

10 INDUSTRIAL AVE,
SUITE 3
MAHWAH NJ 07430

PHONE: 201.684.0055
FAX: 201.684.0066



July 1st, 2022

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

RE: Notice of Exempt Modification
16 Titicus Mountain Road, New Fairfield, CT 06812
Latitude: 41.4506863
Longitude: -73.51595683
T-Mobile Site#: CT11106A - Anchor

Dear Ms. Bachman:

T-Mobile currently maintains nine (9) antennas at the 191/193-foot level of the existing 195-foot self support tower at 16 Titicus Mountain Road, New Fairfield, CT. The 195-foot self support tower and property is owned and operated by American Tower Corporation. T-Mobile now intends to remove nine (9) existing antennas and add nine (9) new 5G antennas. The new antennas will be installed at the same 191-193-foot level of the tower.

Planned Modifications:

Tower:

Remove

- (6) AIR21 B2A B4P Antennas
- (3) LNX-6515DS Antennas
- (3) RRUS11 B12
- (12) 1-5/8" Coax Cables
- (1) 1 5/8" Fiber Cable
- (3) KRY 112 144/1 TMAs

Install New:

- (3) AIR6449 B41 Antennas
- (3) APXVAALL24 Antennas
- (3) VV-65A-R1 Antennas
- (3) Radio 4460 B2+B25
- (3) Radio 4480 B71

(3) 1.99" Hybrid Cable

Ground:

Install New:

(1) Enclosure 6160 and (1) B160 and (2) RP6651

Remove:

(1) Cabinet, (2) DUW30, (1) BB 5216, and (6) RU22 Radios

This tower was originally built in August 1967 according to an appraisal record letter by United Appraisal Company dated May 26, 1971 with no known conditions. A copy of this letter is included in this filing.

Please accept this letter as notification pursuant to Regulations of Connecticut State Agencies § 16- SOj-73, for construction that constitutes an exempt modification pursuant to R.C.S.A. § 16-50j-72(b)(2). In accordance with R.C.S.A. § 16-SOj-73, a copy of this letter is being sent to First Selectman - Patricia Del Monaco, Elected Official, and Evan White, Zoning Enforcement Officer, as well as the tower and property owner.

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

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

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

Sincerely,

Eric Breun

Transcend Wireless

Cell: 201-658-7728

Email: ebreun@transcendwireless.com

Attachments

cc: Patricia Del Monaco - First Selectman of New Fairfield

Evan White - Zoning Enforcement Officer

American Tower Corporation – Tower Owner

ERIC BREUN
2016587728
1 INTERNATIONAL BLVD.
MAHWAH NJ 07495

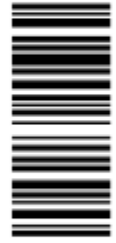
1 LBS

1 OF 1

SHIP TO:
PATRICIA DEL MONACO
4 BRUSH HILL ROAD
NEW FAIRFIELD CT 06812



CT 068 0-01



UPS GROUND

TRACKING #: 1Z V25 742 03 9666 8807



BILLING: P/P

Reference #1: CT11106A

XOL 22.06.15 NV45 27.0A 06/2022*



TM

ERIC BREUN
2016587728
1 INTERNATIONAL BLVD.
MAHWAH NJ 07495

1 LBS

1 OF 1

SHIP TO:
AMERICAN TOWER CORPORATION
10 PRESIDENTIAL WAY
WOBURN MA 01801



MA 018 9-04



UPS GROUND

TRACKING #: 1Z V25 742 03 9905 8792



BILLING: P/P

Reference #1: CT11106A

XOL 22.06.15 NV45 27.0A 06/2022*



TM

ERIC BREUN
2016587728
1 INTERNATIONAL BLVD.
MAHWAH NJ 07495

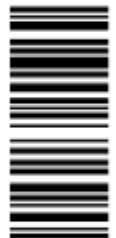
1 LBS

1 OF 1

SHIP TO:
EVAN WHITE
4 BRUSH HILL ROAD
NEW FAIRFIELD CT 06812

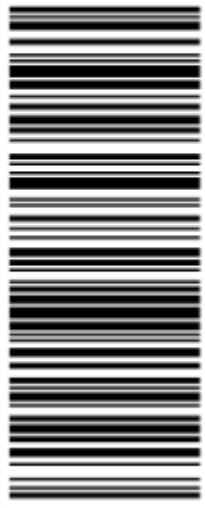


CT 068 0-01



UPS GROUND

TRACKING #: 1Z V25 742 03 9365 1320



BILLING: P/P

Reference #1: CT11106A

XOL 22.06.15 NV45 27.04.06/2022*



TM

Hello, your package has been delivered.

Delivery Date: Wednesday, 06/29/2022

Delivery Time: 2:12 PM

Signed by: TRISYa

TRANSCEND WIRELESS

Tracking Number: [1ZV257420396668807](#)

Ship To: PATRICIA DEL MONACO
4 BRUSH HILL ROAD
NEW FAIRFIELD, CT 06812
US

Number of Packages: 1

UPS Service: UPS Ground

Package Weight: 1.0 LBS

Reference Number: [CT11106A](#)

Hello, your package has been delivered.

Delivery Date: Wednesday, 06/29/2022

Delivery Time: 2:12 PM

Signed by: TRISYa

TRANSCEND WIRELESS

Tracking Number: [1ZV257420393651320](#)

Ship To: EVAN WHITE
4 BRUSH HILL ROAD
NEW FAIRFIELD, CT 06812
US

Number of Packages: 1

UPS Service: UPS Ground

Package Weight: 1.0 LBS

Reference Number: [CT11106A](#)

Hello, your package has been delivered.

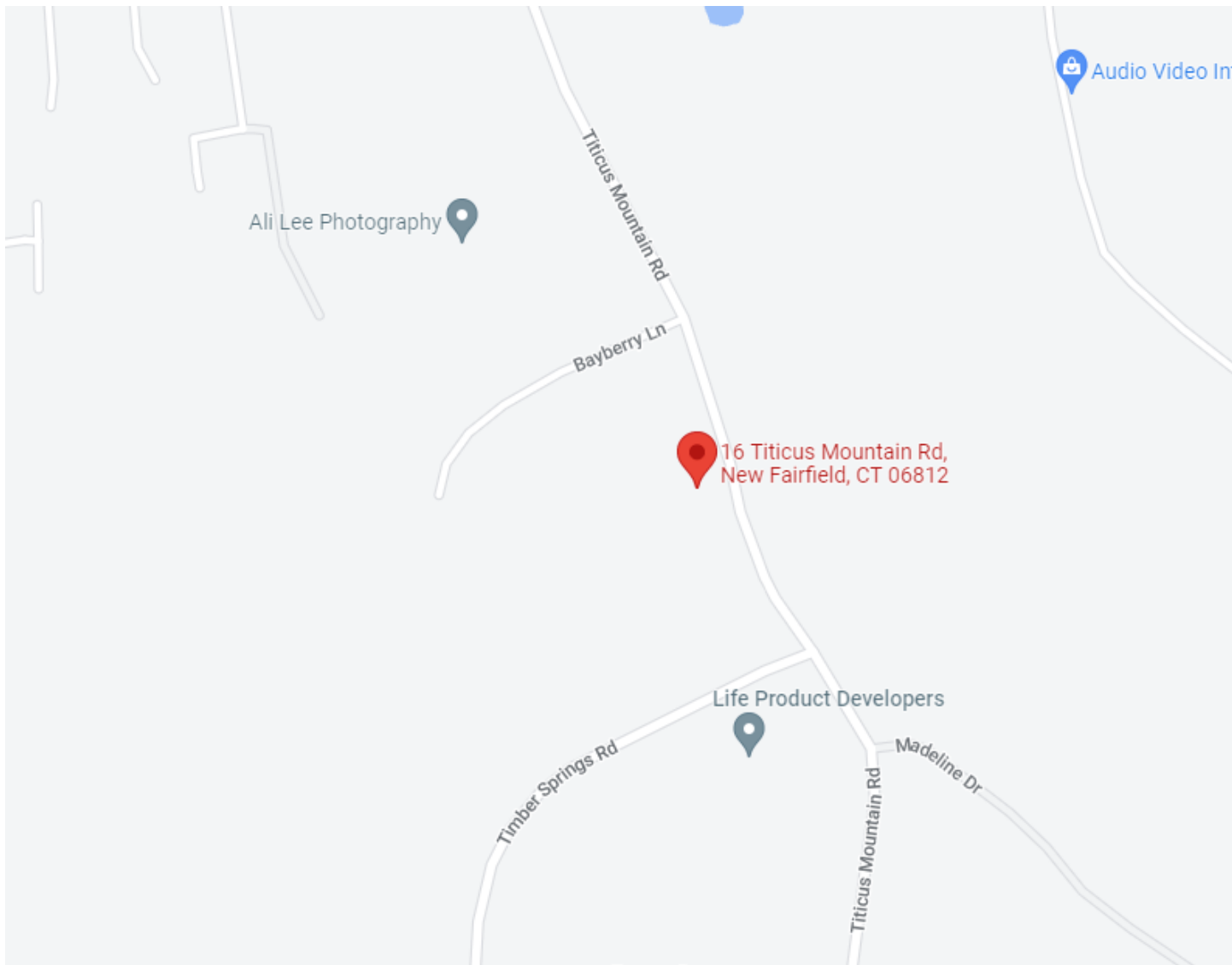
Delivery Date: Wednesday, 06/29/2022

Delivery Time: 10:53 AM

Signed by: ANCRI

TRANSCEND WIRELESS

Tracking Number:	<u>1ZV257420399058792</u>
Ship To:	AMERICAN TOWER CORPORATION 10 PRESIDENTIAL WAY WOBURN, MA 01801 US
Number of Packages:	1
UPS Service:	UPS Ground
Package Weight:	1.0 LBS
Reference Number:	<u>CT11106A</u>



Ali Lee Photography

Audio Video Int

Titicus Mountain Rd

Bayberry Ln

16 Titicus Mountain Rd,
New Fairfield, CT 06812

Life Product Developers

Timber Springs Rd

Titicus Mountain Rd

Madeline Dr

27 2 7.1 & 7.3
=



AT&T Long Lines

32 Ave. of the Americas
New York, N.Y. 10013
Phone (212) 393-6658

Robert Coe
Tax Attorney

May 26, 1971

United Appraisal Company
53 Connecticut Blvd.
East Hartford, Connecticut 06108

Attention: Mr. Sherwood S. Vermilya, President

Dear Mr. Vermilya:

This is in response to your letter of May 19, 1971 pertaining to the micro-wave radio relay station owned by this Company in the Town of New Fairfield. The total real property owned is described below.

New Fairfield Radio Relay Station

Land: a parcel of 5.11615 acres purchased as 2 separate parcels as follows:

1. 91'x470' or 1.09124 acres purchased 8-15-66 from Rasacke, recorded Book 90, Page 255.
2. 375'x470' or 4.02491 acres purchased 8-24-66 from Kovalik, Eason and the Campo Estate, recorded Book 90, Page 478.

Improvements:

Building: a one story reinforced concrete building structure, 56'10"x56'10"x15'8" high, outside dimensions, without basement, plumbing, water supply or fixtures, built to function as an unattended micro-wave radio relay route amplifying station. The building was completed July 1967 for about \$108,450.

Tower: a 187-1/2' lightweight antenna support skeletal steel tower on reinforced concrete foundation piers is built adjacent to the building, completed August 1967 for about \$39,950.

If you need any further information, please let me know.

Very truly yours,

will not disturb the normal peace and quiet of the area.

All equipment and structures shall be such as are incidental and appropriate for the specific activities of the club and subject to the rules and regulations enacted from time to time by the Planning and Zoning Commission.

P. The Commission shall have the power to issue construction or use permits to Public Utilities which are subject to governmental regulations provided that the Commission shall find that the location and character of the facility in question will not unduly injure the property in the area and will not disturb the safety, peace and quiet of the neighborhood.

No permit shall be issued for the erection of any such structure or facility without a Public Hearing being held by the Commission.

Q. Churches and eleemosynary institutions.

ARTICLE V—Permit Requirements

Section 1. No building shall be erected or altered in the Town of New Fairfield, and no septic tank, well or field shall be erected, relocated or extended contrary to the regulations of the Commission and no land shall be used for any restricted commercial use without securing a permit from the Commission.

Section 2. Except where Commission rules otherwise for special reason, lot side lines shall be approximately at right angles to straight street lines or radial to curving street lines.

Section 3. No building permit shall be issued until the Health Officer for the town has in writing approved the location as to health, sanitation and water supply and has specified the required water, sewage and sanitation installation. No certificate of occupancy shall be issued until said Health Officer has in writing approved the completed health, sanitation, water and sewage installations. The Health Officer may appoint a deputy to make necessary tests and inspections and report his findings to him.

Section 4. No lot in any zone shall be so reduced in size that any required open space will be smaller than is prescribed or so that any violation of these regulations will result, and no owner or occupant of any building or land shall take any action subsequent to the granting of any permit which results in any violation.

Section 5. No building permit or certificate of occupancy shall be issued for an inaccessible dwelling except subject to the following terms and conditions:

The permittee shall waive all claims against the Town of New Fairfield relating to Fire and Police protection.

Children within the age where school attendance is legally mandatory shall not be permitted to live in said dwelling during Public School sessions, unless the parents, guardians or other persons responsible for them, shall make provision for their attendance at regular school sessions except in cases of absences excused by the proper authority.

In the event of any violation, the Commission, after due notice and hearing of all parties directly interested, may revoke all outstanding building permits and certificates of occupancy and in lieu thereof and on proper application to it, shall issue a permit for seasonal occupancy only from the first day of May to the first day of November in each year.

If, as and when, any inaccessible dwelling shall cease to be an inaccessible dwelling, by reason of the establishment of a requisite road, the restrictions of this regulation shall automatically cease to apply.

In the event that this regulation or any part thereof shall be held invalid or inapplicable as to particular lot or lots, said holding shall not affect the validity or applicability of the regulations to any other property.

Section 6. No building shall be erected or altered for any purpose, and no land or building shall be used for any new restricted commercial purpose, without previously obtaining a permit as herein provided.

Section 7. All permits shall be issued in quadruplicate on prenumbered forms, one copy to be sent to the Board of Assessors, one to the State Health Officer of the Town, one for the Field Director and one for the applicant.

Section 8. No building or structure or part thereof shall be erected, converted, enlarged or moved without a Building permit from the said Commission or its agent, issued upon application, on which the plans and intended use indicate that the building is to conform in all respects with the provisions of these regulations. Nor shall any building or structure be razed without a building permit. A fee as determined by the Planning and Zoning Commission may be required.

Section 9. Every application for a Building Permit shall be accompanied by payment of fees as established by the Planning and Zoning Commission. Such fees may be retained by the Town

**Planning and Zoning
Regulations of the
Town of New Fairfield**
CONNECTICUT

**Planning Regulations as Amended
Effective February 2, 1970**

**Zoning Regulations as Amended
Effective March, 1967**

\$1.00 per copy

CURRENT OWNER			TOPO	UTILITIES	STRT / ROAD	LOCATION	CURRENT ASSESSMENT						
AMERICAN TOWERS INC C/O AMERICAN TOWER CORPORATI PO BOX 723597							Description	Code	Appraised	Assessed	6091 NEW FAIRFIELD, CT		
ATLANTA GA 31139			Alt Prcl ID 27 2 7.3 State Clas 200 St Cls Cod 504 Census Tr 2201000000 Devl Lot # Survey Ma SM 1247 GIS ID 00580500			BAA Section 3 Asking callback X Assoc Pid#			PUB UTIL.	400		113,200	79,200
									PUB UTIL.	400		257,200	180,000
									PUB UTIL.	400		1,083,000	758,100
SUPPLEMENTAL DATA							Total		1,453,400	1,017,300	VISION		

RECORD OF OWNERSHIP			BK-VOL/PAGE	SALE DATE	Q/U	VI	SALE PRICE	VC	PREVIOUS ASSESSMENTS (HISTORY)								
AMERICAN TOWERS INC			0301 0274	02-17-2000	U	V	359,641		Year	Code	Assessed	Year	Code	Assessed			
									2019	400	79,200	2018	400	88,600			
										400	180,000		400	180,000			
										400	758,100		400	496,000			
									Total		1017300	Total		764600	Total		764600

EXEMPTIONS			OTHER ASSESSMENTS					
Year	Code	Description	Amount	Code	Description	Number	Amount	Comm Int
								This signature acknowledges a visit by a Data Collector or Assessor
Total			0.00					

ASSESSING NEIGHBORHOOD				
Nbhd	Nbhd Name	B	Tracing	Batch
CI				

APPRAISED VALUE SUMMARY	
Appraised Bldg. Value (Card)	113,200
Appraised Xf (B) Value (Bldg)	0
Appraised Ob (B) Value (Bldg)	1,083,000
Appraised Land Value (Bldg)	257,200
Special Land Value	0
Total Appraised Parcel Value	1,453,400
Valuation Method	C
Total Appraised Parcel Value	1,453,400

NOTES						
AMERICAN TOWER SITE#CT-088014			270,000 CELL TENANT VALUE			
FCC TOWER REG # 1056420			2014 GL BAA DENIED--NO SHOW			
197 FOOT TOWER			2019- EST NO TRESPASSING GATED			
PHOTO 2 = BLD 2 (TOWER)			FUNC=OVERBUILT			
IA 4/09 NO HEATING SYSTEM- REMOVED			ADDED 12 PANEL ANTENNAS			
30000 - 10% VAC/EXP = 27000 / .10 =						

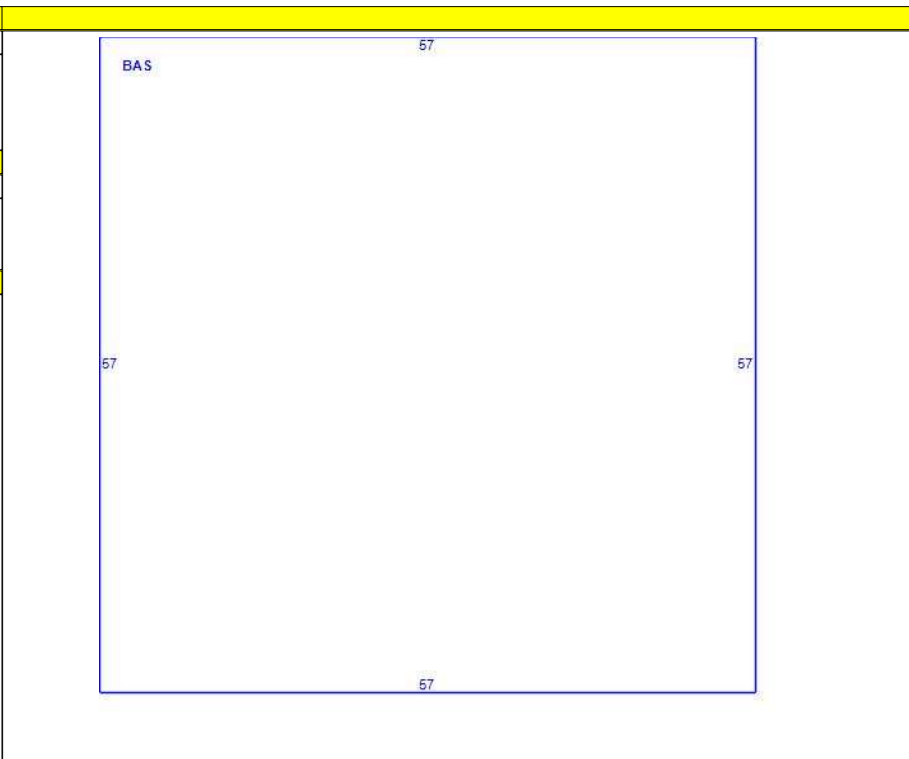
BUILDING PERMIT RECORD						VISIT / CHANGE HISTORY								
Permit Id	Issue Date	Type	Description	Amount	Insp Date	% Comp	Date Comp	Comments	Date	Id	Type	Is	Cd	Purpost/Result
11-000139	10-19-2011	CM	ANTENAS			100			07-11-2019	ES			01	Meas. - Int. Est.
10-06	01-27-2010	CM	ANTENNAS, O			100			03-12-2015	RS	03		52	BAA NO CHANGE
B-09-011	03-11-2009	RS	Residential			100	06-23-2009	CO# 09-40	09-30-2009	SR			12	Field Review
5249	10-13-2005		VERIZON WIR			100			09-09-2009	JL			12	Field Review
97129	06-12-1997	RE	Remodel			100			04-14-2009	MI	01		00	Meas. & Listed
									08-26-2004	AJ			12	Field Review

LAND LINE VALUATION SECTION																
B	Use Code	Description	Zone	Land Type	Land Units	Unit Price	I. Factor	Site Index	Cond.	Nbhd.	Nbhd Adj	Notes	Location Adjustment	Adj Unit Pric	Land Value	
1	400	Pub. Utility	2		1.000 AC	159,300.00	1.00000	A	1.00	D	1.100			0	175,200	
1	400	Pub. Utility	2		4.100 AC	20,000.00	1.00000	0	1.00		1.000	TOPO		0	82,000	
Total Card Land Units					5.100 AC	Parcel Total Land Area: 5.1000					Total Land Value					257,200

CONSTRUCTION DETAIL			CONSTRUCTION DETAIL (CONTINUED)		
Element	Cd	Description	Element	Cd	Description
Style:	97	Tower support			
Model	94	Commercial			
Grade	C	C			
Stories:	1				
Occupancy	1.00				
Exterior Wall 1	15	Concr/Cinder			
Exterior Wall 2					
Roof Structure	01	Flat			
Roof Cover	04	Tar & Gravel			
Interior Wall 1	01	Minim/Masonry			
Interior Wall 2					
Interior Floor 1	03	Concr-Finished			
Interior Floor 2					
Heating Fuel	07	Typical			
Heating Type	01	None			
AC Type	03	Central			
Bldg Use	400	Pub. Utility			
Heat/AC	02	HEAT/AC SPLIT			
Frame Type	03	MASONRY			
Baths/Plumbing	02	AVERAGE			
Ceiling/Wall	01	SUSP-CEIL ONLY			
Rooms/Prtns	02	AVERAGE			
Wall Height	14.00				
% Comn Wall					
1st Floor Use:	504	504			

MIXED USE		
Code	Description	Percentage
400	Pub. Utility	100
		0
		0

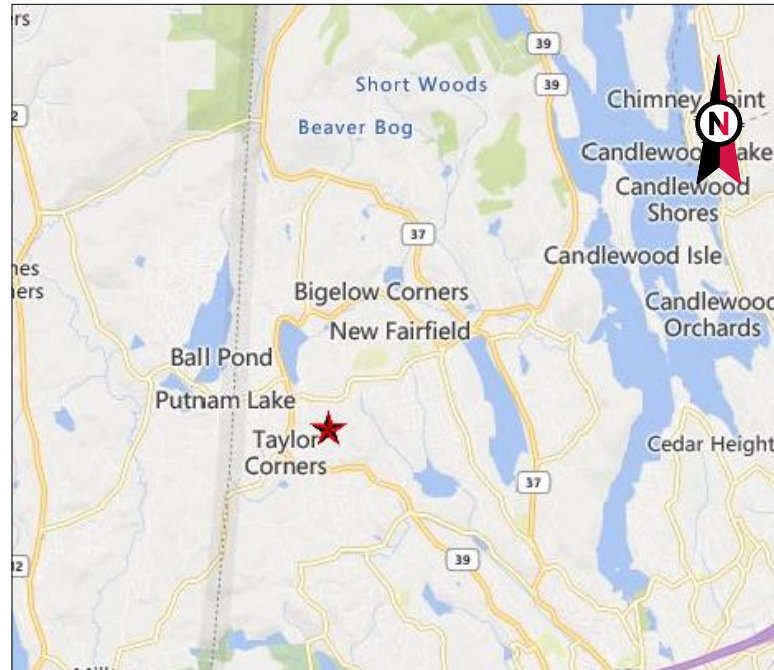
COST / MARKET VALUATION	
RCN	332,990
Year Built	1967
Effective Year Built	1983
Depreciation Code	A
Remodel Rating	
Year Remodeled	
Depreciation %	36
Functional Obsol	30
External Obsol	
Trend Factor	1
Condition	
Condition %	
Percent Good	34
Cns Sect Rcnd	113,200
Dep % Ovr	
Dep Ovr Comment	
Misc Imp Ovr	
Misc Imp Ovr Comment	
Cost to Cure Ovr	
Cost to Cure Ovr Comment	



OB - OUTBUILDING & YARD ITEMS(L) / XF - BUILDING EXTRA FEATURES(B)										
Code	Description	L/B	Units	Unit Price	Yr Blt	Cond. Cd	% Good	Grade	Grade Adj	Appr. Value
PAV1	PAVING-ASPH	L	3,200	1.80	1967	F	30	C	1.00	1,700
SHD1	Shed	L	100	14.00	2009	E	90	C	1.00	1,300
CELL	Cell Tenant	L	4	270000.0	2009	E	100	C	0.00	1,080,000

BUILDING SUB-AREA SUMMARY SECTION							
Code	Description	Living Area	Floor Area	Eff Area	Unit Cost	Undeprec Value	
BAS	First Floor	3,249	3,249	3,249	102.49	332,990	
Ttl Gross Liv / Lease Area		3,249	3,249	3,249		332,990	





VICINITY MAP



AMERICAN TOWER®

ATC SITE NAME: NEW FAIRFIELD
 ATC SITE NUMBER: 88014
 T-MOBILE SITE NAME: NEW FAIRFIELD (AT&T)
 T-MOBILE SITE NUMBER: CT11106A
 SITE ADDRESS: 22 TITICUS MTN ROAD
 NEW FAIRFIELD, CT 06812



LOCATION MAP

BIRD WATCH SITE:
 PLEASE CONTACT bird.watch@americantower.com OR
 AMERICAN TOWER NOC AT 877-518-6937 FOR ASSISTANCE

**T-MOBILE ANCHOR AMENDMENT PLAN
 67E5D998E OUTDOOR CONFIGURATION**

COMPLIANCE CODE	PROJECT SUMMARY	PROJECT DESCRIPTION	SHEET INDEX				
ALL WORK SHALL BE PERFORMED AND MATERIALS INSTALLED IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE FOLLOWING CODES AS ADOPTED BY THE LOCAL GOVERNMENT AUTHORITIES. NOTHING IN THESE PLANS IS TO BE CONSTRUED TO PERMIT WORK NOT CONFORMING TO THESE CODES. 1. INTERNATIONAL BUILDING CODE (IBC) 2. NATIONAL ELECTRIC CODE (NEC) 3. LOCAL BUILDING CODE 4. CITY/COUNTY ORDINANCES	<u>SITE ADDRESS:</u> 22 TITICUS MTN ROAD NEW FAIRFIELD, CT 06812 COUNTY: FAIRFIELD <u>GEOGRAPHIC COORDINATES:</u> LATITUDE: 41.4506863 LONGITUDE: -73.51595683 GROUND ELEVATION: 890' AMSL	THE PROPOSED PROJECT INCLUDES MODIFYING GROUND BASED AND TOWER MOUNTED EQUIPMENT AS INDICATED PER BELOW: <u>TOWER WORK:</u> REMOVE (9) ANTENNA(S), (3) RRU(S), (3) TTA(S), (1) 1-5/8" FIBER CABLE, AND (12) 1-5/8" COAX CABLE(S) INSTALL MOUNT MODIFICATIONS, (9) ANTENNA(S), (6) RRU(S), AND (3) HYBRID TRUNK 6/24 4AWG CABLE(S) <u>GROUND WORK:</u> REMOVE (1) CABINET, (2) DUW30, (1) BB 5216, AND (6) RU22 RADIOS INSTALL (1) 6160 CABINET, (2) RP 6651, AND (1) B160 BATTERY CABINET EXISTING (1) RBS 6131 CABINET TO REMAIN	SHEET NO:	DESCRIPTION:	REV:	DATE:	BY:
	<u>PROJECT TEAM</u> <u>TOWER OWNER:</u> AMERICAN TOWER 10 PRESIDENTIAL WAY WOBURN, MA 01801 <u>ENGINEER:</u> ATC TOWER SERVICES, LLC 3500 REGENCY PKWY STE 100 CARY, NC 27518 <u>PROPERTY OWNER:</u> AMERICAN TOWERS INC 22 TITICUS MTN ROAD NEW FAIRFIELD, CT 06812	<u>PROJECT NOTES</u> 1. THE FACILITY IS UNMANNED. 2. A TECHNICIAN WILL VISIT THE SITE APPROXIMATELY ONCE A MONTH FOR ROUTINE INSPECTION AND MAINTENANCE. 3. THE PROJECT WILL NOT RESULT IN ANY SIGNIFICANT LAND DISTURBANCE OR EFFECT OF STORM WATER DRAINAGE. 4. NO SANITARY SEWER, POTABLE WATER OR TRASH DISPOSAL IS REQUIRED. 5. HANDICAP ACCESS IS NOT REQUIRED. 6. THE PROJECT DEPICTED IN THESE PLANS QUALIFIES AS AN ELIGIBLE FACILITIES REQUEST ENTITLED TO EXPEDITED REVIEW UNDER 47 U.S.C. § 1455(A) AS A MODIFICATION OF AN EXISTING WIRELESS TOWER THAT INVOLVES THE COLLOCATION, REMOVAL, AND/OR REPLACEMENT OF TRANSMISSION EQUIPMENT THAT IS NOT A SUBSTANTIAL CHANGE UNDER CFR § 1.61000 (B)(7).	G-001	TITLE SHEET	0	06/06/22	AT
<u>UTILITY COMPANIES</u> POWER COMPANY: EVERSOURCE ENERGY/56002 PHONE: 888.783.6617 TELEPHONE COMPANY: FRONTIER COMMUNICATIONS PHONE: 800-376-6843	<u>PROJECT LOCATION DIRECTIONS</u> TAKE I-84 TO EXIT 5. TURN LEFT ONTO RT 39 AND PROCEED 5.3 MILES TO GILLOTTI RD. TURN RIGHT ONTO GILLOTTI RD AND PROCEED 0.3 MILES TO TITICUS RD. TURN RIGHT ONTO TITICUS RD. PROCEED 0.3 MILES TO SITE ON RIGHT.	C-101	DETAILED SITE PLAN	0	06/06/22	AT	
811 Know what's below. Call before you dig.		C-102	DETAILED EQUIPMENT PLAN	0	06/06/22	AT	
		C-201	TOWER ELEVATION	0	06/06/22	AT	
		C-401	ANTENNA INFORMATION & SCHEDULE	0	06/06/22	AT	
		C-501	CONSTRUCTION DETAILS	0	06/06/22	AT	
		E-501	GROUNDING DETAILS	0	06/06/22	AT	
		R-601	SUPPLEMENTAL				
		R-602	SUPPLEMENTAL				
		R-603	SUPPLEMENTAL				
		R-604	SUPPLEMENTAL				
		R-605	SUPPLEMENTAL				
		R-606	SUPPLEMENTAL				
		R-607	SUPPLEMENTAL				
		R-608	SUPPLEMENTAL				
		R-609	SUPPLEMENTAL				
			MOUNT MODIFICATION SHEETS				

AMERICAN TOWER®
 A.T. ENGINEERING SERVICE, PLLC
 3500 REGENCY PARKWAY
 SUITE 100
 CARY, NC 27518
 PHONE: (919) 468-0112
 COA: PEC.0001553

THE USE AND PUBLICATION OF THESE DRAWINGS SHALL BE RESTRICTED TO THE ORIGINAL SITE FOR WHICH THEY ARE PREPARED. ANY USE OR DISCLOSURE OTHER THAN THAT WHICH RELATES TO AMERICAN TOWER OR THE SPECIFIED CARRIER IS STRICTLY PROHIBITED. NEITHER THE ARCHITECT NOR THE ENGINEER WILL BE PROVIDING ON-SITE CONSTRUCTION REVIEW OF THIS PROJECT. CONTRACTOR(S) MUST VERIFY ALL DIMENSIONS AND ADVISE AMERICAN TOWER OR THE SPECIFIED CARRIER OF ANY DISCREPANCIES. ANY PRIOR ISSUANCE OF THIS DRAWING IS SUPERSEDED BY THE LATEST VERSION.

REV.	DESCRIPTION	BY	DATE
0	FOR CONSTRUCTION	AT	06/06/22

ATC SITE NUMBER:
88014

ATC SITE NAME:
NEW FAIRFIELD

T-MOBILE SITE NAME:
NEW FAIRFIELD (AT&T)

SITE ADDRESS:
22 TITICUS MTN ROAD
NEW FAIRFIELD, CT 06812

SEAL:

Authorized by "EOR"
08 Jun 2022 10:56:51 cosign

T-Mobile

DATE DRAWN:	06/06/22
ATC JOB NO:	13934709_G3
CUSTOMER ID:	NEW FAIRFIELD (AT&T)
CUSTOMER #:	CT11106A

TITLE SHEET

SHEET NUMBER: G-001	REVISION: 0
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Copyright © 2022 ATC IP LLC, All Rights Reserved.

GENERAL CONSTRUCTION NOTES:

1. OWNER FURNISHED MATERIALS, T-MOBILE "THE COMPANY" WILL PROVIDE AND THE CONTRACTOR WILL INSTALL
 - A. BTS EQUIPMENT FRAME (PLATFORM) AND ICEBRIDGE SHELTER (GROUND BUILD/CO-LOCATE ONLY)
 - B. AC/TELCO INTERFACE BOX (PPC)
 - C. ICE BRIDGE (CABLE TRAY WITH COVER) (GROUND BUILD/CO-LOCATE ONLY, GC TO FURNISH AND INSTALL FOR ROOFTOP INSTALLATION)
 - D. TOWERS, MONOPOLES
 - E. TOWER LIGHTING
 - F. GENERATORS & LIQUID PROPANE TANK
 - G. ANTENNA STANDARD BRACKETS, FRAMES AND PIPES FOR MOUNTING
 - H. ANTENNAS (INSTALLED BY OTHERS)
 - I. TRANSMISSION LINE
 - J. TRANSMISSION LINE JUMPERS
 - K. TRANSMISSION LINE CONNECTORS WITH WEATHERPROOFING KITS
 - L. TRANSMISSION LINE GROUND KITS
 - M. HANGERS
 - N. HOISTING GRIPS
 - O. BTS EQUIPMENT
2. THE CONTRACTOR IS RESPONSIBLE TO PROVIDE ALL OTHER MATERIALS FOR THE COMPLETE INSTALLATION OF THE SITE INCLUDING, BUT NOT LIMITED TO, SUCH MATERIALS AS FENCING, STRUCTURAL STEEL SUPPORTING SUB-FRAME FOR PLATFORM, ROOFING LABOR AND MATERIALS, GROUNDING RINGS, GROUNDING WIRES, COPPER-CLAD OR XIT CHEMICAL GROUND ROD(S), BUSS BARS, TRANSFORMERS AND DISCONNECT SWITCHES WHERE APPLICABLE, TEMPORARY ELECTRICAL POWER, CONDUIT, LANDSCAPING COMPOUND STONE, CRANES, CORE DRILLING, SLEEPERS AND RUBBER MATTING, REBAR, CONCRETE CAISSONS, PADS AND/OR AUGER MOUNTS, MISCELLANEOUS FASTENERS, CABLE TRAYS, NON-STANDARD ANTENNA FRAMES AND ALL OTHER MATERIAL AND LABOR REQUIRED TO COMPLETE THE JOB ACCORDING TO THE DRAWINGS AND SPECIFICATIONS. IT IS THE POSITION OF T-MOBILE TO APPLY FOR PERMITTING AND CONTRACTOR RESPONSIBLE FOR PICKUP AND PAYMENT OF REQUIRED PERMITS.
3. ALL WORK SHALL CONFORM TO ALL CURRENT APPLICABLE FEDERAL, STATE, AND LOCAL CODES, INCLUDING ANSIEIA/TIA-222, AND COMPLY WITH ATC CONSTRUCTION SPECIFICATIONS.
4. CONTRACTOR SHALL CONTACT LOCAL 811 FOR IDENTIFICATION OF UNDERGROUND UTILITIES PRIOR TO START OF CONSTRUCTION.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL REQUIRED INSPECTIONS.
6. ALL DIMENSIONS TO, OF, AND ON EXISTING BUILDINGS, DRAINAGE STRUCTURES, AND SITE IMPROVEMENTS SHALL BE VERIFIED IN FIELD BY CONTRACTOR WITH ALL DISCREPANCIES REPORTED TO THE ENGINEER.
7. DO NOT CHANGE SIZE OR SPACING OF STRUCTURAL ELEMENTS.
8. DETAILS SHOWN ARE TYPICAL; SIMILAR DETAILS APPLY TO SIMILAR CONDITIONS UNLESS OTHERWISE NOTED.
9. THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY WHICH SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
10. CONTRACTOR SHALL BRACE STRUCTURES UNTIL ALL STRUCTURAL ELEMENTS NEEDED FOR STABILITY ARE INSTALLED. THESE ELEMENTS ARE AS FOLLOWS: LATERAL BRACING, ANCHOR BOLTS, ETC.
11. CONTRACTOR SHALL DETERMINE EXACT LOCATION OF EXISTING UTILITIES, GROUNDS DRAINS, DRAIN PIPES, VENTS, ETC. BEFORE COMMENCING WORK.
12. INCORRECTLY FABRICATED, DAMAGED, OR OTHERWISE MISFITTING OR NONCONFORMING MATERIALS OR CONDITIONS SHALL BE REPORTED TO THE T-MOBILE REP PRIOR TO REMEDIAL OR CORRECTIVE ACTION. ANY SUCH REMEDIAL ACTION SHALL REQUIRE WRITTEN APPROVAL BY THE T-MOBILE REP PRIOR TO PROCEEDING.
13. EACH CONTRACTOR SHALL COOPERATE WITH THE T-MOBILE REP, AND COORDINATE HIS WORK WITH THE WORK OF OTHERS.
14. CONTRACTOR SHALL REPAIR ANY DAMAGE CAUSED BY CONSTRUCTION OF THIS PROJECT TO MATCH EXISTING PRE-CONSTRUCTION CONDITIONS TO THE SATISFACTION OF THE T-MOBILE CONSTRUCTION MANAGER.
15. ALL CABLE/CONDUIT ENTRY/EXIT PORTS SHALL BE WEATHERPROOFED DURING INSTALLATION USING A SILICONE SEALANT.
16. WHERE EXISTING CONDITIONS DO NOT MATCH THOSE SHOWN IN THIS PLAN SET, CONTRACTOR SHALL NOTIFY THE T-MOBILE REP AND ENGINEER OF RECORD IMMEDIATELY.
17. CONTRACTOR SHALL ENSURE ALL SUBCONTRACTORS ARE PROVIDED WITH A COMPLETE AND CURRENT SET OF DRAWINGS AND SPECIFICATIONS FOR THIS PROJECT.
18. CONTRACTOR SHALL REMOVE ALL RUBBISH AND DEBRIS FROM THE SITE AT THE END OF EACH DAY.
19. CONTRACTOR SHALL COORDINATE WORK SCHEDULE WITH AMERICAN TOWER CORPORATION (ATC) AND TAKE PRECAUTIONS TO MINIMIZE IMPACT AND DISRUPTION OF OTHER OCCUPANTS OF THE FACILITY.
20. CONTRACTOR SHALL FURNISH T-MOBILE AND AMERICAN TOWER CORPORATION (ATC) WITH A PDF MARKED UP AS-BUILT SET OF DRAWINGS UPON COMPLETION OF WORK.
21. PRIOR TO SUBMISSION OF BID, CONTRACTOR SHALL COORDINATE WITH T-MOBILE REP TO DETERMINE WHAT, IF ANY, ITEMS WILL BE PROVIDED. ALL ITEMS NOT PROVIDED SHALL BE PROVIDED AND INSTALLED BY THE CONTRACTOR. CONTRACTOR WILL INSTALL ALL ITEMS PROVIDED.

22. PRIOR TO SUBMISSION OF BID, CONTRACTOR SHALL COORDINATE WITH T-MOBILE REP TO DETERMINE IF ANY PERMITS WILL BE OBTAINED BY CONTRACTOR. ALL REQUIRED PERMITS NOT OBTAINED BY T-MOBILE MUST BE OBTAINED, AND PAID FOR, BY THE CONTRACTOR.
23. CONTRACTOR SHALL INSTALL ALL SITE SIGNAGE IN ACCORDANCE WITH T-MOBILE SPECIFICATIONS AND REQUIREMENTS.
24. CONTRACTOR SHALL SUBMIT ALL SHOP DRAWINGS TO T-MOBILE FOR REVIEW AND APPROVAL PRIOR TO FABRICATION.
25. ALL EQUIPMENT SHALL BE INSTALLED ACCORDING TO MANUFACTURER'S SPECIFICATIONS AND LOCATED ACCORDING TO T-MOBILE SPECIFICATIONS, AND AS SHOWN IN THESE PLANS.
26. THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE PROJECT DESCRIBED HEREIN. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL THE CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES AND FOR COORDINATING ALL PORTIONS OF THE WORK UNDER THE CONTRACT.
27. CONTRACTOR SHALL NOTIFY T-MOBILE REP A MINIMUM OF 48 HOURS IN ADVANCE OF POURING CONCRETE OR BACKFILLING ANY UNDERGROUND UTILITIES, FOUNDATIONS OR SEALING ANY WALL, FLOOR OR ROOF PENETRATIONS FOR ENGINEERING REVIEW AND APPROVAL.
28. CONTRACTOR SHALL BE RESPONSIBLE FOR SITE SAFETY INCLUDING COMPLIANCE WITH ALL APPLICABLE OSHA STANDARDS AND RECOMMENDATIONS AND SHALL PROVIDE ALL NECESSARY SAFETY DEVICES INCLUDING PPE AND PPM AND CONSTRUCTION DEVICES SUCH AS WELDING AND FIRE PREVENTION, TEMPORARY SHORING, SCAFFOLDING, TRENCH BOXES/SLOPING, BARRIERS, ETC.
29. THE CONTRACTOR SHALL PROTECT AT HIS OWN EXPENSE, ALL EXISTING FACILITIES AND SUCH OF HIS NEW WORK LIABLE TO INJURY DURING THE CONSTRUCTION PERIOD. ANY DAMAGE CAUSED BY NEGLIGENCE ON THE PART OF THIS CONTRACTOR OR HIS REPRESENTATIVES, OR BY THE ELEMENTS DUE TO NEGLIGENCE ON THE PART OF THIS CONTRACTOR OR HIS REPRESENTATIVES, EITHER TO THE EXISTING WORK, OR TO HIS WORK OR THE WORK OF ANY OTHER CONTRACTOR, SHALL BE REPAIRED AT HIS EXPENSE TO THE OWNER'S SATISFACTION.
30. ALL WORK SHALL BE INSTALLED IN A FIRST CLASS, NEAT AND WORKMANLIKE MANNER BY MECHANICS SKILLED IN THE TRADE INVOLVED. THE QUALITY OF WORKMANSHIP SHALL BE SUBJECT TO THE APPROVAL OF THE T-MOBILE REP. ANY WORK FOUND BY THE T-MOBILE REP TO BE OF INFERIOR QUALITY AND/OR WORKMANSHIP SHALL BE REPLACED AND/OR REWORKED AT CONTRACTOR EXPENSE UNTIL APPROVAL IS OBTAINED.
31. IN ORDER TO ESTABLISH STANDARDS OF QUALITY AND PERFORMANCE, ALL TYPES OF MATERIALS LISTED HEREINAFTER BY MANUFACTURER'S NAMES AND/OR MANUFACTURER'S CATALOG NUMBER SHALL BE PROVIDED BY THESE MANUFACTURERS AS SPECIFIED.
32. T-MOBILE FURNISHED EQUIPMENT SHALL BE PICKED-UP AT THE T-MOBILE WAREHOUSE, NO LATER THAN 48HR AFTER BEING NOTIFIED INSURED, STORED, UNCRATE, PROTECTED AND INSTALLED BY THE CONTRACTOR WITH ALL APPURTENANCES REQUIRED TO PLACE THE EQUIPMENT IN OPERATION, READY FOR USE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE EQUIPMENT AFTER PICKING IT UP.
33. T-MOBILE OR HIS ARCHITECT/ENGINEER RESERVES THE RIGHT TO REJECT ANY EQUIPMENT OR MATERIALS WHICH, IN HIS OWN OPINION ARE NOT IN COMPLIANCE WITH THE CONTRACT DOCUMENTS, EITHER BEFORE OR AFTER INSTALLATION AND THE EQUIPMENT SHALL BE REPLACED WITH EQUIPMENT CONFORMING TO THE REQUIREMENTS OF THE CONTRACT DOCUMENTS BY THE CONTRACTOR AT NO COST TO T-MOBILE OR THEIR ARCHITECT/ENGINEER.

COAXIAL CABLE (NOT WITHIN BENDS)

SPECIAL CONSTRUCTION

ANTENNA INSTALLATION NOTES:

1. WORK INCLUDED:
 - A. ANTENNA AND COAXIAL CABLES ARE FURNISHED BY T-MOBILE UNDER A SEPARATE CONTRACT. THE CONTRACTOR SHALL ASSIST ANTENNA INSTALLATION CONTRACTOR IN TERMS OF COORDINATION AND SITE ACCESS. ERECTION SUBCONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF PERSONNEL.
 - B. INSTALL ANTENNAS AS INDICATED ON DRAWINGS AND T-MOBILE SPECIFICATIONS.
 - C. INSTALL GALVANIZED STEEL ANTENNA MOUNTS AS INDICATED ON DRAWINGS.
 - D. INSTALL FURNISHED GALVANIZED STEEL OR ALUMINUM WAVEGUIDE.
 - E. CONTRACTOR SHALL PROVIDE FOUR (4) SETS OF SWEEP TESTS USING ANRITZU-PACKARD 8713B RF SCALAR NETWORK ANALYZER. SUBMIT FREQUENCY DOMAIN REFLECTOMETER(FDR) TESTS RESULTS TO THE PROJECT MANAGER. SWEEP TESTS SHALL BE AS PER ATTACHED RFS "MINIMUM FIELD TESTING RECOMMENDED FOR ANTENNA AND HELIAX COAXIAL CABLE SYSTEMS" DATED 10/5/93. TESTING SHALL BE PERFORMED BY AN INDEPENDENT TESTING SERVICE AND BE BOUND AND SUBMITTED WITHIN ONE WEEK OF WORK COMPLETION.
 - F. INSTALL COAXIAL CABLES AND TERMINATING BETWEEN ANTENNAS AND EQUIPMENT PER MANUFACTURER'S RECOMMENDATIONS. WEATHERPROOF ALL CONNECTIONS BETWEEN THE ANTENNA AND EQUIPMENT PER MANUFACTURER'S REQUIREMENTS. TERMINATE ALL COAXIAL CABLE THREE (3) FEET IN EXCESS OF ENTRY PORT LOCATION UNLESS OTHERWISE STATED.
 - G. ANTENNA AND COAXIAL CABLE GROUNDING:
2. ALL EXTERIOR #6 GREEN GROUND WIRE "DAISY CHAIN" CONNECTIONS ARE TO BE WEATHER SEALED WITH RFS CONNECTORS/SPLICE WEATHERPROOFING KIT #221213 OR EQUAL.
3. ALL COAXIAL CABLE GROUNDING KITS ARE TO BE INSTALLED ON STRAIGHT RUNS OF

ALL DISCREPANCIES FROM WHAT IS SHOWN ON THESE CONSTRUCTION DRAWINGS SHALL BE COMMUNICATED TO ATC ENGINEERING IMMEDIATELY FOR CORRECTION OR RE-DESIGN. FAILURE TO COMMUNICATE DIRECTLY WITH ATC ENGINEERING OR ANY CHANGES FROM THE DESIGN CONDUCTED WITHOUT PRIOR APPROVAL FROM ATC ENGINEERING SHALL BE THE SOLE RESPONSIBILITY OF THE GENERAL CONTRACTOR.



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 COA: PEC.0001553

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REV.	DESCRIPTION	BY	DATE
0	FOR CONSTRUCTION	AT	06/06/22

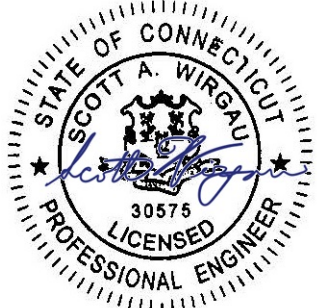
ATC SITE NUMBER:
88014

ATC SITE NAME:
NEW FAIRFIELD

T-MOBILE SITE NAME:
NEW FAIRFIELD (AT&T)

SITE ADDRESS:
 22 TITICUS MTN ROAD
 NEW FAIRFIELD, CT 06812

SEAL:



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DATE DRAWN:	06/06/22
ATC JOB NO:	13934709_G3
CUSTOMER ID:	NEW FAIRFIELD (AT&T)
CUSTOMER #:	CT11106A

GENERAL NOTES

SHEET NUMBER: G-002	REVISION: 0
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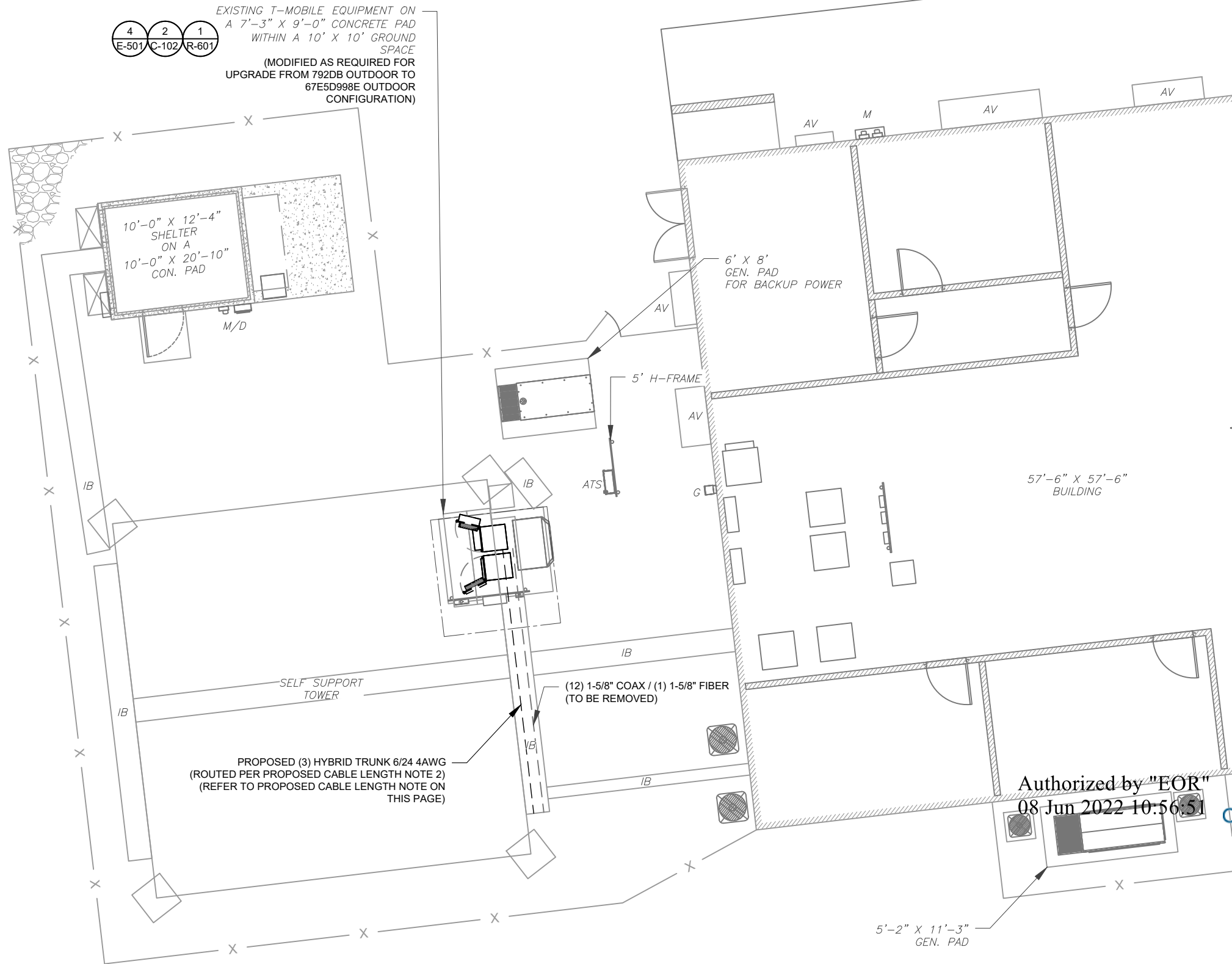
SITE PLAN NOTES:

- THIS SITE PLAN REPRESENTS THE BEST PRESENT KNOWLEDGE AVAILABLE TO THE ENGINEER AT THE TIME OF THIS DESIGN. THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO CONSTRUCTION AND VERIFY ALL EXISTING CONDITIONS RELATED TO THE SCOPE OF WORK FOR THIS PROJECT.
- ICE BRIDGE, CABLE LADDER, COAX PORT, AND COAX CABLE ARE SHOWN FOR REFERENCE ONLY. CONTRACTOR SHALL CONFIRM THE EXACT LOCATION OF ALL PROPOSED AND EXISTING EQUIPMENT AND STRUCTURES DEPICTED ON THIS PLAN. BEFORE UTILIZING EXISTING CABLE SUPPORTS, COAX PORTS, INSTALLING NEW PORTS OR ANY OTHER EQUIPMENT, CONTRACTOR SHALL VERIFY ALL ASPECTS OF THE COMPONENTS MEET THE ATC SPECIFICATIONS.
- NO ELECTRICAL SCOPE IS INCLUDED IN THIS PROJECT.

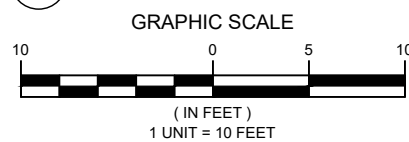
LEGEND	
⊗	GROUNDING TEST WELL
ATS	AUTOMATIC TRANSFER SWITCH
B	BOLLARD
CSC	CELL SITE CABINET
D	DISCONNECT
E	ELECTRICAL
F	FIBER
GEN	GENERATOR
G	GENERATOR RECEPTACAL
HH, V	HAND HOLE, VAULT
IB	ICE BRIDGE
K	KENTROX BOX
LC	LIGHTING CONTROL
M	METER
PB	PULL BOX
PP	POWER POLE
T	TELCO
TRN	TRANSFORMER
—	CHAINLINK FENCE

PROPOSED CABLE LENGTH:

- ESTIMATED LENGTH OF PROPOSED CABLE IS 248'. ESTIMATED LENGTH OF CABLE WAS PROVIDED BY CUSTOMER OR CALCULATED BY ADDING THE RAD CENTER AND THE DISTANCE FROM THE SHELTER ENTRY PLATE TO THE TOWER (ALONG THE ICE BRIDGE) AND A SAFETY FACTOR MEASUREMENT OF 15% (OF THE TWO PREVIOUS VALUES). CDS DEFER TO GREATEST CABLE LENGTH.
- ROUTE PROPOSED CABLES ALONG SAME PATH AS EXISTING CABLES AND IN ACCORDANCE WITH STRUCTURAL ANALYSIS. WHERE POSSIBLE UTILIZE EXISTING CABLE SUPPORT STRUCTURES AS PROVIDED FOR CARRIER TO ADEQUATELY SECURE CABLES, USING EITHER APPROPRIATELY SIZED STAINLESS STEEL SNAP-INS OR MOUNTING HARDWARE AND BRACKETS AS SPECIFIED BY CABLE MANUFACTURER. OTHERWISE, ATTACH CABLES TO HORIZONTAL OR DIAGONAL TOWER MEMBERS USING PROPOSED STAINLESS STEEL ADAPTERS (DO NOT ATTACH TO TOWER LEG).



1 DETAILED SITE PLAN




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ATC SITE NUMBER:
88014

ATC SITE NAME:
NEW FAIRFIELD

T-MOBILE SITE NAME:
NEW FAIRFIELD (AT&T)

SITE ADDRESS:
22 TITICUS MTN ROAD
NEW FAIRFIELD, CT 06812

SEAL:



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DATE DRAWN:	06/06/22
ATC JOB NO:	13934709_G3
CUSTOMER ID:	NEW FAIRFIELD (AT&T)
CUSTOMER #:	CT11106A

DETAILED SITE PLAN

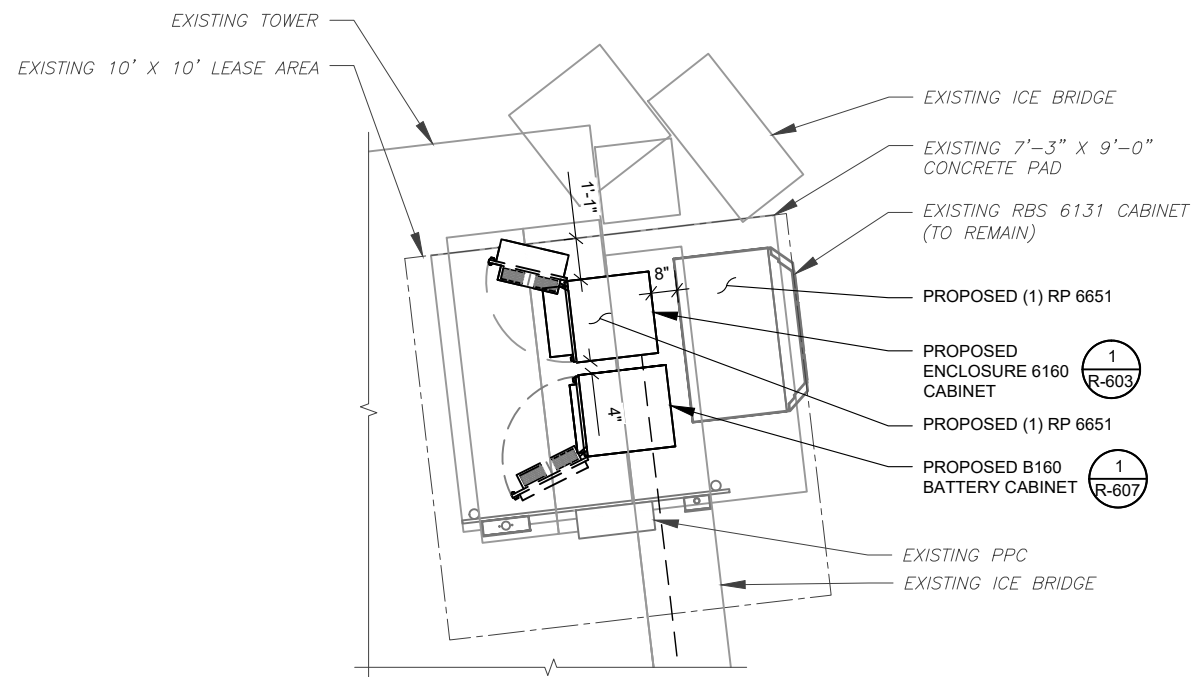
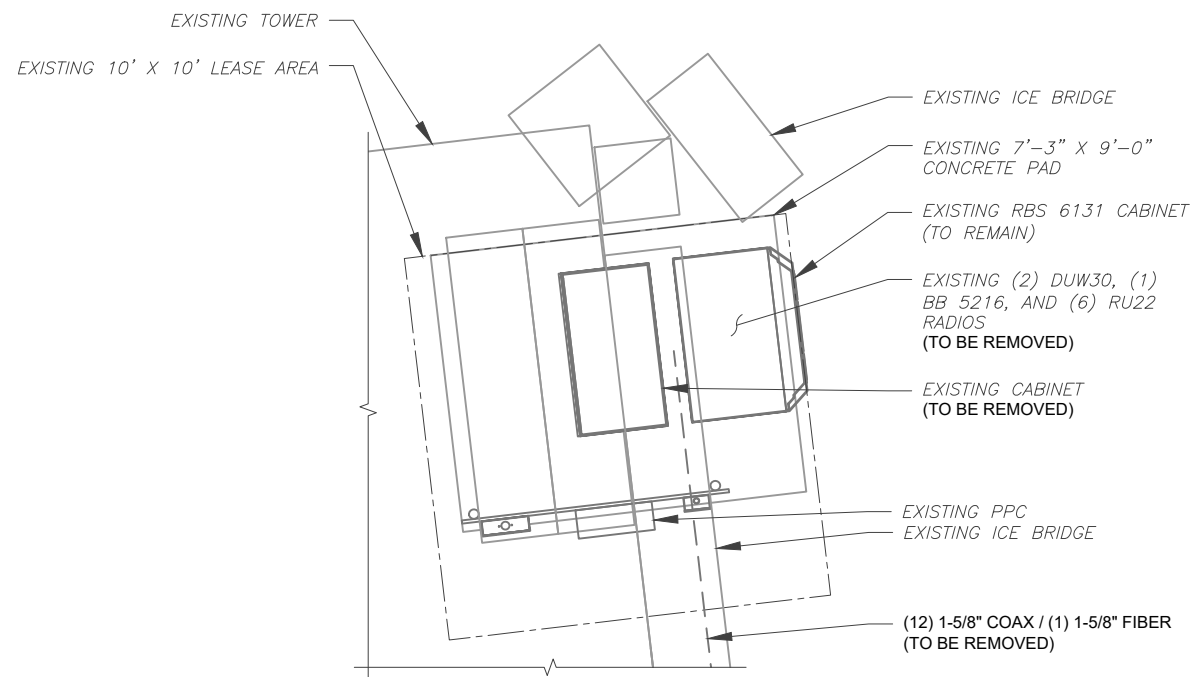
SHEET NUMBER: C-101	REVISION: 0
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SITE PLAN NOTES:

1. CONTRACTOR TO VERIFY THERE IS NO LIVE AAV FIBER RUNNING THROUGH EXISTING DEAD EQUIPMENT. IF SO, THIS WILL NEED TO BE RERUN THROUGH CONDUIT PRIOR TO REMOVING DEAD 2G (6201 CABS) EQUIPMENT.
2. ALL OPEN PORTS NEED TO BE SEALED / WEATHERPROOFED PROPERLY
3. ALL UNNEEDED / EXCESS EQUIPMENT AND GARBAGE TO BE REMOVED FROM EQUIPMENT AREA. DISPOSE OF MATERIALS PROPERLY OFF SITE.

