100
196	M218	Z	1.342	0	%100
197	M219	X	0	0	%100
198	M219	Z	1.342	0	%100
199	M220	X	0	0	%100
200	M220	Z	1.342	0	%100
201	M221	X	0	0	%100
202	M221	Z	1.342	0	%100
203	M210B	X	0	0	%100
204	M210B	Z	4.605	0	%100
205	M215A	X	0	0	%100
206	M215A	Z	1.151	0	%100
207	M220B	X	0	0	%100
208	M220B	Z	1.151	0	%100
209	M221B	X	0	0	%100
210	M221B	Z	1.005	0	%100
211	M222A	X	0	0	%100
212	M222A	Z	1.005	0	%100
213	M223A	X	0	0	%100
214	M223A	Z	4.019	0	%100
215	M224	X	0	0	%100
216	M224	Z	4.3	0	%100
217	M225	X	0	0	%100
218	M225	Z	4.3	0	%100
219	M226	X	0	0	%100
220	M226	Z	3.877	0	%100
221	M227	X	0	0	%100
222	M227	Z	.288	0	%100
223	M228	X	0	0	%100
224	M228	Z	.288	0	%100
225	M229	X	0	0	%100
226	M229	Z	3.877	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...]	End Location[ft...]
1	M1	X	-.449	-.449	0	%100
2	M1	Z	.777	.777	0	%100
3	M4	X	-.789	-.789	0	%100
4	M4	Z	1.366	1.366	0	%100
5	M5	X	-.789	-.789	0	%100
6	M5	Z	1.366	1.366	0	%100
7	M18	X	-1.153	-1.153	0	%100
8	M18	Z	1.998	1.998	0	%100
9	M19	X	0	0	0	%100
10	M19	Z	0	0	0	%100
11	M20	X	-1.227	-1.227	0	%100
12	M20	Z	2.125	2.125	0	%100
13	M21	X	-1.353	-1.353	0	%100
14	M21	Z	2.344	2.344	0	%100
15	M22	X	-1.153	-1.153	0	%100
16	M22	Z	1.998	1.998	0	%100
17	M28	X	0	0	0	%100
18	M28	Z	0	0	0	%100
19	M29	X	-2.08	-2.08	0	%100
20	M29	Z	3.602	3.602	0	%100
21	M27A	X	0	0	0	%100
22	M27A	Z	0	0	0	%100
23	M28A	X	-1.227	-1.227	0	%100
24	M28A	Z	2.125	2.125	0	%100
25	M29A	X	-1.353	-1.353	0	%100
26	M29A	Z	2.344	2.344	0	%100
27	M44	X	-1.708	-1.708	0	%100
28	M44	Z	2.958	2.958	0	%100
29	M47	X	-2.086	-2.086	0	%100
30	M47	Z	3.613	3.613	0	%100
31	M48	X	-2.086	-2.086	0	%100
32	M48	Z	3.613	3.613	0	%100
33	M51	X	-1.635	-1.635	0	%100
34	M51	Z	2.832	2.832	0	%100
35	M52	X	-.449	-.449	0	%100
36	M52	Z	.777	.777	0	%100
37	M55	X	-.789	-.789	0	%100
38	M55	Z	1.366	1.366	0	%100
39	M56	X	-.789	-.789	0	%100
40	M56	Z	1.366	1.366	0	%100
41	M69	X	-1.153	-1.153	0	%100
42	M69	Z	1.998	1.998	0	%100
43	M70	X	-1.227	-1.227	0	%100
44	M70	Z	2.125	2.125	0	%100
45	M71	X	0	0	0	%100
46	M71	Z	0	0	0	%100
47	M72	X	-1.353	-1.353	0	%100
48	M72	Z	2.344	2.344	0	%100
49	M73	X	-1.153	-1.153	0	%100
50	M73	Z	1.998	1.998	0	%100
51	M76	X	-2.08	-2.08	0	%100
52	M76	Z	3.602	3.602	0	%100
53	M77	X	0	0	0	%100
54	M77	Z	0	0	0	%100
55	M78	X	-1.227	-1.227	0	%100
56	M78	Z	2.125	2.125	0	%100
57	M79	X	0	0	0	%100

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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Locationft...	End Locationft...	
58	M79	Z	0	0	%100	
59	M80	X	-1.353	-1.353	0	%100
60	M80	Z	2.344	2.344	0	%100
61	M95	X	-1.708	-1.708	0	%100
62	M95	Z	2.958	2.958	0	%100
63	M98	X	-3.016	-3.016	0	%100
64	M98	Z	5.225	5.225	0	%100
65	M99	X	-3.016	-3.016	0	%100
66	M99	Z	5.225	5.225	0	%100
67	M102	X	-1.635	-1.635	0	%100
68	M102	Z	2.832	2.832	0	%100
69	M103	X	-1.794	-1.794	0	%100
70	M103	Z	3.108	3.108	0	%100
71	M106	X	-3.154	-3.154	0	%100
72	M106	Z	5.463	5.463	0	%100
73	M107	X	-3.154	-3.154	0	%100
74	M107	Z	5.463	5.463	0	%100
75	M120	X	0	0	0	%100
76	M120	Z	0	0	0	%100
77	M121	X	-1.227	-1.227	0	%100
78	M121	Z	2.125	2.125	0	%100
79	M122	X	-1.227	-1.227	0	%100
80	M122	Z	2.125	2.125	0	%100
81	M123	X	0	0	0	%100
82	M123	Z	0	0	0	%100
83	M124	X	0	0	0	%100
84	M124	Z	0	0	0	%100
85	M127	X	-2.08	-2.08	0	%100
86	M127	Z	3.602	3.602	0	%100
87	M128	X	-2.08	-2.08	0	%100
88	M128	Z	3.602	3.602	0	%100
89	M129	X	-1.227	-1.227	0	%100
90	M129	Z	2.125	2.125	0	%100
91	M130	X	-1.227	-1.227	0	%100
92	M130	Z	2.125	2.125	0	%100
93	M131	X	0	0	0	%100
94	M131	Z	0	0	0	%100
95	M146	X	-3.671	-3.671	0	%100
96	M146	Z	6.358	6.358	0	%100
97	M149	X	-1.053	-1.053	0	%100
98	M149	Z	1.825	1.825	0	%100
99	M150	X	-1.053	-1.053	0	%100
100	M150	Z	1.825	1.825	0	%100
101	M153	X	0	0	0	%100
102	M153	Z	0	0	0	%100
103	M148A	X	-2.432	-2.432	0	%100
104	M148A	Z	4.213	4.213	0	%100
105	M149A	X	-2.432	-2.432	0	%100
106	M149A	Z	4.213	4.213	0	%100
107	M150A	X	0	0	0	%100
108	M150A	Z	0	0	0	%100
109	M151A	X	-1.468	-1.468	0	%100
110	M151A	Z	2.544	2.544	0	%100
111	M152A	X	-.73	-.73	0	%100
112	M152A	Z	1.264	1.264	0	%100
113	M154	X	-1.468	-1.468	0	%100
114	M154	Z	2.544	2.544	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...End Location[ft...		
115	M157	X	0	0	%100	
116	M157	Z	0	0	%100	
117	M166	X	-2.189	-2.189	0	%100
118	M166	Z	3.792	3.792	0	%100
119	M162A	X	-.73	-.73	0	%100
120	M162A	Z	1.264	1.264	0	%100
121	M163A	X	-2.189	-2.189	0	%100
122	M163A	Z	3.792	3.792	0	%100
123	M164A	X	-.73	-.73	0	%100
124	M164A	Z	1.264	1.264	0	%100
125	M165A	X	-2.189	-2.189	0	%100
126	M165A	Z	3.792	3.792	0	%100
127	M166A	X	-.73	-.73	0	%100
128	M166A	Z	1.264	1.264	0	%100
129	M167	X	-2.189	-2.189	0	%100
130	M167	Z	3.792	3.792	0	%100
131	M168	X	-2.919	-2.919	0	%100
132	M168	Z	5.056	5.056	0	%100
133	M169	X	0	0	0	%100
134	M169	Z	0	0	0	%100
135	M170	X	-2.919	-2.919	0	%100
136	M170	Z	5.056	5.056	0	%100
137	M171	X	0	0	0	%100
138	M171	Z	0	0	0	%100
139	M172	X	-1.36	-1.36	0	%100
140	M172	Z	2.356	2.356	0	%100
141	M173	X	-1.36	-1.36	0	%100
142	M173	Z	2.356	2.356	0	%100
143	M174	X	0	0	0	%100
144	M174	Z	0	0	0	%100
145	M175	X	-1.468	-1.468	0	%100
146	M175	Z	2.544	2.544	0	%100
147	M176	X	-1.468	-1.468	0	%100
148	M176	Z	2.544	2.544	0	%100
149	M177	X	0	0	0	%100
150	M177	Z	0	0	0	%100
151	MP4A	X	-1.941	-1.941	0	%100
152	MP4A	Z	3.362	3.362	0	%100
153	MP1A	X	-1.941	-1.941	0	%100
154	MP1A	Z	3.362	3.362	0	%100
155	MP3A	X	-1.941	-1.941	0	%100
156	MP3A	Z	3.362	3.362	0	%100
157	MP2A	X	-1.941	-1.941	0	%100
158	MP2A	Z	3.362	3.362	0	%100
159	MP4C	X	-1.941	-1.941	0	%100
160	MP4C	Z	3.362	3.362	0	%100
161	MP1C	X	-1.941	-1.941	0	%100
162	MP1C	Z	3.362	3.362	0	%100
163	MP3C	X	-1.941	-1.941	0	%100
164	MP3C	Z	3.362	3.362	0	%100
165	MP2C	X	-1.941	-1.941	0	%100
166	MP2C	Z	3.362	3.362	0	%100
167	MP4B	X	-1.941	-1.941	0	%100
168	MP4B	Z	3.362	3.362	0	%100
169	MP1B	X	-1.941	-1.941	0	%100
170	MP1B	Z	3.362	3.362	0	%100
171	MP3B	X	-1.941	-1.941	0	%100



Company :
 Designer :
 Job Number :
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Member Distributed Loads (BLC 60 : Structure Wi (210 Deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Locationft...	End Locationft...
172	MP3B	Z	3.362	3.362	0	%100
173	MP2B	X	-1.941	-1.941	0	%100
174	MP2B	Z	3.362	3.362	0	%100
175	M203	X	-1.579	-1.579	0	%100
176	M203	Z	2.736	2.736	0	%100
177	M205	X	-1.579	-1.579	0	%100
178	M205	Z	2.736	2.736	0	%100
179	M208	X	-.224	-.224	0	%100
180	M208	Z	.387	.387	0	%100
181	M209	X	-.224	-.224	0	%100
182	M209	Z	.387	.387	0	%100
183	M210	X	-.224	-.224	0	%100
184	M210	Z	.387	.387	0	%100
185	M211	X	-.224	-.224	0	%100
186	M211	Z	.387	.387	0	%100
187	M212	X	-.224	-.224	0	%100
188	M212	Z	.387	.387	0	%100
189	M213	X	-.224	-.224	0	%100
190	M213	Z	.387	.387	0	%100
191	M214	X	-.224	-.224	0	%100
192	M214	Z	.387	.387	0	%100
193	M215	X	-.224	-.224	0	%100
194	M215	Z	.387	.387	0	%100
195	M218	X	-.895	-.895	0	%100
196	M218	Z	1.55	1.55	0	%100
197	M219	X	-.895	-.895	0	%100
198	M219	Z	1.55	1.55	0	%100
199	M220	X	-.895	-.895	0	%100
200	M220	Z	1.55	1.55	0	%100
201	M221	X	-.895	-.895	0	%100
202	M221	Z	1.55	1.55	0	%100
203	M210B	X	-1.727	-1.727	0	%100
204	M210B	Z	2.991	2.991	0	%100
205	M215A	X	-1.727	-1.727	0	%100
206	M215A	Z	2.991	2.991	0	%100
207	M220B	X	0	0	0	%100
208	M220B	Z	0	0	0	%100
209	M221B	X	-1.507	-1.507	0	%100
210	M221B	Z	2.61	2.61	0	%100
211	M222A	X	0	0	0	%100
212	M222A	Z	0	0	0	%100
213	M223A	X	-1.507	-1.507	0	%100
214	M223A	Z	2.61	2.61	0	%100
215	M224	X	-.883	-.883	0	%100
216	M224	Z	1.53	1.53	0	%100
217	M225	X	-2.678	-2.678	0	%100
218	M225	Z	4.638	4.638	0	%100
219	M226	X	-2.678	-2.678	0	%100
220	M226	Z	4.638	4.638	0	%100
221	M227	X	-.883	-.883	0	%100
222	M227	Z	1.53	1.53	0	%100
223	M228	X	-.672	-.672	0	%100
224	M228	Z	1.163	1.163	0	%100
225	M229	X	-.672	-.672	0	%100
226	M229	Z	1.163	1.163	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...]	End Location[ft...]
1	M1	X	-2.331	-2.331	0	%100
2	M1	Z	1.346	1.346	0	%100
3	M4	X	-4.098	-4.098	0	%100
4	M4	Z	2.366	2.366	0	%100
5	M5	X	-4.098	-4.098	0	%100
6	M5	Z	2.366	2.366	0	%100
7	M18	X	-.666	-.666	0	%100
8	M18	Z	.384	.384	0	%100
9	M19	X	-.708	-.708	0	%100
10	M19	Z	.409	.409	0	%100
11	M20	X	-2.833	-2.833	0	%100
12	M20	Z	1.636	1.636	0	%100
13	M21	X	-.781	-.781	0	%100
14	M21	Z	.451	.451	0	%100
15	M22	X	-.666	-.666	0	%100
16	M22	Z	.384	.384	0	%100
17	M28	X	-1.201	-1.201	0	%100
18	M28	Z	.693	.693	0	%100
19	M29	X	-4.803	-4.803	0	%100
20	M29	Z	2.773	2.773	0	%100
21	M27A	X	-.708	-.708	0	%100
22	M27A	Z	.409	.409	0	%100
23	M28A	X	-2.833	-2.833	0	%100
24	M28A	Z	1.636	1.636	0	%100
25	M29A	X	-.781	-.781	0	%100
26	M29A	Z	.451	.451	0	%100
27	M44	X	-5.225	-5.225	0	%100
28	M44	Z	3.016	3.016	0	%100
29	M47	X	-7.594	-7.594	0	%100
30	M47	Z	4.385	4.385	0	%100
31	M48	X	-7.594	-7.594	0	%100
32	M48	Z	4.385	4.385	0	%100
33	M51	X	-.944	-.944	0	%100
34	M51	Z	.545	.545	0	%100
35	M52	X	0	0	0	%100
36	M52	Z	0	0	0	%100
37	M55	X	0	0	0	%100
38	M55	Z	0	0	0	%100
39	M56	X	0	0	0	%100
40	M56	Z	0	0	0	%100
41	M69	X	-2.664	-2.664	0	%100
42	M69	Z	1.538	1.538	0	%100
43	M70	X	-.708	-.708	0	%100
44	M70	Z	.409	.409	0	%100
45	M71	X	-.708	-.708	0	%100
46	M71	Z	.409	.409	0	%100
47	M72	X	-3.125	-3.125	0	%100
48	M72	Z	1.804	1.804	0	%100
49	M73	X	-2.664	-2.664	0	%100
50	M73	Z	1.538	1.538	0	%100
51	M76	X	-1.201	-1.201	0	%100
52	M76	Z	.693	.693	0	%100
53	M77	X	-1.201	-1.201	0	%100
54	M77	Z	.693	.693	0	%100
55	M78	X	-.708	-.708	0	%100
56	M78	Z	.409	.409	0	%100
57	M79	X	-.708	-.708	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Locationft...	End Locationft...
58	M79	Z	.409	.409	0 %100
59	M80	X	-3.125	-3.125	0 %100
60	M80	Z	1.804	1.804	0 %100
61	M95	X	-1.825	-1.825	0 %100
62	M95	Z	1.053	1.053	0 %100
63	M98	X	-6.358	-6.358	0 %100
64	M98	Z	3.671	3.671	0 %100
65	M99	X	-6.358	-6.358	0 %100
66	M99	Z	3.671	3.671	0 %100
67	M102	X	-3.776	-3.776	0 %100
68	M102	Z	2.18	2.18	0 %100
69	M103	X	-2.331	-2.331	0 %100
70	M103	Z	1.346	1.346	0 %100
71	M106	X	-4.098	-4.098	0 %100
72	M106	Z	2.366	2.366	0 %100
73	M107	X	-4.098	-4.098	0 %100
74	M107	Z	2.366	2.366	0 %100
75	M120	X	-.666	-.666	0 %100
76	M120	Z	.384	.384	0 %100
77	M121	X	-2.833	-2.833	0 %100
78	M121	Z	1.636	1.636	0 %100
79	M122	X	-.708	-.708	0 %100
80	M122	Z	.409	.409	0 %100
81	M123	X	-.781	-.781	0 %100
82	M123	Z	.451	.451	0 %100
83	M124	X	-.666	-.666	0 %100
84	M124	Z	.384	.384	0 %100
85	M127	X	-4.803	-4.803	0 %100
86	M127	Z	2.773	2.773	0 %100
87	M128	X	-1.201	-1.201	0 %100
88	M128	Z	.693	.693	0 %100
89	M129	X	-2.833	-2.833	0 %100
90	M129	Z	1.636	1.636	0 %100
91	M130	X	-.708	-.708	0 %100
92	M130	Z	.409	.409	0 %100
93	M131	X	-.781	-.781	0 %100
94	M131	Z	.451	.451	0 %100
95	M146	X	-5.225	-5.225	0 %100
96	M146	Z	3.016	3.016	0 %100
97	M149	X	-2.958	-2.958	0 %100
98	M149	Z	1.708	1.708	0 %100
99	M150	X	-2.958	-2.958	0 %100
100	M150	Z	1.708	1.708	0 %100
101	M153	X	-.944	-.944	0 %100
102	M153	Z	.545	.545	0 %100
103	M148A	X	-1.404	-1.404	0 %100
104	M148A	Z	.811	.811	0 %100
105	M149A	X	-5.617	-5.617	0 %100
106	M149A	Z	3.243	3.243	0 %100
107	M150A	X	-1.404	-1.404	0 %100
108	M150A	Z	.811	.811	0 %100
109	M151A	X	-.848	-.848	0 %100
110	M151A	Z	.489	.489	0 %100
111	M152A	X	-3.792	-3.792	0 %100
112	M152A	Z	2.189	2.189	0 %100
113	M154	X	-3.391	-3.391	0 %100
114	M154	Z	1.958	1.958	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...]	End Location[ft...]
115	M157	X	-.848	-.848	0 %100
116	M157	Z	.489	.489	0 %100
117	M166	X	-1.264	-1.264	0 %100
118	M166	Z	.73	.73	0 %100
119	M162A	X	-3.792	-3.792	0 %100
120	M162A	Z	2.189	2.189	0 %100
121	M163A	X	-1.264	-1.264	0 %100
122	M163A	Z	.73	.73	0 %100
123	M164A	X	0	0	0 %100
124	M164A	Z	0	0	0 %100
125	M165A	X	-5.056	-5.056	0 %100
126	M165A	Z	2.919	2.919	0 %100
127	M166A	X	0	0	0 %100
128	M166A	Z	0	0	0 %100
129	M167	X	-5.056	-5.056	0 %100
130	M167	Z	2.919	2.919	0 %100
131	M168	X	-3.792	-3.792	0 %100
132	M168	Z	2.189	2.189	0 %100
133	M169	X	-1.264	-1.264	0 %100
134	M169	Z	.73	.73	0 %100
135	M170	X	-3.792	-3.792	0 %100
136	M170	Z	2.189	2.189	0 %100
137	M171	X	-1.264	-1.264	0 %100
138	M171	Z	.73	.73	0 %100
139	M172	X	-.785	-.785	0 %100
140	M172	Z	.453	.453	0 %100
141	M173	X	-3.141	-3.141	0 %100
142	M173	Z	1.814	1.814	0 %100
143	M174	X	-.785	-.785	0 %100
144	M174	Z	.453	.453	0 %100
145	M175	X	-.848	-.848	0 %100
146	M175	Z	.489	.489	0 %100
147	M176	X	-3.391	-3.391	0 %100
148	M176	Z	1.958	1.958	0 %100
149	M177	X	-.848	-.848	0 %100
150	M177	Z	.489	.489	0 %100
151	MP4A	X	-3.46	-3.46	0 %100
152	MP4A	Z	1.997	1.997	0 %100
153	MP1A	X	-3.46	-3.46	0 %100
154	MP1A	Z	1.997	1.997	0 %100
155	MP3A	X	-3.46	-3.46	0 %100
156	MP3A	Z	1.997	1.997	0 %100
157	MP2A	X	-3.46	-3.46	0 %100
158	MP2A	Z	1.997	1.997	0 %100
159	MP4C	X	-3.46	-3.46	0 %100
160	MP4C	Z	1.997	1.997	0 %100
161	MP1C	X	-3.46	-3.46	0 %100
162	MP1C	Z	1.997	1.997	0 %100
163	MP3C	X	-3.46	-3.46	0 %100
164	MP3C	Z	1.997	1.997	0 %100
165	MP2C	X	-3.46	-3.46	0 %100
166	MP2C	Z	1.997	1.997	0 %100
167	MP4B	X	-3.46	-3.46	0 %100
168	MP4B	Z	1.997	1.997	0 %100
169	MP1B	X	-3.46	-3.46	0 %100
170	MP1B	Z	1.997	1.997	0 %100
171	MP3B	X	-3.46	-3.46	0 %100



Company :
 Designer :
 Job Number :
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Member Distributed Loads (BLC 61 : Structure Wi (240 Deg)) (Continued)

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Locationft...	End Locationft...
172	MP3B	Z	1.997	0	%100
173	MP2B	X	-3.46	0	%100
174	MP2B	Z	1.997	0	%100
175	M203	X	-2.788	0	%100
176	M203	Z	1.61	0	%100
177	M205	X	-2.788	0	%100
178	M205	Z	1.61	0	%100
179	M208	X	-1.162	0	%100
180	M208	Z	.671	0	%100
181	M209	X	-1.162	0	%100
182	M209	Z	.671	0	%100
183	M210	X	-1.162	0	%100
184	M210	Z	.671	0	%100
185	M211	X	-1.162	0	%100
186	M211	Z	.671	0	%100
187	M212	X	0	0	%100
188	M212	Z	0	0	%100
189	M213	X	0	0	%100
190	M213	Z	0	0	%100
191	M214	X	0	0	%100
192	M214	Z	0	0	%100
193	M215	X	0	0	%100
194	M215	Z	0	0	%100
195	M218	X	-1.162	0	%100
196	M218	Z	.671	0	%100
197	M219	X	-1.162	0	%100
198	M219	Z	.671	0	%100
199	M220	X	-1.162	0	%100
200	M220	Z	.671	0	%100
201	M221	X	-1.162	0	%100
202	M221	Z	.671	0	%100
203	M210B	X	-.997	0	%100
204	M210B	Z	.576	0	%100
205	M215A	X	-3.988	0	%100
206	M215A	Z	2.303	0	%100
207	M220B	X	-.997	0	%100
208	M220B	Z	.576	0	%100
209	M221B	X	-3.481	0	%100
210	M221B	Z	2.01	0	%100
211	M222A	X	-.87	0	%100
212	M222A	Z	.502	0	%100
213	M223A	X	-.87	0	%100
214	M223A	Z	.502	0	%100
215	M224	X	-.249	0	%100
216	M224	Z	.144	0	%100
217	M225	X	-3.357	0	%100
218	M225	Z	1.938	0	%100
219	M226	X	-3.724	0	%100
220	M226	Z	2.15	0	%100
221	M227	X	-3.724	0	%100
222	M227	Z	2.15	0	%100
223	M228	X	-3.357	0	%100
224	M228	Z	1.938	0	%100
225	M229	X	-.249	0	%100
226	M229	Z	.144	0	%100



Company :
 Designer :
 Job Number :
 Model Name : 467945-VZW_MT_LO_H

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...]	End Location[ft...]
1	M1	X	-3.589	-3.589	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	-6.309	-6.309	0	%100
4	M4	Z	0	0	0	%100
5	M5	X	-6.309	-6.309	0	%100
6	M5	Z	0	0	0	%100
7	M18	X	0	0	0	%100
8	M18	Z	0	0	0	%100
9	M19	X	-2.454	-2.454	0	%100
10	M19	Z	0	0	0	%100
11	M20	X	-2.454	-2.454	0	%100
12	M20	Z	0	0	0	%100
13	M21	X	0	0	0	%100
14	M21	Z	0	0	0	%100
15	M22	X	0	0	0	%100
16	M22	Z	0	0	0	%100
17	M28	X	-4.16	-4.16	0	%100
18	M28	Z	0	0	0	%100
19	M29	X	-4.16	-4.16	0	%100
20	M29	Z	0	0	0	%100
21	M27A	X	-2.454	-2.454	0	%100
22	M27A	Z	0	0	0	%100
23	M28A	X	-2.454	-2.454	0	%100
24	M28A	Z	0	0	0	%100
25	M29A	X	0	0	0	%100
26	M29A	Z	0	0	0	%100
27	M44	X	-7.342	-7.342	0	%100
28	M44	Z	0	0	0	%100
29	M47	X	-11.068	-11.068	0	%100
30	M47	Z	0	0	0	%100
31	M48	X	-11.068	-11.068	0	%100
32	M48	Z	0	0	0	%100
33	M51	X	0	0	0	%100
34	M51	Z	0	0	0	%100
35	M52	X	-0.897	-0.897	0	%100
36	M52	Z	0	0	0	%100
37	M55	X	-1.577	-1.577	0	%100
38	M55	Z	0	0	0	%100
39	M56	X	-1.577	-1.577	0	%100
40	M56	Z	0	0	0	%100
41	M69	X	-2.307	-2.307	0	%100
42	M69	Z	0	0	0	%100
43	M70	X	0	0	0	%100
44	M70	Z	0	0	0	%100
45	M71	X	-2.454	-2.454	0	%100
46	M71	Z	0	0	0	%100
47	M72	X	-2.707	-2.707	0	%100
48	M72	Z	0	0	0	%100
49	M73	X	-2.307	-2.307	0	%100
50	M73	Z	0	0	0	%100
51	M76	X	0	0	0	%100
52	M76	Z	0	0	0	%100
53	M77	X	-4.16	-4.16	0	%100
54	M77	Z	0	0	0	%100
55	M78	X	0	0	0	%100
56	M78	Z	0	0	0	%100
57	M79	X	-2.454	-2.454	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Locationft...	End Locationft...	
58	M79	Z	0	0	%100	
59	M80	X	-2.707	-2.707	0	%100
60	M80	Z	0	0	0	%100
61	M95	X	-3.416	-3.416	0	%100
62	M95	Z	0	0	0	%100
63	M98	X	-6.033	-6.033	0	%100
64	M98	Z	0	0	0	%100
65	M99	X	-6.033	-6.033	0	%100
66	M99	Z	0	0	0	%100
67	M102	X	-3.27	-3.27	0	%100
68	M102	Z	0	0	0	%100
69	M103	X	-0.897	-0.897	0	%100
70	M103	Z	0	0	0	%100
71	M106	X	-1.577	-1.577	0	%100
72	M106	Z	0	0	0	%100
73	M107	X	-1.577	-1.577	0	%100
74	M107	Z	0	0	0	%100
75	M120	X	-2.307	-2.307	0	%100
76	M120	Z	0	0	0	%100
77	M121	X	-2.454	-2.454	0	%100
78	M121	Z	0	0	0	%100
79	M122	X	0	0	0	%100
80	M122	Z	0	0	0	%100
81	M123	X	-2.707	-2.707	0	%100
82	M123	Z	0	0	0	%100
83	M124	X	-2.307	-2.307	0	%100
84	M124	Z	0	0	0	%100
85	M127	X	-4.16	-4.16	0	%100
86	M127	Z	0	0	0	%100
87	M128	X	0	0	0	%100
88	M128	Z	0	0	0	%100
89	M129	X	-2.454	-2.454	0	%100
90	M129	Z	0	0	0	%100
91	M130	X	0	0	0	%100
92	M130	Z	0	0	0	%100
93	M131	X	-2.707	-2.707	0	%100
94	M131	Z	0	0	0	%100
95	M146	X	-3.416	-3.416	0	%100
96	M146	Z	0	0	0	%100
97	M149	X	-6.033	-6.033	0	%100
98	M149	Z	0	0	0	%100
99	M150	X	-6.033	-6.033	0	%100
100	M150	Z	0	0	0	%100
101	M153	X	-3.27	-3.27	0	%100
102	M153	Z	0	0	0	%100
103	M148A	X	0	0	0	%100
104	M148A	Z	0	0	0	%100
105	M149A	X	-4.864	-4.864	0	%100
106	M149A	Z	0	0	0	%100
107	M150A	X	-4.864	-4.864	0	%100
108	M150A	Z	0	0	0	%100
109	M151A	X	0	0	0	%100
110	M151A	Z	0	0	0	%100
111	M152A	X	-5.838	-5.838	0	%100
112	M152A	Z	0	0	0	%100
113	M154	X	-2.937	-2.937	0	%100
114	M154	Z	0	0	0	%100

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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...End Location[ft...		
115	M157	X	-2.937	-2.937	0	%100
116	M157	Z	0	0	0	%100
117	M166	X	0	0	0	%100
118	M166	Z	0	0	0	%100
119	M162A	X	-5.838	-5.838	0	%100
120	M162A	Z	0	0	0	%100
121	M163A	X	0	0	0	%100
122	M163A	Z	0	0	0	%100
123	M164A	X	-1.459	-1.459	0	%100
124	M164A	Z	0	0	0	%100
125	M165A	X	-4.378	-4.378	0	%100
126	M165A	Z	0	0	0	%100
127	M166A	X	-1.459	-1.459	0	%100
128	M166A	Z	0	0	0	%100
129	M167	X	-4.378	-4.378	0	%100
130	M167	Z	0	0	0	%100
131	M168	X	-1.459	-1.459	0	%100
132	M168	Z	0	0	0	%100
133	M169	X	-4.378	-4.378	0	%100
134	M169	Z	0	0	0	%100
135	M170	X	-1.459	-1.459	0	%100
136	M170	Z	0	0	0	%100
137	M171	X	-4.378	-4.378	0	%100
138	M171	Z	0	0	0	%100
139	M172	X	0	0	0	%100
140	M172	Z	0	0	0	%100
141	M173	X	-2.721	-2.721	0	%100
142	M173	Z	0	0	0	%100
143	M174	X	-2.721	-2.721	0	%100
144	M174	Z	0	0	0	%100
145	M175	X	0	0	0	%100
146	M175	Z	0	0	0	%100
147	M176	X	-2.937	-2.937	0	%100
148	M176	Z	0	0	0	%100
149	M177	X	-2.937	-2.937	0	%100
150	M177	Z	0	0	0	%100
151	MP4A	X	-4.051	-4.051	0	%100
152	MP4A	Z	0	0	0	%100
153	MP1A	X	-4.051	-4.051	0	%100
154	MP1A	Z	0	0	0	%100
155	MP3A	X	-4.051	-4.051	0	%100
156	MP3A	Z	0	0	0	%100
157	MP2A	X	-4.051	-4.051	0	%100
158	MP2A	Z	0	0	0	%100
159	MP4C	X	-4.051	-4.051	0	%100
160	MP4C	Z	0	0	0	%100
161	MP1C	X	-4.051	-4.051	0	%100
162	MP1C	Z	0	0	0	%100
163	MP3C	X	-4.051	-4.051	0	%100
164	MP3C	Z	0	0	0	%100
165	MP2C	X	-4.051	-4.051	0	%100
166	MP2C	Z	0	0	0	%100
167	MP4B	X	-4.051	-4.051	0	%100
168	MP4B	Z	0	0	0	%100
169	MP1B	X	-4.051	-4.051	0	%100
170	MP1B	Z	0	0	0	%100
171	MP3B	X	-4.051	-4.051	0	%100

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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Locationft...	End Locationft...
172	MP3B	Z	0	0	%100
173	MP2B	X	-4.051	-4.051	0
174	MP2B	Z	0	0	%100
175	M203	X	-3.249	-3.249	0
176	M203	Z	0	0	%100
177	M205	X	-3.249	-3.249	0
178	M205	Z	0	0	%100
179	M208	X	-1.789	-1.789	0
180	M208	Z	0	0	%100
181	M209	X	-1.789	-1.789	0
182	M209	Z	0	0	%100
183	M210	X	-1.789	-1.789	0
184	M210	Z	0	0	%100
185	M211	X	-1.789	-1.789	0
186	M211	Z	0	0	%100
187	M212	X	-.447	-.447	0
188	M212	Z	0	0	%100
189	M213	X	-.447	-.447	0
190	M213	Z	0	0	%100
191	M214	X	-.447	-.447	0
192	M214	Z	0	0	%100
193	M215	X	-.447	-.447	0
194	M215	Z	0	0	%100
195	M218	X	-.447	-.447	0
196	M218	Z	0	0	%100
197	M219	X	-.447	-.447	0
198	M219	Z	0	0	%100
199	M220	X	-.447	-.447	0
200	M220	Z	0	0	%100
201	M221	X	-.447	-.447	0
202	M221	Z	0	0	%100
203	M210B	X	0	0	%100
204	M210B	Z	0	0	%100
205	M215A	X	-3.454	-3.454	0
206	M215A	Z	0	0	%100
207	M220B	X	-3.454	-3.454	0
208	M220B	Z	0	0	%100
209	M221B	X	-3.014	-3.014	0
210	M221B	Z	0	0	%100
211	M222A	X	-3.014	-3.014	0
212	M222A	Z	0	0	%100
213	M223A	X	0	0	%100
214	M223A	Z	0	0	%100
215	M224	X	-1.343	-1.343	0
216	M224	Z	0	0	%100
217	M225	X	-1.343	-1.343	0
218	M225	Z	0	0	%100
219	M226	X	-1.766	-1.766	0
220	M226	Z	0	0	%100
221	M227	X	-5.356	-5.356	0
222	M227	Z	0	0	%100
223	M228	X	-5.356	-5.356	0
224	M228	Z	0	0	%100
225	M229	X	-1.766	-1.766	0
226	M229	Z	0	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...]	End Location[ft...]
1	M1	X	-2.331	-2.331	0	%100
2	M1	Z	-1.346	-1.346	0	%100
3	M4	X	-4.098	-4.098	0	%100
4	M4	Z	-2.366	-2.366	0	%100
5	M5	X	-4.098	-4.098	0	%100
6	M5	Z	-2.366	-2.366	0	%100
7	M18	X	-.666	-.666	0	%100
8	M18	Z	-.384	-.384	0	%100
9	M19	X	-2.833	-2.833	0	%100
10	M19	Z	-1.636	-1.636	0	%100
11	M20	X	-.708	-.708	0	%100
12	M20	Z	-.409	-.409	0	%100
13	M21	X	-.781	-.781	0	%100
14	M21	Z	-.451	-.451	0	%100
15	M22	X	-.666	-.666	0	%100
16	M22	Z	-.384	-.384	0	%100
17	M28	X	-4.803	-4.803	0	%100
18	M28	Z	-2.773	-2.773	0	%100
19	M29	X	-1.201	-1.201	0	%100
20	M29	Z	-.693	-.693	0	%100
21	M27A	X	-2.833	-2.833	0	%100
22	M27A	Z	-1.636	-1.636	0	%100
23	M28A	X	-.708	-.708	0	%100
24	M28A	Z	-.409	-.409	0	%100
25	M29A	X	-.781	-.781	0	%100
26	M29A	Z	-.451	-.451	0	%100
27	M44	X	-5.225	-5.225	0	%100
28	M44	Z	-3.016	-3.016	0	%100
29	M47	X	-7.594	-7.594	0	%100
30	M47	Z	-4.385	-4.385	0	%100
31	M48	X	-7.594	-7.594	0	%100
32	M48	Z	-4.385	-4.385	0	%100
33	M51	X	-.944	-.944	0	%100
34	M51	Z	-.545	-.545	0	%100
35	M52	X	-2.331	-2.331	0	%100
36	M52	Z	-1.346	-1.346	0	%100
37	M55	X	-4.098	-4.098	0	%100
38	M55	Z	-2.366	-2.366	0	%100
39	M56	X	-4.098	-4.098	0	%100
40	M56	Z	-2.366	-2.366	0	%100
41	M69	X	-.666	-.666	0	%100
42	M69	Z	-.384	-.384	0	%100
43	M70	X	-.708	-.708	0	%100
44	M70	Z	-.409	-.409	0	%100
45	M71	X	-2.833	-2.833	0	%100
46	M71	Z	-1.636	-1.636	0	%100
47	M72	X	-.781	-.781	0	%100
48	M72	Z	-.451	-.451	0	%100
49	M73	X	-.666	-.666	0	%100
50	M73	Z	-.384	-.384	0	%100
51	M76	X	-1.201	-1.201	0	%100
52	M76	Z	-.693	-.693	0	%100
53	M77	X	-4.803	-4.803	0	%100
54	M77	Z	-2.773	-2.773	0	%100
55	M78	X	-.708	-.708	0	%100
56	M78	Z	-.409	-.409	0	%100
57	M79	X	-2.833	-2.833	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Locationft...	End Locationft...
58	M79	Z	-1.636	-1.636	0 %100
59	M80	X	-0.781	-0.781	0 %100
60	M80	Z	-0.451	-0.451	0 %100
61	M95	X	-5.225	-5.225	0 %100
62	M95	Z	-3.016	-3.016	0 %100
63	M98	X	-2.958	-2.958	0 %100
64	M98	Z	-1.708	-1.708	0 %100
65	M99	X	-2.958	-2.958	0 %100
66	M99	Z	-1.708	-1.708	0 %100
67	M102	X	-0.944	-0.944	0 %100
68	M102	Z	-0.545	-0.545	0 %100
69	M103	X	0	0	0 %100
70	M103	Z	0	0	0 %100
71	M106	X	0	0	0 %100
72	M106	Z	0	0	0 %100
73	M107	X	0	0	0 %100
74	M107	Z	0	0	0 %100
75	M120	X	-2.664	-2.664	0 %100
76	M120	Z	-1.538	-1.538	0 %100
77	M121	X	-0.708	-0.708	0 %100
78	M121	Z	-0.409	-0.409	0 %100
79	M122	X	-0.708	-0.708	0 %100
80	M122	Z	-0.409	-0.409	0 %100
81	M123	X	-3.125	-3.125	0 %100
82	M123	Z	-1.804	-1.804	0 %100
83	M124	X	-2.664	-2.664	0 %100
84	M124	Z	-1.538	-1.538	0 %100
85	M127	X	-1.201	-1.201	0 %100
86	M127	Z	-0.693	-0.693	0 %100
87	M128	X	-1.201	-1.201	0 %100
88	M128	Z	-0.693	-0.693	0 %100
89	M129	X	-0.708	-0.708	0 %100
90	M129	Z	-0.409	-0.409	0 %100
91	M130	X	-0.708	-0.708	0 %100
92	M130	Z	-0.409	-0.409	0 %100
93	M131	X	-3.125	-3.125	0 %100
94	M131	Z	-1.804	-1.804	0 %100
95	M146	X	-1.825	-1.825	0 %100
96	M146	Z	-1.053	-1.053	0 %100
97	M149	X	-6.358	-6.358	0 %100
98	M149	Z	-3.671	-3.671	0 %100
99	M150	X	-6.358	-6.358	0 %100
100	M150	Z	-3.671	-3.671	0 %100
101	M153	X	-3.776	-3.776	0 %100
102	M153	Z	-2.18	-2.18	0 %100
103	M148A	X	-1.404	-1.404	0 %100
104	M148A	Z	-0.811	-0.811	0 %100
105	M149A	X	-1.404	-1.404	0 %100
106	M149A	Z	-0.811	-0.811	0 %100
107	M150A	X	-5.617	-5.617	0 %100
108	M150A	Z	-3.243	-3.243	0 %100
109	M151A	X	-0.848	-0.848	0 %100
110	M151A	Z	-0.489	-0.489	0 %100
111	M152A	X	-3.792	-3.792	0 %100
112	M152A	Z	-2.189	-2.189	0 %100
113	M154	X	-0.848	-0.848	0 %100
114	M154	Z	-0.489	-0.489	0 %100