T-MOBILE CM APPROVAL REQUIRED BEFORE INSTALLING CABINETS.



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NEW FAIRFIELD, CT 06812

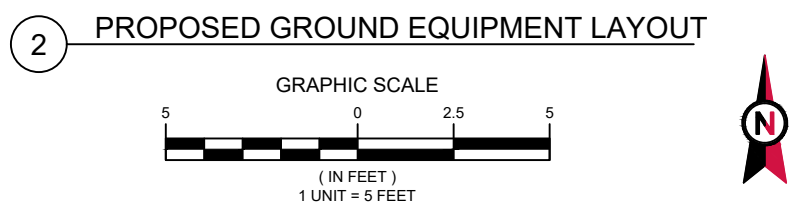
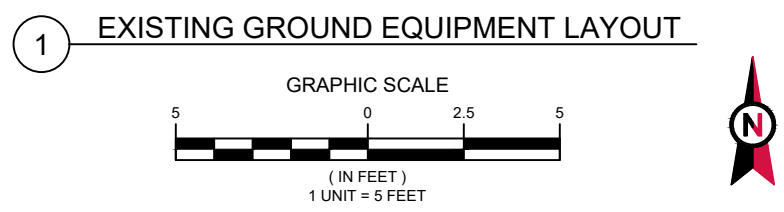


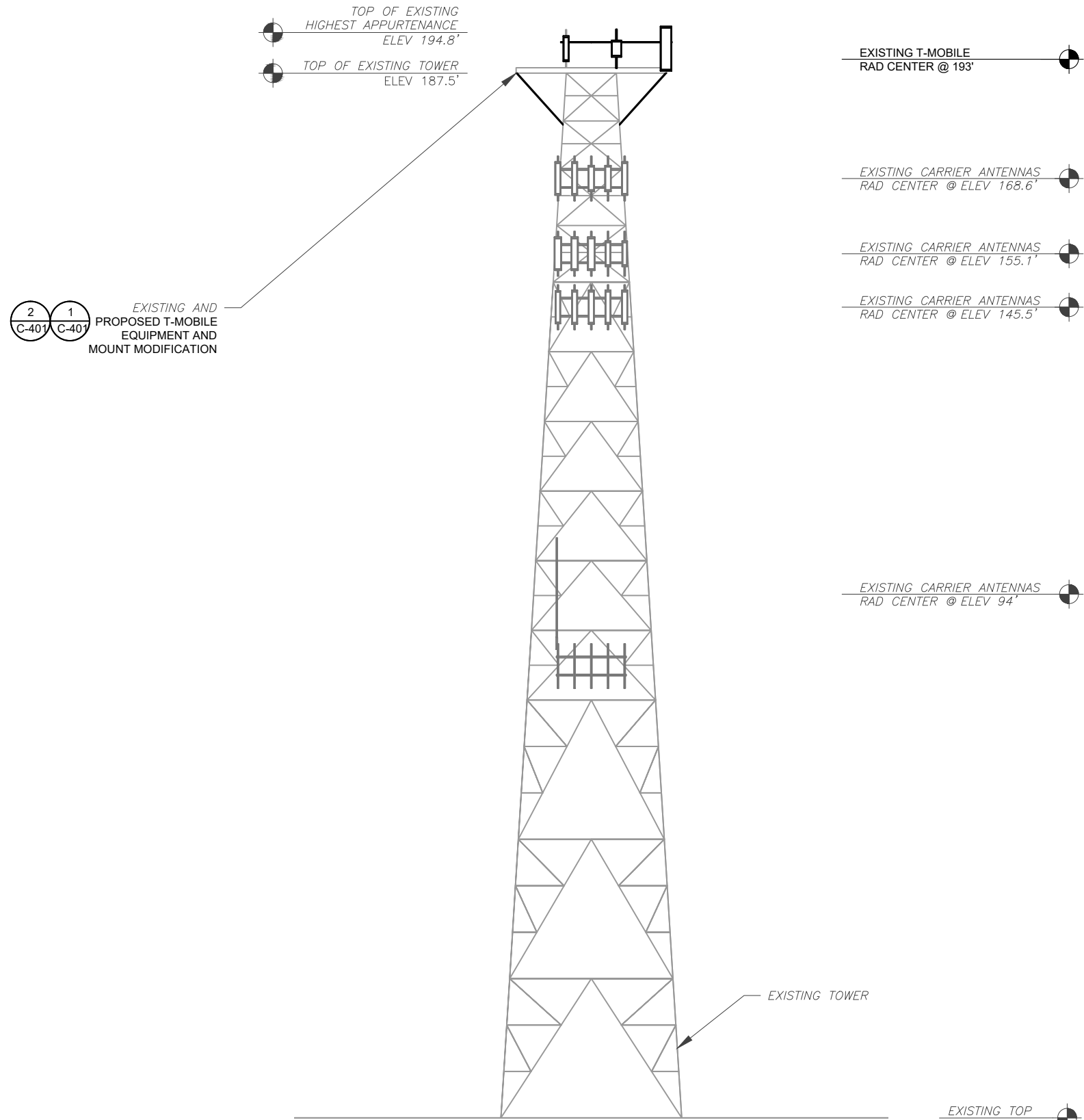
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CUSTOMER ID:	NEW FAIRFIELD (AT&T)
CUSTOMER #:	CT11106A

DETAILED EQUIPMENT PLAN

SHEET NUMBER:
C-102

REVISION:
0





PER MOUNT ANALYSIS COMPLETED BY POWER OF DESIGN, DATED 06/01/22, THE EXISTING MOUNT CAN NOT ADEQUATELY SUPPORT THE PROPOSED LOADING. A MOUNT MODIFICATION DESIGN SHALL BE COMPLETED AND MODIFICATION MUST BE INSTALLED PRIOR TO THE INSTALLATION OF THE PROPOSED ANTENNAS AND OTHER EQUIPMENT.

1 TOWER ELEVATION
SCALE: N.T.S.

- TOWER NOTE:**
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONFIRM WITH THE PROJECT MANAGER THAT THEY HAVE THE MOST RECENT VERSION OF THE STRUCTURAL ANALYSIS BEFORE COMMENCING WORK. EXISTING AND PROPOSED TOWER APPURTENANCES, MOUNTS, AND ANTENNAS ARE SHOWN BASED ON THE STRUCTURAL ANALYSIS.
 - WHERE APPLICABLE, ALL NEW ANTENNAS, EQUIPMENT, MOUNTS, CABLING, ETC. SHALL BE PAINTED/SOCKED TO MATCH EXISTING EQUIPMENT IN ACCORDANCE WITH FAA, JURISDICTION, AND/OR OTHER LOCAL REQUIREMENTS.
 - ROUTE PROPOSED CABLES ALONG SAME PATH AS EXISTING CABLES AND IN ACCORDANCE WITH STRUCTURAL ANALYSIS. WHERE POSSIBLE UTILIZE EXISTING CABLE SUPPORT STRUCTURES AS PROVIDED FOR CARRIER TO ADEQUATELY SECURE CABLES, USING EITHER APPROPRIATELY SIZED STAINLESS STEEL SNAP-INS OR MOUNTING HARDWARE AND BRACKETS AS SPECIFIED BY CABLE MANUFACTURER. OTHERWISE, ATTACH CABLES TO HORIZONTAL OR DIAGONAL TOWER MEMBERS USING PROPOSED STAINLESS STEEL ADAPTERS (DO NOT ATTACH TO TOWER LEG).
 - TOWER ELEVATIONS ARE MEASURED FROM TOP OF BASE PLATE TO MATCH STRUCTURAL ANALYSIS. ELEVATIONS DO NOT REFLECT TRUE ABOVE GROUND LEVEL (A.G.L.).
 - TOWER ELEVATION DEPICTION MAY NOT REFLECT ALL EQUIPMENT INCLUDED IN STRUCTURAL ANALYSIS. REFER TO STRUCTURAL ANALYSIS FOR FULL TOWER LOADING.



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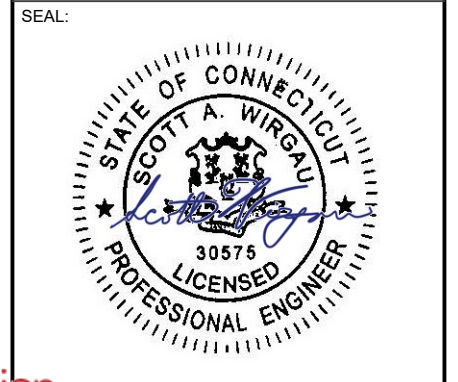

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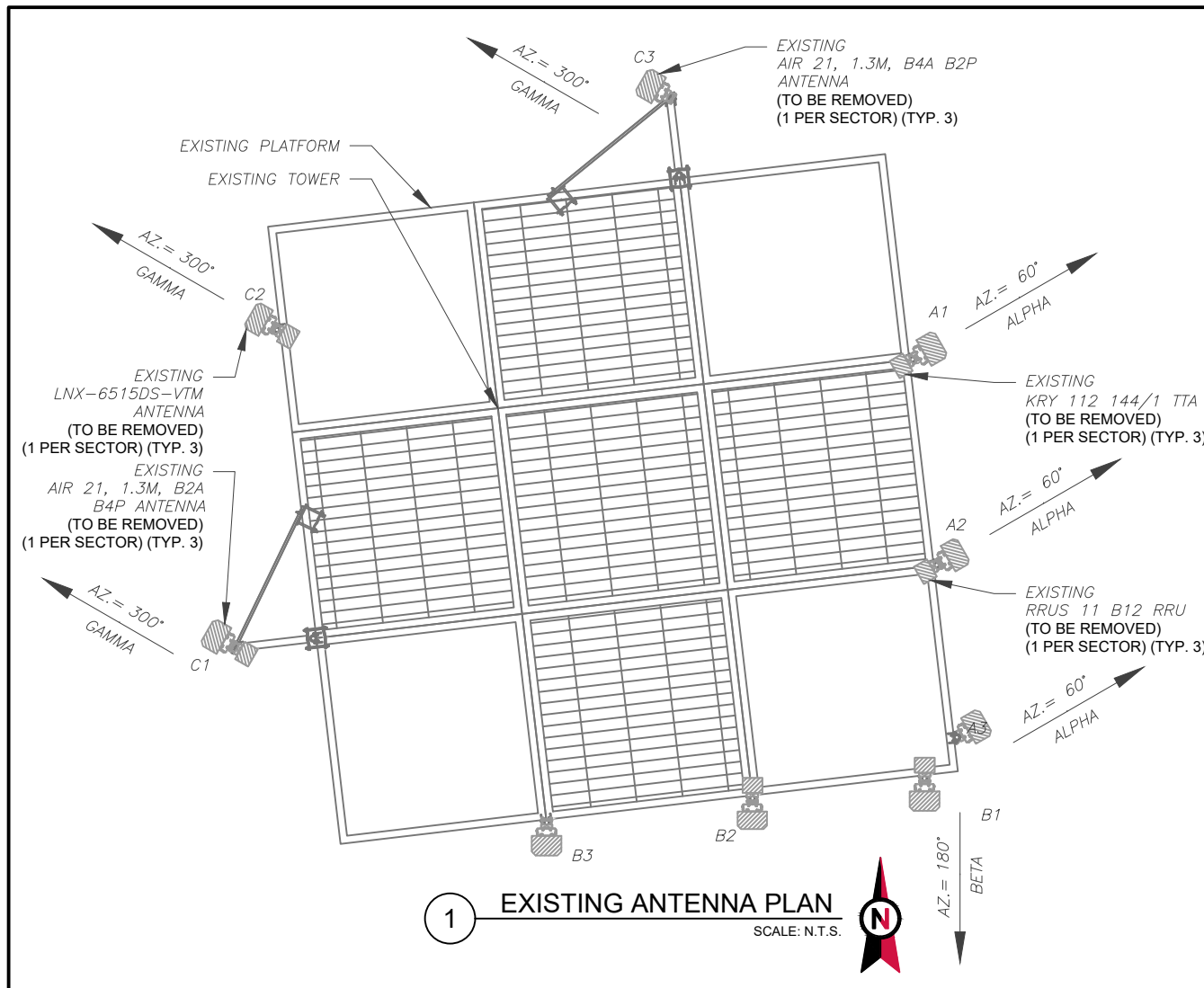
T-MOBILE SITE NAME:
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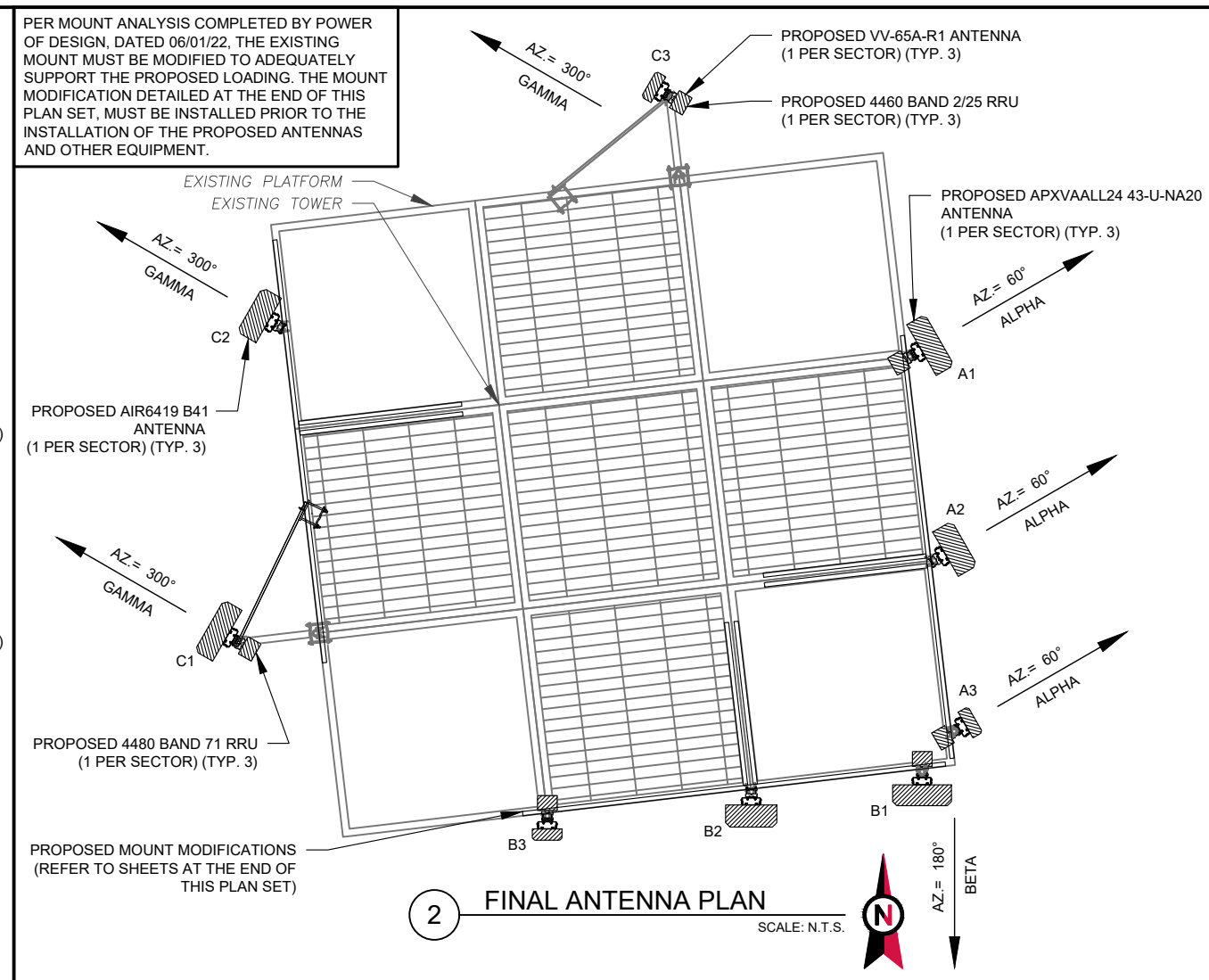



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ATC JOB NO:	13934709_G3
CUSTOMER ID:	NEW FAIRFIELD (AT&T)
CUSTOMER #:	CT11106A

TOWER ELEVATION	
SHEET NUMBER: C-201	REVISION: 0



1 EXISTING ANTENNA PLAN
SCALE: N.T.S.



2 FINAL ANTENNA PLAN
SCALE: N.T.S.

EXISTING ANTENNA SCHEDULE									
LOCATION		ANTENNA SUMMARY					NON ANTENNA SUMMARY		
SECTOR	RAD	AZ	POS	ANTENNA	BAND	MECH/ELEC D-TILT	STATUS	ADDITIONAL TOWER MOUNTED EQUIPMENT	STATUS
ALPHA	193'	60°	A1	AIR 21, 1.3M, B2A B4P	U2100/L1900/G1900	0°/2°	RMV	KRY 112 144/1	RMV
			A2	LN-6515DS-VTM	L700	0°/2°	RMV	RRUS 11 B12	RMV
			A3	AIR 21, 1.3 M, B4A B2P	L2100	0°/2°	RMV	-	-
BETA	193'	180°	B1	AIR 21, 1.3M, B2A B4P	U2100/L1900/G1900	0°/2°	RMV	KRY 112 144/1	RMV
			B2	LN-6515DS-VTM	L700	0°/2°	RMV	RRUS 11 B12	RMV
			B3	AIR 21, 1.3 M, B4A B2P	L2100	0°/2°	RMV	-	-
GAMMA	193'	300°	C1	AIR 21, 1.3M, B2A B4P	U2100/L1900/G1900	0°/2°	RMV	KRY 112 144/1	RMV
			C2	LN-6515DS-VTM	L700	0°/2°	RMV	RRUS 11 B12	RMV
			C3	AIR 21, 1.3 M, B4A B2P	L2100	0°/2°	RMV	-	-

NOTES

- CONFIRM WITH T-MOBILE REP FOR APPLICABLE UPDATES/REVISIONS AND MOST RECENT RFDS FOR NSN CONFIGURATION (CONFIG). GC TO CAP ALL UNUSED PORTS.
- CONFIRM SPACING OF PROPOSED EQUIP DOES NOT CAUSE TOWER CONFLICTS NOR IMPEDE TOWER CLIMBING PEGS.

STATUS ABBREVIATIONS

RMV: TO BE REMOVED
RMN: TO REMAIN
REL: TO BE RELOCATED
ADD: TO BE ADDED

FINAL ANTENNA SCHEDULE									
LOCATION		ANTENNA SUMMARY					NON ANTENNA SUMMARY		
SECTOR	RAD	AZ	POS	ANTENNA	BAND	MECH/ELEC D-TILT	STATUS	ADDITIONAL TOWER MOUNTED EQUIPMENT	STATUS
ALPHA	193'	60°	A1	APXVAALL24 43-U-NA20	L700/L600/N600	0°/2°	ADD	4480 BAND 71	ADD
			A2	AIR6419 B41	L2500/N2500	0°/2°	ADD	-	-
			A3	VV-65A-R1	U2100/L2100/L1900/G1900	0°/2°	ADD	4460 BAND 2/25	ADD
BETA	193'	180°	B1	APXVAALL24 43-U-NA20	L700/L600/N600	0°/2°	ADD	4480 BAND 71	ADD
			B2	AIR6419 B41	L2500/N2500	0°/2°	ADD	-	-
			B3	VV-65A-R1	U2100/L2100/L1900/G1900	0°/2°	ADD	4460 BAND 2/25	ADD
GAMMA	193'	300°	C1	APXVAALL24 43-U-NA20	L700/L600/N600	0°/2°	ADD	4480 BAND 71	ADD
			C2	AIR6419 B41	L2500/N2500	0°/2°	ADD	-	-
			C3	VV-65A-R1	U2100/L2100/L1900/G1900	0°/2°	ADD	4460 BAND 2/25	ADD

CABLE LENGTHS FOR JUMPERS

JUNCTION BOX TO RRU: 15'
RRU TO ANTENNA: 10'

EXISTING FIBER DISTRIBUTION/OVP BOX		EXISTING CABLING SUMMARY	
MODEL NUMBER	STATUS	CABLE QTY, SIZE, TYPE	STATUS
-	RMN	----	RMN
-	RMV	(12) 1-5/8" COAX / (1) 1-5/8" FIBER	RMV

3 EQUIPMENT SCHEDULES

FINAL FIBER DISTRIBUTION / OVP BOX		FINAL CABLING SUMMARY	
MODEL NUMBER	STATUS	CABLE QTY, SIZE, TYPE	STATUS
-	RMN	----	RMN
-	RMV	(3) HYBRID TRUNK 6/24 4AWG	ADD

AMERICAN TOWER®
A.T. ENGINEERING SERVICE, PLLC
3500 REGENCY PARKWAY
SUITE 100
CARY, NC 27518
PHONE: (919) 468-0112
COA: PEC.0001553

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REV.	DESCRIPTION	BY	DATE
0	FOR CONSTRUCTION	AT	06/06/22

ATC SITE NUMBER:
88014

ATC SITE NAME:
NEW FAIRFIELD

T-MOBILE SITE NAME:
NEW FAIRFIELD (AT&T)

SITE ADDRESS:
22 TITICUS MTN ROAD
NEW FAIRFIELD, CT 06812

SEAL:

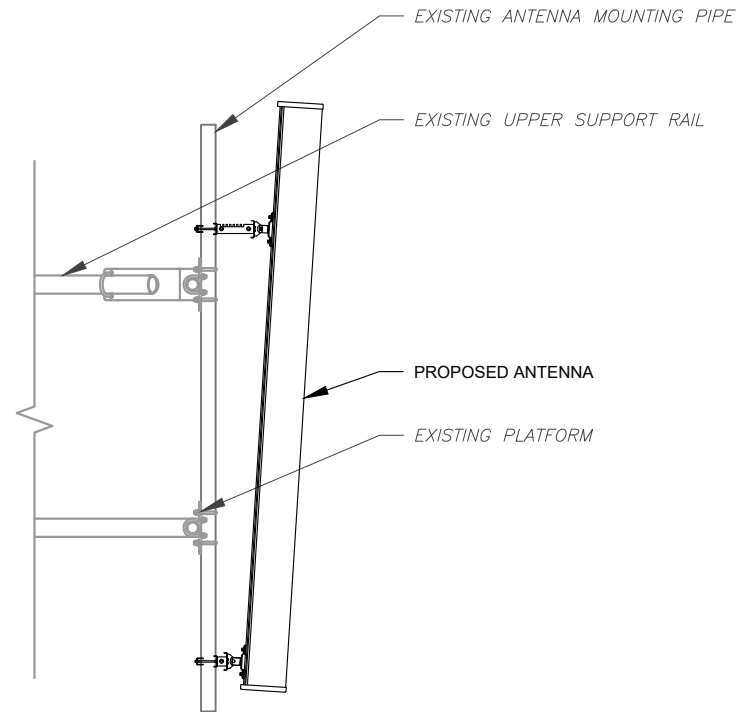
Authorized by "EOR"
08 Jun 2022 10:56:51

DATE DRAWN: 06/06/22
ATC JOB NO: 13934709_G3
CUSTOMER ID: NEW FAIRFIELD (AT&T)
CUSTOMER #: CT11106A

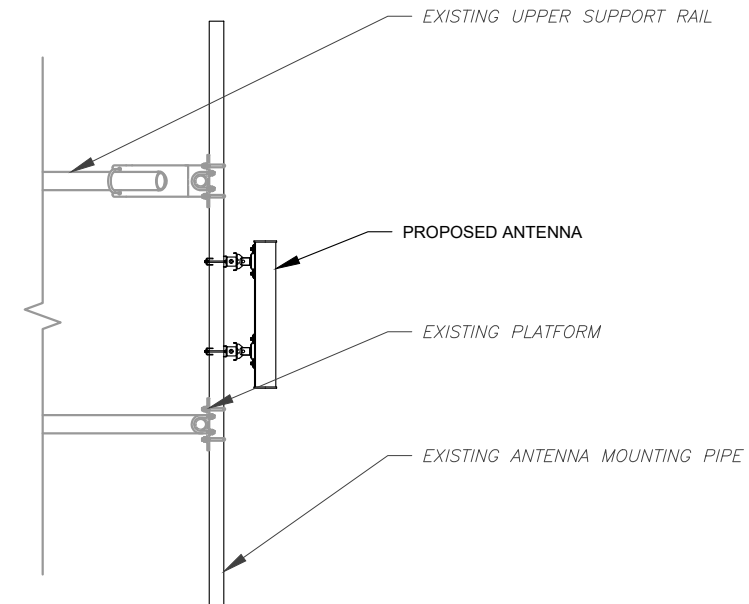
ANTENNA INFORMATION & SCHEDULE

SHEET NUMBER:
C-401

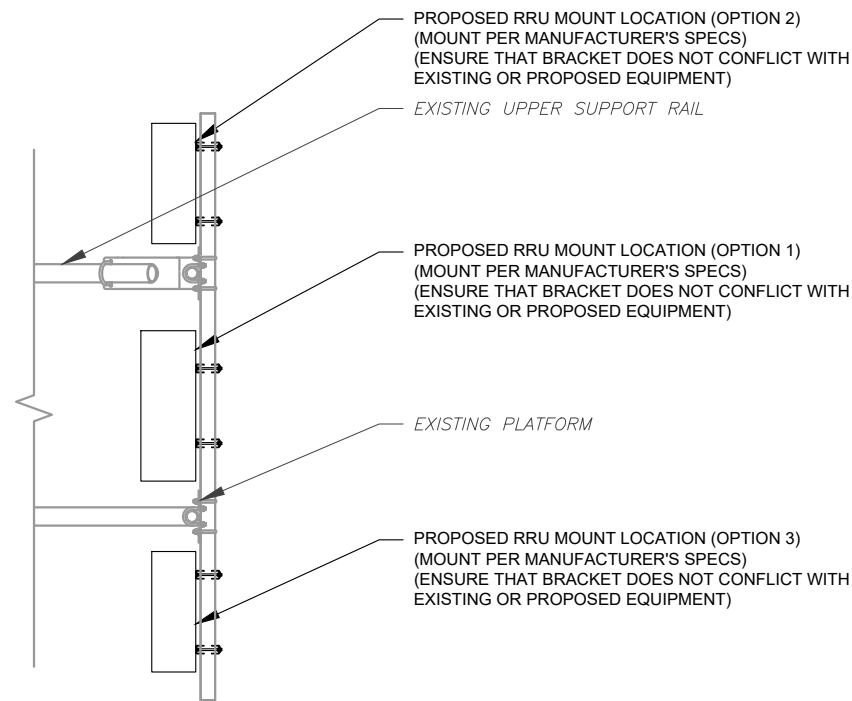
REVISION:
0



1 PROPOSED ANTENNA MOUNTING DETAIL - TYPICAL
SCALE: NOT TO SCALE



2 PROPOSED 5G ANTENNA MOUNTING DETAIL - TYPICAL
SCALE: N.T.S.



3 PROPOSED RRU MOUNTING DETAIL - TYPICAL
SCALE: N.T.S.

Authorized by "EOR"
08 Jun 2022 10:56:51 cosign

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REV.	DESCRIPTION	BY	DATE
0	FOR CONSTRUCTION	AT	06/06/22

ATC SITE NUMBER:
88014

ATC SITE NAME:
NEW FAIRFIELD

T-MOBILE SITE NAME:
NEW FAIRFIELD (AT&T)

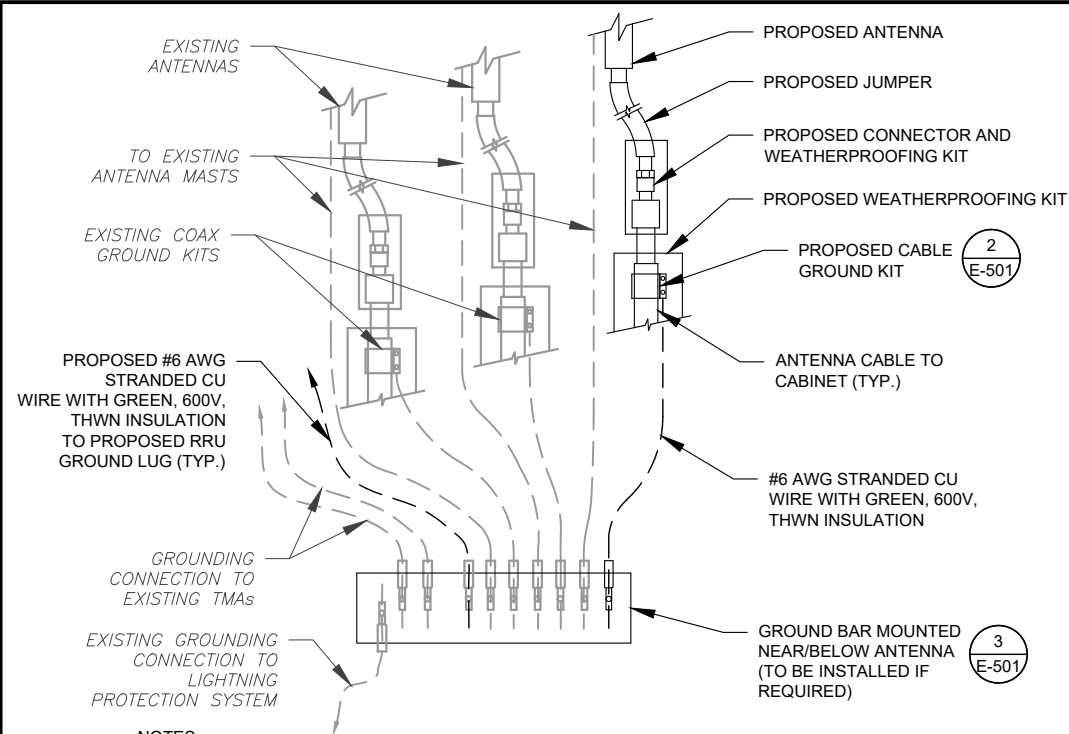
SITE ADDRESS:
22 TITICUS MTN ROAD
NEW FAIRFIELD, CT 06812



DATE DRAWN:	06/06/22
ATC JOB NO:	13934709_G3
CUSTOMER ID:	NEW FAIRFIELD (AT&T)
CUSTOMER #:	CT11106A

**CONSTRUCTION
DETAILS**

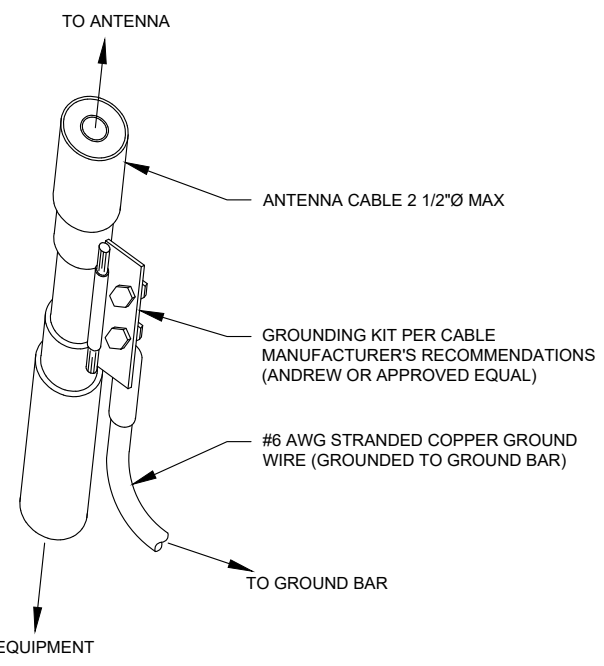
SHEET NUMBER:	REVISION:
C-501	0



NOTES:

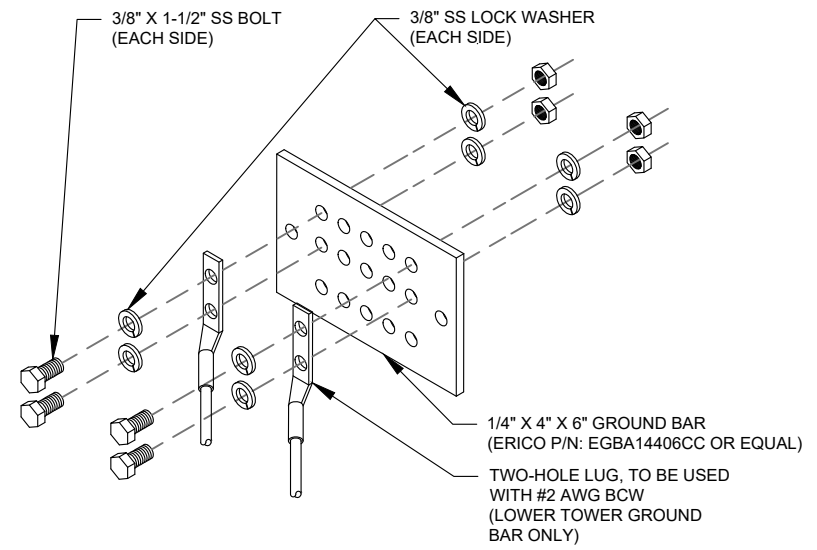
1. THIS DETAIL IS INTENDED TO SHOW THE GENERAL GROUNDING REQUIREMENTS. SLIGHT ADJUSTMENTS MAY BE REQUIRED BASED ON EXISTING SITE CONDITIONS. THE CONTRACTOR SHALL MAKE FIELD ADJUSTMENTS AS NEEDED AND INFORM THE CONSTRUCTION MANAGER OF ANY CONFLICTS.
2. SITE GROUNDING SHALL COMPLY WITH T-MOBILE GROUNDING STANDARDS, LATEST EDITION, AND COMPLY WITH T-MOBILE GROUNDING CHECKLIST, LATEST VERSION. WHEN NATIONAL AND LOCAL GROUNDING CODES ARE MORE STRINGENT THEY SHALL GOVERN.

1 TYPICAL ANTENNA GROUNDING DIAGRAM
SCALE: N.T.S.



- GROUND KIT NOTES:**
1. DO NOT INSTALL CABLE GROUND KIT AT A BEND AND ALWAYS DIRECT GROUND WIRE DOWN TO GROUND BAR.
 2. CONTRACTOR SHALL PROVIDE WEATHERPROOFING KIT (ANDREW PART NUMBER 221213) AND INSTALL/TAPE PER MANUFACTURER'S SPECIFICATIONS.

2 CABLE GROUND KIT CONNECTION DETAIL
SCALE: N.T.S.



- GROUND BAR NOTES:**
1. GROUND BAR KITS COME WITH ALL HARDWARE, NUTS, BOLTS, WASHERS, ETC. EXCEPT THE STRUCTURAL MOUNTING MEMBER(S).
 2. GROUND BAR TO BE BONDED DIRECTLY TO TOWER.

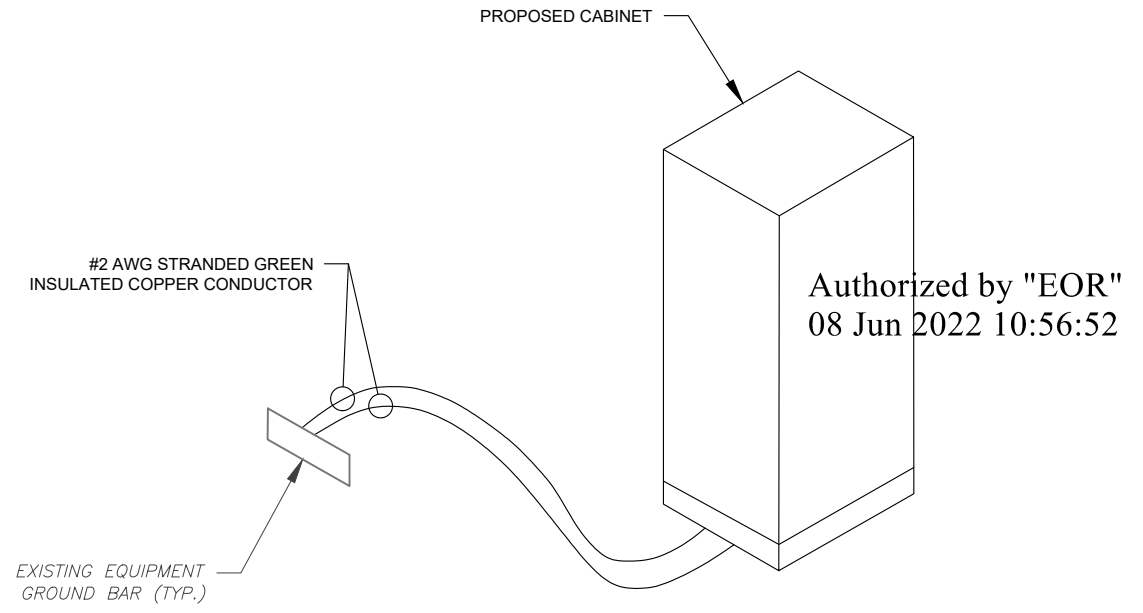
3 TOWER GROUND BAR DETAIL
SCALE: N.T.S.

ELECTRICAL NOTES:

1. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE WITH THE T-MOBILE REPRESENTATIVE AND LOCAL UTILITY COMPANY FOR THE INSTALLATION OF CONDUITS, CONDUCTORS, BREAKERS, DISCONNECTS, OR ANY OTHER EQUIPMENT REQUIRED FOR ELECTRICAL SERVICE. ALL ELECTRICAL WORK SHALL BE PERFORMED IN ACCORDANCE WITH LATEST EDITION OF THE STATE AND NATIONAL CODES, ORDINANCES AND REGULATIONS APPLICABLE TO THIS PROJECT.
2. ATC HAS NOT VERIFIED ANY EXISTING T-MOBILE GROUND EQUIPMENT OR ELECTRICAL LOADING. PROPOSED WORK BASED ON INSTALLATION CONFIGURATION PROVIDED BY T-MOBILE. CONTRACTOR TO VERIFY EXISTING T-MOBILE PANEL HAS SUFFICIENT SPACE FOR PROPOSED BREAKER. PROPOSED CABLE AND CONDUIT SHALL BE MINIMUM SIZE PER BELOW IN CHART.
3. FOR SPECIFIC CABINET / ANCILLARY EQUIPMENT WIRING REQUIREMENTS, THE T-MOBILE CONTRACTOR SHOULD REFERENCE DESIGN DOCUMENTS PROVIDED BY T-MOBILE FOR THIS CURRENT PROJECT CONFIGURATION, IN ACCORDANCE WITH LOCAL JURISDICTION REQUIREMENTS & NEC STANDARDS & PRACTICES.

OCPD SIZE	WIRE SIZE	GROUND SIZE	CONDUIT SIZE
80A/2P	2#3 AWG	#8 AWG	1-1/4"
100/2P	2#2 AWG	#8 AWG	1-1/4"
125A/2P	2#1 AWG	#8 AWG	1-1/2"
150A/2P	2#1/0 AWG	#8 AWG	1-1/2"

4 ELECTRICAL NOTES



5 CABINET GROUNDING DETAIL
SCALE: N.T.S.

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REV.	DESCRIPTION	BY	DATE
0	FOR CONSTRUCTION	AT	06/06/22

ATC SITE NUMBER:
88014

ATC SITE NAME:
NEW FAIRFIELD

T-MOBILE SITE NAME:
NEW FAIRFIELD (AT&T)

SITE ADDRESS:
22 TITICUS MTN ROAD
NEW FAIRFIELD, CT 06812

SEAL:

Authorized by "EOR"
08 Jun 2022 10:56:52

DATE DRAWN:	06/06/22
ATC JOB NO:	13934709_G3
CUSTOMER ID:	NEW FAIRFIELD (AT&T)
CUSTOMER #:	CT11106A

GROUNDING DETAILS

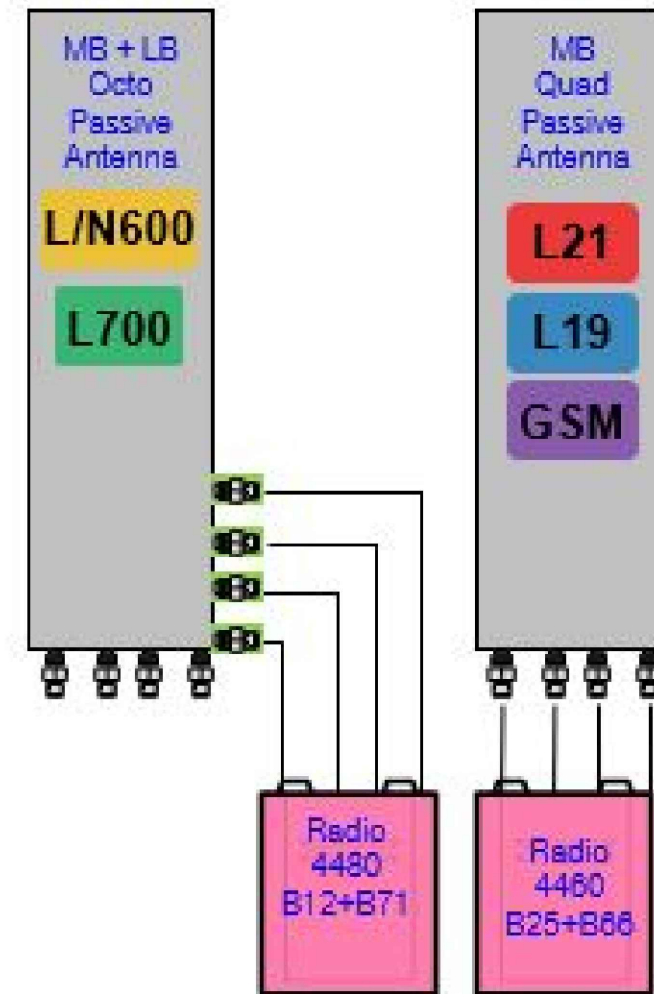
SHEET NUMBER: E-501	REVISION: 0
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Proposed RAN Equipment				
Template: 67E5D998E Outdoor				
Enclosure	1	2	3	4
Enclosure Type	RBS 6131	Ancillary Equipment (Ericsson)	Enclosure 6160 AC V1	B160
Baseband	DUG20 G1900 RP 6651 L700 L800 N800 L2100 L1900		RP 6651 L2500 N2500	
Hybrid Cable System		PSU 4813 vR4A (Kit) (x 2) Ericsson Hybrid Trunk 6/24 4AWG 100m (x 3)		
Multiplexer	XMU			
Transport System			CSR IXRe V2 (Gen2)	

1 CABINET CONFIGURATION

67E5A998E.JPG



2 ANTENNA CONFIGURATION

SUPPLEMENTAL

SHEET NUMBER: R-601
REVISION: 0

NOTE: THIS SHEET CREATED BY OTHERS AND PROVIDED BY REQUEST OF CUSTOMER WITHOUT EDIT.

STANDARD CONDUIT USE TABLE

CONDUIT TYPE	USE CASE	LOCATION	USE CASE EXAMPLE
RMC (METALLIC)	AC, DC COMM	ABOVE GROUND	ABOVE GROUND PPC TO SSC
PVC	AC POWER	UNDERGROUND	UNDERGROUND PPC TO SSC OR BACKHAUL TRANSPORT HUB TO SSC
LFMC	AC, DC, COMM	MAX 6' PER CONDUIT RUN, ABOVE GROUND ONLY	TIGHT LOCATIONS BETWEEN HUB AND CONDUIT BUT NOT TO BE USED WHERE IT CAN BE STEPPED ON
EMT	INDOOR AC, DC COMM	INDOOR NOT EXPOSED TO THE OUTDOOR ENVIRONMENT (MUST BE DRY)	CIRCUIT PANEL TO JUNCTION BOX
LFNC	GROUND WIRE	CONCEALING AND PROTECTING BTCW RISERS ONLY	GROUND RING TO MGB OR SSC

EXCEPTION CONDUIT USE TABLE

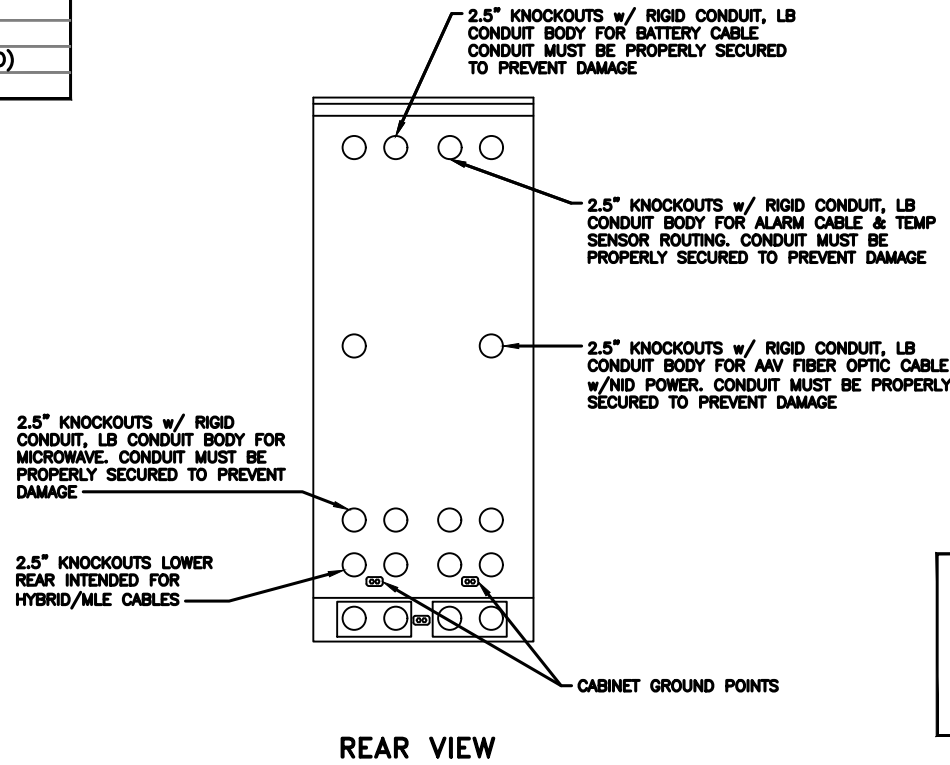
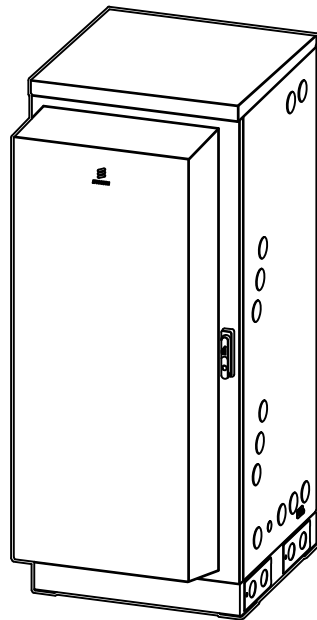
CONDUIT TYPE	USE CASE	LOCATION	USE CASE EXAMPLE
EMT (NOT PREFERRED)	OUTDOOR DC, COMM	OUTDOOR WHEN USED WITH WATERTIGHT HUBS ONLY	BETWEEN EQUIPMENT AND BATTERY CABINET OR EQUIPMENT TO EQUIPMENT CABINETS FOR INTER CABINET CONNECTION
RMC NONMETALLIC (ALUMINUM)	OUTDOOR/INDOOR PER NEC GUIDLINES	ABOVE GROUND	MAT BE USED AS A LOWER COST ALTERNATIVE TO METALLIC RMC, MUST MEET OR EXCEED FEDERAL SPEC: WW-C-540C, UL-6A, ANSI C80.5, NEC 344.10 (A) ALLOWS THE USE OF EITHER ALUMINUM OR GALVANIZED FITTINGS

NOTE: THIS SHEET CREATED BY OTHERS AND PROVIDED BY REQUEST OF CUSTOMER WITHOUT EDIT.

SUPPLEMENTAL

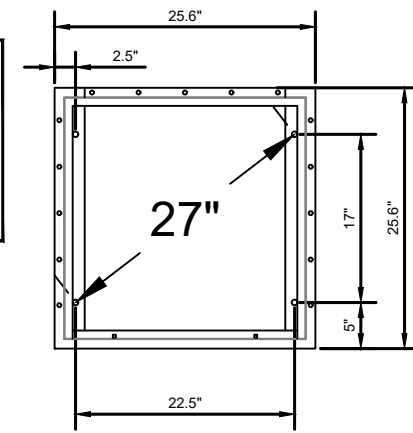
SHEET NUMBER: R-602	REVISION: 0
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MANUFACTURER:	ERICSSON
MODEL:	6160 SITE SUPPORT CABINET
DIMENSIONS:	63" x 25.6" x 33.6" (H x W x D)
WEIGHT:	373 LBS



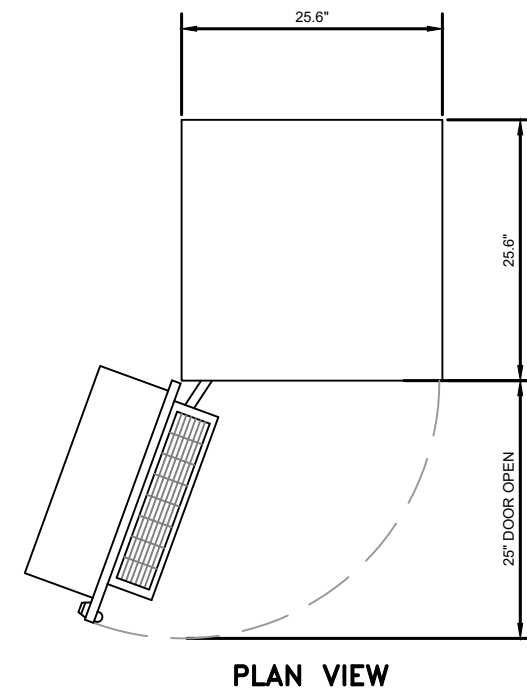
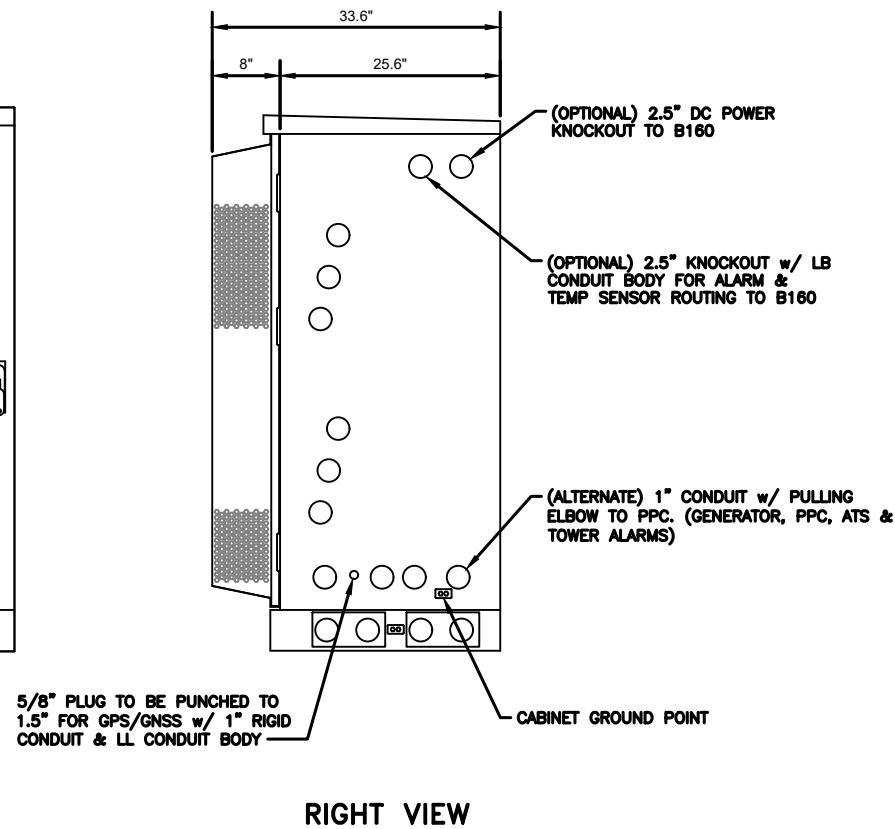
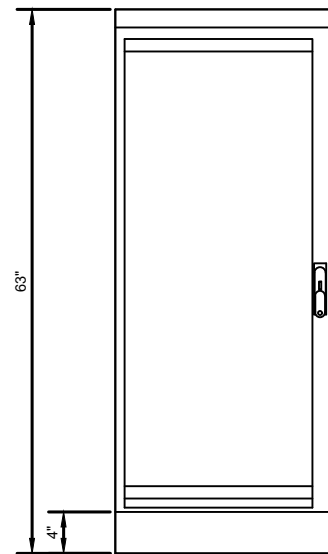
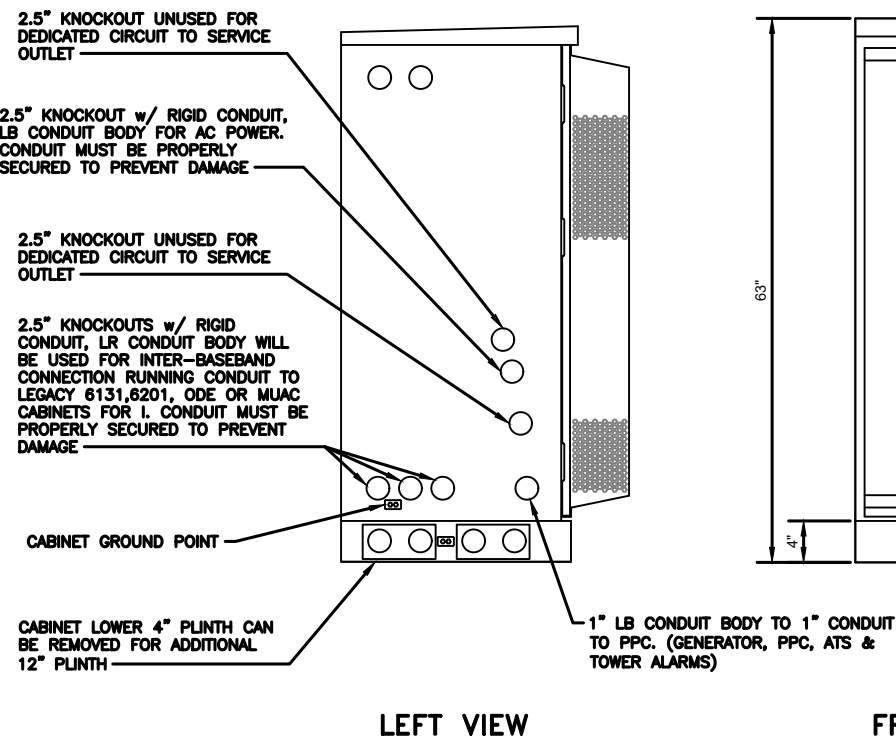
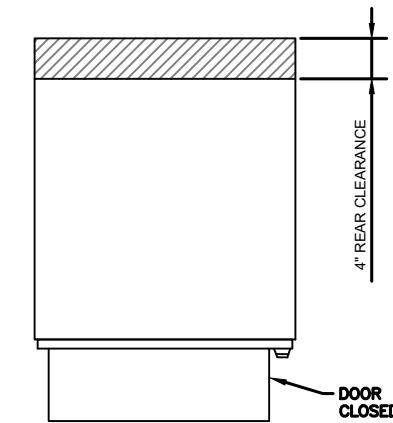
NOTE:

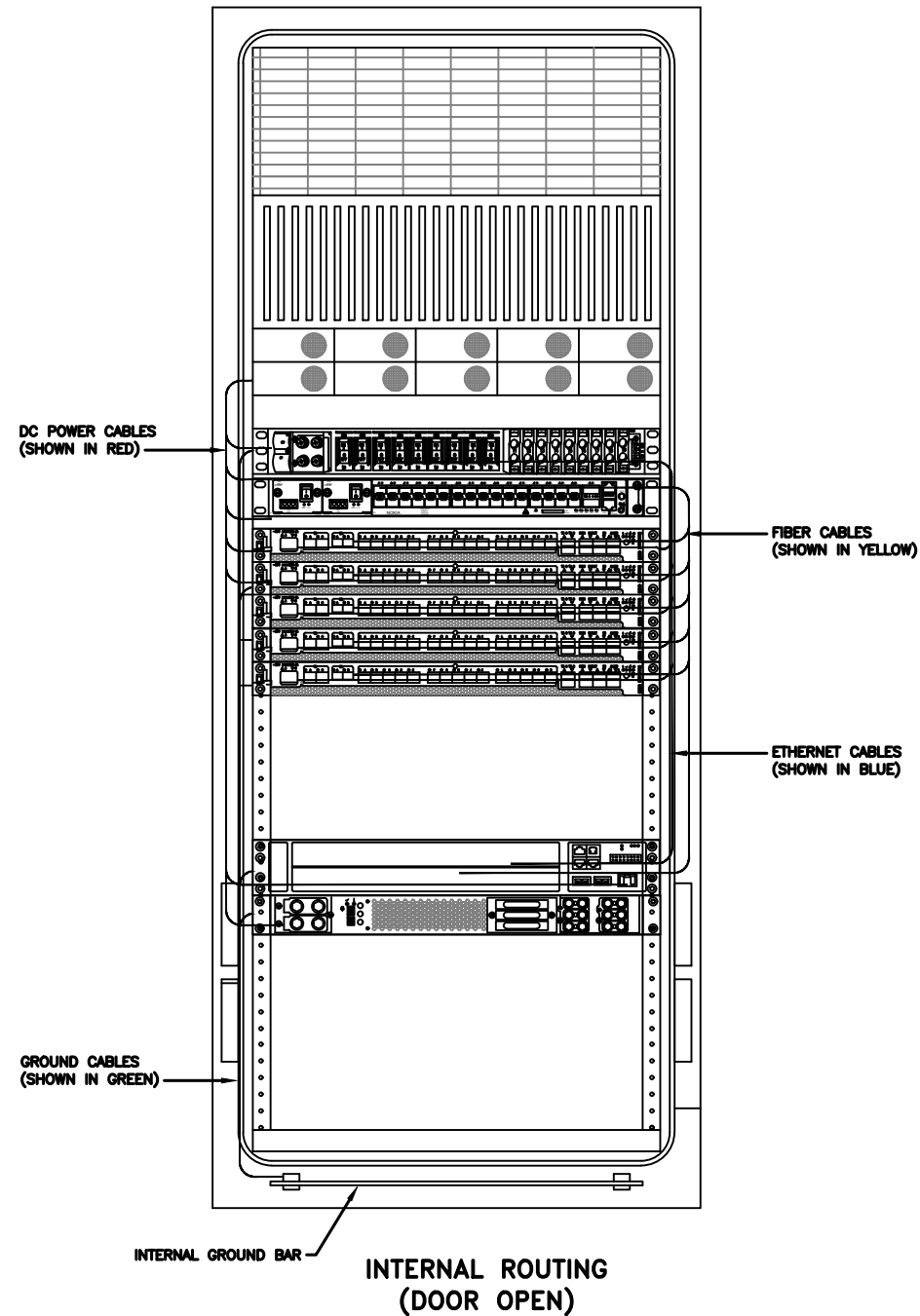
- CORRECT KNOCKOUT TOOL REQUIRED FOR PUNCHING KNOCKOUTS. DO NOT DRILL THROUGH KNOCKOUTS
- CONDUIT MUST BE PROPERLY SECURED TO PREVENT DAMAGE TO CABINETS AND OR CABLING



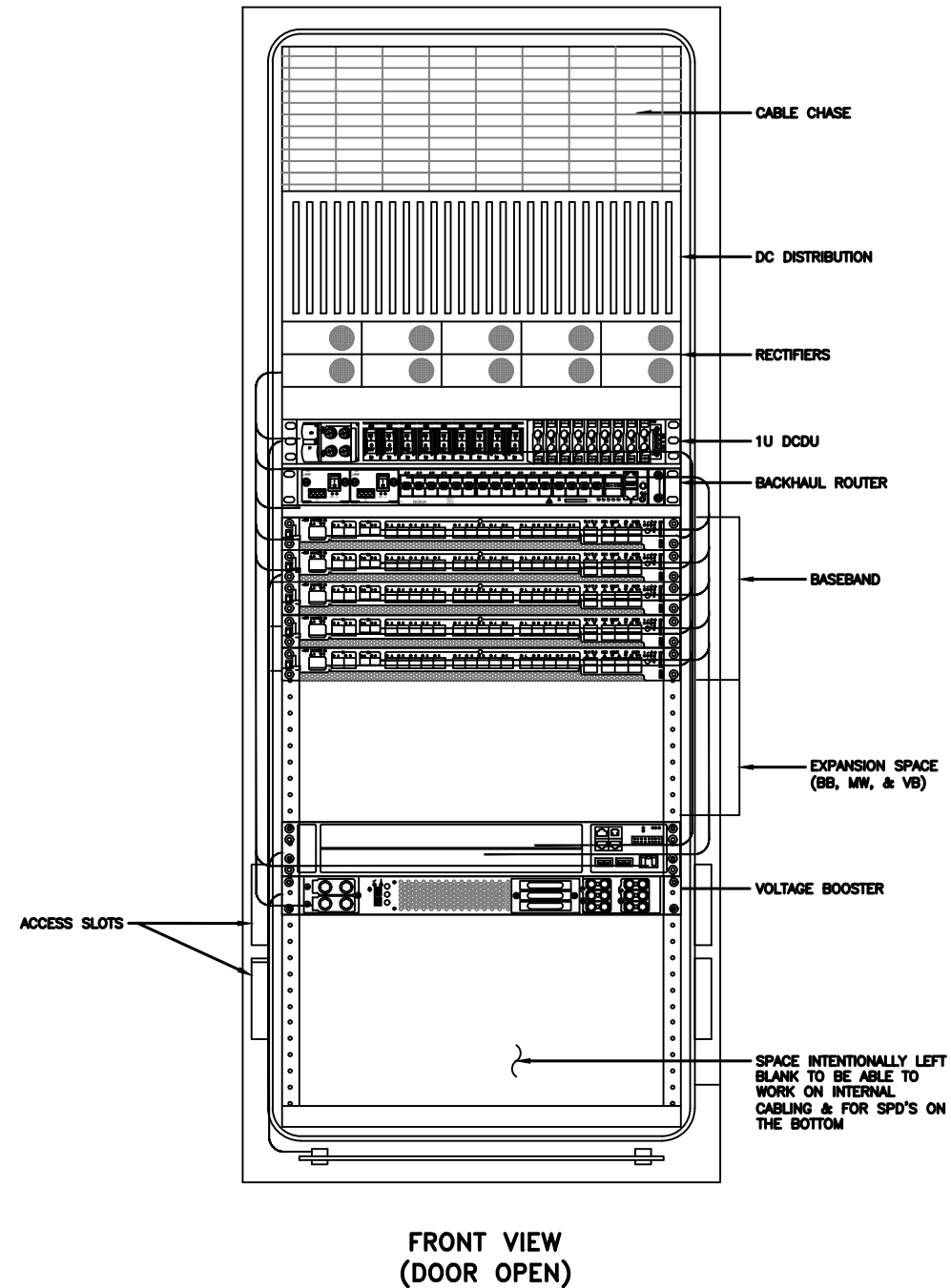
GROUNDING NOTE:

"CABINET GROUNDING TO USE A SINGLE, #2 BTCW CONDUCTOR, W/ 2-HOLE, 1" C-C, LONG BARREL, WINDOW LUG, IN 3/4" LFNC TO GROUND RING. PLINTH GROUNDING IS NOT REQUIRED."





RACK ASSIGNMENTS	
RU SLOTS	DESCRIPTION
1	DC DISTRIBUTION
2	
3	
4	
5	RECTIFIER SHELF
6	
7	FIBER BOX
8	DCDU
9	BACKHAUL ROUTER
10	
11	1ST BASEBAND
12	2ND BASEBAND
13	3RD BASEBAND
14	4TH BASEBAND
15	5TH BASEBAND
16	EXPANSION
17	
18	
19	EXPANSION / LEGACY BASEBAND / VOLTAGE BOOSTER
20	
21	VOLTAGE BOOSTER
22	VOLTAGE BOOSTER
23	OPEN SPACE FOR SPD ACCESS
24	
25	

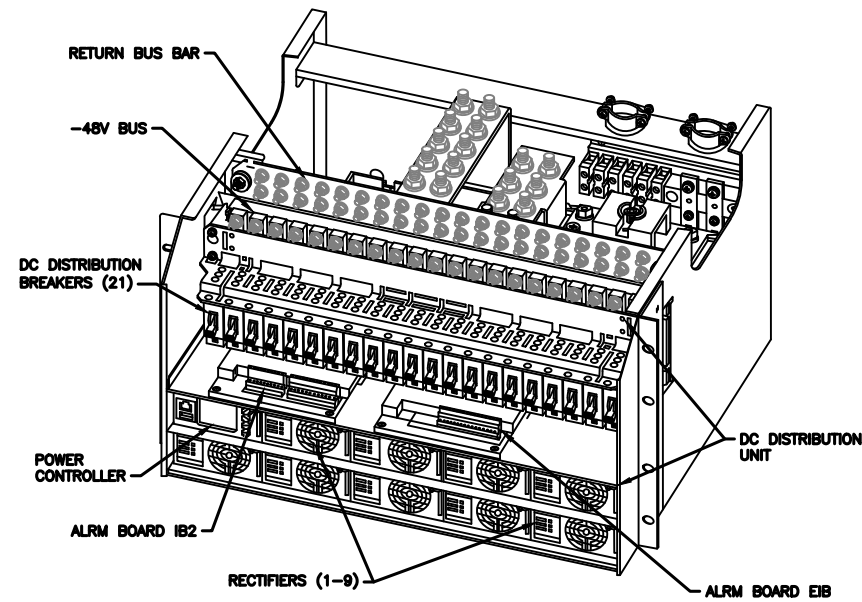


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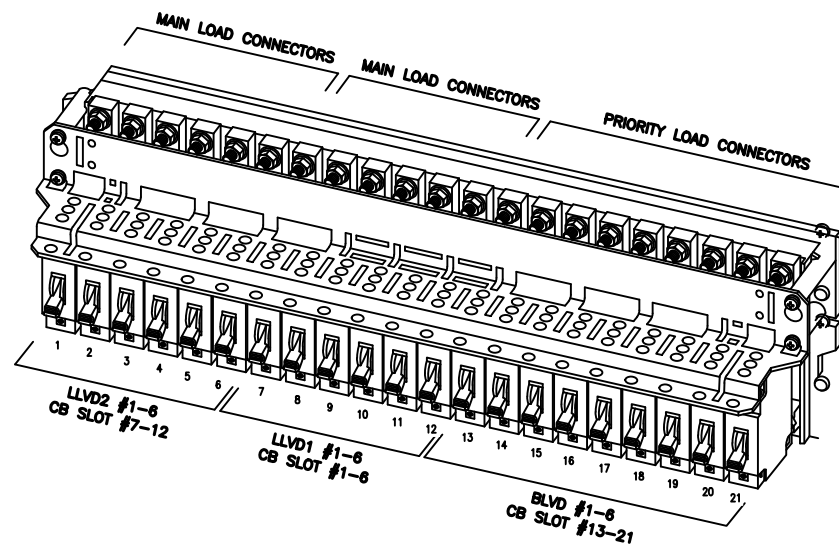
NOTE:
THIS IS FOR REFERENCE ONLY, CHECK
FOR SPECIFIC DETAIL IN T-MOBILE
CABINET SPECIFIC INSTALLATION GUIDES

Breaker Allocation for E6160				
CB SLOT	Ckt #	w/ DCU Prior to availability of the 4460 and 4480	w/ DCU Later Design Post-4460 and Post-4480	w/ DCU 4 and 6 Sector designs
1	1	Router PS-2*/Future		Radio 4460 B25/66 ζ-1
2	2	Future		Radio 4460 B25/66 ζ-2
3	LVD1	PSU 4813 feeding B25/66 α, β and γ (AIR 1641s)		PSU 4813 feeding B41-δ & B71/12-δ (Air 6449s and Radio 4480s)
4	47.0V			
5	5	PSU 4813 feeding B41 α, β and γ (Air 6449s)		
6	6			
7	LVD2	1	PSU 4813 feeding B71/12 α, β and γ (Radio 4449s)	PSU 4813 feeding B71/12 α, β and γ (Radio 4480s)
8		2		
9	45.1V	3	Future	Radio 4460 B25/66 δ-1
10		4	Future	Radio 4460 B25/66 δ-2
11		5	Future	Radio 4460 B25/66 ε-1
12		6	Future	Radio 4460 B25/66 ε-2
13	BLVD	1	Router PS-1	
14		2	Radio 4415 B25/66 α	Radio 4460 B25/66 α-1
15		3	Radio 4415 B25/66 β	Radio 4460 B25/66 α-2
16		4	Radio 4415 B25/66 γ	Radio 4460 B25/66 β-1
17		5	PSU 4813 feeding B2/25 α, β and γ (Radio 4424s)	Radio 4460 B25/66 β-2
18		6		Radio 4460 B25/66 γ-1
19		7	Future	Radio 4460 B25/66 γ-2
20		8	DCDU	
21		9	AAV	

Sector Identification
α = Alpha, β = Beta, γ = Gamma, δ = Delta, ε = Epsilon, ζ = Zeta



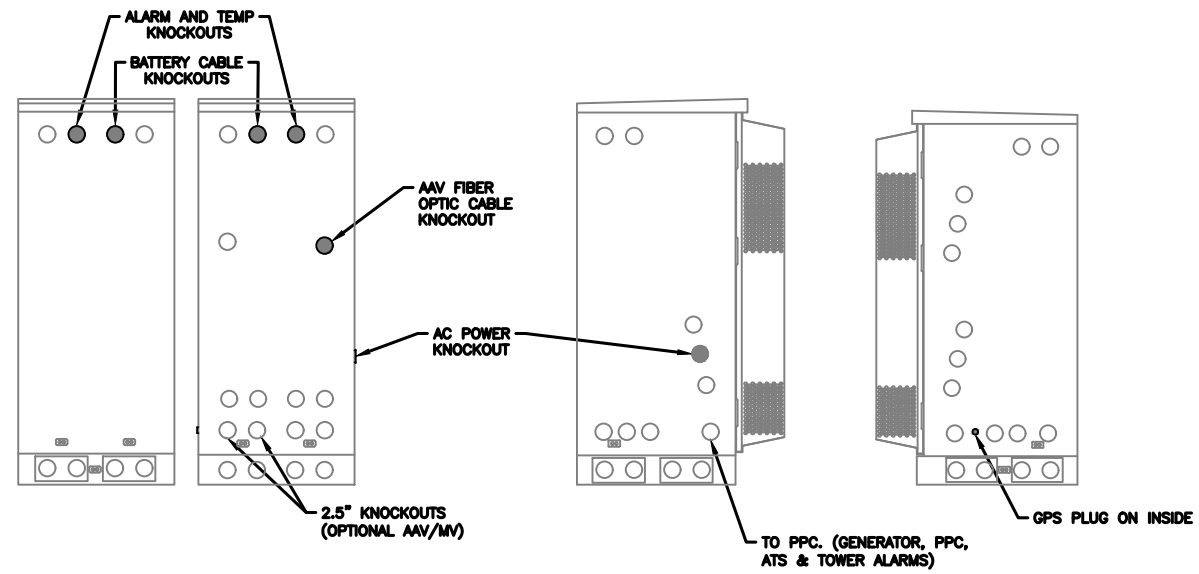
POWER SUBRACK



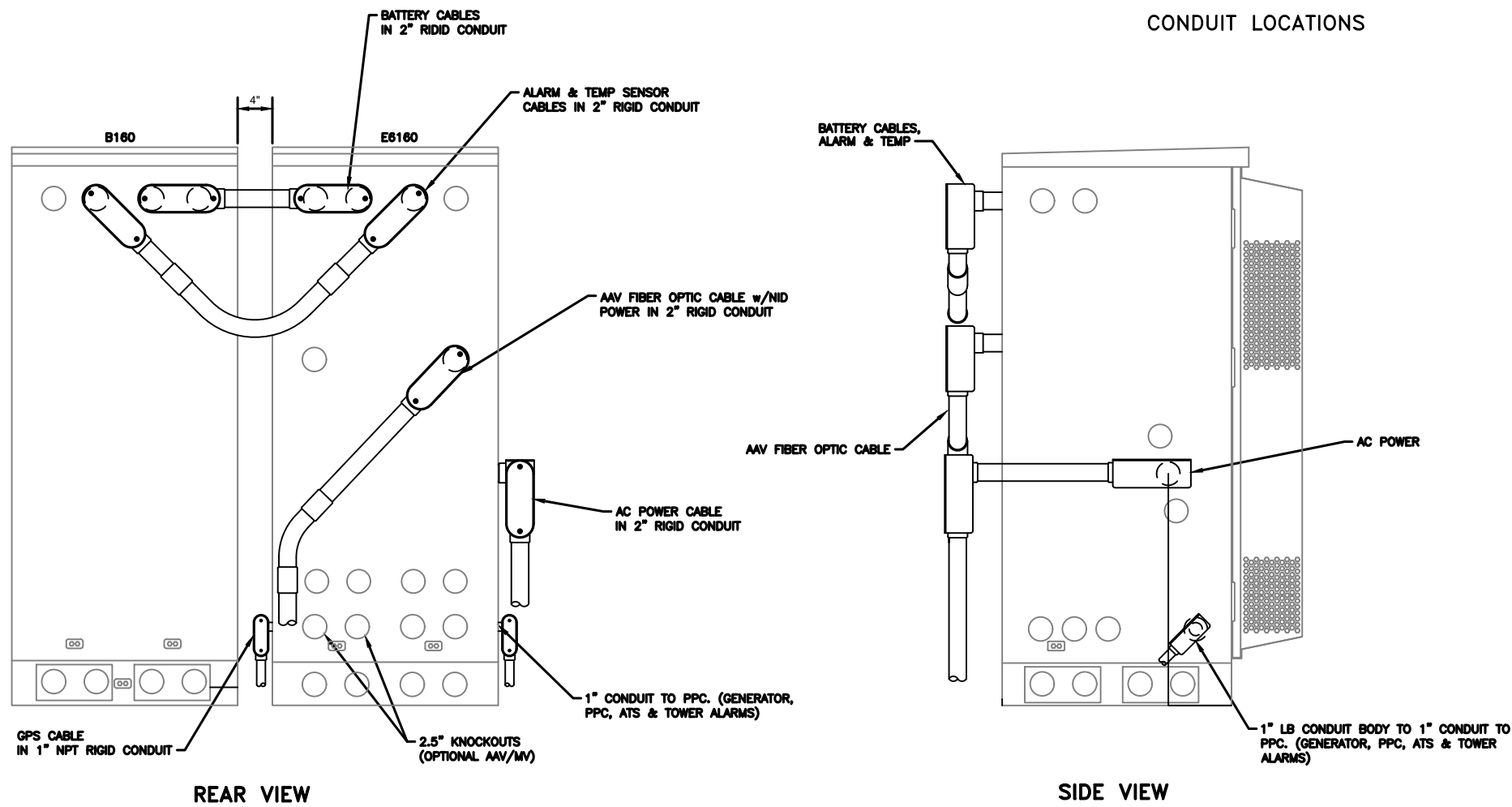
DC DISTRIBUTION

NOTE:

1. ALL CONDUIT AND FITTING ENTRANCES INTO CABINETS AND ENCLOSURES MUST UTILIZE MYERS OR EQUIVALENT HUBS OR SEALING WASHERS TO PREVENT WATER ENTRY/SEEPAGE INTO CABINETS AND ENCLOSURES.
2. (LIQUIDFLEX) FLEXIBLE METALLIC CONDUIT (LFMC) & ASSOCIATED FITTINGS CAN BE USED AS NEEDED BUT ONLY FOR TIGHT CONDUIT BENDS AND RUNS SUBJECT TO UL AND NEC LIMITATIONS. 6' MAX PER CONDUIT RUN.
3. POWER CONDUIT BODY ATTACHED WITH SHORT NIPPLE AND SEALING WASHER INSIDE & OUT. (FOR DOOR HOOD CLEARANCE)
4. PULLING ELBOWS MAY BE USED IN LIEU OF A CONDUIT BODIES WHEN CLEARANCE IS LIMITED.
5. ALL EXTERNAL ALARM CONDUITS ARE TO TERMINATE AT THE PPC WITH A SINGLE 1" ALARM CONDUIT TO THE 6160.
6. (DO NOT USE CHASE NIPPLES) CONDUIT SHOULD HAVE SEALING WASHERS INSIDE AND OUT w/ LOCK NUT AND CAP.



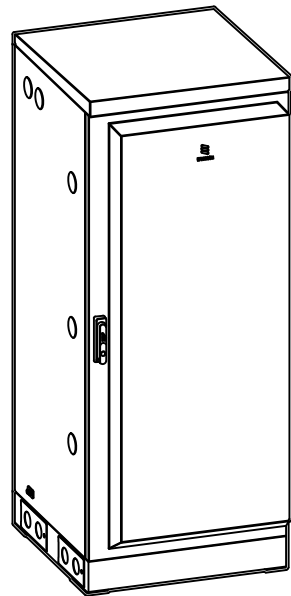
CONDUIT LOCATIONS



REAR VIEW

SIDE VIEW

MANUFACTURER:	ERICSSON
MODEL:	B160 BATTERY CABINET
DIMENSIONS:	63" x 25.6" x 29.5" (H x W x D)
WEIGHT:	295 LBS (WITHOUT BATTERIES)



2.5" KNOCKOUTS w/ RIGID CONDUIT, LB CONDUIT BODY FOR ALARM CABLE & TEMP SENSOR ROUTING. CONDUIT MUST BE PROPERLY SECURED TO PREVENT DAMAGE

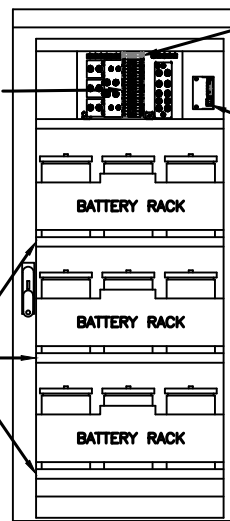
CABINET GROUND POINTS

REAR VIEW

2.5" KNOCKOUTS w/ RIGID CONDUIT, LB CONDUIT BODY FOR BATTERY CABLE CONDUIT MUST BE PROPERLY SECURED TO PREVENT DAMAGE

3 x 300A BREAKERS

BATTERY VIBRATION MOUNTS



FRONT VIEW (DOOR OPEN)

25A AUX BREAKERS, FANS, LIGHTS, ETC.

ALARM BOX, PRELABLED

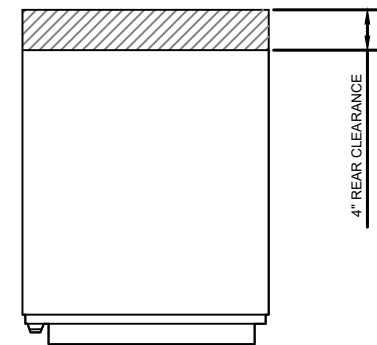
BATTERY RACK

BATTERY RACK

BATTERY RACK

3X BATTERY SHELVES, UP TO 200A HR, w/ PREINSTALLED HEATERS

NOTE:
 • CORRECT KNOCKOUT TOOL REQUIRED FOR PUNCHING KNOCKOUTS. DO NOT DRILL THROUGH KNOCKOUTS
 • CONDUIT MUST BE PROPERLY SECURED TO PREVENT DAMAGE TO CABINETS AND OR CABLING

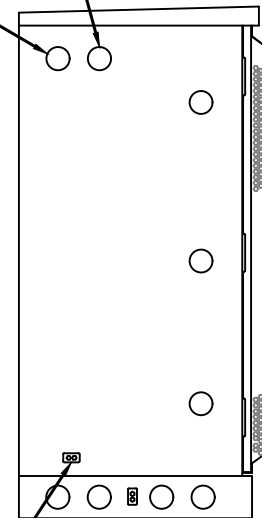


4" REAR CLEARANCE

GROUNDING NOTE:
 "CABINET GROUNDING TO USE A SINGLE, #2 BTCW CONDUCTOR, W/ 2-HOLE, 1" C-C, LONG BARREL WINDOW LUG, IN 3/4" LFNC TO GROUND RING. PLINTH GROUNDING IS NOT REQUIRED."

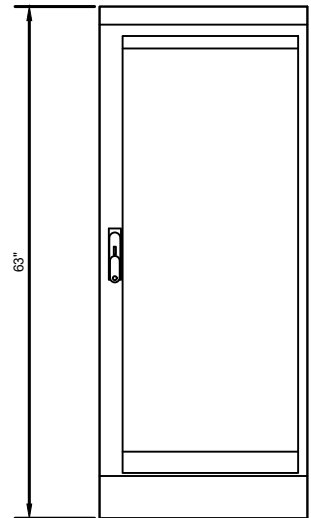
(OPTIONAL) 2.5" KNOCKOUTS FOR ALARM & TEMP SENSOR ROUTING TO 6160

(OPTIONAL) 2.5" DC POWER KNOCKOUTS TO 6160

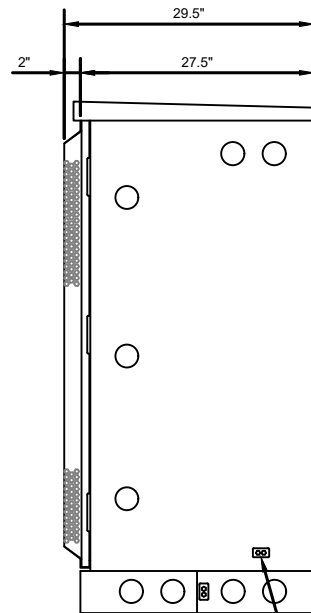


CABINET GROUND POINT

LEFT VIEW

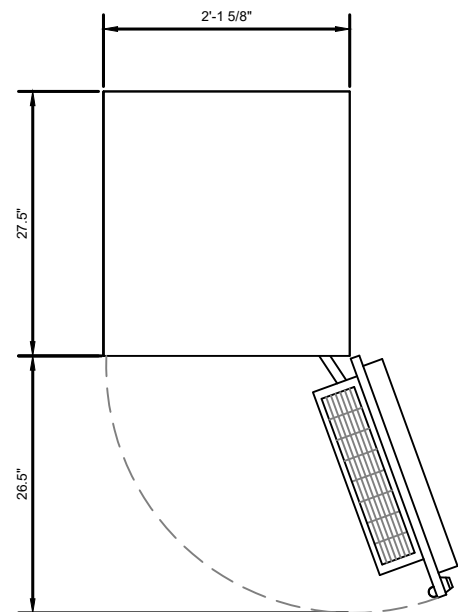


FRONT VIEW



RIGHT VIEW

CABINET GROUND POINT

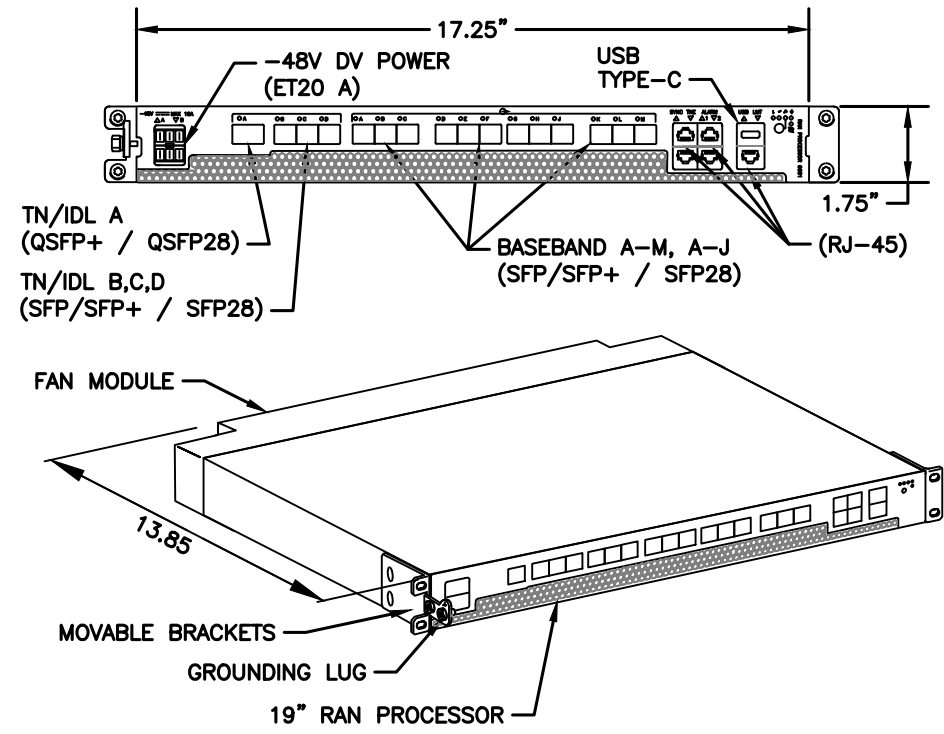


PLAN VIEW

B160 ERICSSON SITE SUPPORT BATTERY CABINET

SUPPLEMENTAL	
SHEET NUMBER: R-607	REVISION: 0

MANUFACTURER:	ERICSSON
MODEL:	6651 RAN PROCESSOR (KDU1370093/11)
DIMENSIONS:	1.75" x 17.25" x 13.85" (H" x W" x D")
WEIGHT:	16.53 LBS



1 34553 - ERICSSON 6651 RAN PROCESSOR
SCALE: N.T.S.

SUPPLEMENTAL

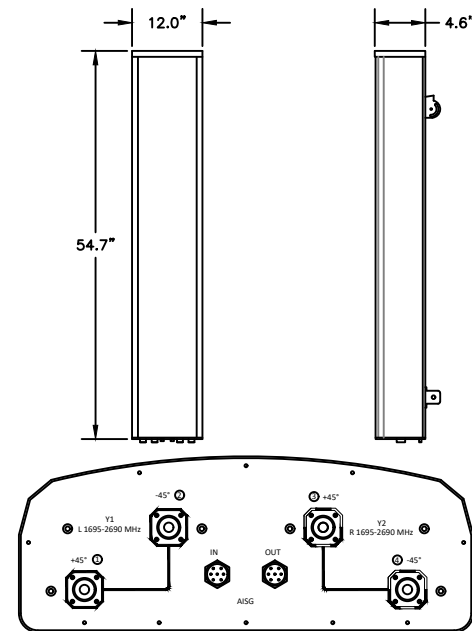
SHEET NUMBER: REVISION:

R-608

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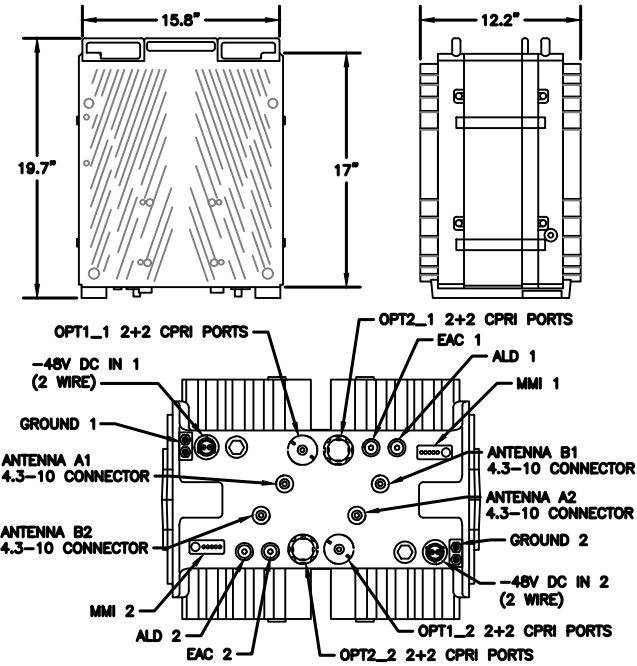
NOTE: THIS SHEET CREATED BY OTHERS AND PROVIDED BY REQUEST OF CUSTOMER WITHOUT EDIT.

MANUFACTURER:	COMMSCOPE
MODEL:	VV-65A-R1
DIMENSIONS:	54.7" x 12.1" x 4.6" (H x W x D)
WEIGHT:	24.7 LB
INTERFACE:	4-PORT 4.3-10 FEMALE
MOUNTING KIT:	600899A-2 (INCLUDED) WEIGHT: 8.6 LB



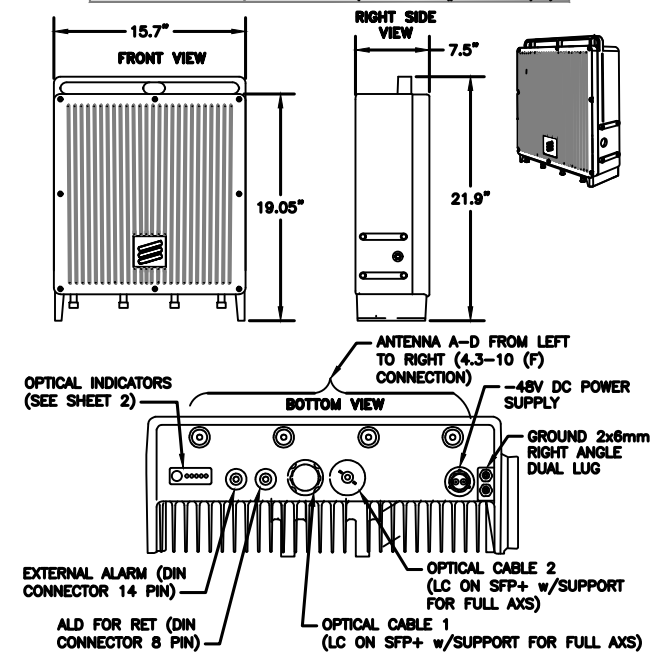
1 34401 - COMMSCOPE VV-65A-R1 SCALE: N.T.S.

MANUFACTURER:	ERICSSON
MODEL:	4460 RADIO B2/25 B66 (KRC 161 912/3)
DIMENSIONS:	19.7" x 15.8" x 12.2" (H" x W" x D")
WEIGHT:	109 LBS
BRACKET WEIGHT:	4.8 LBS (ERS HEAVY #SXX1255993/1)



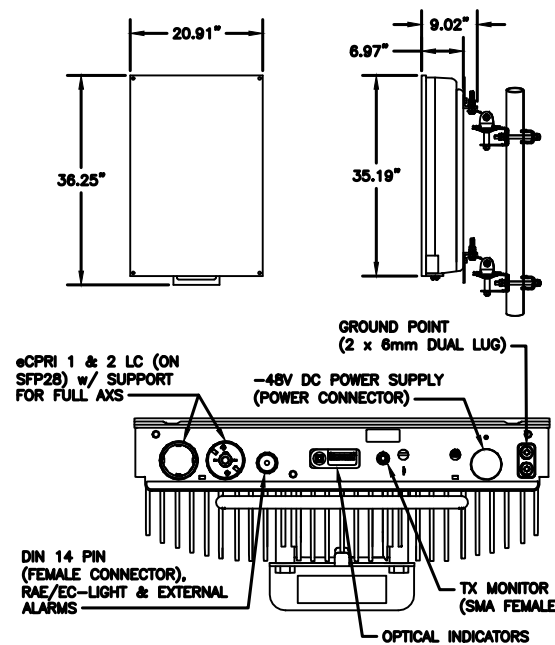
2 34373 - ERICSSON 4460 RADIO B2/25 B66 SCALE: N.T.S.

MANUFACTURER:	ERICSSON
MODEL:	4480 RADIO (KRC 161 922/1)
DIMENSIONS:	21.9" x 15.7" x 7.5" (H x W x D)
MODEL BAND:	B71, B85 FOR NR AND LTE
WEIGHT:	81 LBS
BRACKET WEIGHT:	3.75 LBS (MULTI ERS #109 1973/2)

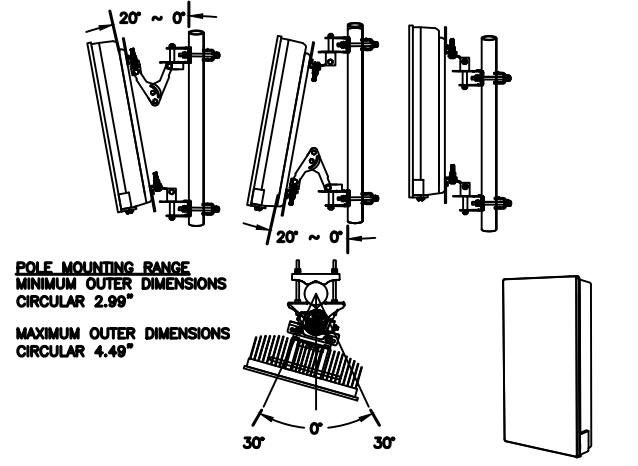
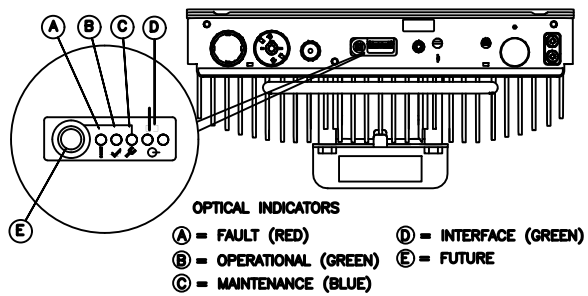


3 34372 - ERICSSON 4480 RADIO SCALE: N.T.S.

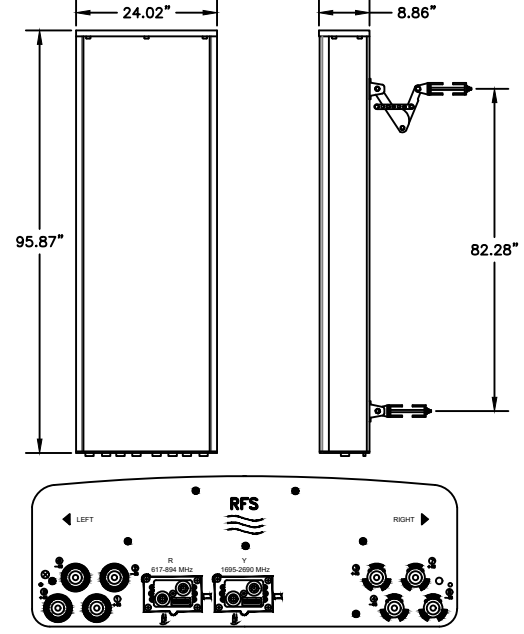
MANUFACTURER:	ERICSSON
MODEL:	AIR 6419 B41 (2.5GHz M-MIMO)
DIMENSIONS:	36.25" x 20.91" x 9.02" NOT TO EXCEED (H x W x D)
WEIGHT:	83 LBS (EXCLUDING MOUNTING KIT)
MOUNT WEIGHT:	13.5 LBS (SXX109 2016/1)



4 34552 - ERICSSON AIR 6419 BAND 41 SCALE: N.T.S.



MANUFACTURER:	RFS
MODEL:	APXVAALL24_43-U-NA20
DIMENSIONS:	95.87" x 24.02" x 8.86"
WEIGHT:	119 LB
BAND:	QUAD BAND (8 PORT)
MOUNTING KIT & WEIGHT:	APM40-10E BEAM TILT KIT (INCLUDED) (16.53 LBS)

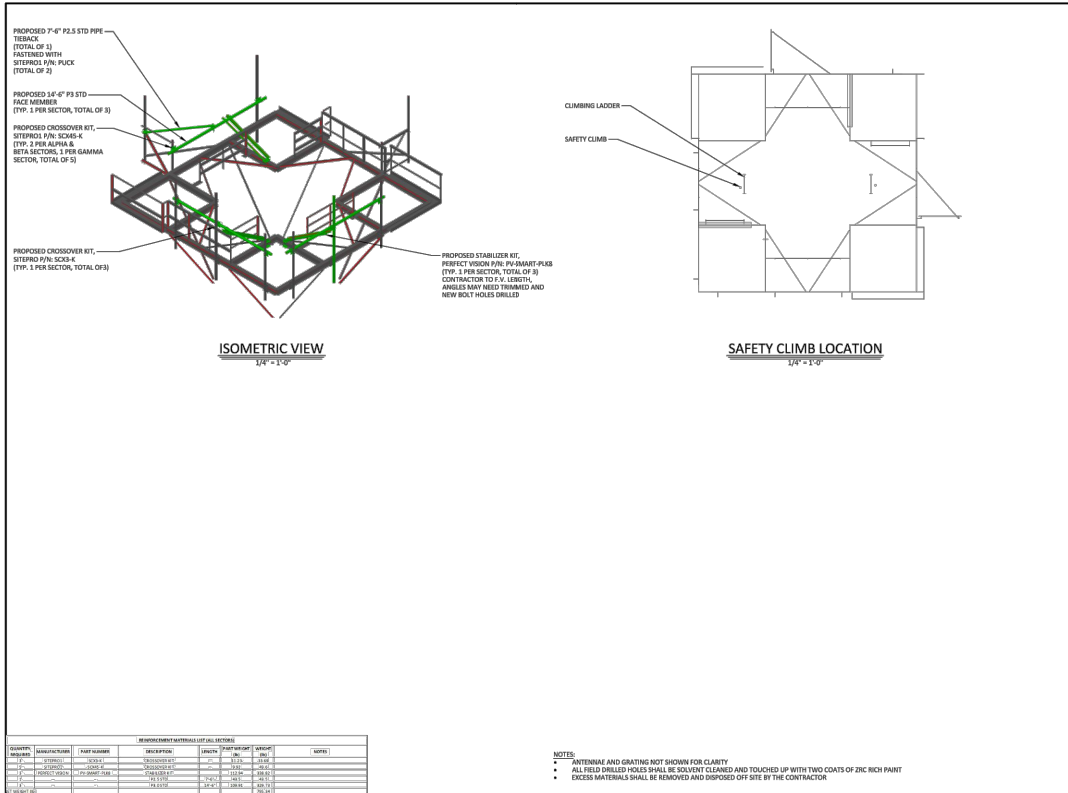


5 34087 - RFS APXVAALL24_43-U-NA20 SCALE: N.T.S.

NOTE: THIS SHEET CREATED BY OTHERS AND PROVIDED BY REQUEST OF CUSTOMER WITHOUT EDIT.

SUPPLEMENTAL

SHEET NUMBER:	REVISION:
R-609	0



POD
POWER OF DESIGN
5555 E. TURNBROOK LAKE RD.
SUITE 200, FAIRFIELD, CONNECTICUT 06424
800-895-7462

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REV.	DESCRIPTION	BY DATE
1		
2		
3		
4		
5		

ATC SITE NUMBER:
88014

ATC SITE NAME:
NEW FAIRFIELD

SITE ADDRESS:
22 TITICUS MTN ROAD
NEW FAIRFIELD, CT 06424

4/1/2022

DRAWN BY: MS
APPROVED BY: JSC
DATE CHANGED: 10/15/2022
ATC JOB NO.: 19804709_CS_JS

MODIFICATION PROFILE

SHEET NUMBER: S-02 REVISION: 0

POD
POWER OF DESIGN

Project: 19804709_CS_JS (New Fairfield, CT, US)

Client: American Truss Trussing and Fabrication, Inc.

Project Manager: JSC

Design Engineer: MS

Structural Engineer: JSC

Structural Analysis: MS

Structural Steel: MS

Structural Wood: MS

Structural Masonry: MS

Structural Concrete: MS

Structural Foundation: MS

Structural Other: MS

Structural Summary

Item	Description	Quantity	Unit	Notes
1	Steel	1000	lb	
2	Wood	500	lb	
3	Concrete	100	cu yd	
4	Masonry	100	sq ft	
5	Other	100	sq ft	

4/1/2022

DRAWN BY: MS
APPROVED BY: JSC
DATE CHANGED: 10/15/2022
ATC JOB NO.: 19804709_CS_JS

SHEET NUMBER: C-01 REVISION: 0

SUPPLEMENTAL

SHEET NUMBER: C-01 REVISION: 0

AMERICAN TRUSS TRUSSING AND FABRICATION, INC.

POD
POWER OF DESIGN

Antenna Mount Analysis Report

ATC Site Number: 88014

Project Manager: JSC

Design Engineer: MS

Structural Engineer: JSC

Structural Analysis: MS

Structural Steel: MS

Structural Wood: MS

Structural Masonry: MS

Structural Concrete: MS

Structural Foundation: MS

Structural Other: MS

4/1/2022

DRAWN BY: MS
APPROVED BY: JSC
DATE CHANGED: 10/15/2022
ATC JOB NO.: 19804709_CS_JS

SUPPLEMENTAL

SHEET NUMBER: R-01 REVISION: 0

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REV.	DESCRIPTION	BY DATE
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ATC SITE NUMBER:
88014

ATC SITE NAME:
NEW FAIRFIELD

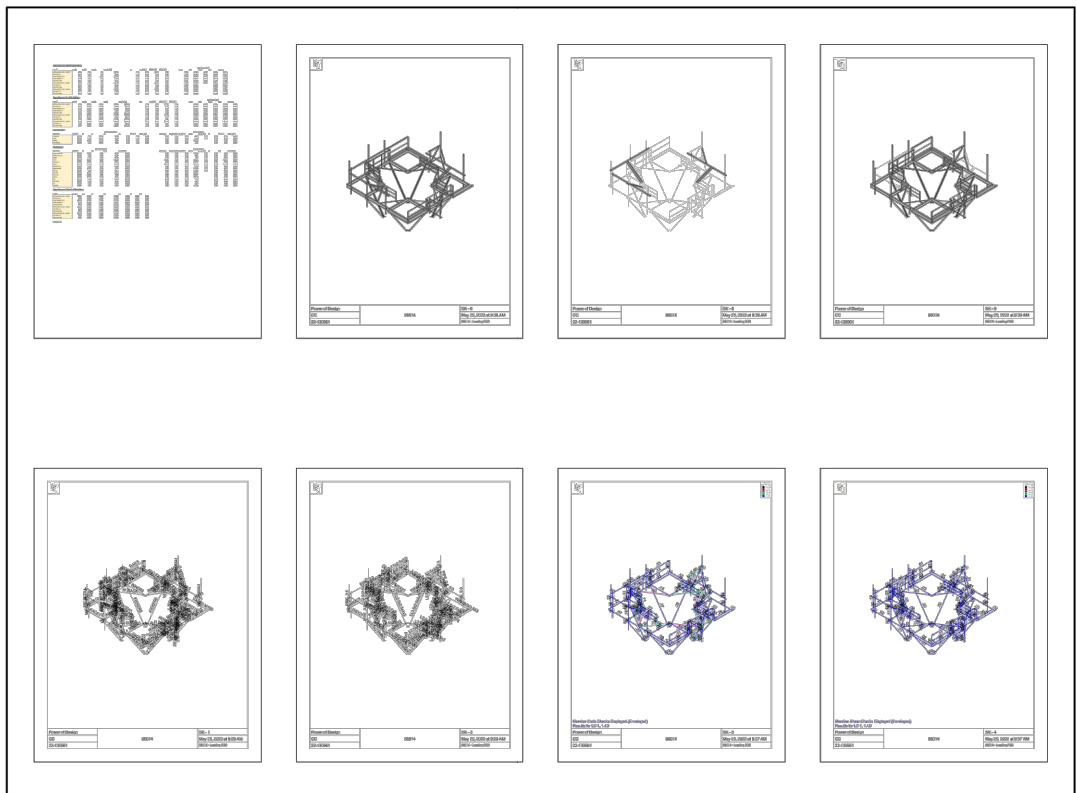
SITE ADDRESS:
22 TITICUS MTN ROAD
NEW FAIRFIELD, CT 06424

4/1/2022

DRAWN BY: MS
APPROVED BY: JSC
DATE CHANGED: 10/15/2022
ATC JOB NO.: 19804709_CS_JS

SUPPLEMENTAL

SHEET NUMBER: R-01 REVISION: 0



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REV.	DESCRIPTION	BY DATE
1		
2		
3		
4		
5		

ATC SITE NUMBER:
88014

ATC SITE NAME:
NEW FAIRFIELD

SITE ADDRESS:
22 TITICUS MTN ROAD
NEW FAIRFIELD, CT 06424

4/1/2022

DRAWN BY: MS
APPROVED BY: JSC
DATE CHANGED: 10/15/2022
ATC JOB NO.: 19804709_CS_JS

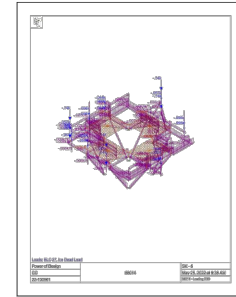
SUPPLEMENTAL

SHEET NUMBER: R-02 REVISION: 0

SUPPLEMENTAL

SHEET NUMBER: R-611 REVISION: 0

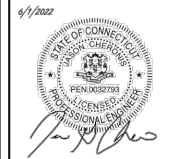
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POD POWER OF DESIGN
1000 E. LONGFORD ROAD, SUITE 200
NEW HAVEN, CT 06511
800-960-7462

NO.	DESCRIPTION	BY DATE

ATC SITE NUMBER:
88014
ATC SITE NAME:
NEW FAIRFIELD
SITE ADDRESS:
22 TITICUS MTN ROAD
NEW FAIRFIELD, CT 06424



DRAWN BY: MB
APPROVED BY: JJC
DATE DRAWN: 4/1/2022
ATC JOB NO.: 1904708_C0_08

SUPPLEMENTAL

SHEET NUMBER: R-03 REVISION: 0

SUPPLEMENTAL

SHEET NUMBER: R-612 REVISION: 0

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AMERICAN TOWER®
CORPORATION

This report was prepared for American Tower Corporation by



Antenna Mount Analysis Report

ATC Site Name : New Fairfield
ATC Site Number : 88014
Engineering Number : 13934709_C9_05
Mount Elevation : 189 ft
Carrier : T-Mobile
Carrier Site Name : New Fairfield (AT&T)
Carrier Site Number : CT11106A
Site Location : 22 Titicus Mtn Road
New Fairfield, CT 06812
41.45068630, -73.51595683
County : Fairfield
Date : June 3, 2022
Max Usage : 94%
Result : Contingent Pass

Prepared By: Cait Campbell
Jason Cheronis
Vice President of Structural Engineering



Jason
Cheronis

Digitally signed
by Jason Cheronis
Date: 2022.06.03
12:05:43 -04'00'

Table of Contents

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Conclusion 1

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Calculations Attached

Introduction

The purpose of this report is to summarize results of the antenna mount analysis performed for T-Mobile at 193.0 ft.

Supporting Documents

Spec. Sheet	Spec Sheet for SitePro1 Part #: PUCK, dated September 1, 2010
Spec. Sheet	Spec Sheet for Perfect Vision Part #: PV-SMART-PLK-8, dated September 16, 2020
Spec. Sheet	Spec Sheet for SitePro1 Part #: SCX3-K, dated July 1, 2011
Spec. Sheet	Spec Sheet for SitePro1 Part #: SCX45-K, dated February 19, 2015
Failing Analysis	POD Engineering #: 13934709_C8_01, dated May 4, 2022
Structural Analysis	Airosmith Engineering Engineering #: 13934709_C3_03 dated: March 30, 2022
Mount Mapping	Infinigy Project #: 1009-Z0003-H, dated: April 28, 2022
RFDS	RFDS dated March 8, 2022
Photos	Site photos from 2022

Analysis

This antenna mount was analyzed using RISA-3D v17 analysis software

Basic Wind Speed:	115 mph, Vult (3-Second Gust)
Basic Wind Speed w/ Ice:	50 mph (3-Second Gust) w/ 1" Radial Ice (Escalating)
Codes:	TIA-222-H
Structure Class:	B
Exposure Category:	II
Topographic Factor Procedure:	Method 2
Topographic Feature:	Flat
Crest Height:	0 ft
Spectral Response:	S _s = 0.224, S ₁ = 0.056
Site Class:	D (assumed)
Live Loads:	L _m = 500 lbs, L _v = 250 lbs

Conclusion

Based on the analysis results, the antenna mount meets the requirements per the applicable codes listed above provided the modifications listed below are completed:

- Installation of proposed modifications done by POD in Project #: 13934709_C9_05, dated May 25, 2022

If you have any questions or require additional information, please contact POD Group via email at ngilkerson@podgrp.com. Please include the American Tower site name, site number, and engineering number in the subject line for any questions.

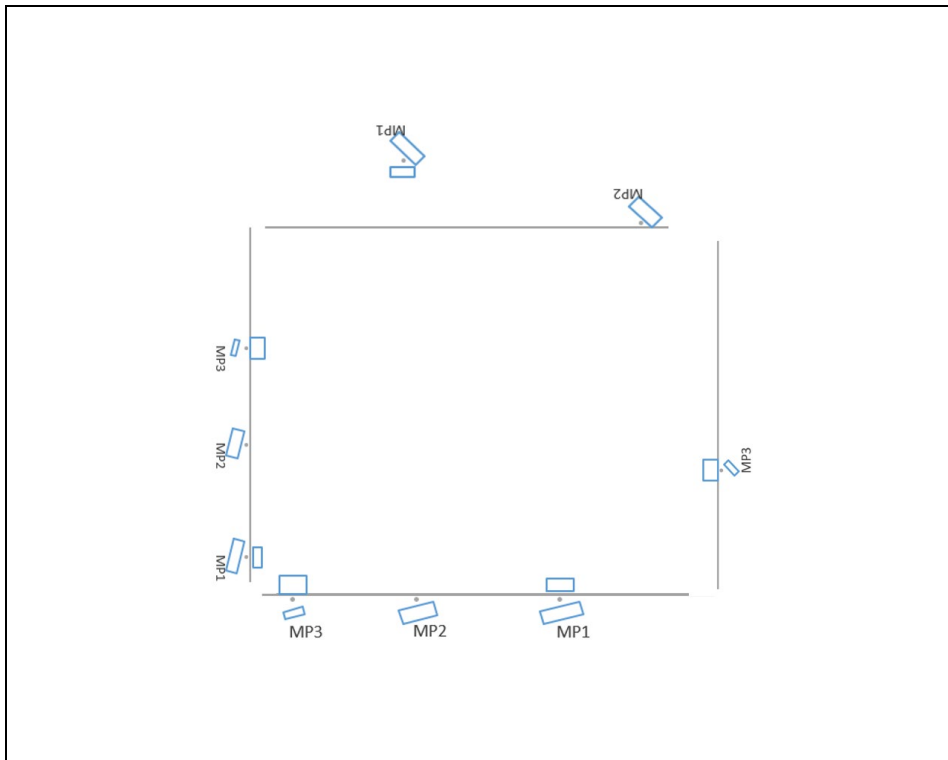
Antenna Loading

Mount Centerline (ft)	Antenna Centerline (ft)	Qty	Antenna Model
189.0	193.0	3	RFS APXVAALL24 43-U-NA20
		3	Commscope VV-65A-R1
		3	Ericsson 4460 BAND 2/25
		3	Ericsson 4480 BAND 71
		3	Ericsson AIR 6419 B41

Structure Usages

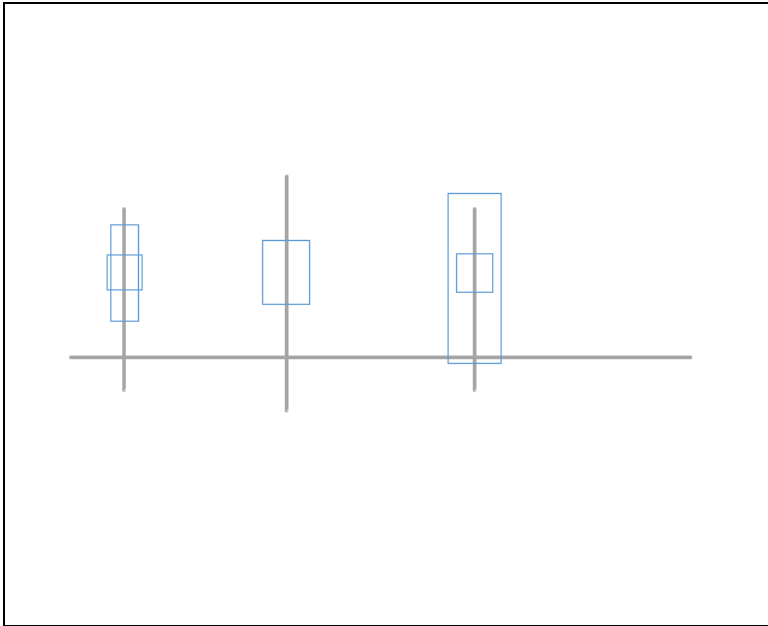
Structural Component	Controlling Usage	Pass/Fail
Horizontals	94%	Pass
Faces	84%	Pass
Verticals	69%	Pass
Standoffs	60%	Pass
Mod Braces	50%	Pass
Mount Pipes	49%	Pass
Mod Support Rails	42%	Pass
Tie-Backs	34%	Pass
Kickers	29%	Pass
Bolts	21%	Pass
Support Rails	18%	Pass
Plates	7%	Pass
Mod Tie-Back	3%	Pass

Mount Layout (From Above)



Equipment Model	Quantity	Height (in)	Width (in)	Depth (in)	Azimuth	Sector	Mount Pipe #
APXVAALL24 43-U-NA20	1	95.9	24	8.5	-15	A	1
VV-65A-R1	1	54.7	12.1	4.6	-15	A	3
4460 BAND 2/25	1	19.6	15.7	12.1	0	A/B/C	3
4480 BAND 71	1	22	15.7	7.5	0	A/B/C	1
AIR 6419 B41	1	36.3	20.9	9	-15	A	2
APXVAALL24 43-U-NA20	1	95.9	24	8.5	45	C	1
VV-65A-R1	1	54.7	12.1	4.6	-45	C	3
AIR 6419 B41	1	36.3	20.9	9	45	C	2
APXVAALL24 43-U-NA20	1	95.9	24	8.5	15	B	1
VV-65A-R1	1	54.7	12.1	4.6	15	B	3
AIR 6419 B41	1	36.3	20.9	9	15	B	2

Equipment Layout (From Front)



Equipment Model	Quantity	Height (in)	Width (in)	Depth (in)	Azimuth	Sector	Mount Pipe #
APXVAALL24 43-U-NA20	1	95.9	24	8.5	-15	A	1
VV-65A-R1	1	54.7	12.1	4.6	-15	A	3
4460 BAND 2/25	1	19.6	15.7	12.1	0	A/B/C	3
4480 BAND 71	1	22	15.7	7.5	0	A/B/C	1
AIR 6419 B41	1	36.3	20.9	9	-15	A	2
APXVAALL24 43-U-NA20	1	95.9	24	8.5	45	C	1
VV-65A-R1	1	54.7	12.1	4.6	-45	C	3
AIR 6419 B41	1	36.3	20.9	9	45	C	2
APXVAALL24 43-U-NA20	1	95.9	24	8.5	15	B	1
VV-65A-R1	1	54.7	12.1	4.6	15	B	3
AIR 6419 B41	1	36.3	20.9	9	15	B	2

Standard Conditions

All engineering services performed by POD Group are prepared on the basis that the information used is current and correct. This information may consist of, but is not limited to the following:

- Information supplied by the client regarding antenna, mounts and feed line loading
- Information from drawings, design and analysis documents, and field notes in the possession of POD Group

It is the responsibility of the client to ensure that the information provided to POD Group and used in the performance of our engineering services is correct and complete.

POD Group assumes that all structures were constructed in accordance with the drawings and specifications.

All connections are to be verified for condition and tightness by the installation contractor preceding any changes to the appurtenance mounting system and/or equipment attached to it.

Unless explicitly agreed by both the client and POD Group, all services will be performed in accordance with the current revision of ANSI/TIA-222.

Installation of all equipment and steel should be confirmed not to cause tower conflicts nor impede the tower climbing pegs.

All services are performed, results obtained, and recommendations made in accordance with generally accepted engineering principles and practices. POD Group is not responsible for the conclusions, opinions and recommendations made by others based on the information supplied herein.