Company :
 Designer :
 Job Number :
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Member Distributed Loads (BLC 63 : Structure Wi (300 Deg)) (Continued)

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...End Location[ft...		
115	M157	X	-3.391	-3.391	0	%100
116	M157	Z	-1.958	-1.958	0	%100
117	M166	X	-1.264	-1.264	0	%100
118	M166	Z	-.73	-.73	0	%100
119	M162A	X	-3.792	-3.792	0	%100
120	M162A	Z	-2.189	-2.189	0	%100
121	M163A	X	-1.264	-1.264	0	%100
122	M163A	Z	-.73	-.73	0	%100
123	M164A	X	-3.792	-3.792	0	%100
124	M164A	Z	-2.189	-2.189	0	%100
125	M165A	X	-1.264	-1.264	0	%100
126	M165A	Z	-.73	-.73	0	%100
127	M166A	X	-3.792	-3.792	0	%100
128	M166A	Z	-2.189	-2.189	0	%100
129	M167	X	-1.264	-1.264	0	%100
130	M167	Z	-.73	-.73	0	%100
131	M168	X	0	0	0	%100
132	M168	Z	0	0	0	%100
133	M169	X	-5.056	-5.056	0	%100
134	M169	Z	-2.919	-2.919	0	%100
135	M170	X	0	0	0	%100
136	M170	Z	0	0	0	%100
137	M171	X	-5.056	-5.056	0	%100
138	M171	Z	-2.919	-2.919	0	%100
139	M172	X	-.785	-.785	0	%100
140	M172	Z	-.453	-.453	0	%100
141	M173	X	-.785	-.785	0	%100
142	M173	Z	-.453	-.453	0	%100
143	M174	X	-3.141	-3.141	0	%100
144	M174	Z	-1.814	-1.814	0	%100
145	M175	X	-.848	-.848	0	%100
146	M175	Z	-.489	-.489	0	%100
147	M176	X	-.848	-.848	0	%100
148	M176	Z	-.489	-.489	0	%100
149	M177	X	-3.391	-3.391	0	%100
150	M177	Z	-1.958	-1.958	0	%100
151	MP4A	X	-3.46	-3.46	0	%100
152	MP4A	Z	-1.997	-1.997	0	%100
153	MP1A	X	-3.46	-3.46	0	%100
154	MP1A	Z	-1.997	-1.997	0	%100
155	MP3A	X	-3.46	-3.46	0	%100
156	MP3A	Z	-1.997	-1.997	0	%100
157	MP2A	X	-3.46	-3.46	0	%100
158	MP2A	Z	-1.997	-1.997	0	%100
159	MP4C	X	-3.46	-3.46	0	%100
160	MP4C	Z	-1.997	-1.997	0	%100
161	MP1C	X	-3.46	-3.46	0	%100
162	MP1C	Z	-1.997	-1.997	0	%100
163	MP3C	X	-3.46	-3.46	0	%100
164	MP3C	Z	-1.997	-1.997	0	%100
165	MP2C	X	-3.46	-3.46	0	%100
166	MP2C	Z	-1.997	-1.997	0	%100
167	MP4B	X	-3.46	-3.46	0	%100
168	MP4B	Z	-1.997	-1.997	0	%100
169	MP1B	X	-3.46	-3.46	0	%100
170	MP1B	Z	-1.997	-1.997	0	%100
171	MP3B	X	-3.46	-3.46	0	%100



Company :
 Designer :
 Job Number :
 Model Name : 467945-VZW_MT_LO_H

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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Locationft...	End Locationft...
172	MP3B	Z	-1.997	-1.997	0 %100
173	MP2B	X	-3.46	-3.46	0 %100
174	MP2B	Z	-1.997	-1.997	0 %100
175	M203	X	-2.788	-2.788	0 %100
176	M203	Z	-1.61	-1.61	0 %100
177	M205	X	-2.788	-2.788	0 %100
178	M205	Z	-1.61	-1.61	0 %100
179	M208	X	-1.162	-1.162	0 %100
180	M208	Z	-671	-671	0 %100
181	M209	X	-1.162	-1.162	0 %100
182	M209	Z	-671	-671	0 %100
183	M210	X	-1.162	-1.162	0 %100
184	M210	Z	-671	-671	0 %100
185	M211	X	-1.162	-1.162	0 %100
186	M211	Z	-671	-671	0 %100
187	M212	X	-1.162	-1.162	0 %100
188	M212	Z	-671	-671	0 %100
189	M213	X	-1.162	-1.162	0 %100
190	M213	Z	-671	-671	0 %100
191	M214	X	-1.162	-1.162	0 %100
192	M214	Z	-671	-671	0 %100
193	M215	X	-1.162	-1.162	0 %100
194	M215	Z	-671	-671	0 %100
195	M218	X	0	0	0 %100
196	M218	Z	0	0	0 %100
197	M219	X	0	0	0 %100
198	M219	Z	0	0	0 %100
199	M220	X	0	0	0 %100
200	M220	Z	0	0	0 %100
201	M221	X	0	0	0 %100
202	M221	Z	0	0	0 %100
203	M210B	X	-997	-997	0 %100
204	M210B	Z	-576	-576	0 %100
205	M215A	X	-997	-997	0 %100
206	M215A	Z	-576	-576	0 %100
207	M220B	X	-3.988	-3.988	0 %100
208	M220B	Z	-2.303	-2.303	0 %100
209	M221B	X	-.87	-.87	0 %100
210	M221B	Z	-.502	-.502	0 %100
211	M222A	X	-3.481	-3.481	0 %100
212	M222A	Z	-2.01	-2.01	0 %100
213	M223A	X	-.87	-.87	0 %100
214	M223A	Z	-.502	-.502	0 %100
215	M224	X	-3.357	-3.357	0 %100
216	M224	Z	-1.938	-1.938	0 %100
217	M225	X	-.249	-.249	0 %100
218	M225	Z	-.144	-.144	0 %100
219	M226	X	-.249	-.249	0 %100
220	M226	Z	-.144	-.144	0 %100
221	M227	X	-3.357	-3.357	0 %100
222	M227	Z	-1.938	-1.938	0 %100
223	M228	X	-3.724	-3.724	0 %100
224	M228	Z	-2.15	-2.15	0 %100
225	M229	X	-3.724	-3.724	0 %100
226	M229	Z	-2.15	-2.15	0 %100



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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...]	End Location[ft...]
1	M1	X	-.449	-.449	0	%100
2	M1	Z	-.777	-.777	0	%100
3	M4	X	-.789	-.789	0	%100
4	M4	Z	-1.366	-1.366	0	%100
5	M5	X	-.789	-.789	0	%100
6	M5	Z	-1.366	-1.366	0	%100
7	M18	X	-1.153	-1.153	0	%100
8	M18	Z	-1.998	-1.998	0	%100
9	M19	X	-1.227	-1.227	0	%100
10	M19	Z	-2.125	-2.125	0	%100
11	M20	X	0	0	0	%100
12	M20	Z	0	0	0	%100
13	M21	X	-1.353	-1.353	0	%100
14	M21	Z	-2.344	-2.344	0	%100
15	M22	X	-1.153	-1.153	0	%100
16	M22	Z	-1.998	-1.998	0	%100
17	M28	X	-2.08	-2.08	0	%100
18	M28	Z	-3.602	-3.602	0	%100
19	M29	X	0	0	0	%100
20	M29	Z	0	0	0	%100
21	M27A	X	-1.227	-1.227	0	%100
22	M27A	Z	-2.125	-2.125	0	%100
23	M28A	X	0	0	0	%100
24	M28A	Z	0	0	0	%100
25	M29A	X	-1.353	-1.353	0	%100
26	M29A	Z	-2.344	-2.344	0	%100
27	M44	X	-1.708	-1.708	0	%100
28	M44	Z	-2.958	-2.958	0	%100
29	M47	X	-2.086	-2.086	0	%100
30	M47	Z	-3.613	-3.613	0	%100
31	M48	X	-2.086	-2.086	0	%100
32	M48	Z	-3.613	-3.613	0	%100
33	M51	X	-1.635	-1.635	0	%100
34	M51	Z	-2.832	-2.832	0	%100
35	M52	X	-1.794	-1.794	0	%100
36	M52	Z	-3.108	-3.108	0	%100
37	M55	X	-3.154	-3.154	0	%100
38	M55	Z	-5.463	-5.463	0	%100
39	M56	X	-3.154	-3.154	0	%100
40	M56	Z	-5.463	-5.463	0	%100
41	M69	X	0	0	0	%100
42	M69	Z	0	0	0	%100
43	M70	X	-1.227	-1.227	0	%100
44	M70	Z	-2.125	-2.125	0	%100
45	M71	X	-1.227	-1.227	0	%100
46	M71	Z	-2.125	-2.125	0	%100
47	M72	X	0	0	0	%100
48	M72	Z	0	0	0	%100
49	M73	X	0	0	0	%100
50	M73	Z	0	0	0	%100
51	M76	X	-2.08	-2.08	0	%100
52	M76	Z	-3.602	-3.602	0	%100
53	M77	X	-2.08	-2.08	0	%100
54	M77	Z	-3.602	-3.602	0	%100
55	M78	X	-1.227	-1.227	0	%100
56	M78	Z	-2.125	-2.125	0	%100
57	M79	X	-1.227	-1.227	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Locationft...	End Locationft...
58	M79	Z	-2.125	-2.125	0 %100
59	M80	X	0	0	0 %100
60	M80	Z	0	0	0 %100
61	M95	X	-3.671	-3.671	0 %100
62	M95	Z	-6.358	-6.358	0 %100
63	M98	X	-1.053	-1.053	0 %100
64	M98	Z	-1.825	-1.825	0 %100
65	M99	X	-1.053	-1.053	0 %100
66	M99	Z	-1.825	-1.825	0 %100
67	M102	X	0	0	0 %100
68	M102	Z	0	0	0 %100
69	M103	X	-0.449	-0.449	0 %100
70	M103	Z	-0.777	-0.777	0 %100
71	M106	X	-0.789	-0.789	0 %100
72	M106	Z	-1.366	-1.366	0 %100
73	M107	X	-0.789	-0.789	0 %100
74	M107	Z	-1.366	-1.366	0 %100
75	M120	X	-1.153	-1.153	0 %100
76	M120	Z	-1.998	-1.998	0 %100
77	M121	X	0	0	0 %100
78	M121	Z	0	0	0 %100
79	M122	X	-1.227	-1.227	0 %100
80	M122	Z	-2.125	-2.125	0 %100
81	M123	X	-1.353	-1.353	0 %100
82	M123	Z	-2.344	-2.344	0 %100
83	M124	X	-1.153	-1.153	0 %100
84	M124	Z	-1.998	-1.998	0 %100
85	M127	X	0	0	0 %100
86	M127	Z	0	0	0 %100
87	M128	X	-2.08	-2.08	0 %100
88	M128	Z	-3.602	-3.602	0 %100
89	M129	X	0	0	0 %100
90	M129	Z	0	0	0 %100
91	M130	X	-1.227	-1.227	0 %100
92	M130	Z	-2.125	-2.125	0 %100
93	M131	X	-1.353	-1.353	0 %100
94	M131	Z	-2.344	-2.344	0 %100
95	M146	X	-1.708	-1.708	0 %100
96	M146	Z	-2.958	-2.958	0 %100
97	M149	X	-3.016	-3.016	0 %100
98	M149	Z	-5.225	-5.225	0 %100
99	M150	X	-3.016	-3.016	0 %100
100	M150	Z	-5.225	-5.225	0 %100
101	M153	X	-1.635	-1.635	0 %100
102	M153	Z	-2.832	-2.832	0 %100
103	M148A	X	-2.432	-2.432	0 %100
104	M148A	Z	-4.213	-4.213	0 %100
105	M149A	X	0	0	0 %100
106	M149A	Z	0	0	0 %100
107	M150A	X	-2.432	-2.432	0 %100
108	M150A	Z	-4.213	-4.213	0 %100
109	M151A	X	-1.468	-1.468	0 %100
110	M151A	Z	-2.544	-2.544	0 %100
111	M152A	X	-0.73	-0.73	0 %100
112	M152A	Z	-1.264	-1.264	0 %100
113	M154	X	0	0	0 %100
114	M154	Z	0	0	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...End Location[ft...		
115	M157	X	-1.468	-1.468	0	%100
116	M157	Z	-2.544	-2.544	0	%100
117	M166	X	-2.189	-2.189	0	%100
118	M166	Z	-3.792	-3.792	0	%100
119	M162A	X	-.73	-.73	0	%100
120	M162A	Z	-1.264	-1.264	0	%100
121	M163A	X	-2.189	-2.189	0	%100
122	M163A	Z	-3.792	-3.792	0	%100
123	M164A	X	-2.919	-2.919	0	%100
124	M164A	Z	-5.056	-5.056	0	%100
125	M165A	X	0	0	0	%100
126	M165A	Z	0	0	0	%100
127	M166A	X	-2.919	-2.919	0	%100
128	M166A	Z	-5.056	-5.056	0	%100
129	M167	X	0	0	0	%100
130	M167	Z	0	0	0	%100
131	M168	X	-.73	-.73	0	%100
132	M168	Z	-1.264	-1.264	0	%100
133	M169	X	-2.189	-2.189	0	%100
134	M169	Z	-3.792	-3.792	0	%100
135	M170	X	-.73	-.73	0	%100
136	M170	Z	-1.264	-1.264	0	%100
137	M171	X	-2.189	-2.189	0	%100
138	M171	Z	-3.792	-3.792	0	%100
139	M172	X	-1.36	-1.36	0	%100
140	M172	Z	-2.356	-2.356	0	%100
141	M173	X	0	0	0	%100
142	M173	Z	0	0	0	%100
143	M174	X	-1.36	-1.36	0	%100
144	M174	Z	-2.356	-2.356	0	%100
145	M175	X	-1.468	-1.468	0	%100
146	M175	Z	-2.544	-2.544	0	%100
147	M176	X	0	0	0	%100
148	M176	Z	0	0	0	%100
149	M177	X	-1.468	-1.468	0	%100
150	M177	Z	-2.544	-2.544	0	%100
151	MP4A	X	-1.941	-1.941	0	%100
152	MP4A	Z	-3.362	-3.362	0	%100
153	MP1A	X	-1.941	-1.941	0	%100
154	MP1A	Z	-3.362	-3.362	0	%100
155	MP3A	X	-1.941	-1.941	0	%100
156	MP3A	Z	-3.362	-3.362	0	%100
157	MP2A	X	-1.941	-1.941	0	%100
158	MP2A	Z	-3.362	-3.362	0	%100
159	MP4C	X	-1.941	-1.941	0	%100
160	MP4C	Z	-3.362	-3.362	0	%100
161	MP1C	X	-1.941	-1.941	0	%100
162	MP1C	Z	-3.362	-3.362	0	%100
163	MP3C	X	-1.941	-1.941	0	%100
164	MP3C	Z	-3.362	-3.362	0	%100
165	MP2C	X	-1.941	-1.941	0	%100
166	MP2C	Z	-3.362	-3.362	0	%100
167	MP4B	X	-1.941	-1.941	0	%100
168	MP4B	Z	-3.362	-3.362	0	%100
169	MP1B	X	-1.941	-1.941	0	%100
170	MP1B	Z	-3.362	-3.362	0	%100
171	MP3B	X	-1.941	-1.941	0	%100

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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Locationft...	End Locationft...
172	MP3B	Z	-3.362	0	%100
173	MP2B	X	-1.941	0	%100
174	MP2B	Z	-3.362	0	%100
175	M203	X	-1.579	0	%100
176	M203	Z	-2.736	0	%100
177	M205	X	-1.579	0	%100
178	M205	Z	-2.736	0	%100
179	M208	X	-.224	0	%100
180	M208	Z	-.387	0	%100
181	M209	X	-.224	0	%100
182	M209	Z	-.387	0	%100
183	M210	X	-.224	0	%100
184	M210	Z	-.387	0	%100
185	M211	X	-.224	0	%100
186	M211	Z	-.387	0	%100
187	M212	X	-.895	0	%100
188	M212	Z	-1.55	0	%100
189	M213	X	-.895	0	%100
190	M213	Z	-1.55	0	%100
191	M214	X	-.895	0	%100
192	M214	Z	-1.55	0	%100
193	M215	X	-.895	0	%100
194	M215	Z	-1.55	0	%100
195	M218	X	-.224	0	%100
196	M218	Z	-.387	0	%100
197	M219	X	-.224	0	%100
198	M219	Z	-.387	0	%100
199	M220	X	-.224	0	%100
200	M220	Z	-.387	0	%100
201	M221	X	-.224	0	%100
202	M221	Z	-.387	0	%100
203	M210B	X	-1.727	0	%100
204	M210B	Z	-2.991	0	%100
205	M215A	X	0	0	%100
206	M215A	Z	0	0	%100
207	M220B	X	-1.727	0	%100
208	M220B	Z	-2.991	0	%100
209	M221B	X	0	0	%100
210	M221B	Z	0	0	%100
211	M222A	X	-1.507	0	%100
212	M222A	Z	-2.61	0	%100
213	M223A	X	-1.507	0	%100
214	M223A	Z	-2.61	0	%100
215	M224	X	-2.678	0	%100
216	M224	Z	-4.638	0	%100
217	M225	X	-.883	0	%100
218	M225	Z	-1.53	0	%100
219	M226	X	-.672	0	%100
220	M226	Z	-1.163	0	%100
221	M227	X	-.672	0	%100
222	M227	Z	-1.163	0	%100
223	M228	X	-.883	0	%100
224	M228	Z	-1.53	0	%100
225	M229	X	-2.678	0	%100
226	M229	Z	-4.638	0	%100



Company :
 Designer :
 Job Number :
 Model Name : 467945-VZW_MT_LO_H

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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...End Location[ft...		
1	M1	X	0	0	%100	
2	M1	Z	0	0	%100	
3	M4	X	0	0	%100	
4	M4	Z	0	0	%100	
5	M5	X	0	0	%100	
6	M5	Z	0	0	%100	
7	M18	X	0	0	%100	
8	M18	Z	-573	-573	0	%100
9	M19	X	0	0	0	%100
10	M19	Z	-155	-155	0	%100
11	M20	X	0	0	0	%100
12	M20	Z	-155	-155	0	%100
13	M21	X	0	0	0	%100
14	M21	Z	-693	-693	0	%100
15	M22	X	0	0	0	%100
16	M22	Z	-573	-573	0	%100
17	M28	X	0	0	0	%100
18	M28	Z	-351	-351	0	%100
19	M29	X	0	0	0	%100
20	M29	Z	-351	-351	0	%100
21	M27A	X	0	0	0	%100
22	M27A	Z	-155	-155	0	%100
23	M28A	X	0	0	0	%100
24	M28A	Z	-155	-155	0	%100
25	M29A	X	0	0	0	%100
26	M29A	Z	-693	-693	0	%100
27	M44	X	0	0	0	%100
28	M44	Z	-215	-215	0	%100
29	M47	X	0	0	0	%100
30	M47	Z	-131	-131	0	%100
31	M48	X	0	0	0	%100
32	M48	Z	-131	-131	0	%100
33	M51	X	0	0	0	%100
34	M51	Z	-773	-773	0	%100
35	M52	X	0	0	0	%100
36	M52	Z	-482	-482	0	%100
37	M55	X	0	0	0	%100
38	M55	Z	-1.186	-1.186	0	%100
39	M56	X	0	0	0	%100
40	M56	Z	-1.186	-1.186	0	%100
41	M69	X	0	0	0	%100
42	M69	Z	-143	-143	0	%100
43	M70	X	0	0	0	%100
44	M70	Z	-62	-62	0	%100
45	M71	X	0	0	0	%100
46	M71	Z	-155	-155	0	%100
47	M72	X	0	0	0	%100
48	M72	Z	-173	-173	0	%100
49	M73	X	0	0	0	%100
50	M73	Z	-143	-143	0	%100
51	M76	X	0	0	0	%100
52	M76	Z	-1.405	-1.405	0	%100
53	M77	X	0	0	0	%100
54	M77	Z	-351	-351	0	%100
55	M78	X	0	0	0	%100
56	M78	Z	-62	-62	0	%100
57	M79	X	0	0	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Locationft...	End Locationft...
58	M79	Z	-.155	-.155	0 %100
59	M80	X	0	0	0 %100
60	M80	Z	-.173	-.173	0 %100
61	M95	X	0	0	0 %100
62	M95	Z	-1.628	-1.628	0 %100
63	M98	X	0	0	0 %100
64	M98	Z	-.686	-.686	0 %100
65	M99	X	0	0	0 %100
66	M99	Z	-.686	-.686	0 %100
67	M102	X	0	0	0 %100
68	M102	Z	-.193	-.193	0 %100
69	M103	X	0	0	0 %100
70	M103	Z	-.482	-.482	0 %100
71	M106	X	0	0	0 %100
72	M106	Z	-1.186	-1.186	0 %100
73	M107	X	0	0	0 %100
74	M107	Z	-1.186	-1.186	0 %100
75	M120	X	0	0	0 %100
76	M120	Z	-.143	-.143	0 %100
77	M121	X	0	0	0 %100
78	M121	Z	-.155	-.155	0 %100
79	M122	X	0	0	0 %100
80	M122	Z	-.62	-.62	0 %100
81	M123	X	0	0	0 %100
82	M123	Z	-.173	-.173	0 %100
83	M124	X	0	0	0 %100
84	M124	Z	-.143	-.143	0 %100
85	M127	X	0	0	0 %100
86	M127	Z	-.351	-.351	0 %100
87	M128	X	0	0	0 %100
88	M128	Z	-1.405	-1.405	0 %100
89	M129	X	0	0	0 %100
90	M129	Z	-.155	-.155	0 %100
91	M130	X	0	0	0 %100
92	M130	Z	-.62	-.62	0 %100
93	M131	X	0	0	0 %100
94	M131	Z	-.173	-.173	0 %100
95	M146	X	0	0	0 %100
96	M146	Z	-1.628	-1.628	0 %100
97	M149	X	0	0	0 %100
98	M149	Z	-.686	-.686	0 %100
99	M150	X	0	0	0 %100
100	M150	Z	-.686	-.686	0 %100
101	M153	X	0	0	0 %100
102	M153	Z	-.193	-.193	0 %100
103	M148A	X	0	0	0 %100
104	M148A	Z	-1.62	-1.62	0 %100
105	M149A	X	0	0	0 %100
106	M149A	Z	-.405	-.405	0 %100
107	M150A	X	0	0	0 %100
108	M150A	Z	-.405	-.405	0 %100
109	M151A	X	0	0	0 %100
110	M151A	Z	-.623	-.623	0 %100
111	M152A	X	0	0	0 %100
112	M152A	Z	0	0	0 %100
113	M154	X	0	0	0 %100
114	M154	Z	-.156	-.156	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...End Location[ft...	
115	M157	X	0	0	%100
116	M157	Z	-.156	-.156	%100
117	M166	X	0	0	%100
118	M166	Z	-1.575	-1.575	%100
119	M162A	X	0	0	%100
120	M162A	Z	0	0	%100
121	M163A	X	0	0	%100
122	M163A	Z	-1.575	-1.575	%100
123	M164A	X	0	0	%100
124	M164A	Z	-1.181	-1.181	%100
125	M165A	X	0	0	%100
126	M165A	Z	-.394	-.394	%100
127	M166A	X	0	0	%100
128	M166A	Z	-1.181	-1.181	%100
129	M167	X	0	0	%100
130	M167	Z	-.394	-.394	%100
131	M168	X	0	0	%100
132	M168	Z	-1.181	-1.181	%100
133	M169	X	0	0	%100
134	M169	Z	-.394	-.394	%100
135	M170	X	0	0	%100
136	M170	Z	-1.181	-1.181	%100
137	M171	X	0	0	%100
138	M171	Z	-.394	-.394	%100
139	M172	X	0	0	%100
140	M172	Z	-.578	-.578	%100
141	M173	X	0	0	%100
142	M173	Z	-.144	-.144	%100
143	M174	X	0	0	%100
144	M174	Z	-.144	-.144	%100
145	M175	X	0	0	%100
146	M175	Z	-.623	-.623	%100
147	M176	X	0	0	%100
148	M176	Z	-.156	-.156	%100
149	M177	X	0	0	%100
150	M177	Z	-.156	-.156	%100
151	MP4A	X	0	0	%100
152	MP4A	Z	-.542	-.542	%100
153	MP1A	X	0	0	%100
154	MP1A	Z	-.542	-.542	%100
155	MP3A	X	0	0	%100
156	MP3A	Z	-.542	-.542	%100
157	MP2A	X	0	0	%100
158	MP2A	Z	-.542	-.542	%100
159	MP4C	X	0	0	%100
160	MP4C	Z	-.542	-.542	%100
161	MP1C	X	0	0	%100
162	MP1C	Z	-.542	-.542	%100
163	MP3C	X	0	0	%100
164	MP3C	Z	-.542	-.542	%100
165	MP2C	X	0	0	%100
166	MP2C	Z	-.542	-.542	%100
167	MP4B	X	0	0	%100
168	MP4B	Z	-.542	-.542	%100
169	MP1B	X	0	0	%100
170	MP1B	Z	-.542	-.542	%100
171	MP3B	X	0	0	%100

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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Locationft...	End Locationft...
172	MP3B	Z	-0.542	-0.542	0 %100
173	MP2B	X	0	0	0 %100
174	MP2B	Z	-0.542	-0.542	0 %100
175	M203	X	0	0	0 %100
176	M203	Z	-0.466	-0.466	0 %100
177	M205	X	0	0	0 %100
178	M205	Z	-0.466	-0.466	0 %100
179	M208	X	0	0	0 %100
180	M208	Z	0	0	0 %100
181	M209	X	0	0	0 %100
182	M209	Z	0	0	0 %100
183	M210	X	0	0	0 %100
184	M210	Z	0	0	0 %100
185	M211	X	0	0	0 %100
186	M211	Z	0	0	0 %100
187	M212	X	0	0	0 %100
188	M212	Z	-0.088	-0.088	0 %100
189	M213	X	0	0	0 %100
190	M213	Z	-0.088	-0.088	0 %100
191	M214	X	0	0	0 %100
192	M214	Z	-0.088	-0.088	0 %100
193	M215	X	0	0	0 %100
194	M215	Z	-0.088	-0.088	0 %100
195	M218	X	0	0	0 %100
196	M218	Z	-0.088	-0.088	0 %100
197	M219	X	0	0	0 %100
198	M219	Z	-0.088	-0.088	0 %100
199	M220	X	0	0	0 %100
200	M220	Z	-0.088	-0.088	0 %100
201	M221	X	0	0	0 %100
202	M221	Z	-0.088	-0.088	0 %100
203	M210B	X	0	0	0 %100
204	M210B	Z	-0.755	-0.755	0 %100
205	M215A	X	0	0	0 %100
206	M215A	Z	-0.189	-0.189	0 %100
207	M220B	X	0	0	0 %100
208	M220B	Z	-0.189	-0.189	0 %100
209	M221B	X	0	0	0 %100
210	M221B	Z	-0.22	-0.22	0 %100
211	M222A	X	0	0	0 %100
212	M222A	Z	-0.22	-0.22	0 %100
213	M223A	X	0	0	0 %100
214	M223A	Z	-0.879	-0.879	0 %100
215	M224	X	0	0	0 %100
216	M224	Z	-0.876	-0.876	0 %100
217	M225	X	0	0	0 %100
218	M225	Z	-0.876	-0.876	0 %100
219	M226	X	0	0	0 %100
220	M226	Z	-0.79	-0.79	0 %100
221	M227	X	0	0	0 %100
222	M227	Z	-0.059	-0.059	0 %100
223	M228	X	0	0	0 %100
224	M228	Z	-0.059	-0.059	0 %100
225	M229	X	0	0	0 %100
226	M229	Z	-0.79	-0.79	0 %100



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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...]	End Location[ft...]
1	M1	X	.08	.08	0	%100
2	M1	Z	-.139	-.139	0	%100
3	M4	X	.198	.198	0	%100
4	M4	Z	-.342	-.342	0	%100
5	M5	X	.198	.198	0	%100
6	M5	Z	-.342	-.342	0	%100
7	M18	X	.215	.215	0	%100
8	M18	Z	-.372	-.372	0	%100
9	M19	X	0	0	0	%100
10	M19	Z	0	0	0	%100
11	M20	X	.232	.232	0	%100
12	M20	Z	-.402	-.402	0	%100
13	M21	X	.26	.26	0	%100
14	M21	Z	-.45	-.45	0	%100
15	M22	X	.215	.215	0	%100
16	M22	Z	-.372	-.372	0	%100
17	M28	X	0	0	0	%100
18	M28	Z	0	0	0	%100
19	M29	X	.527	.527	0	%100
20	M29	Z	-.912	-.912	0	%100
21	M27A	X	0	0	0	%100
22	M27A	Z	0	0	0	%100
23	M28A	X	.232	.232	0	%100
24	M28A	Z	-.402	-.402	0	%100
25	M29A	X	.26	.26	0	%100
26	M29A	Z	-.45	-.45	0	%100
27	M44	X	.343	.343	0	%100
28	M44	Z	-.594	-.594	0	%100
29	M47	X	.479	.479	0	%100
30	M47	Z	-.83	-.83	0	%100
31	M48	X	.479	.479	0	%100
32	M48	Z	-.83	-.83	0	%100
33	M51	X	.29	.29	0	%100
34	M51	Z	-.502	-.502	0	%100
35	M52	X	.08	.08	0	%100
36	M52	Z	-.139	-.139	0	%100
37	M55	X	.198	.198	0	%100
38	M55	Z	-.342	-.342	0	%100
39	M56	X	.198	.198	0	%100
40	M56	Z	-.342	-.342	0	%100
41	M69	X	.215	.215	0	%100
42	M69	Z	-.372	-.372	0	%100
43	M70	X	.232	.232	0	%100
44	M70	Z	-.402	-.402	0	%100
45	M71	X	0	0	0	%100
46	M71	Z	0	0	0	%100
47	M72	X	.26	.26	0	%100
48	M72	Z	-.45	-.45	0	%100
49	M73	X	.215	.215	0	%100
50	M73	Z	-.372	-.372	0	%100
51	M76	X	.527	.527	0	%100
52	M76	Z	-.912	-.912	0	%100
53	M77	X	0	0	0	%100
54	M77	Z	0	0	0	%100
55	M78	X	.232	.232	0	%100
56	M78	Z	-.402	-.402	0	%100
57	M79	X	0	0	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Locationft...	End Locationft...
58	M79	Z	0	0	%100
59	M80	X	.26	.26	%100
60	M80	Z	-.45	-.45	%100
61	M95	X	.343	.343	%100
62	M95	Z	-.594	-.594	%100
63	M98	X	.814	.814	%100
64	M98	Z	-1.41	-1.41	%100
65	M99	X	.814	.814	%100
66	M99	Z	-1.41	-1.41	%100
67	M102	X	.29	.29	%100
68	M102	Z	-.502	-.502	%100
69	M103	X	.321	.321	%100
70	M103	Z	-.556	-.556	%100
71	M106	X	.791	.791	%100
72	M106	Z	-1.37	-1.37	%100
73	M107	X	.791	.791	%100
74	M107	Z	-1.37	-1.37	%100
75	M120	X	0	0	%100
76	M120	Z	0	0	%100
77	M121	X	.232	.232	%100
78	M121	Z	-.402	-.402	%100
79	M122	X	.232	.232	%100
80	M122	Z	-.402	-.402	%100
81	M123	X	0	0	%100
82	M123	Z	0	0	%100
83	M124	X	0	0	%100
84	M124	Z	0	0	%100
85	M127	X	.527	.527	%100
86	M127	Z	-.912	-.912	%100
87	M128	X	.527	.527	%100
88	M128	Z	-.912	-.912	%100
89	M129	X	.232	.232	%100
90	M129	Z	-.402	-.402	%100
91	M130	X	.232	.232	%100
92	M130	Z	-.402	-.402	%100
93	M131	X	0	0	%100
94	M131	Z	0	0	%100
95	M146	X	1.05	1.05	%100
96	M146	Z	-1.818	-1.818	%100
97	M149	X	.108	.108	%100
98	M149	Z	-.186	-.186	%100
99	M150	X	.108	.108	%100
100	M150	Z	-.186	-.186	%100
101	M153	X	0	0	%100
102	M153	Z	0	0	%100
103	M148A	X	.608	.608	%100
104	M148A	Z	-1.052	-1.052	%100
105	M149A	X	.608	.608	%100
106	M149A	Z	-1.052	-1.052	%100
107	M150A	X	0	0	%100
108	M150A	Z	0	0	%100
109	M151A	X	.234	.234	%100
110	M151A	Z	-.405	-.405	%100
111	M152A	X	.197	.197	%100
112	M152A	Z	-.341	-.341	%100
113	M154	X	.234	.234	%100
114	M154	Z	-.405	-.405	%100



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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...]	End Location[ft...]
115	M157	X	0	0	0	%100
116	M157	Z	0	0	0	%100
117	M166	X	.59	.59	0	%100
118	M166	Z	-1.023	-1.023	0	%100
119	M162A	X	.197	.197	0	%100
120	M162A	Z	-.341	-.341	0	%100
121	M163A	X	.59	.59	0	%100
122	M163A	Z	-1.023	-1.023	0	%100
123	M164A	X	.197	.197	0	%100
124	M164A	Z	-.341	-.341	0	%100
125	M165A	X	.59	.59	0	%100
126	M165A	Z	-1.023	-1.023	0	%100
127	M166A	X	.197	.197	0	%100
128	M166A	Z	-.341	-.341	0	%100
129	M167	X	.59	.59	0	%100
130	M167	Z	-1.023	-1.023	0	%100
131	M168	X	.787	.787	0	%100
132	M168	Z	-1.364	-1.364	0	%100
133	M169	X	0	0	0	%100
134	M169	Z	0	0	0	%100
135	M170	X	.787	.787	0	%100
136	M170	Z	-1.364	-1.364	0	%100
137	M171	X	0	0	0	%100
138	M171	Z	0	0	0	%100
139	M172	X	.217	.217	0	%100
140	M172	Z	-.375	-.375	0	%100
141	M173	X	.217	.217	0	%100
142	M173	Z	-.375	-.375	0	%100
143	M174	X	0	0	0	%100
144	M174	Z	0	0	0	%100
145	M175	X	.234	.234	0	%100
146	M175	Z	-.405	-.405	0	%100
147	M176	X	.234	.234	0	%100
148	M176	Z	-.405	-.405	0	%100
149	M177	X	0	0	0	%100
150	M177	Z	0	0	0	%100
151	MP4A	X	.281	.281	0	%100
152	MP4A	Z	-.487	-.487	0	%100
153	MP1A	X	.281	.281	0	%100
154	MP1A	Z	-.487	-.487	0	%100
155	MP3A	X	.281	.281	0	%100
156	MP3A	Z	-.487	-.487	0	%100
157	MP2A	X	.281	.281	0	%100
158	MP2A	Z	-.487	-.487	0	%100
159	MP4C	X	.281	.281	0	%100
160	MP4C	Z	-.487	-.487	0	%100
161	MP1C	X	.281	.281	0	%100
162	MP1C	Z	-.487	-.487	0	%100
163	MP3C	X	.281	.281	0	%100
164	MP3C	Z	-.487	-.487	0	%100
165	MP2C	X	.281	.281	0	%100
166	MP2C	Z	-.487	-.487	0	%100
167	MP4B	X	.281	.281	0	%100
168	MP4B	Z	-.487	-.487	0	%100
169	MP1B	X	.281	.281	0	%100
170	MP1B	Z	-.487	-.487	0	%100
171	MP3B	X	.281	.281	0	%100

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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Locationft...	End Locationft...
172	MP3B	Z	-.487	-.487	0 %100
173	MP2B	X	.281	.281	0 %100
174	MP2B	Z	-.487	-.487	0 %100
175	M203	X	.239	.239	0 %100
176	M203	Z	-.413	-.413	0 %100
177	M205	X	.239	.239	0 %100
178	M205	Z	-.413	-.413	0 %100
179	M208	X	.015	.015	0 %100
180	M208	Z	-.025	-.025	0 %100
181	M209	X	.015	.015	0 %100
182	M209	Z	-.025	-.025	0 %100
183	M210	X	.015	.015	0 %100
184	M210	Z	-.025	-.025	0 %100
185	M211	X	.015	.015	0 %100
186	M211	Z	-.025	-.025	0 %100
187	M212	X	.015	.015	0 %100
188	M212	Z	-.025	-.025	0 %100
189	M213	X	.015	.015	0 %100
190	M213	Z	-.025	-.025	0 %100
191	M214	X	.015	.015	0 %100
192	M214	Z	-.025	-.025	0 %100
193	M215	X	.015	.015	0 %100
194	M215	Z	-.025	-.025	0 %100
195	M218	X	.059	.059	0 %100
196	M218	Z	-.102	-.102	0 %100
197	M219	X	.059	.059	0 %100
198	M219	Z	-.102	-.102	0 %100
199	M220	X	.059	.059	0 %100
200	M220	Z	-.102	-.102	0 %100
201	M221	X	.059	.059	0 %100
202	M221	Z	-.102	-.102	0 %100
203	M210B	X	.283	.283	0 %100
204	M210B	Z	-.49	-.49	0 %100
205	M215A	X	.283	.283	0 %100
206	M215A	Z	-.49	-.49	0 %100
207	M220B	X	0	0	0 %100
208	M220B	Z	0	0	0 %100
209	M221B	X	.33	.33	0 %100
210	M221B	Z	-.571	-.571	0 %100
211	M222A	X	0	0	0 %100
212	M222A	Z	0	0	0 %100
213	M223A	X	.33	.33	0 %100
214	M223A	Z	-.571	-.571	0 %100
215	M224	X	.18	.18	0 %100
216	M224	Z	-.312	-.312	0 %100
217	M225	X	.546	.546	0 %100
218	M225	Z	-.945	-.945	0 %100
219	M226	X	.546	.546	0 %100
220	M226	Z	-.945	-.945	0 %100
221	M227	X	.18	.18	0 %100
222	M227	Z	-.312	-.312	0 %100
223	M228	X	.137	.137	0 %100
224	M228	Z	-.237	-.237	0 %100
225	M229	X	.137	.137	0 %100
226	M229	Z	-.237	-.237	0 %100



Company :
 Designer :
 Job Number :
 Model Name : 467945-VZW_MT_LO_H

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...]	End Location[ft...]
1	M1	X	.417	.417	0	%100
2	M1	Z	-.241	-.241	0	%100
3	M4	X	1.027	1.027	0	%100
4	M4	Z	-.593	-.593	0	%100
5	M5	X	1.027	1.027	0	%100
6	M5	Z	-.593	-.593	0	%100
7	M18	X	.124	.124	0	%100
8	M18	Z	-.072	-.072	0	%100
9	M19	X	.134	.134	0	%100
10	M19	Z	-.077	-.077	0	%100
11	M20	X	.537	.537	0	%100
12	M20	Z	-.31	-.31	0	%100
13	M21	X	.15	.15	0	%100
14	M21	Z	-.087	-.087	0	%100
15	M22	X	.124	.124	0	%100
16	M22	Z	-.072	-.072	0	%100
17	M28	X	.304	.304	0	%100
18	M28	Z	-.176	-.176	0	%100
19	M29	X	1.216	1.216	0	%100
20	M29	Z	-.702	-.702	0	%100
21	M27A	X	.134	.134	0	%100
22	M27A	Z	-.077	-.077	0	%100
23	M28A	X	.537	.537	0	%100
24	M28A	Z	-.31	-.31	0	%100
25	M29A	X	.15	.15	0	%100
26	M29A	Z	-.087	-.087	0	%100
27	M44	X	1.41	1.41	0	%100
28	M44	Z	-.814	-.814	0	%100
29	M47	X	2.263	2.263	0	%100
30	M47	Z	-1.307	-1.307	0	%100
31	M48	X	2.263	2.263	0	%100
32	M48	Z	-1.307	-1.307	0	%100
33	M51	X	.167	.167	0	%100
34	M51	Z	-.097	-.097	0	%100
35	M52	X	0	0	0	%100
36	M52	Z	0	0	0	%100
37	M55	X	0	0	0	%100
38	M55	Z	0	0	0	%100
39	M56	X	0	0	0	%100
40	M56	Z	0	0	0	%100
41	M69	X	.497	.497	0	%100
42	M69	Z	-.287	-.287	0	%100
43	M70	X	.134	.134	0	%100
44	M70	Z	-.077	-.077	0	%100
45	M71	X	.134	.134	0	%100
46	M71	Z	-.077	-.077	0	%100
47	M72	X	.6	.6	0	%100
48	M72	Z	-.346	-.346	0	%100
49	M73	X	.497	.497	0	%100
50	M73	Z	-.287	-.287	0	%100
51	M76	X	.304	.304	0	%100
52	M76	Z	-.176	-.176	0	%100
53	M77	X	.304	.304	0	%100
54	M77	Z	-.176	-.176	0	%100
55	M78	X	.134	.134	0	%100
56	M78	Z	-.077	-.077	0	%100
57	M79	X	.134	.134	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Locationft...	End Locationft...
58	M79	Z	-.077	-.077	0 %100
59	M80	X	.6	.6	0 %100
60	M80	Z	-.346	-.346	0 %100
61	M95	X	.186	.186	0 %100
62	M95	Z	-.108	-.108	0 %100
63	M98	X	1.818	1.818	0 %100
64	M98	Z	-1.05	-1.05	0 %100
65	M99	X	1.818	1.818	0 %100
66	M99	Z	-1.05	-1.05	0 %100
67	M102	X	.67	.67	0 %100
68	M102	Z	-.387	-.387	0 %100
69	M103	X	.417	.417	0 %100
70	M103	Z	-.241	-.241	0 %100
71	M106	X	1.027	1.027	0 %100
72	M106	Z	-.593	-.593	0 %100
73	M107	X	1.027	1.027	0 %100
74	M107	Z	-.593	-.593	0 %100
75	M120	X	.124	.124	0 %100
76	M120	Z	-.072	-.072	0 %100
77	M121	X	.537	.537	0 %100
78	M121	Z	-.31	-.31	0 %100
79	M122	X	.134	.134	0 %100
80	M122	Z	-.077	-.077	0 %100
81	M123	X	.15	.15	0 %100
82	M123	Z	-.087	-.087	0 %100
83	M124	X	.124	.124	0 %100
84	M124	Z	-.072	-.072	0 %100
85	M127	X	1.216	1.216	0 %100
86	M127	Z	-.702	-.702	0 %100
87	M128	X	.304	.304	0 %100
88	M128	Z	-.176	-.176	0 %100
89	M129	X	.537	.537	0 %100
90	M129	Z	-.31	-.31	0 %100
91	M130	X	.134	.134	0 %100
92	M130	Z	-.077	-.077	0 %100
93	M131	X	.15	.15	0 %100
94	M131	Z	-.087	-.087	0 %100
95	M146	X	1.41	1.41	0 %100
96	M146	Z	-.814	-.814	0 %100
97	M149	X	.594	.594	0 %100
98	M149	Z	-.343	-.343	0 %100
99	M150	X	.594	.594	0 %100
100	M150	Z	-.343	-.343	0 %100
101	M153	X	.167	.167	0 %100
102	M153	Z	-.097	-.097	0 %100
103	M148A	X	.351	.351	0 %100
104	M148A	Z	-.203	-.203	0 %100
105	M149A	X	1.403	1.403	0 %100
106	M149A	Z	-.81	-.81	0 %100
107	M150A	X	.351	.351	0 %100
108	M150A	Z	-.203	-.203	0 %100
109	M151A	X	.135	.135	0 %100
110	M151A	Z	-.078	-.078	0 %100
111	M152A	X	1.023	1.023	0 %100
112	M152A	Z	-.59	-.59	0 %100
113	M154	X	.54	.54	0 %100
114	M154	Z	-.312	-.312	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...End Location[ft...
115	M157	X	.135	.135 0 %100
116	M157	Z	-.078	-.078 0 %100
117	M166	X	.341	.341 0 %100
118	M166	Z	-.197	-.197 0 %100
119	M162A	X	1.023	1.023 0 %100
120	M162A	Z	-.59	-.59 0 %100
121	M163A	X	.341	.341 0 %100
122	M163A	Z	-.197	-.197 0 %100
123	M164A	X	0	0 0 %100
124	M164A	Z	0	0 0 %100
125	M165A	X	1.364	1.364 0 %100
126	M165A	Z	-.787	-.787 0 %100
127	M166A	X	0	0 0 %100
128	M166A	Z	0	0 0 %100
129	M167	X	1.364	1.364 0 %100
130	M167	Z	-.787	-.787 0 %100
131	M168	X	1.023	1.023 0 %100
132	M168	Z	-.59	-.59 0 %100
133	M169	X	.341	.341 0 %100
134	M169	Z	-.197	-.197 0 %100
135	M170	X	1.023	1.023 0 %100
136	M170	Z	-.59	-.59 0 %100
137	M171	X	.341	.341 0 %100
138	M171	Z	-.197	-.197 0 %100
139	M172	X	.125	.125 0 %100
140	M172	Z	-.072	-.072 0 %100
141	M173	X	.5	.5 0 %100
142	M173	Z	-.289	-.289 0 %100
143	M174	X	.125	.125 0 %100
144	M174	Z	-.072	-.072 0 %100
145	M175	X	.135	.135 0 %100
146	M175	Z	-.078	-.078 0 %100
147	M176	X	.54	.54 0 %100
148	M176	Z	-.312	-.312 0 %100
149	M177	X	.135	.135 0 %100
150	M177	Z	-.078	-.078 0 %100
151	MP4A	X	.522	.522 0 %100
152	MP4A	Z	-.302	-.302 0 %100
153	MP1A	X	.522	.522 0 %100
154	MP1A	Z	-.302	-.302 0 %100
155	MP3A	X	.522	.522 0 %100
156	MP3A	Z	-.302	-.302 0 %100
157	MP2A	X	.522	.522 0 %100
158	MP2A	Z	-.302	-.302 0 %100
159	MP4C	X	.522	.522 0 %100
160	MP4C	Z	-.302	-.302 0 %100
161	MP1C	X	.522	.522 0 %100
162	MP1C	Z	-.302	-.302 0 %100
163	MP3C	X	.522	.522 0 %100
164	MP3C	Z	-.302	-.302 0 %100
165	MP2C	X	.522	.522 0 %100
166	MP2C	Z	-.302	-.302 0 %100
167	MP4B	X	.522	.522 0 %100
168	MP4B	Z	-.302	-.302 0 %100
169	MP1B	X	.522	.522 0 %100
170	MP1B	Z	-.302	-.302 0 %100
171	MP3B	X	.522	.522 0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Locationft...	End Locationft...
172	MP3B	Z	-.302	-.302	0 %100
173	MP2B	X	.522	.522	0 %100
174	MP2B	Z	-.302	-.302	0 %100
175	M203	X	.432	.432	0 %100
176	M203	Z	-.249	-.249	0 %100
177	M205	X	.432	.432	0 %100
178	M205	Z	-.249	-.249	0 %100
179	M208	X	.076	.076	0 %100
180	M208	Z	-.044	-.044	0 %100
181	M209	X	.076	.076	0 %100
182	M209	Z	-.044	-.044	0 %100
183	M210	X	.076	.076	0 %100
184	M210	Z	-.044	-.044	0 %100
185	M211	X	.076	.076	0 %100
186	M211	Z	-.044	-.044	0 %100
187	M212	X	0	0	0 %100
188	M212	Z	0	0	0 %100
189	M213	X	0	0	0 %100
190	M213	Z	0	0	0 %100
191	M214	X	0	0	0 %100
192	M214	Z	0	0	0 %100
193	M215	X	0	0	0 %100
194	M215	Z	0	0	0 %100
195	M218	X	.076	.076	0 %100
196	M218	Z	-.044	-.044	0 %100
197	M219	X	.076	.076	0 %100
198	M219	Z	-.044	-.044	0 %100
199	M220	X	.076	.076	0 %100
200	M220	Z	-.044	-.044	0 %100
201	M221	X	.076	.076	0 %100
202	M221	Z	-.044	-.044	0 %100
203	M210B	X	.163	.163	0 %100
204	M210B	Z	-.094	-.094	0 %100
205	M215A	X	.653	.653	0 %100
206	M215A	Z	-.377	-.377	0 %100
207	M220B	X	.163	.163	0 %100
208	M220B	Z	-.094	-.094	0 %100
209	M221B	X	.761	.761	0 %100
210	M221B	Z	-.44	-.44	0 %100
211	M222A	X	.19	.19	0 %100
212	M222A	Z	-.11	-.11	0 %100
213	M223A	X	.19	.19	0 %100
214	M223A	Z	-.11	-.11	0 %100
215	M224	X	.051	.051	0 %100
216	M224	Z	-.029	-.029	0 %100
217	M225	X	.684	.684	0 %100
218	M225	Z	-.395	-.395	0 %100
219	M226	X	.759	.759	0 %100
220	M226	Z	-.438	-.438	0 %100
221	M227	X	.759	.759	0 %100
222	M227	Z	-.438	-.438	0 %100
223	M228	X	.684	.684	0 %100
224	M228	Z	-.395	-.395	0 %100
225	M229	X	.051	.051	0 %100
226	M229	Z	-.029	-.029	0 %100



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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...]	End Location[ft...]
1	M1	X	.643	.643	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	1.582	1.582	0	%100
4	M4	Z	0	0	0	%100
5	M5	X	1.582	1.582	0	%100
6	M5	Z	0	0	0	%100
7	M18	X	0	0	0	%100
8	M18	Z	0	0	0	%100
9	M19	X	.465	.465	0	%100
10	M19	Z	0	0	0	%100
11	M20	X	.465	.465	0	%100
12	M20	Z	0	0	0	%100
13	M21	X	0	0	0	%100
14	M21	Z	0	0	0	%100
15	M22	X	0	0	0	%100
16	M22	Z	0	0	0	%100
17	M28	X	1.053	1.053	0	%100
18	M28	Z	0	0	0	%100
19	M29	X	1.053	1.053	0	%100
20	M29	Z	0	0	0	%100
21	M27A	X	.465	.465	0	%100
22	M27A	Z	0	0	0	%100
23	M28A	X	.465	.465	0	%100
24	M28A	Z	0	0	0	%100
25	M29A	X	0	0	0	%100
26	M29A	Z	0	0	0	%100
27	M44	X	2.1	2.1	0	%100
28	M44	Z	0	0	0	%100
29	M47	X	3.441	3.441	0	%100
30	M47	Z	0	0	0	%100
31	M48	X	3.441	3.441	0	%100
32	M48	Z	0	0	0	%100
33	M51	X	0	0	0	%100
34	M51	Z	0	0	0	%100
35	M52	X	.161	.161	0	%100
36	M52	Z	0	0	0	%100
37	M55	X	.395	.395	0	%100
38	M55	Z	0	0	0	%100
39	M56	X	.395	.395	0	%100
40	M56	Z	0	0	0	%100
41	M69	X	.43	.43	0	%100
42	M69	Z	0	0	0	%100
43	M70	X	0	0	0	%100
44	M70	Z	0	0	0	%100
45	M71	X	.465	.465	0	%100
46	M71	Z	0	0	0	%100
47	M72	X	.519	.519	0	%100
48	M72	Z	0	0	0	%100
49	M73	X	.43	.43	0	%100
50	M73	Z	0	0	0	%100
51	M76	X	0	0	0	%100
52	M76	Z	0	0	0	%100
53	M77	X	1.053	1.053	0	%100
54	M77	Z	0	0	0	%100
55	M78	X	0	0	0	%100
56	M78	Z	0	0	0	%100
57	M79	X	.465	.465	0	%100



Company :
 Designer :
 Job Number :
 Model Name : 467945-VZW_MT_LO_H

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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Locationft...	End Locationft...
58	M79	Z	0	0	%100
59	M80	X	.519	.519	%100
60	M80	Z	0	0	%100
61	M95	X	.686	.686	%100
62	M95	Z	0	0	%100
63	M98	X	1.628	1.628	%100
64	M98	Z	0	0	%100
65	M99	X	1.628	1.628	%100
66	M99	Z	0	0	%100
67	M102	X	.58	.58	%100
68	M102	Z	0	0	%100
69	M103	X	.161	.161	%100
70	M103	Z	0	0	%100
71	M106	X	.395	.395	%100
72	M106	Z	0	0	%100
73	M107	X	.395	.395	%100
74	M107	Z	0	0	%100
75	M120	X	.43	.43	%100
76	M120	Z	0	0	%100
77	M121	X	.465	.465	%100
78	M121	Z	0	0	%100
79	M122	X	0	0	%100
80	M122	Z	0	0	%100
81	M123	X	.519	.519	%100
82	M123	Z	0	0	%100
83	M124	X	.43	.43	%100
84	M124	Z	0	0	%100
85	M127	X	1.053	1.053	%100
86	M127	Z	0	0	%100
87	M128	X	0	0	%100
88	M128	Z	0	0	%100
89	M129	X	.465	.465	%100
90	M129	Z	0	0	%100
91	M130	X	0	0	%100
92	M130	Z	0	0	%100
93	M131	X	.519	.519	%100
94	M131	Z	0	0	%100
95	M146	X	.686	.686	%100
96	M146	Z	0	0	%100
97	M149	X	1.628	1.628	%100
98	M149	Z	0	0	%100
99	M150	X	1.628	1.628	%100
100	M150	Z	0	0	%100
101	M153	X	.58	.58	%100
102	M153	Z	0	0	%100
103	M148A	X	0	0	%100
104	M148A	Z	0	0	%100
105	M149A	X	1.215	1.215	%100
106	M149A	Z	0	0	%100
107	M150A	X	1.215	1.215	%100
108	M150A	Z	0	0	%100
109	M151A	X	0	0	%100
110	M151A	Z	0	0	%100
111	M152A	X	1.575	1.575	%100
112	M152A	Z	0	0	%100
113	M154	X	.467	.467	%100
114	M154	Z	0	0	%100



Company :
 Designer :
 Job Number :
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Member Distributed Loads (BLC 68 : Structure Wm (90 Deg)) (Continued)

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...End Location[ft...		
115	M157	X	.467	.467	0	%100
116	M157	Z	0	0	0	%100
117	M166	X	0	0	0	%100
118	M166	Z	0	0	0	%100
119	M162A	X	1.575	1.575	0	%100
120	M162A	Z	0	0	0	%100
121	M163A	X	0	0	0	%100
122	M163A	Z	0	0	0	%100
123	M164A	X	.394	.394	0	%100
124	M164A	Z	0	0	0	%100
125	M165A	X	1.181	1.181	0	%100
126	M165A	Z	0	0	0	%100
127	M166A	X	.394	.394	0	%100
128	M166A	Z	0	0	0	%100
129	M167	X	1.181	1.181	0	%100
130	M167	Z	0	0	0	%100
131	M168	X	.394	.394	0	%100
132	M168	Z	0	0	0	%100
133	M169	X	1.181	1.181	0	%100
134	M169	Z	0	0	0	%100
135	M170	X	.394	.394	0	%100
136	M170	Z	0	0	0	%100
137	M171	X	1.181	1.181	0	%100
138	M171	Z	0	0	0	%100
139	M172	X	0	0	0	%100
140	M172	Z	0	0	0	%100
141	M173	X	.433	.433	0	%100
142	M173	Z	0	0	0	%100
143	M174	X	.433	.433	0	%100
144	M174	Z	0	0	0	%100
145	M175	X	0	0	0	%100
146	M175	Z	0	0	0	%100
147	M176	X	.467	.467	0	%100
148	M176	Z	0	0	0	%100
149	M177	X	.467	.467	0	%100
150	M177	Z	0	0	0	%100
151	MP4A	X	.623	.623	0	%100
152	MP4A	Z	0	0	0	%100
153	MP1A	X	.623	.623	0	%100
154	MP1A	Z	0	0	0	%100
155	MP3A	X	.623	.623	0	%100
156	MP3A	Z	0	0	0	%100
157	MP2A	X	.623	.623	0	%100
158	MP2A	Z	0	0	0	%100
159	MP4C	X	.623	.623	0	%100
160	MP4C	Z	0	0	0	%100
161	MP1C	X	.623	.623	0	%100
162	MP1C	Z	0	0	0	%100
163	MP3C	X	.623	.623	0	%100
164	MP3C	Z	0	0	0	%100
165	MP2C	X	.623	.623	0	%100
166	MP2C	Z	0	0	0	%100
167	MP4B	X	.623	.623	0	%100
168	MP4B	Z	0	0	0	%100
169	MP1B	X	.623	.623	0	%100
170	MP1B	Z	0	0	0	%100
171	MP3B	X	.623	.623	0	%100



Company :
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 Job Number :
 Model Name : 467945-VZW_MT_LO_H

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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Locationft...	End Locationft...
172	MP3B	Z	0	0	%100
173	MP2B	X	.623	.623	%100
174	MP2B	Z	0	0	%100
175	M203	X	.51	.51	%100
176	M203	Z	0	0	%100
177	M205	X	.51	.51	%100
178	M205	Z	0	0	%100
179	M208	X	.117	.117	%100
180	M208	Z	0	0	%100
181	M209	X	.117	.117	%100
182	M209	Z	0	0	%100
183	M210	X	.117	.117	%100
184	M210	Z	0	0	%100
185	M211	X	.117	.117	%100
186	M211	Z	0	0	%100
187	M212	X	.029	.029	%100
188	M212	Z	0	0	%100
189	M213	X	.029	.029	%100
190	M213	Z	0	0	%100
191	M214	X	.029	.029	%100
192	M214	Z	0	0	%100
193	M215	X	.029	.029	%100
194	M215	Z	0	0	%100
195	M218	X	.029	.029	%100
196	M218	Z	0	0	%100
197	M219	X	.029	.029	%100
198	M219	Z	0	0	%100
199	M220	X	.029	.029	%100
200	M220	Z	0	0	%100
201	M221	X	.029	.029	%100
202	M221	Z	0	0	%100
203	M210B	X	0	0	%100
204	M210B	Z	0	0	%100
205	M215A	X	.566	.566	%100
206	M215A	Z	0	0	%100
207	M220B	X	.566	.566	%100
208	M220B	Z	0	0	%100
209	M221B	X	.659	.659	%100
210	M221B	Z	0	0	%100
211	M222A	X	.659	.659	%100
212	M222A	Z	0	0	%100
213	M223A	X	0	0	%100
214	M223A	Z	0	0	%100
215	M224	X	.274	.274	%100
216	M224	Z	0	0	%100
217	M225	X	.274	.274	%100
218	M225	Z	0	0	%100
219	M226	X	.36	.36	%100
220	M226	Z	0	0	%100
221	M227	X	1.091	1.091	%100
222	M227	Z	0	0	%100
223	M228	X	1.091	1.091	%100
224	M228	Z	0	0	%100
225	M229	X	.36	.36	%100
226	M229	Z	0	0	%100



Company :
 Designer :
 Job Number :
 Model Name : 467945-VZW_MT_LO_H

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...]	End Location[ft...]
1	M1	X	.417	.417	0	%100
2	M1	Z	.241	.241	0	%100
3	M4	X	1.027	1.027	0	%100
4	M4	Z	.593	.593	0	%100
5	M5	X	1.027	1.027	0	%100
6	M5	Z	.593	.593	0	%100
7	M18	X	.124	.124	0	%100
8	M18	Z	.072	.072	0	%100
9	M19	X	.537	.537	0	%100
10	M19	Z	.31	.31	0	%100
11	M20	X	.134	.134	0	%100
12	M20	Z	.077	.077	0	%100
13	M21	X	.15	.15	0	%100
14	M21	Z	.087	.087	0	%100
15	M22	X	.124	.124	0	%100
16	M22	Z	.072	.072	0	%100
17	M28	X	1.216	1.216	0	%100
18	M28	Z	.702	.702	0	%100
19	M29	X	.304	.304	0	%100
20	M29	Z	.176	.176	0	%100
21	M27A	X	.537	.537	0	%100
22	M27A	Z	.31	.31	0	%100
23	M28A	X	.134	.134	0	%100
24	M28A	Z	.077	.077	0	%100
25	M29A	X	.15	.15	0	%100
26	M29A	Z	.087	.087	0	%100
27	M44	X	1.41	1.41	0	%100
28	M44	Z	.814	.814	0	%100
29	M47	X	2.263	2.263	0	%100
30	M47	Z	1.307	1.307	0	%100
31	M48	X	2.263	2.263	0	%100
32	M48	Z	1.307	1.307	0	%100
33	M51	X	.167	.167	0	%100
34	M51	Z	.097	.097	0	%100
35	M52	X	.417	.417	0	%100
36	M52	Z	.241	.241	0	%100
37	M55	X	1.027	1.027	0	%100
38	M55	Z	.593	.593	0	%100
39	M56	X	1.027	1.027	0	%100
40	M56	Z	.593	.593	0	%100
41	M69	X	.124	.124	0	%100
42	M69	Z	.072	.072	0	%100
43	M70	X	.134	.134	0	%100
44	M70	Z	.077	.077	0	%100
45	M71	X	.537	.537	0	%100
46	M71	Z	.31	.31	0	%100
47	M72	X	.15	.15	0	%100
48	M72	Z	.087	.087	0	%100
49	M73	X	.124	.124	0	%100
50	M73	Z	.072	.072	0	%100
51	M76	X	.304	.304	0	%100
52	M76	Z	.176	.176	0	%100
53	M77	X	1.216	1.216	0	%100
54	M77	Z	.702	.702	0	%100
55	M78	X	.134	.134	0	%100
56	M78	Z	.077	.077	0	%100
57	M79	X	.537	.537	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Locationft...	End Locationft...
58	M79	Z	.31	.31	0 %100
59	M80	X	.15	.15	0 %100
60	M80	Z	.087	.087	0 %100
61	M95	X	1.41	1.41	0 %100
62	M95	Z	.814	.814	0 %100
63	M98	X	.594	.594	0 %100
64	M98	Z	.343	.343	0 %100
65	M99	X	.594	.594	0 %100
66	M99	Z	.343	.343	0 %100
67	M102	X	.167	.167	0 %100
68	M102	Z	.097	.097	0 %100
69	M103	X	0	0	0 %100
70	M103	Z	0	0	0 %100
71	M106	X	0	0	0 %100
72	M106	Z	0	0	0 %100
73	M107	X	0	0	0 %100
74	M107	Z	0	0	0 %100
75	M120	X	.497	.497	0 %100
76	M120	Z	.287	.287	0 %100
77	M121	X	.134	.134	0 %100
78	M121	Z	.077	.077	0 %100
79	M122	X	.134	.134	0 %100
80	M122	Z	.077	.077	0 %100
81	M123	X	.6	.6	0 %100
82	M123	Z	.346	.346	0 %100
83	M124	X	.497	.497	0 %100
84	M124	Z	.287	.287	0 %100
85	M127	X	.304	.304	0 %100
86	M127	Z	.176	.176	0 %100
87	M128	X	.304	.304	0 %100
88	M128	Z	.176	.176	0 %100
89	M129	X	.134	.134	0 %100
90	M129	Z	.077	.077	0 %100
91	M130	X	.134	.134	0 %100
92	M130	Z	.077	.077	0 %100
93	M131	X	.6	.6	0 %100
94	M131	Z	.346	.346	0 %100
95	M146	X	.186	.186	0 %100
96	M146	Z	.108	.108	0 %100
97	M149	X	1.818	1.818	0 %100
98	M149	Z	1.05	1.05	0 %100
99	M150	X	1.818	1.818	0 %100
100	M150	Z	1.05	1.05	0 %100
101	M153	X	.67	.67	0 %100
102	M153	Z	.387	.387	0 %100
103	M148A	X	.351	.351	0 %100
104	M148A	Z	.203	.203	0 %100
105	M149A	X	.351	.351	0 %100
106	M149A	Z	.203	.203	0 %100
107	M150A	X	1.403	1.403	0 %100
108	M150A	Z	.81	.81	0 %100
109	M151A	X	.135	.135	0 %100
110	M151A	Z	.078	.078	0 %100
111	M152A	X	1.023	1.023	0 %100
112	M152A	Z	.59	.59	0 %100
113	M154	X	.135	.135	0 %100
114	M154	Z	.078	.078	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...]	End Location[ft...]
115	M157	X	.54	.54	0 %100
116	M157	Z	.312	.312	0 %100
117	M166	X	.341	.341	0 %100
118	M166	Z	.197	.197	0 %100
119	M162A	X	1.023	1.023	0 %100
120	M162A	Z	.59	.59	0 %100
121	M163A	X	.341	.341	0 %100
122	M163A	Z	.197	.197	0 %100
123	M164A	X	1.023	1.023	0 %100
124	M164A	Z	.59	.59	0 %100
125	M165A	X	.341	.341	0 %100
126	M165A	Z	.197	.197	0 %100
127	M166A	X	1.023	1.023	0 %100
128	M166A	Z	.59	.59	0 %100
129	M167	X	.341	.341	0 %100
130	M167	Z	.197	.197	0 %100
131	M168	X	0	0	0 %100
132	M168	Z	0	0	0 %100
133	M169	X	1.364	1.364	0 %100
134	M169	Z	.787	.787	0 %100
135	M170	X	0	0	0 %100
136	M170	Z	0	0	0 %100
137	M171	X	1.364	1.364	0 %100
138	M171	Z	.787	.787	0 %100
139	M172	X	.125	.125	0 %100
140	M172	Z	.072	.072	0 %100
141	M173	X	.125	.125	0 %100
142	M173	Z	.072	.072	0 %100
143	M174	X	.5	.5	0 %100
144	M174	Z	.289	.289	0 %100
145	M175	X	.135	.135	0 %100
146	M175	Z	.078	.078	0 %100
147	M176	X	.135	.135	0 %100
148	M176	Z	.078	.078	0 %100
149	M177	X	.54	.54	0 %100
150	M177	Z	.312	.312	0 %100
151	MP4A	X	.522	.522	0 %100
152	MP4A	Z	.302	.302	0 %100
153	MP1A	X	.522	.522	0 %100
154	MP1A	Z	.302	.302	0 %100
155	MP3A	X	.522	.522	0 %100
156	MP3A	Z	.302	.302	0 %100
157	MP2A	X	.522	.522	0 %100
158	MP2A	Z	.302	.302	0 %100
159	MP4C	X	.522	.522	0 %100
160	MP4C	Z	.302	.302	0 %100
161	MP1C	X	.522	.522	0 %100
162	MP1C	Z	.302	.302	0 %100
163	MP3C	X	.522	.522	0 %100
164	MP3C	Z	.302	.302	0 %100
165	MP2C	X	.522	.522	0 %100
166	MP2C	Z	.302	.302	0 %100
167	MP4B	X	.522	.522	0 %100
168	MP4B	Z	.302	.302	0 %100
169	MP1B	X	.522	.522	0 %100
170	MP1B	Z	.302	.302	0 %100
171	MP3B	X	.522	.522	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Locationft...	End Locationft...
172	MP3B	Z	.302	0	%100
173	MP2B	X	.522	0	%100
174	MP2B	Z	.302	0	%100
175	M203	X	.432	0	%100
176	M203	Z	.249	0	%100
177	M205	X	.432	0	%100
178	M205	Z	.249	0	%100
179	M208	X	.076	0	%100
180	M208	Z	.044	0	%100
181	M209	X	.076	0	%100
182	M209	Z	.044	0	%100
183	M210	X	.076	0	%100
184	M210	Z	.044	0	%100
185	M211	X	.076	0	%100
186	M211	Z	.044	0	%100
187	M212	X	.076	0	%100
188	M212	Z	.044	0	%100
189	M213	X	.076	0	%100
190	M213	Z	.044	0	%100
191	M214	X	.076	0	%100
192	M214	Z	.044	0	%100
193	M215	X	.076	0	%100
194	M215	Z	.044	0	%100
195	M218	X	0	0	%100
196	M218	Z	0	0	%100
197	M219	X	0	0	%100
198	M219	Z	0	0	%100
199	M220	X	0	0	%100
200	M220	Z	0	0	%100
201	M221	X	0	0	%100
202	M221	Z	0	0	%100
203	M210B	X	.163	0	%100
204	M210B	Z	.094	0	%100
205	M215A	X	.163	0	%100
206	M215A	Z	.094	0	%100
207	M220B	X	.653	0	%100
208	M220B	Z	.377	0	%100
209	M221B	X	.19	0	%100
210	M221B	Z	.11	0	%100
211	M222A	X	.761	0	%100
212	M222A	Z	.44	0	%100
213	M223A	X	.19	0	%100
214	M223A	Z	.11	0	%100
215	M224	X	.684	0	%100
216	M224	Z	.395	0	%100
217	M225	X	.051	0	%100
218	M225	Z	.029	0	%100
219	M226	X	.051	0	%100
220	M226	Z	.029	0	%100
221	M227	X	.684	0	%100
222	M227	Z	.395	0	%100
223	M228	X	.759	0	%100
224	M228	Z	.438	0	%100
225	M229	X	.759	0	%100
226	M229	Z	.438	0	%100



Company :
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 Job Number :
 Model Name : 467945-VZW_MT_LO_H

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...]	End Location[ft...]
1	M1	X	.08	.08	0	%100
2	M1	Z	.139	.139	0	%100
3	M4	X	.198	.198	0	%100
4	M4	Z	.342	.342	0	%100
5	M5	X	.198	.198	0	%100
6	M5	Z	.342	.342	0	%100
7	M18	X	.215	.215	0	%100
8	M18	Z	.372	.372	0	%100
9	M19	X	.232	.232	0	%100
10	M19	Z	.402	.402	0	%100
11	M20	X	0	0	0	%100
12	M20	Z	0	0	0	%100
13	M21	X	.26	.26	0	%100
14	M21	Z	.45	.45	0	%100
15	M22	X	.215	.215	0	%100
16	M22	Z	.372	.372	0	%100
17	M28	X	.527	.527	0	%100
18	M28	Z	.912	.912	0	%100
19	M29	X	0	0	0	%100
20	M29	Z	0	0	0	%100
21	M27A	X	.232	.232	0	%100
22	M27A	Z	.402	.402	0	%100
23	M28A	X	0	0	0	%100
24	M28A	Z	0	0	0	%100
25	M29A	X	.26	.26	0	%100
26	M29A	Z	.45	.45	0	%100
27	M44	X	.343	.343	0	%100
28	M44	Z	.594	.594	0	%100
29	M47	X	.479	.479	0	%100
30	M47	Z	.83	.83	0	%100
31	M48	X	.479	.479	0	%100
32	M48	Z	.83	.83	0	%100
33	M51	X	.29	.29	0	%100
34	M51	Z	.502	.502	0	%100
35	M52	X	.321	.321	0	%100
36	M52	Z	.556	.556	0	%100
37	M55	X	.791	.791	0	%100
38	M55	Z	1.37	1.37	0	%100
39	M56	X	.791	.791	0	%100
40	M56	Z	1.37	1.37	0	%100
41	M69	X	0	0	0	%100
42	M69	Z	0	0	0	%100
43	M70	X	.232	.232	0	%100
44	M70	Z	.402	.402	0	%100
45	M71	X	.232	.232	0	%100
46	M71	Z	.402	.402	0	%100
47	M72	X	0	0	0	%100
48	M72	Z	0	0	0	%100
49	M73	X	0	0	0	%100
50	M73	Z	0	0	0	%100
51	M76	X	.527	.527	0	%100
52	M76	Z	.912	.912	0	%100
53	M77	X	.527	.527	0	%100
54	M77	Z	.912	.912	0	%100
55	M78	X	.232	.232	0	%100
56	M78	Z	.402	.402	0	%100
57	M79	X	.232	.232	0	%100



Company :
 Designer :
 Job Number :
 Model Name : 467945-VZW_MT_LO_H

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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Locationft...	End Locationft...
58	M79	Z	.402	.402	0 %100
59	M80	X	0	0	0 %100
60	M80	Z	0	0	0 %100
61	M95	X	1.05	1.05	0 %100
62	M95	Z	1.818	1.818	0 %100
63	M98	X	.108	.108	0 %100
64	M98	Z	.186	.186	0 %100
65	M99	X	.108	.108	0 %100
66	M99	Z	.186	.186	0 %100
67	M102	X	0	0	0 %100
68	M102	Z	0	0	0 %100
69	M103	X	.08	.08	0 %100
70	M103	Z	.139	.139	0 %100
71	M106	X	.198	.198	0 %100
72	M106	Z	.342	.342	0 %100
73	M107	X	.198	.198	0 %100
74	M107	Z	.342	.342	0 %100
75	M120	X	.215	.215	0 %100
76	M120	Z	.372	.372	0 %100
77	M121	X	0	0	0 %100
78	M121	Z	0	0	0 %100
79	M122	X	.232	.232	0 %100
80	M122	Z	.402	.402	0 %100
81	M123	X	.26	.26	0 %100
82	M123	Z	.45	.45	0 %100
83	M124	X	.215	.215	0 %100
84	M124	Z	.372	.372	0 %100
85	M127	X	0	0	0 %100
86	M127	Z	0	0	0 %100
87	M128	X	.527	.527	0 %100
88	M128	Z	.912	.912	0 %100
89	M129	X	0	0	0 %100
90	M129	Z	0	0	0 %100
91	M130	X	.232	.232	0 %100
92	M130	Z	.402	.402	0 %100
93	M131	X	.26	.26	0 %100
94	M131	Z	.45	.45	0 %100
95	M146	X	.343	.343	0 %100
96	M146	Z	.594	.594	0 %100
97	M149	X	.814	.814	0 %100
98	M149	Z	1.41	1.41	0 %100
99	M150	X	.814	.814	0 %100
100	M150	Z	1.41	1.41	0 %100
101	M153	X	.29	.29	0 %100
102	M153	Z	.502	.502	0 %100
103	M148A	X	.608	.608	0 %100
104	M148A	Z	1.052	1.052	0 %100
105	M149A	X	0	0	0 %100
106	M149A	Z	0	0	0 %100
107	M150A	X	.608	.608	0 %100
108	M150A	Z	1.052	1.052	0 %100
109	M151A	X	.234	.234	0 %100
110	M151A	Z	.405	.405	0 %100
111	M152A	X	.197	.197	0 %100
112	M152A	Z	.341	.341	0 %100
113	M154	X	0	0	0 %100
114	M154	Z	0	0	0 %100