POD Job # 22-130961
 Site Number 88014
 Site Name New Fairfield

General Site Information

Mount Type	SFP	Risk Category	II	I (seismic)	1
V (Wind Speed)	115	I(ice)	1	Sms	0.358
Zs	896	Ss	0.224	Sm1	0.134
ti	1	S1	0.056	Sds	0.239
Vi	50	Soil Site Class	D (assumed)	Sd1	0.090
Kzt	1	Fa	1.600	Seismic Design Category	B
Exposure	B	Fv	2.400	Seismic Analysis Not Required	B
zg	1200	Tower Type	Self Support	R	2 TIA-222-H 16.7
a	7	Tower Height	188	As	1 TIA-222-H 16.7
Kmin	0.7			Cs, Min	0.03 TIA-222-H 2.7.7.1.1
G _H	1			Cs	0.11946667 TIA-222-H 2.7.7.1.1
Ke	0.97				
K _o	0.95				
K _s	0.9				

Appurtenance Information

Model	Shielded	% Shielded	Centerline	Centerline on MP	Spacing (in)	Azimuth	Sector	Quantity	MP #
APXVALL24 43-U-NA20			193	5.25	70	-15	A	1	1
VV-65A-R1			193	5.5	40	-15	A	1	3
4460 BAND 2/25			193	5.5			A/B/C	1	3
4480 BAND 71			193	5.5			A/B/C	1	1
AIR 6419 B41			193	6.5	20	-15	A	1	2
APXVALL24 43-U-NA20			193	5.5	70	45	C	1	1
VV-65A-R1			193	5.5	40	-45	C	1	3
AIR 6419 B41			193	6.5	20	45	C	1	2
APXVALL24 43-U-NA20			193	5.25	70	15	B	1	1
VV-65A-R1			193	5.5	40	15	B	1	3
AIR 6419 B41			193	6.5	20	15	B	1	2

Mount Information

Elevation (ft)	189	Grating Thickness (in)	1
K _v	1.19	Grating Ice Weight (K/FT)	0.015
K _{iz}	1.19		
t _{iz}	1.19		

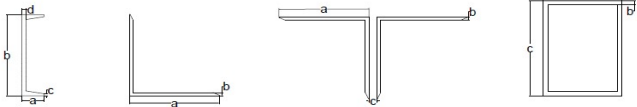
Mount Pipes	Length (ft)	Width (in)	Centerline
	8.5	2.875	193

Round Members

Member	Length (ft)	Width (in)	Frame Member	# of Members
TIEBACK	7	2.875	Yes	2
PIPE	4.75	2.875	Yes	2
MRAIL	14.5	3.5	No	3
MTIEBACK	7.202	2.875	No	1

Flat Members

Member	Length (ft)	Width (in)	Shape	A	B	C	D	Frame Member	# of Members	
Angle face off	7.5	5.5	Angle		10.5	0.25		No	6	
Angle face on	7.5	5.5	Angle		10.5	0.25		Yes	2	
Angle	0.75	5	Angle		3.5	0.25		No	4	
Face	22.833	8.28	Channel		5.27	8.28	0.4	0.25	No	4
Diagonal	7.766	2.5	Angle		2.5	0.1875		No	8	
Inner	7	8.28	Channel		5.27	8.28	0.4	0.25	No	8
Mid Rail on	9.333	2.5	Angle		2.5	0.1875		Yes	2	
Mid Rail off	9.333	2.5	Angle		2.5	0.1875		No	6	
Rail on	7.5	2.5	Angle		2.5	0.1875		Yes	4	
Rail off	7.5	2.5	Angle		2.5	0.1875		No	12	
Vertical	3.667	2.5	Angle		2.5	0.1875		Yes	28	
Kicker	11.511	2.5	D. Angle		2.5	0.25	0.375	Yes	8	
SO	4.42	2.5	Angle		2.5	0.1875		Yes	4	
SO DIAG	5	2.5	Angle		2.5	0.1875		Yes	2	
PL	0.75	7	Channel				7	0.375	No	8
MSTAB	5.852	2.5	Angle		2.5	0.25		No	6	



Appurtenance Wind Calculations

Model	Height	Width	Depth	Weight (lbs)	Kz	qz (lb/ft ²)	(EPA) _w (ft ²)	(EPA) _e (ft ²)	Wind Force (Kips)				
									Front	Side	Front	Beta	Gamma
APXVAALL24 43-U-NA20	95.9	24.0	8.5	122.8	1.19	37.13	18.22	7.86	0.676	0.292	0.454	0.318	0.651
VV-65A-R1	54.7	12.1	4.6	23.8	1.19	37.13	5.34	2.46	0.198	0.091	0.494	0.098	0.191
4460 BAND 2/25	19.6	15.7	12.1	109.0	1.19	37.13	2.31	1.78	0.086	0.066	0.213	0.071	0.081
4480 BAND 71	22.0	15.7	7.5	81.0	1.19	37.13	2.59	1.26	0.096	0.047	0.030	0.059	0.084
AIR 6419 B41	36.3	20.9	9.0	83.3	1.19	37.13	5.69	2.59	0.211	0.096	0.097	0.104	0.204
APXVAALL24 43-U-NA20	95.9	24.0	8.5	122.8	1.19	37.13	18.22	7.86	0.676	0.292	0.070	0.651	0.318
VV-65A-R1	54.7	12.1	4.6	23.8	1.19	37.13	5.34	2.46	0.198	0.091		0.098	0.191
AIR 6419 B41	36.3	20.9	9.0	83.3	1.19	37.13	5.69	2.59	0.211	0.096		0.204	0.104
APXVAALL24 43-U-NA20	95.9	24.0	8.5	122.8	1.19	37.13	18.22	7.86	0.676	0.292		0.484	0.484
VV-65A-R1	54.7	12.1	4.6	23.8	1.19	37.13	5.34	2.46	0.198	0.091		0.145	0.145
AIR 6419 B41	36.3	20.9	9.0	83.3	1.19	37.13	5.69	2.59	0.211	0.096		0.154	0.154

Appurtenance Ice Calculations

Model	tiz (in)	Height	Width	Depth	Weight (lbs)	Kiz	qz (lb/ft ²)	(EPA) _w (ft ²)	(EPA) _e (ft ²)	Wind Force (Kips)					
										Front	Side	Alpha	Beta	Gamma	
APXVAALL24 43-U-NA20	1.19	98.29	26.39	10.89	280.95	1.19	7.02	11.79	5.65	0.083	0.040	0.051	0.043	0.080	
VV-65A-R1	1.19	57.09	14.49	6.99	88.57	1.19	7.02	3.79	2.06	0.027	0.014	0.017	0.015	0.026	
4460 BAND 2/25	1.19	21.99	18.09	14.49	66.02	1.19	7.02	1.74	1.40	0.012	0.010	0.012	0.010	0.012	
4480 BAND 71	1.19	24.39	18.09	9.89	57.36	1.19	7.02	1.93	1.06	0.014	0.007	0.012	0.009	0.012	
AIR 6419 B41	1.19	38.69	23.29	11.39	111.14	1.19	7.02	3.94	1.98	0.028	0.014	0.017	0.015	0.027	
APXVAALL24 43-U-NA20	1.19	98.29	26.39	10.89	280.95	1.19	7.02	11.79	5.65	0.083	0.040	0.087	0.080	0.043	
VV-65A-R1	1.19	57.09	14.49	6.99	88.57	1.19	7.02	3.79	2.06	0.027	0.014	0.005	0.015	0.026	
AIR 6419 B41	1.19	38.69	23.29	11.39	111.14	1.19	7.02	3.94	1.98	0.028	0.014	0.029	0.027	0.015	
APXVAALL24 43-U-NA20	1.19	98.29	26.39	10.89	280.95	1.19	7.02	11.79	5.65	0.083	0.040	0.087	0.061	0.061	
VV-65A-R1	1.19	57.09	14.49	6.99	88.57	1.19	7.02	3.79	2.06	0.027	0.014	0.028	0.021	0.021	
AIR 6419 B41	1.19	38.69	23.29	11.39	111.14	1.19	7.02	3.94	1.98	0.028	0.014	0.029	0.021	0.021	

Round Members

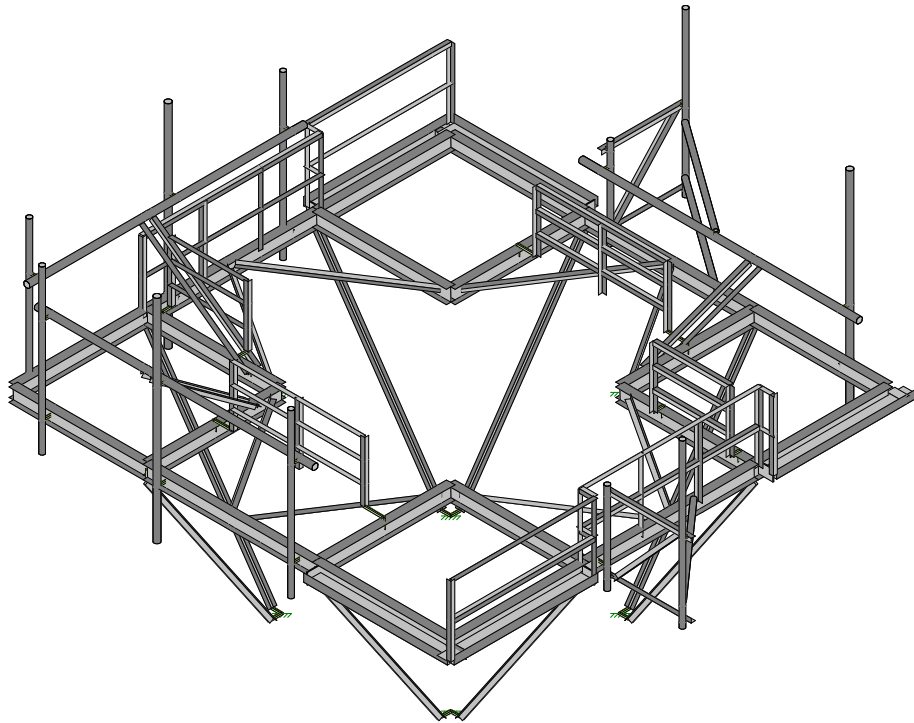
Member	qt (lb/ft ²)	Ar	C	Wind Calculations				Ice Calculations								
				Rr	Cf	EPA (ft ²)	Load (k/ft)	Width (in)	Weight (k/ft)	qt (lb/ft ²)	Arice	qz (lb/ft ²)	Cf	EPA (ft ²)	Load (k/ft)	
TIEBACK	36.91	3.35		29.24	1.00	1.20	1.81	0.010	5.26	0.01	6.98	6.13	2.70	1.20	3.31	0.003
PIPE	36.91	2.28		29.24	1.00	1.20	1.23	0.010	5.26	0.01	6.98	4.16	2.70	1.20	2.25	0.003
MRAIL	36.91	12.69		35.59	1.00	1.20	4.57	0.006	5.88	0.01	6.98	21.32		1.20	7.68	0.002
MTIEBACK	36.91	1.73		29.24	1.00	1.20	1.86	0.005	5.26	0.01	6.98	3.15		1.20	3.41	0.002

Flat Members

Member	qt (lb/ft ²)	Af	Cf	Wind Calculations			Load (k/ft)	Ice Calculations							
				EPA	Width (in)	Weight (k/ft)		qt (lb/ft ²)	Arice	qz (lb/ft ²)	Cf	EPA	Load (k/ft)		
Angle face off	36.91	20.63		2.00	6.19	0.015	0.015	7.88	0.02	6.98	29.56	2.70	2.00	8.87	0.004
Angle face on	36.91	6.88		2.00	6.19	0.030	0.030	7.88	0.02	6.98	9.85	2.70	2.00	8.87	0.008
Angle	36.91	1.25		2.00	0.56	0.014	0.014	7.38	0.01	6.98	1.85	2.70	2.00	0.83	0.004
Face	36.91	63.02		2.00	28.36	0.023	0.023	10.66	0.02	6.98	81.14	2.70	2.00	36.51	0.006
Diagonal	36.91	12.94		2.00	2.91	0.007	0.007	4.88	0.01	6.98	25.27	2.70	2.00	5.69	0.003
Inner	36.91	38.64		2.00	8.69	0.023	0.023	10.66	0.02	6.98	49.75	2.70	2.00	11.19	0.006
Mid Rail on	36.91	3.89		2.00	3.50	0.014	0.014	4.88	0.01	6.98	7.59	2.70	2.00	6.83	0.005
Mid Rail off	36.91	11.67		2.00	3.50	0.007	0.007	4.88	0.01	6.98	22.78	2.70	2.00	6.83	0.003
Rail on	36.91	6.25		2.00	2.81	0.014	0.014	4.88	0.01	6.98	12.20	2.70	2.00	5.49	0.005
Rail off	36.91	18.75		2.00	2.81	0.007	0.007	4.88	0.01	6.98	36.61		2.00	5.49	0.003
Vertical	36.91	21.39		2.00	1.38	0.014	0.014	4.88	0.01	6.98	41.77		2.00	2.68	0.005
Kicker	36.91	19.19		2.00	4.32	0.014	0.014	4.88	0.01	6.98	37.46		2.00	8.43	0.005
SO	36.91	3.68		2.00	1.66	0.014	0.014	4.88	0.01	6.98	7.19		2.00	3.24	0.005
SO DIAG	36.91	2.08		2.00	1.88	0.014	0.014	4.88	0.01	6.98	4.07		2.00	3.66	0.005
PL	36.91	3.50		2.00	0.79	0.019	0.019	9.38	0.01	6.98	4.69		2.00	1.06	0.005
MSTAB	36.91	7.32		2.00	2.19	0.007	0.007	4.88	0.01	6.98	14.28		2.00	4.28	0.003

Appurtenance Seismic Calculations

Model	Weight	Sds	ρ	Cs	As	Ev	Eh	
APXVAALL24 43-U-NA20	122.8	0.239		1.000	0.119	1.000	0.006	0.015
VV-65A-R1	23.8	0.239		1.000	0.119	1.000	0.001	0.003
4460 BAND 2/25	109.0	0.239		1.000	0.119	1.000	0.005	0.013
4480 BAND 71	81.0	0.239		1.000	0.119	1.000	0.004	0.010
AIR 6419 B41	83.3	0.239		1.000	0.119	1.000	0.004	0.010
APXVAALL24 43-U-NA20	122.8	0.239		1.000	0.119	1.000	0.006	0.015
VV-65A-R1	23.8	0.239		1.000	0.119	1.000	0.001	0.003
AIR 6419 B41	83.3	0.239		1.000	0.119	1.000	0.004	0.010
APXVAALL24 43-U-NA20	122.8	0.239		1.000	0.119	1.000	0.006	0.015
VV-65A-R1	23.8	0.239		1.000	0.119	1.000	0.001	0.003
AIR 6419 B41	83.3	0.239		1.000	0.119	1.000	0.004	0.010



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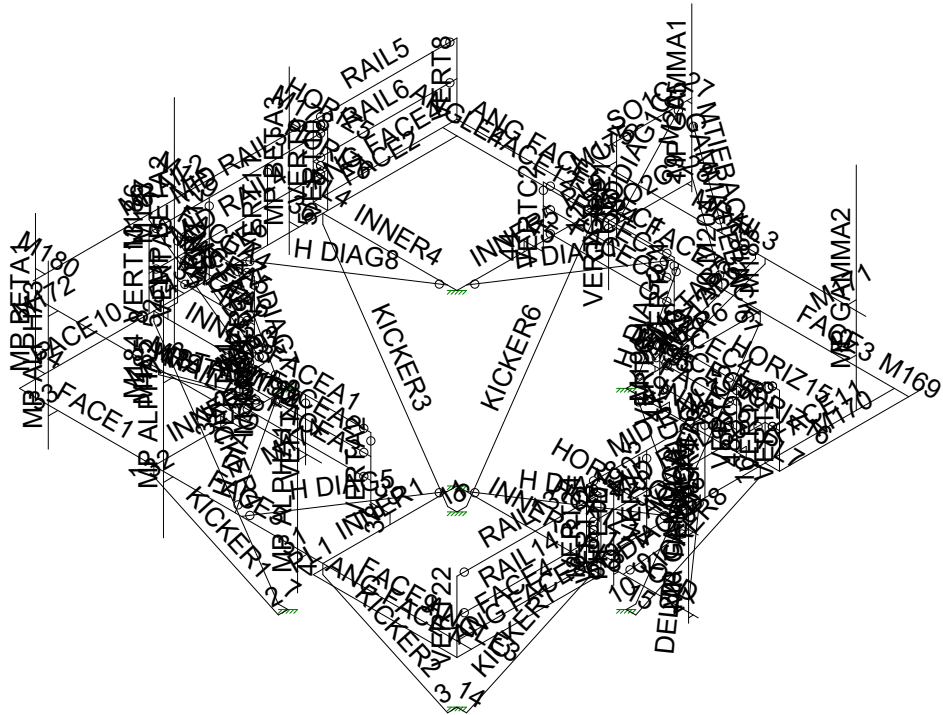
22-130961

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SK - 6

May 25, 2022 at 9:38 AM

88014 - Loading.R3D



Power of Design

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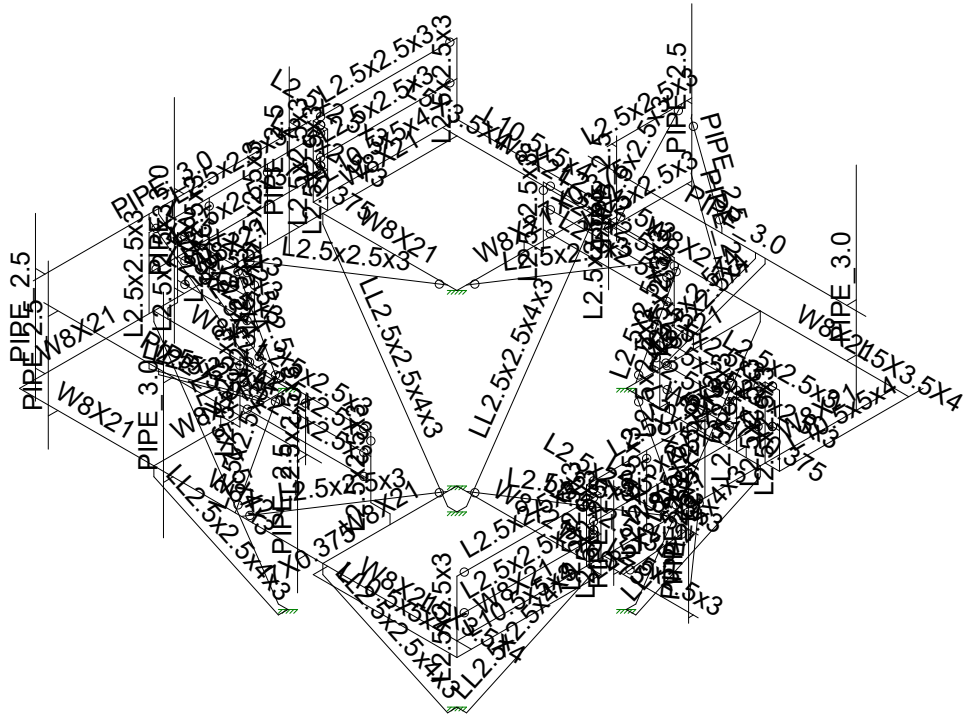
22-130961

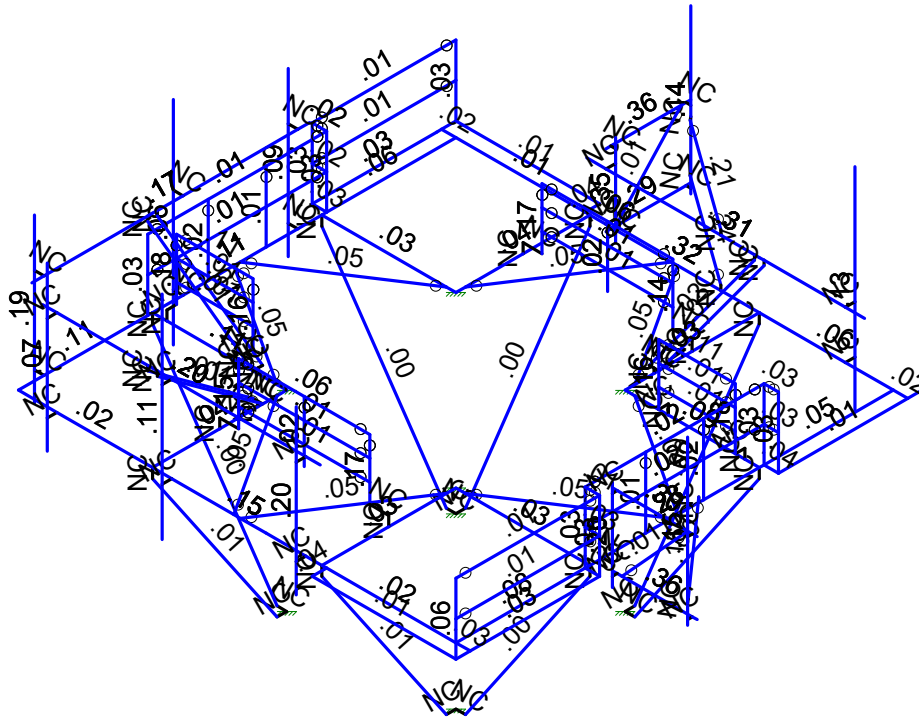
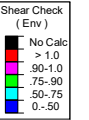
88014

SK - 1

May 25, 2022 at 9:29 AM

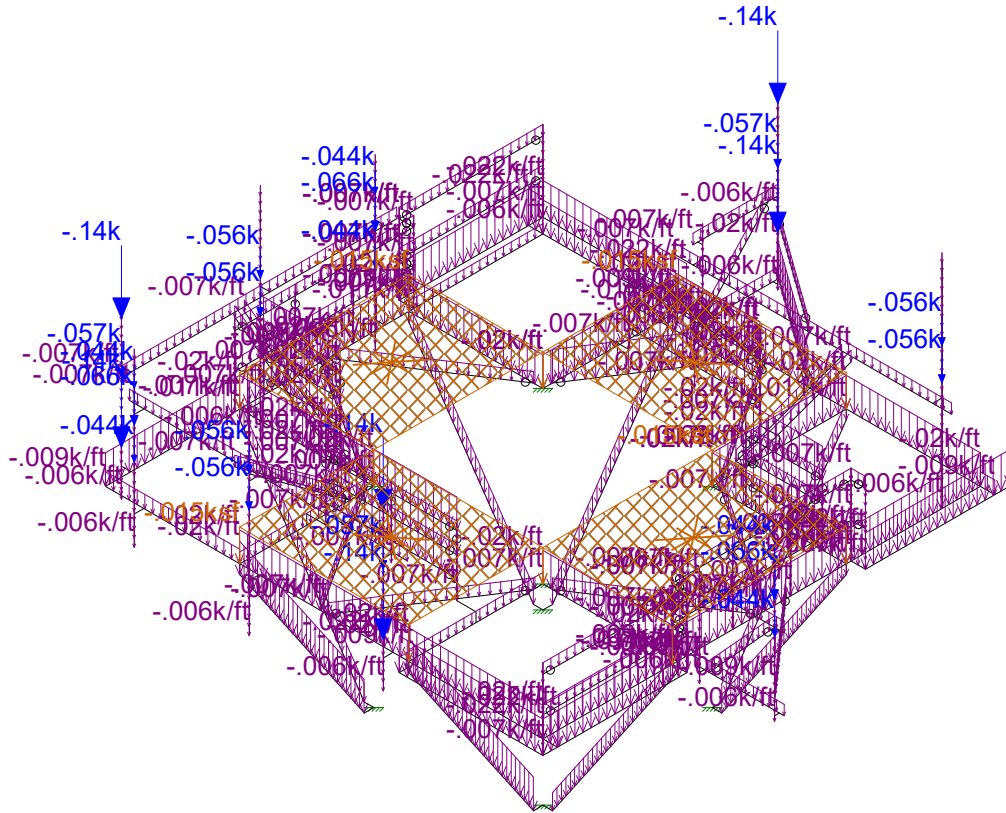
88014 - Loading.R3D





Member Shear Checks Displayed (Enveloped)
Results for LC 1, 1.4D

Power of Design	88014	SK - 4
CC		May 25, 2022 at 9:37 AM
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Loads: BLC 27, Ice Dead Load

Power of Design

CC

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88014 - Loading.R3D



Basic Load Cases

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distrib..	Area(Me...Surface(...
1	Live Load	DL					1		
2	Wind Load (0)	DL					24	127	
3	Dead Load	DL			-1.1		24		4
4	Wind Load (30)	DL					48	254	
5	Wind Load (60)	DL					48	254	
6	Wind Load (90)	DL					24	127	
7	Wind Load (120)	DL					48	254	
8	Wind Load (150)	DL					48	254	
9	Wind Load (180)	DL					24	127	
10	Wind Load (210)	DL					48	254	
11	Wind Load (240)	DL					48	254	
12	Wind Load (270)	DL					24	127	
13	Wind Load (300)	DL					48	254	
14	Wind Load (330)	DL					48	254	
15	Maintenance (0)	DL					24	127	
16	Maintenance (30)	DL					48	254	
17	Maintenance (60)	DL					48	254	
18	Maintenance (90)	DL					24	127	
19	Maintenance (120)	DL					48	254	
20	Maintenance (150)	DL					48	254	
21	Maintenance (180)	DL					24	127	
22	Maintenance (210)	DL					48	254	
23	Maintenance (240)	DL					48	254	
24	Maintenance (270)	DL					24	127	
25	Maintenance (300)	DL					48	254	
26	Maintenance (330)	DL					48	254	
27	Ice Dead Load	DL					24	127	4
28	Ice Wind Load (0)	DL					24	127	
29	Ice Wind Load (30)	DL					48	254	
30	Ice Wind Load (60)	DL					48	254	
31	Ice Wind Load (90)	DL					24	127	
32	Ice Wind Load (120)	DL					48	254	
33	Ice Wind Load (150)	DL					48	254	
34	Ice Wind Load (180)	DL					24	127	
35	Ice Wind Load (210)	DL					48	254	
36	Ice Wind Load (240)	DL					48	254	
37	Ice Wind Load (270)	DL					24	127	
38	Ice Wind Load (300)	DL					48	254	
39	Ice Wind Load (330)	DL					48	254	
40	Earthquake (x-direction)	DL	-.131				24		
41	Earthquake (y-direction)	DL		-.131			24		
42	Earthquake (z-direction)	DL			-.053		24		
43	BLC 3 Transient Area Loads	None						101	
44	BLC 27 Transient Area Loads	None						101	

Joint Boundary Conditions

	Joint Label	X [k/in]	Y [k/in]	Z [k/in]	X Rot.[k-ft/rad]	Y Rot.[k-ft/rad]	Z Rot.[k-ft/rad]
1	N11	Reaction	Reaction	Reaction	Reaction	Reaction	Reaction
2	N14	Reaction	Reaction	Reaction	Reaction	Reaction	Reaction
3	N12A	Reaction	Reaction	Reaction	Reaction	Reaction	Reaction
4	N16	Reaction	Reaction	Reaction	Reaction	Reaction	Reaction
5	N255A	Reaction	Reaction	Reaction	Reaction	Reaction	Reaction
6	N256A	Reaction	Reaction	Reaction	Reaction	Reaction	Reaction
7	N257	Reaction	Reaction	Reaction	Reaction	Reaction	Reaction



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Joint Boundary Conditions (Continued)

Joint Label	X [k/in]	Y [k/in]	Z [k/in]	X Rot.[k-ft/rad]	Y Rot.[k-ft/rad]	Z Rot.[k-ft/rad]
8 N258	Reaction	Reaction	Reaction	Reaction	Reaction	Reaction

Hot Rolled Steel Design Parameters

Label	Shape	Length[ft]	Lbyy[ft]	Lbzz[ft]	Lcomp top[ft]	Lcomp bot[ft]	L-torque[ft]	Kyy	Kzz	Cb	Function
1	VERTC5	L2.5x2.5x3	3.167			Lbyy					Lateral
2	VERTC4	L2.5x2.5x3	3.167			Lbyy					Lateral
3	VERTC3	L2.5x2.5x3	3.167			Lbyy					Lateral
4	VERTC2	L2.5x2.5x3	3.167			Lbyy					Lateral
5	VERTC1	L2.5x2.5x3	3.167			Lbyy					Lateral
6	VERTA5	L2.5x2.5x3	3.167			Lbyy					Lateral
7	VERTA4	L2.5x2.5x3	3.167			Lbyy					Lateral
8	VERTA3	L2.5x2.5x3	3.167			Lbyy					Lateral
9	VERTA2	L2.5x2.5x3	3.167			Lbyy					Lateral
10	VERTA1	L2.5x2.5x3	3.167			Lbyy					Lateral
11	VERT28	L2.5x2.5x3	3.667			Lbyy					Lateral
12	VERT27	L2.5x2.5x3	3.667			Lbyy					Lateral
13	VERT26	L2.5x2.5x3	3.667			Lbyy					Lateral
14	VERT25	L2.5x2.5x3	3.667			Lbyy					Lateral
15	VERT24	L2.5x2.5x3	3.667			Lbyy					Lateral
16	VERT23	L2.5x2.5x3	3.667			Lbyy					Lateral
17	VERT22	L2.5x2.5x3	3.667			Lbyy					Lateral
18	VERT13	L2.5x2.5x3	3.667			Lbyy					Lateral
19	VERT12	L2.5x2.5x3	3.667			Lbyy					Lateral
20	VERT11	L2.5x2.5x3	3.667			Lbyy					Lateral
21	VERT10	L2.5x2.5x3	3.667			Lbyy					Lateral
22	VERT9	L2.5x2.5x3	3.667			Lbyy					Lateral
23	VERT8	L2.5x2.5x3	3.667			Lbyy					Lateral
24	SODIAG1D	L2.5x2.5x3	5.075			Lbyy					Lateral
25	SODIAG1C	L2.5x2.5x3	5.075			Lbyy					Lateral
26	SO2D	L2.5x2.5x3	4.42			Lbyy					Lateral
27	SO2C	L2.5x2.5x3	4.42			Lbyy					Lateral
28	SO1D	L2.5x2.5x3	4.42			Lbyy					Lateral
29	SO1C	L2.5x2.5x3	4.42			Lbyy					Lateral
30	RAIL14	L2.5x2.5x3	7.5			Lbyy					Lateral
31	RAIL13	L2.5x2.5x3	7.5			Lbyy					Lateral
32	RAIL6	L2.5x2.5x3	7.5			Lbyy					Lateral
33	RAIL5	L2.5x2.5x3	7.5			Lbyy					Lateral
34	PL8	7X0.375	.75			Lbyy					Lateral
35	PL7	7X0.375	.75			Lbyy					Lateral
36	PL5	7X0.375	.75			Lbyy					Lateral
37	PL4	7X0.375	.75			Lbyy					Lateral
38	PL1	7X0.375	.75			Lbyy					Lateral
39	PIPE1D	PIPE 2.5	4.75			Lbyy					Lateral
40	PIPE1C	PIPE 2.5	4.75			Lbyy					Lateral
41	MTIEBACK	PIPE 2.5	7.202			Lbyy					Lateral
42	MSTAB6	L2.5x2.5x4	5.852			Lbyy					Lateral
43	MSTAB5	L2.5x2.5x4	5.852			Lbyy					Lateral
44	MSTAB4	L2.5x2.5x4	6.801			Lbyy					Lateral
45	MSTAB3	L2.5x2.5x4	6.801			Lbyy					Lateral
46	MSTAB2	L2.5x2.5x4	6.801			Lbyy					Lateral
47	MSTAB1	L2.5x2.5x4	6.801			Lbyy					Lateral
48	MRAIL3	PIPE 3.0	14.5			Lbyy					Lateral
49	MRAIL2	PIPE 3.0	14.5			Lbyy					Lateral
50	MRAIL1	PIPE 3.0	14.5			Lbyy					Lateral
51	MP GAMMA3	PIPE 2.5	8.5			Lbyy					Lateral



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Hot Rolled Steel Design Parameters (Continued)

	Label	Shape	Length[ft]	Lbyy[ft]	Lbzz[ft]	Lcomp top[ft]	Lcomp bot[ft]	L-torque[ft]	Kyy	Kzz	Cb	Function
52	MP GAMMA2	PIPE 3.0	11.1			Lbyy						Lateral
53	MP GAMMA1	PIPE 2.5	8.5			Lbyy						Lateral
54	MP BETA3	PIPE 2.5	8.5			Lbyy						Lateral
55	MP BETA2	PIPE 3.0	11.1			Lbyy						Lateral
56	MP BETA1	PIPE 2.5	8.5			Lbyy						Lateral
57	MP ALPHA3	PIPE 2.5	8.5			Lbyy						Lateral
58	MP ALPHA2	PIPE 3.0	11.1			Lbyy						Lateral
59	MP ALPHA1	PIPE 2.5	8.5			Lbyy						Lateral
60	MID RAIL8	L2.5x2.5x3	9.333			Lbyy						Lateral
61	MID RAIL7	L2.5x2.5x3	9.333			Lbyy						Lateral
62	MID RAIL4	L2.5x2.5x3	9.333			Lbyy						Lateral
63	MID RAIL3	L2.5x2.5x3	9.333			Lbyy						Lateral
64	M170	L10.5x5x4	7.5			Lbyy						Lateral
65	M169	L5X3.5X4	.75			Lbyy						Lateral
66	KICKER8	LL2.5x2.5x...	11.511			Lbyy						Lateral
67	KICKER7	LL2.5x2.5x...	11.511			Lbyy						Lateral
68	KICKER6	LL2.5x2.5x...	11.511			Lbyy						Lateral
69	KICKER5	LL2.5x2.5x...	11.511			Lbyy						Lateral
70	KICKER4	LL2.5x2.5x...	11.511			Lbyy						Lateral
71	KICKER3	LL2.5x2.5x...	11.511			Lbyy						Lateral
72	KICKER2	LL2.5x2.5x...	11.511			Lbyy						Lateral
73	KICKER1	LL2.5x2.5x...	11.511			Lbyy						Lateral
74	INNER8	W8X21	7			Lbyy						Lateral
75	INNER7	W8X21	7			Lbyy						Lateral
76	INNER6	W8X21	7			Lbyy						Lateral
77	INNER5	W8X21	7			Lbyy						Lateral
78	INNER4	W8X21	7			Lbyy						Lateral
79	INNER3	W8X21	7			Lbyy						Lateral
80	INNER2	W8X21	7			Lbyy						Lateral
81	INNER1	W8X21	7			Lbyy						Lateral
82	HORIZ16	L2.5x2.5x3	.75			Lbyy						Lateral
83	HORIZ15	L2.5x2.5x3	.75			Lbyy						Lateral
84	HORIZ14	L2.5x2.5x3	.75			Lbyy						Lateral
85	HORIZ13	L2.5x2.5x3	.75			Lbyy						Lateral
86	HORIZ6	L2.5x2.5x3	.75			Lbyy						Lateral
87	HORIZ5	L2.5x2.5x3	.75			Lbyy						Lateral
88	H DIAG8	L2.5x2.5x3	7.766			Lbyy						Lateral
89	H DIAG7	L2.5x2.5x3	7.766			Lbyy						Lateral
90	H DIAG6	L2.5x2.5x3	7.766			Lbyy						Lateral
91	H DIAG5	L2.5x2.5x3	7.766			Lbyy						Lateral
92	H DIAG4	L2.5x2.5x3	7.766			Lbyy						Lateral
93	H DIAG3	L2.5x2.5x3	7.766			Lbyy						Lateral
94	H DIAG2	L2.5x2.5x3	7.766			Lbyy						Lateral
95	H DIAG1	L2.5x2.5x3	7.766			Lbyy						Lateral
96	GAMMATIEBA...	PIPE 2.5	7.202			Lbyy						Lateral
97	FACEC6	L2.5x2.5x3	4			Lbyy						Lateral
98	FACEC5	L2.5x2.5x3	4			Lbyy						Lateral
99	FACEC4	L2.5x2.5x3	4			Lbyy						Lateral
100	FACEC3	L2.5x2.5x3	6.833			Lbyy						Lateral
101	FACEC2	L2.5x2.5x3	6.833			Lbyy						Lateral
102	FACEC1	L2.5x2.5x3	6.833			Lbyy						Lateral
103	FACEA6	L2.5x2.5x3	4			Lbyy						Lateral
104	FACEA5	L2.5x2.5x3	4			Lbyy						Lateral
105	FACEA4	L2.5x2.5x3	4			Lbyy						Lateral
106	FACEA3	L2.5x2.5x3	6.833			Lbyy						Lateral
107	FACEA2	L2.5x2.5x3	6.833			Lbyy						Lateral
108	FACEA1	L2.5x2.5x3	6.833			Lbyy						Lateral



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Hot Rolled Steel Design Parameters (Continued)

	Label	Shape	Length[ft]	Lbyy[ft]	Lbzz[ft]	Lcomp top[ft]	Lcomp bot[ft]	L-torque[ft]	Kyy	Kzz	Cb	Function
109	FACE12	W8X21	7			Lbyy						Lateral
110	FACE11	W8X21	7			Lbyy						Lateral
111	FACE10	W8X21	7			Lbyy						Lateral
112	FACE9	W8X21	7			Lbyy						Lateral
113	FACE8	W8X21	8.833			Lbyy						Lateral
114	FACE7	W8X21	8.833			Lbyy						Lateral
115	FACE6	W8X21	8.833			Lbyy						Lateral
116	FACE5	W8X21	8.833			Lbyy						Lateral
117	FACE4	W8X21	7			Lbyy						Lateral
118	FACE3	W8X21	7			Lbyy						Lateral
119	FACE2	W8X21	7			Lbyy						Lateral
120	FACE1	W8X21	7			Lbyy						Lateral
121	DELTA TIEBA...	PIPE 2.5	6.432			Lbyy						Lateral
122	ANGLE4	L5X3.5X4	.75			Lbyy						Lateral
123	ANGLE3	L5X3.5X4	.75			Lbyy						Lateral
124	ANG FACE8	L10.5x5x4	7.5			Lbyy						Lateral
125	ANG FACE5	L10.5x5x4	7.5			Lbyy						Lateral
126	ANG FACE4	L10.5x5x4	7.5			Lbyy						Lateral
127	ANG FACE1	L10.5x5x4	7.5			Lbyy						Lateral

Member Primary Data

	Label	I Joint	J Joint	K Joint	Rotate(...)	Section/Shape	Type	Design List	Material	Design Rules
1	VERTC5	N216	N218		180	L2.5x2.5x3	Beam	Single Angle	A36 Gr.36	Typical
2	VERTC4	N217	N219		180	L2.5x2.5x3	Beam	Single Angle	A36 Gr.36	Typical
3	VERTC3	N205	N206		180	L2.5x2.5x3	Beam	Single Angle	A36 Gr.36	Typical
4	VERTC2	N200A	N204A		180	L2.5x2.5x3	Beam	Single Angle	A36 Gr.36	Typical
5	VERTC1	N199	N203		180	L2.5x2.5x3	Beam	Single Angle	A36 Gr.36	Typical
6	VERTA5	N229	N231		360	L2.5x2.5x3	Beam	Single Angle	A36 Gr.36	Typical
7	VERTA4	N230	N232		360	L2.5x2.5x3	Beam	Single Angle	A36 Gr.36	Typical
8	VERTA3	N183	N184			L2.5x2.5x3	Beam	Single Angle	A36 Gr.36	Typical
9	VERTA2	N174	N178			L2.5x2.5x3	Beam	Single Angle	A36 Gr.36	Typical
10	VERTA1	N173	N177			L2.5x2.5x3	Beam	Single Angle	A36 Gr.36	Typical
11	VERT28	N32	N144			L2.5x2.5x3	Beam	Single Angle	A36 Gr.36	Typical
12	VERT27	N30	N131		180	L2.5x2.5x3	Beam	Single Angle	A36 Gr.36	Typical
13	VERT26	N136	N137		180	L2.5x2.5x3	Beam	Single Angle	A36 Gr.36	Typical
14	VERT25	N138	N139		270	L2.5x2.5x3	Beam	Single Angle	A36 Gr.36	Typical
15	VERT24	N31	N134		270	L2.5x2.5x3	Beam	Single Angle	A36 Gr.36	Typical
16	VERT23	N33	N140		90	L2.5x2.5x3	Beam	Single Angle	A36 Gr.36	Typical
17	VERT22	N204	N84			L2.5x2.5x3	Beam	Single Angle	A36 Gr.36	Typical
18	VERT13	N22	N89			L2.5x2.5x3	Beam	Single Angle	A36 Gr.36	Typical
19	VERT12	N94	N95			L2.5x2.5x3	Beam	Single Angle	A36 Gr.36	Typical
20	VERT11	N96	N97		90	L2.5x2.5x3	Beam	Single Angle	A36 Gr.36	Typical
21	VERT10	N23A	N92		90	L2.5x2.5x3	Beam	Single Angle	A36 Gr.36	Typical
22	VERT9	N25	N98		270	L2.5x2.5x3	Beam	Single Angle	A36 Gr.36	Typical
23	VERT8	N200	N99		180	L2.5x2.5x3	Beam	Single Angle	A36 Gr.36	Typical
24	SODIAG1D	N111	N118		90	L2.5x2.5x3	Beam	Single Angle	A36 Gr.36	Typical
25	SODIAG1C	N135A	N142A		180	L2.5x2.5x3	Beam	Single Angle	A36 Gr.36	Typical
26	SO2D	N108	N110			L2.5x2.5x3	Beam	Single Angle	A36 Gr.36	Typical
27	SO2C	N132A	N134A			L2.5x2.5x3	Beam	Single Angle	A36 Gr.36	Typical
28	SO1D	N107	N109		270	L2.5x2.5x3	Beam	Single Angle	A36 Gr.36	Typical
29	SO1C	N131A	N133		270	L2.5x2.5x3	Beam	Single Angle	A36 Gr.36	Typical
30	RAIL14	N142	N86			L2.5x2.5x3	Beam	Single Angle	A36 Gr.36	Typical
31	RAIL13	N140	N84		90	L2.5x2.5x3	Beam	Single Angle	A36 Gr.36	Typical
32	RAIL6	N100	N101		180	L2.5x2.5x3	Beam	Single Angle	A36 Gr.36	Typical
33	RAIL5	N98	N99		270	L2.5x2.5x3	Beam	Single Angle	A36 Gr.36	Typical



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	Label	I Joint	J Joint	K Joint	Rotate(...)	Section/Shape	Type	Design List	Material	Design Rules
34	PL8	N31	N33		90	7X0.375	Beam	RECT	A36 Gr.36	Typical
35	PL7	N30	N32		90	7X0.375	Beam	RECT	A36 Gr.36	Typical
36	PL5	N18	N20		90	7X0.375	Beam	RECT	A36 Gr.36	Typical
37	PL4	N23A	N25		270	7X0.375	Beam	RECT	A36 Gr.36	Typical
38	PL1	N26	N28		270	7X0.375	Beam	RECT	A36 Gr.36	Typical
39	PIPE1D	N102	N101A			PIPE 2.5	Beam	Pipe	A53 Gr.B	Typical
40	PIPE1C	N126	N125			PIPE 2.5	Beam	Pipe	A53 Gr.B	Typical
41	MTIEBACK	N287	N290			PIPE 2.5	Beam	Pipe	A53 Gr.B	Typical
42	MSTAB6	N263A	N282			L2.5x2.5x4	Beam	Single Angle	A36 Gr.36	Typical
43	MSTAB5	N284	N264A			L2.5x2.5x4	Beam	Single Angle	A36 Gr.36	Typical
44	MSTAB4	N273A	N285		270	L2.5x2.5x4	Beam	Single Angle	A36 Gr.36	Typical
45	MSTAB3	N286	N274A		90	L2.5x2.5x4	Beam	Single Angle	A36 Gr.36	Typical
46	MSTAB2	N272A	N283		180	L2.5x2.5x4	Beam	Single Angle	A36 Gr.36	Typical
47	MSTAB1	N281	N271A		180	L2.5x2.5x4	Beam	Single Angle	A36 Gr.36	Typical
48	MRAIL3	N248	N251			PIPE 3.0	Beam	Pipe	A53 Gr.B	Typical
49	MRAIL2	N258A	N259A			PIPE 3.0	Beam	Pipe	A53 Gr.B	Typical
50	MRAIL1	N249	N250			PIPE 3.0	Beam	Pipe	A53 Gr.B	Typical
51	MP GAMM...	N116	N117			PIPE 2.5	Beam	Pipe	A53 Gr.B	Typical
52	MP GAMM...	N181	N182			PIPE 3.0	Beam	Pipe	A53 Gr.B	Typical
53	MP GAMM...	N140A	N141			PIPE 2.5	Beam	Pipe	A53 Gr.B	Typical
54	MP BETA3	N169	N170			PIPE 2.5	Beam	Pipe	A53 Gr.B	Typical
55	MP BETA2	N165	N166			PIPE 3.0	Beam	Pipe	A53 Gr.B	Typical
56	MP BETA1	N161	N162			PIPE 2.5	Beam	Pipe	A53 Gr.B	Typical
57	MP ALPHA3	N158	N157			PIPE 2.5	Beam	Pipe	A53 Gr.B	Typical
58	MP ALPHA2	N154	N153			PIPE 3.0	Beam	Pipe	A53 Gr.B	Typical
59	MP ALPHA1	N150	N149			PIPE 2.5	Beam	Pipe	A53 Gr.B	Typical
60	MID RAIL8	N135	N132		270	L2.5x2.5x3	Beam	Single Angle	A36 Gr.36	Typical
61	MID RAIL7	N134	N131		180	L2.5x2.5x3	Beam	Single Angle	A36 Gr.36	Typical
62	MID RAIL4	N93	N90		90	L2.5x2.5x3	Beam	Single Angle	A36 Gr.36	Typical
63	MID RAIL3	N92	N89			L2.5x2.5x3	Beam	Single Angle	A36 Gr.36	Typical
64	M205	N287	N288			RIGID	None	None	RIGID	Typical
65	M204	N289	N290			RIGID	None	None	RIGID	Typical
66	M196	N279	N284			RIGID	None	None	RIGID	Typical
67	M195	N279	N282			RIGID	None	None	RIGID	Typical
68	M194	N276	N279			RIGID	None	None	RIGID	Typical
69	M193	N280	N286			RIGID	None	None	RIGID	Typical
70	M192	N280	N285			RIGID	None	None	RIGID	Typical
71	M191	N277	N280			RIGID	None	None	RIGID	Typical
72	M190	N278	N283			RIGID	None	None	RIGID	Typical
73	M189	N278	N281			RIGID	None	None	RIGID	Typical
74	M188	N275	N278			RIGID	None	None	RIGID	Typical
75	M187	N269A	N273A			RIGID	None	None	RIGID	Typical
76	M186	N270A	N274A			RIGID	None	None	RIGID	Typical
77	M185	N267A	N271A			RIGID	None	None	RIGID	Typical
78	M184	N268B	N272A			RIGID	None	None	RIGID	Typical
79	M183	N261A	N263A			RIGID	None	None	RIGID	Typical
80	M182	N262A	N264A			RIGID	None	None	RIGID	Typical
81	M180	N253A	N252A			RIGID	None	None	RIGID	Typical
82	M179	N255B	N254A			RIGID	None	None	RIGID	Typical
83	M178	N257A	N256B			RIGID	None	None	RIGID	Typical
84	M175	N238A	N239A			RIGID	None	None	RIGID	Typical
85	M174	N241A	N240			RIGID	None	None	RIGID	Typical
86	M173	N243	N242			RIGID	None	None	RIGID	Typical
87	M172	N245	N244			RIGID	None	None	RIGID	Typical
88	M171	N246	N247			RIGID	None	None	RIGID	Typical
89	M170	N32	N238			L10.5x5x4	Beam	Single Angle	A36 Gr.36	Typical
90	M169	N239	N2			L5X3.5X4	Beam	Single Angle	A36 Gr.36	Typical



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91	KICKER8	N274	N262		270	LL2.5x2.5x4x3	Beam	Single Angle	A36 Gr.36	Typical
92	KICKER7	N273	N261		270	LL2.5x2.5x4x3	Beam	Single Angle	A36 Gr.36	Typical
93	KICKER6	N268	N264		180	LL2.5x2.5x4x3	Beam	Single Angle	A36 Gr.36	Typical
94	KICKER5	N267	N263		180	LL2.5x2.5x4x3	Beam	Single Angle	A36 Gr.36	Typical
95	KICKER4	N270	N266		90	LL2.5x2.5x4x3	Beam	Single Angle	A36 Gr.36	Typical
96	KICKER3	N269	N265		90	LL2.5x2.5x4x3	Beam	Single Angle	A36 Gr.36	Typical
97	KICKER2	N272	N260			LL2.5x2.5x4x3	Beam	Single Angle	A36 Gr.36	Typical
98	KICKER1	N271	N259			LL2.5x2.5x4x3	Beam	Single Angle	A36 Gr.36	Typical
99	INNER8	N16	N19		270	W8X21	Beam	Wide Flange	A992	Typical
100	INNER7	N11	N21		270	W8X21	Beam	Wide Flange	A992	Typical
101	INNER6	N11	N12		270	W8X21	Beam	Wide Flange	A992	Typical
102	INNER5	N14	N27		270	W8X21	Beam	Wide Flange	A992	Typical
103	INNER4	N14	N11A		90	W8X21	Beam	Wide Flange	A992	Typical
104	INNER3	N12A	N13		90	W8X21	Beam	Wide Flange	A992	Typical
105	INNER2	N12A	N15		90	W8X21	Beam	Wide Flange	A992	Typical
106	INNER1	N16	N17		90	W8X21	Beam	Wide Flange	A992	Typical
107	HORIZ16	N132	N146		180	L2.5x2.5x3	Beam	Single Angle	A36 Gr.36	Typical
108	HORIZ15	N131	N144		180	L2.5x2.5x3	Beam	Single Angle	A36 Gr.36	Typical
109	HORIZ14	N142	N135			L2.5x2.5x3	Beam	Single Angle	A36 Gr.36	Typical
110	HORIZ13	N140	N134			L2.5x2.5x3	Beam	Single Angle	A36 Gr.36	Typical
111	HORIZ6	N100	N93		180	L2.5x2.5x3	Beam	Single Angle	A36 Gr.36	Typical
112	HORIZ5	N98	N92		180	L2.5x2.5x3	Beam	Single Angle	A36 Gr.36	Typical
113	H DIAG8	N254	N255		90	L2.5x2.5x3	Beam	Single Angle	A36 Gr.36	Typical
114	H DIAG7	N253	N256			L2.5x2.5x3	Beam	Single Angle	A36 Gr.36	Typical
115	H DIAG6	N242A	N243A		270	L2.5x2.5x3	Beam	Single Angle	A36 Gr.36	Typical
116	H DIAG5	N241	N244A			L2.5x2.5x3	Beam	Single Angle	A36 Gr.36	Typical
117	H DIAG4	N246A	N247A		270	L2.5x2.5x3	Beam	Single Angle	A36 Gr.36	Typical
118	H DIAG3	N245A	N248A		180	L2.5x2.5x3	Beam	Single Angle	A36 Gr.36	Typical
119	H DIAG2	N250A	N251A		90	L2.5x2.5x3	Beam	Single Angle	A36 Gr.36	Typical
120	H DIAG1	N249A	N252		180	L2.5x2.5x3	Beam	Single Angle	A36 Gr.36	Typical
121	GAMMATI...	N143	N146A			PIPE 2.5	Beam	Pipe	A53 Gr.B	Typical
122	FACEC6	N223	N222		270	L2.5x2.5x3	Beam	Single Angle	A36 Gr.36	Typical
123	FACEC5	N221	N220		270	L2.5x2.5x3	Beam	Single Angle	A36 Gr.36	Typical
124	FACEC4	N219	N218		270	L2.5x2.5x3	Beam	Single Angle	A36 Gr.36	Typical
125	FACEC3	N209	N210		360	L2.5x2.5x3	Beam	Single Angle	A36 Gr.36	Typical
126	FACEC2	N207	N208		360	L2.5x2.5x3	Beam	Single Angle	A36 Gr.36	Typical
127	FACEC1	N203	N204A		360	L2.5x2.5x3	Beam	Single Angle	A36 Gr.36	Typical
128	FACEA6	N236	N235		90	L2.5x2.5x3	Beam	Single Angle	A36 Gr.36	Typical
129	FACEA5	N234	N233		90	L2.5x2.5x3	Beam	Single Angle	A36 Gr.36	Typical
130	FACEA4	N232	N231		90	L2.5x2.5x3	Beam	Single Angle	A36 Gr.36	Typical
131	FACEA3	N187	N188		180	L2.5x2.5x3	Beam	Single Angle	A36 Gr.36	Typical
132	FACEA2	N185	N186		180	L2.5x2.5x3	Beam	Single Angle	A36 Gr.36	Typical
133	FACEA1	N177	N178		180	L2.5x2.5x3	Beam	Single Angle	A36 Gr.36	Typical
134	FACE12	N27	N23		270	W8X21	Beam	Wide Flange	A992	Typical
135	FACE11	N21	N2		90	W8X21	Beam	Wide Flange	A992	Typical
136	FACE10	N13	N3		270	W8X21	Beam	Wide Flange	A992	Typical
137	FACE9	N17	N1		90	W8X21	Beam	Wide Flange	A992	Typical
138	FACE8	N19	N21		90	W8X21	Beam	Wide Flange	A992	Typical
139	FACE7	N12	N27		270	W8X21	Beam	Wide Flange	A992	Typical
140	FACE6	N11A	N13		270	W8X21	Beam	Wide Flange	A992	Typical
141	FACE5	N15	N17		90	W8X21	Beam	Wide Flange	A992	Typical
142	FACE4	N1	N19		90	W8X21	Beam	Wide Flange	A992	Typical
143	FACE3	N2	N12		270	W8X21	Beam	Wide Flange	A992	Typical
144	FACE2	N23	N11A		270	W8X21	Beam	Wide Flange	A992	Typical
145	FACE1	N3	N15		90	W8X21	Beam	Wide Flange	A992	Typical
146	DELTA TI...	N119	N122			PIPE 2.5	Beam	Pipe	A53 Gr.B	Typical
147	ANGLE4	N268A	N23		270	L5X3.5X4	Beam	Single Angle	A36 Gr.36	Typical



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Label	I Joint	J Joint	K Joint	Rotate(...)	Section/Shape	Type	Design List	Material	Design Rules	
148	ANGLE3	N269B	N1		90	L5X3.5X4	Beam	Single Angle	A36 Gr.36	Typical
149	ANG FACE8	N204	N33			L10.5x5x4	Beam	Single Angle	A36 Gr.36	Typical
150	ANG FACE5	N20	N200		180	L10.5x5x4	Beam	Single Angle	A36 Gr.36	Typical
151	ANG FACE4	N200	N25		180	L10.5x5x4	Beam	Single Angle	A36 Gr.36	Typical
152	ANG FACE1	N28	N204			L10.5x5x4	Beam	Single Angle	A36 Gr.36	Typical
153	54	N227	N229		180	RIGID	None	None	RIGID	Typical
154	53	N228	N230		180	RIGID	None	None	RIGID	Typical
155	52	N225	N227		180	RIGID	None	None	RIGID	Typical
156	51	N226	N228		180	RIGID	None	None	RIGID	Typical
157	50	N214	N216			RIGID	None	None	RIGID	Typical
158	49	N215	N217			RIGID	None	None	RIGID	Typical
159	48	N212A	N214			RIGID	None	None	RIGID	Typical
160	47	N213	N215			RIGID	None	None	RIGID	Typical
161	46	N202	N199		180	RIGID	None	None	RIGID	Typical
162	45	N201	N200A		180	RIGID	None	None	RIGID	Typical
163	44	N197	N201		180	RIGID	None	None	RIGID	Typical
164	43	N198	N202		180	RIGID	None	None	RIGID	Typical
165	42	N179	N180			RIGID	None	None	RIGID	Typical
166	40	N176	N173			RIGID	None	None	RIGID	Typical
167	39	N175	N174			RIGID	None	None	RIGID	Typical
168	38	N171	N175			RIGID	None	None	RIGID	Typical
169	37	N172	N176			RIGID	None	None	RIGID	Typical
170	36	N168	N167			RIGID	None	None	RIGID	Typical
171	35	N164	N163			RIGID	None	None	RIGID	Typical
172	34	N160	N159			RIGID	None	None	RIGID	Typical
173	33	N156	N155			RIGID	None	None	RIGID	Typical
174	32	N152	N151			RIGID	None	None	RIGID	Typical
175	31	N148	N147			RIGID	None	None	RIGID	Typical
176	30	N145	N146A			RIGID	None	None	RIGID	Typical
177	29	N143	N144A			RIGID	None	None	RIGID	Typical
178	28	N137A	N139A			RIGID	None	None	RIGID	Typical
179	27	N136A	N138A			RIGID	None	None	RIGID	Typical
180	26	N127	N129			RIGID	None	None	RIGID	Typical
181	25	N123	N124			RIGID	None	None	RIGID	Typical
182	24	N128	N130			RIGID	None	None	RIGID	Typical
183	23	N121	N122			RIGID	None	None	RIGID	Typical
184	22	N119	N120			RIGID	None	None	RIGID	Typical
185	21	N113	N115			RIGID	None	None	RIGID	Typical
186	20	N112	N114			RIGID	None	None	RIGID	Typical
187	19	N104	N106			RIGID	None	None	RIGID	Typical
188	18	N103	N105			RIGID	None	None	RIGID	Typical
189	17	N99A	N100A			RIGID	None	None	RIGID	Typical
190	16	N274	N21		90	RIGID	None	None	RIGID	Typical
191	15	N262	N255A		180	RIGID	None	None	RIGID	Typical
192	14	N261	N258		180	RIGID	None	None	RIGID	Typical
193	13	N273	N19		90	RIGID	None	None	RIGID	Typical
194	12	N268	N27		180	RIGID	None	None	RIGID	Typical
195	11	N264	N256A		180	RIGID	None	None	RIGID	Typical
196	10	N263	N255A		180	RIGID	None	None	RIGID	Typical
197	9	N267	N12		180	RIGID	None	None	RIGID	Typical
198	8	N270	N13		270	RIGID	None	None	RIGID	Typical
199	7	N266	N257			RIGID	None	None	RIGID	Typical
200	6	N265	N256A			RIGID	None	None	RIGID	Typical
201	5	N269	N11A		270	RIGID	None	None	RIGID	Typical
202	4	N272	N17			RIGID	None	None	RIGID	Typical
203	3	N260	N258			RIGID	None	None	RIGID	Typical
204	2	N259	N257			RIGID	None	None	RIGID	Typical



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205	1	N271	N15		RIGID	None	None	RIGID	Typical

Member Advanced Data

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Ra...	Analysis Offset[i...	Inactive	Seismic...
1	VERTC5		000000				Yes	Default			None
2	VERTC4		000000				Yes	Default			None
3	VERTC3		000000				Yes	Default			None
4	VERTC2		000000				Yes	Default			None
5	VERTC1		000000				Yes	Default			None
6	VERTA5		000000				Yes	Default			None
7	VERTA4		000000				Yes	Default			None
8	VERTA3		BenPIN				Yes	Default			None
9	VERTA2		000000				Yes	Default			None
10	VERTA1		000000				Yes	Default			None
11	VERT28						Yes				None
12	VERT27						Yes	Default			None
13	VERT26		000000				Yes	Default			None
14	VERT25		000000				Yes	Default			None
15	VERT24						Yes	Default			None
16	VERT23						Yes				None
17	VERT22						Yes				None
18	VERT13						Yes	Default			None
19	VERT12		000000				Yes	Default			None
20	VERT11		000000				Yes	Default			None
21	VERT10						Yes	Default			None
22	VERT9						Yes				None
23	VERT8						Yes				None
24	SODIAG1D	00000X	00000X				Yes	Default			None
25	SODIAG1C	00000X	00000X				Yes	Default			None
26	SO2D						Yes				None
27	SO2C						Yes				None
28	SO1D						Yes				None
29	SO1C						Yes				None
30	RAIL14	00000X	00000X				Yes				None
31	RAIL13	00000X	00000X				Yes				None
32	RAIL6	00000X	00000X				Yes				None
33	RAIL5	00000X	00000X				Yes				None
34	PL8						Yes				None
35	PL7						Yes				None
36	PL5						Yes				None
37	PL4						Yes				None
38	PL1						Yes				None
39	PIPE1D						Yes				None
40	PIPE1C						Yes				None
41	MTIEBACK	BenPIN	BenPIN				Yes	Default			None
42	MSTAB6		BenPIN				Yes	Default			None
43	MSTAB5	BenPIN					Yes	Default			None
44	MSTAB4		BenPIN				Yes	Default			None
45	MSTAB3	BenPIN					Yes	Default			None
46	MSTAB2		BenPIN				Yes	Default			None
47	MSTAB1	BenPIN					Yes	Default			None
48	MRAIL3						Yes				None
49	MRAIL2						Yes				None
50	MRAIL1						Yes	Default			None
51	MP GAMM..						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 Ra...	Analysis Offset[...	Inactive	Seismic...
52	MP GAMM...						Yes				None
53	MP GAMM...						Yes				None
54	MP BETA3						Yes				None
55	MP BETA2						Yes				None
56	MP BETA1						Yes				None
57	MP ALPHA3						Yes				None
58	MP ALPHA2						Yes				None
59	MP ALPHA1						Yes				None
60	MID RAIL8	00000X	00000X				Yes				None
61	MID RAIL7	0000XO	0000XO				Yes				None
62	MID RAIL4	00000X	00000X				Yes				None
63	MID RAIL3	0000XO	0000XO				Yes				None
64	M205						Yes	** NA **			None
65	M204						Yes	** NA **			None
66	M196						Yes	** NA **			None
67	M195						Yes	** NA **			None
68	M194						Yes	** NA **			None
69	M193						Yes	** NA **			None
70	M192						Yes	** NA **			None
71	M191						Yes	** NA **			None
72	M190						Yes	** NA **			None
73	M189						Yes	** NA **			None
74	M188						Yes	** NA **			None
75	M187						Yes	** NA **			None
76	M186						Yes	** NA **			None
77	M185						Yes	** NA **			None
78	M184						Yes	** NA **			None
79	M183						Yes	** NA **			None
80	M182						Yes	** NA **			None
81	M180						Yes	** NA **			None
82	M179						Yes	** NA **			None
83	M178						Yes	** NA **			None
84	M175						Yes	** NA **			None
85	M174						Yes	** NA **			None
86	M173						Yes	** NA **			None
87	M172						Yes	** NA **			None
88	M171						Yes	** NA **			None
89	M170						Yes				None
90	M169						Yes				None
91	KICKER8						Yes				None
92	KICKER7						Yes				None
93	KICKER6						Yes				None
94	KICKER5						Yes				None
95	KICKER4						Yes				None
96	KICKER3						Yes				None
97	KICKER2						Yes				None
98	KICKER1						Yes				None
99	INNER8						Yes				None
100	INNER7						Yes				None
101	INNER6						Yes				None
102	INNER5						Yes				None
103	INNER4						Yes				None
104	INNER3						Yes				None
105	INNER2						Yes				None
106	INNER1						Yes				None
107	HORIZ16	0000XO	0000XO				Yes				None
108	HORIZ15	0000XO	0000XO				Yes				None



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	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Ra...	Analysis Offset[i...	Inactive	Seismic...
109	HORIZ14	0000X0	0000X0				Yes				None
110	HORIZ13	0000X0	0000X0				Yes				None
111	HORIZ6	0000X0	0000X0				Yes				None
112	HORIZ5	0000X0	0000X0				Yes				None
113	H DIAG8	0000X0	0000X0				Yes				None
114	H DIAG7	00000X	00000X				Yes				None
115	H DIAG6	0000X0	0000X0				Yes				None
116	H DIAG5	00000X	00000X				Yes				None
117	H DIAG4	0000X0	0000X0				Yes				None
118	H DIAG3	00000X	00000X				Yes				None
119	H DIAG2	0000X0	0000X0				Yes				None
120	H DIAG1	00000X	00000X				Yes				None
121	GAMMATI...		BenPIN				Yes	Default			None
122	FACEC6	00000X	00000X				Yes	Default			None
123	FACEC5	00000X	00000X				Yes	Default			None
124	FACEC4	00000X	00000X				Yes	Default			None
125	FACEC3	0000X0	0000X0				Yes	Default			None
126	FACEC2	0000X0	0000X0				Yes	Default			None
127	FACEC1	0000X0	0000X0				Yes	Default			None
128	FACEA6	00000X	00000X				Yes	Default			None
129	FACEA5	00000X	00000X				Yes	Default			None
130	FACEA4	00000X	00000X				Yes	Default			None
131	FACEA3	0000X0	0000X0				Yes	Default			None
132	FACEA2	0000X0	0000X0				Yes	Default			None
133	FACEA1	0000X0	0000X0				Yes	Default			None
134	FACE12						Yes				None
135	FACE11						Yes				None
136	FACE10						Yes				None
137	FACE9						Yes	Default			None
138	FACE8						Yes				None
139	FACE7						Yes				None
140	FACE6						Yes				None
141	FACE5						Yes				None
142	FACE4						Yes	Default			None
143	FACE3						Yes	Default			None
144	FACE2						Yes	Default			None
145	FACE1						Yes	Default			None
146	DELTA TI...		BenPIN				Yes	Default			None
147	ANGLE4						Yes				None
148	ANGLE3						Yes				None
149	ANG FACE8						Yes				None
150	ANG FACE5						Yes				None
151	ANG FACE4						Yes				None
152	ANG FACE1						Yes				None
153	54						Yes	** NA **			None
154	53						Yes	** NA **			None
155	52						Yes	** NA **			None
156	51						Yes	** NA **			None
157	50						Yes	** NA **			None
158	49						Yes	** NA **			None
159	48						Yes	** NA **			None
160	47						Yes	** NA **			None
161	46						Yes	** NA **			None
162	45						Yes	** NA **			None
163	44						Yes	** NA **			None
164	43						Yes	** NA **			None
165	42						Yes	** NA **			None



Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Ra...	Analysis Offset[...	Inactive	Seismic...
166	40						Yes	** NA **			None
167	39						Yes	** NA **			None
168	38						Yes	** NA **			None
169	37						Yes	** NA **			None
170	36						Yes	** NA **			None
171	35						Yes	** NA **			None
172	34						Yes	** NA **			None
173	33						Yes	** NA **			None
174	32						Yes	** NA **			None
175	31						Yes	** NA **			None
176	30						Yes	** NA **			None
177	29						Yes	** NA **			None
178	28						Yes	** NA **			None
179	27						Yes	** NA **			None
180	26						Yes	** NA **			None
181	25						Yes	** NA **			None
182	24						Yes	** NA **			None
183	23						Yes	** NA **			None
184	22						Yes	** NA **			None
185	21						Yes	** NA **			None
186	20						Yes	** NA **			None
187	19						Yes	** NA **			None
188	18						Yes	** NA **			None
189	17						Yes	** NA **			None
190	16						Yes	** NA **			None
191	15						Yes	** NA **			None
192	14						Yes	** NA **			None
193	13						Yes	** NA **			None
194	12						Yes	** NA **			None
195	11						Yes	** NA **			None
196	10						Yes	** NA **			None
197	9						Yes	** NA **			None
198	8						Yes	** NA **			None
199	7						Yes	** NA **			None
200	6						Yes	** NA **			None
201	5						Yes	** NA **			None
202	4						Yes	** NA **			None
203	3						Yes	** NA **			None
204	2						Yes	** NA **			None
205	1						Yes	** NA **			None

Hot Rolled Steel Properties

	Label	E [ksi]	G [ksi]	Nu	Therm (/1...	Density[k/ft^3]	Yield[ksi]	Ry	Fu[ksi]	Rt
1	A992	29000	11154	.3	.65	.49	50	1.1	65	1.1
2	A36 Gr.36	29000	11154	.3	.65	.49	36	1.5	58	1.2
3	A572 Gr.50	29000	11154	.3	.65	.49	50	1.1	65	1.1
4	A500 Gr.B RND	29000	11154	.3	.65	.527	42	1.4	58	1.3
5	A500 Gr.B Rect	29000	11154	.3	.65	.527	46	1.4	58	1.3
6	A53 Gr.B	29000	11154	.3	.65	.49	35	1.6	60	1.2
7	A1085	29000	11154	.3	.65	.49	50	1.4	65	1.3
8	A913 Gr.65	29000	11154	.3	.65	.49	65	1.1	80	1.1
9	SAE J429	29000	11154	.3	.65	.49	57	1.5	74	1.2