Company :
 Designer :
 Job Number :
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Member Distributed Loads (BLC 70 : Structure Wm (150 Deg)) (Continued)

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...]	End Location[ft...]
115	M157	X	.234	.234	0 %100
116	M157	Z	.405	.405	0 %100
117	M166	X	.59	.59	0 %100
118	M166	Z	1.023	1.023	0 %100
119	M162A	X	.197	.197	0 %100
120	M162A	Z	.341	.341	0 %100
121	M163A	X	.59	.59	0 %100
122	M163A	Z	1.023	1.023	0 %100
123	M164A	X	.787	.787	0 %100
124	M164A	Z	1.364	1.364	0 %100
125	M165A	X	0	0	0 %100
126	M165A	Z	0	0	0 %100
127	M166A	X	.787	.787	0 %100
128	M166A	Z	1.364	1.364	0 %100
129	M167	X	0	0	0 %100
130	M167	Z	0	0	0 %100
131	M168	X	.197	.197	0 %100
132	M168	Z	.341	.341	0 %100
133	M169	X	.59	.59	0 %100
134	M169	Z	1.023	1.023	0 %100
135	M170	X	.197	.197	0 %100
136	M170	Z	.341	.341	0 %100
137	M171	X	.59	.59	0 %100
138	M171	Z	1.023	1.023	0 %100
139	M172	X	.217	.217	0 %100
140	M172	Z	.375	.375	0 %100
141	M173	X	0	0	0 %100
142	M173	Z	0	0	0 %100
143	M174	X	.217	.217	0 %100
144	M174	Z	.375	.375	0 %100
145	M175	X	.234	.234	0 %100
146	M175	Z	.405	.405	0 %100
147	M176	X	0	0	0 %100
148	M176	Z	0	0	0 %100
149	M177	X	.234	.234	0 %100
150	M177	Z	.405	.405	0 %100
151	MP4A	X	.281	.281	0 %100
152	MP4A	Z	.487	.487	0 %100
153	MP1A	X	.281	.281	0 %100
154	MP1A	Z	.487	.487	0 %100
155	MP3A	X	.281	.281	0 %100
156	MP3A	Z	.487	.487	0 %100
157	MP2A	X	.281	.281	0 %100
158	MP2A	Z	.487	.487	0 %100
159	MP4C	X	.281	.281	0 %100
160	MP4C	Z	.487	.487	0 %100
161	MP1C	X	.281	.281	0 %100
162	MP1C	Z	.487	.487	0 %100
163	MP3C	X	.281	.281	0 %100
164	MP3C	Z	.487	.487	0 %100
165	MP2C	X	.281	.281	0 %100
166	MP2C	Z	.487	.487	0 %100
167	MP4B	X	.281	.281	0 %100
168	MP4B	Z	.487	.487	0 %100
169	MP1B	X	.281	.281	0 %100
170	MP1B	Z	.487	.487	0 %100
171	MP3B	X	.281	.281	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Locationft...	End Locationft...
172	MP3B	Z	.487	.487	0 %100
173	MP2B	X	.281	.281	0 %100
174	MP2B	Z	.487	.487	0 %100
175	M203	X	.239	.239	0 %100
176	M203	Z	.413	.413	0 %100
177	M205	X	.239	.239	0 %100
178	M205	Z	.413	.413	0 %100
179	M208	X	.015	.015	0 %100
180	M208	Z	.025	.025	0 %100
181	M209	X	.015	.015	0 %100
182	M209	Z	.025	.025	0 %100
183	M210	X	.015	.015	0 %100
184	M210	Z	.025	.025	0 %100
185	M211	X	.015	.015	0 %100
186	M211	Z	.025	.025	0 %100
187	M212	X	.059	.059	0 %100
188	M212	Z	.102	.102	0 %100
189	M213	X	.059	.059	0 %100
190	M213	Z	.102	.102	0 %100
191	M214	X	.059	.059	0 %100
192	M214	Z	.102	.102	0 %100
193	M215	X	.059	.059	0 %100
194	M215	Z	.102	.102	0 %100
195	M218	X	.015	.015	0 %100
196	M218	Z	.025	.025	0 %100
197	M219	X	.015	.015	0 %100
198	M219	Z	.025	.025	0 %100
199	M220	X	.015	.015	0 %100
200	M220	Z	.025	.025	0 %100
201	M221	X	.015	.015	0 %100
202	M221	Z	.025	.025	0 %100
203	M210B	X	.283	.283	0 %100
204	M210B	Z	.49	.49	0 %100
205	M215A	X	0	0	0 %100
206	M215A	Z	0	0	0 %100
207	M220B	X	.283	.283	0 %100
208	M220B	Z	.49	.49	0 %100
209	M221B	X	0	0	0 %100
210	M221B	Z	0	0	0 %100
211	M222A	X	.33	.33	0 %100
212	M222A	Z	.571	.571	0 %100
213	M223A	X	.33	.33	0 %100
214	M223A	Z	.571	.571	0 %100
215	M224	X	.546	.546	0 %100
216	M224	Z	.945	.945	0 %100
217	M225	X	.18	.18	0 %100
218	M225	Z	.312	.312	0 %100
219	M226	X	.137	.137	0 %100
220	M226	Z	.237	.237	0 %100
221	M227	X	.137	.137	0 %100
222	M227	Z	.237	.237	0 %100
223	M228	X	.18	.18	0 %100
224	M228	Z	.312	.312	0 %100
225	M229	X	.546	.546	0 %100
226	M229	Z	.945	.945	0 %100



Company :
 Designer :
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 Model Name : 467945-VZW_MT_LO_H

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...]	End Location[ft...]
1	M1	X	0	0	0	%100
2	M1	Z	0	0	0	%100
3	M4	X	0	0	0	%100
4	M4	Z	0	0	0	%100
5	M5	X	0	0	0	%100
6	M5	Z	0	0	0	%100
7	M18	X	0	0	0	%100
8	M18	Z	.573	.573	0	%100
9	M19	X	0	0	0	%100
10	M19	Z	.155	.155	0	%100
11	M20	X	0	0	0	%100
12	M20	Z	.155	.155	0	%100
13	M21	X	0	0	0	%100
14	M21	Z	.693	.693	0	%100
15	M22	X	0	0	0	%100
16	M22	Z	.573	.573	0	%100
17	M28	X	0	0	0	%100
18	M28	Z	.351	.351	0	%100
19	M29	X	0	0	0	%100
20	M29	Z	.351	.351	0	%100
21	M27A	X	0	0	0	%100
22	M27A	Z	.155	.155	0	%100
23	M28A	X	0	0	0	%100
24	M28A	Z	.155	.155	0	%100
25	M29A	X	0	0	0	%100
26	M29A	Z	.693	.693	0	%100
27	M44	X	0	0	0	%100
28	M44	Z	.215	.215	0	%100
29	M47	X	0	0	0	%100
30	M47	Z	.131	.131	0	%100
31	M48	X	0	0	0	%100
32	M48	Z	.131	.131	0	%100
33	M51	X	0	0	0	%100
34	M51	Z	.773	.773	0	%100
35	M52	X	0	0	0	%100
36	M52	Z	.482	.482	0	%100
37	M55	X	0	0	0	%100
38	M55	Z	1.186	1.186	0	%100
39	M56	X	0	0	0	%100
40	M56	Z	1.186	1.186	0	%100
41	M69	X	0	0	0	%100
42	M69	Z	.143	.143	0	%100
43	M70	X	0	0	0	%100
44	M70	Z	.62	.62	0	%100
45	M71	X	0	0	0	%100
46	M71	Z	.155	.155	0	%100
47	M72	X	0	0	0	%100
48	M72	Z	.173	.173	0	%100
49	M73	X	0	0	0	%100
50	M73	Z	.143	.143	0	%100
51	M76	X	0	0	0	%100
52	M76	Z	1.405	1.405	0	%100
53	M77	X	0	0	0	%100
54	M77	Z	.351	.351	0	%100
55	M78	X	0	0	0	%100
56	M78	Z	.62	.62	0	%100
57	M79	X	0	0	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Locationft...	End Locationft...
58	M79	Z	.155	.155	0 %100
59	M80	X	0	0	0 %100
60	M80	Z	.173	.173	0 %100
61	M95	X	0	0	0 %100
62	M95	Z	1.628	1.628	0 %100
63	M98	X	0	0	0 %100
64	M98	Z	.686	.686	0 %100
65	M99	X	0	0	0 %100
66	M99	Z	.686	.686	0 %100
67	M102	X	0	0	0 %100
68	M102	Z	.193	.193	0 %100
69	M103	X	0	0	0 %100
70	M103	Z	.482	.482	0 %100
71	M106	X	0	0	0 %100
72	M106	Z	1.186	1.186	0 %100
73	M107	X	0	0	0 %100
74	M107	Z	1.186	1.186	0 %100
75	M120	X	0	0	0 %100
76	M120	Z	.143	.143	0 %100
77	M121	X	0	0	0 %100
78	M121	Z	.155	.155	0 %100
79	M122	X	0	0	0 %100
80	M122	Z	.62	.62	0 %100
81	M123	X	0	0	0 %100
82	M123	Z	.173	.173	0 %100
83	M124	X	0	0	0 %100
84	M124	Z	.143	.143	0 %100
85	M127	X	0	0	0 %100
86	M127	Z	.351	.351	0 %100
87	M128	X	0	0	0 %100
88	M128	Z	1.405	1.405	0 %100
89	M129	X	0	0	0 %100
90	M129	Z	.155	.155	0 %100
91	M130	X	0	0	0 %100
92	M130	Z	.62	.62	0 %100
93	M131	X	0	0	0 %100
94	M131	Z	.173	.173	0 %100
95	M146	X	0	0	0 %100
96	M146	Z	1.628	1.628	0 %100
97	M149	X	0	0	0 %100
98	M149	Z	.686	.686	0 %100
99	M150	X	0	0	0 %100
100	M150	Z	.686	.686	0 %100
101	M153	X	0	0	0 %100
102	M153	Z	.193	.193	0 %100
103	M148A	X	0	0	0 %100
104	M148A	Z	1.62	1.62	0 %100
105	M149A	X	0	0	0 %100
106	M149A	Z	.405	.405	0 %100
107	M150A	X	0	0	0 %100
108	M150A	Z	.405	.405	0 %100
109	M151A	X	0	0	0 %100
110	M151A	Z	.623	.623	0 %100
111	M152A	X	0	0	0 %100
112	M152A	Z	0	0	0 %100
113	M154	X	0	0	0 %100
114	M154	Z	.156	.156	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...]	End Location[ft...]
115	M157	X	0	0	%100
116	M157	Z	.156	.156	%100
117	M166	X	0	0	%100
118	M166	Z	1.575	1.575	%100
119	M162A	X	0	0	%100
120	M162A	Z	0	0	%100
121	M163A	X	0	0	%100
122	M163A	Z	1.575	1.575	%100
123	M164A	X	0	0	%100
124	M164A	Z	1.181	1.181	%100
125	M165A	X	0	0	%100
126	M165A	Z	.394	.394	%100
127	M166A	X	0	0	%100
128	M166A	Z	1.181	1.181	%100
129	M167	X	0	0	%100
130	M167	Z	.394	.394	%100
131	M168	X	0	0	%100
132	M168	Z	1.181	1.181	%100
133	M169	X	0	0	%100
134	M169	Z	.394	.394	%100
135	M170	X	0	0	%100
136	M170	Z	1.181	1.181	%100
137	M171	X	0	0	%100
138	M171	Z	.394	.394	%100
139	M172	X	0	0	%100
140	M172	Z	.578	.578	%100
141	M173	X	0	0	%100
142	M173	Z	.144	.144	%100
143	M174	X	0	0	%100
144	M174	Z	.144	.144	%100
145	M175	X	0	0	%100
146	M175	Z	.623	.623	%100
147	M176	X	0	0	%100
148	M176	Z	.156	.156	%100
149	M177	X	0	0	%100
150	M177	Z	.156	.156	%100
151	MP4A	X	0	0	%100
152	MP4A	Z	.542	.542	%100
153	MP1A	X	0	0	%100
154	MP1A	Z	.542	.542	%100
155	MP3A	X	0	0	%100
156	MP3A	Z	.542	.542	%100
157	MP2A	X	0	0	%100
158	MP2A	Z	.542	.542	%100
159	MP4C	X	0	0	%100
160	MP4C	Z	.542	.542	%100
161	MP1C	X	0	0	%100
162	MP1C	Z	.542	.542	%100
163	MP3C	X	0	0	%100
164	MP3C	Z	.542	.542	%100
165	MP2C	X	0	0	%100
166	MP2C	Z	.542	.542	%100
167	MP4B	X	0	0	%100
168	MP4B	Z	.542	.542	%100
169	MP1B	X	0	0	%100
170	MP1B	Z	.542	.542	%100
171	MP3B	X	0	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Locationft...	End Locationft...
172	MP3B	Z	.542	.542	0 %100
173	MP2B	X	0	0	0 %100
174	MP2B	Z	.542	.542	0 %100
175	M203	X	0	0	0 %100
176	M203	Z	.466	.466	0 %100
177	M205	X	0	0	0 %100
178	M205	Z	.466	.466	0 %100
179	M208	X	0	0	0 %100
180	M208	Z	0	0	0 %100
181	M209	X	0	0	0 %100
182	M209	Z	0	0	0 %100
183	M210	X	0	0	0 %100
184	M210	Z	0	0	0 %100
185	M211	X	0	0	0 %100
186	M211	Z	0	0	0 %100
187	M212	X	0	0	0 %100
188	M212	Z	.088	.088	0 %100
189	M213	X	0	0	0 %100
190	M213	Z	.088	.088	0 %100
191	M214	X	0	0	0 %100
192	M214	Z	.088	.088	0 %100
193	M215	X	0	0	0 %100
194	M215	Z	.088	.088	0 %100
195	M218	X	0	0	0 %100
196	M218	Z	.088	.088	0 %100
197	M219	X	0	0	0 %100
198	M219	Z	.088	.088	0 %100
199	M220	X	0	0	0 %100
200	M220	Z	.088	.088	0 %100
201	M221	X	0	0	0 %100
202	M221	Z	.088	.088	0 %100
203	M210B	X	0	0	0 %100
204	M210B	Z	.755	.755	0 %100
205	M215A	X	0	0	0 %100
206	M215A	Z	.189	.189	0 %100
207	M220B	X	0	0	0 %100
208	M220B	Z	.189	.189	0 %100
209	M221B	X	0	0	0 %100
210	M221B	Z	.22	.22	0 %100
211	M222A	X	0	0	0 %100
212	M222A	Z	.22	.22	0 %100
213	M223A	X	0	0	0 %100
214	M223A	Z	.879	.879	0 %100
215	M224	X	0	0	0 %100
216	M224	Z	.876	.876	0 %100
217	M225	X	0	0	0 %100
218	M225	Z	.876	.876	0 %100
219	M226	X	0	0	0 %100
220	M226	Z	.79	.79	0 %100
221	M227	X	0	0	0 %100
222	M227	Z	.059	.059	0 %100
223	M228	X	0	0	0 %100
224	M228	Z	.059	.059	0 %100
225	M229	X	0	0	0 %100
226	M229	Z	.79	.79	0 %100



Company :
 Designer :
 Job Number :
 Model Name : 467945-VZW_MT_LO_H

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...]	End Location[ft...]
1	M1	X	-.08	-.08	0	%100
2	M1	Z	.139	.139	0	%100
3	M4	X	-.198	-.198	0	%100
4	M4	Z	.342	.342	0	%100
5	M5	X	-.198	-.198	0	%100
6	M5	Z	.342	.342	0	%100
7	M18	X	-.215	-.215	0	%100
8	M18	Z	.372	.372	0	%100
9	M19	X	0	0	0	%100
10	M19	Z	0	0	0	%100
11	M20	X	-.232	-.232	0	%100
12	M20	Z	.402	.402	0	%100
13	M21	X	-.26	-.26	0	%100
14	M21	Z	.45	.45	0	%100
15	M22	X	-.215	-.215	0	%100
16	M22	Z	.372	.372	0	%100
17	M28	X	0	0	0	%100
18	M28	Z	0	0	0	%100
19	M29	X	-.527	-.527	0	%100
20	M29	Z	.912	.912	0	%100
21	M27A	X	0	0	0	%100
22	M27A	Z	0	0	0	%100
23	M28A	X	-.232	-.232	0	%100
24	M28A	Z	.402	.402	0	%100
25	M29A	X	-.26	-.26	0	%100
26	M29A	Z	.45	.45	0	%100
27	M44	X	-.343	-.343	0	%100
28	M44	Z	.594	.594	0	%100
29	M47	X	-.479	-.479	0	%100
30	M47	Z	.83	.83	0	%100
31	M48	X	-.479	-.479	0	%100
32	M48	Z	.83	.83	0	%100
33	M51	X	-.29	-.29	0	%100
34	M51	Z	.502	.502	0	%100
35	M52	X	-.08	-.08	0	%100
36	M52	Z	.139	.139	0	%100
37	M55	X	-.198	-.198	0	%100
38	M55	Z	.342	.342	0	%100
39	M56	X	-.198	-.198	0	%100
40	M56	Z	.342	.342	0	%100
41	M69	X	-.215	-.215	0	%100
42	M69	Z	.372	.372	0	%100
43	M70	X	-.232	-.232	0	%100
44	M70	Z	.402	.402	0	%100
45	M71	X	0	0	0	%100
46	M71	Z	0	0	0	%100
47	M72	X	-.26	-.26	0	%100
48	M72	Z	.45	.45	0	%100
49	M73	X	-.215	-.215	0	%100
50	M73	Z	.372	.372	0	%100
51	M76	X	-.527	-.527	0	%100
52	M76	Z	.912	.912	0	%100
53	M77	X	0	0	0	%100
54	M77	Z	0	0	0	%100
55	M78	X	-.232	-.232	0	%100
56	M78	Z	.402	.402	0	%100
57	M79	X	0	0	0	%100



Company :
 Designer :
 Job Number :
 Model Name : 467945-VZW_MT_LO_H

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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Locationft...	End Locationft...
58	M79	Z	0	0	%100
59	M80	X	-.26	-.26	%100
60	M80	Z	.45	.45	%100
61	M95	X	-.343	-.343	%100
62	M95	Z	.594	.594	%100
63	M98	X	-.814	-.814	%100
64	M98	Z	1.41	1.41	%100
65	M99	X	-.814	-.814	%100
66	M99	Z	1.41	1.41	%100
67	M102	X	-.29	-.29	%100
68	M102	Z	.502	.502	%100
69	M103	X	-.321	-.321	%100
70	M103	Z	.556	.556	%100
71	M106	X	-.791	-.791	%100
72	M106	Z	1.37	1.37	%100
73	M107	X	-.791	-.791	%100
74	M107	Z	1.37	1.37	%100
75	M120	X	0	0	%100
76	M120	Z	0	0	%100
77	M121	X	-.232	-.232	%100
78	M121	Z	.402	.402	%100
79	M122	X	-.232	-.232	%100
80	M122	Z	.402	.402	%100
81	M123	X	0	0	%100
82	M123	Z	0	0	%100
83	M124	X	0	0	%100
84	M124	Z	0	0	%100
85	M127	X	-.527	-.527	%100
86	M127	Z	.912	.912	%100
87	M128	X	-.527	-.527	%100
88	M128	Z	.912	.912	%100
89	M129	X	-.232	-.232	%100
90	M129	Z	.402	.402	%100
91	M130	X	-.232	-.232	%100
92	M130	Z	.402	.402	%100
93	M131	X	0	0	%100
94	M131	Z	0	0	%100
95	M146	X	-1.05	-1.05	%100
96	M146	Z	1.818	1.818	%100
97	M149	X	-.108	-.108	%100
98	M149	Z	.186	.186	%100
99	M150	X	-.108	-.108	%100
100	M150	Z	.186	.186	%100
101	M153	X	0	0	%100
102	M153	Z	0	0	%100
103	M148A	X	-.608	-.608	%100
104	M148A	Z	1.052	1.052	%100
105	M149A	X	-.608	-.608	%100
106	M149A	Z	1.052	1.052	%100
107	M150A	X	0	0	%100
108	M150A	Z	0	0	%100
109	M151A	X	-.234	-.234	%100
110	M151A	Z	.405	.405	%100
111	M152A	X	-.197	-.197	%100
112	M152A	Z	.341	.341	%100
113	M154	X	-.234	-.234	%100
114	M154	Z	.405	.405	%100



Company :
 Designer :
 Job Number :
 Model Name : 467945-VZW_MT_LO_H

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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...]	End Location[ft...]
115	M157	X	0	0	%100
116	M157	Z	0	0	%100
117	M166	X	-.59	-.59	0
118	M166	Z	1.023	1.023	0
119	M162A	X	-.197	-.197	0
120	M162A	Z	.341	.341	0
121	M163A	X	-.59	-.59	0
122	M163A	Z	1.023	1.023	0
123	M164A	X	-.197	-.197	0
124	M164A	Z	.341	.341	0
125	M165A	X	-.59	-.59	0
126	M165A	Z	1.023	1.023	0
127	M166A	X	-.197	-.197	0
128	M166A	Z	.341	.341	0
129	M167	X	-.59	-.59	0
130	M167	Z	1.023	1.023	0
131	M168	X	-.787	-.787	0
132	M168	Z	1.364	1.364	0
133	M169	X	0	0	0
134	M169	Z	0	0	0
135	M170	X	-.787	-.787	0
136	M170	Z	1.364	1.364	0
137	M171	X	0	0	0
138	M171	Z	0	0	0
139	M172	X	-.217	-.217	0
140	M172	Z	.375	.375	0
141	M173	X	-.217	-.217	0
142	M173	Z	.375	.375	0
143	M174	X	0	0	0
144	M174	Z	0	0	0
145	M175	X	-.234	-.234	0
146	M175	Z	.405	.405	0
147	M176	X	-.234	-.234	0
148	M176	Z	.405	.405	0
149	M177	X	0	0	0
150	M177	Z	0	0	0
151	MP4A	X	-.281	-.281	0
152	MP4A	Z	.487	.487	0
153	MP1A	X	-.281	-.281	0
154	MP1A	Z	.487	.487	0
155	MP3A	X	-.281	-.281	0
156	MP3A	Z	.487	.487	0
157	MP2A	X	-.281	-.281	0
158	MP2A	Z	.487	.487	0
159	MP4C	X	-.281	-.281	0
160	MP4C	Z	.487	.487	0
161	MP1C	X	-.281	-.281	0
162	MP1C	Z	.487	.487	0
163	MP3C	X	-.281	-.281	0
164	MP3C	Z	.487	.487	0
165	MP2C	X	-.281	-.281	0
166	MP2C	Z	.487	.487	0
167	MP4B	X	-.281	-.281	0
168	MP4B	Z	.487	.487	0
169	MP1B	X	-.281	-.281	0
170	MP1B	Z	.487	.487	0
171	MP3B	X	-.281	-.281	0



Company :
 Designer :
 Job Number :
 Model Name : 467945-VZW_MT_LO_H

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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Locationft...	End Locationft...
172	MP3B	Z	.487	.487	0 %100
173	MP2B	X	-.281	-.281	0 %100
174	MP2B	Z	.487	.487	0 %100
175	M203	X	-.239	-.239	0 %100
176	M203	Z	.413	.413	0 %100
177	M205	X	-.239	-.239	0 %100
178	M205	Z	.413	.413	0 %100
179	M208	X	-.015	-.015	0 %100
180	M208	Z	.025	.025	0 %100
181	M209	X	-.015	-.015	0 %100
182	M209	Z	.025	.025	0 %100
183	M210	X	-.015	-.015	0 %100
184	M210	Z	.025	.025	0 %100
185	M211	X	-.015	-.015	0 %100
186	M211	Z	.025	.025	0 %100
187	M212	X	-.015	-.015	0 %100
188	M212	Z	.025	.025	0 %100
189	M213	X	-.015	-.015	0 %100
190	M213	Z	.025	.025	0 %100
191	M214	X	-.015	-.015	0 %100
192	M214	Z	.025	.025	0 %100
193	M215	X	-.015	-.015	0 %100
194	M215	Z	.025	.025	0 %100
195	M218	X	-.059	-.059	0 %100
196	M218	Z	.102	.102	0 %100
197	M219	X	-.059	-.059	0 %100
198	M219	Z	.102	.102	0 %100
199	M220	X	-.059	-.059	0 %100
200	M220	Z	.102	.102	0 %100
201	M221	X	-.059	-.059	0 %100
202	M221	Z	.102	.102	0 %100
203	M210B	X	-.283	-.283	0 %100
204	M210B	Z	.49	.49	0 %100
205	M215A	X	-.283	-.283	0 %100
206	M215A	Z	.49	.49	0 %100
207	M220B	X	0	0	0 %100
208	M220B	Z	0	0	0 %100
209	M221B	X	-.33	-.33	0 %100
210	M221B	Z	.571	.571	0 %100
211	M222A	X	0	0	0 %100
212	M222A	Z	0	0	0 %100
213	M223A	X	-.33	-.33	0 %100
214	M223A	Z	.571	.571	0 %100
215	M224	X	-.18	-.18	0 %100
216	M224	Z	.312	.312	0 %100
217	M225	X	-.546	-.546	0 %100
218	M225	Z	.945	.945	0 %100
219	M226	X	-.546	-.546	0 %100
220	M226	Z	.945	.945	0 %100
221	M227	X	-.18	-.18	0 %100
222	M227	Z	.312	.312	0 %100
223	M228	X	-.137	-.137	0 %100
224	M228	Z	.237	.237	0 %100
225	M229	X	-.137	-.137	0 %100
226	M229	Z	.237	.237	0 %100



Company :
 Designer :
 Job Number :
 Model Name : 467945-VZW_MT_LO_H

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

	Member Label	Direction	Start Magnitude[lb/ft.F,ksf]	End Magnitude[lb/ft.F,ksf]	Start Location[ft...]	End Location[ft...]
1	M1	X	-.417	-.417	0	%100
2	M1	Z	.241	.241	0	%100
3	M4	X	-1.027	-1.027	0	%100
4	M4	Z	.593	.593	0	%100
5	M5	X	-1.027	-1.027	0	%100
6	M5	Z	.593	.593	0	%100
7	M18	X	-.124	-.124	0	%100
8	M18	Z	.072	.072	0	%100
9	M19	X	-.134	-.134	0	%100
10	M19	Z	.077	.077	0	%100
11	M20	X	-.537	-.537	0	%100
12	M20	Z	.31	.31	0	%100
13	M21	X	-.15	-.15	0	%100
14	M21	Z	.087	.087	0	%100
15	M22	X	-.124	-.124	0	%100
16	M22	Z	.072	.072	0	%100
17	M28	X	-.304	-.304	0	%100
18	M28	Z	.176	.176	0	%100
19	M29	X	-1.216	-1.216	0	%100
20	M29	Z	.702	.702	0	%100
21	M27A	X	-.134	-.134	0	%100
22	M27A	Z	.077	.077	0	%100
23	M28A	X	-.537	-.537	0	%100
24	M28A	Z	.31	.31	0	%100
25	M29A	X	-.15	-.15	0	%100
26	M29A	Z	.087	.087	0	%100
27	M44	X	-1.41	-1.41	0	%100
28	M44	Z	.814	.814	0	%100
29	M47	X	-2.263	-2.263	0	%100
30	M47	Z	1.307	1.307	0	%100
31	M48	X	-2.263	-2.263	0	%100
32	M48	Z	1.307	1.307	0	%100
33	M51	X	-.167	-.167	0	%100
34	M51	Z	.097	.097	0	%100
35	M52	X	0	0	0	%100
36	M52	Z	0	0	0	%100
37	M55	X	0	0	0	%100
38	M55	Z	0	0	0	%100
39	M56	X	0	0	0	%100
40	M56	Z	0	0	0	%100
41	M69	X	-.497	-.497	0	%100
42	M69	Z	.287	.287	0	%100
43	M70	X	-.134	-.134	0	%100
44	M70	Z	.077	.077	0	%100
45	M71	X	-.134	-.134	0	%100
46	M71	Z	.077	.077	0	%100
47	M72	X	-.6	-.6	0	%100
48	M72	Z	.346	.346	0	%100
49	M73	X	-.497	-.497	0	%100
50	M73	Z	.287	.287	0	%100
51	M76	X	-.304	-.304	0	%100
52	M76	Z	.176	.176	0	%100
53	M77	X	-.304	-.304	0	%100
54	M77	Z	.176	.176	0	%100
55	M78	X	-.134	-.134	0	%100
56	M78	Z	.077	.077	0	%100
57	M79	X	-.134	-.134	0	%100



Company :
 Designer :
 Job Number :
 Model Name : 467945-VZW_MT_LO_H

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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Locationft...	End Locationft...
58	M79	Z	.077	.077	0 %100
59	M80	X	-.6	-.6	0 %100
60	M80	Z	.346	.346	0 %100
61	M95	X	-.186	-.186	0 %100
62	M95	Z	.108	.108	0 %100
63	M98	X	-1.818	-1.818	0 %100
64	M98	Z	1.05	1.05	0 %100
65	M99	X	-1.818	-1.818	0 %100
66	M99	Z	1.05	1.05	0 %100
67	M102	X	-.67	-.67	0 %100
68	M102	Z	.387	.387	0 %100
69	M103	X	-.417	-.417	0 %100
70	M103	Z	.241	.241	0 %100
71	M106	X	-1.027	-1.027	0 %100
72	M106	Z	.593	.593	0 %100
73	M107	X	-1.027	-1.027	0 %100
74	M107	Z	.593	.593	0 %100
75	M120	X	-.124	-.124	0 %100
76	M120	Z	.072	.072	0 %100
77	M121	X	-.537	-.537	0 %100
78	M121	Z	.31	.31	0 %100
79	M122	X	-.134	-.134	0 %100
80	M122	Z	.077	.077	0 %100
81	M123	X	-.15	-.15	0 %100
82	M123	Z	.087	.087	0 %100
83	M124	X	-.124	-.124	0 %100
84	M124	Z	.072	.072	0 %100
85	M127	X	-1.216	-1.216	0 %100
86	M127	Z	.702	.702	0 %100
87	M128	X	-.304	-.304	0 %100
88	M128	Z	.176	.176	0 %100
89	M129	X	-.537	-.537	0 %100
90	M129	Z	.31	.31	0 %100
91	M130	X	-.134	-.134	0 %100
92	M130	Z	.077	.077	0 %100
93	M131	X	-.15	-.15	0 %100
94	M131	Z	.087	.087	0 %100
95	M146	X	-1.41	-1.41	0 %100
96	M146	Z	.814	.814	0 %100
97	M149	X	-.594	-.594	0 %100
98	M149	Z	.343	.343	0 %100
99	M150	X	-.594	-.594	0 %100
100	M150	Z	.343	.343	0 %100
101	M153	X	-.167	-.167	0 %100
102	M153	Z	.097	.097	0 %100
103	M148A	X	-.351	-.351	0 %100
104	M148A	Z	.203	.203	0 %100
105	M149A	X	-1.403	-1.403	0 %100
106	M149A	Z	.81	.81	0 %100
107	M150A	X	-.351	-.351	0 %100
108	M150A	Z	.203	.203	0 %100
109	M151A	X	-.135	-.135	0 %100
110	M151A	Z	.078	.078	0 %100
111	M152A	X	-1.023	-1.023	0 %100
112	M152A	Z	.59	.59	0 %100
113	M154	X	-.54	-.54	0 %100
114	M154	Z	.312	.312	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...]	End Location[ft...]
115	M157	X	-.135	-.135	0 %100
116	M157	Z	.078	.078	0 %100
117	M166	X	-.341	-.341	0 %100
118	M166	Z	.197	.197	0 %100
119	M162A	X	-1.023	-1.023	0 %100
120	M162A	Z	.59	.59	0 %100
121	M163A	X	-.341	-.341	0 %100
122	M163A	Z	.197	.197	0 %100
123	M164A	X	0	0	0 %100
124	M164A	Z	0	0	0 %100
125	M165A	X	-1.364	-1.364	0 %100
126	M165A	Z	.787	.787	0 %100
127	M166A	X	0	0	0 %100
128	M166A	Z	0	0	0 %100
129	M167	X	-1.364	-1.364	0 %100
130	M167	Z	.787	.787	0 %100
131	M168	X	-1.023	-1.023	0 %100
132	M168	Z	.59	.59	0 %100
133	M169	X	-.341	-.341	0 %100
134	M169	Z	.197	.197	0 %100
135	M170	X	-1.023	-1.023	0 %100
136	M170	Z	.59	.59	0 %100
137	M171	X	-.341	-.341	0 %100
138	M171	Z	.197	.197	0 %100
139	M172	X	-.125	-.125	0 %100
140	M172	Z	.072	.072	0 %100
141	M173	X	-.5	-.5	0 %100
142	M173	Z	.289	.289	0 %100
143	M174	X	-.125	-.125	0 %100
144	M174	Z	.072	.072	0 %100
145	M175	X	-.135	-.135	0 %100
146	M175	Z	.078	.078	0 %100
147	M176	X	-.54	-.54	0 %100
148	M176	Z	.312	.312	0 %100
149	M177	X	-.135	-.135	0 %100
150	M177	Z	.078	.078	0 %100
151	MP4A	X	-.522	-.522	0 %100
152	MP4A	Z	.302	.302	0 %100
153	MP1A	X	-.522	-.522	0 %100
154	MP1A	Z	.302	.302	0 %100
155	MP3A	X	-.522	-.522	0 %100
156	MP3A	Z	.302	.302	0 %100
157	MP2A	X	-.522	-.522	0 %100
158	MP2A	Z	.302	.302	0 %100
159	MP4C	X	-.522	-.522	0 %100
160	MP4C	Z	.302	.302	0 %100
161	MP1C	X	-.522	-.522	0 %100
162	MP1C	Z	.302	.302	0 %100
163	MP3C	X	-.522	-.522	0 %100
164	MP3C	Z	.302	.302	0 %100
165	MP2C	X	-.522	-.522	0 %100
166	MP2C	Z	.302	.302	0 %100
167	MP4B	X	-.522	-.522	0 %100
168	MP4B	Z	.302	.302	0 %100
169	MP1B	X	-.522	-.522	0 %100
170	MP1B	Z	.302	.302	0 %100
171	MP3B	X	-.522	-.522	0 %100



Company :
 Designer :
 Job Number :
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Member Distributed Loads (BLC 73 : Structure Wm (240 Deg)) (Continued)

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Locationft...	End Locationft...
172	MP3B	Z	.302	.302	0 %100
173	MP2B	X	-.522	-.522	0 %100
174	MP2B	Z	.302	.302	0 %100
175	M203	X	-.432	-.432	0 %100
176	M203	Z	.249	.249	0 %100
177	M205	X	-.432	-.432	0 %100
178	M205	Z	.249	.249	0 %100
179	M208	X	-.076	-.076	0 %100
180	M208	Z	.044	.044	0 %100
181	M209	X	-.076	-.076	0 %100
182	M209	Z	.044	.044	0 %100
183	M210	X	-.076	-.076	0 %100
184	M210	Z	.044	.044	0 %100
185	M211	X	-.076	-.076	0 %100
186	M211	Z	.044	.044	0 %100
187	M212	X	0	0	0 %100
188	M212	Z	0	0	0 %100
189	M213	X	0	0	0 %100
190	M213	Z	0	0	0 %100
191	M214	X	0	0	0 %100
192	M214	Z	0	0	0 %100
193	M215	X	0	0	0 %100
194	M215	Z	0	0	0 %100
195	M218	X	-.076	-.076	0 %100
196	M218	Z	.044	.044	0 %100
197	M219	X	-.076	-.076	0 %100
198	M219	Z	.044	.044	0 %100
199	M220	X	-.076	-.076	0 %100
200	M220	Z	.044	.044	0 %100
201	M221	X	-.076	-.076	0 %100
202	M221	Z	.044	.044	0 %100
203	M210B	X	-.163	-.163	0 %100
204	M210B	Z	.094	.094	0 %100
205	M215A	X	-.653	-.653	0 %100
206	M215A	Z	.377	.377	0 %100
207	M220B	X	-.163	-.163	0 %100
208	M220B	Z	.094	.094	0 %100
209	M221B	X	-.761	-.761	0 %100
210	M221B	Z	.44	.44	0 %100
211	M222A	X	-.19	-.19	0 %100
212	M222A	Z	.11	.11	0 %100
213	M223A	X	-.19	-.19	0 %100
214	M223A	Z	.11	.11	0 %100
215	M224	X	-.051	-.051	0 %100
216	M224	Z	.029	.029	0 %100
217	M225	X	-.684	-.684	0 %100
218	M225	Z	.395	.395	0 %100
219	M226	X	-.759	-.759	0 %100
220	M226	Z	.438	.438	0 %100
221	M227	X	-.759	-.759	0 %100
222	M227	Z	.438	.438	0 %100
223	M228	X	-.684	-.684	0 %100
224	M228	Z	.395	.395	0 %100
225	M229	X	-.051	-.051	0 %100
226	M229	Z	.029	.029	0 %100



Company :
 Designer :
 Job Number :
 Model Name : 467945-VZW_MT_LO_H

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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...End Location[ft...
1	M1	X	-.643	0 %100
2	M1	Z	0	0 %100
3	M4	X	-1.582	0 %100
4	M4	Z	0	0 %100
5	M5	X	-1.582	0 %100
6	M5	Z	0	0 %100
7	M18	X	0	0 %100
8	M18	Z	0	0 %100
9	M19	X	-.465	0 %100
10	M19	Z	0	0 %100
11	M20	X	-.465	0 %100
12	M20	Z	0	0 %100
13	M21	X	0	0 %100
14	M21	Z	0	0 %100
15	M22	X	0	0 %100
16	M22	Z	0	0 %100
17	M28	X	-1.053	0 %100
18	M28	Z	0	0 %100
19	M29	X	-1.053	0 %100
20	M29	Z	0	0 %100
21	M27A	X	-.465	0 %100
22	M27A	Z	0	0 %100
23	M28A	X	-.465	0 %100
24	M28A	Z	0	0 %100
25	M29A	X	0	0 %100
26	M29A	Z	0	0 %100
27	M44	X	-2.1	0 %100
28	M44	Z	0	0 %100
29	M47	X	-3.441	0 %100
30	M47	Z	0	0 %100
31	M48	X	-3.441	0 %100
32	M48	Z	0	0 %100
33	M51	X	0	0 %100
34	M51	Z	0	0 %100
35	M52	X	-.161	0 %100
36	M52	Z	0	0 %100
37	M55	X	-.395	0 %100
38	M55	Z	0	0 %100
39	M56	X	-.395	0 %100
40	M56	Z	0	0 %100
41	M69	X	-.43	0 %100
42	M69	Z	0	0 %100
43	M70	X	0	0 %100
44	M70	Z	0	0 %100
45	M71	X	-.465	0 %100
46	M71	Z	0	0 %100
47	M72	X	-.519	0 %100
48	M72	Z	0	0 %100
49	M73	X	-.43	0 %100
50	M73	Z	0	0 %100
51	M76	X	0	0 %100
52	M76	Z	0	0 %100
53	M77	X	-1.053	0 %100
54	M77	Z	0	0 %100
55	M78	X	0	0 %100
56	M78	Z	0	0 %100
57	M79	X	-.465	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Locationft...	End Locationft...
58	M79	Z	0	0	%100
59	M80	X	-519	-519	%100
60	M80	Z	0	0	%100
61	M95	X	-686	-686	%100
62	M95	Z	0	0	%100
63	M98	X	-1.628	-1.628	%100
64	M98	Z	0	0	%100
65	M99	X	-1.628	-1.628	%100
66	M99	Z	0	0	%100
67	M102	X	-.58	-.58	%100
68	M102	Z	0	0	%100
69	M103	X	-.161	-.161	%100
70	M103	Z	0	0	%100
71	M106	X	-.395	-.395	%100
72	M106	Z	0	0	%100
73	M107	X	-.395	-.395	%100
74	M107	Z	0	0	%100
75	M120	X	-.43	-.43	%100
76	M120	Z	0	0	%100
77	M121	X	-.465	-.465	%100
78	M121	Z	0	0	%100
79	M122	X	0	0	%100
80	M122	Z	0	0	%100
81	M123	X	-.519	-.519	%100
82	M123	Z	0	0	%100
83	M124	X	-.43	-.43	%100
84	M124	Z	0	0	%100
85	M127	X	-1.053	-1.053	%100
86	M127	Z	0	0	%100
87	M128	X	0	0	%100
88	M128	Z	0	0	%100
89	M129	X	-.465	-.465	%100
90	M129	Z	0	0	%100
91	M130	X	0	0	%100
92	M130	Z	0	0	%100
93	M131	X	-.519	-.519	%100
94	M131	Z	0	0	%100
95	M146	X	-686	-686	%100
96	M146	Z	0	0	%100
97	M149	X	-1.628	-1.628	%100
98	M149	Z	0	0	%100
99	M150	X	-1.628	-1.628	%100
100	M150	Z	0	0	%100
101	M153	X	-.58	-.58	%100
102	M153	Z	0	0	%100
103	M148A	X	0	0	%100
104	M148A	Z	0	0	%100
105	M149A	X	-1.215	-1.215	%100
106	M149A	Z	0	0	%100
107	M150A	X	-1.215	-1.215	%100
108	M150A	Z	0	0	%100
109	M151A	X	0	0	%100
110	M151A	Z	0	0	%100
111	M152A	X	-1.575	-1.575	%100
112	M152A	Z	0	0	%100
113	M154	X	-.467	-.467	%100
114	M154	Z	0	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...]	End Location[ft...]
115	M157	X	-467	-467	0 %100
116	M157	Z	0	0	0 %100
117	M166	X	0	0	0 %100
118	M166	Z	0	0	0 %100
119	M162A	X	-1.575	-1.575	0 %100
120	M162A	Z	0	0	0 %100
121	M163A	X	0	0	0 %100
122	M163A	Z	0	0	0 %100
123	M164A	X	-394	-394	0 %100
124	M164A	Z	0	0	0 %100
125	M165A	X	-1.181	-1.181	0 %100
126	M165A	Z	0	0	0 %100
127	M166A	X	-394	-394	0 %100
128	M166A	Z	0	0	0 %100
129	M167	X	-1.181	-1.181	0 %100
130	M167	Z	0	0	0 %100
131	M168	X	-394	-394	0 %100
132	M168	Z	0	0	0 %100
133	M169	X	-1.181	-1.181	0 %100
134	M169	Z	0	0	0 %100
135	M170	X	-394	-394	0 %100
136	M170	Z	0	0	0 %100
137	M171	X	-1.181	-1.181	0 %100
138	M171	Z	0	0	0 %100
139	M172	X	0	0	0 %100
140	M172	Z	0	0	0 %100
141	M173	X	-433	-433	0 %100
142	M173	Z	0	0	0 %100
143	M174	X	-433	-433	0 %100
144	M174	Z	0	0	0 %100
145	M175	X	0	0	0 %100
146	M175	Z	0	0	0 %100
147	M176	X	-467	-467	0 %100
148	M176	Z	0	0	0 %100
149	M177	X	-467	-467	0 %100
150	M177	Z	0	0	0 %100
151	MP4A	X	-623	-623	0 %100
152	MP4A	Z	0	0	0 %100
153	MP1A	X	-623	-623	0 %100
154	MP1A	Z	0	0	0 %100
155	MP3A	X	-623	-623	0 %100
156	MP3A	Z	0	0	0 %100
157	MP2A	X	-623	-623	0 %100
158	MP2A	Z	0	0	0 %100
159	MP4C	X	-623	-623	0 %100
160	MP4C	Z	0	0	0 %100
161	MP1C	X	-623	-623	0 %100
162	MP1C	Z	0	0	0 %100
163	MP3C	X	-623	-623	0 %100
164	MP3C	Z	0	0	0 %100
165	MP2C	X	-623	-623	0 %100
166	MP2C	Z	0	0	0 %100
167	MP4B	X	-623	-623	0 %100
168	MP4B	Z	0	0	0 %100
169	MP1B	X	-623	-623	0 %100
170	MP1B	Z	0	0	0 %100
171	MP3B	X	-623	-623	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Locationft...	End Locationft...	
172	MP3B	Z	0	0	%100	
173	MP2B	X	-.623	-.623	0	%100
174	MP2B	Z	0	0	0	%100
175	M203	X	-.51	-.51	0	%100
176	M203	Z	0	0	0	%100
177	M205	X	-.51	-.51	0	%100
178	M205	Z	0	0	0	%100
179	M208	X	-.117	-.117	0	%100
180	M208	Z	0	0	0	%100
181	M209	X	-.117	-.117	0	%100
182	M209	Z	0	0	0	%100
183	M210	X	-.117	-.117	0	%100
184	M210	Z	0	0	0	%100
185	M211	X	-.117	-.117	0	%100
186	M211	Z	0	0	0	%100
187	M212	X	-.029	-.029	0	%100
188	M212	Z	0	0	0	%100
189	M213	X	-.029	-.029	0	%100
190	M213	Z	0	0	0	%100
191	M214	X	-.029	-.029	0	%100
192	M214	Z	0	0	0	%100
193	M215	X	-.029	-.029	0	%100
194	M215	Z	0	0	0	%100
195	M218	X	-.029	-.029	0	%100
196	M218	Z	0	0	0	%100
197	M219	X	-.029	-.029	0	%100
198	M219	Z	0	0	0	%100
199	M220	X	-.029	-.029	0	%100
200	M220	Z	0	0	0	%100
201	M221	X	-.029	-.029	0	%100
202	M221	Z	0	0	0	%100
203	M210B	X	0	0	0	%100
204	M210B	Z	0	0	0	%100
205	M215A	X	-.566	-.566	0	%100
206	M215A	Z	0	0	0	%100
207	M220B	X	-.566	-.566	0	%100
208	M220B	Z	0	0	0	%100
209	M221B	X	-.659	-.659	0	%100
210	M221B	Z	0	0	0	%100
211	M222A	X	-.659	-.659	0	%100
212	M222A	Z	0	0	0	%100
213	M223A	X	0	0	0	%100
214	M223A	Z	0	0	0	%100
215	M224	X	-.274	-.274	0	%100
216	M224	Z	0	0	0	%100
217	M225	X	-.274	-.274	0	%100
218	M225	Z	0	0	0	%100
219	M226	X	-.36	-.36	0	%100
220	M226	Z	0	0	0	%100
221	M227	X	-1.091	-1.091	0	%100
222	M227	Z	0	0	0	%100
223	M228	X	-1.091	-1.091	0	%100
224	M228	Z	0	0	0	%100
225	M229	X	-.36	-.36	0	%100
226	M229	Z	0	0	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...]	End Location[ft...]
1	M1	X	-417	-417	0	%100
2	M1	Z	-241	-241	0	%100
3	M4	X	-1.027	-1.027	0	%100
4	M4	Z	-593	-593	0	%100
5	M5	X	-1.027	-1.027	0	%100
6	M5	Z	-593	-593	0	%100
7	M18	X	-124	-124	0	%100
8	M18	Z	-072	-072	0	%100
9	M19	X	-537	-537	0	%100
10	M19	Z	-31	-31	0	%100
11	M20	X	-134	-134	0	%100
12	M20	Z	-077	-077	0	%100
13	M21	X	-15	-15	0	%100
14	M21	Z	-087	-087	0	%100
15	M22	X	-124	-124	0	%100
16	M22	Z	-072	-072	0	%100
17	M28	X	-1.216	-1.216	0	%100
18	M28	Z	-702	-702	0	%100
19	M29	X	-304	-304	0	%100
20	M29	Z	-176	-176	0	%100
21	M27A	X	-537	-537	0	%100
22	M27A	Z	-31	-31	0	%100
23	M28A	X	-134	-134	0	%100
24	M28A	Z	-077	-077	0	%100
25	M29A	X	-15	-15	0	%100
26	M29A	Z	-087	-087	0	%100
27	M44	X	-1.41	-1.41	0	%100
28	M44	Z	-814	-814	0	%100
29	M47	X	-2.263	-2.263	0	%100
30	M47	Z	-1.307	-1.307	0	%100
31	M48	X	-2.263	-2.263	0	%100
32	M48	Z	-1.307	-1.307	0	%100
33	M51	X	-167	-167	0	%100
34	M51	Z	-097	-097	0	%100
35	M52	X	-417	-417	0	%100
36	M52	Z	-241	-241	0	%100
37	M55	X	-1.027	-1.027	0	%100
38	M55	Z	-593	-593	0	%100
39	M56	X	-1.027	-1.027	0	%100
40	M56	Z	-593	-593	0	%100
41	M69	X	-124	-124	0	%100
42	M69	Z	-072	-072	0	%100
43	M70	X	-134	-134	0	%100
44	M70	Z	-077	-077	0	%100
45	M71	X	-537	-537	0	%100
46	M71	Z	-31	-31	0	%100
47	M72	X	-15	-15	0	%100
48	M72	Z	-087	-087	0	%100
49	M73	X	-124	-124	0	%100
50	M73	Z	-072	-072	0	%100
51	M76	X	-304	-304	0	%100
52	M76	Z	-176	-176	0	%100
53	M77	X	-1.216	-1.216	0	%100
54	M77	Z	-702	-702	0	%100
55	M78	X	-134	-134	0	%100
56	M78	Z	-077	-077	0	%100
57	M79	X	-537	-537	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Locationft...	End Locationft...
58	M79	Z	-.31	0	%100
59	M80	X	-.15	0	%100
60	M80	Z	-.087	0	%100
61	M95	X	-1.41	0	%100
62	M95	Z	-.814	0	%100
63	M98	X	-.594	0	%100
64	M98	Z	-.343	0	%100
65	M99	X	-.594	0	%100
66	M99	Z	-.343	0	%100
67	M102	X	-.167	0	%100
68	M102	Z	-.097	0	%100
69	M103	X	0	0	%100
70	M103	Z	0	0	%100
71	M106	X	0	0	%100
72	M106	Z	0	0	%100
73	M107	X	0	0	%100
74	M107	Z	0	0	%100
75	M120	X	-.497	0	%100
76	M120	Z	-.287	0	%100
77	M121	X	-.134	0	%100
78	M121	Z	-.077	0	%100
79	M122	X	-.134	0	%100
80	M122	Z	-.077	0	%100
81	M123	X	-.6	0	%100
82	M123	Z	-.346	0	%100
83	M124	X	-.497	0	%100
84	M124	Z	-.287	0	%100
85	M127	X	-.304	0	%100
86	M127	Z	-.176	0	%100
87	M128	X	-.304	0	%100
88	M128	Z	-.176	0	%100
89	M129	X	-.134	0	%100
90	M129	Z	-.077	0	%100
91	M130	X	-.134	0	%100
92	M130	Z	-.077	0	%100
93	M131	X	-.6	0	%100
94	M131	Z	-.346	0	%100
95	M146	X	-.186	0	%100
96	M146	Z	-.108	0	%100
97	M149	X	-1.818	0	%100
98	M149	Z	-1.05	0	%100
99	M150	X	-1.818	0	%100
100	M150	Z	-1.05	0	%100
101	M153	X	-.67	0	%100
102	M153	Z	-.387	0	%100
103	M148A	X	-.351	0	%100
104	M148A	Z	-.203	0	%100
105	M149A	X	-.351	0	%100
106	M149A	Z	-.203	0	%100
107	M150A	X	-1.403	0	%100
108	M150A	Z	-.81	0	%100
109	M151A	X	-.135	0	%100
110	M151A	Z	-.078	0	%100
111	M152A	X	-1.023	0	%100
112	M152A	Z	-.59	0	%100
113	M154	X	-.135	0	%100
114	M154	Z	-.078	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...]	End Location[ft...]
115	M157	X	-.54	-.54	0 %100
116	M157	Z	-.312	-.312	0 %100
117	M166	X	-.341	-.341	0 %100
118	M166	Z	-.197	-.197	0 %100
119	M162A	X	-1.023	-1.023	0 %100
120	M162A	Z	-.59	-.59	0 %100
121	M163A	X	-.341	-.341	0 %100
122	M163A	Z	-.197	-.197	0 %100
123	M164A	X	-1.023	-1.023	0 %100
124	M164A	Z	-.59	-.59	0 %100
125	M165A	X	-.341	-.341	0 %100
126	M165A	Z	-.197	-.197	0 %100
127	M166A	X	-1.023	-1.023	0 %100
128	M166A	Z	-.59	-.59	0 %100
129	M167	X	-.341	-.341	0 %100
130	M167	Z	-.197	-.197	0 %100
131	M168	X	0	0	0 %100
132	M168	Z	0	0	0 %100
133	M169	X	-1.364	-1.364	0 %100
134	M169	Z	-.787	-.787	0 %100
135	M170	X	0	0	0 %100
136	M170	Z	0	0	0 %100
137	M171	X	-1.364	-1.364	0 %100
138	M171	Z	-.787	-.787	0 %100
139	M172	X	-.125	-.125	0 %100
140	M172	Z	-.072	-.072	0 %100
141	M173	X	-.125	-.125	0 %100
142	M173	Z	-.072	-.072	0 %100
143	M174	X	-.5	-.5	0 %100
144	M174	Z	-.289	-.289	0 %100
145	M175	X	-.135	-.135	0 %100
146	M175	Z	-.078	-.078	0 %100
147	M176	X	-.135	-.135	0 %100
148	M176	Z	-.078	-.078	0 %100
149	M177	X	-.54	-.54	0 %100
150	M177	Z	-.312	-.312	0 %100
151	MP4A	X	-.522	-.522	0 %100
152	MP4A	Z	-.302	-.302	0 %100
153	MP1A	X	-.522	-.522	0 %100
154	MP1A	Z	-.302	-.302	0 %100
155	MP3A	X	-.522	-.522	0 %100
156	MP3A	Z	-.302	-.302	0 %100
157	MP2A	X	-.522	-.522	0 %100
158	MP2A	Z	-.302	-.302	0 %100
159	MP4C	X	-.522	-.522	0 %100
160	MP4C	Z	-.302	-.302	0 %100
161	MP1C	X	-.522	-.522	0 %100
162	MP1C	Z	-.302	-.302	0 %100
163	MP3C	X	-.522	-.522	0 %100
164	MP3C	Z	-.302	-.302	0 %100
165	MP2C	X	-.522	-.522	0 %100
166	MP2C	Z	-.302	-.302	0 %100
167	MP4B	X	-.522	-.522	0 %100
168	MP4B	Z	-.302	-.302	0 %100
169	MP1B	X	-.522	-.522	0 %100
170	MP1B	Z	-.302	-.302	0 %100
171	MP3B	X	-.522	-.522	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Locationft...	End Locationft...
172	MP3B	Z	-302	-302	0 %100
173	MP2B	X	-522	-522	0 %100
174	MP2B	Z	-302	-302	0 %100
175	M203	X	-432	-432	0 %100
176	M203	Z	-249	-249	0 %100
177	M205	X	-432	-432	0 %100
178	M205	Z	-249	-249	0 %100
179	M208	X	-076	-076	0 %100
180	M208	Z	-044	-044	0 %100
181	M209	X	-076	-076	0 %100
182	M209	Z	-044	-044	0 %100
183	M210	X	-076	-076	0 %100
184	M210	Z	-044	-044	0 %100
185	M211	X	-076	-076	0 %100
186	M211	Z	-044	-044	0 %100
187	M212	X	-076	-076	0 %100
188	M212	Z	-044	-044	0 %100
189	M213	X	-076	-076	0 %100
190	M213	Z	-044	-044	0 %100
191	M214	X	-076	-076	0 %100
192	M214	Z	-044	-044	0 %100
193	M215	X	-076	-076	0 %100
194	M215	Z	-044	-044	0 %100
195	M218	X	0	0	0 %100
196	M218	Z	0	0	0 %100
197	M219	X	0	0	0 %100
198	M219	Z	0	0	0 %100
199	M220	X	0	0	0 %100
200	M220	Z	0	0	0 %100
201	M221	X	0	0	0 %100
202	M221	Z	0	0	0 %100
203	M210B	X	-163	-163	0 %100
204	M210B	Z	-094	-094	0 %100
205	M215A	X	-163	-163	0 %100
206	M215A	Z	-094	-094	0 %100
207	M220B	X	-653	-653	0 %100
208	M220B	Z	-377	-377	0 %100
209	M221B	X	-19	-19	0 %100
210	M221B	Z	-11	-11	0 %100
211	M222A	X	-761	-761	0 %100
212	M222A	Z	-44	-44	0 %100
213	M223A	X	-19	-19	0 %100
214	M223A	Z	-11	-11	0 %100
215	M224	X	-684	-684	0 %100
216	M224	Z	-395	-395	0 %100
217	M225	X	-051	-051	0 %100
218	M225	Z	-029	-029	0 %100
219	M226	X	-051	-051	0 %100
220	M226	Z	-029	-029	0 %100
221	M227	X	-684	-684	0 %100
222	M227	Z	-395	-395	0 %100
223	M228	X	-759	-759	0 %100
224	M228	Z	-438	-438	0 %100
225	M229	X	-759	-759	0 %100
226	M229	Z	-438	-438	0 %100



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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...]	End Location[ft...]
1	M1	X	-.08	-.08	0	%100
2	M1	Z	-.139	-.139	0	%100
3	M4	X	-.198	-.198	0	%100
4	M4	Z	-.342	-.342	0	%100
5	M5	X	-.198	-.198	0	%100
6	M5	Z	-.342	-.342	0	%100
7	M18	X	-.215	-.215	0	%100
8	M18	Z	-.372	-.372	0	%100
9	M19	X	-.232	-.232	0	%100
10	M19	Z	-.402	-.402	0	%100
11	M20	X	0	0	0	%100
12	M20	Z	0	0	0	%100
13	M21	X	-.26	-.26	0	%100
14	M21	Z	-.45	-.45	0	%100
15	M22	X	-.215	-.215	0	%100
16	M22	Z	-.372	-.372	0	%100
17	M28	X	-.527	-.527	0	%100
18	M28	Z	-.912	-.912	0	%100
19	M29	X	0	0	0	%100
20	M29	Z	0	0	0	%100
21	M27A	X	-.232	-.232	0	%100
22	M27A	Z	-.402	-.402	0	%100
23	M28A	X	0	0	0	%100
24	M28A	Z	0	0	0	%100
25	M29A	X	-.26	-.26	0	%100
26	M29A	Z	-.45	-.45	0	%100
27	M44	X	-.343	-.343	0	%100
28	M44	Z	-.594	-.594	0	%100
29	M47	X	-.479	-.479	0	%100
30	M47	Z	-.83	-.83	0	%100
31	M48	X	-.479	-.479	0	%100
32	M48	Z	-.83	-.83	0	%100
33	M51	X	-.29	-.29	0	%100
34	M51	Z	-.502	-.502	0	%100
35	M52	X	-.321	-.321	0	%100
36	M52	Z	-.556	-.556	0	%100
37	M55	X	-.791	-.791	0	%100
38	M55	Z	-1.37	-1.37	0	%100
39	M56	X	-.791	-.791	0	%100
40	M56	Z	-1.37	-1.37	0	%100
41	M69	X	0	0	0	%100
42	M69	Z	0	0	0	%100
43	M70	X	-.232	-.232	0	%100
44	M70	Z	-.402	-.402	0	%100
45	M71	X	-.232	-.232	0	%100
46	M71	Z	-.402	-.402	0	%100
47	M72	X	0	0	0	%100
48	M72	Z	0	0	0	%100
49	M73	X	0	0	0	%100
50	M73	Z	0	0	0	%100
51	M76	X	-.527	-.527	0	%100
52	M76	Z	-.912	-.912	0	%100
53	M77	X	-.527	-.527	0	%100
54	M77	Z	-.912	-.912	0	%100
55	M78	X	-.232	-.232	0	%100
56	M78	Z	-.402	-.402	0	%100
57	M79	X	-.232	-.232	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Locationft...	End Locationft...
58	M79	Z	-402	0	%100
59	M80	X	0	0	%100
60	M80	Z	0	0	%100
61	M95	X	-1.05	0	%100
62	M95	Z	-1.818	0	%100
63	M98	X	-.108	0	%100
64	M98	Z	-.186	0	%100
65	M99	X	-.108	0	%100
66	M99	Z	-.186	0	%100
67	M102	X	0	0	%100
68	M102	Z	0	0	%100
69	M103	X	-.08	0	%100
70	M103	Z	-.139	0	%100
71	M106	X	-.198	0	%100
72	M106	Z	-.342	0	%100
73	M107	X	-.198	0	%100
74	M107	Z	-.342	0	%100
75	M120	X	-.215	0	%100
76	M120	Z	-.372	0	%100
77	M121	X	0	0	%100
78	M121	Z	0	0	%100
79	M122	X	-.232	0	%100
80	M122	Z	-.402	0	%100
81	M123	X	-.26	0	%100
82	M123	Z	-.45	0	%100
83	M124	X	-.215	0	%100
84	M124	Z	-.372	0	%100
85	M127	X	0	0	%100
86	M127	Z	0	0	%100
87	M128	X	-.527	0	%100
88	M128	Z	-.912	0	%100
89	M129	X	0	0	%100
90	M129	Z	0	0	%100
91	M130	X	-.232	0	%100
92	M130	Z	-.402	0	%100
93	M131	X	-.26	0	%100
94	M131	Z	-.45	0	%100
95	M146	X	-.343	0	%100
96	M146	Z	-.594	0	%100
97	M149	X	-.814	0	%100
98	M149	Z	-1.41	0	%100
99	M150	X	-.814	0	%100
100	M150	Z	-1.41	0	%100
101	M153	X	-.29	0	%100
102	M153	Z	-.502	0	%100
103	M148A	X	-.608	0	%100
104	M148A	Z	-1.052	0	%100
105	M149A	X	0	0	%100
106	M149A	Z	0	0	%100
107	M150A	X	-.608	0	%100
108	M150A	Z	-1.052	0	%100
109	M151A	X	-.234	0	%100
110	M151A	Z	-.405	0	%100
111	M152A	X	-.197	0	%100
112	M152A	Z	-.341	0	%100
113	M154	X	0	0	%100
114	M154	Z	0	0	%100



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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...]	End Location[ft...]
115	M157	X	-234	-234	0 %100
116	M157	Z	-405	-405	0 %100
117	M166	X	-59	-59	0 %100
118	M166	Z	-1.023	-1.023	0 %100
119	M162A	X	-197	-197	0 %100
120	M162A	Z	-341	-341	0 %100
121	M163A	X	-59	-59	0 %100
122	M163A	Z	-1.023	-1.023	0 %100
123	M164A	X	-787	-787	0 %100
124	M164A	Z	-1.364	-1.364	0 %100
125	M165A	X	0	0	0 %100
126	M165A	Z	0	0	0 %100
127	M166A	X	-787	-787	0 %100
128	M166A	Z	-1.364	-1.364	0 %100
129	M167	X	0	0	0 %100
130	M167	Z	0	0	0 %100
131	M168	X	-197	-197	0 %100
132	M168	Z	-341	-341	0 %100
133	M169	X	-59	-59	0 %100
134	M169	Z	-1.023	-1.023	0 %100
135	M170	X	-197	-197	0 %100
136	M170	Z	-341	-341	0 %100
137	M171	X	-59	-59	0 %100
138	M171	Z	-1.023	-1.023	0 %100
139	M172	X	-217	-217	0 %100
140	M172	Z	-375	-375	0 %100
141	M173	X	0	0	0 %100
142	M173	Z	0	0	0 %100
143	M174	X	-217	-217	0 %100
144	M174	Z	-375	-375	0 %100
145	M175	X	-234	-234	0 %100
146	M175	Z	-405	-405	0 %100
147	M176	X	0	0	0 %100
148	M176	Z	0	0	0 %100
149	M177	X	-234	-234	0 %100
150	M177	Z	-405	-405	0 %100
151	MP4A	X	-281	-281	0 %100
152	MP4A	Z	-487	-487	0 %100
153	MP1A	X	-281	-281	0 %100
154	MP1A	Z	-487	-487	0 %100
155	MP3A	X	-281	-281	0 %100
156	MP3A	Z	-487	-487	0 %100
157	MP2A	X	-281	-281	0 %100
158	MP2A	Z	-487	-487	0 %100
159	MP4C	X	-281	-281	0 %100
160	MP4C	Z	-487	-487	0 %100
161	MP1C	X	-281	-281	0 %100
162	MP1C	Z	-487	-487	0 %100
163	MP3C	X	-281	-281	0 %100
164	MP3C	Z	-487	-487	0 %100
165	MP2C	X	-281	-281	0 %100
166	MP2C	Z	-487	-487	0 %100
167	MP4B	X	-281	-281	0 %100
168	MP4B	Z	-487	-487	0 %100
169	MP1B	X	-281	-281	0 %100
170	MP1B	Z	-487	-487	0 %100
171	MP3B	X	-281	-281	0 %100



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

Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Locationft...	End Locationft...
172	MP3B	Z	-487	0	%100
173	MP2B	X	-281	0	%100
174	MP2B	Z	-487	0	%100
175	M203	X	-239	0	%100
176	M203	Z	-413	0	%100
177	M205	X	-239	0	%100
178	M205	Z	-413	0	%100
179	M208	X	-015	0	%100
180	M208	Z	-025	0	%100
181	M209	X	-015	0	%100
182	M209	Z	-025	0	%100
183	M210	X	-015	0	%100
184	M210	Z	-025	0	%100
185	M211	X	-015	0	%100
186	M211	Z	-025	0	%100
187	M212	X	-059	0	%100
188	M212	Z	-102	0	%100
189	M213	X	-059	0	%100
190	M213	Z	-102	0	%100
191	M214	X	-059	0	%100
192	M214	Z	-102	0	%100
193	M215	X	-059	0	%100
194	M215	Z	-102	0	%100
195	M218	X	-015	0	%100
196	M218	Z	-025	0	%100
197	M219	X	-015	0	%100
198	M219	Z	-025	0	%100
199	M220	X	-015	0	%100
200	M220	Z	-025	0	%100
201	M221	X	-015	0	%100
202	M221	Z	-025	0	%100
203	M210B	X	-283	0	%100
204	M210B	Z	-49	0	%100
205	M215A	X	0	0	%100
206	M215A	Z	0	0	%100
207	M220B	X	-283	0	%100
208	M220B	Z	-49	0	%100
209	M221B	X	0	0	%100
210	M221B	Z	0	0	%100
211	M222A	X	-33	0	%100
212	M222A	Z	-571	0	%100
213	M223A	X	-33	0	%100
214	M223A	Z	-571	0	%100
215	M224	X	-546	0	%100
216	M224	Z	-945	0	%100
217	M225	X	-18	0	%100
218	M225	Z	-312	0	%100
219	M226	X	-137	0	%100
220	M226	Z	-237	0	%100
221	M227	X	-137	0	%100
222	M227	Z	-237	0	%100
223	M228	X	-18	0	%100
224	M228	Z	-312	0	%100
225	M229	X	-546	0	%100
226	M229	Z	-945	0	%100



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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Location[ft...End Location[ft...
1	M151A	Y	-.996	-2.436	0 .413
2	M151A	Y	-2.436	-3.267	.413 .827
3	M151A	Y	-3.267	-2.147	.827 1.24
4	M151A	Y	-2.147	-.493	1.24 1.653
5	M151A	Y	-.493	-.072	1.653 2.067
6	M162A	Y	.2	.2	0 .119
7	M162A	Y	.2	.061	.119 .239
8	M162A	Y	.061	-1.679	.239 .358
9	M162A	Y	-1.679	-4.879	.358 .477
10	M168	Y	.044	.044	0 .095
11	M168	Y	.044	.016	.095 .191
12	M168	Y	.016	-.342	.191 .286
13	M168	Y	-.342	-1.109	.286 .382
14	M168	Y	-1.109	-1.984	.382 .477
15	M177	Y	-.084	-.531	3.1 3.513
16	M177	Y	-.531	-2.24	3.513 3.927
17	M177	Y	-2.24	-3.204	3.927 4.34
18	M177	Y	-3.204	-2.066	4.34 4.753
19	M177	Y	-2.066	-.386	4.753 5.167
20	M195	Y	-.457	-.457	0 .208
21	M157	Y	-.95	-2.421	0 .413
22	M157	Y	-2.421	-3.269	.413 .827
23	M157	Y	-3.269	-2.148	.827 1.24
24	M157	Y	-2.148	-.495	1.24 1.653
25	M157	Y	-.495	-.074	1.653 2.067
26	M164A	Y	.167	.167	0 .119
27	M164A	Y	.167	-.047	.119 .239
28	M164A	Y	-.047	-1.6	.239 .358
29	M164A	Y	-1.6	-4.28	.358 .477
30	M170	Y	.084	.084	0 .119
31	M170	Y	.084	-.122	.119 .239
32	M170	Y	-.122	-1	.239 .358
33	M170	Y	-1	-2.343	.358 .477
34	M176	Y	-.083	-.531	3.1 3.513
35	M176	Y	-.531	-2.239	3.513 3.927
36	M176	Y	-2.239	-3.203	3.927 4.34
37	M176	Y	-3.203	-2.073	4.34 4.753
38	M176	Y	-2.073	-.409	4.753 5.167
39	M187	Y	-.457	-.457	0 .208
40	M152A	Y	.118	.118	0 .119
41	M152A	Y	.118	-.096	.119 .239
42	M152A	Y	-.096	-1.251	.239 .358
43	M152A	Y	-1.251	-3.131	.358 .477
44	M154	Y	-.95	-2.421	0 .413
45	M154	Y	-2.421	-3.269	.413 .827
46	M154	Y	-3.269	-2.148	.827 1.24
47	M154	Y	-2.148	-.495	1.24 1.653
48	M154	Y	-.495	-.074	1.653 2.067
49	M166A	Y	.134	.134	0 .119
50	M166A	Y	.134	-.072	.119 .239
51	M166A	Y	-.072	-1.35	.239 .358
52	M166A	Y	-1.35	-3.492	.358 .477
53	M175	Y	-.083	-.531	3.1 3.513
54	M175	Y	-.531	-2.239	3.513 3.927
55	M175	Y	-2.239	-3.203	3.927 4.34
56	M175	Y	-3.203	-2.073	4.34 4.753
57	M175	Y	-2.073	-.409	4.753 5.167



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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Locationft...	End Locationft...
58	M179	Y	-457	-457	0	.208
59	M102	Y	1.368	.105	3.733	4.267
60	M102	Y	.105	-9.367	4.267	4.8
61	M102	Y	-9.367	-25.783	4.8	5.333
62	M153	Y	-32.174	-13.571	0	.4
63	M153	Y	-13.571	-2.444	.4	.8
64	M153	Y	-2.444	.273	.8	1.2
65	M153	Y	.273	1.163	1.2	1.6
66	M51	Y	1.372	.129	3.733	4.267
67	M51	Y	.129	-9.344	4.267	4.8
68	M51	Y	-9.344	-25.804	4.8	5.333
69	M102	Y	-32.213	-13.593	0	.4
70	M102	Y	-13.593	-2.452	.4	.8
71	M102	Y	-2.452	.271	.8	1.2
72	M102	Y	.271	1.164	1.2	1.6
73	M51	Y	-32.213	-13.593	0	.4
74	M51	Y	-13.593	-2.452	.4	.8
75	M51	Y	-2.452	.271	.8	1.2
76	M51	Y	.271	1.164	1.2	1.6
77	M153	Y	1.372	.129	3.733	4.267
78	M153	Y	.129	-9.344	4.267	4.8
79	M153	Y	-9.344	-25.804	4.8	5.333

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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Locationft...	End Locationft...
1	M151A	Y	-3.066	-7.494	0	.413
2	M151A	Y	-7.494	-10.054	.413	.827
3	M151A	Y	-10.054	-6.606	.827	1.24
4	M151A	Y	-6.606	-1.517	1.24	1.653
5	M151A	Y	-1.517	-.221	1.653	2.067
6	M162A	Y	.615	.615	0	.119
7	M162A	Y	.615	.187	.119	.239
8	M162A	Y	.187	-5.165	.239	.358
9	M162A	Y	-5.165	-15.013	.358	.477
10	M168	Y	.135	.135	0	.095
11	M168	Y	.135	.048	.095	.191
12	M168	Y	.048	-1.053	.191	.286
13	M168	Y	-1.053	-3.413	.286	.382
14	M168	Y	-3.413	-6.104	.382	.477
15	M177	Y	-.258	-1.635	3.1	3.513
16	M177	Y	-1.635	-6.892	3.513	3.927
17	M177	Y	-6.892	-9.857	3.927	4.34
18	M177	Y	-9.857	-6.357	4.34	4.753
19	M177	Y	-6.357	-1.189	4.753	5.167
20	M195	Y	-1.408	-1.408	0	.208
21	M157	Y	-2.923	-7.45	0	.413
22	M157	Y	-7.45	-10.059	.413	.827
23	M157	Y	-10.059	-6.611	.827	1.24
24	M157	Y	-6.611	-1.522	1.24	1.653
25	M157	Y	-1.522	-.226	1.653	2.067
26	M164A	Y	.515	.515	0	.119
27	M164A	Y	.515	-.143	.119	.239
28	M164A	Y	-.143	-4.924	.239	.358
29	M164A	Y	-4.924	-13.169	.358	.477
30	M170	Y	.258	.258	0	.119
31	M170	Y	.258	-.376	.119	.239



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

	Member Label	Direction	Start Magnitude[lb/ft,F,ksf]	End Magnitude[lb/ft,F,ksf]	Start Locationft...	End Locationft...
32	M170	Y	-.376	-3.077	.239	.358
33	M170	Y	-3.077	-7.21	.358	.477
34	M176	Y	-.256	-1.632	3.1	3.513
35	M176	Y	-1.632	-6.89	3.513	3.927
36	M176	Y	-6.89	-9.855	3.927	4.34
37	M176	Y	-9.855	-6.379	4.34	4.753
38	M176	Y	-6.379	-1.259	4.753	5.167
39	M187	Y	-1.408	-1.408	0	.208
40	M152A	Y	.362	.362	0	.119
41	M152A	Y	.362	-.297	.119	.239
42	M152A	Y	-.297	-3.848	.239	.358
43	M152A	Y	-3.848	-9.635	.358	.477
44	M154	Y	-2.923	-7.45	0	.413
45	M154	Y	-7.45	-10.059	.413	.827
46	M154	Y	-10.059	-6.611	.827	1.24
47	M154	Y	-6.611	-1.522	1.24	1.653
48	M154	Y	-1.522	-.226	1.653	2.067
49	M166A	Y	.412	.412	0	.119
50	M166A	Y	.412	-.223	.119	.239
51	M166A	Y	-.223	-4.153	.239	.358
52	M166A	Y	-4.153	-10.744	.358	.477
53	M175	Y	-.256	-1.632	3.1	3.513
54	M175	Y	-1.632	-6.89	3.513	3.927
55	M175	Y	-6.89	-9.855	3.927	4.34
56	M175	Y	-9.855	-6.379	4.34	4.753
57	M175	Y	-6.379	-1.259	4.753	5.167
58	M179	Y	-1.408	-1.408	0	.208
59	M102	Y	4.221	.397	3.733	4.267
60	M102	Y	.397	-28.75	4.267	4.8
61	M102	Y	-28.75	-79.397	4.8	5.333
62	M153	Y	-99.114	-41.826	0	.4
63	M153	Y	-41.826	-7.547	.4	.8
64	M153	Y	-7.547	.834	.8	1.2
65	M153	Y	.834	3.581	1.2	1.6
66	M51	Y	4.221	.397	3.733	4.267
67	M51	Y	.397	-28.75	4.267	4.8
68	M51	Y	-28.75	-79.397	4.8	5.333
69	M102	Y	-99.118	-41.825	0	.4
70	M102	Y	-41.825	-7.546	.4	.8
71	M102	Y	-7.546	.834	.8	1.2
72	M102	Y	.834	3.581	1.2	1.6
73	M51	Y	-99.118	-41.825	0	.4
74	M51	Y	-41.825	-7.546	.4	.8
75	M51	Y	-7.546	.834	.8	1.2
76	M51	Y	.834	3.581	1.2	1.6
77	M153	Y	4.221	.397	3.733	4.267
78	M153	Y	.397	-28.75	4.267	4.8
79	M153	Y	-28.75	-79.397	4.8	5.333

Member Area Loads (BLC 39 : Structure D)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N207A	N214	N338	N331A	Y	Two Way	-.005
2	N337	N215	N207B	N335	Y	Two Way	-.005
3	N334	N208	N206A	N332A	Y	Two Way	-.005
4	N223	N329	N331	N225	Y	Two Way	-.005



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Member Area Loads (BLC 39 : Structure D) (Continued)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
5	N328	N224	N222	N326A	Y	Two Way	-.005
6	N325A	N221	N226	N332	Y	Two Way	-.005

Member Area Loads (BLC 40 : Structure Di)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N207A	N214	N338	N331A	Y	Two Way	-.016
2	N337	N215	N207B	N335	Y	Two Way	-.016
3	N334	N208	N206A	N332A	Y	Two Way	-.016
4	N225	N331	N329	N223	Y	Two Way	-.016
5	N328	N224	N222	N326A	Y	Two Way	-.016
6	N325A	N221	N226	N332	Y	Two Way	-.016

Envelope Joint Reactions

Joint		X [lb]	LC	Y [lb]	LC	Z [lb]	LC	MX [k-ft]	LC	MY [k-ft]	LC	MZ [k-ft]	LC	
1	N2	max	935.062	10	1862.851	13	137.192	12	0	51	.374	4	.41	10
2		min	-944.254	4	64.662	43	-923.876	18	0	1	-.415	10	-.435	4
3	N71B	max	171.148	11	1862.021	21	910.127	12	.339	6	.35	4	.204	12
4		min	-800.482	17	105.982	3	-664.356	6	-.354	12	-.393	10	-.195	6
5	N140	max	1110.21	45	1592.675	17	763.994	2	.332	8	.349	4	.192	8
6		min	-336.802	3	19.945	11	-564.037	8	-.299	2	-.395	10	-.173	2
7	N373A	max	830.639	10	1696.882	17	969.169	12	0	4	0	10	0	48
8		min	-2965.98	16	-129.119	11	-1896.62	6	0	10	0	4	0	6
9	N374A	max	1277.872	11	1679.549	13	3189.006	13	0	7	0	42	0	42
10		min	-1221.416	5	-112.051	7	-351.097	7	0	25	0	12	0	12
11	N375	max	2953.252	22	1713.851	21	1003.27	2	0	10	0	2	0	45
12		min	-668.759	4	-123.216	3	-1931.654	8	0	28	0	44	0	3
13	Totals:	max	5843.335	10	9422.494	14	5484.386	1						
14		min	-5843.355	4	3189.103	8	-5484.427	7						

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

Memb...	Shape	Code Check	Loc[ft]	LC	Shear ...Loc[... Dir	LC	phi*P...	phi*Pnt [...phi*Mn ...phi*Mn z-...	Cb	Eqn				
1	M4	C4X4.5	.533	0	4	.255	1.75	y	4	27152... 43416	1.093	5.535	2.57	H1...
2	M5	C4X4.5	.531	0	10	.258	1.75	y	10	27152... 43416	1.093	5.535	2.5	H1...
3	M229	L2.5x2.5x3	.503	3.032	16	.007	0	z	6	8933... 29192.4	.873	1.526	1.1	H2...
4	M226	L2.5x2.5x3	.502	3.032	22	.007	0	z	16	8933... 29192.4	.873	1.526	1.1	H2...
5	M225	L2.5x2.5x3	.501	3.032	24	.007	6.063	y	24	8933... 29192.4	.873	1.526	1.1	H2...
6	M227	L2.5x2.5x3	.493	3.032	20	.007	6.063	z	10	8933... 29192.4	.873	1.526	1.1	H2...
7	M228	L2.5x2.5x3	.487	3.032	18	.006	0	y	4	8933... 29192.4	.873	1.526	1.1	H2...
8	M56	C4X4.5	.481	0	6	.244	1.75	y	6	27152... 43416	1.093	5.535	2.5	H1...
9	M224	L2.5x2.5x3	.478	3.032	14	.006	0	y	12	8933... 29192.4	.873	1.526	1.1	H2...
10	M55	C4X4.5	.475	0	12	.244	1.75	y	12	27152... 43416	1.093	5.535	2.5	H1...
11	MP3A	PIPE 2.0	.434	2.5	7	.132	5		4	20866... 32130	1.872	1.872	2.3	H1...
12	MP3C	PIPE 2.0	.430	2.5	9	.131	5		12	20866... 32130	1.872	1.872	2.2	H1...
13	MP3B	PIPE 2.0	.430	2.5	5	.134	5		8	20866... 32130	1.872	1.872	2.2	H1...
14	M106	C4X4.5	.427	2.369	9	.210	1.75	y	8	27152... 43416	1.093	5.535	2.1	H1...
15	M107	C4X4.5	.414	0	2	.211	1.75	y	2	27152... 43416	1.093	5.535	2.4	H1...
16	M174	PIPE 2.0	.359	1.736	5	.253	0		5	26092... 32130	1.872	1.872	1.5	H3...
17	M29A	L2x2x4	.355	.608	13	.067	.608	z	13	24553... 30585.6	.691	1.577	1.6	H2...
18	M21	L2x2x4	.352	.608	13	.066	.608	y	13	24553... 30585.6	.691	1.577	1.6	H2...
19	M80	L2x2x4	.351	.608	21	.068	.608	z	21	24553... 30585.6	.691	1.577	1.6	H2...
20	M72	L2x2x4	.348	.608	21	.066	.608	y	21	24553... 30585.6	.691	1.577	1.6	H2...
21	M215A	PIPE 2.5	.341	2.115	22	.220	12.5		19	10819... 50715	3.596	3.596	2.0	H1...
22	M172	PIPE 2.0	.338	1.736	28	.229	0		1	26092... 32130	1.872	1.872	1.6	H1...