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Member Point Loads (BLC 1 : Live Load)

	Member Label	Direction	Magnitude[k.k-ft]	Location[ft,%]
1	FACE1	Z	-5	0

Member Point Loads (BLC 2 : Wind Load (0))

	Member Label	Direction	Magnitude[k.k-ft]	Location[ft,%]
1	MP ALPHA1	Y	-.325	8.167
2	MP ALPHA1	Y	-.325	2.333
3	MP ALPHA3	Y	-.095	7.167
4	MP ALPHA3	Y	-.095	3.833
5	MP ALPHA3	Y	-.086	5.5
6	MP BETA3	Y	-.066	5.5
7	MP GAMMA3	Y	-.086	5.5
8	MP ALPHA1	Y	-.096	5.5
9	MP BETA1	Y	-.047	5.5
10	MP GAMMA1	Y	-.096	5.5
11	MP ALPHA2	Y	-.102	7.333
12	MP ALPHA2	Y	-.102	5.667
13	MP GAMMA1	Y	-.242	8.417
14	MP GAMMA1	Y	-.242	2.583
15	MP GAMMA3	Y	-.072	7.167
16	MP GAMMA3	Y	-.072	3.833
17	MP GAMMA2	Y	-.077	7.333
18	MP GAMMA2	Y	-.077	5.667
19	MP BETA1	Y	-.159	8.167
20	MP BETA1	Y	-.159	2.333
21	MP BETA3	Y	-.049	7.167
22	MP BETA3	Y	-.049	3.833
23	MP BETA2	Y	-.052	7.333
24	MP BETA2	Y	-.052	5.667

Member Point Loads (BLC 3 : Dead Load)

	Member Label	Direction	Magnitude[k.k-ft]	Location[ft,%]
1	MP ALPHA1	Z	-.061	8.167
2	MP ALPHA1	Z	-.061	2.333
3	MP ALPHA3	Z	-.012	7.167
4	MP ALPHA3	Z	-.012	3.833
5	MP ALPHA3	Z	-.109	5.5
6	MP BETA3	Z	-.109	5.5
7	MP GAMMA3	Z	-.109	5.5
8	MP ALPHA1	Z	-.081	5.5
9	MP BETA1	Z	-.081	5.5
10	MP GAMMA1	Z	-.081	5.5
11	MP ALPHA2	Z	-.042	7.333
12	MP ALPHA2	Z	-.042	5.667
13	MP GAMMA1	Z	-.061	8.417
14	MP GAMMA1	Z	-.061	2.583
15	MP GAMMA3	Z	-.012	7.167
16	MP GAMMA3	Z	-.012	3.833
17	MP GAMMA2	Z	-.042	7.333
18	MP GAMMA2	Z	-.042	5.667
19	MP BETA1	Z	-.061	8.167
20	MP BETA1	Z	-.061	2.333
21	MP BETA3	Z	-.012	7.167
22	MP BETA3	Z	-.012	3.833
23	MP BETA2	Z	-.042	7.333
24	MP BETA2	Z	-.042	5.667



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Member Point Loads (BLC 4 : Wind Load (30))

	Member Label	Direction	Magnitude[k.k-ft]	Location[ft. %]
1	MP ALPHA1	Y	-0.282	8.167
2	MP ALPHA1	Y	-0.282	2.333
3	MP ALPHA1	X	-0.163	8.167
4	MP ALPHA1	X	-0.163	2.333
5	MP ALPHA3	Y	-0.083	7.167
6	MP ALPHA3	Y	-0.083	3.833
7	MP ALPHA3	X	-0.048	7.167
8	MP ALPHA3	X	-0.048	3.833
9	MP ALPHA3	Y	-0.07	5.5
10	MP ALPHA3	X	-0.04	5.5
11	MP BETA3	Y	-0.061	5.5
12	MP BETA3	X	-0.035	5.5
13	MP GAMMA3	Y	-0.07	5.5
14	MP GAMMA3	X	-0.04	5.5
15	MP ALPHA1	Y	-0.073	5.5
16	MP ALPHA1	X	-0.042	5.5
17	MP BETA1	Y	-0.051	5.5
18	MP BETA1	X	-0.03	5.5
19	MP GAMMA1	Y	-0.073	5.5
20	MP GAMMA1	X	-0.042	5.5
21	MP ALPHA2	Y	-0.088	7.333
22	MP ALPHA2	Y	-0.088	5.667
23	MP ALPHA2	X	-0.051	7.333
24	MP ALPHA2	X	-0.051	5.667
25	MP GAMMA1	Y	-0.282	8.417
26	MP GAMMA1	Y	-0.282	2.583
27	MP GAMMA1	X	-0.163	8.417
28	MP GAMMA1	X	-0.163	2.583
29	MP GAMMA3	Y	-0.043	7.167
30	MP GAMMA3	Y	-0.043	3.833
31	MP GAMMA3	X	-0.025	7.167
32	MP GAMMA3	X	-0.025	3.833
33	MP GAMMA2	Y	-0.088	7.333
34	MP GAMMA2	Y	-0.088	5.667
35	MP GAMMA2	X	-0.051	7.333
36	MP GAMMA2	X	-0.051	5.667
37	MP BETA1	Y	-0.138	8.167
38	MP BETA1	Y	-0.138	2.333
39	MP BETA1	X	-0.079	8.167
40	MP BETA1	X	-0.079	2.333
41	MP BETA3	Y	-0.043	7.167
42	MP BETA3	Y	-0.043	3.833
43	MP BETA3	X	-0.025	7.167
44	MP BETA3	X	-0.025	3.833
45	MP BETA2	Y	-0.045	7.333
46	MP BETA2	Y	-0.045	5.667
47	MP BETA2	X	-0.026	7.333
48	MP BETA2	X	-0.026	5.667

Member Point Loads (BLC 5 : Wind Load (60))

	Member Label	Direction	Magnitude[k.k-ft]	Location[ft. %]
1	MP ALPHA1	Y	-0.121	8.167
2	MP ALPHA1	Y	-0.121	2.333
3	MP ALPHA1	X	-0.21	8.167
4	MP ALPHA1	X	-0.21	2.333
5	MP ALPHA3	Y	-0.036	7.167



Member Point Loads (BLC 5 : Wind Load (60)) (Continued)

	Member Label	Direction	Magnitude[k.k-ft]	Location[ft,%]
6	MP ALPHA3	Y	-036	3.833
7	MP ALPHA3	X	-063	7.167
8	MP ALPHA3	X	-063	3.833
9	MP ALPHA3	Y	-035	5.5
10	MP ALPHA3	X	-061	5.5
11	MP BETA3	Y	-.04	5.5
12	MP BETA3	X	-.07	5.5
13	MP GAMMA3	Y	-.035	5.5
14	MP GAMMA3	X	-.061	5.5
15	MP ALPHA1	Y	-.03	5.5
16	MP ALPHA1	X	-.051	5.5
17	MP BETA1	Y	-.042	5.5
18	MP BETA1	X	-.073	5.5
19	MP GAMMA1	Y	-.03	5.5
20	MP GAMMA1	X	-.051	5.5
21	MP ALPHA2	Y	-.038	7.333
22	MP ALPHA2	Y	-.038	5.667
23	MP ALPHA2	X	-.067	7.333
24	MP ALPHA2	X	-.067	5.667
25	MP GAMMA1	Y	-.163	8.417
26	MP GAMMA1	Y	-.163	2.583
27	MP GAMMA1	X	-.282	8.417
28	MP GAMMA1	X	-.282	2.583
29	MP GAMMA3	Y	-.025	7.167
30	MP GAMMA3	Y	-.025	3.833
31	MP GAMMA3	X	-.043	7.167
32	MP GAMMA3	X	-.043	3.833
33	MP GAMMA2	Y	-.051	7.333
34	MP GAMMA2	Y	-.051	5.667
35	MP GAMMA2	X	-.088	7.333
36	MP GAMMA2	X	-.088	5.667
37	MP BETA1	Y	-.121	8.167
38	MP BETA1	Y	-.121	2.333
39	MP BETA1	X	-.21	8.167
40	MP BETA1	X	-.21	2.333
41	MP BETA3	Y	-.036	7.167
42	MP BETA3	Y	-.036	3.833
43	MP BETA3	X	-.063	7.167
44	MP BETA3	X	-.063	3.833
45	MP BETA2	Y	-.038	7.333
46	MP BETA2	Y	-.038	5.667
47	MP BETA2	X	-.067	7.333
48	MP BETA2	X	-.067	5.667

Member Point Loads (BLC 6 : Wind Load (90))

	Member Label	Direction	Magnitude[k.k-ft]	Location[ft,%]
1	MP ALPHA1	X	-.159	8.167
2	MP ALPHA1	X	-.159	2.333
3	MP ALPHA3	X	-.049	7.167
4	MP ALPHA3	X	-.049	3.833
5	MP ALPHA3	X	-.066	5.5
6	MP BETA3	X	-.086	5.5
7	MP GAMMA3	X	-.066	5.5
8	MP ALPHA1	X	-.047	5.5
9	MP BETA1	X	-.096	5.5
10	MP GAMMA1	X	-.047	5.5



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Member Point Loads (BLC 6 : Wind Load (90)) (Continued)

	Member Label	Direction	Magnitude[k.k-ft]	Location[ft.-%]
11	MP ALPHA2	X	-.052	7.333
12	MP ALPHA2	X	-.052	5.667
13	MP GAMMA1	X	-.242	8.417
14	MP GAMMA1	X	-.242	2.583
15	MP GAMMA3	X	-.072	7.167
16	MP GAMMA3	X	-.072	3.833
17	MP GAMMA2	X	-.077	7.333
18	MP GAMMA2	X	-.077	5.667
19	MP BETA1	X	-.325	8.167
20	MP BETA1	X	-.325	2.333
21	MP BETA3	X	-.095	7.167
22	MP BETA3	X	-.095	3.833
23	MP BETA2	X	-.102	7.333
24	MP BETA2	X	-.102	5.667

Member Point Loads (BLC 7 : Wind Load (120))

	Member Label	Direction	Magnitude[k.k-ft]	Location[ft.-%]
1	MP ALPHA1	Y	.079	8.167
2	MP ALPHA1	Y	.079	2.333
3	MP ALPHA1	X	-.138	8.167
4	MP ALPHA1	X	-.138	2.333
5	MP ALPHA3	Y	.025	7.167
6	MP ALPHA3	Y	.025	3.833
7	MP ALPHA3	X	-.043	7.167
8	MP ALPHA3	X	-.043	3.833
9	MP ALPHA3	Y	.035	5.5
10	MP ALPHA3	X	-.061	5.5
11	MP BETA3	Y	.04	5.5
12	MP BETA3	X	-.07	5.5
13	MP GAMMA3	Y	.035	5.5
14	MP GAMMA3	X	-.061	5.5
15	MP ALPHA1	Y	.03	5.5
16	MP ALPHA1	X	-.051	5.5
17	MP BETA1	Y	.042	5.5
18	MP BETA1	X	-.073	5.5
19	MP GAMMA1	Y	.03	5.5
20	MP GAMMA1	X	-.051	5.5
21	MP ALPHA2	Y	.026	7.333
22	MP ALPHA2	Y	.026	5.667
23	MP ALPHA2	X	-.045	7.333
24	MP ALPHA2	X	-.045	5.667
25	MP GAMMA1	Y	.079	8.417
26	MP GAMMA1	Y	.079	2.583
27	MP GAMMA1	X	-.138	8.417
28	MP GAMMA1	X	-.138	2.583
29	MP GAMMA3	Y	.048	7.167
30	MP GAMMA3	Y	.048	3.833
31	MP GAMMA3	X	-.083	7.167
32	MP GAMMA3	X	-.083	3.833
33	MP GAMMA2	Y	.026	7.333
34	MP GAMMA2	Y	.026	5.667
35	MP GAMMA2	X	-.045	7.333
36	MP GAMMA2	X	-.045	5.667
37	MP BETA1	Y	.163	8.167
38	MP BETA1	Y	.163	2.333
39	MP BETA1	X	-.282	8.167



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Member Point Loads (BLC 7 : Wind Load (120)) (Continued)

	Member Label	Direction	Magnitude[k.k-ft]	Location[ft. %]
40	MP BETA1	X	-.282	2.333
41	MP BETA3	Y	.048	7.167
42	MP BETA3	Y	.048	3.833
43	MP BETA3	X	-.083	7.167
44	MP BETA3	X	-.083	3.833
45	MP BETA2	Y	.051	7.333
46	MP BETA2	Y	.051	5.667
47	MP BETA2	X	-.088	7.333
48	MP BETA2	X	-.088	5.667

Member Point Loads (BLC 8 : Wind Load (150))

	Member Label	Direction	Magnitude[k.k-ft]	Location[ft. %]
1	MP ALPHA1	Y	.21	8.167
2	MP ALPHA1	Y	.21	2.333
3	MP ALPHA1	X	-.121	8.167
4	MP ALPHA1	X	-.121	2.333
5	MP ALPHA3	Y	.063	7.167
6	MP ALPHA3	Y	.063	3.833
7	MP ALPHA3	X	-.036	7.167
8	MP ALPHA3	X	-.036	3.833
9	MP ALPHA3	Y	.07	5.5
10	MP ALPHA3	X	-.04	5.5
11	MP BETA3	Y	.061	5.5
12	MP BETA3	X	-.035	5.5
13	MP GAMMA3	Y	.07	5.5
14	MP GAMMA3	X	-.04	5.5
15	MP ALPHA1	Y	.073	5.5
16	MP ALPHA1	X	-.042	5.5
17	MP BETA1	Y	.051	5.5
18	MP BETA1	X	-.03	5.5
19	MP GAMMA1	Y	.073	5.5
20	MP GAMMA1	X	-.042	5.5
21	MP ALPHA2	Y	.067	7.333
22	MP ALPHA2	Y	.067	5.667
23	MP ALPHA2	X	-.038	7.333
24	MP ALPHA2	X	-.038	5.667
25	MP GAMMA1	Y	.138	8.417
26	MP GAMMA1	Y	.138	2.583
27	MP GAMMA1	X	-.079	8.417
28	MP GAMMA1	X	-.079	2.583
29	MP GAMMA3	Y	.083	7.167
30	MP GAMMA3	Y	.083	3.833
31	MP GAMMA3	X	-.048	7.167
32	MP GAMMA3	X	-.048	3.833
33	MP GAMMA2	Y	.045	7.333
34	MP GAMMA2	Y	.045	5.667
35	MP GAMMA2	X	-.026	7.333
36	MP GAMMA2	X	-.026	5.667
37	MP BETA1	Y	.21	8.167
38	MP BETA1	Y	.21	2.333
39	MP BETA1	X	-.121	8.167
40	MP BETA1	X	-.121	2.333
41	MP BETA3	Y	.063	7.167
42	MP BETA3	Y	.063	3.833
43	MP BETA3	X	-.036	7.167
44	MP BETA3	X	-.036	3.833



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Member Point Loads (BLC 8 : Wind Load (150)) (Continued)

	Member Label	Direction	Magnitude[k.k-ft]	Location[ft.-%]
45	MP BETA2	Y	.067	7.333
46	MP BETA2	Y	.067	5.667
47	MP BETA2	X	-.038	7.333
48	MP BETA2	X	-.038	5.667

Member Point Loads (BLC 9 : Wind Load (180))

	Member Label	Direction	Magnitude[k.k-ft]	Location[ft.-%]
1	MP ALPHA1	Y	.325	8.167
2	MP ALPHA1	Y	.325	2.333
3	MP ALPHA3	Y	.095	7.167
4	MP ALPHA3	Y	.095	3.833
5	MP ALPHA3	Y	.086	5.5
6	MP BETA3	Y	.066	5.5
7	MP GAMMA3	Y	.086	5.5
8	MP ALPHA1	Y	.096	5.5
9	MP BETA1	Y	.047	5.5
10	MP GAMMA1	Y	.096	5.5
11	MP ALPHA2	Y	.102	7.333
12	MP ALPHA2	Y	.102	5.667
13	MP GAMMA1	Y	.242	8.417
14	MP GAMMA1	Y	.242	2.583
15	MP GAMMA3	Y	.072	7.167
16	MP GAMMA3	Y	.072	3.833
17	MP GAMMA2	Y	.077	7.333
18	MP GAMMA2	Y	.077	5.667
19	MP BETA1	Y	.159	8.167
20	MP BETA1	Y	.159	2.333
21	MP BETA3	Y	.049	7.167
22	MP BETA3	Y	.049	3.833
23	MP BETA2	Y	.052	7.333
24	MP BETA2	Y	.052	5.667

Member Point Loads (BLC 10 : Wind Load (210))

	Member Label	Direction	Magnitude[k.k-ft]	Location[ft.-%]
1	MP ALPHA1	Y	.282	8.167
2	MP ALPHA1	Y	.282	2.333
3	MP ALPHA1	X	.163	8.167
4	MP ALPHA1	X	.163	2.333
5	MP ALPHA3	Y	.083	7.167
6	MP ALPHA3	Y	.083	3.833
7	MP ALPHA3	X	.048	7.167
8	MP ALPHA3	X	.048	3.833
9	MP ALPHA3	Y	.07	5.5
10	MP ALPHA3	X	.04	5.5
11	MP BETA3	Y	.061	5.5
12	MP BETA3	X	.035	5.5
13	MP GAMMA3	Y	.07	5.5
14	MP GAMMA3	X	.04	5.5
15	MP ALPHA1	Y	.073	5.5
16	MP ALPHA1	X	.042	5.5
17	MP BETA1	Y	.051	5.5
18	MP BETA1	X	.03	5.5
19	MP GAMMA1	Y	.073	5.5
20	MP GAMMA1	X	.042	5.5
21	MP ALPHA2	Y	.088	7.333
22	MP ALPHA2	Y	.088	5.667



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Member Point Loads (BLC 10 : Wind Load (210)) (Continued)

	Member Label	Direction	Magnitude[k.k-ft]	Location[ft. %]
23	MP ALPHA2	X	.051	7.333
24	MP ALPHA2	X	.051	5.667
25	MP GAMMA1	Y	.282	8.417
26	MP GAMMA1	Y	.282	2.583
27	MP GAMMA1	X	.163	8.417
28	MP GAMMA1	X	.163	2.583
29	MP GAMMA3	Y	.043	7.167
30	MP GAMMA3	Y	.043	3.833
31	MP GAMMA3	X	.025	7.167
32	MP GAMMA3	X	.025	3.833
33	MP GAMMA2	Y	.088	7.333
34	MP GAMMA2	Y	.088	5.667
35	MP GAMMA2	X	.051	7.333
36	MP GAMMA2	X	.051	5.667
37	MP BETA1	Y	.138	8.167
38	MP BETA1	Y	.138	2.333
39	MP BETA1	X	.079	8.167
40	MP BETA1	X	.079	2.333
41	MP BETA3	Y	.043	7.167
42	MP BETA3	Y	.043	3.833
43	MP BETA3	X	.025	7.167
44	MP BETA3	X	.025	3.833
45	MP BETA2	Y	.045	7.333
46	MP BETA2	Y	.045	5.667
47	MP BETA2	X	.026	7.333
48	MP BETA2	X	.026	5.667

Member Point Loads (BLC 11 : Wind Load (240))

	Member Label	Direction	Magnitude[k.k-ft]	Location[ft. %]
1	MP ALPHA1	Y	.121	8.167
2	MP ALPHA1	Y	.121	2.333
3	MP ALPHA1	X	.21	8.167
4	MP ALPHA1	X	.21	2.333
5	MP ALPHA3	Y	.036	7.167
6	MP ALPHA3	Y	.036	3.833
7	MP ALPHA3	X	.063	7.167
8	MP ALPHA3	X	.063	3.833
9	MP ALPHA3	Y	.035	5.5
10	MP ALPHA3	X	.061	5.5
11	MP BETA3	Y	.04	5.5
12	MP BETA3	X	.07	5.5
13	MP GAMMA3	Y	.035	5.5
14	MP GAMMA3	X	.061	5.5
15	MP ALPHA1	Y	.03	5.5
16	MP ALPHA1	X	.051	5.5
17	MP BETA1	Y	.042	5.5
18	MP BETA1	X	.073	5.5
19	MP GAMMA1	Y	.03	5.5
20	MP GAMMA1	X	.051	5.5
21	MP ALPHA2	Y	.038	7.333
22	MP ALPHA2	Y	.038	5.667
23	MP ALPHA2	X	.067	7.333
24	MP ALPHA2	X	.067	5.667
25	MP GAMMA1	Y	.163	8.417
26	MP GAMMA1	Y	.163	2.583
27	MP GAMMA1	X	.282	8.417



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Member Point Loads (BLC 11 : Wind Load (240)) (Continued)

	Member Label	Direction	Magnitude[k.k-ft]	Location[ft.-%]
28	MP GAMMA1	X	.282	2.583
29	MP GAMMA3	Y	.025	7.167
30	MP GAMMA3	Y	.025	3.833
31	MP GAMMA3	X	.043	7.167
32	MP GAMMA3	X	.043	3.833
33	MP GAMMA2	Y	.051	7.333
34	MP GAMMA2	Y	.051	5.667
35	MP GAMMA2	X	.088	7.333
36	MP GAMMA2	X	.088	5.667
37	MP BETA1	Y	.121	8.167
38	MP BETA1	Y	.121	2.333
39	MP BETA1	X	.21	8.167
40	MP BETA1	X	.21	2.333
41	MP BETA3	Y	.036	7.167
42	MP BETA3	Y	.036	3.833
43	MP BETA3	X	.063	7.167
44	MP BETA3	X	.063	3.833
45	MP BETA2	Y	.038	7.333
46	MP BETA2	Y	.038	5.667
47	MP BETA2	X	.067	7.333
48	MP BETA2	X	.067	5.667

Member Point Loads (BLC 12 : Wind Load (270))

	Member Label	Direction	Magnitude[k.k-ft]	Location[ft.-%]
1	MP ALPHA1	X	.159	8.167
2	MP ALPHA1	X	.159	2.333
3	MP ALPHA3	X	.049	7.167
4	MP ALPHA3	X	.049	3.833
5	MP ALPHA3	X	.066	5.5
6	MP BETA3	X	.086	5.5
7	MP GAMMA3	X	.066	5.5
8	MP ALPHA1	X	.047	5.5
9	MP BETA1	X	.096	5.5
10	MP GAMMA1	X	.047	5.5
11	MP ALPHA2	X	.052	7.333
12	MP ALPHA2	X	.052	5.667
13	MP GAMMA1	X	.242	8.417
14	MP GAMMA1	X	.242	2.583
15	MP GAMMA3	X	.072	7.167
16	MP GAMMA3	X	.072	3.833
17	MP GAMMA2	X	.077	7.333
18	MP GAMMA2	X	.077	5.667
19	MP BETA1	X	.325	8.167
20	MP BETA1	X	.325	2.333
21	MP BETA3	X	.095	7.167
22	MP BETA3	X	.095	3.833
23	MP BETA2	X	.102	7.333
24	MP BETA2	X	.102	5.667

Member Point Loads (BLC 13 : Wind Load (300))

	Member Label	Direction	Magnitude[k.k-ft]	Location[ft.-%]
1	MP ALPHA1	Y	-.079	8.167
2	MP ALPHA1	Y	-.079	2.333
3	MP ALPHA1	X	.138	8.167
4	MP ALPHA1	X	.138	2.333
5	MP ALPHA3	Y	-.025	7.167



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Member Point Loads (BLC 13 : Wind Load (300)) (Continued)

	Member Label	Direction	Magnitude[k.k-ft]	Location[ft, %]
6	MP ALPHA3	Y	-.025	3.833
7	MP ALPHA3	X	.043	7.167
8	MP ALPHA3	X	.043	3.833
9	MP ALPHA3	Y	-.035	5.5
10	MP ALPHA3	X	.061	5.5
11	MP BETA3	Y	-.04	5.5
12	MP BETA3	X	.07	5.5
13	MP GAMMA3	Y	-.035	5.5
14	MP GAMMA3	X	.061	5.5
15	MP ALPHA1	Y	-.03	5.5
16	MP ALPHA1	X	.051	5.5
17	MP BETA1	Y	-.042	5.5
18	MP BETA1	X	.073	5.5
19	MP GAMMA1	Y	-.03	5.5
20	MP GAMMA1	X	.051	5.5
21	MP ALPHA2	Y	-.026	7.333
22	MP ALPHA2	Y	-.026	5.667
23	MP ALPHA2	X	.045	7.333
24	MP ALPHA2	X	.045	5.667
25	MP GAMMA1	Y	-.079	8.417
26	MP GAMMA1	Y	-.079	2.583
27	MP GAMMA1	X	.138	8.417
28	MP GAMMA1	X	.138	2.583
29	MP GAMMA3	Y	-.048	7.167
30	MP GAMMA3	Y	-.048	3.833
31	MP GAMMA3	X	.083	7.167
32	MP GAMMA3	X	.083	3.833
33	MP GAMMA2	Y	-.026	7.333
34	MP GAMMA2	Y	-.026	5.667
35	MP GAMMA2	X	.045	7.333
36	MP GAMMA2	X	.045	5.667
37	MP BETA1	Y	-.163	8.167
38	MP BETA1	Y	-.163	2.333
39	MP BETA1	X	.282	8.167
40	MP BETA1	X	.282	2.333
41	MP BETA3	Y	-.048	7.167
42	MP BETA3	Y	-.048	3.833
43	MP BETA3	X	.083	7.167
44	MP BETA3	X	.083	3.833
45	MP BETA2	Y	-.051	7.333
46	MP BETA2	Y	-.051	5.667
47	MP BETA2	X	.088	7.333
48	MP BETA2	X	.088	5.667

Member Point Loads (BLC 14 : Wind Load (330))

	Member Label	Direction	Magnitude[k.k-ft]	Location[ft, %]
1	MP ALPHA1	Y	-.21	8.167
2	MP ALPHA1	Y	-.21	2.333
3	MP ALPHA1	X	.121	8.167
4	MP ALPHA1	X	.121	2.333
5	MP ALPHA3	Y	-.063	7.167
6	MP ALPHA3	Y	-.063	3.833
7	MP ALPHA3	X	.036	7.167
8	MP ALPHA3	X	.036	3.833
9	MP ALPHA3	Y	-.07	5.5
10	MP ALPHA3	X	.04	5.5



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Member Point Loads (BLC 14 : Wind Load (330)) (Continued)

	Member Label	Direction	Magnitude[k.k-ft]	Location[ft.-%]
11	MP BETA3	Y	-.061	5.5
12	MP BETA3	X	.035	5.5
13	MP GAMMA3	Y	-.07	5.5
14	MP GAMMA3	X	.04	5.5
15	MP ALPHA1	Y	-.073	5.5
16	MP ALPHA1	X	.042	5.5
17	MP BETA1	Y	-.051	5.5
18	MP BETA1	X	.03	5.5
19	MP GAMMA1	Y	-.073	5.5
20	MP GAMMA1	X	.042	5.5
21	MP ALPHA2	Y	-.067	7.333
22	MP ALPHA2	Y	-.067	5.667
23	MP ALPHA2	X	.038	7.333
24	MP ALPHA2	X	.038	5.667
25	MP GAMMA1	Y	-.138	8.417
26	MP GAMMA1	Y	-.138	2.583
27	MP GAMMA1	X	.079	8.417
28	MP GAMMA1	X	.079	2.583
29	MP GAMMA3	Y	-.083	7.167
30	MP GAMMA3	Y	-.083	3.833
31	MP GAMMA3	X	.048	7.167
32	MP GAMMA3	X	.048	3.833
33	MP GAMMA2	Y	-.045	7.333
34	MP GAMMA2	Y	-.045	5.667
35	MP GAMMA2	X	.026	7.333
36	MP GAMMA2	X	.026	5.667
37	MP BETA1	Y	-.21	8.167
38	MP BETA1	Y	-.21	2.333
39	MP BETA1	X	.121	8.167
40	MP BETA1	X	.121	2.333
41	MP BETA3	Y	-.063	7.167
42	MP BETA3	Y	-.063	3.833
43	MP BETA3	X	.036	7.167
44	MP BETA3	X	.036	3.833
45	MP BETA2	Y	-.067	7.333
46	MP BETA2	Y	-.067	5.667
47	MP BETA2	X	.038	7.333
48	MP BETA2	X	.038	5.667

Member Point Loads (BLC 15 : Maintenance (0))

	Member Label	Direction	Magnitude[k.k-ft]	Location[ft.-%]
1	MP ALPHA1	Y	-.022	8.167
2	MP ALPHA1	Y	-.022	2.333
3	MP ALPHA3	Y	-.006	7.167
4	MP ALPHA3	Y	-.006	3.833
5	MP ALPHA3	Y	-.006	5.5
6	MP BETA3	Y	-.004	5.5
7	MP GAMMA3	Y	-.006	5.5
8	MP ALPHA1	Y	-.007	5.5
9	MP BETA1	Y	-.003	5.5
10	MP GAMMA1	Y	-.007	5.5
11	MP ALPHA2	Y	-.007	7.333
12	MP ALPHA2	Y	-.007	5.667
13	MP GAMMA1	Y	-.016	8.417
14	MP GAMMA1	Y	-.016	2.583
15	MP GAMMA3	Y	-.005	7.167



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Member Point Loads (BLC 15 : Maintenance (0)) (Continued)

	Member Label	Direction	Magnitude[k.k-ft]	Location[ft. %]
16	MP GAMMA3	Y	-0.05	3.833
17	MP GAMMA2	Y	-0.05	7.333
18	MP GAMMA2	Y	-0.05	5.667
19	MP BETA1	Y	-0.11	8.167
20	MP BETA1	Y	-0.11	2.333
21	MP BETA3	Y	-0.03	7.167
22	MP BETA3	Y	-0.03	3.833
23	MP BETA2	Y	-0.04	7.333
24	MP BETA2	Y	-0.04	5.667

Member Point Loads (BLC 16 : Maintenance (30))

	Member Label	Direction	Magnitude[k.k-ft]	Location[ft. %]
1	MP ALPHA1	Y	-0.19	8.167
2	MP ALPHA1	Y	-0.19	2.333
3	MP ALPHA1	X	-0.11	8.167
4	MP ALPHA1	X	-0.11	2.333
5	MP ALPHA3	Y	-0.06	7.167
6	MP ALPHA3	Y	-0.06	3.833
7	MP ALPHA3	X	-0.03	7.167
8	MP ALPHA3	X	-0.03	3.833
9	MP ALPHA3	Y	-0.05	5.5
10	MP ALPHA3	X	-0.03	5.5
11	MP BETA3	Y	-0.04	5.5
12	MP BETA3	X	-0.02	5.5
13	MP GAMMA3	Y	-0.05	5.5
14	MP GAMMA3	X	-0.03	5.5
15	MP ALPHA1	Y	-0.05	5.5
16	MP ALPHA1	X	-0.03	5.5
17	MP BETA1	Y	-0.03	5.5
18	MP BETA1	X	-0.02	5.5
19	MP GAMMA1	Y	-0.05	5.5
20	MP GAMMA1	X	-0.03	5.5
21	MP ALPHA2	Y	-0.06	7.333
22	MP ALPHA2	Y	-0.06	5.667
23	MP ALPHA2	X	-0.03	7.333
24	MP ALPHA2	X	-0.03	5.667
25	MP GAMMA1	Y	-0.19	8.417
26	MP GAMMA1	Y	-0.19	2.583
27	MP GAMMA1	X	-0.11	8.417
28	MP GAMMA1	X	-0.11	2.583
29	MP GAMMA3	Y	-0.03	7.167
30	MP GAMMA3	Y	-0.03	3.833
31	MP GAMMA3	X	-0.02	7.167
32	MP GAMMA3	X	-0.02	3.833
33	MP GAMMA2	Y	-0.06	7.333
34	MP GAMMA2	Y	-0.06	5.667
35	MP GAMMA2	X	-0.03	7.333
36	MP GAMMA2	X	-0.03	5.667
37	MP BETA1	Y	-0.09	8.167
38	MP BETA1	Y	-0.09	2.333
39	MP BETA1	X	-0.05	8.167
40	MP BETA1	X	-0.05	2.333
41	MP BETA3	Y	-0.03	7.167
42	MP BETA3	Y	-0.03	3.833
43	MP BETA3	X	-0.02	7.167
44	MP BETA3	X	-0.02	3.833



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Member Point Loads (BLC 16 : Maintenance (30)) (Continued)

	Member Label	Direction	Magnitude[k.k-ft]	Location[ft.%]
45	MP BETA2	Y	-0.003	7.333
46	MP BETA2	Y	-0.003	5.667
47	MP BETA2	X	-0.002	7.333
48	MP BETA2	X	-0.002	5.667

Member Point Loads (BLC 17 : Maintenance (60))

	Member Label	Direction	Magnitude[k.k-ft]	Location[ft.%]
1	MP ALPHA1	Y	-0.008	8.167
2	MP ALPHA1	Y	-0.008	2.333
3	MP ALPHA1	X	-0.014	8.167
4	MP ALPHA1	X	-0.014	2.333
5	MP ALPHA3	Y	-0.002	7.167
6	MP ALPHA3	Y	-0.002	3.833
7	MP ALPHA3	X	-0.004	7.167
8	MP ALPHA3	X	-0.004	3.833
9	MP ALPHA3	Y	-0.002	5.5
10	MP ALPHA3	X	-0.004	5.5
11	MP BETA3	Y	-0.003	5.5
12	MP BETA3	X	-0.005	5.5
13	MP GAMMA3	Y	-0.002	5.5
14	MP GAMMA3	X	-0.004	5.5
15	MP ALPHA1	Y	-0.002	5.5
16	MP ALPHA1	X	-0.003	5.5
17	MP BETA1	Y	-0.003	5.5
18	MP BETA1	X	-0.005	5.5
19	MP GAMMA1	Y	-0.002	5.5
20	MP GAMMA1	X	-0.003	5.5
21	MP ALPHA2	Y	-0.003	7.333
22	MP ALPHA2	Y	-0.003	5.667
23	MP ALPHA2	X	-0.005	7.333
24	MP ALPHA2	X	-0.005	5.667
25	MP GAMMA1	Y	-0.011	8.417
26	MP GAMMA1	Y	-0.011	2.583
27	MP GAMMA1	X	-0.019	8.417
28	MP GAMMA1	X	-0.019	2.583
29	MP GAMMA3	Y	-0.002	7.167
30	MP GAMMA3	Y	-0.002	3.833
31	MP GAMMA3	X	-0.003	7.167
32	MP GAMMA3	X	-0.003	3.833
33	MP GAMMA2	Y	-0.003	7.333
34	MP GAMMA2	Y	-0.003	5.667
35	MP GAMMA2	X	-0.006	7.333
36	MP GAMMA2	X	-0.006	5.667
37	MP BETA1	Y	-0.008	8.167
38	MP BETA1	Y	-0.008	2.333
39	MP BETA1	X	-0.014	8.167
40	MP BETA1	X	-0.014	2.333
41	MP BETA3	Y	-0.002	7.167
42	MP BETA3	Y	-0.002	3.833
43	MP BETA3	X	-0.004	7.167
44	MP BETA3	X	-0.004	3.833
45	MP BETA2	Y	-0.003	7.333
46	MP BETA2	Y	-0.003	5.667
47	MP BETA2	X	-0.005	7.333
48	MP BETA2	X	-0.005	5.667



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Member Point Loads (BLC 18 : Maintenance (90))

	Member Label	Direction	Magnitude[k.k-ft]	Location[ft.%]
1	MP ALPHA1	X	-.011	8.167
2	MP ALPHA1	X	-.011	2.333
3	MP ALPHA3	X	-.003	7.167
4	MP ALPHA3	X	-.003	3.833
5	MP ALPHA3	X	-.004	5.5
6	MP BETA3	X	-.006	5.5
7	MP GAMMA3	X	-.004	5.5
8	MP ALPHA1	X	-.003	5.5
9	MP BETA1	X	-.007	5.5
10	MP GAMMA1	X	-.003	5.5
11	MP ALPHA2	X	-.004	7.333
12	MP ALPHA2	X	-.004	5.667
13	MP GAMMA1	X	-.016	8.417
14	MP GAMMA1	X	-.016	2.583
15	MP GAMMA3	X	-.005	7.167
16	MP GAMMA3	X	-.005	3.833
17	MP GAMMA2	X	-.005	7.333
18	MP GAMMA2	X	-.005	5.667
19	MP BETA1	X	-.022	8.167
20	MP BETA1	X	-.022	2.333
21	MP BETA3	X	-.006	7.167
22	MP BETA3	X	-.006	3.833
23	MP BETA2	X	-.007	7.333
24	MP BETA2	X	-.007	5.667

Member Point Loads (BLC 19 : Maintenance (120))

	Member Label	Direction	Magnitude[k.k-ft]	Location[ft.%]
1	MP ALPHA1	Y	.005	8.167
2	MP ALPHA1	Y	.005	2.333
3	MP ALPHA1	X	-.009	8.167
4	MP ALPHA1	X	-.009	2.333
5	MP ALPHA3	Y	.002	7.167
6	MP ALPHA3	Y	.002	3.833
7	MP ALPHA3	X	-.003	7.167
8	MP ALPHA3	X	-.003	3.833
9	MP ALPHA3	Y	.002	5.5
10	MP ALPHA3	X	-.004	5.5
11	MP BETA3	Y	.003	5.5
12	MP BETA3	X	-.005	5.5
13	MP GAMMA3	Y	.002	5.5
14	MP GAMMA3	X	-.004	5.5
15	MP ALPHA1	Y	.002	5.5
16	MP ALPHA1	X	-.003	5.5
17	MP BETA1	Y	.003	5.5
18	MP BETA1	X	-.005	5.5
19	MP GAMMA1	Y	.002	5.5
20	MP GAMMA1	X	-.003	5.5
21	MP ALPHA2	Y	.002	7.333
22	MP ALPHA2	Y	.002	5.667
23	MP ALPHA2	X	-.003	7.333
24	MP ALPHA2	X	-.003	5.667
25	MP GAMMA1	Y	.005	8.417
26	MP GAMMA1	Y	.005	2.583
27	MP GAMMA1	X	-.009	8.417
28	MP GAMMA1	X	-.009	2.583
29	MP GAMMA3	Y	.003	7.167



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Member Point Loads (BLC 19 : Maintenance (120)) (Continued)

	Member Label	Direction	Magnitude[k.k-ft]	Location[ft. %]
30	MP GAMMA3	Y	.003	3.833
31	MP GAMMA3	X	-.006	7.167
32	MP GAMMA3	X	-.006	3.833
33	MP GAMMA2	Y	.002	7.333
34	MP GAMMA2	Y	.002	5.667
35	MP GAMMA2	X	-.003	7.333
36	MP GAMMA2	X	-.003	5.667
37	MP BETA1	Y	.011	8.167
38	MP BETA1	Y	.011	2.333
39	MP BETA1	X	-.019	8.167
40	MP BETA1	X	-.019	2.333
41	MP BETA3	Y	.003	7.167
42	MP BETA3	Y	.003	3.833
43	MP BETA3	X	-.006	7.167
44	MP BETA3	X	-.006	3.833
45	MP BETA2	Y	.003	7.333
46	MP BETA2	Y	.003	5.667
47	MP BETA2	X	-.006	7.333
48	MP BETA2	X	-.006	5.667

Member Point Loads (BLC 20 : Maintenance (150))

	Member Label	Direction	Magnitude[k.k-ft]	Location[ft. %]
1	MP ALPHA1	Y	.014	8.167
2	MP ALPHA1	Y	.014	2.333
3	MP ALPHA1	X	-.008	8.167
4	MP ALPHA1	X	-.008	2.333
5	MP ALPHA3	Y	.004	7.167
6	MP ALPHA3	Y	.004	3.833
7	MP ALPHA3	X	-.002	7.167
8	MP ALPHA3	X	-.002	3.833
9	MP ALPHA3	Y	.005	5.5
10	MP ALPHA3	X	-.003	5.5
11	MP BETA3	Y	.004	5.5
12	MP BETA3	X	-.002	5.5
13	MP GAMMA3	Y	.005	5.5
14	MP GAMMA3	X	-.003	5.5
15	MP ALPHA1	Y	.005	5.5
16	MP ALPHA1	X	-.003	5.5
17	MP BETA1	Y	.003	5.5
18	MP BETA1	X	-.002	5.5
19	MP GAMMA1	Y	.005	5.5
20	MP GAMMA1	X	-.003	5.5
21	MP ALPHA2	Y	.005	7.333
22	MP ALPHA2	Y	.005	5.667
23	MP ALPHA2	X	-.003	7.333
24	MP ALPHA2	X	-.003	5.667
25	MP GAMMA1	Y	.009	8.417
26	MP GAMMA1	Y	.009	2.583
27	MP GAMMA1	X	-.005	8.417
28	MP GAMMA1	X	-.005	2.583
29	MP GAMMA3	Y	.006	7.167
30	MP GAMMA3	Y	.006	3.833
31	MP GAMMA3	X	-.003	7.167
32	MP GAMMA3	X	-.003	3.833
33	MP GAMMA2	Y	.003	7.333
34	MP GAMMA2	Y	.003	5.667



Member Point Loads (BLC 20 : Maintenance (150)) (Continued)

	Member Label	Direction	Magnitude[k.k-ft]	Location[ft. %]
35	MP GAMMA2	X	-0.02	7.333
36	MP GAMMA2	X	-0.02	5.667
37	MP BETA1	Y	.014	8.167
38	MP BETA1	Y	.014	2.333
39	MP BETA1	X	-0.008	8.167
40	MP BETA1	X	-0.008	2.333
41	MP BETA3	Y	.004	7.167
42	MP BETA3	Y	.004	3.833
43	MP BETA3	X	-0.002	7.167
44	MP BETA3	X	-0.002	3.833
45	MP BETA2	Y	.005	7.333
46	MP BETA2	Y	.005	5.667
47	MP BETA2	X	-0.003	7.333
48	MP BETA2	X	-0.003	5.667

Member Point Loads (BLC 21 : Maintenance (180))

	Member Label	Direction	Magnitude[k.k-ft]	Location[ft. %]
1	MP ALPHA1	Y	.022	8.167
2	MP ALPHA1	Y	.022	2.333
3	MP ALPHA3	Y	.006	7.167
4	MP ALPHA3	Y	.006	3.833
5	MP ALPHA3	Y	.006	5.5
6	MP BETA3	Y	.004	5.5
7	MP GAMMA3	Y	.006	5.5
8	MP ALPHA1	Y	.007	5.5
9	MP BETA1	Y	.003	5.5
10	MP GAMMA1	Y	.007	5.5
11	MP ALPHA2	Y	.007	7.333
12	MP ALPHA2	Y	.007	5.667
13	MP GAMMA1	Y	.016	8.417
14	MP GAMMA1	Y	.016	2.583
15	MP GAMMA3	Y	.005	7.167
16	MP GAMMA3	Y	.005	3.833
17	MP GAMMA2	Y	.005	7.333
18	MP GAMMA2	Y	.005	5.667
19	MP BETA1	Y	.011	8.167
20	MP BETA1	Y	.011	2.333
21	MP BETA3	Y	.003	7.167
22	MP BETA3	Y	.003	3.833
23	MP BETA2	Y	.004	7.333
24	MP BETA2	Y	.004	5.667

Member Point Loads (BLC 22 : Maintenance (210))

	Member Label	Direction	Magnitude[k.k-ft]	Location[ft. %]
1	MP ALPHA1	Y	.019	8.167
2	MP ALPHA1	Y	.019	2.333
3	MP ALPHA1	X	.011	8.167
4	MP ALPHA1	X	.011	2.333
5	MP ALPHA3	Y	.006	7.167
6	MP ALPHA3	Y	.006	3.833
7	MP ALPHA3	X	.003	7.167
8	MP ALPHA3	X	.003	3.833
9	MP ALPHA3	Y	.005	5.5
10	MP ALPHA3	X	.003	5.5
11	MP BETA3	Y	.004	5.5
12	MP BETA3	X	.002	5.5



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Member Point Loads (BLC 22 : Maintenance (210)) (Continued)

	Member Label	Direction	Magnitude[k.k-ft]	Location[ft.-%]
13	MP GAMMA3	Y	.005	5.5
14	MP GAMMA3	X	.003	5.5
15	MP ALPHA1	Y	.005	5.5
16	MP ALPHA1	X	.003	5.5
17	MP BETA1	Y	.003	5.5
18	MP BETA1	X	.002	5.5
19	MP GAMMA1	Y	.005	5.5
20	MP GAMMA1	X	.003	5.5
21	MP ALPHA2	Y	.006	7.333
22	MP ALPHA2	Y	.006	5.667
23	MP ALPHA2	X	.003	7.333
24	MP ALPHA2	X	.003	5.667
25	MP GAMMA1	Y	.019	8.417
26	MP GAMMA1	Y	.019	2.583
27	MP GAMMA1	X	.011	8.417
28	MP GAMMA1	X	.011	2.583
29	MP GAMMA3	Y	.003	7.167
30	MP GAMMA3	Y	.003	3.833
31	MP GAMMA3	X	.002	7.167
32	MP GAMMA3	X	.002	3.833
33	MP GAMMA2	Y	.006	7.333
34	MP GAMMA2	Y	.006	5.667
35	MP GAMMA2	X	.003	7.333
36	MP GAMMA2	X	.003	5.667
37	MP BETA1	Y	.009	8.167
38	MP BETA1	Y	.009	2.333
39	MP BETA1	X	.005	8.167
40	MP BETA1	X	.005	2.333
41	MP BETA3	Y	.003	7.167
42	MP BETA3	Y	.003	3.833
43	MP BETA3	X	.002	7.167
44	MP BETA3	X	.002	3.833
45	MP BETA2	Y	.003	7.333
46	MP BETA2	Y	.003	5.667
47	MP BETA2	X	.002	7.333
48	MP BETA2	X	.002	5.667

Member Point Loads (BLC 23 : Maintenance (240))

	Member Label	Direction	Magnitude[k.k-ft]	Location[ft.-%]
1	MP ALPHA1	Y	.008	8.167
2	MP ALPHA1	Y	.008	2.333
3	MP ALPHA1	X	.014	8.167
4	MP ALPHA1	X	.014	2.333
5	MP ALPHA3	Y	.002	7.167
6	MP ALPHA3	Y	.002	3.833
7	MP ALPHA3	X	.004	7.167
8	MP ALPHA3	X	.004	3.833
9	MP ALPHA3	Y	.002	5.5
10	MP ALPHA3	X	.004	5.5
11	MP BETA3	Y	.003	5.5
12	MP BETA3	X	.005	5.5
13	MP GAMMA3	Y	.002	5.5
14	MP GAMMA3	X	.004	5.5
15	MP ALPHA1	Y	.002	5.5
16	MP ALPHA1	X	.003	5.5
17	MP BETA1	Y	.003	5.5



Member Point Loads (BLC 23 : Maintenance (240)) (Continued)

	Member Label	Direction	Magnitude[k.k-ft]	Location[ft.-%]
18	MP BETA1	X	.005	5.5
19	MP GAMMA1	Y	.002	5.5
20	MP GAMMA1	X	.003	5.5
21	MP ALPHA2	Y	.003	7.333
22	MP ALPHA2	Y	.003	5.667
23	MP ALPHA2	X	.005	7.333
24	MP ALPHA2	X	.005	5.667
25	MP GAMMA1	Y	.011	8.417
26	MP GAMMA1	Y	.011	2.583
27	MP GAMMA1	X	.019	8.417
28	MP GAMMA1	X	.019	2.583
29	MP GAMMA3	Y	.002	7.167
30	MP GAMMA3	Y	.002	3.833
31	MP GAMMA3	X	.003	7.167
32	MP GAMMA3	X	.003	3.833
33	MP GAMMA2	Y	.003	7.333
34	MP GAMMA2	Y	.003	5.667
35	MP GAMMA2	X	.006	7.333
36	MP GAMMA2	X	.006	5.667
37	MP BETA1	Y	.008	8.167
38	MP BETA1	Y	.008	2.333
39	MP BETA1	X	.014	8.167
40	MP BETA1	X	.014	2.333
41	MP BETA3	Y	.002	7.167
42	MP BETA3	Y	.002	3.833
43	MP BETA3	X	.004	7.167
44	MP BETA3	X	.004	3.833
45	MP BETA2	Y	.003	7.333
46	MP BETA2	Y	.003	5.667
47	MP BETA2	X	.005	7.333
48	MP BETA2	X	.005	5.667

Member Point Loads (BLC 24 : Maintenance (270))

	Member Label	Direction	Magnitude[k.k-ft]	Location[ft.-%]
1	MP ALPHA1	X	.011	8.167
2	MP ALPHA1	X	.011	2.333
3	MP ALPHA3	X	.003	7.167
4	MP ALPHA3	X	.003	3.833
5	MP ALPHA3	X	.004	5.5
6	MP BETA3	X	.006	5.5
7	MP GAMMA3	X	.004	5.5
8	MP ALPHA1	X	.003	5.5
9	MP BETA1	X	.007	5.5
10	MP GAMMA1	X	.003	5.5
11	MP ALPHA2	X	.004	7.333
12	MP ALPHA2	X	.004	5.667
13	MP GAMMA1	X	.016	8.417
14	MP GAMMA1	X	.016	2.583
15	MP GAMMA3	X	.005	7.167
16	MP GAMMA3	X	.005	3.833
17	MP GAMMA2	X	.005	7.333
18	MP GAMMA2	X	.005	5.667
19	MP BETA1	X	.022	8.167
20	MP BETA1	X	.022	2.333
21	MP BETA3	X	.006	7.167
22	MP BETA3	X	.006	3.833



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Member Point Loads (BLC 24 : Maintenance (270)) (Continued)

	Member Label	Direction	Magnitude[k.k-ft]	Location[ft, %]
23	MP BETA2	X	.007	7.333
24	MP BETA2	X	.007	5.667

Member Point Loads (BLC 25 : Maintenance (300))

	Member Label	Direction	Magnitude[k.k-ft]	Location[ft, %]
1	MP ALPHA1	Y	-.005	8.167
2	MP ALPHA1	Y	-.005	2.333
3	MP ALPHA1	X	.009	8.167
4	MP ALPHA1	X	.009	2.333
5	MP ALPHA3	Y	-.002	7.167
6	MP ALPHA3	Y	-.002	3.833
7	MP ALPHA3	X	.003	7.167
8	MP ALPHA3	X	.003	3.833
9	MP ALPHA3	Y	-.002	5.5
10	MP ALPHA3	X	.004	5.5
11	MP BETA3	Y	-.003	5.5
12	MP BETA3	X	.005	5.5
13	MP GAMMA3	Y	-.002	5.5
14	MP GAMMA3	X	.004	5.5
15	MP ALPHA1	Y	-.002	5.5
16	MP ALPHA1	X	.003	5.5
17	MP BETA1	Y	-.003	5.5
18	MP BETA1	X	.005	5.5
19	MP GAMMA1	Y	-.002	5.5
20	MP GAMMA1	X	.003	5.5
21	MP ALPHA2	Y	-.002	7.333
22	MP ALPHA2	Y	-.002	5.667
23	MP ALPHA2	X	.003	7.333
24	MP ALPHA2	X	.003	5.667
25	MP GAMMA1	Y	-.005	8.417
26	MP GAMMA1	Y	-.005	2.583
27	MP GAMMA1	X	.009	8.417
28	MP GAMMA1	X	.009	2.583
29	MP GAMMA3	Y	-.003	7.167
30	MP GAMMA3	Y	-.003	3.833
31	MP GAMMA3	X	.006	7.167
32	MP GAMMA3	X	.006	3.833
33	MP GAMMA2	Y	-.002	7.333
34	MP GAMMA2	Y	-.002	5.667
35	MP GAMMA2	X	.003	7.333
36	MP GAMMA2	X	.003	5.667
37	MP BETA1	Y	-.011	8.167
38	MP BETA1	Y	-.011	2.333
39	MP BETA1	X	.019	8.167
40	MP BETA1	X	.019	2.333
41	MP BETA3	Y	-.003	7.167
42	MP BETA3	Y	-.003	3.833
43	MP BETA3	X	.006	7.167
44	MP BETA3	X	.006	3.833
45	MP BETA2	Y	-.003	7.333
46	MP BETA2	Y	-.003	5.667
47	MP BETA2	X	.006	7.333
48	MP BETA2	X	.006	5.667

Member Point Loads (BLC 26 : Maintenance (330))

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft, %]
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Member Point Loads (BLC 26 : Maintenance (330)) (Continued)

	Member Label	Direction	Magnitude[k.k-ft]	Location[ft. %]
1	MP ALPHA1	Y	-.014	8.167
2	MP ALPHA1	Y	-.014	2.333
3	MP ALPHA1	X	.008	8.167
4	MP ALPHA1	X	.008	2.333
5	MP ALPHA3	Y	-.004	7.167
6	MP ALPHA3	Y	-.004	3.833
7	MP ALPHA3	X	.002	7.167
8	MP ALPHA3	X	.002	3.833
9	MP ALPHA3	Y	-.005	5.5
10	MP ALPHA3	X	.003	5.5
11	MP BETA3	Y	-.004	5.5
12	MP BETA3	X	.002	5.5
13	MP GAMMA3	Y	-.005	5.5
14	MP GAMMA3	X	.003	5.5
15	MP ALPHA1	Y	-.005	5.5
16	MP ALPHA1	X	.003	5.5
17	MP BETA1	Y	-.003	5.5
18	MP BETA1	X	.002	5.5
19	MP GAMMA1	Y	-.005	5.5
20	MP GAMMA1	X	.003	5.5
21	MP ALPHA2	Y	-.005	7.333
22	MP ALPHA2	Y	-.005	5.667
23	MP ALPHA2	X	.003	7.333
24	MP ALPHA2	X	.003	5.667
25	MP GAMMA1	Y	-.009	8.417
26	MP GAMMA1	Y	-.009	2.583
27	MP GAMMA1	X	.005	8.417
28	MP GAMMA1	X	.005	2.583
29	MP GAMMA3	Y	-.006	7.167
30	MP GAMMA3	Y	-.006	3.833
31	MP GAMMA3	X	.003	7.167
32	MP GAMMA3	X	.003	3.833
33	MP GAMMA2	Y	-.003	7.333
34	MP GAMMA2	Y	-.003	5.667
35	MP GAMMA2	X	.002	7.333
36	MP GAMMA2	X	.002	5.667
37	MP BETA1	Y	-.014	8.167
38	MP BETA1	Y	-.014	2.333
39	MP BETA1	X	.008	8.167
40	MP BETA1	X	.008	2.333
41	MP BETA3	Y	-.004	7.167
42	MP BETA3	Y	-.004	3.833
43	MP BETA3	X	.002	7.167
44	MP BETA3	X	.002	3.833
45	MP BETA2	Y	-.005	7.333
46	MP BETA2	Y	-.005	5.667
47	MP BETA2	X	.003	7.333
48	MP BETA2	X	.003	5.667

Member Point Loads (BLC 27 : Ice Dead Load)

	Member Label	Direction	Magnitude[k.k-ft]	Location[ft. %]
1	MP ALPHA1	Z	-.14	8.167
2	MP ALPHA1	Z	-.14	2.333
3	MP ALPHA3	Z	-.044	7.167
4	MP ALPHA3	Z	-.044	3.833
5	MP ALPHA3	Z	-.066	5.5



Member Point Loads (BLC 27 : Ice Dead Load) (Continued)

	Member Label	Direction	Magnitude[k.k-ft]	Location[ft. %]
6	MP BETA3	Z	-066	5.5
7	MP GAMMA3	Z	-066	5.5
8	MP ALPHA1	Z	-057	5.5
9	MP BETA1	Z	-057	5.5
10	MP GAMMA1	Z	-057	5.5
11	MP ALPHA2	Z	-056	7.333
12	MP ALPHA2	Z	-056	5.667
13	MP GAMMA1	Z	-14	8.417
14	MP GAMMA1	Z	-14	2.583
15	MP GAMMA3	Z	-044	7.167
16	MP GAMMA3	Z	-044	3.833
17	MP GAMMA2	Z	-056	7.333
18	MP GAMMA2	Z	-056	5.667
19	MP BETA1	Z	-14	8.167
20	MP BETA1	Z	-14	2.333
21	MP BETA3	Z	-044	7.167
22	MP BETA3	Z	-044	3.833
23	MP BETA2	Z	-056	7.333
24	MP BETA2	Z	-056	5.667

Member Point Loads (BLC 28 : Ice Wind Load (0))

	Member Label	Direction	Magnitude[k.k-ft]	Location[ft. %]
1	MP ALPHA1	Y	-039	8.167
2	MP ALPHA1	Y	-039	2.333
3	MP ALPHA3	Y	-012	7.167
4	MP ALPHA3	Y	-012	3.833
5	MP ALPHA3	Y	-012	5.5
6	MP BETA3	Y	-01	5.5
7	MP GAMMA3	Y	-012	5.5
8	MP ALPHA1	Y	-014	5.5
9	MP BETA1	Y	-007	5.5
10	MP GAMMA1	Y	-014	5.5
11	MP ALPHA2	Y	-013	7.333
12	MP ALPHA2	Y	-013	5.667
13	MP GAMMA1	Y	-031	8.417
14	MP GAMMA1	Y	-031	2.583
15	MP GAMMA3	Y	-01	7.167
16	MP GAMMA3	Y	-01	3.833
17	MP GAMMA2	Y	-01	7.333
18	MP GAMMA2	Y	-01	5.667
19	MP BETA1	Y	-021	8.167
20	MP BETA1	Y	-021	2.333
21	MP BETA3	Y	-008	7.167
22	MP BETA3	Y	-008	3.833
23	MP BETA2	Y	-007	7.333
24	MP BETA2	Y	-007	5.667

Member Point Loads (BLC 29 : Ice Wind Load (30))

	Member Label	Direction	Magnitude[k.k-ft]	Location[ft. %]
1	MP ALPHA1	Y	-038	8.167
2	MP ALPHA1	Y	-038	2.333
3	MP ALPHA1	X	-022	8.167
4	MP ALPHA1	X	-022	2.333
5	MP ALPHA3	Y	-012	7.167
6	MP ALPHA3	Y	-012	3.833
7	MP ALPHA3	X	-007	7.167



Member Point Loads (BLC 29 : Ice Wind Load (30)) (Continued)

	Member Label	Direction	Magnitude[k.k-ft]	Location[ft,%]
8	MP ALPHA3	X	-0.07	3.833
9	MP ALPHA3	Y	-0.01	5.5
10	MP ALPHA3	X	-0.006	5.5
11	MP BETA3	Y	-0.009	5.5
12	MP BETA3	X	-0.005	5.5
13	MP GAMMA3	Y	-0.01	5.5
14	MP GAMMA3	X	-0.006	5.5
15	MP ALPHA1	Y	-0.01	5.5
16	MP ALPHA1	X	-0.006	5.5
17	MP BETA1	Y	-0.008	5.5
18	MP BETA1	X	-0.004	5.5
19	MP GAMMA1	Y	-0.01	5.5
20	MP GAMMA1	X	-0.006	5.5
21	MP ALPHA2	Y	-0.013	7.333
22	MP ALPHA2	Y	-0.013	5.667
23	MP ALPHA2	X	-0.007	7.333
24	MP ALPHA2	X	-0.007	5.667
25	MP GAMMA1	Y	-0.035	8.417
26	MP GAMMA1	Y	-0.035	2.583
27	MP GAMMA1	X	-0.02	8.417
28	MP GAMMA1	X	-0.02	2.583
29	MP GAMMA3	Y	-0.007	7.167
30	MP GAMMA3	Y	-0.007	3.833
31	MP GAMMA3	X	-0.004	7.167
32	MP GAMMA3	X	-0.004	3.833
33	MP GAMMA2	Y	-0.012	7.333
34	MP GAMMA2	Y	-0.012	5.667
35	MP GAMMA2	X	-0.007	7.333
36	MP GAMMA2	X	-0.007	5.667
37	MP BETA1	Y	-0.018	8.167
38	MP BETA1	Y	-0.018	2.333
39	MP BETA1	X	-0.011	8.167
40	MP BETA1	X	-0.011	2.333
41	MP BETA3	Y	-0.007	7.167
42	MP BETA3	Y	-0.007	3.833
43	MP BETA3	X	-0.004	7.167
44	MP BETA3	X	-0.004	3.833
45	MP BETA2	Y	-0.006	7.333
46	MP BETA2	Y	-0.006	5.667
47	MP BETA2	X	-0.004	7.333
48	MP BETA2	X	-0.004	5.667

Member Point Loads (BLC 30 : Ice Wind Load (60))

	Member Label	Direction	Magnitude[k.k-ft]	Location[ft,%]
1	MP ALPHA1	Y	-0.018	8.167
2	MP ALPHA1	Y	-0.018	2.333
3	MP ALPHA1	X	-0.031	8.167
4	MP ALPHA1	X	-0.031	2.333
5	MP ALPHA3	Y	-0.006	7.167
6	MP ALPHA3	Y	-0.006	3.833
7	MP ALPHA3	X	-0.01	7.167
8	MP ALPHA3	X	-0.01	3.833
9	MP ALPHA3	Y	-0.005	5.5
10	MP ALPHA3	X	-0.009	5.5
11	MP BETA3	Y	-0.006	5.5
12	MP BETA3	X	-0.01	5.5