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

Memb...	Shape	Code Check	Loc[ft]	LC	Shear	Loc[...]	Dir	LC	phi*P...	phi*Pnt [...]	phi*Mn...	phi*Mn z...	Cb	Eqn
23	M173	PIPE 2.0	.337	1.736	2	.246	0	9	26092...	32130	1.872	1.872	1.97	H1...
24	M77	C4X2	.331	1.738	22	.318	1.184	y	22	63502...	68801.4	2.141	7.717	1.9...H1...
25	M131	L2x2x4	.324	1.476	41	.061	1.476	z	41	24553...	30585.6	.691	1.577	1.6...H2...
26	M220B	PIPE 2.5	.324	2.115	18	.222	12.5...		15	10819...	50715	3.596	3.596	2.1...H1...
27	M28	C4X2	.324	1.738	24	.313	1.184	y	24	63502...	68801.4	2.141	7.717	1.9...H1...
28	M123	L2x2x4	.321	1.476	41	.058	1.476	y	41	24553...	30585.6	.691	1.577	1.6...H2...
29	M29	C4X2	.312	1.738	14	.302	1.184	y	14	63502...	68801.4	2.141	7.717	1.9...H1...
30	M210B	PIPE 2.5	.307	2.115	14	.236	12.5...		23	10819...	50715	3.596	3.596	1.9...H1...
31	M76	C4X2	.303	1.738	20	.294	1.184	y	20	63502...	68801.4	2.141	7.717	1.9...H1...
32	M154	PIPE 2.0	.302	4.521	4	.246	4.521		9	23329...	32130	1.872	1.872	2.1...H1...
33	MP2A	PIPE 2.0	.295	4	39	.105	4		19	20866...	32130	1.872	1.872	2.0...H1...
34	M175	PIPE 2.0	.289	.7	38	.199	.646		1	23329...	32130	1.872	1.872	1.5...H1...
35	M128	C4X2	.286	1.738	18	.274	1.184	y	18	63502...	68801.4	2.141	7.717	1.9...H1...
36	M127	C4X2	.283	1.738	16	.272	1.184	y	16	63502...	68801.4	2.141	7.717	1.9...H1...
37	M177	PIPE 2.0	.283	.646	22	.217	.646		5	23329...	32130	1.872	1.872	4.0...H1...
38	MP2C	PIPE 2.0	.279	1.5	5	.098	1.5		24	20866...	32130	1.872	1.872	1.9...H1...
39	MP2B	PIPE 2.0	.278	1.5	1	.099	4		23	20866...	32130	1.872	1.872	2.2...H1...
40	M157	PIPE 2.0	.278	4.521	12	.253	4.521		5	23329...	32130	1.872	1.872	1.9...H1...
41	M176	PIPE 2.0	.275	.646	14	.210	.646		9	23329...	32130	1.872	1.872	3.7...H1...
42	M151A	PIPE 2.0	.271	4.521	9	.229	4.521		1	23329...	32130	1.872	1.872	1.7...H1...
43	MP4A	PIPE 2.0	.264	1.375	11	.117	2.375		23	20866...	32130	1.872	1.872	1.9...H1...
44	MP4B	PIPE 2.0	.261	1.375	3	.115	2.375		15	20866...	32130	1.872	1.872	1.8...H1...
45	M102	HSS3X3X4	.258	3.222	13	.110	2.667	z	10	80855...	101016	8.556	8.556	1.2...H1...
46	M221B	L3X3X4	.258	0	16	.051	1.413	y	4	44636...	46656	1.688	3.756	1.0...H2...
47	M51	HSS3X3X4	.256	3.278	17	.104	2.667	z	5	80855...	101016	8.556	8.556	1.2...H1...
48	M222A	L3X3X4	.256	1.413	22	.045	1.413	y	12	44636...	46656	1.688	3.756	1.03H2...
49	M153	HSS3X3X4	.247	3.222	22	.089	3.222	z	9	80855...	101016	8.556	8.556	1.1...H1...
50	M223A	L3X3X4	.245	1.413	22	.042	0	y	12	44636...	46656	1.688	3.756	1.0...H2...
51	M22	L2x2x4	.238	.417	13	.101	.833	z	24	29529...	30585.6	.691	1.577	1.3...H2...
52	M73	L2x2x4	.237	.417	21	.104	0	z	22	29529...	30585.6	.691	1.577	1.3...H2...
53	MP4C	PIPE 2.0	.232	1.375	7	.115	2.375		19	20866...	32130	1.872	1.872	2.1...H1...
54	M124	L2x2x4	.206	.417	17	.086	0	z	18	29529...	30585.6	.691	1.577	1.3...H2...
55	M1	PIPE 3.5	.197	.521	13	.108	0		4	77368...	78750	7.954	7.954	1.4...H1...
56	M52	PIPE 3.5	.196	.521	21	.101	0		12	77368...	78750	7.954	7.954	1.4...H1...
57	MP1A	PIPE 2.0	.196	1.375	39	.093	2.875		16	20866...	32130	1.872	1.872	2.1...H1...
58	M150A	C4X2	.191	1.148	24	.301	2.789	y	22	48552...	68801.4	2.141	7.717	1.1...H1...
59	MP1C	PIPE 2.0	.187	1.375	11	.090	2.875		24	20866...	32130	1.872	1.872	1.7...H1...
60	M148A	C4X2	.178	1.148	20	.277	1.148	y	20	48552...	68801.4	2.141	7.717	1.2...H1...
61	M149A	C4X2	.176	2.789	14	.284	2.789	y	14	48552...	68801.4	2.141	7.717	1.2...H1...
62	MP1B	PIPE 2.0	.175	1.375	7	.090	2.875		20	20866...	32130	1.872	1.872	1.9...H1...
63	M47	PL1/2X8	.173	0	4	.064	0	y	4	90068...	129600	1.35	21.6	2.0...H1...
64	M48	PL1/2X8	.170	0	10	.067	0	y	10	90068...	129600	1.35	21.6	1.9...H1...
65	M103	PIPE 3.5	.168	.521	17	.094	0		8	77368...	78750	7.954	7.954	1.4...H1...
66	M98	PL1/2X8	.166	0	24	.053	0	y	2	90068...	129600	1.35	21.6	1.4...H1...
67	M99	PL1/2X8	.165	0	6	.054	0	y	6	90068...	129600	1.35	21.6	1.8...H1...
68	M149	PL1/2X8	.147	0	8	.062	0	y	10	90068...	129600	1.35	21.6	2.06H1...
69	M71	L2x2x4	.144	1.159	22	.212	1.25	z	21	28259...	30585.6	.691	1.577	2.1...H2...
70	M19	L2x2x4	.142	1.159	13	.208	1.25	y	13	28259...	30585.6	.691	1.577	2.1...H2...
71	M79	L2x2x4	.141	1.159	21	.216	1.25	y	21	28259...	30585.6	.691	1.577	2.4...H2...
72	M150	PL1/2X8	.140	0	2	.049	1	y	2	90068...	129600	1.35	21.6	1.9...H1...
73	M20	L2x2x4	.139	1.159	14	.217	1.25	z	13	28259...	30585.6	.691	1.577	2.1...H2...
74	M27A	L2x2x4	.139	1.159	13	.212	1.25	z	13	28259...	30585.6	.691	1.577	2.4...H2...
75	M28A	L2x2x4	.137	1.159	14	.220	1.25	y	13	28259...	30585.6	.691	1.577	2.4...H2...
76	M70	L2x2x4	.137	1.159	21	.212	1.25	y	21	28259...	30585.6	.691	1.577	2.1...H2...
77	M78	L2x2x4	.135	1.159	21	.214	1.25	z	21	28259...	30585.6	.691	1.577	2.3...H2...
78	M214	SR 0.625	.127	0	22	.009	.5		22	9197...	9940.19	.104	.104	2.1...H1...
79	M208	SR 0.625	.124	0	24	.009	.5		23	9197...	9940.19	.104	.104	2.1...H1...



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

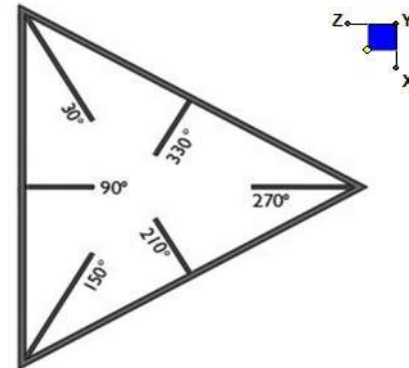
Memb...	Shape	Code Check	Loc[ft]	LC	Shear	Loc[...]	Dir	LC	phi*P...	phi*Pnt [...]	phi*Mn ...	phi*Mn z...	Cb	Eqn
80	M121	L2x2x4	.123	1.159	41	.198	1.25	y	41	28259...	30585.6	.691	1.577	2.13 H2...
81	M122	L2x2x4	.122	1.159	42	.194	1.25	z	41	28259...	30585.6	.691	1.577	2.1...H2...
82	M130	L2x2x4	.121	1.159	17	.199	1.25	y	41	28259...	30585.6	.691	1.577	2.3...H2...
83	M129	L2x2x4	.118	1.159	17	.205	1.25	z	41	28259...	30585.6	.691	1.577	2.4...H2...
84	M210	SR 0.625	.117	0	14	.009	.5		15	9197...	9940.19	.104	.104	2.1...H1...
85	M205	PIPE 2.0	.117	2.5	10	.018	2.5		10	28843...	32130	1.872	1.872	2.15 H1...
86	M203	PIPE 2.0	.117	2.5	10	.018	2.5		10	28843...	32130	1.872	1.872	2.1...H1...
87	M212	SR 0.625	.112	0	20	.008	.5		20	9197...	9940.19	.104	.104	2.1...H1...
88	M220	SR 0.625	.109	0	42	.008	.5		18	9197...	9940.19	.104	.104	2.1...H1...
89	M218	SR 0.625	.107	0	40	.007	.5		16	9197...	9940.19	.104	.104	2.1...H1...
90	M215	SR 0.625	.076	.5	23	.007	.5		23	9197...	9940.19	.104	.104	2.2...H1...
91	M152A	PL3/8x6.5	.075	.239	2	.111	.239	y	4	68146...	78975	.617	10.695	1.4...H1...
92	M168	PL3/8x6.5	.074	.239	6	.104	.239	y	4	68146...	78975	.617	10.695	1.4...H1...
93	M164A	PL3/8x6.5	.073	.239	10	.112	.239	y	12	68146...	78975	.617	10.695	1.4...H1...
94	M209	SR 0.625	.073	.5	23	.006	.5		23	9197...	9940.19	.104	.104	2.2...H1...
95	M211	SR 0.625	.069	.5	3	.006	.5		3	9197...	9940.19	.104	.104	2.2...H1...
96	M213	SR 0.625	.067	.5	7	.006	.5		7	9197...	9940.19	.104	.104	2.2...H1...
97	M219	SR 0.625	.067	.5	3	.006	.5		3	9197...	9940.19	.104	.104	2.2...H1...
98	M44	PL1/2X8	.064	.5	13	.015	.5	y	10	90068...	129600	1.35	21.6	2.0...H1...
99	M18	L2x2x4	.064	.833	23	.077	.833	y	23	29529...	30585.6	.691	1.577	2.5...H2...
100	M221	SR 0.625	.063	.5	7	.005	.5		7	9197...	9940.19	.104	.104	2.2...H1...
101	M95	PL1/2X8	.063	.5	21	.013	.5	y	12	90068...	129600	1.35	21.6	2.5...H1...
102	M69	L2x2x4	.063	0	23	.079	0	y	22	29529...	30585.6	.691	1.577	2.7...H2...
103	M146	PL1/2X8	.062	.5	41	.014	.5	y	10	90068...	129600	1.35	21.6	1.9...H1...
104	M162A	PL3/8x6.5	.061	.477	16	.153	.477	y	5	68146...	78975	.617	10.695	1.2...H1...
105	M166A	PL3/8x6.5	.060	.477	23	.143	.477	y	1	68146...	78975	.617	10.695	1.5...H1...
106	M170	PL3/8x6.5	.060	.477	19	.138	.477	y	9	68146...	78975	.617	10.695	1.4...H1...
107	M120	L2x2x4	.056	0	43	.066	0	y	42	29529...	30585.6	.691	1.577	2.3...H2...
108	M166	PL3/8x6.5	.005	0	7	.000	0	y	24	68146...	78975	.617	10.695	2.3...H1...
109	M163A	PL3/8x6.5	.005	0	7	.000	0	y	24	68146...	78975	.617	10.695	2.3...H1...
110	M167	PL3/8x6.5	.005	0	9	.000	0	y	24	68146...	78975	.617	10.695	2.3...H1...
111	M171	PL3/8x6.5	.005	0	11	.000	0	y	24	68146...	78975	.617	10.695	2.3...H1...
112	M165A	PL3/8x6.5	.005	0	9	.000	0	y	24	68146...	78975	.617	10.695	2.3...H1...
113	M169	PL3/8x6.5	.005	0	11	.000	0	y	24	68146...	78975	.617	10.695	2.3...H1...



I. Mount-to-Tower Connection Check

RISA Model Data

Nodes (labeled per RISA)	Orientation (per graphic of typical platform)
N71B	120
N14B	240
N2	0



TYPICAL PLATFORM

Tower Connection Bolt Checks

Any moment resistance?:

Bolt Quantity per Reaction:

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

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

Bolt Type:

Bolt Diameter (in):

Required Tensile Strength (kips):

Required Shear Strength (kips):

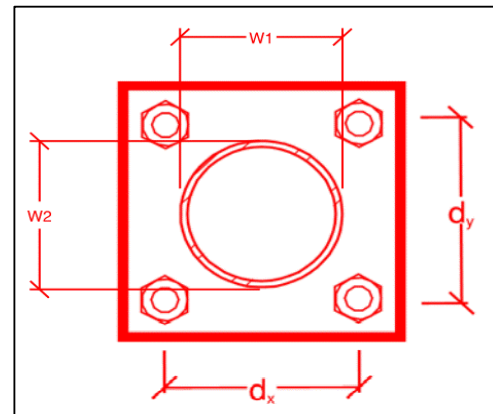
Tensile Strength / bolt (kips):

Shear Strength / bolt (kips):

Tensile Capacity Overall:

Shear Capacity Overall:

no
1
0
0
A307
0.75
1.0
2.1
14.4
8.6
7.1%*
24.8%



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

Mount Desktop – Post Modification Inspection (PMI) Report Requirements

Documents & Photos Required from Contractor – Mount Modification

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 modification was completed in accordance with the modification drawings.
- Contractor shall relay any data that can impact the performance of the mount or the mount modification, this includes safety issues.

Base Requirements:

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

Photo Requirements:

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

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

Material Certification:

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

- The contractor must certify that the materials meet these specifications by one of these methods.

The Material utilized was as specified on the Maser Consulting Connecticut Mount Modification Drawings and included in the Material certification folder is a packing list or invoice for these materials


















The material utilized was an "equivalent" and included as part of the contractor submission is the Maser Consulting Connecticut certification, invoices, or specifications validating accepted status

Certifying Individual: Company _____

Name _____

Signature _____

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

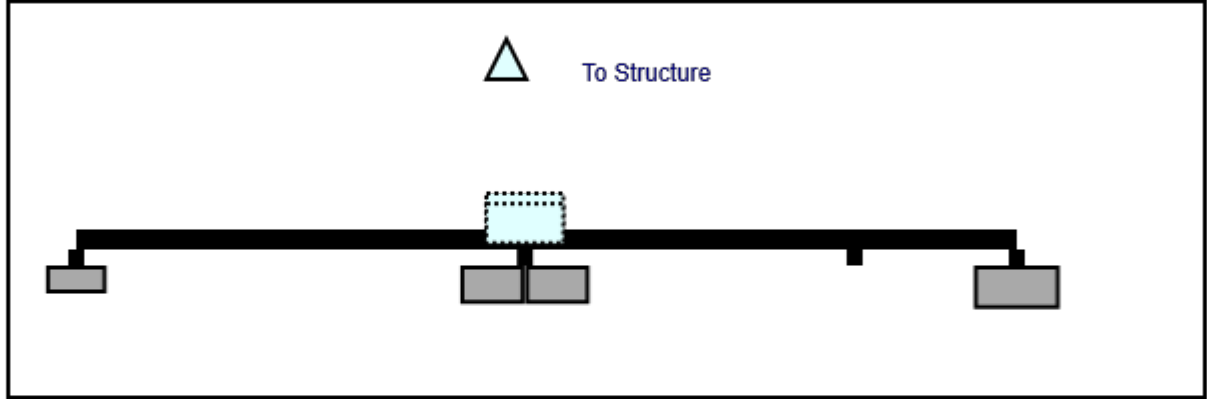
Sector: **A**
 Structure Type: Monopole
 Mount Elev: 130.50

12/9/2020

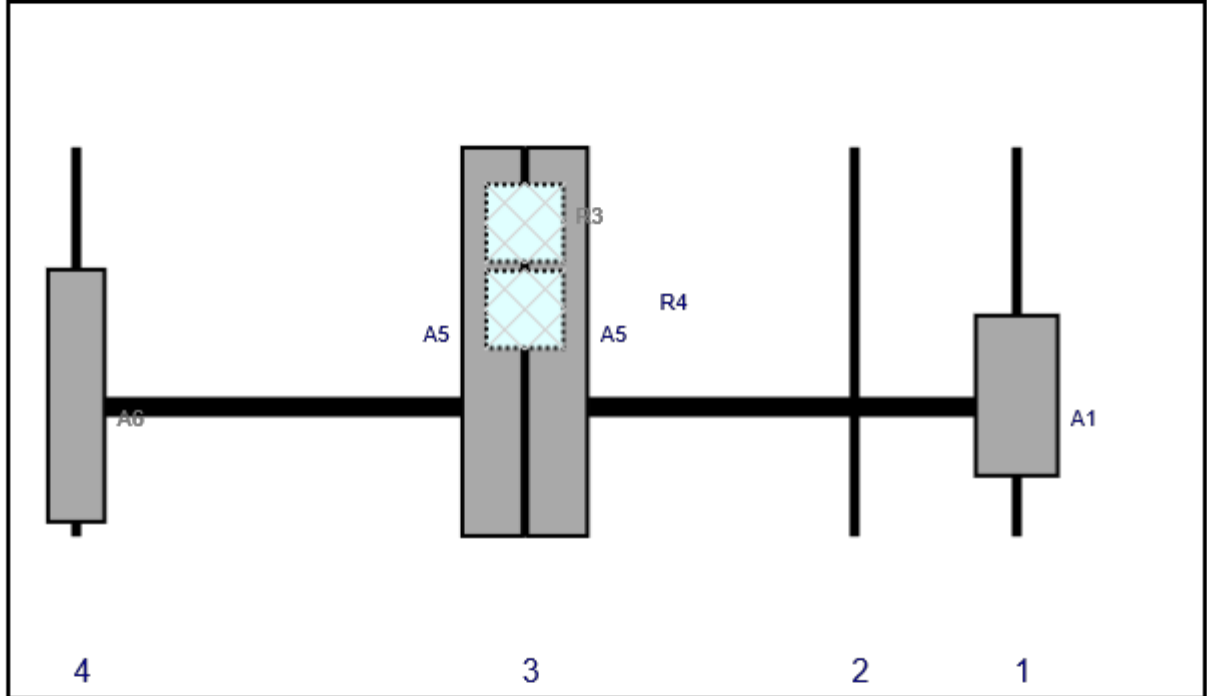


Page: 1

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	nL-Sub6 Antenna	30.4	15.9	174	1	a	Front	45.96	0	Added	
A5	SBNHH-1D65B	72.6	11.9	83	3	a	Front	36	6	Retained	10/07/2020
A5	SBNHH-1D65B	72.6	11.9	83	3	b	Front	36	-6	Retained	10/07/2020
R3	B2/B66A RRH-BR049	15	15	83	3	a	Behind	14.04	0	Added	
R4	B5/B13 RRH-BR04C	15	15	83	3	a	Behind	30	0	Added	
A6	BXA-70063-4CF-EDIN-X	47.4	11.2	0	4	a	Front	45.96	0	Retained	10/07/2020

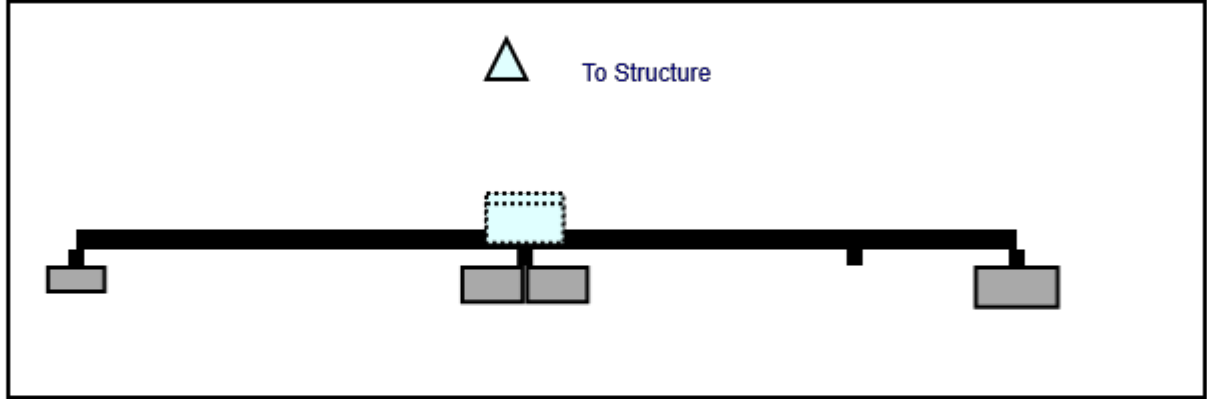
Sector: **B**
 Structure Type: Monopole
 Mount Elev: 130.50

12/9/2020

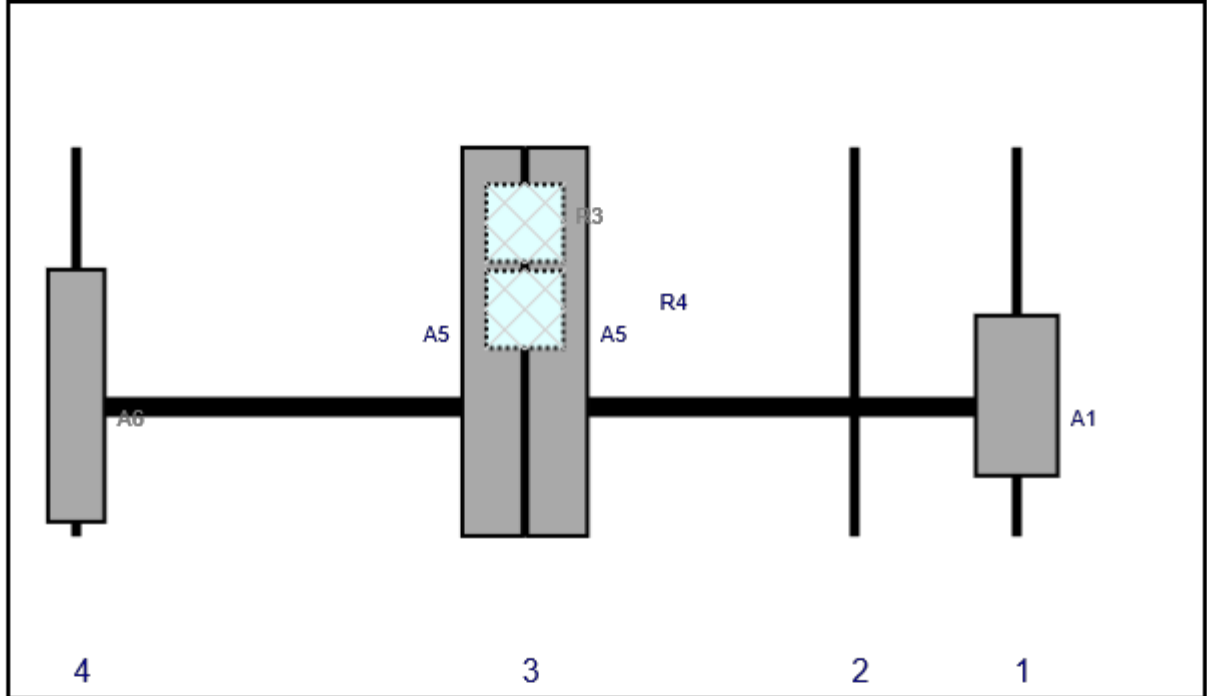


Page: 2

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	nL-Sub6 Antenna	30.4	15.9	174	1	a	Front	45.96	0	Added	
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R3	B2/B66A RRH-BR049	15	15	83	3	a	Behind	14.04	0	Added	
R4	B5/B13 RRH-BR04C	15	15	83	3	a	Behind	30	0	Added	
A6	BXA-70063-4CF-EDIN-X	47.4	11.2	0	4	a	Front	45.96	0	Retained	10/07/2020

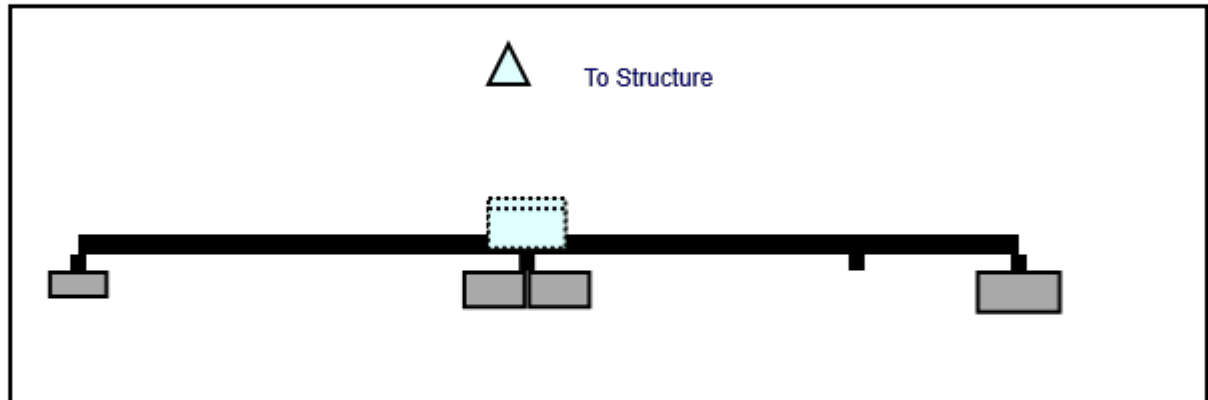
Sector: C
 Structure Type: Monopole
 Mount Elev: 130.50

12/9/2020

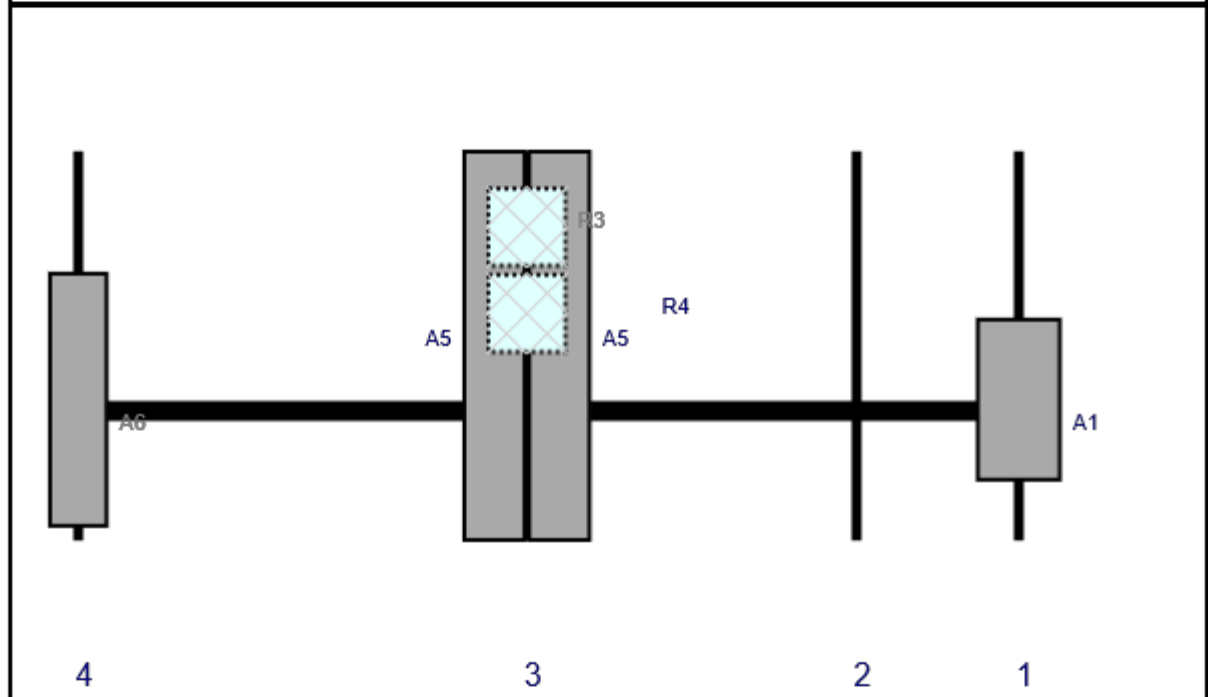


Page: 3

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	nL-Sub6 Antenna	30.4	15.9	174	1	a	Front	45.96	0	Added	
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R4	B5/B13 RRH-BR04C	15	15	83	3	a	Behind	30	0	Added	
A6	BXA-70063-4CF-EDIN-X	47.4	11.2	0	4	a	Front	45.96	0	Retained	10/07/2020



Maser Consulting Connecticut

Subject

TIA-222-H Usage

Site Information

Site ID: 467945-VZW
Site Name: Wethersfield 3 CT
Carrier Name: Verizon
Address: 23 Kelleher Court
Wethersfield, Connecticut 06109
Hartford County

Latitude: 41.715417°
Longitude: -72.690639°

Structure Information

Tower Type: 175-Ft Monopole
Mount Type: 14.50-Ft Platform

To Whom It May Concern,

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

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

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

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

Sincerely,

Dejian Xu, PE
Technical Specialist

GENERAL NOTES

1. THESE MODIFICATIONS HAVE BEEN DESIGNED IN ACCORDANCE WITH THE GOVERNING PROVISIONS OF THE TELECOMMUNICATIONS INDUSTRY STANDARD TIA-222-H. MATERIALS AND SERVICES PROVIDED BY THE CONTRACTOR SHALL CONFORM TO THE ABOVE MENTIONED CODES.
2. CONTRACTOR SHALL TAKE ALL PRECAUTIONS NECESSARY TO PREVENT DAMAGE TO EXISTING STRUCTURES. ANY DAMAGE TO EXISTING STRUCTURES AS A RESULT OF THE CONTRACTOR'S WORK OR FROM DAMAGE DUE TO OTHER CAUSES SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE TO THE SATISFACTION OF THE OWNER.
3. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS BEFORE BEGINNING WORK, ORDERING MATERIAL, AND PREPARING OF SHOP DRAWINGS. ANY DISCREPANCIES BETWEEN FIELD CONDITIONS AND THE CONTRACT DOCUMENTS SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE ENGINEER. IF THE CONTRACTOR DISCOVERS ANY EXISTING CONDITIONS THAT ARE NOT REPRESENTED ON THESE DRAWINGS, OR ANY CONDITIONS THAT WOULD INTERFERE WITH THE INSTALLATION OF THE MODIFICATIONS, NOTIFY THE ENGINEER IMMEDIATELY.
4. IT IS ASSUMED THAT ANY STRUCTURAL MODIFICATION WORK SPECIFIED ON THESE PLANS WILL BE ACCOMPLISHED BY KNOWLEDGEABLE WORKMEN WITH TOWER CONSTRUCTION EXPERIENCE.
5. THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK AND SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION METHODS, MEANS, TECHNIQUES, SEQUENCES, AND PROCEDURES.
6. ALL CONSTRUCTION MEANS AND METHODS; INCLUDING BUT NOT LIMITED TO, ERECTION PLANS, RIGGING PLANS, CLIMBING PLANS, AND RESCUE PLANS SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR RESPONSIBLE FOR THE EXECUTION OF THE WORK CONTAINED HEREIN AND SHALL MEET ANSITIA-322 (LATEST EDITION), OSHA, AND GENERAL INDUSTRY STANDARDS. ALL RIGGING PLANS SHALL ADHERE TO ANSITIA-322 (LATEST EDITION) INCLUDING THE REQUIRED INVOLVEMENT OF A QUALIFIED ENGINEER FOR CLASS IV CONSTRUCTION.
7. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR INITIATING, MAINTAINING, AND SUPERVISING ALL SAFETY PROGRAMS IN ACCORDANCE WITH APPLICABLE SAFETY CODES.
8. WORK SHALL ONLY BE PERFORMED DURING CALM DRY DAYS (WINDS LESS THAN 30-MPH). THE STRUCTURE SHOWN ON THE DRAWINGS IS STRUCTURALLY SOUND ONLY IN THE COMPLETED FORM. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE STRENGTH AND STABILITY OF THE STRUCTURE DURING ERECTION. CONTRACTOR SHALL PROVIDE TEMPORARY SUPPORT, SHORING, BRACING AND ANY OTHER STRUCTURAL SYSTEMS AS REQUIRED TO RESIST ALL FORCES THAT MAY OCCUR DURING HANDLING AND ERECTION UNTIL THE STRUCTURE IS FULLY COMPLETED. TEMPORARY SUPPORTS, BRACING AND OTHER STRUCTURAL SYSTEMS REQUIRED DURING CONSTRUCTION SHALL REMAIN THE CONTRACTOR'S PROPERTY AFTER THEIR USE.
9. ALL INSTALLATIONS PERFORMED ON THIS STRUCTURE SHALL BE COMPLETED IN ACCORDANCE WITH THE GOVERNING PROVISIONS OF THE STANDARD FOR INSTALLATION, ALTERATION AND MAINTENANCE OF ANTENNA SUPPORTING STRUCTURES AND ANTENNAS, ANSITIA-322.
10. CONTRACTOR SHALL SECURE SITE BACK TO EXISTING CONDITION UNDER SUPERVISION OF OWNER. ALL FENCE, STONE, GEOFABRIC, GROUNDING, AND SURROUNDING GRADE SHALL BE REPLACED AND REPAIRED AS REQUIRED TO ACHIEVE OWNER APPROVAL. POSITIVE DRAINAGE AWAY FROM TOWER SITE SHALL BE MAINTAINED.
11. CONNECTIONS BETWEEN ITEMS SUPPORTED BY THE STRUCTURE AND THE STRUCTURE NOT SPECIFICALLY DETAILED IN THE CONTRACT DOCUMENTS ARE THE RESPONSIBILITY OF THE CONTRACTOR. SUCH CONNECTIONS SHALL BE DESIGNED, COORDINATED AND INSPECTED BY A PROFESSIONAL STRUCTURAL ENGINEER LICENSED IN THE STATE OF THE PROJECT. SUBMIT SIGNED AND SEALED CALCULATIONS DURING SHOP DRAWING REVIEW.
12. DO NOT SCALE DRAWINGS.
13. DO NOT USE THESE DRAWINGS FOR ANY OTHER SITE.
14. ALL MATERIAL UTILIZED FOR THIS PROJECT MUST BE NEW AND FREE OF ANY DEFECTS. ANY MATERIAL SUBSTITUTIONS, INCLUDING BUT NOT LIMITED TO ALTERED SIZE AND/OR STRENGTHS, MUST BE APPROVED BY THE OWNER AND ENGINEER IN WRITING.
15. THE MOUNT UNDER NO CIRCUMSTANCES SHOULD BE USED AS A TIE OFF POINT.

DESIGN LOADS

- WIND LOADS
- a. BASIC WIND SPEED (3 SECOND GUST), V = 118 MPH
 - b. EXPOSURE CATEGORY C
 - c. TOPOGRAPHIC CATEGORY I
 - d. MEAN BASE ELEVATION (AMSL) = 131.05'

- ICE LOADS
- a. ICE WIND SPEED (3 SECOND GUST), V = 50 MPH
 - b. ICE THICKNESS = 1.5 IN

- SEISMIC LOADS
- a. SEISMIC DESIGN CATEGORY B
 - b. SHORT TERM MCER GROUND MOTION, S_s = .194
 - c. LONG TERM MCER GROUND MOTION, S_l = .055

STRUCTURAL STEEL

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

- | | |
|--------------------------------|--------------------------|
| CHANNELS, ANGLES, PLATES, ETC. | ASTM A36 (GR 36) |
| STEEL PIPE | ASTM A53 (GR 35) |
| BOLTS | ASTM A325 |
| NUTS | ASTM A563 |
| LOCK WASHERS | LOCKING STRUCTURAL GRADE |

3. ALL SUBSTITUTIONS PROPOSED BY THE CONTRACTOR SHALL BE APPROVED IN WRITING BY THE ENGINEER. CONTRACTOR SHALL PROVIDE DOCUMENTATION TO ENGINEER FOR VERIFYING THE SUBSTITUTE IS SUITABLE FOR USE AND MEETS ORIGINAL DESIGN CRITERIA. DIFFERENCES FROM THE ORIGINAL DESIGN, INCLUDING MAINTENANCE, REPAIR AND REPLACEMENT, SHALL BE NOTED. ESTIMATES OF COSTS/CREDITS ASSOCIATED WITH THE SUBSTITUTION (INCLUDING RE-DESIGN COSTS AND COSTS TO SUB-CONTRACTORS) SHALL BE PROVIDED TO THE ENGINEER. CONTRACTOR SHALL PROVIDE ADDITIONAL DOCUMENTATION AND/OR SPECIFICATIONS TO THE ENGINEER AS REQUESTED.
4. PROVIDE STRUCTURAL STEEL SHOP DRAWINGS TO ENGINEER FOR APPROVAL PRIOR TO FABRICATION.
 - a. SUBMIT SHOP DRAWINGS TO GDULNIK@MASERCONSULTING.COM
 - b. PROVIDE MASER CONSULTING PROJECT # AND MASER CONSULTING PROJECT ENGINEER CONTACT IN THE BODY OF THE EMAIL.
5. DRILL NO HOLES IN ANY NEW OR EXISTING STRUCTURAL STEEL MEMBERS OTHER THAN THOSE SHOWN ON STRUCTURAL DRAWINGS WITHOUT THE APPROVAL OF THE ENGINEER OF RECORD.
6. GALVANIZED ASTM A325 BOLTS SHALL NOT BE REUSED.
7. ALL NEW STEEL SHALL BE HOT BE DIPPED GALVANIZED FOR FULL WEATHER PROTECTION. IN ADDITION ALL NEW STEEL SHALL BE PAINTED TO MATCH EXISTING STEEL. CONTRACTOR SHALL OBTAIN WRITTEN PERMISSION TO PROTECT STEEL BY ANY OTHER MEANS.
8. ALL BOLT ASSEMBLIES FOR STRUCTURAL MEMBERS REPRESENTED IN THIS DRAWING REQUIRE LOCKING DEVICES TO BE INSTALLED IN ACCORDANCE WITH TIA-222-H SECTION 4.9.2 REQUIREMENTS.
9. WHERE CONNECTIONS ARE NOT FULLY DETAILED ON THESE DRAWINGS, FABRICATOR SHALL DESIGN CONNECTIONS TO RESIST LOADS AND FORCES WHERE SHOWN ON DRAWINGS AND AS OUTLINED IN SPECIFICATIONS.
10. FOR MEMBERS BEING REPLACED, PROVIDE NEW BOLTS AND MATCH EXISTING SIZE AND GRADE. MAINTAIN AISC REQUIREMENTS FOR MINIMUM BOLT DISTANCE AND SPACING.
11. ALL PROPOSED AND/OR REPLACED BOLTS SHALL BE OF SUFFICIENT LENGTH SUCH THAT THE END OF THE BOLT IS AT LEAST FLUSH WITH THE FACE OF THE NUT. IT IS NOT PERMITTED FOR THE BOLT END TO BE BELOW THE FACE OF THE NUT AFTER TIGHTENING IS COMPLETED.
12. GALVANIZED ASTM A325 BOLTS SHALL NOT BE REUSED.
13. ALL NEW STEEL SHALL BE HOT BE DIPPED GALVANIZED FOR FULL WEATHER PROTECTION. CONTRACTOR SHALL OBTAIN WRITTEN PERMISSION TO PROTECT STEEL BY ANY OTHER MEANS.

14. ALL EXISTING PAINTED/GALVANIZED SURFACES DAMAGED DURING REHAB INCLUDING AREAS UNDER STIFFENER PLATES SHALL BE WIRE BRUSHED CLEAN, REPAIRED BY COLD GALVANIZING (ZINGA OR ZINC COTE), AND REPAINTED TO MATCH THE EXISTING FINISH (IF APPLICABLE).
15. ALL HOLES IN STEEL MEMBERS SHALL BE SIZED 1/16" LARGER THAN THE BOLT DIAMETER. STANDARD HOLES SHALL BE USED UNLESS NOTED OTHERWISE.




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FOR STATE SPECIFIC DIRECT PHONE NUMBERS VISIT:
WWW.CALL811.COM

SCALE:	AS SHOWN	JOB NUMBER:	2077267A
REV	DATE	DESCRIPTION	DRAWN BY / CHECKED BY
0	12/10/2020	ISSUED FOR CONSTRUCTION	AF / DX

STATE OF CONNECTICUT	DEJIAN XU
REGISTERED PROFESSIONAL ENGINEER	LICENSE NUMBER 33733
12/10/2020	

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF THE RESPONSIBLE LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT.

SITE NAME:

WETHERSFIELD 3 CT
467945

23 KELLEHER COURT
WETHERSFIELD, CT 06109
HARTFORD COUNTY



MT. LAUREL OFFICE
2000 Pridemore Drive
Suite 100
Mount Laurel, NJ 08054

Phone: 856.797.0412
Fax: 856.722.1120

SHEET TITLE:	MODIFICATION NOTES
SHEET NUMBER:	S-2

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MODIFICATION INSPECTION NOTES

MI CHECKLIST	
CONSTRUCTION/ INSTALLATION INSPECTIONS AND TESTING REQUIRED (COMPLETED BY EOR)	REPORT ITEM
PRE-CONSTRUCTION	
X	MI CHECKLIST DRAWING
X	EOR APPROVED SHOP DRAWINGS
NA	FABRICATION INSPECTION
NA	FABRICATOR CERTIFIED WELD INSPECTION
X	MATERIAL TEST REPORT (MTR)
NA	FABRICATOR NDE INSPECTION
X	PACKING SLIPS
ADDITIONAL TESTING AND INSPECTIONS:	
CONSTRUCTION	
X	CONSTRUCTION INSPECTIONS
NA	CONTRACTOR'S CERTIFIED WELD INSPECTION AND NDE REPORTS
X	ON SITE COLD GALVANIZING VERIFICATION
X	GC AS-BUILT DOCUMENTS
ADDITIONAL TESTING AND INSPECTIONS:	
POST-CONSTRUCTION	
X	MI INSPECTOR REDLINE OR RECORD DRAWING(S)
X	VZW PMI DOCUMENTS
X	PHOTOGRAPHS
ADDITIONAL TESTING AND INSPECTIONS:	

NOTE: X DENOTES A DOCUMENT REQUIRED FOR THE MI REPORT
 NA DENOTES A DOCUMENT THAT IS NOT REQUIRED FOR THE MI REPORT

THE MODIFICATION INSPECTION (MI) IS A VISUAL INSPECTION OF MODIFICATIONS AND A REVIEW OF CONSTRUCTION INSPECTIONS AND OTHER REPORTS TO ENSURE THE INSTALLATION WAS CONSTRUCTED IN ACCORDANCE WITH THE CONTRACT DOCUMENTS, NAMELY THE MODIFICATION DRAWINGS, AS DESIGNED BY THE ENGINEER OF RECORD (EOR).

THE MI IS TO CONFIRM INSTALLATION CONFIGURATION AND WORKMANSHIP ONLY AND IS NOT A REVIEW OF THE MODIFICATION DESIGN ITSELF, NOR DOES THE MI INSPECTOR TAKE OWNERSHIP OF THE MODIFICATION DESIGN. OWNERSHIP OF THE STRUCTURAL MODIFICATION DESIGN EFFECTIVENESS AND INTEGRITY RESIDES WITH THE EOR AT ALL TIMES.

TO ENSURE THAT THE REQUIREMENTS OF THE MI ARE MET, IT IS VITAL THAT THE GENERAL CONTRACTOR (GC) AND THE MI INSPECTOR BEGIN COMMUNICATING AND COORDINATING AS SOON AS A PURCHASE ORDER (PO) IS RECEIVED. IT IS EXPECTED THAT EACH PARTY WILL BE PROACTIVE IN REACHING OUT TO THE OTHER PARTY.

MI INSPECTOR

THE MI INSPECTOR IS REQUIRED TO CONTACT THE GC AS SOON AS RECEIVING A PO FOR THE MI TO, AT A MINIMUM:

- REVIEW THE REQUIREMENTS OF THE MI CHECKLIST
- WORK WITH THE GC TO DEVELOP A SCHEDULE TO CONDUCT ON-SITE INSPECTIONS

THE MI INSPECTOR IS RESPONSIBLE FOR COLLECTING ALL GC INSPECTION AND TEST REPORTS, REVIEWING THE DOCUMENTS FOR ADHERENCE TO THE CONTRACT DOCUMENTS, CONDUCTING THE IN-FIELD INSPECTIONS, AND SUBMITTING THE MI REPORT TO EOR.

GENERAL CONTRACTOR

THE GC IS REQUIRED TO CONTACT THE MI INSPECTOR AS SOON AS RECEIVING A PO FOR THE MODIFICATION INSTALLATION OR TURNKEY PROJECT TO, AT A MINIMUM:

- REVIEW THE REQUIREMENTS OF THE MI CHECKLIST
- WORK WITH THE MI INSPECTOR TO DEVELOP A SCHEDULE TO CONDUCT ON-SITE MI INSPECTIONS, INCLUDING FOUNDATION INSPECTIONS
- BETTER UNDERSTAND ALL INSPECTION AND TESTING REQUIREMENTS

THE GC SHALL PERFORM AND RECORD THE TEST AND INSPECTION RESULTS IN ACCORDANCE WITH THE REQUIREMENTS OF THE MI CHECKLIST.

RECOMMENDATIONS

THE FOLLOWING RECOMMENDATIONS AND SUGGESTIONS ARE OFFERED TO ENHANCE THE EFFICIENCY AND EFFECTIVENESS OF DELIVERING AN MI REPORT:

- IT IS SUGGESTED THAT THE GC PROVIDE A MINIMUM OF 5 BUSINESS DAYS NOTICE, PREFERABLY 10, TO THE MI INSPECTOR AS TO WHEN THE SITE WILL BE READY FOR THE MI TO BE CONDUCTED.
- THE GC AND MI INSPECTOR COORDINATE CLOSELY THROUGHOUT THE ENTIRE PROJECT.
- WHEN POSSIBLE, IT IS PREFERRED TO HAVE THE GC AND MI INSPECTOR ON-SITE SIMULTANEOUSLY FOR ANY GUY WIRE TENSIONING OR RE-TENSIONING OPERATIONS.
- IT MAY BE BENEFICIAL TO INSTALL ALL MODIFICATIONS PRIOR TO CONDUCTING THE FOUNDATION INSPECTIONS TO ALLOW THE FOUNDATION AND MI INSPECTION(S) TO COMMENCE WITH ONE SITE VISIT.
- WHEN POSSIBLE, IT IS PREFERRED TO HAVE THE GC AND MI INSPECTOR ON-SITE DURING THE MI TO HAVE ANY DEFICIENCIES CORRECTED DURING THE INITIAL MI. THEREFORE, THE GC MAY CHOOSE TO COORDINATE THE MI CAREFULLY TO ENSURE ALL CONSTRUCTION FACILITIES ARE AT THEIR DISPOSAL WHEN THE MI INSPECTOR IS ON SITE.

CORRECTION OF FAILING MI'S

IF THE MODIFICATION INSTALLATION WOULD FAIL THE MI ("FAILED MI"), THE GC SHALL WORK WITH THE OWNER TO COORDINATE A REMEDIATION PLAN:

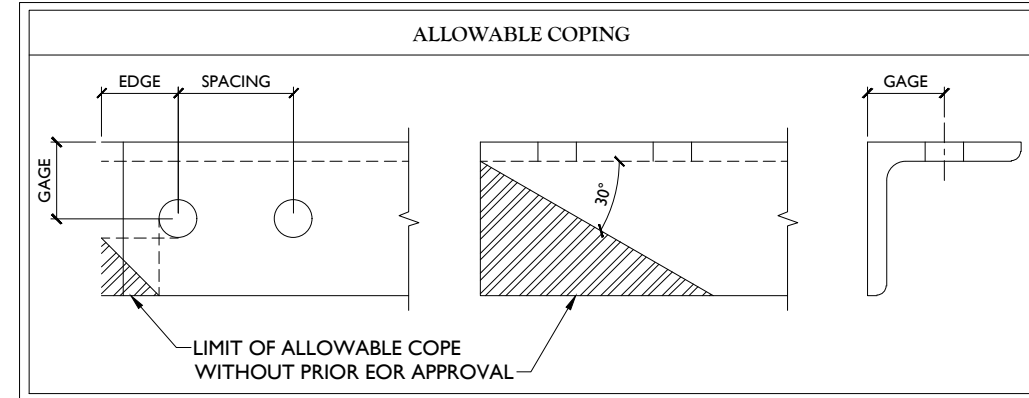
- CORRECT FAILING ISSUES TO COMPLY WITH THE SPECIFICATIONS CONTAINED IN THE ORIGINAL CONTRACT DOCUMENTS AND COORDINATE A SUPPLEMENT MI.

REQUIRED PHOTOS

BETWEEN THE GC AND THE MI INSPECTOR THE FOLLOWING PHOTOGRAPHS, AT A MINIMUM, ARE TO BE TAKEN AND INCLUDED IN THE MI REPORT:

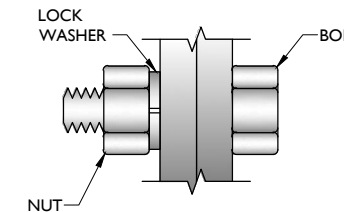
- PRE-CONSTRUCTION GENERAL SITE CONDITION
- PHOTOGRAPHS DURING THE REINFORCEMENT MODIFICATION CONSTRUCTION/ERECTION AND INSPECTION
 - RAW MATERIALS
 - PHOTOS OF ALL CRITICAL DETAILS
 - FOUNDATION MODIFICATIONS
 - WELD PREPARATION
 - BOLT INSTALLATION
 - FINAL INSTALLED CONDITION
 - SURFACE COATING REPAIR
- POST CONSTRUCTION PHOTOGRAPHS
 - FINAL INFIELD CONDITION

PHOTOS OF ELEVATED MODIFICATIONS TAKEN ONLY FROM THE GROUND SHALL BE CONSIDERED INADEQUATE.



BOLT DIAMETER	STANDARD HOLE	SHORT SLOT	MIN. EDGE DISTANCE	SPACING
1/2	9/16	9/16 x 11/16	7/8	1 1/2
5/8	1 1/16	1 1/16 x 7/8	1 1/8	1 7/8
3/4	1 3/16	1 3/16 x 1	1 1/4	2 1/4
7/8	1 5/16	1 5/16 x 1 1/8	1 1/2	2 5/8
1	1 1/16	1 1/16 x 1 5/16	1 3/4	3

LEG	GAGE
4	2 1/2
3 1/2	2
3	1 3/4
2 1/2	1 3/8
2	1 1/8



TYP. BOLT ASSEMBLY

NOTES:

- ALL DIMENSIONS REPRESENTED IN THE ABOVE TABLES ARE AISC MINIMUM REQUIREMENTS. CONTRACTOR SHALL VERIFY EXISTING CONDITIONS IN FIELD AND NOTIFY ENGINEER IF DISTANCES ARE LESS THAN THOSE PROVIDED.
- THE DIMENSIONS PROVIDED ARE MINIMUM REQUIREMENTS. ACTUAL DIMENSIONS OF PROPOSED MEMBERS WITHIN THESE DRAWINGS MAY VARY FROM THE AISC MINIMUM REQUIREMENTS.
- SHORT SLOT HOLES SHALL ONLY BE USED WHEN DEPICTED IN THE DRAWINGS
- MATCH EXISTING GAGES WHEN APPLICABLE, UNLESS MINIMUM EDGE DISTANCES ARE COMPROMISED.

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 Know what's below. Call before you dig.
 FOR STATE SPECIFIC DIRECT PHONE NUMBERS VISIT: WWW.CALL811.COM

SCALE: AS SHOWN JOB NUMBER: 2077267A
 0 12/10/2020 ISSUED FOR CONSTRUCTION AP DX
 REV DATE DESCRIPTION DRAWN BY CHECKED BY

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF THE RESPONSIBLE LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT.

SITE NAME:
 WETHERSFIELD 3 CT
 467945
 23 KELLEHER COURT
 WETHERSFIELD, CT 06109
 HARTFORD COUNTY

MT. LAUREL OFFICE
 2000 Piedmont Drive
 Suite 100
 Mount Laurel, NJ 08054
 Phone: 856.797.0412
 Fax: 856.722.1120

SHEET TITLE:
MODIFICATION NOTES

SHEET NUMBER:
S-3

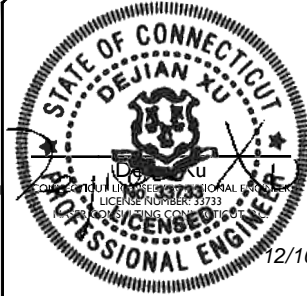
V:\Projects\11201467945 Wethersfield 3 CT - 10/21/2020\11201467945 Wethersfield 3 CT - 10/21/2020\Drawings\RevD.dwg 3/11/2021



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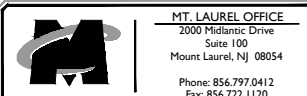
REV	DATE	DESCRIPTION	DRAWN BY	CHECKED BY
0	12/10/2020	ISSUED FOR CONSTRUCTION	AF	DX



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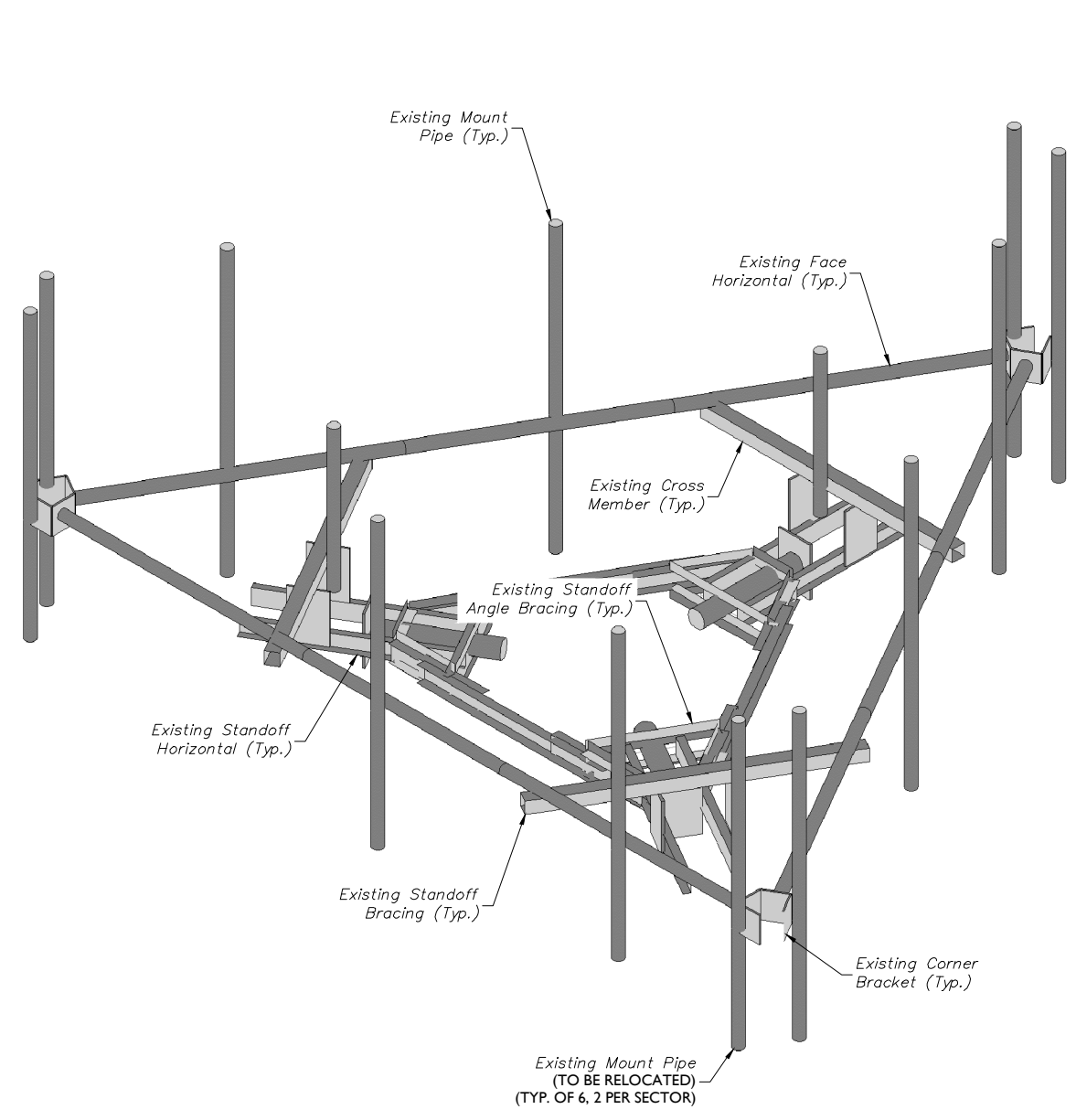
SITE NAME:

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467945
23 KELLEHER COURT
WETHERSFIELD, CT 06109
HARTFORD COUNTY



SHEET TITLE:
MODIFICATION DETAILS

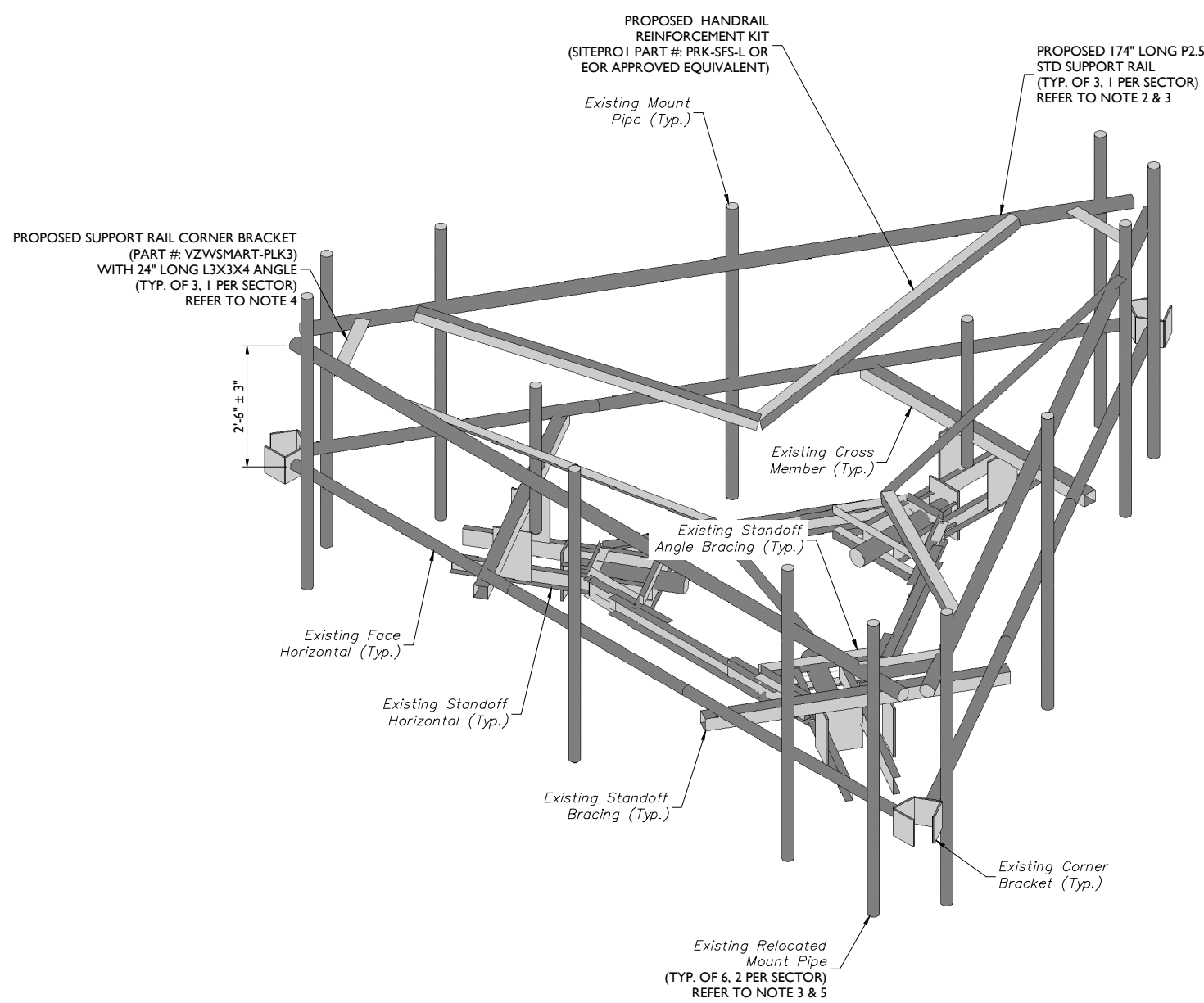
SHEET NUMBER:
S-4



1 EXISTING FRAME ISOMETRIC VIEW
SCALE : N.T.S.

STRUCTURAL NOTES:

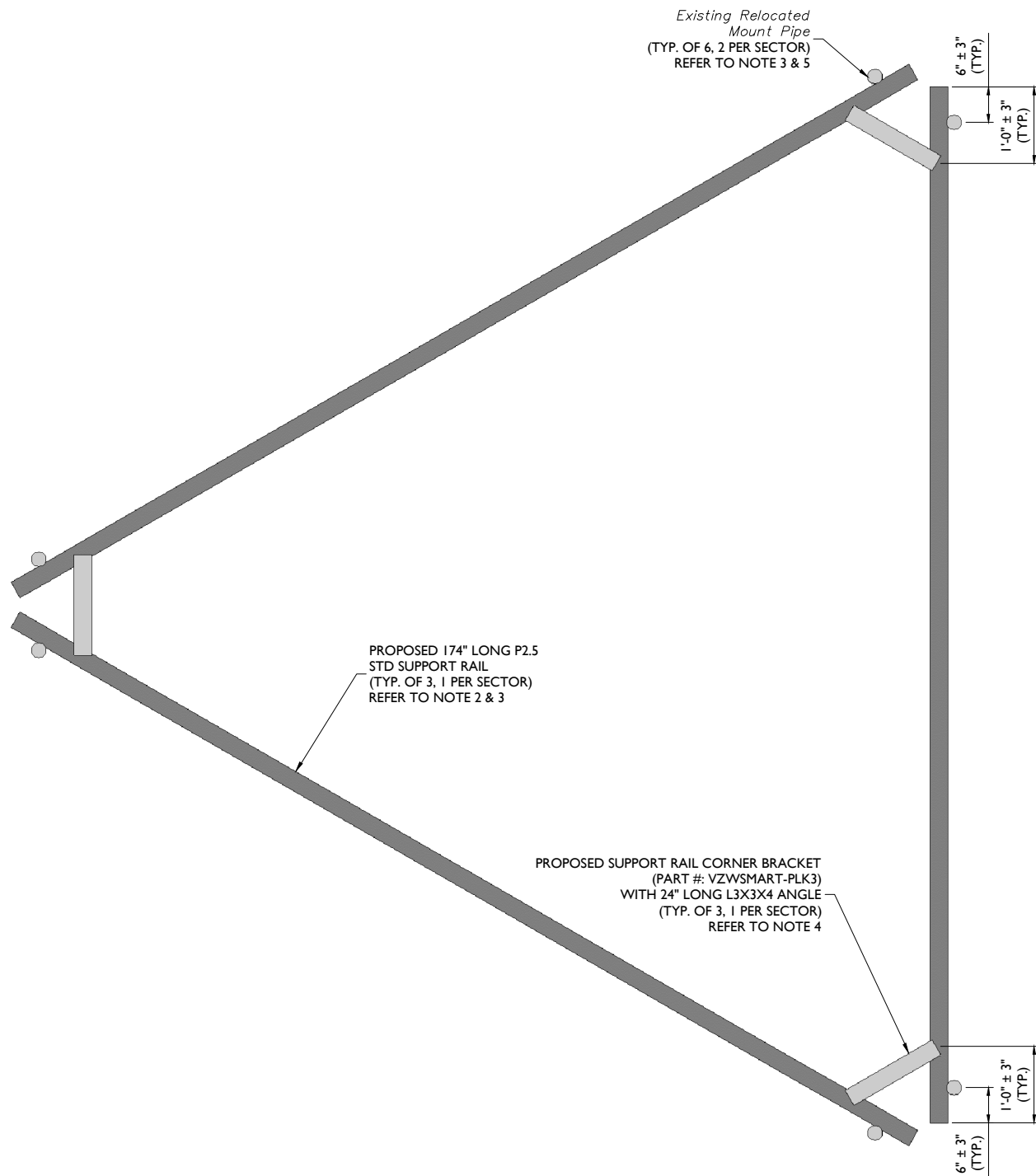
- PER THE MOUNT MAPPING COMPLETED BY TOWER ENGINEERING PROFESSIONALS, INC. ON 10/23/2020, THE SAFETY CLIMB AND CLIMBING FACILITIES UP TO THE VERIZON MOUNT ELEVATION (130'-6") ARE IN GOOD CONDITION. MASER DOES NOT WARRANT THIS INFORMATION.
- INSTALL SHALL NOT CAUSE HARM TO THE STRUCTURE, CLIMBING FACILITY, SAFETY CLIMB, OR ANY SYSTEM INSTALLED ON THE STRUCTURE. TIMELY NOTICE AND DOCUMENTATION SHALL BE PROVIDED BY CONTRACTORS TO THE EOR (OF STRUCTURAL DESIGN) IF AN OBSTRUCTION WAS REQUIRED TO MEET THE RF SYSTEM DESIGN REQUIREMENTS AND PERFORMANCES.



2 PROPOSED FRAME ISOMETRIC VIEW
SCALE : N.T.S.

MODIFICATION NOTES:

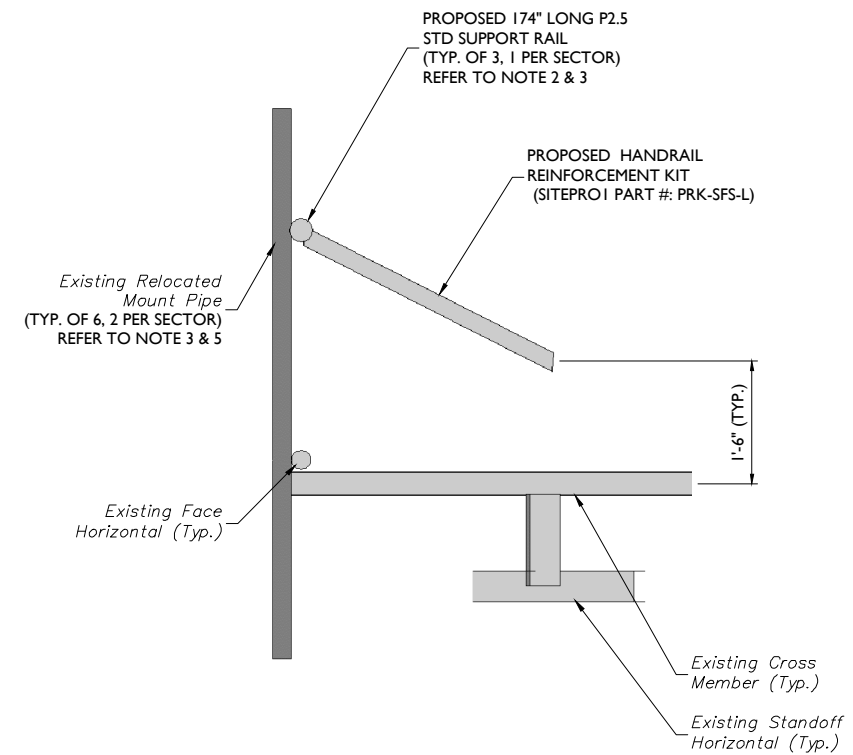
- MOUNT MEMBERS NOT SHOWN FOR CLARITY U.N.O.
- RADIO AND/OR TME POSITIONS SHALL BE ADJUSTED VERTICALLY AS NEEDED IN ORDER TO ACHIEVE INSTALLATION OF HORIZONTAL AS SHOWN. EOR SHALL BE NOTIFIED IF EQUIPMENT NEEDS TO BE RELOCATED TO ANOTHER MOUNT PIPE.
- CONNECT PROPOSED SUPPORT TO ALL EXISTING VERTICAL MOUNT PIPES WITH CROSSOVER PLATES (PART #: VZWSMART-MSK1).
- TRIM ANGLE MEMBER AS REQUIRED FOR INSTALLATION.
- CONNECT ALL RELOCATED EXISTING MOUNT PIPES TO EXISTING FACE HORIZONTAL PIPES WITH CROSSOVER PLATES (PART #: VZWSMART-MSK1)



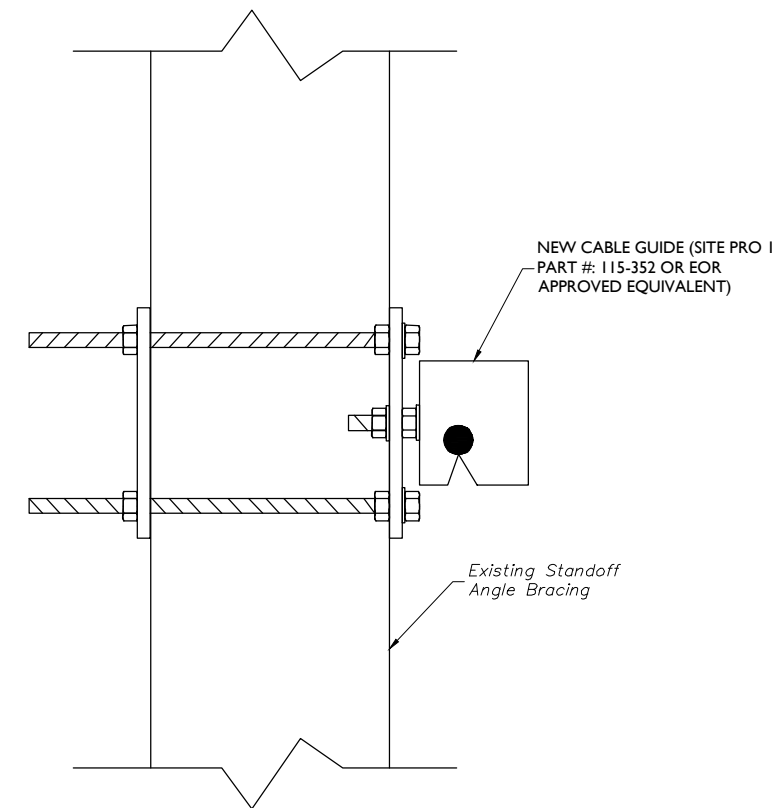
1 PROPOSED FRAME PLAN VIEW
SCALE : N.T.S.