Member Point Loads (BLC 30 : Ice Wind Load (60)) (Continued)

	Member Label	Direction	Magnitude[k.k-ft]	Location[ft.-%]
13	MP GAMMA3	Y	-0.005	5.5
14	MP GAMMA3	X	-0.009	5.5
15	MP ALPHA1	Y	-0.004	5.5
16	MP ALPHA1	X	-0.008	5.5
17	MP BETA1	Y	-0.006	5.5
18	MP BETA1	X	-0.01	5.5
19	MP GAMMA1	Y	-0.004	5.5
20	MP GAMMA1	X	-0.008	5.5
21	MP ALPHA2	Y	-0.006	7.333
22	MP ALPHA2	Y	-0.006	5.667
23	MP ALPHA2	X	-0.011	7.333
24	MP ALPHA2	X	-0.011	5.667
25	MP GAMMA1	Y	-0.02	8.417
26	MP GAMMA1	Y	-0.02	2.583
27	MP GAMMA1	X	-0.035	8.417
28	MP GAMMA1	X	-0.035	2.583
29	MP GAMMA3	Y	-0.004	7.167
30	MP GAMMA3	Y	-0.004	3.833
31	MP GAMMA3	X	-0.007	7.167
32	MP GAMMA3	X	-0.007	3.833
33	MP GAMMA2	Y	-0.007	7.333
34	MP GAMMA2	Y	-0.007	5.667
35	MP GAMMA2	X	-0.012	7.333
36	MP GAMMA2	X	-0.012	5.667
37	MP BETA1	Y	-0.015	8.167
38	MP BETA1	Y	-0.015	2.333
39	MP BETA1	X	-0.027	8.167
40	MP BETA1	X	-0.027	2.333
41	MP BETA3	Y	-0.005	7.167
42	MP BETA3	Y	-0.005	3.833
43	MP BETA3	X	-0.009	7.167
44	MP BETA3	X	-0.009	3.833
45	MP BETA2	Y	-0.005	7.333
46	MP BETA2	Y	-0.005	5.667
47	MP BETA2	X	-0.009	7.333
48	MP BETA2	X	-0.009	5.667

Member Point Loads (BLC 31 : Ice Wind Load (90))

	Member Label	Direction	Magnitude[k.k-ft]	Location[ft.-%]
1	MP ALPHA1	X	-0.023	8.167
2	MP ALPHA1	X	-0.023	2.333
3	MP ALPHA3	X	-0.008	7.167
4	MP ALPHA3	X	-0.008	3.833
5	MP ALPHA3	X	-0.01	5.5
6	MP BETA3	X	-0.012	5.5
7	MP GAMMA3	X	-0.01	5.5
8	MP ALPHA1	X	-0.007	5.5
9	MP BETA1	X	-0.014	5.5
10	MP GAMMA1	X	-0.007	5.5
11	MP ALPHA2	X	-0.008	7.333
12	MP ALPHA2	X	-0.008	5.667
13	MP GAMMA1	X	-0.031	8.417
14	MP GAMMA1	X	-0.031	2.583
15	MP GAMMA3	X	-0.01	7.167
16	MP GAMMA3	X	-0.01	3.833
17	MP GAMMA2	X	-0.01	7.333



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Member Point Loads (BLC 31 : Ice Wind Load (90)) (Continued)

	Member Label	Direction	Magnitude[k.k-ft]	Location[ft,%]
18	MP GAMMA2	X	-.01	5.667
19	MP BETA1	X	-.04	8.167
20	MP BETA1	X	-.04	2.333
21	MP BETA3	X	-.013	7.167
22	MP BETA3	X	-.013	3.833
23	MP BETA2	X	-.013	7.333
24	MP BETA2	X	-.013	5.667

Member Point Loads (BLC 32 : Ice Wind Load (120))

	Member Label	Direction	Magnitude[k.k-ft]	Location[ft,%]
1	MP ALPHA1	Y	.009	8.167
2	MP ALPHA1	Y	.009	2.333
3	MP ALPHA1	X	-.015	8.167
4	MP ALPHA1	X	-.015	2.333
5	MP ALPHA3	Y	.003	7.167
6	MP ALPHA3	Y	.003	3.833
7	MP ALPHA3	X	-.005	7.167
8	MP ALPHA3	X	-.005	3.833
9	MP ALPHA3	Y	.005	5.5
10	MP ALPHA3	X	-.009	5.5
11	MP BETA3	Y	.006	5.5
12	MP BETA3	X	-.01	5.5
13	MP GAMMA3	Y	.005	5.5
14	MP GAMMA3	X	-.009	5.5
15	MP ALPHA1	Y	.004	5.5
16	MP ALPHA1	X	-.008	5.5
17	MP BETA1	Y	.006	5.5
18	MP BETA1	X	-.01	5.5
19	MP GAMMA1	Y	.004	5.5
20	MP GAMMA1	X	-.008	5.5
21	MP ALPHA2	Y	.003	7.333
22	MP ALPHA2	Y	.003	5.667
23	MP ALPHA2	X	-.005	7.333
24	MP ALPHA2	X	-.005	5.667
25	MP GAMMA1	Y	.011	8.417
26	MP GAMMA1	Y	.011	2.583
27	MP GAMMA1	X	-.018	8.417
28	MP GAMMA1	X	-.018	2.583
29	MP GAMMA3	Y	.006	7.167
30	MP GAMMA3	Y	.006	3.833
31	MP GAMMA3	X	-.011	7.167
32	MP GAMMA3	X	-.011	3.833
33	MP GAMMA2	Y	.004	7.333
34	MP GAMMA2	Y	.004	5.667
35	MP GAMMA2	X	-.006	7.333
36	MP GAMMA2	X	-.006	5.667
37	MP BETA1	Y	.02	8.167
38	MP BETA1	Y	.02	2.333
39	MP BETA1	X	-.035	8.167
40	MP BETA1	X	-.035	2.333
41	MP BETA3	Y	.006	7.167
42	MP BETA3	Y	.006	3.833
43	MP BETA3	X	-.011	7.167
44	MP BETA3	X	-.011	3.833
45	MP BETA2	Y	.007	7.333
46	MP BETA2	Y	.007	5.667



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Member Point Loads (BLC 32 : Ice Wind Load (120)) (Continued)

	Member Label	Direction	Magnitude[k.k-ft]	Location[ft, %]
47	MP BETA2	X	-.012	7.333
48	MP BETA2	X	-.012	5.667

Member Point Loads (BLC 33 : Ice Wind Load (150))

	Member Label	Direction	Magnitude[k.k-ft]	Location[ft, %]
1	MP ALPHA1	Y	.022	8.167
2	MP ALPHA1	Y	.022	2.333
3	MP ALPHA1	X	-.013	8.167
4	MP ALPHA1	X	-.013	2.333
5	MP ALPHA3	Y	.007	7.167
6	MP ALPHA3	Y	.007	3.833
7	MP ALPHA3	X	-.004	7.167
8	MP ALPHA3	X	-.004	3.833
9	MP ALPHA3	Y	.01	5.5
10	MP ALPHA3	X	-.006	5.5
11	MP BETA3	Y	.009	5.5
12	MP BETA3	X	-.005	5.5
13	MP GAMMA3	Y	.01	5.5
14	MP GAMMA3	X	-.006	5.5
15	MP ALPHA1	Y	.01	5.5
16	MP ALPHA1	X	-.006	5.5
17	MP BETA1	Y	.008	5.5
18	MP BETA1	X	-.004	5.5
19	MP GAMMA1	Y	.01	5.5
20	MP GAMMA1	X	-.006	5.5
21	MP ALPHA2	Y	.008	7.333
22	MP ALPHA2	Y	.008	5.667
23	MP ALPHA2	X	-.004	7.333
24	MP ALPHA2	X	-.004	5.667
25	MP GAMMA1	Y	.018	8.417
26	MP GAMMA1	Y	.018	2.583
27	MP GAMMA1	X	-.011	8.417
28	MP GAMMA1	X	-.011	2.583
29	MP GAMMA3	Y	.011	7.167
30	MP GAMMA3	Y	.011	3.833
31	MP GAMMA3	X	-.006	7.167
32	MP GAMMA3	X	-.006	3.833
33	MP GAMMA2	Y	.006	7.333
34	MP GAMMA2	Y	.006	5.667
35	MP GAMMA2	X	-.004	7.333
36	MP GAMMA2	X	-.004	5.667
37	MP BETA1	Y	.027	8.167
38	MP BETA1	Y	.027	2.333
39	MP BETA1	X	-.015	8.167
40	MP BETA1	X	-.015	2.333
41	MP BETA3	Y	.009	7.167
42	MP BETA3	Y	.009	3.833
43	MP BETA3	X	-.005	7.167
44	MP BETA3	X	-.005	3.833
45	MP BETA2	Y	.009	7.333
46	MP BETA2	Y	.009	5.667
47	MP BETA2	X	-.005	7.333
48	MP BETA2	X	-.005	5.667

Member Point Loads (BLC 34 : Ice Wind Load (180))

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft, %]
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Member Point Loads (BLC 34 : Ice Wind Load (180)) (Continued)

	Member Label	Direction	Magnitude[k.k-ft]	Location[ft.%]
1	MP ALPHA1	Y	.039	8.167
2	MP ALPHA1	Y	.039	2.333
3	MP ALPHA3	Y	.012	7.167
4	MP ALPHA3	Y	.012	3.833
5	MP ALPHA3	Y	.012	5.5
6	MP BETA3	Y	.01	5.5
7	MP GAMMA3	Y	.012	5.5
8	MP ALPHA1	Y	.014	5.5
9	MP BETA1	Y	.007	5.5
10	MP GAMMA1	Y	.014	5.5
11	MP ALPHA2	Y	.013	7.333
12	MP ALPHA2	Y	.013	5.667
13	MP GAMMA1	Y	.031	8.417
14	MP GAMMA1	Y	.031	2.583
15	MP GAMMA3	Y	.01	7.167
16	MP GAMMA3	Y	.01	3.833
17	MP GAMMA2	Y	.01	7.333
18	MP GAMMA2	Y	.01	5.667
19	MP BETA1	Y	.021	8.167
20	MP BETA1	Y	.021	2.333
21	MP BETA3	Y	.008	7.167
22	MP BETA3	Y	.008	3.833
23	MP BETA2	Y	.007	7.333
24	MP BETA2	Y	.007	5.667

Member Point Loads (BLC 35 : Ice Wind Load (210))

	Member Label	Direction	Magnitude[k.k-ft]	Location[ft.%]
1	MP ALPHA1	Y	.038	8.167
2	MP ALPHA1	Y	.038	2.333
3	MP ALPHA1	X	.022	8.167
4	MP ALPHA1	X	.022	2.333
5	MP ALPHA3	Y	.012	7.167
6	MP ALPHA3	Y	.012	3.833
7	MP ALPHA3	X	.007	7.167
8	MP ALPHA3	X	.007	3.833
9	MP ALPHA3	Y	.01	5.5
10	MP ALPHA3	X	.006	5.5
11	MP BETA3	Y	.009	5.5
12	MP BETA3	X	.005	5.5
13	MP GAMMA3	Y	.01	5.5
14	MP GAMMA3	X	.006	5.5
15	MP ALPHA1	Y	.01	5.5
16	MP ALPHA1	X	.006	5.5
17	MP BETA1	Y	.008	5.5
18	MP BETA1	X	.004	5.5
19	MP GAMMA1	Y	.01	5.5
20	MP GAMMA1	X	.006	5.5
21	MP ALPHA2	Y	.013	7.333
22	MP ALPHA2	Y	.013	5.667
23	MP ALPHA2	X	.007	7.333
24	MP ALPHA2	X	.007	5.667
25	MP GAMMA1	Y	.035	8.417
26	MP GAMMA1	Y	.035	2.583
27	MP GAMMA1	X	.02	8.417
28	MP GAMMA1	X	.02	2.583
29	MP GAMMA3	Y	.007	7.167



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Member Point Loads (BLC 35 : Ice Wind Load (210)) (Continued)

	Member Label	Direction	Magnitude[k.k-ft]	Location[ft. %]
30	MP GAMMA3	Y	.007	3.833
31	MP GAMMA3	X	.004	7.167
32	MP GAMMA3	X	.004	3.833
33	MP GAMMA2	Y	.012	7.333
34	MP GAMMA2	Y	.012	5.667
35	MP GAMMA2	X	.007	7.333
36	MP GAMMA2	X	.007	5.667
37	MP BETA1	Y	.018	8.167
38	MP BETA1	Y	.018	2.333
39	MP BETA1	X	.011	8.167
40	MP BETA1	X	.011	2.333
41	MP BETA3	Y	.007	7.167
42	MP BETA3	Y	.007	3.833
43	MP BETA3	X	.004	7.167
44	MP BETA3	X	.004	3.833
45	MP BETA2	Y	.006	7.333
46	MP BETA2	Y	.006	5.667
47	MP BETA2	X	.004	7.333
48	MP BETA2	X	.004	5.667

Member Point Loads (BLC 36 : Ice Wind Load (240))

	Member Label	Direction	Magnitude[k.k-ft]	Location[ft. %]
1	MP ALPHA1	Y	.018	8.167
2	MP ALPHA1	Y	.018	2.333
3	MP ALPHA1	X	.031	8.167
4	MP ALPHA1	X	.031	2.333
5	MP ALPHA3	Y	.006	7.167
6	MP ALPHA3	Y	.006	3.833
7	MP ALPHA3	X	.01	7.167
8	MP ALPHA3	X	.01	3.833
9	MP ALPHA3	Y	.005	5.5
10	MP ALPHA3	X	.009	5.5
11	MP BETA3	Y	.006	5.5
12	MP BETA3	X	.01	5.5
13	MP GAMMA3	Y	.005	5.5
14	MP GAMMA3	X	.009	5.5
15	MP ALPHA1	Y	.004	5.5
16	MP ALPHA1	X	.008	5.5
17	MP BETA1	Y	.006	5.5
18	MP BETA1	X	.01	5.5
19	MP GAMMA1	Y	.004	5.5
20	MP GAMMA1	X	.008	5.5
21	MP ALPHA2	Y	.006	7.333
22	MP ALPHA2	Y	.006	5.667
23	MP ALPHA2	X	.011	7.333
24	MP ALPHA2	X	.011	5.667
25	MP GAMMA1	Y	.02	8.417
26	MP GAMMA1	Y	.02	2.583
27	MP GAMMA1	X	.035	8.417
28	MP GAMMA1	X	.035	2.583
29	MP GAMMA3	Y	.004	7.167
30	MP GAMMA3	Y	.004	3.833
31	MP GAMMA3	X	.007	7.167
32	MP GAMMA3	X	.007	3.833
33	MP GAMMA2	Y	.007	7.333
34	MP GAMMA2	Y	.007	5.667



Member Point Loads (BLC 36 : Ice Wind Load (240)) (Continued)

	Member Label	Direction	Magnitude[k.k-ft]	Location[ft. %]
35	MP GAMMA2	X	.012	7.333
36	MP GAMMA2	X	.012	5.667
37	MP BETA1	Y	.015	8.167
38	MP BETA1	Y	.015	2.333
39	MP BETA1	X	.027	8.167
40	MP BETA1	X	.027	2.333
41	MP BETA3	Y	.005	7.167
42	MP BETA3	Y	.005	3.833
43	MP BETA3	X	.009	7.167
44	MP BETA3	X	.009	3.833
45	MP BETA2	Y	.005	7.333
46	MP BETA2	Y	.005	5.667
47	MP BETA2	X	.009	7.333
48	MP BETA2	X	.009	5.667

Member Point Loads (BLC 37 : Ice Wind Load (270))

	Member Label	Direction	Magnitude[k.k-ft]	Location[ft. %]
1	MP ALPHA1	X	.023	8.167
2	MP ALPHA1	X	.023	2.333
3	MP ALPHA3	X	.008	7.167
4	MP ALPHA3	X	.008	3.833
5	MP ALPHA3	X	.01	5.5
6	MP BETA3	X	.012	5.5
7	MP GAMMA3	X	.01	5.5
8	MP ALPHA1	X	.007	5.5
9	MP BETA1	X	.014	5.5
10	MP GAMMA1	X	.007	5.5
11	MP ALPHA2	X	.008	7.333
12	MP ALPHA2	X	.008	5.667
13	MP GAMMA1	X	.031	8.417
14	MP GAMMA1	X	.031	2.583
15	MP GAMMA3	X	.01	7.167
16	MP GAMMA3	X	.01	3.833
17	MP GAMMA2	X	.01	7.333
18	MP GAMMA2	X	.01	5.667
19	MP BETA1	X	.04	8.167
20	MP BETA1	X	.04	2.333
21	MP BETA3	X	.013	7.167
22	MP BETA3	X	.013	3.833
23	MP BETA2	X	.013	7.333
24	MP BETA2	X	.013	5.667

Member Point Loads (BLC 38 : Ice Wind Load (300))

	Member Label	Direction	Magnitude[k.k-ft]	Location[ft. %]
1	MP ALPHA1	Y	-.009	8.167
2	MP ALPHA1	Y	-.009	2.333
3	MP ALPHA1	X	.015	8.167
4	MP ALPHA1	X	.015	2.333
5	MP ALPHA3	Y	-.003	7.167
6	MP ALPHA3	Y	-.003	3.833
7	MP ALPHA3	X	.005	7.167
8	MP ALPHA3	X	.005	3.833
9	MP ALPHA3	Y	-.005	5.5
10	MP ALPHA3	X	.009	5.5
11	MP BETA3	Y	-.006	5.5
12	MP BETA3	X	.01	5.5



Member Point Loads (BLC 38 : Ice Wind Load (300)) (Continued)

	Member Label	Direction	Magnitude[k.k-ft]	Location[ft.-%]
13	MP GAMMA3	Y	-.005	5.5
14	MP GAMMA3	X	.009	5.5
15	MP ALPHA1	Y	-.004	5.5
16	MP ALPHA1	X	.008	5.5
17	MP BETA1	Y	-.006	5.5
18	MP BETA1	X	.01	5.5
19	MP GAMMA1	Y	-.004	5.5
20	MP GAMMA1	X	.008	5.5
21	MP ALPHA2	Y	-.003	7.333
22	MP ALPHA2	Y	-.003	5.667
23	MP ALPHA2	X	.005	7.333
24	MP ALPHA2	X	.005	5.667
25	MP GAMMA1	Y	-.011	8.417
26	MP GAMMA1	Y	-.011	2.583
27	MP GAMMA1	X	.018	8.417
28	MP GAMMA1	X	.018	2.583
29	MP GAMMA3	Y	-.006	7.167
30	MP GAMMA3	Y	-.006	3.833
31	MP GAMMA3	X	.011	7.167
32	MP GAMMA3	X	.011	3.833
33	MP GAMMA2	Y	-.004	7.333
34	MP GAMMA2	Y	-.004	5.667
35	MP GAMMA2	X	.006	7.333
36	MP GAMMA2	X	.006	5.667
37	MP BETA1	Y	-.02	8.167
38	MP BETA1	Y	-.02	2.333
39	MP BETA1	X	.035	8.167
40	MP BETA1	X	.035	2.333
41	MP BETA3	Y	-.006	7.167
42	MP BETA3	Y	-.006	3.833
43	MP BETA3	X	.011	7.167
44	MP BETA3	X	.011	3.833
45	MP BETA2	Y	-.007	7.333
46	MP BETA2	Y	-.007	5.667
47	MP BETA2	X	.012	7.333
48	MP BETA2	X	.012	5.667

Member Point Loads (BLC 39 : Ice Wind Load (330))

	Member Label	Direction	Magnitude[k.k-ft]	Location[ft.-%]
1	MP ALPHA1	Y	-.022	8.167
2	MP ALPHA1	Y	-.022	2.333
3	MP ALPHA1	X	.013	8.167
4	MP ALPHA1	X	.013	2.333
5	MP ALPHA3	Y	-.007	7.167
6	MP ALPHA3	Y	-.007	3.833
7	MP ALPHA3	X	.004	7.167
8	MP ALPHA3	X	.004	3.833
9	MP ALPHA3	Y	-.01	5.5
10	MP ALPHA3	X	.006	5.5
11	MP BETA3	Y	-.009	5.5
12	MP BETA3	X	.005	5.5
13	MP GAMMA3	Y	-.01	5.5
14	MP GAMMA3	X	.006	5.5
15	MP ALPHA1	Y	-.01	5.5
16	MP ALPHA1	X	.006	5.5
17	MP BETA1	Y	-.008	5.5



Member Point Loads (BLC 39 : Ice Wind Load (330)) (Continued)

	Member Label	Direction	Magnitude[k.k-ft]	Location[ft. %]
18	MP BETA1	X	.004	5.5
19	MP GAMMA1	Y	-.01	5.5
20	MP GAMMA1	X	.006	5.5
21	MP ALPHA2	Y	-.008	7.333
22	MP ALPHA2	Y	-.008	5.667
23	MP ALPHA2	X	.004	7.333
24	MP ALPHA2	X	.004	5.667
25	MP GAMMA1	Y	-.018	8.417
26	MP GAMMA1	Y	-.018	2.583
27	MP GAMMA1	X	.011	8.417
28	MP GAMMA1	X	.011	2.583
29	MP GAMMA3	Y	-.011	7.167
30	MP GAMMA3	Y	-.011	3.833
31	MP GAMMA3	X	.006	7.167
32	MP GAMMA3	X	.006	3.833
33	MP GAMMA2	Y	-.006	7.333
34	MP GAMMA2	Y	-.006	5.667
35	MP GAMMA2	X	.004	7.333
36	MP GAMMA2	X	.004	5.667
37	MP BETA1	Y	-.027	8.167
38	MP BETA1	Y	-.027	2.333
39	MP BETA1	X	.015	8.167
40	MP BETA1	X	.015	2.333
41	MP BETA3	Y	-.009	7.167
42	MP BETA3	Y	-.009	3.833
43	MP BETA3	X	.005	7.167
44	MP BETA3	X	.005	3.833
45	MP BETA2	Y	-.009	7.333
46	MP BETA2	Y	-.009	5.667
47	MP BETA2	X	.005	7.333
48	MP BETA2	X	.005	5.667

Member Point Loads (BLC 40 : Earthquake (x-direction))

	Member Label	Direction	Magnitude[k.k-ft]	Location[ft. %]
1	MP ALPHA1	X	-.007	8.167
2	MP ALPHA1	X	-.007	2.333
3	MP ALPHA3	X	-.001	7.167
4	MP ALPHA3	X	-.001	3.833
5	MP ALPHA3	X	-.013	5.5
6	MP BETA3	X	-.013	5.5
7	MP GAMMA3	X	-.013	5.5
8	MP ALPHA1	X	-.01	5.5
9	MP BETA1	X	-.01	5.5
10	MP GAMMA1	X	-.01	5.5
11	MP ALPHA2	X	-.005	7.333
12	MP ALPHA2	X	-.005	5.667
13	MP GAMMA1	X	-.007	8.417
14	MP GAMMA1	X	-.007	2.583
15	MP GAMMA3	X	-.001	7.167
16	MP GAMMA3	X	-.001	3.833
17	MP GAMMA2	X	-.005	7.333
18	MP GAMMA2	X	-.005	5.667
19	MP BETA1	X	-.007	8.167
20	MP BETA1	X	-.007	2.333
21	MP BETA3	X	-.001	7.167
22	MP BETA3	X	-.001	3.833



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Member Point Loads (BLC 40 : Earthquake (x-direction)) (Continued)

	Member Label	Direction	Magnitude[k.k-ft]	Location[ft,%]
23	MP BETA2	X	-0.005	7.333
24	MP BETA2	X	-0.005	5.667

Member Point Loads (BLC 41 : Earthquake (y-direction))

	Member Label	Direction	Magnitude[k.k-ft]	Location[ft,%]
1	MP ALPHA1	Y	-0.007	8.167
2	MP ALPHA1	Y	-0.007	2.333
3	MP ALPHA3	Y	-0.001	7.167
4	MP ALPHA3	Y	-0.001	3.833
5	MP ALPHA3	Y	-0.013	5.5
6	MP BETA3	Y	-0.013	5.5
7	MP GAMMA3	Y	-0.013	5.5
8	MP ALPHA1	Y	-0.01	5.5
9	MP BETA1	Y	-0.01	5.5
10	MP GAMMA1	Y	-0.01	5.5
11	MP ALPHA2	Y	-0.005	7.333
12	MP ALPHA2	Y	-0.005	5.667
13	MP GAMMA1	Y	-0.007	8.417
14	MP GAMMA1	Y	-0.007	2.583
15	MP GAMMA3	Y	-0.001	7.167
16	MP GAMMA3	Y	-0.001	3.833
17	MP GAMMA2	Y	-0.005	7.333
18	MP GAMMA2	Y	-0.005	5.667
19	MP BETA1	Y	-0.007	8.167
20	MP BETA1	Y	-0.007	2.333
21	MP BETA3	Y	-0.001	7.167
22	MP BETA3	Y	-0.001	3.833
23	MP BETA2	Y	-0.005	7.333
24	MP BETA2	Y	-0.005	5.667

Member Point Loads (BLC 42 : Earthquake (z-direction))

	Member Label	Direction	Magnitude[k.k-ft]	Location[ft,%]
1	MP ALPHA1	Z	-0.003	8.167
2	MP ALPHA1	Z	-0.003	2.333
3	MP ALPHA3	Z	-0.000569	7.167
4	MP ALPHA3	Z	-0.000569	3.833
5	MP ALPHA3	Z	-0.005	5.5
6	MP BETA3	Z	-0.005	5.5
7	MP GAMMA3	Z	-0.005	5.5
8	MP ALPHA1	Z	-0.004	5.5
9	MP BETA1	Z	-0.004	5.5
10	MP GAMMA1	Z	-0.004	5.5
11	MP ALPHA2	Z	-0.002	7.333
12	MP ALPHA2	Z	-0.002	5.667
13	MP GAMMA1	Z	-0.003	8.417
14	MP GAMMA1	Z	-0.003	2.583
15	MP GAMMA3	Z	-0.000569	7.167
16	MP GAMMA3	Z	-0.000569	3.833
17	MP GAMMA2	Z	-0.002	7.333
18	MP GAMMA2	Z	-0.002	5.667
19	MP BETA1	Z	-0.003	8.167
20	MP BETA1	Z	-0.003	2.333
21	MP BETA3	Z	-0.000569	7.167
22	MP BETA3	Z	-0.000569	3.833
23	MP BETA2	Z	-0.002	7.333
24	MP BETA2	Z	-0.002	5.667



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Member Distributed Loads (BLC 2 : Wind Load (0))

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft.F,...	Start Location[ft, %]	End Location[ft, %]
1	VERTC5	PY	-0.14	-0.14	0	0
2	VERTC4	PY	-0.14	-0.14	0	0
3	VERTC3	PY	-0.14	-0.14	0	0
4	VERTC2	PY	-0.14	-0.14	0	0
5	VERTC1	PY	-0.14	-0.14	0	0
6	VERTA5	PY	-0.14	-0.14	0	0
7	VERTA4	PY	-0.14	-0.14	0	0
8	VERTA3	PY	-0.14	-0.14	0	0
9	VERTA2	PY	-0.14	-0.14	0	0
10	VERTA1	PY	-0.14	-0.14	0	0
11	VERT28	PY	-0.14	-0.14	0	0
12	VERT27	PY	-0.14	-0.14	0	0
13	VERT26	PY	-0.14	-0.14	0	0
14	VERT25	PY	-0.14	-0.14	0	0
15	VERT24	PY	-0.14	-0.14	0	0
16	VERT23	PY	-0.14	-0.14	0	0
17	VERT22	PY	-0.14	-0.14	0	0
18	VERT13	PY	-0.14	-0.14	0	0
19	VERT12	PY	-0.14	-0.14	0	0
20	VERT11	PY	-0.14	-0.14	0	0
21	VERT10	PY	-0.14	-0.14	0	0
22	VERT9	PY	-0.14	-0.14	0	0
23	VERT8	PY	-0.14	-0.14	0	0
24	SODIAG1D	PY	-0.14	-0.14	0	0
25	SODIAG1C	PY	-0.14	-0.14	0	0
26	SO2D	PY	-0.14	-0.14	0	0
27	SO2C	PY	-0.14	-0.14	0	0
28	SO1D	PY	-0.14	-0.14	0	0
29	SO1C	PY	-0.14	-0.14	0	0
30	RAIL14	PY	-0.14	-0.14	0	0
31	RAIL13	PY	-0.14	-0.14	0	0
32	RAIL6	PY	-0.14	-0.14	0	0
33	RAIL5	PY	-0.14	-0.14	0	0
34	PL8	PY	-0.19	-0.19	0	0
35	PL7	PY	-0.19	-0.19	0	0
36	PL5	PY	-0.19	-0.19	0	0
37	PL4	PY	-0.19	-0.19	0	0
38	PL1	PY	-0.19	-0.19	0	0
39	PIPE1D	PY	-0.1	-0.1	0	0
40	PIPE1C	PY	-0.1	-0.1	0	0
41	MTIEBACK	PY	-0.005	-0.005	0	0
42	MSTAB6	PY	-0.007	-0.007	0	0
43	MSTAB5	PY	-0.007	-0.007	0	0
44	MSTAB4	PY	-0.007	-0.007	0	0
45	MSTAB3	PY	-0.007	-0.007	0	0
46	MSTAB2	PY	-0.007	-0.007	0	0
47	MSTAB1	PY	-0.007	-0.007	0	0
48	MRAIL3	PY	-0.006	-0.006	0	0
49	MRAIL2	PY	-0.006	-0.006	0	0
50	MRAIL1	PY	-0.006	-0.006	0	0
51	MP GAMMA3	PY	-0.1	-0.1	0	0
52	MP GAMMA2	PY	-0.1	-0.1	0	0
53	MP GAMMA1	PY	-0.1	-0.1	0	0
54	MP BETA3	PY	-0.1	-0.1	0	0
55	MP BETA2	PY	-0.1	-0.1	0	0
56	MP BETA1	PY	-0.1	-0.1	0	0



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Member Distributed Loads (BLC 2 : Wind Load (0)) (Continued)

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]	
57	MP ALPHA3	PY	-01	-01	0	0
58	MP ALPHA2	PY	-01	-01	0	0
59	MP ALPHA1	PY	-01	-01	0	0
60	MID RAIL8	PY	-014	-014	0	0
61	MID RAIL7	PY	-014	-014	0	0
62	MID RAIL4	PY	-014	-014	0	0
63	MID RAIL3	PY	-014	-014	0	0
64	M170	PY	-03	-03	0	0
65	M169	PY	-014	-014	0	0
66	KICKER8	PY	-014	-014	0	0
67	KICKER7	PY	-014	-014	0	0
68	KICKER6	PY	-014	-014	0	0
69	KICKER5	PY	-014	-014	0	0
70	KICKER4	PY	-014	-014	0	0
71	KICKER3	PY	-014	-014	0	0
72	KICKER2	PY	-023	-023	0	0
73	KICKER1	PY	-023	-023	0	0
74	INNER8	PY	-023	-023	0	0
75	INNER7	PY	-023	-023	0	0
76	INNER6	PY	-023	-023	0	0
77	INNER5	PY	-023	-023	0	0
78	INNER4	PY	-023	-023	0	0
79	INNER3	PY	-023	-023	0	0
80	INNER2	PY	-014	-014	0	0
81	INNER1	PY	-014	-014	0	0
82	HORIZ16	PY	-014	-014	0	0
83	HORIZ15	PY	-014	-014	0	0
84	HORIZ14	PY	-014	-014	0	0
85	HORIZ13	PY	-014	-014	0	0
86	HORIZ6	PY	-007	-007	0	0
87	HORIZ5	PY	-007	-007	0	0
88	H DIAG8	PY	-007	-007	0	0
89	H DIAG7	PY	-007	-007	0	0
90	H DIAG6	PY	-007	-007	0	0
91	H DIAG5	PY	-007	-007	0	0
92	H DIAG4	PY	-007	-007	0	0
93	H DIAG3	PY	-007	-007	0	0
94	H DIAG2	PY	-01	-01	0	0
95	H DIAG1	PY	-023	-023	0	0
96	GAMMATIEBACK1	PY	-023	-023	0	0
97	FACEC6	PY	-023	-023	0	0
98	FACEC5	PY	-023	-023	0	0
99	FACEC4	PY	-023	-023	0	0
100	FACEC3	PY	-023	-023	0	0
101	FACEC2	PY	-023	-023	0	0
102	FACEC1	PY	-023	-023	0	0
103	FACEA6	PY	-023	-023	0	0
104	FACEA5	PY	-023	-023	0	0
105	FACEA4	PY	-023	-023	0	0
106	FACEA3	PY	-023	-023	0	0
107	FACEA2	PY	-023	-023	0	0
108	FACEA1	PY	-023	-023	0	0
109	FACE12	PY	-023	-023	0	0
110	FACE11	PY	-023	-023	0	0
111	FACE10	PY	-023	-023	0	0
112	FACE9	PY	-023	-023	0	0
113	FACE8	PY	-023	-023	0	0



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Member Distributed Loads (BLC 2 : Wind Load (0)) (Continued)

	Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]
114	FACE7	PY	-0.23	-0.23	0	0
115	FACE6	PY	-0.23	-0.23	0	0
116	FACE5	PY	-0.23	-0.23	0	0
117	FACE4	PY	-0.23	-0.23	0	0
118	FACE3	PY	-0.23	-0.23	0	0
119	FACE2	PY	-0.01	-0.01	0	0
120	FACE1	PY	-0.014	-0.014	0	0
121	DELTA TIEBACK1	PY	-0.014	-0.014	0	0
122	ANGLE4	PY	-0.03	-0.03	0	0
123	ANGLE3	PY	-0.03	-0.03	0	0
124	ANG FACE8	PY	-0.03	-0.03	0	0
125	ANG FACE5	PY	-0.03	-0.03	0	0
126	ANG FACE4	PY	-0.03	-0.03	0	0
127	ANG FACE1	PY	-0.03	-0.03	0	0

Member Distributed Loads (BLC 4 : Wind Load (30))

	Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]
1	VERTC5	PY	-0.012	-0.012	0	0
2	VERTC4	PY	-0.012	-0.012	0	0
3	VERTC3	PY	-0.012	-0.012	0	0
4	VERTC2	PY	-0.012	-0.012	0	0
5	VERTC1	PY	-0.012	-0.012	0	0
6	VERTA5	PY	-0.012	-0.012	0	0
7	VERTA4	PY	-0.012	-0.012	0	0
8	VERTA3	PY	-0.012	-0.012	0	0
9	VERTA2	PY	-0.012	-0.012	0	0
10	VERTA1	PY	-0.012	-0.012	0	0
11	VERT28	PY	-0.012	-0.012	0	0
12	VERT27	PY	-0.012	-0.012	0	0
13	VERT26	PY	-0.012	-0.012	0	0
14	VERT25	PY	-0.012	-0.012	0	0
15	VERT24	PY	-0.012	-0.012	0	0
16	VERT23	PY	-0.012	-0.012	0	0
17	VERT22	PY	-0.012	-0.012	0	0
18	VERT13	PY	-0.012	-0.012	0	0
19	VERT12	PY	-0.012	-0.012	0	0
20	VERT11	PY	-0.012	-0.012	0	0
21	VERT10	PY	-0.012	-0.012	0	0
22	VERT9	PY	-0.012	-0.012	0	0
23	VERT8	PY	-0.012	-0.012	0	0
24	SODIAG1D	PY	-0.012	-0.012	0	0
25	SODIAG1C	PY	-0.012	-0.012	0	0
26	SO2D	PY	-0.012	-0.012	0	0
27	SO2C	PY	-0.012	-0.012	0	0
28	SO1D	PY	-0.012	-0.012	0	0
29	SO1C	PY	-0.012	-0.012	0	0
30	RAIL14	PY	-0.012	-0.012	0	0
31	RAIL13	PY	-0.012	-0.012	0	0
32	RAIL6	PY	-0.012	-0.012	0	0
33	RAIL5	PY	-0.012	-0.012	0	0
34	PL8	PY	-0.017	-0.017	0	0
35	PL7	PY	-0.017	-0.017	0	0
36	PL5	PY	-0.017	-0.017	0	0
37	PL4	PY	-0.017	-0.017	0	0
38	PL1	PY	-0.017	-0.017	0	0
39	PIPE1D	PY	-0.008	-0.008	0	0



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Member Distributed Loads (BLC 4 : Wind Load (30)) (Continued)

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]	
40	PIPE1C	PY	-0.008	-0.008	0	0
41	MTIEBACK	PY	-0.004	-0.004	0	0
42	MSTAB6	PY	-0.006	-0.006	0	0
43	MSTAB5	PY	-0.006	-0.006	0	0
44	MSTAB4	PY	-0.006	-0.006	0	0
45	MSTAB3	PY	-0.006	-0.006	0	0
46	MSTAB2	PY	-0.006	-0.006	0	0
47	MSTAB1	PY	-0.006	-0.006	0	0
48	MRAIL3	PY	-0.005	-0.005	0	0
49	MRAIL2	PY	-0.005	-0.005	0	0
50	MRAIL1	PY	-0.005	-0.005	0	0
51	MP GAMMA3	PY	-0.008	-0.008	0	0
52	MP GAMMA2	PY	-0.008	-0.008	0	0
53	MP GAMMA1	PY	-0.008	-0.008	0	0
54	MP BETA3	PY	-0.008	-0.008	0	0
55	MP BETA2	PY	-0.008	-0.008	0	0
56	MP BETA1	PY	-0.008	-0.008	0	0
57	MP ALPHA3	PY	-0.008	-0.008	0	0
58	MP ALPHA2	PY	-0.008	-0.008	0	0
59	MP ALPHA1	PY	-0.008	-0.008	0	0
60	MID RAIL8	PY	-0.012	-0.012	0	0
61	MID RAIL7	PY	-0.012	-0.012	0	0
62	MID RAIL4	PY	-0.012	-0.012	0	0
63	MID RAIL3	PY	-0.012	-0.012	0	0
64	M170	PY	-0.026	-0.026	0	0
65	M169	PY	-0.012	-0.012	0	0
66	KICKER8	PY	-0.012	-0.012	0	0
67	KICKER7	PY	-0.012	-0.012	0	0
68	KICKER6	PY	-0.012	-0.012	0	0
69	KICKER5	PY	-0.012	-0.012	0	0
70	KICKER4	PY	-0.012	-0.012	0	0
71	KICKER3	PY	-0.012	-0.012	0	0
72	KICKER2	PY	-0.02	-0.02	0	0
73	KICKER1	PY	-0.02	-0.02	0	0
74	INNER8	PY	-0.02	-0.02	0	0
75	INNER7	PY	-0.02	-0.02	0	0
76	INNER6	PY	-0.02	-0.02	0	0
77	INNER5	PY	-0.02	-0.02	0	0
78	INNER4	PY	-0.02	-0.02	0	0
79	INNER3	PY	-0.02	-0.02	0	0
80	INNER2	PY	-0.012	-0.012	0	0
81	INNER1	PY	-0.012	-0.012	0	0
82	HORIZ16	PY	-0.012	-0.012	0	0
83	HORIZ15	PY	-0.012	-0.012	0	0
84	HORIZ14	PY	-0.012	-0.012	0	0
85	HORIZ13	PY	-0.012	-0.012	0	0
86	HORIZ6	PY	-0.006	-0.006	0	0
87	HORIZ5	PY	-0.006	-0.006	0	0
88	H DIAG8	PY	-0.006	-0.006	0	0
89	H DIAG7	PY	-0.006	-0.006	0	0
90	H DIAG6	PY	-0.006	-0.006	0	0
91	H DIAG5	PY	-0.006	-0.006	0	0
92	H DIAG4	PY	-0.006	-0.006	0	0
93	H DIAG3	PY	-0.006	-0.006	0	0
94	H DIAG2	PY	-0.008	-0.008	0	0
95	H DIAG1	PY	-0.02	-0.02	0	0
96	GAMMATIEBACK1	PY	-0.02	-0.02	0	0



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Member Distributed Loads (BLC 4 : Wind Load (30)) (Continued)

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]	
97	FACEC6	PY	-02	-02	0	0
98	FACEC5	PY	-02	-02	0	0
99	FACEC4	PY	-02	-02	0	0
100	FACEC3	PY	-02	-02	0	0
101	FACEC2	PY	-02	-02	0	0
102	FACEC1	PY	-02	-02	0	0
103	FACEA6	PY	-02	-02	0	0
104	FACEA5	PY	-02	-02	0	0
105	FACEA4	PY	-02	-02	0	0
106	FACEA3	PY	-02	-02	0	0
107	FACEA2	PY	-02	-02	0	0
108	FACEA1	PY	-02	-02	0	0
109	FACE12	PY	-02	-02	0	0
110	FACE11	PY	-02	-02	0	0
111	FACE10	PY	-02	-02	0	0
112	FACE9	PY	-02	-02	0	0
113	FACE8	PY	-02	-02	0	0
114	FACE7	PY	-02	-02	0	0
115	FACE6	PY	-02	-02	0	0
116	FACE5	PY	-02	-02	0	0
117	FACE4	PY	-02	-02	0	0
118	FACE3	PY	-02	-02	0	0
119	FACE2	PY	-008	-008	0	0
120	FACE1	PY	-012	-012	0	0
121	DELTA TIEBACK1	PY	-012	-012	0	0
122	ANGLE4	PY	-026	-026	0	0
123	ANGLE3	PY	-026	-026	0	0
124	ANG FACE8	PY	-026	-026	0	0
125	ANG FACE5	PY	-026	-026	0	0
126	ANG FACE4	PY	-026	-026	0	0
127	ANG FACE1	PY	-026	-026	0	0
128	VERTC5	PX	-007	-007	0	0
129	VERTC4	PX	-007	-007	0	0
130	VERTC3	PX	-007	-007	0	0
131	VERTC2	PX	-007	-007	0	0
132	VERTC1	PX	-007	-007	0	0
133	VERTA5	PX	-007	-007	0	0
134	VERTA4	PX	-007	-007	0	0
135	VERTA3	PX	-007	-007	0	0
136	VERTA2	PX	-007	-007	0	0
137	VERTA1	PX	-007	-007	0	0
138	VERT28	PX	-007	-007	0	0
139	VERT27	PX	-007	-007	0	0
140	VERT26	PX	-007	-007	0	0
141	VERT25	PX	-007	-007	0	0
142	VERT24	PX	-007	-007	0	0
143	VERT23	PX	-007	-007	0	0
144	VERT22	PX	-007	-007	0	0
145	VERT13	PX	-007	-007	0	0
146	VERT12	PX	-007	-007	0	0
147	VERT11	PX	-007	-007	0	0
148	VERT10	PX	-007	-007	0	0
149	VERT9	PX	-007	-007	0	0
150	VERT8	PX	-007	-007	0	0
151	SODIAG1D	PX	-007	-007	0	0
152	SODIAG1C	PX	-007	-007	0	0
153	SO2D	PX	-007	-007	0	0



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Member Distributed Loads (BLC 4 : Wind Load (30)) (Continued)

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]	
154	SO2C	PX	-0.07	-0.07	0	0
155	SO1D	PX	-0.07	-0.07	0	0
156	SO1C	PX	-0.07	-0.07	0	0
157	RAIL14	PX	-0.07	-0.07	0	0
158	RAIL13	PX	-0.07	-0.07	0	0
159	RAIL6	PX	-0.07	-0.07	0	0
160	RAIL5	PX	-0.07	-0.07	0	0
161	PL8	PX	-0.01	-0.01	0	0
162	PL7	PX	-0.01	-0.01	0	0
163	PL5	PX	-0.01	-0.01	0	0
164	PL4	PX	-0.01	-0.01	0	0
165	PL1	PX	-0.01	-0.01	0	0
166	PIPE1D	PX	-0.005	-0.005	0	0
167	PIPE1C	PX	-0.005	-0.005	0	0
168	MTIEBACK	PX	-0.002	-0.002	0	0
169	MSTAB6	PX	-0.003	-0.003	0	0
170	MSTAB5	PX	-0.003	-0.003	0	0
171	MSTAB4	PX	-0.003	-0.003	0	0
172	MSTAB3	PX	-0.003	-0.003	0	0
173	MSTAB2	PX	-0.003	-0.003	0	0
174	MSTAB1	PX	-0.003	-0.003	0	0
175	MRAIL3	PX	-0.003	-0.003	0	0
176	MRAIL2	PX	-0.003	-0.003	0	0
177	MRAIL1	PX	-0.003	-0.003	0	0
178	MP GAMMA3	PX	-0.005	-0.005	0	0
179	MP GAMMA2	PX	-0.005	-0.005	0	0
180	MP GAMMA1	PX	-0.005	-0.005	0	0
181	MP BETA3	PX	-0.005	-0.005	0	0
182	MP BETA2	PX	-0.005	-0.005	0	0
183	MP BETA1	PX	-0.005	-0.005	0	0
184	MP ALPHA3	PX	-0.005	-0.005	0	0
185	MP ALPHA2	PX	-0.005	-0.005	0	0
186	MP ALPHA1	PX	-0.005	-0.005	0	0
187	MID RAIL8	PX	-0.007	-0.007	0	0
188	MID RAIL7	PX	-0.007	-0.007	0	0
189	MID RAIL4	PX	-0.007	-0.007	0	0
190	MID RAIL3	PX	-0.007	-0.007	0	0
191	M170	PX	-0.015	-0.015	0	0
192	M169	PX	-0.007	-0.007	0	0
193	KICKER8	PX	-0.007	-0.007	0	0
194	KICKER7	PX	-0.007	-0.007	0	0
195	KICKER6	PX	-0.007	-0.007	0	0
196	KICKER5	PX	-0.007	-0.007	0	0
197	KICKER4	PX	-0.007	-0.007	0	0
198	KICKER3	PX	-0.007	-0.007	0	0
199	KICKER2	PX	-0.011	-0.011	0	0
200	KICKER1	PX	-0.011	-0.011	0	0
201	INNER8	PX	-0.011	-0.011	0	0
202	INNER7	PX	-0.011	-0.011	0	0
203	INNER6	PX	-0.011	-0.011	0	0
204	INNER5	PX	-0.011	-0.011	0	0
205	INNER4	PX	-0.011	-0.011	0	0
206	INNER3	PX	-0.011	-0.011	0	0
207	INNER2	PX	-0.007	-0.007	0	0
208	INNER1	PX	-0.007	-0.007	0	0
209	HORIZ16	PX	-0.007	-0.007	0	0
210	HORIZ15	PX	-0.007	-0.007	0	0



Member Distributed Loads (BLC 4 : Wind Load (30)) (Continued)

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]	
211	HORIZ14	PX	-0.007	-0.007	0	0
212	HORIZ13	PX	-0.007	-0.007	0	0
213	HORIZ6	PX	-0.003	-0.003	0	0
214	HORIZ5	PX	-0.003	-0.003	0	0
215	H DIAG8	PX	-0.003	-0.003	0	0
216	H DIAG7	PX	-0.003	-0.003	0	0
217	H DIAG6	PX	-0.003	-0.003	0	0
218	H DIAG5	PX	-0.003	-0.003	0	0
219	H DIAG4	PX	-0.003	-0.003	0	0
220	H DIAG3	PX	-0.003	-0.003	0	0
221	H DIAG2	PX	-0.005	-0.005	0	0
222	H DIAG1	PX	-0.011	-0.011	0	0
223	GAMMATIEBACK1	PX	-0.011	-0.011	0	0
224	FACEC6	PX	-0.011	-0.011	0	0
225	FACEC5	PX	-0.011	-0.011	0	0
226	FACEC4	PX	-0.011	-0.011	0	0
227	FACEC3	PX	-0.011	-0.011	0	0
228	FACEC2	PX	-0.011	-0.011	0	0
229	FACEC1	PX	-0.011	-0.011	0	0
230	FACEA6	PX	-0.011	-0.011	0	0
231	FACEA5	PX	-0.011	-0.011	0	0
232	FACEA4	PX	-0.011	-0.011	0	0
233	FACEA3	PX	-0.011	-0.011	0	0
234	FACEA2	PX	-0.011	-0.011	0	0
235	FACEA1	PX	-0.011	-0.011	0	0
236	FACE12	PX	-0.011	-0.011	0	0
237	FACE11	PX	-0.011	-0.011	0	0
238	FACE10	PX	-0.011	-0.011	0	0
239	FACE9	PX	-0.011	-0.011	0	0
240	FACE8	PX	-0.011	-0.011	0	0
241	FACE7	PX	-0.011	-0.011	0	0
242	FACE6	PX	-0.011	-0.011	0	0
243	FACE5	PX	-0.011	-0.011	0	0
244	FACE4	PX	-0.011	-0.011	0	0
245	FACE3	PX	-0.011	-0.011	0	0
246	FACE2	PX	-0.005	-0.005	0	0
247	FACE1	PX	-0.007	-0.007	0	0
248	DELTA TIEBACK1	PX	-0.007	-0.007	0	0
249	ANGLE4	PX	-0.015	-0.015	0	0
250	ANGLE3	PX	-0.015	-0.015	0	0
251	ANG FACE8	PX	-0.015	-0.015	0	0
252	ANG FACE5	PX	-0.015	-0.015	0	0
253	ANG FACE4	PX	-0.015	-0.015	0	0
254	ANG FACE1	PX	-0.015	-0.015	0	0

Member Distributed Loads (BLC 5 : Wind Load (60))

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]	
1	VERTC5	PY	-0.007	-0.007	0	0
2	VERTC4	PY	-0.007	-0.007	0	0
3	VERTC3	PY	-0.007	-0.007	0	0
4	VERTC2	PY	-0.007	-0.007	0	0
5	VERTC1	PY	-0.007	-0.007	0	0
6	VERTA5	PY	-0.007	-0.007	0	0
7	VERTA4	PY	-0.007	-0.007	0	0
8	VERTA3	PY	-0.007	-0.007	0	0
9	VERTA2	PY	-0.007	-0.007	0	0



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Member Distributed Loads (BLC 5 : Wind Load (60)) (Continued)

	Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]
10	VERTA1	PY	-0.007	-0.007	0	0
11	VERT28	PY	-0.007	-0.007	0	0
12	VERT27	PY	-0.007	-0.007	0	0
13	VERT26	PY	-0.007	-0.007	0	0
14	VERT25	PY	-0.007	-0.007	0	0
15	VERT24	PY	-0.007	-0.007	0	0
16	VERT23	PY	-0.007	-0.007	0	0
17	VERT22	PY	-0.007	-0.007	0	0
18	VERT13	PY	-0.007	-0.007	0	0
19	VERT12	PY	-0.007	-0.007	0	0
20	VERT11	PY	-0.007	-0.007	0	0
21	VERT10	PY	-0.007	-0.007	0	0
22	VERT9	PY	-0.007	-0.007	0	0
23	VERT8	PY	-0.007	-0.007	0	0
24	SODIAG1D	PY	-0.007	-0.007	0	0
25	SODIAG1C	PY	-0.007	-0.007	0	0
26	SO2D	PY	-0.007	-0.007	0	0
27	SO2C	PY	-0.007	-0.007	0	0
28	SO1D	PY	-0.007	-0.007	0	0
29	SO1C	PY	-0.007	-0.007	0	0
30	RAIL14	PY	-0.007	-0.007	0	0
31	RAIL13	PY	-0.007	-0.007	0	0
32	RAIL6	PY	-0.007	-0.007	0	0
33	RAIL5	PY	-0.007	-0.007	0	0
34	PL8	PY	-0.01	-0.01	0	0
35	PL7	PY	-0.01	-0.01	0	0
36	PL5	PY	-0.01	-0.01	0	0
37	PL4	PY	-0.01	-0.01	0	0
38	PL1	PY	-0.01	-0.01	0	0
39	PIPE1D	PY	-0.005	-0.005	0	0
40	PIPE1C	PY	-0.005	-0.005	0	0
41	MTIEBACK	PY	-0.002	-0.002	0	0
42	MSTAB6	PY	-0.003	-0.003	0	0
43	MSTAB5	PY	-0.003	-0.003	0	0
44	MSTAB4	PY	-0.003	-0.003	0	0
45	MSTAB3	PY	-0.003	-0.003	0	0
46	MSTAB2	PY	-0.003	-0.003	0	0
47	MSTAB1	PY	-0.003	-0.003	0	0
48	MRAIL3	PY	-0.003	-0.003	0	0
49	MRAIL2	PY	-0.003	-0.003	0	0
50	MRAIL1	PY	-0.003	-0.003	0	0
51	MP GAMMA3	PY	-0.005	-0.005	0	0
52	MP GAMMA2	PY	-0.005	-0.005	0	0
53	MP GAMMA1	PY	-0.005	-0.005	0	0
54	MP BETA3	PY	-0.005	-0.005	0	0
55	MP BETA2	PY	-0.005	-0.005	0	0
56	MP BETA1	PY	-0.005	-0.005	0	0
57	MP ALPHA3	PY	-0.005	-0.005	0	0
58	MP ALPHA2	PY	-0.005	-0.005	0	0
59	MP ALPHA1	PY	-0.005	-0.005	0	0
60	MID RAIL8	PY	-0.007	-0.007	0	0
61	MID RAIL7	PY	-0.007	-0.007	0	0
62	MID RAIL4	PY	-0.007	-0.007	0	0
63	MID RAIL3	PY	-0.007	-0.007	0	0
64	M170	PY	-0.015	-0.015	0	0
65	M169	PY	-0.007	-0.007	0	0
66	KICKER8	PY	-0.007	-0.007	0	0



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Member Distributed Loads (BLC 5 : Wind Load (60)) (Continued)

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]	
67	KICKER7	PY	-0.007	-0.007	0	0
68	KICKER6	PY	-0.007	-0.007	0	0
69	KICKER5	PY	-0.007	-0.007	0	0
70	KICKER4	PY	-0.007	-0.007	0	0
71	KICKER3	PY	-0.007	-0.007	0	0
72	KICKER2	PY	-0.011	-0.011	0	0
73	KICKER1	PY	-0.011	-0.011	0	0
74	INNER8	PY	-0.011	-0.011	0	0
75	INNER7	PY	-0.011	-0.011	0	0
76	INNER6	PY	-0.011	-0.011	0	0
77	INNER5	PY	-0.011	-0.011	0	0
78	INNER4	PY	-0.011	-0.011	0	0
79	INNER3	PY	-0.011	-0.011	0	0
80	INNER2	PY	-0.007	-0.007	0	0
81	INNER1	PY	-0.007	-0.007	0	0
82	HORIZ16	PY	-0.007	-0.007	0	0
83	HORIZ15	PY	-0.007	-0.007	0	0
84	HORIZ14	PY	-0.007	-0.007	0	0
85	HORIZ13	PY	-0.007	-0.007	0	0
86	HORIZ6	PY	-0.003	-0.003	0	0
87	HORIZ5	PY	-0.003	-0.003	0	0
88	H DIAG8	PY	-0.003	-0.003	0	0
89	H DIAG7	PY	-0.003	-0.003	0	0
90	H DIAG6	PY	-0.003	-0.003	0	0
91	H DIAG5	PY	-0.003	-0.003	0	0
92	H DIAG4	PY	-0.003	-0.003	0	0
93	H DIAG3	PY	-0.003	-0.003	0	0
94	H DIAG2	PY	-0.005	-0.005	0	0
95	H DIAG1	PY	-0.011	-0.011	0	0
96	GAMMATIEBACK1	PY	-0.011	-0.011	0	0
97	FACEC6	PY	-0.011	-0.011	0	0
98	FACEC5	PY	-0.011	-0.011	0	0
99	FACEC4	PY	-0.011	-0.011	0	0
100	FACEC3	PY	-0.011	-0.011	0	0
101	FACEC2	PY	-0.011	-0.011	0	0
102	FACEC1	PY	-0.011	-0.011	0	0
103	FACEA6	PY	-0.011	-0.011	0	0
104	FACEA5	PY	-0.011	-0.011	0	0
105	FACEA4	PY	-0.011	-0.011	0	0
106	FACEA3	PY	-0.011	-0.011	0	0
107	FACEA2	PY	-0.011	-0.011	0	0
108	FACEA1	PY	-0.011	-0.011	0	0
109	FACE12	PY	-0.011	-0.011	0	0
110	FACE11	PY	-0.011	-0.011	0	0
111	FACE10	PY	-0.011	-0.011	0	0
112	FACE9	PY	-0.011	-0.011	0	0
113	FACE8	PY	-0.011	-0.011	0	0
114	FACE7	PY	-0.011	-0.011	0	0
115	FACE6	PY	-0.011	-0.011	0	0
116	FACE5	PY	-0.011	-0.011	0	0
117	FACE4	PY	-0.011	-0.011	0	0
118	FACE3	PY	-0.011	-0.011	0	0
119	FACE2	PY	-0.005	-0.005	0	0
120	FACE1	PY	-0.007	-0.007	0	0
121	DELTA TIEBACK1	PY	-0.007	-0.007	0	0
122	ANGLE4	PY	-0.015	-0.015	0	0
123	ANGLE3	PY	-0.015	-0.015	0	0



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Member Distributed Loads (BLC 5 : Wind Load (60)) (Continued)

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]	
124	ANG FACE8	PY	-0.015	-0.015	0	0
125	ANG FACE5	PY	-0.015	-0.015	0	0
126	ANG FACE4	PY	-0.015	-0.015	0	0
127	ANG FACE1	PY	-0.015	-0.015	0	0
128	VERTC5	PX	-0.012	-0.012	0	0
129	VERTC4	PX	-0.012	-0.012	0	0
130	VERTC3	PX	-0.012	-0.012	0	0
131	VERTC2	PX	-0.012	-0.012	0	0
132	VERTC1	PX	-0.012	-0.012	0	0
133	VERTA5	PX	-0.012	-0.012	0	0
134	VERTA4	PX	-0.012	-0.012	0	0
135	VERTA3	PX	-0.012	-0.012	0	0
136	VERTA2	PX	-0.012	-0.012	0	0
137	VERTA1	PX	-0.012	-0.012	0	0
138	VERT28	PX	-0.012	-0.012	0	0
139	VERT27	PX	-0.012	-0.012	0	0
140	VERT26	PX	-0.012	-0.012	0	0
141	VERT25	PX	-0.012	-0.012	0	0
142	VERT24	PX	-0.012	-0.012	0	0
143	VERT23	PX	-0.012	-0.012	0	0
144	VERT22	PX	-0.012	-0.012	0	0
145	VERT13	PX	-0.012	-0.012	0	0
146	VERT12	PX	-0.012	-0.012	0	0
147	VERT11	PX	-0.012	-0.012	0	0
148	VERT10	PX	-0.012	-0.012	0	0
149	VERT9	PX	-0.012	-0.012	0	0
150	VERT8	PX	-0.012	-0.012	0	0
151	SODIAG1D	PX	-0.012	-0.012	0	0
152	SODIAG1C	PX	-0.012	-0.012	0	0
153	SO2D	PX	-0.012	-0.012	0	0
154	SO2C	PX	-0.012	-0.012	0	0
155	SO1D	PX	-0.012	-0.012	0	0
156	SO1C	PX	-0.012	-0.012	0	0
157	RAIL14	PX	-0.012	-0.012	0	0
158	RAIL13	PX	-0.012	-0.012	0	0
159	RAIL6	PX	-0.012	-0.012	0	0
160	RAIL5	PX	-0.012	-0.012	0	0
161	PL8	PX	-0.017	-0.017	0	0
162	PL7	PX	-0.017	-0.017	0	0
163	PL5	PX	-0.017	-0.017	0	0
164	PL4	PX	-0.017	-0.017	0	0
165	PL1	PX	-0.017	-0.017	0	0
166	PIPE1D	PX	-0.008	-0.008	0	0
167	PIPE1C	PX	-0.008	-0.008	0	0
168	MTIEBACK	PX	-0.004	-0.004	0	0
169	MSTAB6	PX	-0.006	-0.006	0	0
170	MSTAB5	PX	-0.006	-0.006	0	0
171	MSTAB4	PX	-0.006	-0.006	0	0
172	MSTAB3	PX	-0.006	-0.006	0	0
173	MSTAB2	PX	-0.006	-0.006	0	0
174	MSTAB1	PX	-0.006	-0.006	0	0
175	MRAIL3	PX	-0.005	-0.005	0	0
176	MRAIL2	PX	-0.005	-0.005	0	0
177	MRAIL1	PX	-0.005	-0.005	0	0
178	MP GAMMA3	PX	-0.008	-0.008	0	0
179	MP GAMMA2	PX	-0.008	-0.008	0	0
180	MP GAMMA1	PX	-0.008	-0.008	0	0



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Member Distributed Loads (BLC 5 : Wind Load (60)) (Continued)