MODIFICATION NOTES:

1. MOUNT MEMBERS NOT SHOWN FOR CLARITY U.N.O.
2. RADIO AND/OR TME POSITIONS SHALL BE ADJUSTED VERTICALLY AS NEEDED IN ORDER TO ACHIEVE INSTALLATION OF HORIZONTAL AS SHOWN. EOR SHALL BE NOTIFIED IF EQUIPMENT NEEDS TO BE RELOCATED TO ANOTHER MOUNT PIPE.
3. CONNECT PROPOSED SUPPORT TO ALL EXISTING VERTICAL MOUNT PIPES WITH CROSSOVER PLATES (PART #: VZWSMART-MSK1).
4. TRIM ANGLE MEMBER AS REQUIRED FOR INSTALLATION.
5. CONNECT ALL RELOCATED EXISTING MOUNT PIPES TO EXISTING FACE HORIZONTAL PIPES WITH CROSSOVER PLATES (PART #: VZWSMART-MSK1)



2 PROPOSED SIDE ELEVATION VIEW (TYP. ALL SECTORS)
SCALE : N.T.S.



3 CABLE GUIDE STANDOFF SQUARE TUBE ATTACHMENT - PLAN VIEW

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■ SOUTH CAROLINA	

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REV	DATE	DESCRIPTION	DRAWN BY / CHECKED BY
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STATE OF CONNECTICUT
DEJIAN XU
LICENSE NUMBER 33733
PROFESSIONAL ENGINEER
12/10/2020

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467945
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WETHERSFIELD, CT 06109
HARTFORD COUNTY

MT. LAUREL OFFICE
2000 Piedmont Drive
Suite 100
Mount Laurel, NJ 08054
Phone: 856.797.0412
Fax: 856.722.1120

SHEET TITLE:
MODIFICATION DETAILS
SHEET NUMBER:
S-5



MOUNT PHOTO 1



MOUNT PHOTO 2



MOUNT PHOTO 3



MOUNT PHOTO 4

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STATE OF CONNECTICUT
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HARTFORD COUNTY

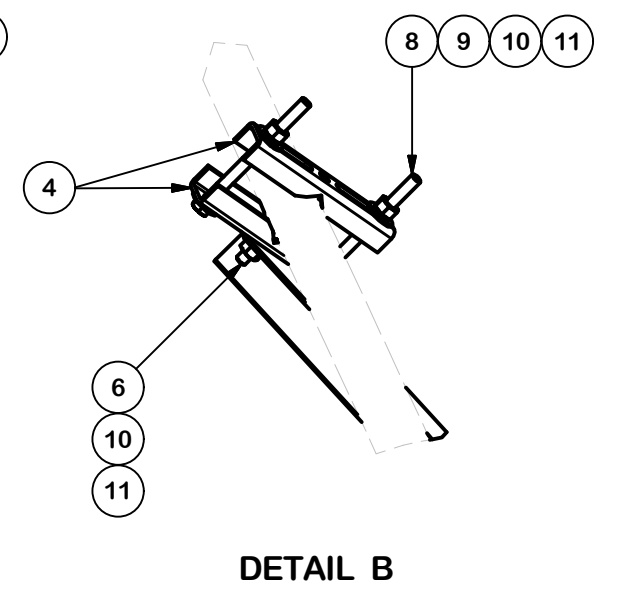
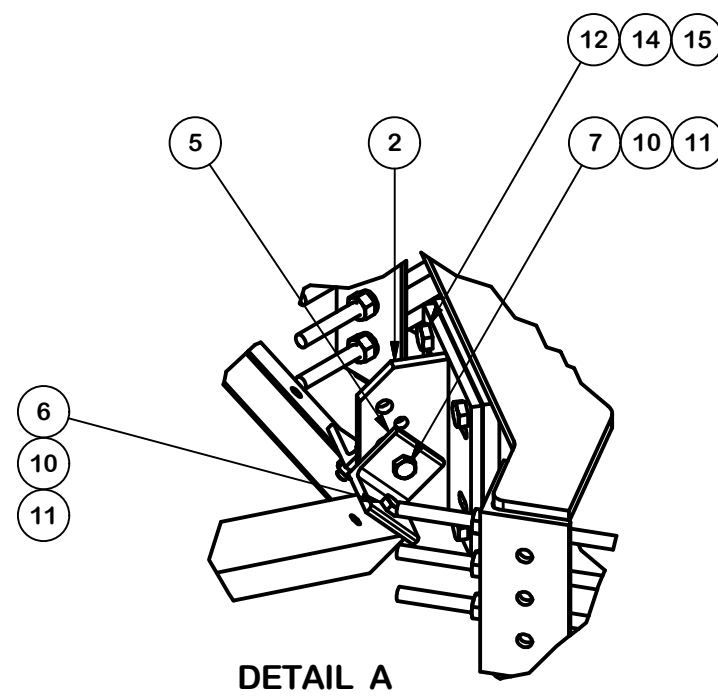
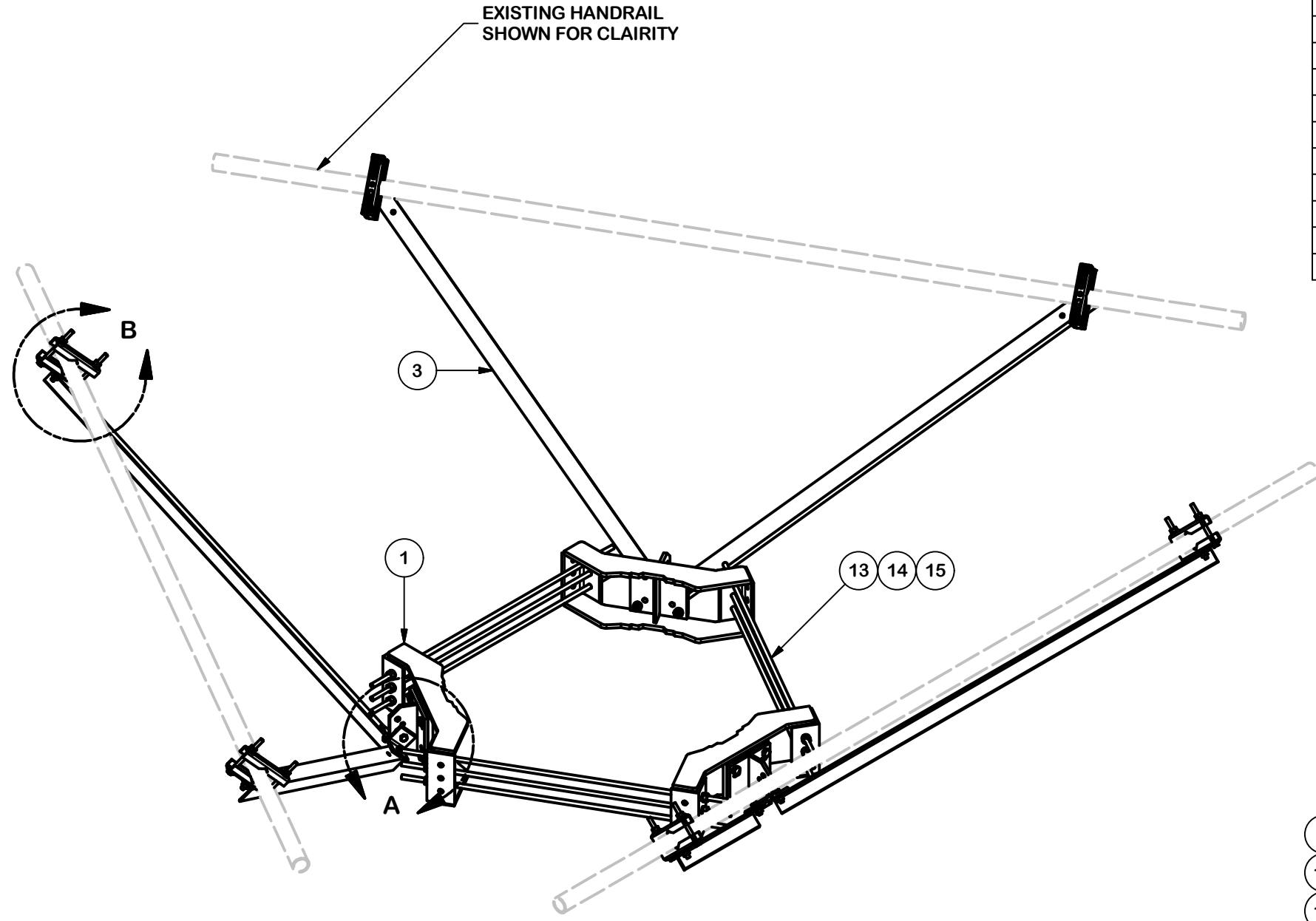
M MT. LAUREL OFFICE
2000 Piedmont Drive
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Mount Laurel, NJ 08054
Phone: 856.797.0412
Fax: 856.722.1120

SHEET TITLE:
MOUNT PHOTOS

SHEET NUMBER:
S-6

V:\Projects\11250467945 Wethersfield 3 CT - 10/21/2020\Drawings\Drawings\Drawings.dwg

PARTS LIST						
ITEM	QTY	PART NO.	PART DESCRIPTION	LENGTH	UNIT WT.	NET WT.
1	3	X-LWRM	RING MOUNT WELDMENT		68.81	206.42
2	3	X-TBW	T-BRACKET WELDMENT		13.60	40.80
3	6	X-254924	DIAGONAL ANGLE - SITE PRO 1	72 in	19.71	118.24
4	12	X-STU	STIFF ARM CHANNEL BRACKET	8 1/2 in	1.37	16.46
5	6	SHCM-T	CHAIN MOUNT TIGHTENER BRACKET	3 in	1.86	11.15
6	12	G12112	1/2" x 1-1/2" HDG HEX BOLT GR5	1/2 in	0.15	1.77
7	3	G12212	1/2" x 2-1/2" HDG HEX BOLT GR5	2 1/2 in	0.20	0.61
8	12	G12065	1/2" x 6-1/2" HDG HEX BOLT GR5 FULL THREAD	6 1/2 in	0.41	4.91
9	24	G12FW	1/2" HDG USS FLATWASHER	3/32 in	0.03	0.82
10	27	G12LW	1/2" HDG LOCKWASHER	1/8 in	0.01	0.38
11	27	G12NUT	1/2" HDG HEAVY 2H HEX NUT		0.07	1.93
12	12	A582114	5/8" x 2-1/4" HDG A325 HEX BOLT	2 1/4 in	0.31	3.75
13	9	G58R-24	5/8" x 24" THREADED ROD (HDG.)	24 in	0.40	3.59
13	9	G58R-48	5/8" x 48" THREADED ROD (HDG.)	48 in	0.40	3.59
14	30	G58LW	5/8" HDG LOCKWASHER		0.03	0.78
15	30	G58NUT	5/8" HDG HEAVY 2H HEX NUT		0.13	3.90
					TOTAL WT. #	642.04



REV	DESCRIPTION OF REVISIONS	CPD	BY	DATE
A	CHANGED MAX. DIA. FOR HANDRAIL CONNECTION	SP1	BC	10/25/2017

REVISION HISTORY

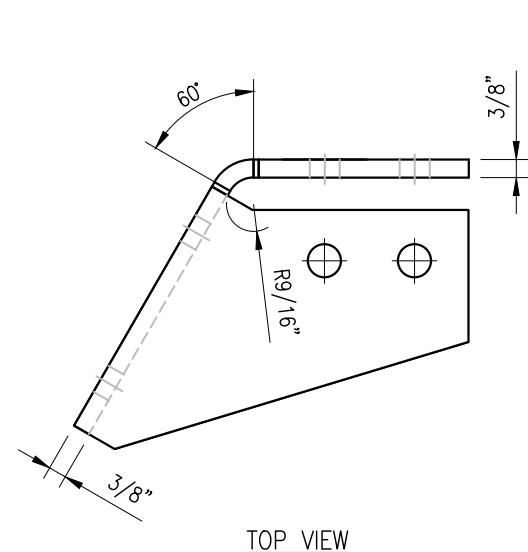
TOLERANCE NOTES

TOLERANCES ON DIMENSIONS, UNLESS OTHERWISE NOTED ARE:
 SAWED, SHEARED AND GAS CUT EDGES ($\pm 0.030''$)
 DRILLED AND GAS CUT HOLES ($\pm 0.030''$) - NO CONING OF HOLES
 LASER CUT EDGES AND HOLES ($\pm 0.010''$) - NO CONING OF HOLES
 BENDS ARE $\pm 1/2$ DEGREE
 ALL OTHER MACHINING ($\pm 0.030''$)
 ALL OTHER ASSEMBLY ($\pm 0.060''$)

PROPRIETARY NOTE:
 THE DATA AND TECHNIQUES CONTAINED IN THIS DRAWING ARE PROPRIETARY INFORMATION OF VALMONT INDUSTRIES AND CONSIDERED A TRADE SECRET. ANY USE OR DISCLOSURE WITHOUT THE CONSENT OF VALMONT INDUSTRIES IS STRICTLY PROHIBITED.

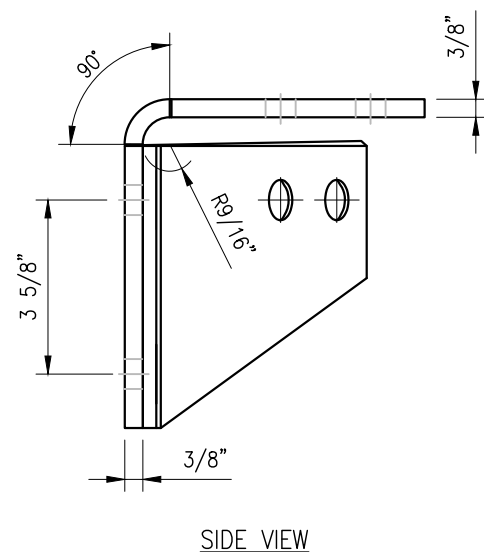
DESCRIPTION			
HANDRAIL REINFORCEMENT KIT (LONG)			
CPD NO.	DRAWN BY	ENG. APPROVAL	
SP1	CSL3 2/23/2017	3RD PARTY	
CLASS	SUB	DRAWING USAGE	CHECKED BY
81	02	SHOP	BMC 9/8/2017

 A valmont COMPANY	Engineering Support Team: 1-888-753-7446	Locations: New York, NY Atlanta, GA Los Angeles, CA Plymouth, IN Salem, OR Dallas, TX
	PART NO. PRK-SFS-L	
DWG. NO. PRK-SFS-L		1 OF 3 <small>PAGE</small>

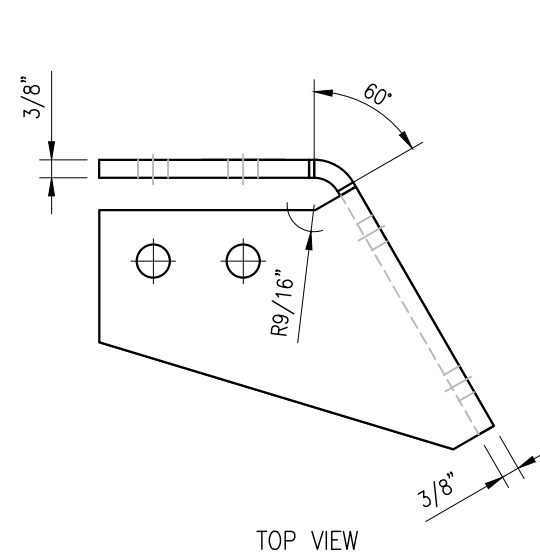


TOP VIEW

CBP-L

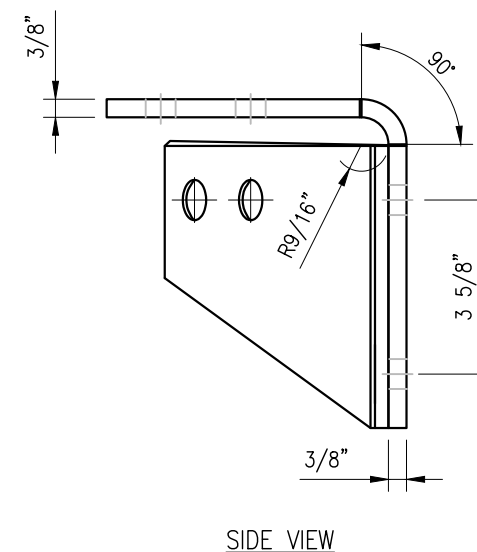


SIDE VIEW



TOP VIEW

CBP-R



SIDE VIEW

NOTES:

- HOT-DIPPED GALVANIZED PER ASTM A123.

VZSMART-PLK3 (SUPPORT RAIL CORNER BRACKET)					
ITEM NO.	QTY.	PART NO.	DESCRIPTION	SHEET #	WT
1	1	CBP-L	CORNER BENT PLATE BRACKET	PLK3-F1	9
2	1	CBP-R	CORNER BENT PLATE BRACKET	PLK3-F1	9
3	4	MS02-625-300-500	RU-BOLT 5/8" X 3" I.W. X 5" I.L. A36 (OR EQUIV.)	RBC-1	5
4	8	---	BOLT 5/8" X 2" A325	---	3
5	16	FW-625	5/8" HDG USS FLAT WASHER	---	1
6	16	LW-625	5/8" HDG LOCK WASHER	---	0
7	16	NUT-625	5/8" HDG HEX NUT	---	2
GALVANIZED WT					30

DRAWN BY: H.R. CHECKED BY: HMA

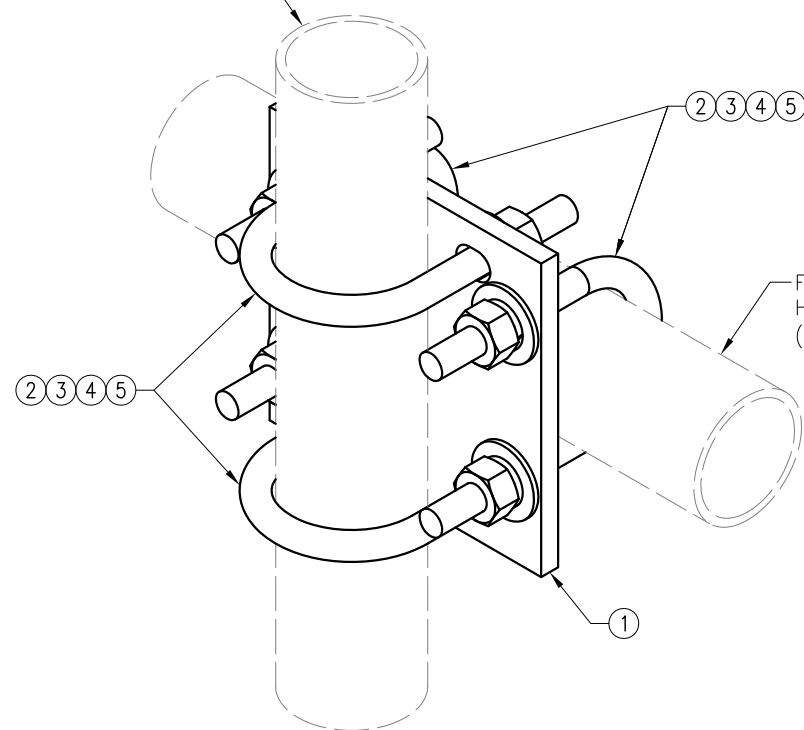
REV.	DESCRIPTION	BY	DATE
1	FIRST ISSUE	H.R.	05/08/20

SHEET TITLE:
 VZSMART-PLK3
 SUPPORT RAIL CORNER
 BRACKET

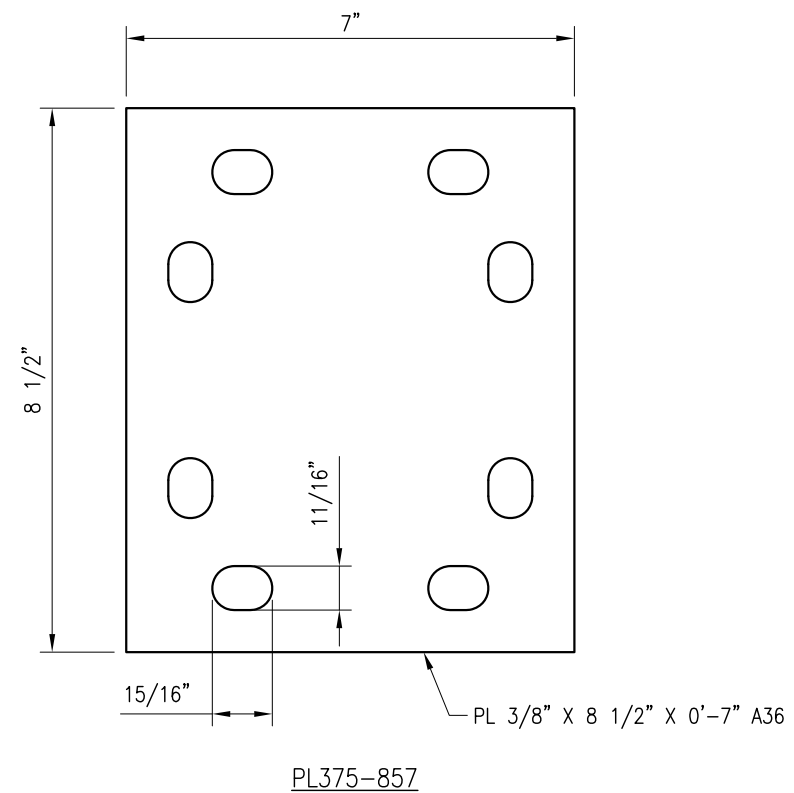
SHEET NUMBER: VZSMART-PLK3
 REV #: 0



FITS 2.375" O.D. AND 2.875" O.D.
 VERTICAL PIPE.
 (NOT INCLUDED IN THIS KIT)



FITS 2.375" O.D. AND 2.875" O.D.
 HORIZONTAL PIPE.
 (NOT INCLUDED IN THIS KIT)



PL375-857

DRAWN BY: H.R. CHECKED BY: HMA

REV.	DESCRIPTION	BY	DATE
1	FIRST ISSUE	H.R.	05/08/20

SHEET TITLE:

VZSMART-MSK1
 CROSSOVER PLATE

SHEET NUMBER: REV #:

VZSMART-MSK1 0

NOTES:
 1. HOT-DIPPED GALVANIZED PER ASTM A123.

VZSMART-MSK1 (CROSSOVER PLATE)					
ITEM NO.	QTY.	PART NO.	DESCRIPTION	SHEET #	WT
1	1	PL375-857	PL 3/8" X 8 1/2" X 0'-7" A36	MSK1-F1	6
2	4	MS02-625-300-500	RU-BOLT 5/8" X 3" I.W. X 5" I.L. A36 (OR EQUIV.)	RBC-1	5
3	8	FW-625	5/8" HDG USS FLAT WASHER	---	1
4	8	LW-625	5/8" HDG LOCK WASHER	---	0
5	8	NUT-625	5/8" HDG HEX NUT	---	1
GALVANIZED WT					14

Date: **April 12, 2021**

Andrew Leone
Verizon Wireless
118 Flanders Road
Westborough, MA 01581

Paul J. Ford & Company
250 East Broad Street, Suite 600
Columbus, OH 43215
614.221.6679

Re: Wethersfield 3 CT – L-Sub6/VZS01 Verizon Project

Structure: Existing 179-ft Monopole
Verizon Site Name: Wethersfield 3 CT
Site Address: 23 Kelleher Ct.
City, County, State: Wethersfield, Hartford, CT
Latitude, Longitude: 41.715417, -72.690639

PJF Project: 42920-0008.001.7805

Dear Mr. Leone,

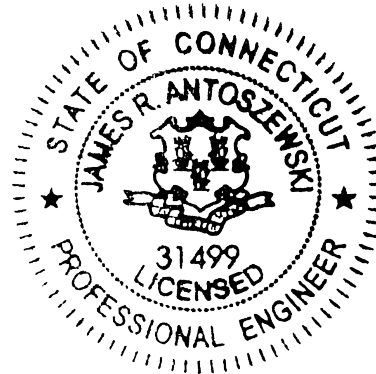
I am writing this letter to confirm that the Samsung 64T64R MMU antenna (referenced in the report as the L-Sub6 antenna) was used in Paul J. Ford & Company's Structural Analysis dated 12/23/2020 for the monopole described above.

We at Paul J. Ford and Company appreciate the opportunity of providing our continuing professional services to you and Verizon Wireless. If you have any questions or need further assistance on this or any other projects, please give us a call.

Respectfully submitted by:



Seth Tschanen, P.E.
Project Engineer
stschanen@pauljford.com



04/12/2021

March 29, 2021

Mr. Andrew Leone
Verizon Wireless
20 Alexander Dr.
Wallingford, CT 06492

Re: Verizon Wireless antenna Model Clarification for CT Siting Council

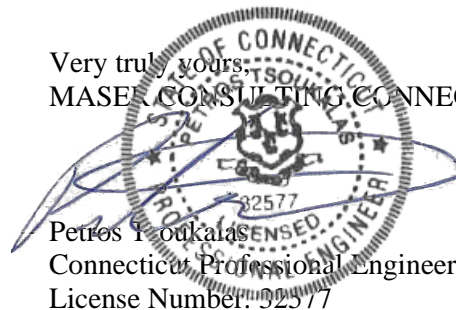
Dear Mr. Leone,

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”.

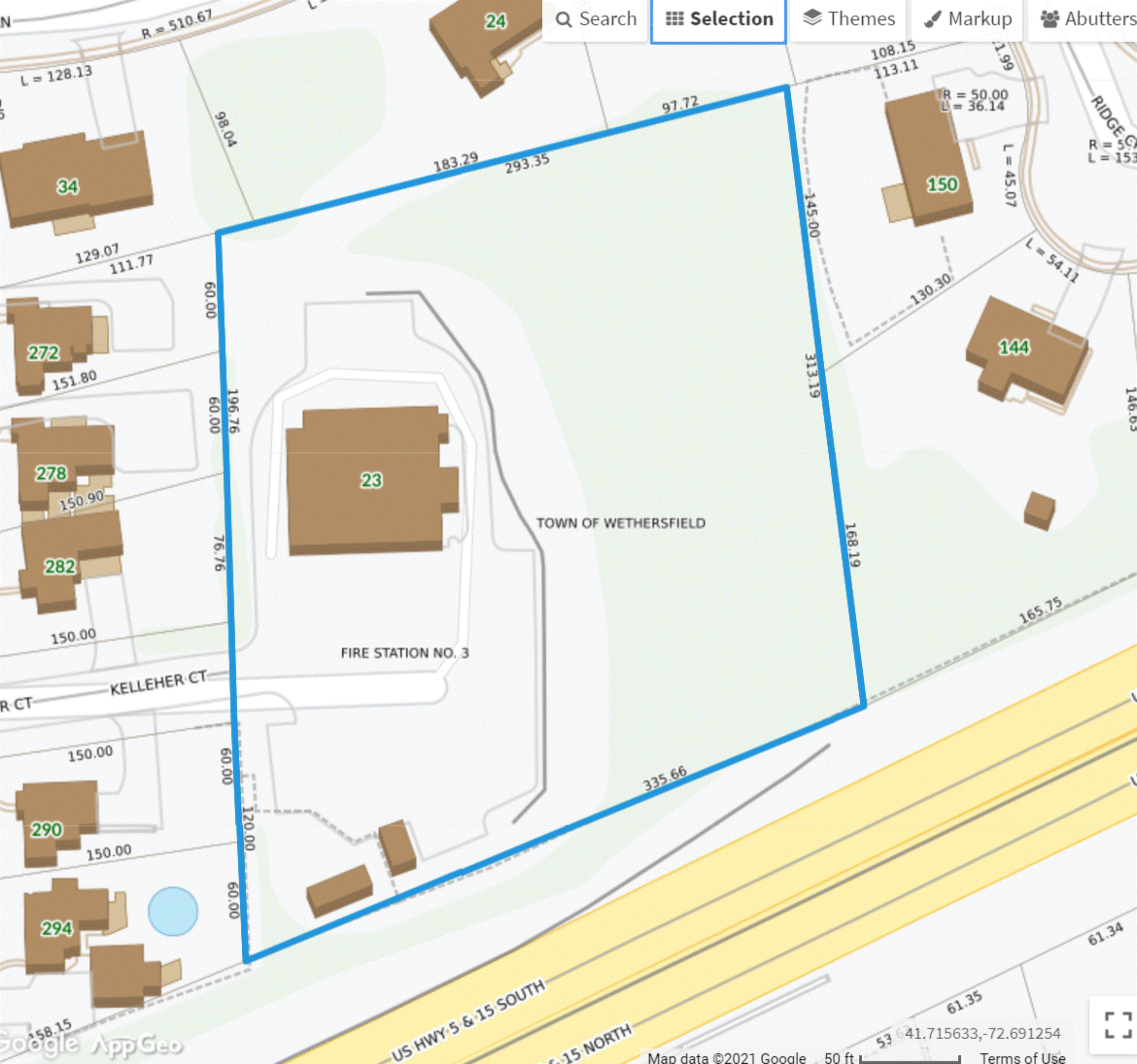
If you have any questions or comments, or require additional information, please do not hesitate to contact me.

Very truly yours,
MASER CONSULTING CONNECTICUT



Petros I. Ioukalis
Connecticut Professional Engineer
License Number: 32577

Attachment 5



Search

Selection

Themes

Markup

Abutters

24

34

150

144

272

278

282

23

290

294

TOWN OF WETHERSFIELD

FIRE STATION NO. 3

KELLEHER CT

US HWY 5 & 15 SOUTH

US HWY 5 & 15 NORTH

L = 128.13

R = 510.67

98.04

183.29

293.35

97.72

108.15

113.11

R = 50.00
L = 36.14

L = 45.07

R = 50.00
L = 153.00

129.07

111.77

60.00

196.76

60.00

76.76

151.80

150.90

150.00

145.00

313.19

168.19

165.75

150.00

60.00

120.00

60.00

335.66

61.34

61.35

53

41.715633, -72.691254

Location:	23 KELLEHER CT					Map/Lot:	073 060		Zone:	A1	Date Printed:	01-20-21
911 Address:						Exempt	X		Nbhd:	C10	Last Update:	01-20-21
Owner Of Record						Volume/Page	Date	Sales Type		Valid	Sale Price	
WETHERSFIELD TOWN OF FIREHOUSE #3 FI						0169 /0075	06-25-56			NO	0	
23 KELLEHER CT WETHERSFIELD , CT 06109												
Additional Owners:												
Prior Owner History												
/												
/												
/												
/												
/												
Permit Number	Date	Cost	New Hous	Status	% Comp	Est Completion	Building Permit					
B-20-0960	12-29-20	32,500	Yes	Imported Rec	0	01-01-01	Replace 3 existing antennas with 3 new antennas. Replace 2 fiber lines,					
B-19-0752	01-31-20	25,000	No	Closed	100	10-01-20	Install 3 antennas. 6 remote radio units. 1 DC surge suppression dome.					
B-19-0716	10-22-19	17,500	No	Closed	100	10-01-20	Replace 6 existing antenna & 3 RRU . Remove 3 TMA . Install 25 kw Delta					
E-19-0002	01-04-19	1,000	No	Closed	100	06-04-19	UPDATE KITCHEN ELECTRICAL. NEW POWER FOR FRIDGE & MICROWAVE					
P-19-0003	01-03-19	1,000	No	Closed	100	06-04-19	INSTALL DISHWASHER. TIE IN WATER LINES					
B-18-252	07-31-18	25,000	No	Closed	100	08-27-18	INSTALL 3 ADDITIONAL ANTENNAE. 6 NEW REMOTE RADIO UNITS. NEW SURGE SUPP					
				State Item Codes				Appraised Value				
Census/Tract	4923	Code	Quantity	Value	Code	Quantity	Value	Total Land Value		191,200		
Dev Map	Dev Lot 7-18	21- Comm Land	2.30	133,840				Total Building Value		1,291,873		
Date	05/30/2018	22-Comm Bldg	1.00	904,310				Total Outbuilding Value		712,196		
Inspector	EQ	25-Comm Outbldg	5.00	498,540				Total Market Value		2,195,269		
Action	Measure											
Acres							Influence Factors					
Land Type	Acres	490	Rate	Adj	Influence	Total Value	Land Type	Influence	Reason	Comment		
Primary Site	1.00	0.00	118,800	1.00	50	178,200	Primary Site	50	Intensive Use			
Comm Excess	1.30	0.00	10,000	1.00	0	13,000						
Total	2.30					191,200						
Assessment History (Prior Years as of Oct 1)							490 Appraised Totals					
	Current	2019	2018	2017	2016		Type	Acres	Value	Type	Acres	Value
Land	133,840	133,840	133,840	82,200	82,200							
Building	904,310	904,310	904,310	450,000	450,000							
Outbuilding	498,540	498,540	498,540	960,100	960,100							
Total	1,536,690	1,536,690	1,536,690	1,492,300	1,492,300					Totals		
Comments												
CELL POLE 4500 MONTH, 8 CAP RATE 2000 GAL DIESEL TANK CELL TOWER VALUE= 5 SITES@ 3000/MONTH 5X3000X12=180,000 5 X 3000 X 12 = 135,000/.11 = 1,227,250 FIREHOUSE 3 CELL TOWER + EQUIP ON SITE TOWN OWNS CELL TOWER RESEARCHED 4/2016												

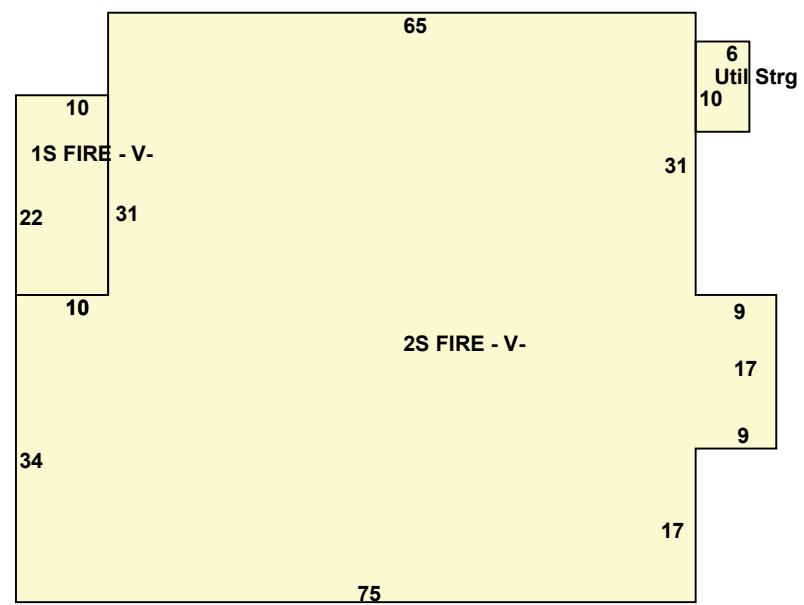
Unique ID: 073060

Wethersfield

Location: 23 KELLEHER CT Unit

Use	Class	Quality	Stry	WH	Area	BG	Units
Fire - Vol	Masonry	A-	2	12	9,436	NO	
Fire - Vol	Masonry	B-	1	12	220	NO	

Commercial Building Description		Description	Area/Qty	Value
Building Use	Fire Station -	Base Value	9,656	1,532,872
Class	Masonry	Central Air	1,532,872	22,993
Overall Condition	Good	Value Before Depr.	0	1,555,865
Construction Quality	B-	Depr/Adjust Amount	0	264,497
Stories	2.00	Final Value (After Depr)	0	1,291,368
Year Built	1969			
Remodel				
Percent Complete	100			
GLA	9,656			
Basement				
Basement Area				
Basement Unfinished Area		Grade Factor	0	Physical Depreciation % 17
HVAC		Functional Depreciation %	0	Economical Depreciation % 0
Heating Type	Hot Water	Attached Component Computations		
Fuel Type	Natural Gas	Type	Yr Bilt	Condition
Cooling Type	Central 100 %	Utility Storage	1969	Good
Interior		Area/Qty	Value	
Floors	Vinyl Tile	60	505	
Walls	Drywall			
Wall Height	12			
Exterior				
Exterior Walls	Brick			
Roof Cover	Asphalt			
Special Features				



Detached Component Computations									
Type	Year	Condition	Area/Qty	Value	Type	Year	Condition	Area/Qty	Value
PreCastConCel	2008	Average	200	8,075					
PreCastConCel	2008	Average	240	9,690					
PreCastConCel	2008	Average	360	14,535					
Paving	1999	Good	3,600	4,896					
Cell Tower	2000	Average	1	675,000					
Total Building Value									
Building	1	Value	1,291,873						
Valuation Method	C								

Attachment 6



Certificate of Mailing — Firm

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

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TOTAL NO. of Pieces Received at Post Office™

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 Postmark with Date of Receipt.

Postmaster, per (name of receiving employee)

[Handwritten signature]

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 APR 18 2021

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 04/18/2021
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 041112203937

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Address (Name, Street, City, State and ZIP Code™)

Postage

Fee

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Parcel Airlift

1. Gary A. Evans, Wethersfield Town Manager
 Town of Wethersfield
 505 Slias Deane Highway
 Wethersfield, CT 06109

2. Peter Gillespie, Director of Planning & Economic Development
 Town of Wethersfield
 505 Slias Deane Highway
 Wethersfield, CT 06109

3. _____

4. _____

5. _____

6. _____