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]	
181	MP BETA3	PX	-0.008	-0.008	0	0
182	MP BETA2	PX	-0.008	-0.008	0	0
183	MP BETA1	PX	-0.008	-0.008	0	0
184	MP ALPHA3	PX	-0.008	-0.008	0	0
185	MP ALPHA2	PX	-0.008	-0.008	0	0
186	MP ALPHA1	PX	-0.008	-0.008	0	0
187	MID RAIL8	PX	-0.012	-0.012	0	0
188	MID RAIL7	PX	-0.012	-0.012	0	0
189	MID RAIL4	PX	-0.012	-0.012	0	0
190	MID RAIL3	PX	-0.012	-0.012	0	0
191	M170	PX	-0.026	-0.026	0	0
192	M169	PX	-0.012	-0.012	0	0
193	KICKER8	PX	-0.012	-0.012	0	0
194	KICKER7	PX	-0.012	-0.012	0	0
195	KICKER6	PX	-0.012	-0.012	0	0
196	KICKER5	PX	-0.012	-0.012	0	0
197	KICKER4	PX	-0.012	-0.012	0	0
198	KICKER3	PX	-0.012	-0.012	0	0
199	KICKER2	PX	-0.02	-0.02	0	0
200	KICKER1	PX	-0.02	-0.02	0	0
201	INNER8	PX	-0.02	-0.02	0	0
202	INNER7	PX	-0.02	-0.02	0	0
203	INNER6	PX	-0.02	-0.02	0	0
204	INNER5	PX	-0.02	-0.02	0	0
205	INNER4	PX	-0.02	-0.02	0	0
206	INNER3	PX	-0.02	-0.02	0	0
207	INNER2	PX	-0.012	-0.012	0	0
208	INNER1	PX	-0.012	-0.012	0	0
209	HORIZ16	PX	-0.012	-0.012	0	0
210	HORIZ15	PX	-0.012	-0.012	0	0
211	HORIZ14	PX	-0.012	-0.012	0	0
212	HORIZ13	PX	-0.012	-0.012	0	0
213	HORIZ6	PX	-0.006	-0.006	0	0
214	HORIZ5	PX	-0.006	-0.006	0	0
215	H DIAG8	PX	-0.006	-0.006	0	0
216	H DIAG7	PX	-0.006	-0.006	0	0
217	H DIAG6	PX	-0.006	-0.006	0	0
218	H DIAG5	PX	-0.006	-0.006	0	0
219	H DIAG4	PX	-0.006	-0.006	0	0
220	H DIAG3	PX	-0.006	-0.006	0	0
221	H DIAG2	PX	-0.008	-0.008	0	0
222	H DIAG1	PX	-0.02	-0.02	0	0
223	GAMMATIEBACK1	PX	-0.02	-0.02	0	0
224	FACEC6	PX	-0.02	-0.02	0	0
225	FACEC5	PX	-0.02	-0.02	0	0
226	FACEC4	PX	-0.02	-0.02	0	0
227	FACEC3	PX	-0.02	-0.02	0	0
228	FACEC2	PX	-0.02	-0.02	0	0
229	FACEC1	PX	-0.02	-0.02	0	0
230	FACEA6	PX	-0.02	-0.02	0	0
231	FACEA5	PX	-0.02	-0.02	0	0
232	FACEA4	PX	-0.02	-0.02	0	0
233	FACEA3	PX	-0.02	-0.02	0	0
234	FACEA2	PX	-0.02	-0.02	0	0
235	FACEA1	PX	-0.02	-0.02	0	0
236	FACE12	PX	-0.02	-0.02	0	0
237	FACE11	PX	-0.02	-0.02	0	0



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Member Distributed Loads (BLC 5 : Wind Load (60)) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft.F,...	Start Location[ft, %]	End Location[ft, %]
238	FACE10	PX	-02	-02	0	0
239	FACE9	PX	-02	-02	0	0
240	FACE8	PX	-02	-02	0	0
241	FACE7	PX	-02	-02	0	0
242	FACE6	PX	-02	-02	0	0
243	FACE5	PX	-02	-02	0	0
244	FACE4	PX	-02	-02	0	0
245	FACE3	PX	-02	-02	0	0
246	FACE2	PX	-008	-008	0	0
247	FACE1	PX	-012	-012	0	0
248	DELTA TIEBACK1	PX	-012	-012	0	0
249	ANGLE4	PX	-026	-026	0	0
250	ANGLE3	PX	-026	-026	0	0
251	ANG FACE8	PX	-026	-026	0	0
252	ANG FACE5	PX	-026	-026	0	0
253	ANG FACE4	PX	-026	-026	0	0
254	ANG FACE1	PX	-026	-026	0	0

Member Distributed Loads (BLC 6 : Wind Load (90))

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft.F,...	Start Location[ft, %]	End Location[ft, %]
1	VERTC5	PX	-014	-014	0	0
2	VERTC4	PX	-014	-014	0	0
3	VERTC3	PX	-014	-014	0	0
4	VERTC2	PX	-014	-014	0	0
5	VERTC1	PX	-014	-014	0	0
6	VERTA5	PX	-014	-014	0	0
7	VERTA4	PX	-014	-014	0	0
8	VERTA3	PX	-014	-014	0	0
9	VERTA2	PX	-014	-014	0	0
10	VERTA1	PX	-014	-014	0	0
11	VERT28	PX	-014	-014	0	0
12	VERT27	PX	-014	-014	0	0
13	VERT26	PX	-014	-014	0	0
14	VERT25	PX	-014	-014	0	0
15	VERT24	PX	-014	-014	0	0
16	VERT23	PX	-014	-014	0	0
17	VERT22	PX	-014	-014	0	0
18	VERT13	PX	-014	-014	0	0
19	VERT12	PX	-014	-014	0	0
20	VERT11	PX	-014	-014	0	0
21	VERT10	PX	-014	-014	0	0
22	VERT9	PX	-014	-014	0	0
23	VERT8	PX	-014	-014	0	0
24	SODIAG1D	PX	-014	-014	0	0
25	SODIAG1C	PX	-014	-014	0	0
26	SO2D	PX	-014	-014	0	0
27	SO2C	PX	-014	-014	0	0
28	SO1D	PX	-014	-014	0	0
29	SO1C	PX	-014	-014	0	0
30	RAIL14	PX	-014	-014	0	0
31	RAIL13	PX	-014	-014	0	0
32	RAIL6	PX	-014	-014	0	0
33	RAIL5	PX	-014	-014	0	0
34	PL8	PX	-019	-019	0	0
35	PL7	PX	-019	-019	0	0
36	PL5	PX	-019	-019	0	0



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Member Distributed Loads (BLC 6 : Wind Load (90)) (Continued)

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]	
37	PL4	PX	-0.19	-0.19	0	0
38	PL1	PX	-0.19	-0.19	0	0
39	PIPE1D	PX	-0.01	-0.01	0	0
40	PIPE1C	PX	-0.01	-0.01	0	0
41	MTIEBACK	PX	-0.005	-0.005	0	0
42	MSTAB6	PX	-0.007	-0.007	0	0
43	MSTAB5	PX	-0.007	-0.007	0	0
44	MSTAB4	PX	-0.007	-0.007	0	0
45	MSTAB3	PX	-0.007	-0.007	0	0
46	MSTAB2	PX	-0.007	-0.007	0	0
47	MSTAB1	PX	-0.007	-0.007	0	0
48	MRAIL3	PX	-0.006	-0.006	0	0
49	MRAIL2	PX	-0.006	-0.006	0	0
50	MRAIL1	PX	-0.006	-0.006	0	0
51	MP GAMMA3	PX	-0.01	-0.01	0	0
52	MP GAMMA2	PX	-0.01	-0.01	0	0
53	MP GAMMA1	PX	-0.01	-0.01	0	0
54	MP BETA3	PX	-0.01	-0.01	0	0
55	MP BETA2	PX	-0.01	-0.01	0	0
56	MP BETA1	PX	-0.01	-0.01	0	0
57	MP ALPHA3	PX	-0.01	-0.01	0	0
58	MP ALPHA2	PX	-0.01	-0.01	0	0
59	MP ALPHA1	PX	-0.01	-0.01	0	0
60	MID RAIL8	PX	-0.014	-0.014	0	0
61	MID RAIL7	PX	-0.014	-0.014	0	0
62	MID RAIL4	PX	-0.014	-0.014	0	0
63	MID RAIL3	PX	-0.014	-0.014	0	0
64	M170	PX	-0.03	-0.03	0	0
65	M169	PX	-0.014	-0.014	0	0
66	KICKER8	PX	-0.014	-0.014	0	0
67	KICKER7	PX	-0.014	-0.014	0	0
68	KICKER6	PX	-0.014	-0.014	0	0
69	KICKER5	PX	-0.014	-0.014	0	0
70	KICKER4	PX	-0.014	-0.014	0	0
71	KICKER3	PX	-0.014	-0.014	0	0
72	KICKER2	PX	-0.023	-0.023	0	0
73	KICKER1	PX	-0.023	-0.023	0	0
74	INNER8	PX	-0.023	-0.023	0	0
75	INNER7	PX	-0.023	-0.023	0	0
76	INNER6	PX	-0.023	-0.023	0	0
77	INNER5	PX	-0.023	-0.023	0	0
78	INNER4	PX	-0.023	-0.023	0	0
79	INNER3	PX	-0.023	-0.023	0	0
80	INNER2	PX	-0.014	-0.014	0	0
81	INNER1	PX	-0.014	-0.014	0	0
82	HORIZ16	PX	-0.014	-0.014	0	0
83	HORIZ15	PX	-0.014	-0.014	0	0
84	HORIZ14	PX	-0.014	-0.014	0	0
85	HORIZ13	PX	-0.014	-0.014	0	0
86	HORIZ6	PX	-0.007	-0.007	0	0
87	HORIZ5	PX	-0.007	-0.007	0	0
88	H DIAG8	PX	-0.007	-0.007	0	0
89	H DIAG7	PX	-0.007	-0.007	0	0
90	H DIAG6	PX	-0.007	-0.007	0	0
91	H DIAG5	PX	-0.007	-0.007	0	0
92	H DIAG4	PX	-0.007	-0.007	0	0
93	H DIAG3	PX	-0.007	-0.007	0	0



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Member Distributed Loads (BLC 6 : Wind Load (90)) (Continued)

	Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]
94	H DIAG2	PX	-.01	-.01	0	0
95	H DIAG1	PX	-.023	-.023	0	0
96	GAMMATIEBACK1	PX	-.023	-.023	0	0
97	FACEC6	PX	-.023	-.023	0	0
98	FACEC5	PX	-.023	-.023	0	0
99	FACEC4	PX	-.023	-.023	0	0
100	FACEC3	PX	-.023	-.023	0	0
101	FACEC2	PX	-.023	-.023	0	0
102	FACEC1	PX	-.023	-.023	0	0
103	FACEA6	PX	-.023	-.023	0	0
104	FACEA5	PX	-.023	-.023	0	0
105	FACEA4	PX	-.023	-.023	0	0
106	FACEA3	PX	-.023	-.023	0	0
107	FACEA2	PX	-.023	-.023	0	0
108	FACEA1	PX	-.023	-.023	0	0
109	FACE12	PX	-.023	-.023	0	0
110	FACE11	PX	-.023	-.023	0	0
111	FACE10	PX	-.023	-.023	0	0
112	FACE9	PX	-.023	-.023	0	0
113	FACE8	PX	-.023	-.023	0	0
114	FACE7	PX	-.023	-.023	0	0
115	FACE6	PX	-.023	-.023	0	0
116	FACE5	PX	-.023	-.023	0	0
117	FACE4	PX	-.023	-.023	0	0
118	FACE3	PX	-.023	-.023	0	0
119	FACE2	PX	-.01	-.01	0	0
120	FACE1	PX	-.014	-.014	0	0
121	DELTA TIEBACK1	PX	-.014	-.014	0	0
122	ANGLE4	PX	-.03	-.03	0	0
123	ANGLE3	PX	-.03	-.03	0	0
124	ANG FACE8	PX	-.03	-.03	0	0
125	ANG FACE5	PX	-.03	-.03	0	0
126	ANG FACE4	PX	-.03	-.03	0	0
127	ANG FACE1	PX	-.03	-.03	0	0

Member Distributed Loads (BLC 7 : Wind Load (120))

	Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]
1	VERTC5	PY	.007	.007	0	0
2	VERTC4	PY	.007	.007	0	0
3	VERTC3	PY	.007	.007	0	0
4	VERTC2	PY	.007	.007	0	0
5	VERTC1	PY	.007	.007	0	0
6	VERTA5	PY	.007	.007	0	0
7	VERTA4	PY	.007	.007	0	0
8	VERTA3	PY	.007	.007	0	0
9	VERTA2	PY	.007	.007	0	0
10	VERTA1	PY	.007	.007	0	0
11	VERT28	PY	.007	.007	0	0
12	VERT27	PY	.007	.007	0	0
13	VERT26	PY	.007	.007	0	0
14	VERT25	PY	.007	.007	0	0
15	VERT24	PY	.007	.007	0	0
16	VERT23	PY	.007	.007	0	0
17	VERT22	PY	.007	.007	0	0
18	VERT13	PY	.007	.007	0	0
19	VERT12	PY	.007	.007	0	0



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Member Distributed Loads (BLC 7 : Wind Load (120)) (Continued)

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]	
20	VERT11	PY	.007	.007	0	0
21	VERT10	PY	.007	.007	0	0
22	VERT9	PY	.007	.007	0	0
23	VERT8	PY	.007	.007	0	0
24	SODIAG1D	PY	.007	.007	0	0
25	SODIAG1C	PY	.007	.007	0	0
26	SO2D	PY	.007	.007	0	0
27	SO2C	PY	.007	.007	0	0
28	SO1D	PY	.007	.007	0	0
29	SO1C	PY	.007	.007	0	0
30	RAIL14	PY	.007	.007	0	0
31	RAIL13	PY	.007	.007	0	0
32	RAIL6	PY	.007	.007	0	0
33	RAIL5	PY	.007	.007	0	0
34	PL8	PY	.01	.01	0	0
35	PL7	PY	.01	.01	0	0
36	PL5	PY	.01	.01	0	0
37	PL4	PY	.01	.01	0	0
38	PL1	PY	.01	.01	0	0
39	PIPE1D	PY	.005	.005	0	0
40	PIPE1C	PY	.005	.005	0	0
41	MTIEBACK	PY	.002	.002	0	0
42	MSTAB6	PY	.003	.003	0	0
43	MSTAB5	PY	.003	.003	0	0
44	MSTAB4	PY	.003	.003	0	0
45	MSTAB3	PY	.003	.003	0	0
46	MSTAB2	PY	.003	.003	0	0
47	MSTAB1	PY	.003	.003	0	0
48	MRAIL3	PY	.003	.003	0	0
49	MRAIL2	PY	.003	.003	0	0
50	MRAIL1	PY	.003	.003	0	0
51	MP GAMMA3	PY	.005	.005	0	0
52	MP GAMMA2	PY	.005	.005	0	0
53	MP GAMMA1	PY	.005	.005	0	0
54	MP BETA3	PY	.005	.005	0	0
55	MP BETA2	PY	.005	.005	0	0
56	MP BETA1	PY	.005	.005	0	0
57	MP ALPHA3	PY	.005	.005	0	0
58	MP ALPHA2	PY	.005	.005	0	0
59	MP ALPHA1	PY	.005	.005	0	0
60	MID RAIL8	PY	.007	.007	0	0
61	MID RAIL7	PY	.007	.007	0	0
62	MID RAIL4	PY	.007	.007	0	0
63	MID RAIL3	PY	.007	.007	0	0
64	M170	PY	.015	.015	0	0
65	M169	PY	.007	.007	0	0
66	KICKER8	PY	.007	.007	0	0
67	KICKER7	PY	.007	.007	0	0
68	KICKER6	PY	.007	.007	0	0
69	KICKER5	PY	.007	.007	0	0
70	KICKER4	PY	.007	.007	0	0
71	KICKER3	PY	.007	.007	0	0
72	KICKER2	PY	.011	.011	0	0
73	KICKER1	PY	.011	.011	0	0
74	INNER8	PY	.011	.011	0	0
75	INNER7	PY	.011	.011	0	0
76	INNER6	PY	.011	.011	0	0



Member Distributed Loads (BLC 7 : Wind Load (120)) (Continued)

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]	
77	INNER5	PY	.011	.011	0	0
78	INNER4	PY	.011	.011	0	0
79	INNER3	PY	.011	.011	0	0
80	INNER2	PY	.007	.007	0	0
81	INNER1	PY	.007	.007	0	0
82	HORIZ16	PY	.007	.007	0	0
83	HORIZ15	PY	.007	.007	0	0
84	HORIZ14	PY	.007	.007	0	0
85	HORIZ13	PY	.007	.007	0	0
86	HORIZ6	PY	.003	.003	0	0
87	HORIZ5	PY	.003	.003	0	0
88	H DIAG8	PY	.003	.003	0	0
89	H DIAG7	PY	.003	.003	0	0
90	H DIAG6	PY	.003	.003	0	0
91	H DIAG5	PY	.003	.003	0	0
92	H DIAG4	PY	.003	.003	0	0
93	H DIAG3	PY	.003	.003	0	0
94	H DIAG2	PY	.005	.005	0	0
95	H DIAG1	PY	.011	.011	0	0
96	GAMMATIEBACK1	PY	.011	.011	0	0
97	FACEC6	PY	.011	.011	0	0
98	FACEC5	PY	.011	.011	0	0
99	FACEC4	PY	.011	.011	0	0
100	FACEC3	PY	.011	.011	0	0
101	FACEC2	PY	.011	.011	0	0
102	FACEC1	PY	.011	.011	0	0
103	FACEA6	PY	.011	.011	0	0
104	FACEA5	PY	.011	.011	0	0
105	FACEA4	PY	.011	.011	0	0
106	FACEA3	PY	.011	.011	0	0
107	FACEA2	PY	.011	.011	0	0
108	FACEA1	PY	.011	.011	0	0
109	FACE12	PY	.011	.011	0	0
110	FACE11	PY	.011	.011	0	0
111	FACE10	PY	.011	.011	0	0
112	FACE9	PY	.011	.011	0	0
113	FACE8	PY	.011	.011	0	0
114	FACE7	PY	.011	.011	0	0
115	FACE6	PY	.011	.011	0	0
116	FACE5	PY	.011	.011	0	0
117	FACE4	PY	.011	.011	0	0
118	FACE3	PY	.011	.011	0	0
119	FACE2	PY	.005	.005	0	0
120	FACE1	PY	.007	.007	0	0
121	DELTA TIEBACK1	PY	.007	.007	0	0
122	ANGLE4	PY	.015	.015	0	0
123	ANGLE3	PY	.015	.015	0	0
124	ANG FACE8	PY	.015	.015	0	0
125	ANG FACE5	PY	.015	.015	0	0
126	ANG FACE4	PY	.015	.015	0	0
127	ANG FACE1	PY	.015	.015	0	0
128	VERTC5	PX	-.012	-.012	0	0
129	VERTC4	PX	-.012	-.012	0	0
130	VERTC3	PX	-.012	-.012	0	0
131	VERTC2	PX	-.012	-.012	0	0
132	VERTC1	PX	-.012	-.012	0	0
133	VERTA5	PX	-.012	-.012	0	0



Member Distributed Loads (BLC 7 : Wind Load (120)) (Continued)

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]	
134	VERTA4	PX	-0.12	-0.12	0	0
135	VERTA3	PX	-0.12	-0.12	0	0
136	VERTA2	PX	-0.12	-0.12	0	0
137	VERTA1	PX	-0.12	-0.12	0	0
138	VERT28	PX	-0.12	-0.12	0	0
139	VERT27	PX	-0.12	-0.12	0	0
140	VERT26	PX	-0.12	-0.12	0	0
141	VERT25	PX	-0.12	-0.12	0	0
142	VERT24	PX	-0.12	-0.12	0	0
143	VERT23	PX	-0.12	-0.12	0	0
144	VERT22	PX	-0.12	-0.12	0	0
145	VERT13	PX	-0.12	-0.12	0	0
146	VERT12	PX	-0.12	-0.12	0	0
147	VERT11	PX	-0.12	-0.12	0	0
148	VERT10	PX	-0.12	-0.12	0	0
149	VERT9	PX	-0.12	-0.12	0	0
150	VERT8	PX	-0.12	-0.12	0	0
151	SODIAG1D	PX	-0.12	-0.12	0	0
152	SODIAG1C	PX	-0.12	-0.12	0	0
153	SO2D	PX	-0.12	-0.12	0	0
154	SO2C	PX	-0.12	-0.12	0	0
155	SO1D	PX	-0.12	-0.12	0	0
156	SO1C	PX	-0.12	-0.12	0	0
157	RAIL14	PX	-0.12	-0.12	0	0
158	RAIL13	PX	-0.12	-0.12	0	0
159	RAIL6	PX	-0.12	-0.12	0	0
160	RAIL5	PX	-0.12	-0.12	0	0
161	PL8	PX	-0.17	-0.17	0	0
162	PL7	PX	-0.17	-0.17	0	0
163	PL5	PX	-0.17	-0.17	0	0
164	PL4	PX	-0.17	-0.17	0	0
165	PL1	PX	-0.17	-0.17	0	0
166	PIPE1D	PX	-0.008	-0.008	0	0
167	PIPE1C	PX	-0.008	-0.008	0	0
168	MTIEBACK	PX	-0.004	-0.004	0	0
169	MSTAB6	PX	-0.006	-0.006	0	0
170	MSTAB5	PX	-0.006	-0.006	0	0
171	MSTAB4	PX	-0.006	-0.006	0	0
172	MSTAB3	PX	-0.006	-0.006	0	0
173	MSTAB2	PX	-0.006	-0.006	0	0
174	MSTAB1	PX	-0.006	-0.006	0	0
175	MRAIL3	PX	-0.005	-0.005	0	0
176	MRAIL2	PX	-0.005	-0.005	0	0
177	MRAIL1	PX	-0.005	-0.005	0	0
178	MP GAMMA3	PX	-0.008	-0.008	0	0
179	MP GAMMA2	PX	-0.008	-0.008	0	0
180	MP GAMMA1	PX	-0.008	-0.008	0	0
181	MP BETA3	PX	-0.008	-0.008	0	0
182	MP BETA2	PX	-0.008	-0.008	0	0
183	MP BETA1	PX	-0.008	-0.008	0	0
184	MP ALPHA3	PX	-0.008	-0.008	0	0
185	MP ALPHA2	PX	-0.008	-0.008	0	0
186	MP ALPHA1	PX	-0.008	-0.008	0	0
187	MID RAIL8	PX	-0.12	-0.12	0	0
188	MID RAIL7	PX	-0.12	-0.12	0	0
189	MID RAIL4	PX	-0.12	-0.12	0	0
190	MID RAIL3	PX	-0.12	-0.12	0	0



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Member Distributed Loads (BLC 7 : Wind Load (120)) (Continued)

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]	
191	M170	PX	-0.026	-0.026	0	0
192	M169	PX	-0.012	-0.012	0	0
193	KICKER8	PX	-0.012	-0.012	0	0
194	KICKER7	PX	-0.012	-0.012	0	0
195	KICKER6	PX	-0.012	-0.012	0	0
196	KICKER5	PX	-0.012	-0.012	0	0
197	KICKER4	PX	-0.012	-0.012	0	0
198	KICKER3	PX	-0.012	-0.012	0	0
199	KICKER2	PX	-0.02	-0.02	0	0
200	KICKER1	PX	-0.02	-0.02	0	0
201	INNER8	PX	-0.02	-0.02	0	0
202	INNER7	PX	-0.02	-0.02	0	0
203	INNER6	PX	-0.02	-0.02	0	0
204	INNER5	PX	-0.02	-0.02	0	0
205	INNER4	PX	-0.02	-0.02	0	0
206	INNER3	PX	-0.02	-0.02	0	0
207	INNER2	PX	-0.012	-0.012	0	0
208	INNER1	PX	-0.012	-0.012	0	0
209	HORIZ16	PX	-0.012	-0.012	0	0
210	HORIZ15	PX	-0.012	-0.012	0	0
211	HORIZ14	PX	-0.012	-0.012	0	0
212	HORIZ13	PX	-0.012	-0.012	0	0
213	HORIZ6	PX	-0.006	-0.006	0	0
214	HORIZ5	PX	-0.006	-0.006	0	0
215	H DIAG8	PX	-0.006	-0.006	0	0
216	H DIAG7	PX	-0.006	-0.006	0	0
217	H DIAG6	PX	-0.006	-0.006	0	0
218	H DIAG5	PX	-0.006	-0.006	0	0
219	H DIAG4	PX	-0.006	-0.006	0	0
220	H DIAG3	PX	-0.006	-0.006	0	0
221	H DIAG2	PX	-0.008	-0.008	0	0
222	H DIAG1	PX	-0.02	-0.02	0	0
223	GAMMATIEBACK1	PX	-0.02	-0.02	0	0
224	FACEC6	PX	-0.02	-0.02	0	0
225	FACEC5	PX	-0.02	-0.02	0	0
226	FACEC4	PX	-0.02	-0.02	0	0
227	FACEC3	PX	-0.02	-0.02	0	0
228	FACEC2	PX	-0.02	-0.02	0	0
229	FACEC1	PX	-0.02	-0.02	0	0
230	FACEA6	PX	-0.02	-0.02	0	0
231	FACEA5	PX	-0.02	-0.02	0	0
232	FACEA4	PX	-0.02	-0.02	0	0
233	FACEA3	PX	-0.02	-0.02	0	0
234	FACEA2	PX	-0.02	-0.02	0	0
235	FACEA1	PX	-0.02	-0.02	0	0
236	FACE12	PX	-0.02	-0.02	0	0
237	FACE11	PX	-0.02	-0.02	0	0
238	FACE10	PX	-0.02	-0.02	0	0
239	FACE9	PX	-0.02	-0.02	0	0
240	FACE8	PX	-0.02	-0.02	0	0
241	FACE7	PX	-0.02	-0.02	0	0
242	FACE6	PX	-0.02	-0.02	0	0
243	FACE5	PX	-0.02	-0.02	0	0
244	FACE4	PX	-0.02	-0.02	0	0
245	FACE3	PX	-0.02	-0.02	0	0
246	FACE2	PX	-0.008	-0.008	0	0
247	FACE1	PX	-0.012	-0.012	0	0



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Member Distributed Loads (BLC 7 : Wind Load (120)) (Continued)

Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft.F,...	Start Location[ft, %]	End Location[ft, %]
248 DELTA TIEBACK1	PX	-.012	-.012	0	0
249 ANGLE4	PX	-.026	-.026	0	0
250 ANGLE3	PX	-.026	-.026	0	0
251 ANG FACE8	PX	-.026	-.026	0	0
252 ANG FACE5	PX	-.026	-.026	0	0
253 ANG FACE4	PX	-.026	-.026	0	0
254 ANG FACE1	PX	-.026	-.026	0	0

Member Distributed Loads (BLC 8 : Wind Load (150))

Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft.F,...	Start Location[ft, %]	End Location[ft, %]
1 VERTC5	PY	.012	.012	0	0
2 VERTC4	PY	.012	.012	0	0
3 VERTC3	PY	.012	.012	0	0
4 VERTC2	PY	.012	.012	0	0
5 VERTC1	PY	.012	.012	0	0
6 VERTA5	PY	.012	.012	0	0
7 VERTA4	PY	.012	.012	0	0
8 VERTA3	PY	.012	.012	0	0
9 VERTA2	PY	.012	.012	0	0
10 VERTA1	PY	.012	.012	0	0
11 VERT28	PY	.012	.012	0	0
12 VERT27	PY	.012	.012	0	0
13 VERT26	PY	.012	.012	0	0
14 VERT25	PY	.012	.012	0	0
15 VERT24	PY	.012	.012	0	0
16 VERT23	PY	.012	.012	0	0
17 VERT22	PY	.012	.012	0	0
18 VERT13	PY	.012	.012	0	0
19 VERT12	PY	.012	.012	0	0
20 VERT11	PY	.012	.012	0	0
21 VERT10	PY	.012	.012	0	0
22 VERT9	PY	.012	.012	0	0
23 VERT8	PY	.012	.012	0	0
24 SODIAG1D	PY	.012	.012	0	0
25 SODIAG1C	PY	.012	.012	0	0
26 SO2D	PY	.012	.012	0	0
27 SO2C	PY	.012	.012	0	0
28 SO1D	PY	.012	.012	0	0
29 SO1C	PY	.012	.012	0	0
30 RAIL14	PY	.012	.012	0	0
31 RAIL13	PY	.012	.012	0	0
32 RAIL6	PY	.012	.012	0	0
33 RAIL5	PY	.012	.012	0	0
34 PL8	PY	.017	.017	0	0
35 PL7	PY	.017	.017	0	0
36 PL5	PY	.017	.017	0	0
37 PL4	PY	.017	.017	0	0
38 PL1	PY	.017	.017	0	0
39 PIPE1D	PY	.008	.008	0	0
40 PIPE1C	PY	.008	.008	0	0
41 MTIEBACK	PY	.004	.004	0	0
42 MSTAB6	PY	.006	.006	0	0
43 MSTAB5	PY	.006	.006	0	0
44 MSTAB4	PY	.006	.006	0	0
45 MSTAB3	PY	.006	.006	0	0
46 MSTAB2	PY	.006	.006	0	0



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Member Distributed Loads (BLC 8 : Wind Load (150)) (Continued)

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]	
47	MSTAB1	PY	.006	.006	0	0
48	MRAIL3	PY	.005	.005	0	0
49	MRAIL2	PY	.005	.005	0	0
50	MRAIL1	PY	.005	.005	0	0
51	MP GAMMA3	PY	.008	.008	0	0
52	MP GAMMA2	PY	.008	.008	0	0
53	MP GAMMA1	PY	.008	.008	0	0
54	MP BETA3	PY	.008	.008	0	0
55	MP BETA2	PY	.008	.008	0	0
56	MP BETA1	PY	.008	.008	0	0
57	MP ALPHA3	PY	.008	.008	0	0
58	MP ALPHA2	PY	.008	.008	0	0
59	MP ALPHA1	PY	.008	.008	0	0
60	MID RAIL8	PY	.012	.012	0	0
61	MID RAIL7	PY	.012	.012	0	0
62	MID RAIL4	PY	.012	.012	0	0
63	MID RAIL3	PY	.012	.012	0	0
64	M170	PY	.026	.026	0	0
65	M169	PY	.012	.012	0	0
66	KICKER8	PY	.012	.012	0	0
67	KICKER7	PY	.012	.012	0	0
68	KICKER6	PY	.012	.012	0	0
69	KICKER5	PY	.012	.012	0	0
70	KICKER4	PY	.012	.012	0	0
71	KICKER3	PY	.012	.012	0	0
72	KICKER2	PY	.02	.02	0	0
73	KICKER1	PY	.02	.02	0	0
74	INNER8	PY	.02	.02	0	0
75	INNER7	PY	.02	.02	0	0
76	INNER6	PY	.02	.02	0	0
77	INNER5	PY	.02	.02	0	0
78	INNER4	PY	.02	.02	0	0
79	INNER3	PY	.02	.02	0	0
80	INNER2	PY	.012	.012	0	0
81	INNER1	PY	.012	.012	0	0
82	HORIZ16	PY	.012	.012	0	0
83	HORIZ15	PY	.012	.012	0	0
84	HORIZ14	PY	.012	.012	0	0
85	HORIZ13	PY	.012	.012	0	0
86	HORIZ6	PY	.006	.006	0	0
87	HORIZ5	PY	.006	.006	0	0
88	H DIAG8	PY	.006	.006	0	0
89	H DIAG7	PY	.006	.006	0	0
90	H DIAG6	PY	.006	.006	0	0
91	H DIAG5	PY	.006	.006	0	0
92	H DIAG4	PY	.006	.006	0	0
93	H DIAG3	PY	.006	.006	0	0
94	H DIAG2	PY	.008	.008	0	0
95	H DIAG1	PY	.02	.02	0	0
96	GAMMATIEBACK1	PY	.02	.02	0	0
97	FACEC6	PY	.02	.02	0	0
98	FACEC5	PY	.02	.02	0	0
99	FACEC4	PY	.02	.02	0	0
100	FACEC3	PY	.02	.02	0	0
101	FACEC2	PY	.02	.02	0	0
102	FACEC1	PY	.02	.02	0	0
103	FACEA6	PY	.02	.02	0	0



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Member Distributed Loads (BLC 8 : Wind Load (150)) (Continued)

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]	
104	FACEA5	PY	.02	.02	0	0
105	FACEA4	PY	.02	.02	0	0
106	FACEA3	PY	.02	.02	0	0
107	FACEA2	PY	.02	.02	0	0
108	FACEA1	PY	.02	.02	0	0
109	FACE12	PY	.02	.02	0	0
110	FACE11	PY	.02	.02	0	0
111	FACE10	PY	.02	.02	0	0
112	FACE9	PY	.02	.02	0	0
113	FACE8	PY	.02	.02	0	0
114	FACE7	PY	.02	.02	0	0
115	FACE6	PY	.02	.02	0	0
116	FACE5	PY	.02	.02	0	0
117	FACE4	PY	.02	.02	0	0
118	FACE3	PY	.02	.02	0	0
119	FACE2	PY	.008	.008	0	0
120	FACE1	PY	.012	.012	0	0
121	DELTA TIEBACK1	PY	.012	.012	0	0
122	ANGLE4	PY	.026	.026	0	0
123	ANGLE3	PY	.026	.026	0	0
124	ANG FACE8	PY	.026	.026	0	0
125	ANG FACE5	PY	.026	.026	0	0
126	ANG FACE4	PY	.026	.026	0	0
127	ANG FACE1	PY	.026	.026	0	0
128	VERTC5	PX	-.007	-.007	0	0
129	VERTC4	PX	-.007	-.007	0	0
130	VERTC3	PX	-.007	-.007	0	0
131	VERTC2	PX	-.007	-.007	0	0
132	VERTC1	PX	-.007	-.007	0	0
133	VERTA5	PX	-.007	-.007	0	0
134	VERTA4	PX	-.007	-.007	0	0
135	VERTA3	PX	-.007	-.007	0	0
136	VERTA2	PX	-.007	-.007	0	0
137	VERTA1	PX	-.007	-.007	0	0
138	VERT28	PX	-.007	-.007	0	0
139	VERT27	PX	-.007	-.007	0	0
140	VERT26	PX	-.007	-.007	0	0
141	VERT25	PX	-.007	-.007	0	0
142	VERT24	PX	-.007	-.007	0	0
143	VERT23	PX	-.007	-.007	0	0
144	VERT22	PX	-.007	-.007	0	0
145	VERT13	PX	-.007	-.007	0	0
146	VERT12	PX	-.007	-.007	0	0
147	VERT11	PX	-.007	-.007	0	0
148	VERT10	PX	-.007	-.007	0	0
149	VERT9	PX	-.007	-.007	0	0
150	VERT8	PX	-.007	-.007	0	0
151	SODIAG1D	PX	-.007	-.007	0	0
152	SODIAG1C	PX	-.007	-.007	0	0
153	SO2D	PX	-.007	-.007	0	0
154	SO2C	PX	-.007	-.007	0	0
155	SO1D	PX	-.007	-.007	0	0
156	SO1C	PX	-.007	-.007	0	0
157	RAIL14	PX	-.007	-.007	0	0
158	RAIL13	PX	-.007	-.007	0	0
159	RAIL6	PX	-.007	-.007	0	0
160	RAIL5	PX	-.007	-.007	0	0



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Member Distributed Loads (BLC 8 : Wind Load (150)) (Continued)

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]	
161	PL8	PX	-0.01	-0.01	0	0
162	PL7	PX	-0.01	-0.01	0	0
163	PL5	PX	-0.01	-0.01	0	0
164	PL4	PX	-0.01	-0.01	0	0
165	PL1	PX	-0.01	-0.01	0	0
166	PIPE1D	PX	-0.005	-0.005	0	0
167	PIPE1C	PX	-0.005	-0.005	0	0
168	MTIEBACK	PX	-0.002	-0.002	0	0
169	MSTAB6	PX	-0.003	-0.003	0	0
170	MSTAB5	PX	-0.003	-0.003	0	0
171	MSTAB4	PX	-0.003	-0.003	0	0
172	MSTAB3	PX	-0.003	-0.003	0	0
173	MSTAB2	PX	-0.003	-0.003	0	0
174	MSTAB1	PX	-0.003	-0.003	0	0
175	MRAIL3	PX	-0.003	-0.003	0	0
176	MRAIL2	PX	-0.003	-0.003	0	0
177	MRAIL1	PX	-0.003	-0.003	0	0
178	MP GAMMA3	PX	-0.005	-0.005	0	0
179	MP GAMMA2	PX	-0.005	-0.005	0	0
180	MP GAMMA1	PX	-0.005	-0.005	0	0
181	MP BETA3	PX	-0.005	-0.005	0	0
182	MP BETA2	PX	-0.005	-0.005	0	0
183	MP BETA1	PX	-0.005	-0.005	0	0
184	MP ALPHA3	PX	-0.005	-0.005	0	0
185	MP ALPHA2	PX	-0.005	-0.005	0	0
186	MP ALPHA1	PX	-0.005	-0.005	0	0
187	MID RAIL8	PX	-0.007	-0.007	0	0
188	MID RAIL7	PX	-0.007	-0.007	0	0
189	MID RAIL4	PX	-0.007	-0.007	0	0
190	MID RAIL3	PX	-0.007	-0.007	0	0
191	M170	PX	-0.015	-0.015	0	0
192	M169	PX	-0.007	-0.007	0	0
193	KICKER8	PX	-0.007	-0.007	0	0
194	KICKER7	PX	-0.007	-0.007	0	0
195	KICKER6	PX	-0.007	-0.007	0	0
196	KICKER5	PX	-0.007	-0.007	0	0
197	KICKER4	PX	-0.007	-0.007	0	0
198	KICKER3	PX	-0.007	-0.007	0	0
199	KICKER2	PX	-0.011	-0.011	0	0
200	KICKER1	PX	-0.011	-0.011	0	0
201	INNER8	PX	-0.011	-0.011	0	0
202	INNER7	PX	-0.011	-0.011	0	0
203	INNER6	PX	-0.011	-0.011	0	0
204	INNER5	PX	-0.011	-0.011	0	0
205	INNER4	PX	-0.011	-0.011	0	0
206	INNER3	PX	-0.011	-0.011	0	0
207	INNER2	PX	-0.007	-0.007	0	0
208	INNER1	PX	-0.007	-0.007	0	0
209	HORIZ16	PX	-0.007	-0.007	0	0
210	HORIZ15	PX	-0.007	-0.007	0	0
211	HORIZ14	PX	-0.007	-0.007	0	0
212	HORIZ13	PX	-0.007	-0.007	0	0
213	HORIZ6	PX	-0.003	-0.003	0	0
214	HORIZ5	PX	-0.003	-0.003	0	0
215	H DIAG8	PX	-0.003	-0.003	0	0
216	H DIAG7	PX	-0.003	-0.003	0	0
217	H DIAG6	PX	-0.003	-0.003	0	0



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Member Distributed Loads (BLC 8 : Wind Load (150)) (Continued)

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]	
218	H DIAG5	PX	-0.003	-0.003	0	0
219	H DIAG4	PX	-0.003	-0.003	0	0
220	H DIAG3	PX	-0.003	-0.003	0	0
221	H DIAG2	PX	-0.005	-0.005	0	0
222	H DIAG1	PX	-0.011	-0.011	0	0
223	GAMMATIEBACK1	PX	-0.011	-0.011	0	0
224	FACEC6	PX	-0.011	-0.011	0	0
225	FACEC5	PX	-0.011	-0.011	0	0
226	FACEC4	PX	-0.011	-0.011	0	0
227	FACEC3	PX	-0.011	-0.011	0	0
228	FACEC2	PX	-0.011	-0.011	0	0
229	FACEC1	PX	-0.011	-0.011	0	0
230	FACEA6	PX	-0.011	-0.011	0	0
231	FACEA5	PX	-0.011	-0.011	0	0
232	FACEA4	PX	-0.011	-0.011	0	0
233	FACEA3	PX	-0.011	-0.011	0	0
234	FACEA2	PX	-0.011	-0.011	0	0
235	FACEA1	PX	-0.011	-0.011	0	0
236	FACE12	PX	-0.011	-0.011	0	0
237	FACE11	PX	-0.011	-0.011	0	0
238	FACE10	PX	-0.011	-0.011	0	0
239	FACE9	PX	-0.011	-0.011	0	0
240	FACE8	PX	-0.011	-0.011	0	0
241	FACE7	PX	-0.011	-0.011	0	0
242	FACE6	PX	-0.011	-0.011	0	0
243	FACE5	PX	-0.011	-0.011	0	0
244	FACE4	PX	-0.011	-0.011	0	0
245	FACE3	PX	-0.011	-0.011	0	0
246	FACE2	PX	-0.005	-0.005	0	0
247	FACE1	PX	-0.007	-0.007	0	0
248	DELTA TIEBACK1	PX	-0.007	-0.007	0	0
249	ANGLE4	PX	-0.015	-0.015	0	0
250	ANGLE3	PX	-0.015	-0.015	0	0
251	ANG FACE8	PX	-0.015	-0.015	0	0
252	ANG FACE5	PX	-0.015	-0.015	0	0
253	ANG FACE4	PX	-0.015	-0.015	0	0
254	ANG FACE1	PX	-0.015	-0.015	0	0

Member Distributed Loads (BLC 9 : Wind Load (180))

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]	
1	VERTC5	PY	.014	.014	0	0
2	VERTC4	PY	.014	.014	0	0
3	VERTC3	PY	.014	.014	0	0
4	VERTC2	PY	.014	.014	0	0
5	VERTC1	PY	.014	.014	0	0
6	VERTA5	PY	.014	.014	0	0
7	VERTA4	PY	.014	.014	0	0
8	VERTA3	PY	.014	.014	0	0
9	VERTA2	PY	.014	.014	0	0
10	VERTA1	PY	.014	.014	0	0
11	VERT28	PY	.014	.014	0	0
12	VERT27	PY	.014	.014	0	0
13	VERT26	PY	.014	.014	0	0
14	VERT25	PY	.014	.014	0	0
15	VERT24	PY	.014	.014	0	0
16	VERT23	PY	.014	.014	0	0



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Member Distributed Loads (BLC 9 : Wind Load (180)) (Continued)

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]	
17	VERT22	PY	.014	.014	0	0
18	VERT13	PY	.014	.014	0	0
19	VERT12	PY	.014	.014	0	0
20	VERT11	PY	.014	.014	0	0
21	VERT10	PY	.014	.014	0	0
22	VERT9	PY	.014	.014	0	0
23	VERT8	PY	.014	.014	0	0
24	SODIAG1D	PY	.014	.014	0	0
25	SODIAG1C	PY	.014	.014	0	0
26	SO2D	PY	.014	.014	0	0
27	SO2C	PY	.014	.014	0	0
28	SO1D	PY	.014	.014	0	0
29	SO1C	PY	.014	.014	0	0
30	RAIL14	PY	.014	.014	0	0
31	RAIL13	PY	.014	.014	0	0
32	RAIL6	PY	.014	.014	0	0
33	RAIL5	PY	.014	.014	0	0
34	PL8	PY	.019	.019	0	0
35	PL7	PY	.019	.019	0	0
36	PL5	PY	.019	.019	0	0
37	PL4	PY	.019	.019	0	0
38	PL1	PY	.019	.019	0	0
39	PIPE1D	PY	.01	.01	0	0
40	PIPE1C	PY	.01	.01	0	0
41	MTIEBACK	PY	.005	.005	0	0
42	MSTAB6	PY	.007	.007	0	0
43	MSTAB5	PY	.007	.007	0	0
44	MSTAB4	PY	.007	.007	0	0
45	MSTAB3	PY	.007	.007	0	0
46	MSTAB2	PY	.007	.007	0	0
47	MSTAB1	PY	.007	.007	0	0
48	MRAIL3	PY	.006	.006	0	0
49	MRAIL2	PY	.006	.006	0	0
50	MRAIL1	PY	.006	.006	0	0
51	MP GAMMA3	PY	.01	.01	0	0
52	MP GAMMA2	PY	.01	.01	0	0
53	MP GAMMA1	PY	.01	.01	0	0
54	MP BETA3	PY	.01	.01	0	0
55	MP BETA2	PY	.01	.01	0	0
56	MP BETA1	PY	.01	.01	0	0
57	MP ALPHA3	PY	.01	.01	0	0
58	MP ALPHA2	PY	.01	.01	0	0
59	MP ALPHA1	PY	.01	.01	0	0
60	MID RAIL8	PY	.014	.014	0	0
61	MID RAIL7	PY	.014	.014	0	0
62	MID RAIL4	PY	.014	.014	0	0
63	MID RAIL3	PY	.014	.014	0	0
64	M170	PY	.03	.03	0	0
65	M169	PY	.014	.014	0	0
66	KICKER8	PY	.014	.014	0	0
67	KICKER7	PY	.014	.014	0	0
68	KICKER6	PY	.014	.014	0	0
69	KICKER5	PY	.014	.014	0	0
70	KICKER4	PY	.014	.014	0	0
71	KICKER3	PY	.014	.014	0	0
72	KICKER2	PY	.023	.023	0	0
73	KICKER1	PY	.023	.023	0	0



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Member Distributed Loads (BLC 9 : Wind Load (180)) (Continued)

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]	
74	INNER8	PY	.023	.023	0	0
75	INNER7	PY	.023	.023	0	0
76	INNER6	PY	.023	.023	0	0
77	INNER5	PY	.023	.023	0	0
78	INNER4	PY	.023	.023	0	0
79	INNER3	PY	.023	.023	0	0
80	INNER2	PY	.014	.014	0	0
81	INNER1	PY	.014	.014	0	0
82	HORIZ16	PY	.014	.014	0	0
83	HORIZ15	PY	.014	.014	0	0
84	HORIZ14	PY	.014	.014	0	0
85	HORIZ13	PY	.014	.014	0	0
86	HORIZ6	PY	.007	.007	0	0
87	HORIZ5	PY	.007	.007	0	0
88	H DIAG8	PY	.007	.007	0	0
89	H DIAG7	PY	.007	.007	0	0
90	H DIAG6	PY	.007	.007	0	0
91	H DIAG5	PY	.007	.007	0	0
92	H DIAG4	PY	.007	.007	0	0
93	H DIAG3	PY	.007	.007	0	0
94	H DIAG2	PY	.01	.01	0	0
95	H DIAG1	PY	.023	.023	0	0
96	GAMMATIEBACK1	PY	.023	.023	0	0
97	FACEC6	PY	.023	.023	0	0
98	FACEC5	PY	.023	.023	0	0
99	FACEC4	PY	.023	.023	0	0
100	FACEC3	PY	.023	.023	0	0
101	FACEC2	PY	.023	.023	0	0
102	FACEC1	PY	.023	.023	0	0
103	FACEA6	PY	.023	.023	0	0
104	FACEA5	PY	.023	.023	0	0
105	FACEA4	PY	.023	.023	0	0
106	FACEA3	PY	.023	.023	0	0
107	FACEA2	PY	.023	.023	0	0
108	FACEA1	PY	.023	.023	0	0
109	FACE12	PY	.023	.023	0	0
110	FACE11	PY	.023	.023	0	0
111	FACE10	PY	.023	.023	0	0
112	FACE9	PY	.023	.023	0	0
113	FACE8	PY	.023	.023	0	0
114	FACE7	PY	.023	.023	0	0
115	FACE6	PY	.023	.023	0	0
116	FACE5	PY	.023	.023	0	0
117	FACE4	PY	.023	.023	0	0
118	FACE3	PY	.023	.023	0	0
119	FACE2	PY	.01	.01	0	0
120	FACE1	PY	.014	.014	0	0
121	DELTA TIEBACK1	PY	.014	.014	0	0
122	ANGLE4	PY	.03	.03	0	0
123	ANGLE3	PY	.03	.03	0	0
124	ANG FACE8	PY	.03	.03	0	0
125	ANG FACE5	PY	.03	.03	0	0
126	ANG FACE4	PY	.03	.03	0	0
127	ANG FACE1	PY	.03	.03	0	0

Member Distributed Loads (BLC 10 : Wind Load (210))

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]
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Member Distributed Loads (BLC 10 : Wind Load (210)) (Continued)

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]	
1	VERTC5	PY	.012	.012	0	0
2	VERTC4	PY	.012	.012	0	0
3	VERTC3	PY	.012	.012	0	0
4	VERTC2	PY	.012	.012	0	0
5	VERTC1	PY	.012	.012	0	0
6	VERTA5	PY	.012	.012	0	0
7	VERTA4	PY	.012	.012	0	0
8	VERTA3	PY	.012	.012	0	0
9	VERTA2	PY	.012	.012	0	0
10	VERTA1	PY	.012	.012	0	0
11	VERT28	PY	.012	.012	0	0
12	VERT27	PY	.012	.012	0	0
13	VERT26	PY	.012	.012	0	0
14	VERT25	PY	.012	.012	0	0
15	VERT24	PY	.012	.012	0	0
16	VERT23	PY	.012	.012	0	0
17	VERT22	PY	.012	.012	0	0
18	VERT13	PY	.012	.012	0	0
19	VERT12	PY	.012	.012	0	0
20	VERT11	PY	.012	.012	0	0
21	VERT10	PY	.012	.012	0	0
22	VERT9	PY	.012	.012	0	0
23	VERT8	PY	.012	.012	0	0
24	SODIAG1D	PY	.012	.012	0	0
25	SODIAG1C	PY	.012	.012	0	0
26	SO2D	PY	.012	.012	0	0
27	SO2C	PY	.012	.012	0	0
28	SO1D	PY	.012	.012	0	0
29	SO1C	PY	.012	.012	0	0
30	RAIL14	PY	.012	.012	0	0
31	RAIL13	PY	.012	.012	0	0
32	RAIL6	PY	.012	.012	0	0
33	RAIL5	PY	.012	.012	0	0
34	PL8	PY	.017	.017	0	0
35	PL7	PY	.017	.017	0	0
36	PL5	PY	.017	.017	0	0
37	PL4	PY	.017	.017	0	0
38	PL1	PY	.017	.017	0	0
39	PIPE1D	PY	.008	.008	0	0
40	PIPE1C	PY	.008	.008	0	0
41	MTIEBACK	PY	.004	.004	0	0
42	MSTAB6	PY	.006	.006	0	0
43	MSTAB5	PY	.006	.006	0	0
44	MSTAB4	PY	.006	.006	0	0
45	MSTAB3	PY	.006	.006	0	0
46	MSTAB2	PY	.006	.006	0	0
47	MSTAB1	PY	.006	.006	0	0
48	MRAIL3	PY	.005	.005	0	0
49	MRAIL2	PY	.005	.005	0	0
50	MRAIL1	PY	.005	.005	0	0
51	MP GAMMA3	PY	.008	.008	0	0
52	MP GAMMA2	PY	.008	.008	0	0
53	MP GAMMA1	PY	.008	.008	0	0
54	MP BETA3	PY	.008	.008	0	0
55	MP BETA2	PY	.008	.008	0	0
56	MP BETA1	PY	.008	.008	0	0
57	MP ALPHA3	PY	.008	.008	0	0



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Member Distributed Loads (BLC 10 : Wind Load (210)) (Continued)

	Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]
58	MP ALPHA2	PY	.008	.008	0	0
59	MP ALPHA1	PY	.008	.008	0	0
60	MID RAIL8	PY	.012	.012	0	0
61	MID RAIL7	PY	.012	.012	0	0
62	MID RAIL4	PY	.012	.012	0	0
63	MID RAIL3	PY	.012	.012	0	0
64	M170	PY	.026	.026	0	0
65	M169	PY	.012	.012	0	0
66	KICKER8	PY	.012	.012	0	0
67	KICKER7	PY	.012	.012	0	0
68	KICKER6	PY	.012	.012	0	0
69	KICKER5	PY	.012	.012	0	0
70	KICKER4	PY	.012	.012	0	0
71	KICKER3	PY	.012	.012	0	0
72	KICKER2	PY	.02	.02	0	0
73	KICKER1	PY	.02	.02	0	0
74	INNER8	PY	.02	.02	0	0
75	INNER7	PY	.02	.02	0	0
76	INNER6	PY	.02	.02	0	0
77	INNER5	PY	.02	.02	0	0
78	INNER4	PY	.02	.02	0	0
79	INNER3	PY	.02	.02	0	0
80	INNER2	PY	.012	.012	0	0
81	INNER1	PY	.012	.012	0	0
82	HORIZ16	PY	.012	.012	0	0
83	HORIZ15	PY	.012	.012	0	0
84	HORIZ14	PY	.012	.012	0	0
85	HORIZ13	PY	.012	.012	0	0
86	HORIZ6	PY	.006	.006	0	0
87	HORIZ5	PY	.006	.006	0	0
88	H DIAG8	PY	.006	.006	0	0
89	H DIAG7	PY	.006	.006	0	0
90	H DIAG6	PY	.006	.006	0	0
91	H DIAG5	PY	.006	.006	0	0
92	H DIAG4	PY	.006	.006	0	0
93	H DIAG3	PY	.006	.006	0	0
94	H DIAG2	PY	.008	.008	0	0
95	H DIAG1	PY	.02	.02	0	0
96	GAMMATIEBACK1	PY	.02	.02	0	0
97	FACEC6	PY	.02	.02	0	0
98	FACEC5	PY	.02	.02	0	0
99	FACEC4	PY	.02	.02	0	0
100	FACEC3	PY	.02	.02	0	0
101	FACEC2	PY	.02	.02	0	0
102	FACEC1	PY	.02	.02	0	0
103	FACEA6	PY	.02	.02	0	0
104	FACEA5	PY	.02	.02	0	0
105	FACEA4	PY	.02	.02	0	0
106	FACEA3	PY	.02	.02	0	0
107	FACEA2	PY	.02	.02	0	0
108	FACEA1	PY	.02	.02	0	0
109	FACE12	PY	.02	.02	0	0
110	FACE11	PY	.02	.02	0	0
111	FACE10	PY	.02	.02	0	0
112	FACE9	PY	.02	.02	0	0
113	FACE8	PY	.02	.02	0	0
114	FACE7	PY	.02	.02	0	0



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Member Distributed Loads (BLC 10 : Wind Load (210)) (Continued)

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]	
115	FACE6	PY	.02	.02	0	0
116	FACE5	PY	.02	.02	0	0
117	FACE4	PY	.02	.02	0	0
118	FACE3	PY	.02	.02	0	0
119	FACE2	PY	.008	.008	0	0
120	FACE1	PY	.012	.012	0	0
121	DELTA TIEBACK1	PY	.012	.012	0	0
122	ANGLE4	PY	.026	.026	0	0
123	ANGLE3	PY	.026	.026	0	0
124	ANG FACE8	PY	.026	.026	0	0
125	ANG FACE5	PY	.026	.026	0	0
126	ANG FACE4	PY	.026	.026	0	0
127	ANG FACE1	PY	.026	.026	0	0
128	VERTC5	PX	.007	.007	0	0
129	VERTC4	PX	.007	.007	0	0
130	VERTC3	PX	.007	.007	0	0
131	VERTC2	PX	.007	.007	0	0
132	VERTC1	PX	.007	.007	0	0
133	VERTA5	PX	.007	.007	0	0
134	VERTA4	PX	.007	.007	0	0
135	VERTA3	PX	.007	.007	0	0
136	VERTA2	PX	.007	.007	0	0
137	VERTA1	PX	.007	.007	0	0
138	VERT28	PX	.007	.007	0	0
139	VERT27	PX	.007	.007	0	0
140	VERT26	PX	.007	.007	0	0
141	VERT25	PX	.007	.007	0	0
142	VERT24	PX	.007	.007	0	0
143	VERT23	PX	.007	.007	0	0
144	VERT22	PX	.007	.007	0	0
145	VERT13	PX	.007	.007	0	0
146	VERT12	PX	.007	.007	0	0
147	VERT11	PX	.007	.007	0	0
148	VERT10	PX	.007	.007	0	0
149	VERT9	PX	.007	.007	0	0
150	VERT8	PX	.007	.007	0	0
151	SODIAG1D	PX	.007	.007	0	0
152	SODIAG1C	PX	.007	.007	0	0
153	SO2D	PX	.007	.007	0	0
154	SO2C	PX	.007	.007	0	0
155	SO1D	PX	.007	.007	0	0
156	SO1C	PX	.007	.007	0	0
157	RAIL14	PX	.007	.007	0	0
158	RAIL13	PX	.007	.007	0	0
159	RAIL6	PX	.007	.007	0	0
160	RAIL5	PX	.007	.007	0	0
161	PL8	PX	.01	.01	0	0
162	PL7	PX	.01	.01	0	0
163	PL5	PX	.01	.01	0	0
164	PL4	PX	.01	.01	0	0
165	PL1	PX	.01	.01	0	0
166	PIPE1D	PX	.005	.005	0	0
167	PIPE1C	PX	.005	.005	0	0
168	MTIEBACK	PX	.002	.002	0	0
169	MSTAB6	PX	.003	.003	0	0
170	MSTAB5	PX	.003	.003	0	0
171	MSTAB4	PX	.003	.003	0	0



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Member Distributed Loads (BLC 10 : Wind Load (210)) (Continued)

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]	
172	MSTAB3	PX	.003	.003	0	0
173	MSTAB2	PX	.003	.003	0	0
174	MSTAB1	PX	.003	.003	0	0
175	MRAIL3	PX	.003	.003	0	0
176	MRAIL2	PX	.003	.003	0	0
177	MRAIL1	PX	.003	.003	0	0
178	MP GAMMA3	PX	.005	.005	0	0
179	MP GAMMA2	PX	.005	.005	0	0
180	MP GAMMA1	PX	.005	.005	0	0
181	MP BETA3	PX	.005	.005	0	0
182	MP BETA2	PX	.005	.005	0	0
183	MP BETA1	PX	.005	.005	0	0
184	MP ALPHA3	PX	.005	.005	0	0
185	MP ALPHA2	PX	.005	.005	0	0
186	MP ALPHA1	PX	.005	.005	0	0
187	MID RAIL8	PX	.007	.007	0	0
188	MID RAIL7	PX	.007	.007	0	0
189	MID RAIL4	PX	.007	.007	0	0
190	MID RAIL3	PX	.007	.007	0	0
191	M170	PX	.015	.015	0	0
192	M169	PX	.007	.007	0	0
193	KICKER8	PX	.007	.007	0	0
194	KICKER7	PX	.007	.007	0	0
195	KICKER6	PX	.007	.007	0	0
196	KICKER5	PX	.007	.007	0	0
197	KICKER4	PX	.007	.007	0	0
198	KICKER3	PX	.007	.007	0	0
199	KICKER2	PX	.011	.011	0	0
200	KICKER1	PX	.011	.011	0	0
201	INNER8	PX	.011	.011	0	0
202	INNER7	PX	.011	.011	0	0
203	INNER6	PX	.011	.011	0	0
204	INNER5	PX	.011	.011	0	0
205	INNER4	PX	.011	.011	0	0
206	INNER3	PX	.011	.011	0	0
207	INNER2	PX	.007	.007	0	0
208	INNER1	PX	.007	.007	0	0
209	HORIZ16	PX	.007	.007	0	0
210	HORIZ15	PX	.007	.007	0	0
211	HORIZ14	PX	.007	.007	0	0
212	HORIZ13	PX	.007	.007	0	0
213	HORIZ6	PX	.003	.003	0	0
214	HORIZ5	PX	.003	.003	0	0
215	H DIAG8	PX	.003	.003	0	0
216	H DIAG7	PX	.003	.003	0	0
217	H DIAG6	PX	.003	.003	0	0
218	H DIAG5	PX	.003	.003	0	0
219	H DIAG4	PX	.003	.003	0	0
220	H DIAG3	PX	.003	.003	0	0
221	H DIAG2	PX	.005	.005	0	0
222	H DIAG1	PX	.011	.011	0	0
223	GAMMATIEBACK1	PX	.011	.011	0	0
224	FACEC6	PX	.011	.011	0	0
225	FACEC5	PX	.011	.011	0	0
226	FACEC4	PX	.011	.011	0	0
227	FACEC3	PX	.011	.011	0	0
228	FACEC2	PX	.011	.011	0	0



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Member Distributed Loads (BLC 10 : Wind Load (210)) (Continued)

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]	
229	FACEC1	PX	.011	.011	0	0
230	FACEA6	PX	.011	.011	0	0
231	FACEA5	PX	.011	.011	0	0
232	FACEA4	PX	.011	.011	0	0
233	FACEA3	PX	.011	.011	0	0
234	FACEA2	PX	.011	.011	0	0
235	FACEA1	PX	.011	.011	0	0
236	FACE12	PX	.011	.011	0	0
237	FACE11	PX	.011	.011	0	0
238	FACE10	PX	.011	.011	0	0
239	FACE9	PX	.011	.011	0	0
240	FACE8	PX	.011	.011	0	0
241	FACE7	PX	.011	.011	0	0
242	FACE6	PX	.011	.011	0	0
243	FACE5	PX	.011	.011	0	0
244	FACE4	PX	.011	.011	0	0
245	FACE3	PX	.011	.011	0	0
246	FACE2	PX	.005	.005	0	0
247	FACE1	PX	.007	.007	0	0
248	DELTA TIEBACK1	PX	.007	.007	0	0
249	ANGLE4	PX	.015	.015	0	0
250	ANGLE3	PX	.015	.015	0	0
251	ANG FACE8	PX	.015	.015	0	0
252	ANG FACE5	PX	.015	.015	0	0
253	ANG FACE4	PX	.015	.015	0	0
254	ANG FACE1	PX	.015	.015	0	0

Member Distributed Loads (BLC 11 : Wind Load (240))

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]	
1	VERTC5	PY	.007	.007	0	0
2	VERTC4	PY	.007	.007	0	0
3	VERTC3	PY	.007	.007	0	0
4	VERTC2	PY	.007	.007	0	0
5	VERTC1	PY	.007	.007	0	0
6	VERTA5	PY	.007	.007	0	0
7	VERTA4	PY	.007	.007	0	0
8	VERTA3	PY	.007	.007	0	0
9	VERTA2	PY	.007	.007	0	0
10	VERTA1	PY	.007	.007	0	0
11	VERT28	PY	.007	.007	0	0
12	VERT27	PY	.007	.007	0	0
13	VERT26	PY	.007	.007	0	0
14	VERT25	PY	.007	.007	0	0
15	VERT24	PY	.007	.007	0	0
16	VERT23	PY	.007	.007	0	0
17	VERT22	PY	.007	.007	0	0
18	VERT13	PY	.007	.007	0	0
19	VERT12	PY	.007	.007	0	0
20	VERT11	PY	.007	.007	0	0
21	VERT10	PY	.007	.007	0	0
22	VERT9	PY	.007	.007	0	0
23	VERT8	PY	.007	.007	0	0
24	SODIAG1D	PY	.007	.007	0	0
25	SODIAG1C	PY	.007	.007	0	0
26	SO2D	PY	.007	.007	0	0
27	SO2C	PY	.007	.007	0	0



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Member Distributed Loads (BLC 11 : Wind Load (240)) (Continued)

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]	
28	SO1D	PY	.007	.007	0	0
29	SO1C	PY	.007	.007	0	0
30	RAIL14	PY	.007	.007	0	0
31	RAIL13	PY	.007	.007	0	0
32	RAIL6	PY	.007	.007	0	0
33	RAIL5	PY	.007	.007	0	0
34	PL8	PY	.01	.01	0	0
35	PL7	PY	.01	.01	0	0
36	PL5	PY	.01	.01	0	0
37	PL4	PY	.01	.01	0	0
38	PL1	PY	.01	.01	0	0
39	PIPE1D	PY	.005	.005	0	0
40	PIPE1C	PY	.005	.005	0	0
41	MTIEBACK	PY	.002	.002	0	0
42	MSTAB6	PY	.003	.003	0	0
43	MSTAB5	PY	.003	.003	0	0
44	MSTAB4	PY	.003	.003	0	0
45	MSTAB3	PY	.003	.003	0	0
46	MSTAB2	PY	.003	.003	0	0
47	MSTAB1	PY	.003	.003	0	0
48	MRAIL3	PY	.003	.003	0	0
49	MRAIL2	PY	.003	.003	0	0
50	MRAIL1	PY	.003	.003	0	0
51	MP GAMMA3	PY	.005	.005	0	0
52	MP GAMMA2	PY	.005	.005	0	0
53	MP GAMMA1	PY	.005	.005	0	0
54	MP BETA3	PY	.005	.005	0	0
55	MP BETA2	PY	.005	.005	0	0
56	MP BETA1	PY	.005	.005	0	0
57	MP ALPHA3	PY	.005	.005	0	0
58	MP ALPHA2	PY	.005	.005	0	0
59	MP ALPHA1	PY	.005	.005	0	0
60	MID RAIL8	PY	.007	.007	0	0
61	MID RAIL7	PY	.007	.007	0	0
62	MID RAIL4	PY	.007	.007	0	0
63	MID RAIL3	PY	.007	.007	0	0
64	M170	PY	.015	.015	0	0
65	M169	PY	.007	.007	0	0
66	KICKER8	PY	.007	.007	0	0
67	KICKER7	PY	.007	.007	0	0
68	KICKER6	PY	.007	.007	0	0
69	KICKER5	PY	.007	.007	0	0
70	KICKER4	PY	.007	.007	0	0
71	KICKER3	PY	.007	.007	0	0
72	KICKER2	PY	.011	.011	0	0
73	KICKER1	PY	.011	.011	0	0
74	INNER8	PY	.011	.011	0	0
75	INNER7	PY	.011	.011	0	0
76	INNER6	PY	.011	.011	0	0
77	INNER5	PY	.011	.011	0	0
78	INNER4	PY	.011	.011	0	0
79	INNER3	PY	.011	.011	0	0
80	INNER2	PY	.007	.007	0	0
81	INNER1	PY	.007	.007	0	0
82	HORIZ16	PY	.007	.007	0	0
83	HORIZ15	PY	.007	.007	0	0
84	HORIZ14	PY	.007	.007	0	0



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Member Distributed Loads (BLC 11 : Wind Load (240)) (Continued)

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]	
85	HORIZ13	PY	.007	.007	0	0
86	HORIZ6	PY	.003	.003	0	0
87	HORIZ5	PY	.003	.003	0	0
88	H DIAG8	PY	.003	.003	0	0
89	H DIAG7	PY	.003	.003	0	0
90	H DIAG6	PY	.003	.003	0	0
91	H DIAG5	PY	.003	.003	0	0
92	H DIAG4	PY	.003	.003	0	0
93	H DIAG3	PY	.003	.003	0	0
94	H DIAG2	PY	.005	.005	0	0
95	H DIAG1	PY	.011	.011	0	0
96	GAMMATIEBACK1	PY	.011	.011	0	0
97	FACEC6	PY	.011	.011	0	0
98	FACEC5	PY	.011	.011	0	0
99	FACEC4	PY	.011	.011	0	0
100	FACEC3	PY	.011	.011	0	0
101	FACEC2	PY	.011	.011	0	0
102	FACEC1	PY	.011	.011	0	0
103	FACEA6	PY	.011	.011	0	0
104	FACEA5	PY	.011	.011	0	0
105	FACEA4	PY	.011	.011	0	0
106	FACEA3	PY	.011	.011	0	0
107	FACEA2	PY	.011	.011	0	0
108	FACEA1	PY	.011	.011	0	0
109	FACE12	PY	.011	.011	0	0
110	FACE11	PY	.011	.011	0	0
111	FACE10	PY	.011	.011	0	0
112	FACE9	PY	.011	.011	0	0
113	FACE8	PY	.011	.011	0	0
114	FACE7	PY	.011	.011	0	0
115	FACE6	PY	.011	.011	0	0
116	FACE5	PY	.011	.011	0	0
117	FACE4	PY	.011	.011	0	0
118	FACE3	PY	.011	.011	0	0
119	FACE2	PY	.005	.005	0	0
120	FACE1	PY	.007	.007	0	0
121	DELTA TIEBACK1	PY	.007	.007	0	0
122	ANGLE4	PY	.015	.015	0	0
123	ANGLE3	PY	.015	.015	0	0
124	ANG FACE8	PY	.015	.015	0	0
125	ANG FACE5	PY	.015	.015	0	0
126	ANG FACE4	PY	.015	.015	0	0
127	ANG FACE1	PY	.015	.015	0	0
128	VERTC5	PX	.012	.012	0	0
129	VERTC4	PX	.012	.012	0	0
130	VERTC3	PX	.012	.012	0	0
131	VERTC2	PX	.012	.012	0	0
132	VERTC1	PX	.012	.012	0	0
133	VERTA5	PX	.012	.012	0	0
134	VERTA4	PX	.012	.012	0	0
135	VERTA3	PX	.012	.012	0	0
136	VERTA2	PX	.012	.012	0	0
137	VERTA1	PX	.012	.012	0	0
138	VERT28	PX	.012	.012	0	0
139	VERT27	PX	.012	.012	0	0
140	VERT26	PX	.012	.012	0	0
141	VERT25	PX	.012	.012	0	0



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Member Distributed Loads (BLC 11 : Wind Load (240)) (Continued)

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]	
142	VERT24	PX	.012	.012	0	0
143	VERT23	PX	.012	.012	0	0
144	VERT22	PX	.012	.012	0	0
145	VERT13	PX	.012	.012	0	0
146	VERT12	PX	.012	.012	0	0
147	VERT11	PX	.012	.012	0	0
148	VERT10	PX	.012	.012	0	0
149	VERT9	PX	.012	.012	0	0
150	VERT8	PX	.012	.012	0	0
151	SODIAG1D	PX	.012	.012	0	0
152	SODIAG1C	PX	.012	.012	0	0
153	SO2D	PX	.012	.012	0	0
154	SO2C	PX	.012	.012	0	0
155	SO1D	PX	.012	.012	0	0
156	SO1C	PX	.012	.012	0	0
157	RAIL14	PX	.012	.012	0	0
158	RAIL13	PX	.012	.012	0	0
159	RAIL6	PX	.012	.012	0	0
160	RAIL5	PX	.012	.012	0	0
161	PL8	PX	.017	.017	0	0
162	PL7	PX	.017	.017	0	0
163	PL5	PX	.017	.017	0	0
164	PL4	PX	.017	.017	0	0
165	PL1	PX	.017	.017	0	0
166	PIPE1D	PX	.008	.008	0	0
167	PIPE1C	PX	.008	.008	0	0
168	MTIEBACK	PX	.004	.004	0	0
169	MSTAB6	PX	.006	.006	0	0
170	MSTAB5	PX	.006	.006	0	0
171	MSTAB4	PX	.006	.006	0	0
172	MSTAB3	PX	.006	.006	0	0
173	MSTAB2	PX	.006	.006	0	0
174	MSTAB1	PX	.006	.006	0	0
175	MRAIL3	PX	.005	.005	0	0
176	MRAIL2	PX	.005	.005	0	0
177	MRAIL1	PX	.005	.005	0	0
178	MP GAMMA3	PX	.008	.008	0	0
179	MP GAMMA2	PX	.008	.008	0	0
180	MP GAMMA1	PX	.008	.008	0	0
181	MP BETA3	PX	.008	.008	0	0
182	MP BETA2	PX	.008	.008	0	0
183	MP BETA1	PX	.008	.008	0	0
184	MP ALPHA3	PX	.008	.008	0	0
185	MP ALPHA2	PX	.008	.008	0	0
186	MP ALPHA1	PX	.008	.008	0	0
187	MID RAIL8	PX	.012	.012	0	0
188	MID RAIL7	PX	.012	.012	0	0
189	MID RAIL4	PX	.012	.012	0	0
190	MID RAIL3	PX	.012	.012	0	0
191	M170	PX	.026	.026	0	0
192	M169	PX	.012	.012	0	0
193	KICKER8	PX	.012	.012	0	0
194	KICKER7	PX	.012	.012	0	0
195	KICKER6	PX	.012	.012	0	0
196	KICKER5	PX	.012	.012	0	0
197	KICKER4	PX	.012	.012	0	0
198	KICKER3	PX	.012	.012	0	0



Member Distributed Loads (BLC 11 : Wind Load (240)) (Continued)

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]	
199	KICKER2	PX	.02	.02	0	0
200	KICKER1	PX	.02	.02	0	0
201	INNER8	PX	.02	.02	0	0
202	INNER7	PX	.02	.02	0	0
203	INNER6	PX	.02	.02	0	0
204	INNER5	PX	.02	.02	0	0
205	INNER4	PX	.02	.02	0	0
206	INNER3	PX	.02	.02	0	0
207	INNER2	PX	.012	.012	0	0
208	INNER1	PX	.012	.012	0	0
209	HORIZ16	PX	.012	.012	0	0
210	HORIZ15	PX	.012	.012	0	0
211	HORIZ14	PX	.012	.012	0	0
212	HORIZ13	PX	.012	.012	0	0
213	HORIZ6	PX	.006	.006	0	0
214	HORIZ5	PX	.006	.006	0	0
215	H DIAG8	PX	.006	.006	0	0
216	H DIAG7	PX	.006	.006	0	0
217	H DIAG6	PX	.006	.006	0	0
218	H DIAG5	PX	.006	.006	0	0
219	H DIAG4	PX	.006	.006	0	0
220	H DIAG3	PX	.006	.006	0	0
221	H DIAG2	PX	.008	.008	0	0
222	H DIAG1	PX	.02	.02	0	0
223	GAMMATIEBACK1	PX	.02	.02	0	0
224	FACEC6	PX	.02	.02	0	0
225	FACEC5	PX	.02	.02	0	0
226	FACEC4	PX	.02	.02	0	0
227	FACEC3	PX	.02	.02	0	0
228	FACEC2	PX	.02	.02	0	0
229	FACEC1	PX	.02	.02	0	0
230	FACEA6	PX	.02	.02	0	0
231	FACEA5	PX	.02	.02	0	0
232	FACEA4	PX	.02	.02	0	0
233	FACEA3	PX	.02	.02	0	0
234	FACEA2	PX	.02	.02	0	0
235	FACEA1	PX	.02	.02	0	0
236	FACE12	PX	.02	.02	0	0
237	FACE11	PX	.02	.02	0	0
238	FACE10	PX	.02	.02	0	0
239	FACE9	PX	.02	.02	0	0
240	FACE8	PX	.02	.02	0	0
241	FACE7	PX	.02	.02	0	0
242	FACE6	PX	.02	.02	0	0
243	FACE5	PX	.02	.02	0	0
244	FACE4	PX	.02	.02	0	0
245	FACE3	PX	.02	.02	0	0
246	FACE2	PX	.008	.008	0	0
247	FACE1	PX	.012	.012	0	0
248	DELTA TIEBACK1	PX	.012	.012	0	0
249	ANGLE4	PX	.026	.026	0	0
250	ANGLE3	PX	.026	.026	0	0
251	ANG FACE8	PX	.026	.026	0	0
252	ANG FACE5	PX	.026	.026	0	0
253	ANG FACE4	PX	.026	.026	0	0
254	ANG FACE1	PX	.026	.026	0	0



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Member Distributed Loads (BLC 12 : Wind Load (270))

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]	
1	VERTC5	PX	.014	.014	0	0
2	VERTC4	PX	.014	.014	0	0
3	VERTC3	PX	.014	.014	0	0
4	VERTC2	PX	.014	.014	0	0
5	VERTC1	PX	.014	.014	0	0
6	VERTA5	PX	.014	.014	0	0
7	VERTA4	PX	.014	.014	0	0
8	VERTA3	PX	.014	.014	0	0
9	VERTA2	PX	.014	.014	0	0
10	VERTA1	PX	.014	.014	0	0
11	VERT28	PX	.014	.014	0	0
12	VERT27	PX	.014	.014	0	0
13	VERT26	PX	.014	.014	0	0
14	VERT25	PX	.014	.014	0	0
15	VERT24	PX	.014	.014	0	0
16	VERT23	PX	.014	.014	0	0
17	VERT22	PX	.014	.014	0	0
18	VERT13	PX	.014	.014	0	0
19	VERT12	PX	.014	.014	0	0
20	VERT11	PX	.014	.014	0	0
21	VERT10	PX	.014	.014	0	0
22	VERT9	PX	.014	.014	0	0
23	VERT8	PX	.014	.014	0	0
24	SODIAG1D	PX	.014	.014	0	0
25	SODIAG1C	PX	.014	.014	0	0
26	SO2D	PX	.014	.014	0	0
27	SO2C	PX	.014	.014	0	0
28	SO1D	PX	.014	.014	0	0
29	SO1C	PX	.014	.014	0	0
30	RAIL14	PX	.014	.014	0	0
31	RAIL13	PX	.014	.014	0	0
32	RAIL6	PX	.014	.014	0	0
33	RAIL5	PX	.014	.014	0	0
34	PL8	PX	.019	.019	0	0
35	PL7	PX	.019	.019	0	0
36	PL5	PX	.019	.019	0	0
37	PL4	PX	.019	.019	0	0
38	PL1	PX	.019	.019	0	0
39	PIPE1D	PX	.01	.01	0	0
40	PIPE1C	PX	.01	.01	0	0
41	MTIEBACK	PX	.005	.005	0	0
42	MSTAB6	PX	.007	.007	0	0
43	MSTAB5	PX	.007	.007	0	0
44	MSTAB4	PX	.007	.007	0	0
45	MSTAB3	PX	.007	.007	0	0
46	MSTAB2	PX	.007	.007	0	0
47	MSTAB1	PX	.007	.007	0	0
48	MRAIL3	PX	.006	.006	0	0
49	MRAIL2	PX	.006	.006	0	0
50	MRAIL1	PX	.006	.006	0	0
51	MP GAMMA3	PX	.01	.01	0	0
52	MP GAMMA2	PX	.01	.01	0	0
53	MP GAMMA1	PX	.01	.01	0	0
54	MP BETA3	PX	.01	.01	0	0
55	MP BETA2	PX	.01	.01	0	0
56	MP BETA1	PX	.01	.01	0	0
57	MP ALPHA3	PX	.01	.01	0	0



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Member Distributed Loads (BLC 12 : Wind Load (270)) (Continued)

	Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]
58	MP ALPHA2	PX	.01	.01	0	0
59	MP ALPHA1	PX	.01	.01	0	0
60	MID RAIL8	PX	.014	.014	0	0
61	MID RAIL7	PX	.014	.014	0	0
62	MID RAIL4	PX	.014	.014	0	0
63	MID RAIL3	PX	.014	.014	0	0
64	M170	PX	.03	.03	0	0
65	M169	PX	.014	.014	0	0
66	KICKER8	PX	.014	.014	0	0
67	KICKER7	PX	.014	.014	0	0
68	KICKER6	PX	.014	.014	0	0
69	KICKER5	PX	.014	.014	0	0
70	KICKER4	PX	.014	.014	0	0
71	KICKER3	PX	.014	.014	0	0
72	KICKER2	PX	.023	.023	0	0
73	KICKER1	PX	.023	.023	0	0
74	INNER8	PX	.023	.023	0	0
75	INNER7	PX	.023	.023	0	0
76	INNER6	PX	.023	.023	0	0
77	INNER5	PX	.023	.023	0	0
78	INNER4	PX	.023	.023	0	0
79	INNER3	PX	.023	.023	0	0
80	INNER2	PX	.014	.014	0	0
81	INNER1	PX	.014	.014	0	0
82	HORIZ16	PX	.014	.014	0	0
83	HORIZ15	PX	.014	.014	0	0
84	HORIZ14	PX	.014	.014	0	0
85	HORIZ13	PX	.014	.014	0	0
86	HORIZ6	PX	.007	.007	0	0
87	HORIZ5	PX	.007	.007	0	0
88	H DIAG8	PX	.007	.007	0	0
89	H DIAG7	PX	.007	.007	0	0
90	H DIAG6	PX	.007	.007	0	0
91	H DIAG5	PX	.007	.007	0	0
92	H DIAG4	PX	.007	.007	0	0
93	H DIAG3	PX	.007	.007	0	0
94	H DIAG2	PX	.01	.01	0	0
95	H DIAG1	PX	.023	.023	0	0
96	GAMMATIEBACK1	PX	.023	.023	0	0
97	FACEC6	PX	.023	.023	0	0
98	FACEC5	PX	.023	.023	0	0
99	FACEC4	PX	.023	.023	0	0
100	FACEC3	PX	.023	.023	0	0
101	FACEC2	PX	.023	.023	0	0
102	FACEC1	PX	.023	.023	0	0
103	FACEA6	PX	.023	.023	0	0
104	FACEA5	PX	.023	.023	0	0
105	FACEA4	PX	.023	.023	0	0
106	FACEA3	PX	.023	.023	0	0
107	FACEA2	PX	.023	.023	0	0
108	FACEA1	PX	.023	.023	0	0
109	FACE12	PX	.023	.023	0	0
110	FACE11	PX	.023	.023	0	0
111	FACE10	PX	.023	.023	0	0
112	FACE9	PX	.023	.023	0	0
113	FACE8	PX	.023	.023	0	0
114	FACE7	PX	.023	.023	0	0



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Member Distributed Loads (BLC 12 : Wind Load (270)) (Continued)

	Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]
115	FACE6	PX	.023	.023	0	0
116	FACE5	PX	.023	.023	0	0
117	FACE4	PX	.023	.023	0	0
118	FACE3	PX	.023	.023	0	0
119	FACE2	PX	.01	.01	0	0
120	FACE1	PX	.014	.014	0	0
121	DELTA TIEBACK1	PX	.014	.014	0	0
122	ANGLE4	PX	.03	.03	0	0
123	ANGLE3	PX	.03	.03	0	0
124	ANG FACE8	PX	.03	.03	0	0
125	ANG FACE5	PX	.03	.03	0	0
126	ANG FACE4	PX	.03	.03	0	0
127	ANG FACE1	PX	.03	.03	0	0

Member Distributed Loads (BLC 13 : Wind Load (300))

	Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]
1	VERTC5	PY	-.007	-.007	0	0
2	VERTC4	PY	-.007	-.007	0	0
3	VERTC3	PY	-.007	-.007	0	0
4	VERTC2	PY	-.007	-.007	0	0
5	VERTC1	PY	-.007	-.007	0	0
6	VERTA5	PY	-.007	-.007	0	0
7	VERTA4	PY	-.007	-.007	0	0
8	VERTA3	PY	-.007	-.007	0	0
9	VERTA2	PY	-.007	-.007	0	0
10	VERTA1	PY	-.007	-.007	0	0
11	VERT28	PY	-.007	-.007	0	0
12	VERT27	PY	-.007	-.007	0	0
13	VERT26	PY	-.007	-.007	0	0
14	VERT25	PY	-.007	-.007	0	0
15	VERT24	PY	-.007	-.007	0	0
16	VERT23	PY	-.007	-.007	0	0
17	VERT22	PY	-.007	-.007	0	0
18	VERT13	PY	-.007	-.007	0	0
19	VERT12	PY	-.007	-.007	0	0
20	VERT11	PY	-.007	-.007	0	0
21	VERT10	PY	-.007	-.007	0	0
22	VERT9	PY	-.007	-.007	0	0
23	VERT8	PY	-.007	-.007	0	0
24	SODIAG1D	PY	-.007	-.007	0	0
25	SODIAG1C	PY	-.007	-.007	0	0
26	SO2D	PY	-.007	-.007	0	0
27	SO2C	PY	-.007	-.007	0	0
28	SO1D	PY	-.007	-.007	0	0
29	SO1C	PY	-.007	-.007	0	0
30	RAIL14	PY	-.007	-.007	0	0
31	RAIL13	PY	-.007	-.007	0	0
32	RAIL6	PY	-.007	-.007	0	0
33	RAIL5	PY	-.007	-.007	0	0
34	PL8	PY	-.01	-.01	0	0
35	PL7	PY	-.01	-.01	0	0
36	PL5	PY	-.01	-.01	0	0
37	PL4	PY	-.01	-.01	0	0
38	PL1	PY	-.01	-.01	0	0
39	PIPE1D	PY	-.005	-.005	0	0
40	PIPE1C	PY	-.005	-.005	0	0



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Member Distributed Loads (BLC 13 : Wind Load (300)) (Continued)

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]	
41	MTIEBACK	PY	-0.002	-0.002	0	0
42	MSTAB6	PY	-0.003	-0.003	0	0
43	MSTAB5	PY	-0.003	-0.003	0	0
44	MSTAB4	PY	-0.003	-0.003	0	0
45	MSTAB3	PY	-0.003	-0.003	0	0
46	MSTAB2	PY	-0.003	-0.003	0	0
47	MSTAB1	PY	-0.003	-0.003	0	0
48	MRAIL3	PY	-0.003	-0.003	0	0
49	MRAIL2	PY	-0.003	-0.003	0	0
50	MRAIL1	PY	-0.003	-0.003	0	0
51	MP GAMMA3	PY	-0.005	-0.005	0	0
52	MP GAMMA2	PY	-0.005	-0.005	0	0
53	MP GAMMA1	PY	-0.005	-0.005	0	0
54	MP BETA3	PY	-0.005	-0.005	0	0
55	MP BETA2	PY	-0.005	-0.005	0	0
56	MP BETA1	PY	-0.005	-0.005	0	0
57	MP ALPHA3	PY	-0.005	-0.005	0	0
58	MP ALPHA2	PY	-0.005	-0.005	0	0
59	MP ALPHA1	PY	-0.005	-0.005	0	0
60	MID RAIL8	PY	-0.007	-0.007	0	0
61	MID RAIL7	PY	-0.007	-0.007	0	0
62	MID RAIL4	PY	-0.007	-0.007	0	0
63	MID RAIL3	PY	-0.007	-0.007	0	0
64	M170	PY	-0.015	-0.015	0	0
65	M169	PY	-0.007	-0.007	0	0
66	KICKER8	PY	-0.007	-0.007	0	0
67	KICKER7	PY	-0.007	-0.007	0	0
68	KICKER6	PY	-0.007	-0.007	0	0
69	KICKER5	PY	-0.007	-0.007	0	0
70	KICKER4	PY	-0.007	-0.007	0	0
71	KICKER3	PY	-0.007	-0.007	0	0
72	KICKER2	PY	-0.011	-0.011	0	0
73	KICKER1	PY	-0.011	-0.011	0	0
74	INNER8	PY	-0.011	-0.011	0	0
75	INNER7	PY	-0.011	-0.011	0	0
76	INNER6	PY	-0.011	-0.011	0	0
77	INNER5	PY	-0.011	-0.011	0	0
78	INNER4	PY	-0.011	-0.011	0	0
79	INNER3	PY	-0.011	-0.011	0	0
80	INNER2	PY	-0.007	-0.007	0	0
81	INNER1	PY	-0.007	-0.007	0	0
82	HORIZ16	PY	-0.007	-0.007	0	0
83	HORIZ15	PY	-0.007	-0.007	0	0
84	HORIZ14	PY	-0.007	-0.007	0	0
85	HORIZ13	PY	-0.007	-0.007	0	0
86	HORIZ6	PY	-0.003	-0.003	0	0
87	HORIZ5	PY	-0.003	-0.003	0	0
88	H DIAG8	PY	-0.003	-0.003	0	0
89	H DIAG7	PY	-0.003	-0.003	0	0
90	H DIAG6	PY	-0.003	-0.003	0	0
91	H DIAG5	PY	-0.003	-0.003	0	0
92	H DIAG4	PY	-0.003	-0.003	0	0
93	H DIAG3	PY	-0.003	-0.003	0	0
94	H DIAG2	PY	-0.005	-0.005	0	0
95	H DIAG1	PY	-0.011	-0.011	0	0
96	GAMMATIEBACK1	PY	-0.011	-0.011	0	0
97	FACEC6	PY	-0.011	-0.011	0	0



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Member Distributed Loads (BLC 13 : Wind Load (300)) (Continued)

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]	
98	FACEC5	PY	-0.11	-0.11	0	0
99	FACEC4	PY	-0.11	-0.11	0	0
100	FACEC3	PY	-0.11	-0.11	0	0
101	FACEC2	PY	-0.11	-0.11	0	0
102	FACEC1	PY	-0.11	-0.11	0	0
103	FACEA6	PY	-0.11	-0.11	0	0
104	FACEA5	PY	-0.11	-0.11	0	0
105	FACEA4	PY	-0.11	-0.11	0	0
106	FACEA3	PY	-0.11	-0.11	0	0
107	FACEA2	PY	-0.11	-0.11	0	0
108	FACEA1	PY	-0.11	-0.11	0	0
109	FACE12	PY	-0.11	-0.11	0	0
110	FACE11	PY	-0.11	-0.11	0	0
111	FACE10	PY	-0.11	-0.11	0	0
112	FACE9	PY	-0.11	-0.11	0	0
113	FACE8	PY	-0.11	-0.11	0	0
114	FACE7	PY	-0.11	-0.11	0	0
115	FACE6	PY	-0.11	-0.11	0	0
116	FACE5	PY	-0.11	-0.11	0	0
117	FACE4	PY	-0.11	-0.11	0	0
118	FACE3	PY	-0.11	-0.11	0	0
119	FACE2	PY	-0.005	-0.005	0	0
120	FACE1	PY	-0.007	-0.007	0	0
121	DELTA TIEBACK1	PY	-0.007	-0.007	0	0
122	ANGLE4	PY	-0.015	-0.015	0	0
123	ANGLE3	PY	-0.015	-0.015	0	0
124	ANG FACE8	PY	-0.015	-0.015	0	0
125	ANG FACE5	PY	-0.015	-0.015	0	0
126	ANG FACE4	PY	-0.015	-0.015	0	0
127	ANG FACE1	PY	-0.015	-0.015	0	0
128	VERTC5	PX	.012	.012	0	0
129	VERTC4	PX	.012	.012	0	0
130	VERTC3	PX	.012	.012	0	0
131	VERTC2	PX	.012	.012	0	0
132	VERTC1	PX	.012	.012	0	0
133	VERTA5	PX	.012	.012	0	0
134	VERTA4	PX	.012	.012	0	0
135	VERTA3	PX	.012	.012	0	0
136	VERTA2	PX	.012	.012	0	0
137	VERTA1	PX	.012	.012	0	0
138	VERT28	PX	.012	.012	0	0
139	VERT27	PX	.012	.012	0	0
140	VERT26	PX	.012	.012	0	0
141	VERT25	PX	.012	.012	0	0
142	VERT24	PX	.012	.012	0	0
143	VERT23	PX	.012	.012	0	0
144	VERT22	PX	.012	.012	0	0
145	VERT13	PX	.012	.012	0	0
146	VERT12	PX	.012	.012	0	0
147	VERT11	PX	.012	.012	0	0
148	VERT10	PX	.012	.012	0	0
149	VERT9	PX	.012	.012	0	0
150	VERT8	PX	.012	.012	0	0
151	SODIAG1D	PX	.012	.012	0	0
152	SODIAG1C	PX	.012	.012	0	0
153	SO2D	PX	.012	.012	0	0
154	SO2C	PX	.012	.012	0	0



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Member Distributed Loads (BLC 13 : Wind Load (300)) (Continued)

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]	
155	SO1D	PX	.012	.012	0	0
156	SO1C	PX	.012	.012	0	0
157	RAIL14	PX	.012	.012	0	0
158	RAIL13	PX	.012	.012	0	0
159	RAIL6	PX	.012	.012	0	0
160	RAIL5	PX	.012	.012	0	0
161	PL8	PX	.017	.017	0	0
162	PL7	PX	.017	.017	0	0
163	PL5	PX	.017	.017	0	0
164	PL4	PX	.017	.017	0	0
165	PL1	PX	.017	.017	0	0
166	PIPE1D	PX	.008	.008	0	0
167	PIPE1C	PX	.008	.008	0	0
168	MTIEBACK	PX	.004	.004	0	0
169	MSTAB6	PX	.006	.006	0	0
170	MSTAB5	PX	.006	.006	0	0
171	MSTAB4	PX	.006	.006	0	0
172	MSTAB3	PX	.006	.006	0	0
173	MSTAB2	PX	.006	.006	0	0
174	MSTAB1	PX	.006	.006	0	0
175	MRAIL3	PX	.005	.005	0	0
176	MRAIL2	PX	.005	.005	0	0
177	MRAIL1	PX	.005	.005	0	0
178	MP GAMMA3	PX	.008	.008	0	0
179	MP GAMMA2	PX	.008	.008	0	0
180	MP GAMMA1	PX	.008	.008	0	0
181	MP BETA3	PX	.008	.008	0	0
182	MP BETA2	PX	.008	.008	0	0
183	MP BETA1	PX	.008	.008	0	0
184	MP ALPHA3	PX	.008	.008	0	0
185	MP ALPHA2	PX	.008	.008	0	0
186	MP ALPHA1	PX	.008	.008	0	0
187	MID RAIL8	PX	.012	.012	0	0
188	MID RAIL7	PX	.012	.012	0	0
189	MID RAIL4	PX	.012	.012	0	0
190	MID RAIL3	PX	.012	.012	0	0
191	M170	PX	.026	.026	0	0
192	M169	PX	.012	.012	0	0
193	KICKER8	PX	.012	.012	0	0
194	KICKER7	PX	.012	.012	0	0
195	KICKER6	PX	.012	.012	0	0
196	KICKER5	PX	.012	.012	0	0
197	KICKER4	PX	.012	.012	0	0
198	KICKER3	PX	.012	.012	0	0
199	KICKER2	PX	.02	.02	0	0
200	KICKER1	PX	.02	.02	0	0
201	INNER8	PX	.02	.02	0	0
202	INNER7	PX	.02	.02	0	0
203	INNER6	PX	.02	.02	0	0
204	INNER5	PX	.02	.02	0	0
205	INNER4	PX	.02	.02	0	0
206	INNER3	PX	.02	.02	0	0
207	INNER2	PX	.012	.012	0	0
208	INNER1	PX	.012	.012	0	0
209	HORIZ16	PX	.012	.012	0	0
210	HORIZ15	PX	.012	.012	0	0
211	HORIZ14	PX	.012	.012	0	0



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Member Distributed Loads (BLC 13 : Wind Load (300)) (Continued)

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]	
212	HORIZ13	PX	.012	.012	0	0
213	HORIZ6	PX	.006	.006	0	0
214	HORIZ5	PX	.006	.006	0	0
215	H DIAG8	PX	.006	.006	0	0
216	H DIAG7	PX	.006	.006	0	0
217	H DIAG6	PX	.006	.006	0	0
218	H DIAG5	PX	.006	.006	0	0
219	H DIAG4	PX	.006	.006	0	0
220	H DIAG3	PX	.006	.006	0	0
221	H DIAG2	PX	.008	.008	0	0
222	H DIAG1	PX	.02	.02	0	0
223	GAMMATIEBACK1	PX	.02	.02	0	0
224	FACEC6	PX	.02	.02	0	0
225	FACEC5	PX	.02	.02	0	0
226	FACEC4	PX	.02	.02	0	0
227	FACEC3	PX	.02	.02	0	0
228	FACEC2	PX	.02	.02	0	0
229	FACEC1	PX	.02	.02	0	0
230	FACEA6	PX	.02	.02	0	0
231	FACEA5	PX	.02	.02	0	0
232	FACEA4	PX	.02	.02	0	0
233	FACEA3	PX	.02	.02	0	0
234	FACEA2	PX	.02	.02	0	0
235	FACEA1	PX	.02	.02	0	0
236	FACE12	PX	.02	.02	0	0
237	FACE11	PX	.02	.02	0	0
238	FACE10	PX	.02	.02	0	0
239	FACE9	PX	.02	.02	0	0
240	FACE8	PX	.02	.02	0	0
241	FACE7	PX	.02	.02	0	0
242	FACE6	PX	.02	.02	0	0
243	FACE5	PX	.02	.02	0	0
244	FACE4	PX	.02	.02	0	0
245	FACE3	PX	.02	.02	0	0
246	FACE2	PX	.008	.008	0	0
247	FACE1	PX	.012	.012	0	0
248	DELTA TIEBACK1	PX	.012	.012	0	0
249	ANGLE4	PX	.026	.026	0	0
250	ANGLE3	PX	.026	.026	0	0
251	ANG FACE8	PX	.026	.026	0	0
252	ANG FACE5	PX	.026	.026	0	0
253	ANG FACE4	PX	.026	.026	0	0
254	ANG FACE1	PX	.026	.026	0	0

Member Distributed Loads (BLC 14 : Wind Load (330))

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]	
1	VERTC5	PY	-.012	-.012	0	0
2	VERTC4	PY	-.012	-.012	0	0
3	VERTC3	PY	-.012	-.012	0	0
4	VERTC2	PY	-.012	-.012	0	0
5	VERTC1	PY	-.012	-.012	0	0
6	VERTA5	PY	-.012	-.012	0	0
7	VERTA4	PY	-.012	-.012	0	0
8	VERTA3	PY	-.012	-.012	0	0
9	VERTA2	PY	-.012	-.012	0	0
10	VERTA1	PY	-.012	-.012	0	0



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Member Distributed Loads (BLC 14 : Wind Load (330)) (Continued)

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]	
11	VERT28	PY	-0.12	-0.12	0	0
12	VERT27	PY	-0.12	-0.12	0	0
13	VERT26	PY	-0.12	-0.12	0	0
14	VERT25	PY	-0.12	-0.12	0	0
15	VERT24	PY	-0.12	-0.12	0	0
16	VERT23	PY	-0.12	-0.12	0	0
17	VERT22	PY	-0.12	-0.12	0	0
18	VERT13	PY	-0.12	-0.12	0	0
19	VERT12	PY	-0.12	-0.12	0	0
20	VERT11	PY	-0.12	-0.12	0	0
21	VERT10	PY	-0.12	-0.12	0	0
22	VERT9	PY	-0.12	-0.12	0	0
23	VERT8	PY	-0.12	-0.12	0	0
24	SODIAG1D	PY	-0.12	-0.12	0	0
25	SODIAG1C	PY	-0.12	-0.12	0	0
26	SO2D	PY	-0.12	-0.12	0	0
27	SO2C	PY	-0.12	-0.12	0	0
28	SO1D	PY	-0.12	-0.12	0	0
29	SO1C	PY	-0.12	-0.12	0	0
30	RAIL14	PY	-0.12	-0.12	0	0
31	RAIL13	PY	-0.12	-0.12	0	0
32	RAIL6	PY	-0.12	-0.12	0	0
33	RAIL5	PY	-0.12	-0.12	0	0
34	PL8	PY	-0.17	-0.17	0	0
35	PL7	PY	-0.17	-0.17	0	0
36	PL5	PY	-0.17	-0.17	0	0
37	PL4	PY	-0.17	-0.17	0	0
38	PL1	PY	-0.17	-0.17	0	0
39	PIPE1D	PY	-0.08	-0.08	0	0
40	PIPE1C	PY	-0.08	-0.08	0	0
41	MTIEBACK	PY	-0.04	-0.04	0	0
42	MSTAB6	PY	-0.06	-0.06	0	0
43	MSTAB5	PY	-0.06	-0.06	0	0
44	MSTAB4	PY	-0.06	-0.06	0	0
45	MSTAB3	PY	-0.06	-0.06	0	0
46	MSTAB2	PY	-0.06	-0.06	0	0
47	MSTAB1	PY	-0.06	-0.06	0	0
48	MRAIL3	PY	-0.05	-0.05	0	0
49	MRAIL2	PY	-0.05	-0.05	0	0
50	MRAIL1	PY	-0.05	-0.05	0	0
51	MP GAMMA3	PY	-0.08	-0.08	0	0
52	MP GAMMA2	PY	-0.08	-0.08	0	0
53	MP GAMMA1	PY	-0.08	-0.08	0	0
54	MP BETA3	PY	-0.08	-0.08	0	0
55	MP BETA2	PY	-0.08	-0.08	0	0
56	MP BETA1	PY	-0.08	-0.08	0	0
57	MP ALPHA3	PY	-0.08	-0.08	0	0
58	MP ALPHA2	PY	-0.08	-0.08	0	0
59	MP ALPHA1	PY	-0.08	-0.08	0	0
60	MID RAIL8	PY	-0.12	-0.12	0	0
61	MID RAIL7	PY	-0.12	-0.12	0	0
62	MID RAIL4	PY	-0.12	-0.12	0	0
63	MID RAIL3	PY	-0.12	-0.12	0	0
64	M170	PY	-0.26	-0.26	0	0
65	M169	PY	-0.12	-0.12	0	0
66	KICKER8	PY	-0.12	-0.12	0	0
67	KICKER7	PY	-0.12	-0.12	0	0



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Member Distributed Loads (BLC 14 : Wind Load (330)) (Continued)

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]	
68	KICKER6	PY	-0.12	-0.12	0	0
69	KICKER5	PY	-0.12	-0.12	0	0
70	KICKER4	PY	-0.12	-0.12	0	0
71	KICKER3	PY	-0.12	-0.12	0	0
72	KICKER2	PY	-0.02	-0.02	0	0
73	KICKER1	PY	-0.02	-0.02	0	0
74	INNER8	PY	-0.02	-0.02	0	0
75	INNER7	PY	-0.02	-0.02	0	0
76	INNER6	PY	-0.02	-0.02	0	0
77	INNER5	PY	-0.02	-0.02	0	0
78	INNER4	PY	-0.02	-0.02	0	0
79	INNER3	PY	-0.02	-0.02	0	0
80	INNER2	PY	-0.12	-0.12	0	0
81	INNER1	PY	-0.12	-0.12	0	0
82	HORIZ16	PY	-0.12	-0.12	0	0
83	HORIZ15	PY	-0.12	-0.12	0	0
84	HORIZ14	PY	-0.12	-0.12	0	0
85	HORIZ13	PY	-0.12	-0.12	0	0
86	HORIZ6	PY	-0.006	-0.006	0	0
87	HORIZ5	PY	-0.006	-0.006	0	0
88	H DIAG8	PY	-0.006	-0.006	0	0
89	H DIAG7	PY	-0.006	-0.006	0	0
90	H DIAG6	PY	-0.006	-0.006	0	0
91	H DIAG5	PY	-0.006	-0.006	0	0
92	H DIAG4	PY	-0.006	-0.006	0	0
93	H DIAG3	PY	-0.006	-0.006	0	0
94	H DIAG2	PY	-0.008	-0.008	0	0
95	H DIAG1	PY	-0.02	-0.02	0	0
96	GAMMATIEBACK1	PY	-0.02	-0.02	0	0
97	FACEC6	PY	-0.02	-0.02	0	0
98	FACEC5	PY	-0.02	-0.02	0	0
99	FACEC4	PY	-0.02	-0.02	0	0
100	FACEC3	PY	-0.02	-0.02	0	0
101	FACEC2	PY	-0.02	-0.02	0	0
102	FACEC1	PY	-0.02	-0.02	0	0
103	FACEA6	PY	-0.02	-0.02	0	0
104	FACEA5	PY	-0.02	-0.02	0	0
105	FACEA4	PY	-0.02	-0.02	0	0
106	FACEA3	PY	-0.02	-0.02	0	0
107	FACEA2	PY	-0.02	-0.02	0	0
108	FACEA1	PY	-0.02	-0.02	0	0
109	FACE12	PY	-0.02	-0.02	0	0
110	FACE11	PY	-0.02	-0.02	0	0
111	FACE10	PY	-0.02	-0.02	0	0
112	FACE9	PY	-0.02	-0.02	0	0
113	FACE8	PY	-0.02	-0.02	0	0
114	FACE7	PY	-0.02	-0.02	0	0
115	FACE6	PY	-0.02	-0.02	0	0
116	FACE5	PY	-0.02	-0.02	0	0
117	FACE4	PY	-0.02	-0.02	0	0
118	FACE3	PY	-0.02	-0.02	0	0
119	FACE2	PY	-0.008	-0.008	0	0
120	FACE1	PY	-0.12	-0.12	0	0
121	DELTA TIEBACK1	PY	-0.12	-0.12	0	0
122	ANGLE4	PY	-0.026	-0.026	0	0
123	ANGLE3	PY	-0.026	-0.026	0	0
124	ANG FACE8	PY	-0.026	-0.026	0	0



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Member Distributed Loads (BLC 14 : Wind Load (330)) (Continued)

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]	
125	ANG FACE5	PY	-.026	-.026	0	0
126	ANG FACE4	PY	-.026	-.026	0	0
127	ANG FACE1	PY	-.026	-.026	0	0
128	VERTC5	PX	.007	.007	0	0
129	VERTC4	PX	.007	.007	0	0
130	VERTC3	PX	.007	.007	0	0
131	VERTC2	PX	.007	.007	0	0
132	VERTC1	PX	.007	.007	0	0
133	VERTA5	PX	.007	.007	0	0
134	VERTA4	PX	.007	.007	0	0
135	VERTA3	PX	.007	.007	0	0
136	VERTA2	PX	.007	.007	0	0
137	VERTA1	PX	.007	.007	0	0
138	VERT28	PX	.007	.007	0	0
139	VERT27	PX	.007	.007	0	0
140	VERT26	PX	.007	.007	0	0
141	VERT25	PX	.007	.007	0	0
142	VERT24	PX	.007	.007	0	0
143	VERT23	PX	.007	.007	0	0
144	VERT22	PX	.007	.007	0	0
145	VERT13	PX	.007	.007	0	0
146	VERT12	PX	.007	.007	0	0
147	VERT11	PX	.007	.007	0	0
148	VERT10	PX	.007	.007	0	0
149	VERT9	PX	.007	.007	0	0
150	VERT8	PX	.007	.007	0	0
151	SODIAG1D	PX	.007	.007	0	0
152	SODIAG1C	PX	.007	.007	0	0
153	SO2D	PX	.007	.007	0	0
154	SO2C	PX	.007	.007	0	0
155	SO1D	PX	.007	.007	0	0
156	SO1C	PX	.007	.007	0	0
157	RAIL14	PX	.007	.007	0	0
158	RAIL13	PX	.007	.007	0	0
159	RAIL6	PX	.007	.007	0	0
160	RAIL5	PX	.007	.007	0	0
161	PL8	PX	.01	.01	0	0
162	PL7	PX	.01	.01	0	0
163	PL5	PX	.01	.01	0	0
164	PL4	PX	.01	.01	0	0
165	PL1	PX	.01	.01	0	0
166	PIPE1D	PX	.005	.005	0	0
167	PIPE1C	PX	.005	.005	0	0
168	MTIEBACK	PX	.002	.002	0	0
169	MSTAB6	PX	.003	.003	0	0
170	MSTAB5	PX	.003	.003	0	0
171	MSTAB4	PX	.003	.003	0	0
172	MSTAB3	PX	.003	.003	0	0
173	MSTAB2	PX	.003	.003	0	0
174	MSTAB1	PX	.003	.003	0	0
175	MRAIL3	PX	.003	.003	0	0
176	MRAIL2	PX	.003	.003	0	0
177	MRAIL1	PX	.003	.003	0	0
178	MP GAMMA3	PX	.005	.005	0	0
179	MP GAMMA2	PX	.005	.005	0	0
180	MP GAMMA1	PX	.005	.005	0	0
181	MP BETA3	PX	.005	.005	0	0



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Member Distributed Loads (BLC 14 : Wind Load (330)) (Continued)

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]	
182	MP BETA2	PX	.005	.005	0	0
183	MP BETA1	PX	.005	.005	0	0
184	MP ALPHA3	PX	.005	.005	0	0
185	MP ALPHA2	PX	.005	.005	0	0
186	MP ALPHA1	PX	.005	.005	0	0
187	MID RAIL8	PX	.007	.007	0	0
188	MID RAIL7	PX	.007	.007	0	0
189	MID RAIL4	PX	.007	.007	0	0
190	MID RAIL3	PX	.007	.007	0	0
191	M170	PX	.015	.015	0	0
192	M169	PX	.007	.007	0	0
193	KICKER8	PX	.007	.007	0	0
194	KICKER7	PX	.007	.007	0	0
195	KICKER6	PX	.007	.007	0	0
196	KICKER5	PX	.007	.007	0	0
197	KICKER4	PX	.007	.007	0	0
198	KICKER3	PX	.007	.007	0	0
199	KICKER2	PX	.011	.011	0	0
200	KICKER1	PX	.011	.011	0	0
201	INNER8	PX	.011	.011	0	0
202	INNER7	PX	.011	.011	0	0
203	INNER6	PX	.011	.011	0	0
204	INNER5	PX	.011	.011	0	0
205	INNER4	PX	.011	.011	0	0
206	INNER3	PX	.011	.011	0	0
207	INNER2	PX	.007	.007	0	0
208	INNER1	PX	.007	.007	0	0
209	HORIZ16	PX	.007	.007	0	0
210	HORIZ15	PX	.007	.007	0	0
211	HORIZ14	PX	.007	.007	0	0
212	HORIZ13	PX	.007	.007	0	0
213	HORIZ6	PX	.003	.003	0	0
214	HORIZ5	PX	.003	.003	0	0
215	H DIAG8	PX	.003	.003	0	0
216	H DIAG7	PX	.003	.003	0	0
217	H DIAG6	PX	.003	.003	0	0
218	H DIAG5	PX	.003	.003	0	0
219	H DIAG4	PX	.003	.003	0	0
220	H DIAG3	PX	.003	.003	0	0
221	H DIAG2	PX	.005	.005	0	0
222	H DIAG1	PX	.011	.011	0	0
223	GAMMATIEBACK1	PX	.011	.011	0	0
224	FACEC6	PX	.011	.011	0	0
225	FACEC5	PX	.011	.011	0	0
226	FACEC4	PX	.011	.011	0	0
227	FACEC3	PX	.011	.011	0	0
228	FACEC2	PX	.011	.011	0	0
229	FACEC1	PX	.011	.011	0	0
230	FACEA6	PX	.011	.011	0	0
231	FACEA5	PX	.011	.011	0	0
232	FACEA4	PX	.011	.011	0	0
233	FACEA3	PX	.011	.011	0	0
234	FACEA2	PX	.011	.011	0	0
235	FACEA1	PX	.011	.011	0	0
236	FACE12	PX	.011	.011	0	0
237	FACE11	PX	.011	.011	0	0
238	FACE10	PX	.011	.011	0	0



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Member Distributed Loads (BLC 14 : Wind Load (330)) (Continued)

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]	
239	FACE9	PX	.011	.011	0	0
240	FACE8	PX	.011	.011	0	0
241	FACE7	PX	.011	.011	0	0
242	FACE6	PX	.011	.011	0	0
243	FACE5	PX	.011	.011	0	0
244	FACE4	PX	.011	.011	0	0
245	FACE3	PX	.011	.011	0	0
246	FACE2	PX	.005	.005	0	0
247	FACE1	PX	.007	.007	0	0
248	DELTA TIEBACK1	PX	.007	.007	0	0
249	ANGLE4	PX	.015	.015	0	0
250	ANGLE3	PX	.015	.015	0	0
251	ANG FACE8	PX	.015	.015	0	0
252	ANG FACE5	PX	.015	.015	0	0
253	ANG FACE4	PX	.015	.015	0	0
254	ANG FACE1	PX	.015	.015	0	0

Member Distributed Loads (BLC 15 : Maintenance (0))

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]	
1	VERTC5	PY	-.000942	-.000942	0	0
2	VERTC4	PY	-.000942	-.000942	0	0
3	VERTC3	PY	-.000942	-.000942	0	0
4	VERTC2	PY	-.000942	-.000942	0	0
5	VERTC1	PY	-.000942	-.000942	0	0
6	VERTA5	PY	-.000942	-.000942	0	0
7	VERTA4	PY	-.000942	-.000942	0	0
8	VERTA3	PY	-.000942	-.000942	0	0
9	VERTA2	PY	-.000942	-.000942	0	0
10	VERTA1	PY	-.000942	-.000942	0	0
11	VERT28	PY	-.000942	-.000942	0	0
12	VERT27	PY	-.000942	-.000942	0	0
13	VERT26	PY	-.000942	-.000942	0	0
14	VERT25	PY	-.000942	-.000942	0	0
15	VERT24	PY	-.000942	-.000942	0	0
16	VERT23	PY	-.000942	-.000942	0	0
17	VERT22	PY	-.000942	-.000942	0	0
18	VERT13	PY	-.000942	-.000942	0	0
19	VERT12	PY	-.000942	-.000942	0	0
20	VERT11	PY	-.000942	-.000942	0	0
21	VERT10	PY	-.000942	-.000942	0	0
22	VERT9	PY	-.000942	-.000942	0	0
23	VERT8	PY	-.000942	-.000942	0	0
24	SODIAG1D	PY	-.000942	-.000942	0	0
25	SODIAG1C	PY	-.000942	-.000942	0	0
26	SO2D	PY	-.000942	-.000942	0	0
27	SO2C	PY	-.000942	-.000942	0	0
28	SO1D	PY	-.000942	-.000942	0	0
29	SO1C	PY	-.000942	-.000942	0	0
30	RAIL14	PY	-.000942	-.000942	0	0
31	RAIL13	PY	-.000942	-.000942	0	0
32	RAIL6	PY	-.000942	-.000942	0	0
33	RAIL5	PY	-.000942	-.000942	0	0
34	PL8	PY	-.001	-.001	0	0
35	PL7	PY	-.001	-.001	0	0
36	PL5	PY	-.001	-.001	0	0
37	PL4	PY	-.001	-.001	0	0



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Member Distributed Loads (BLC 15 : Maintenance (0)) (Continued)

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]	
38	PL1	PY	-0.001	-0.001	0	0
39	PIPE1D	PY	-0.00065	-0.00065	0	0
40	PIPE1C	PY	-0.00065	-0.00065	0	0
41	MTIEBACK	PY	-0.000325	-0.000325	0	0
42	MSTAB6	PY	-0.000471	-0.000471	0	0
43	MSTAB5	PY	-0.000471	-0.000471	0	0
44	MSTAB4	PY	-0.000471	-0.000471	0	0
45	MSTAB3	PY	-0.000471	-0.000471	0	0
46	MSTAB2	PY	-0.000471	-0.000471	0	0
47	MSTAB1	PY	-0.000471	-0.000471	0	0
48	MRAIL3	PY	-0.000396	-0.000396	0	0
49	MRAIL2	PY	-0.000396	-0.000396	0	0
50	MRAIL1	PY	-0.000396	-0.000396	0	0
51	MP GAMMA3	PY	-0.000654	-0.000654	0	0
52	MP GAMMA2	PY	-0.000654	-0.000654	0	0
53	MP GAMMA1	PY	-0.000654	-0.000654	0	0
54	MP BETA3	PY	-0.000654	-0.000654	0	0
55	MP BETA2	PY	-0.000654	-0.000654	0	0
56	MP BETA1	PY	-0.000654	-0.000654	0	0
57	MP ALPHA3	PY	-0.000654	-0.000654	0	0
58	MP ALPHA2	PY	-0.000654	-0.000654	0	0
59	MP ALPHA1	PY	-0.000654	-0.000654	0	0
60	MID RAIL8	PY	-0.000942	-0.000942	0	0
61	MID RAIL7	PY	-0.000942	-0.000942	0	0
62	MID RAIL4	PY	-0.000942	-0.000942	0	0
63	MID RAIL3	PY	-0.000942	-0.000942	0	0
64	M170	PY	-0.002	-0.002	0	0
65	M169	PY	-0.000942	-0.000942	0	0
66	KICKER8	PY	-0.000942	-0.000942	0	0
67	KICKER7	PY	-0.000942	-0.000942	0	0
68	KICKER6	PY	-0.000942	-0.000942	0	0
69	KICKER5	PY	-0.000942	-0.000942	0	0
70	KICKER4	PY	-0.000942	-0.000942	0	0
71	KICKER3	PY	-0.000942	-0.000942	0	0
72	KICKER2	PY	-0.002	-0.002	0	0
73	KICKER1	PY	-0.002	-0.002	0	0
74	INNER8	PY	-0.002	-0.002	0	0
75	INNER7	PY	-0.002	-0.002	0	0
76	INNER6	PY	-0.002	-0.002	0	0
77	INNER5	PY	-0.002	-0.002	0	0
78	INNER4	PY	-0.002	-0.002	0	0
79	INNER3	PY	-0.002	-0.002	0	0
80	INNER2	PY	-0.000942	-0.000942	0	0
81	INNER1	PY	-0.000942	-0.000942	0	0
82	HORIZ16	PY	-0.000942	-0.000942	0	0
83	HORIZ15	PY	-0.000942	-0.000942	0	0
84	HORIZ14	PY	-0.000942	-0.000942	0	0
85	HORIZ13	PY	-0.000942	-0.000942	0	0
86	HORIZ6	PY	-0.000471	-0.000471	0	0
87	HORIZ5	PY	-0.000471	-0.000471	0	0
88	H DIAG8	PY	-0.000471	-0.000471	0	0
89	H DIAG7	PY	-0.000471	-0.000471	0	0
90	H DIAG6	PY	-0.000471	-0.000471	0	0
91	H DIAG5	PY	-0.000471	-0.000471	0	0
92	H DIAG4	PY	-0.000471	-0.000471	0	0
93	H DIAG3	PY	-0.000471	-0.000471	0	0
94	H DIAG2	PY	-0.00065	-0.00065	0	0



Member Distributed Loads (BLC 15 : Maintenance (0)) (Continued)

	Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]
95	H DIAG1	PY	-0.002	-0.002	0	0
96	GAMMATIEBACK1	PY	-0.002	-0.002	0	0
97	FACEC6	PY	-0.002	-0.002	0	0
98	FACEC5	PY	-0.002	-0.002	0	0
99	FACEC4	PY	-0.002	-0.002	0	0
100	FACEC3	PY	-0.002	-0.002	0	0
101	FACEC2	PY	-0.002	-0.002	0	0
102	FACEC1	PY	-0.002	-0.002	0	0
103	FACEA6	PY	-0.002	-0.002	0	0
104	FACEA5	PY	-0.002	-0.002	0	0
105	FACEA4	PY	-0.002	-0.002	0	0
106	FACEA3	PY	-0.002	-0.002	0	0
107	FACEA2	PY	-0.002	-0.002	0	0
108	FACEA1	PY	-0.002	-0.002	0	0
109	FACE12	PY	-0.002	-0.002	0	0
110	FACE11	PY	-0.002	-0.002	0	0
111	FACE10	PY	-0.002	-0.002	0	0
112	FACE9	PY	-0.002	-0.002	0	0
113	FACE8	PY	-0.002	-0.002	0	0
114	FACE7	PY	-0.002	-0.002	0	0
115	FACE6	PY	-0.002	-0.002	0	0
116	FACE5	PY	-0.002	-0.002	0	0
117	FACE4	PY	-0.002	-0.002	0	0
118	FACE3	PY	-0.002	-0.002	0	0
119	FACE2	PY	-0.00065	-0.00065	0	0
120	FACE1	PY	-0.000942	-0.000942	0	0
121	DELTA TIEBACK1	PY	-0.000942	-0.000942	0	0
122	ANGLE4	PY	-0.002	-0.002	0	0
123	ANGLE3	PY	-0.002	-0.002	0	0
124	ANG FACE8	PY	-0.002	-0.002	0	0
125	ANG FACE5	PY	-0.002	-0.002	0	0
126	ANG FACE4	PY	-0.002	-0.002	0	0
127	ANG FACE1	PY	-0.002	-0.002	0	0

Member Distributed Loads (BLC 16 : Maintenance (30))

	Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]
1	VERTC5	PY	-0.00816	-0.00816	0	0
2	VERTC4	PY	-0.00816	-0.00816	0	0
3	VERTC3	PY	-0.00816	-0.00816	0	0
4	VERTC2	PY	-0.00816	-0.00816	0	0
5	VERTC1	PY	-0.00816	-0.00816	0	0
6	VERTA5	PY	-0.00816	-0.00816	0	0
7	VERTA4	PY	-0.00816	-0.00816	0	0
8	VERTA3	PY	-0.00816	-0.00816	0	0
9	VERTA2	PY	-0.00816	-0.00816	0	0
10	VERTA1	PY	-0.00816	-0.00816	0	0
11	VERT28	PY	-0.00816	-0.00816	0	0
12	VERT27	PY	-0.00816	-0.00816	0	0
13	VERT26	PY	-0.00816	-0.00816	0	0
14	VERT25	PY	-0.00816	-0.00816	0	0
15	VERT24	PY	-0.00816	-0.00816	0	0
16	VERT23	PY	-0.00816	-0.00816	0	0
17	VERT22	PY	-0.00816	-0.00816	0	0
18	VERT13	PY	-0.00816	-0.00816	0	0
19	VERT12	PY	-0.00816	-0.00816	0	0
20	VERT11	PY	-0.00816	-0.00816	0	0



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Member Distributed Loads (BLC 16 : Maintenance (30)) (Continued)

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]	
21	VERT10	PY	-0.00816	-0.00816	0	0
22	VERT9	PY	-0.00816	-0.00816	0	0
23	VERT8	PY	-0.00816	-0.00816	0	0
24	SODIAG1D	PY	-0.00816	-0.00816	0	0
25	SODIAG1C	PY	-0.00816	-0.00816	0	0
26	SO2D	PY	-0.00816	-0.00816	0	0
27	SO2C	PY	-0.00816	-0.00816	0	0
28	SO1D	PY	-0.00816	-0.00816	0	0
29	SO1C	PY	-0.00816	-0.00816	0	0
30	RAIL14	PY	-0.00816	-0.00816	0	0
31	RAIL13	PY	-0.00816	-0.00816	0	0
32	RAIL6	PY	-0.00816	-0.00816	0	0
33	RAIL5	PY	-0.00816	-0.00816	0	0
34	PL8	PY	-0.001	-0.001	0	0
35	PL7	PY	-0.001	-0.001	0	0
36	PL5	PY	-0.001	-0.001	0	0
37	PL4	PY	-0.001	-0.001	0	0
38	PL1	PY	-0.001	-0.001	0	0
39	PIPE1D	PY	-0.00563	-0.00563	0	0
40	PIPE1C	PY	-0.00563	-0.00563	0	0
41	MTIEBACK	PY	-0.00281	-0.00281	0	0
42	MSTAB6	PY	-0.00408	-0.00408	0	0
43	MSTAB5	PY	-0.00408	-0.00408	0	0
44	MSTAB4	PY	-0.00408	-0.00408	0	0
45	MSTAB3	PY	-0.00408	-0.00408	0	0
46	MSTAB2	PY	-0.00408	-0.00408	0	0
47	MSTAB1	PY	-0.00408	-0.00408	0	0
48	MRAIL3	PY	-0.00343	-0.00343	0	0
49	MRAIL2	PY	-0.00343	-0.00343	0	0
50	MRAIL1	PY	-0.00343	-0.00343	0	0
51	MP GAMMA3	PY	-0.00566	-0.00566	0	0
52	MP GAMMA2	PY	-0.00566	-0.00566	0	0
53	MP GAMMA1	PY	-0.00566	-0.00566	0	0
54	MP BETA3	PY	-0.00566	-0.00566	0	0
55	MP BETA2	PY	-0.00566	-0.00566	0	0
56	MP BETA1	PY	-0.00566	-0.00566	0	0
57	MP ALPHA3	PY	-0.00566	-0.00566	0	0
58	MP ALPHA2	PY	-0.00566	-0.00566	0	0
59	MP ALPHA1	PY	-0.00566	-0.00566	0	0
60	MID RAIL8	PY	-0.00816	-0.00816	0	0
61	MID RAIL7	PY	-0.00816	-0.00816	0	0
62	MID RAIL4	PY	-0.00816	-0.00816	0	0
63	MID RAIL3	PY	-0.00816	-0.00816	0	0
64	M170	PY	-0.002	-0.002	0	0
65	M169	PY	-0.00816	-0.00816	0	0
66	KICKER8	PY	-0.00816	-0.00816	0	0
67	KICKER7	PY	-0.00816	-0.00816	0	0
68	KICKER6	PY	-0.00816	-0.00816	0	0
69	KICKER5	PY	-0.00816	-0.00816	0	0
70	KICKER4	PY	-0.00816	-0.00816	0	0
71	KICKER3	PY	-0.00816	-0.00816	0	0
72	KICKER2	PY	-0.001	-0.001	0	0
73	KICKER1	PY	-0.001	-0.001	0	0
74	INNER8	PY	-0.001	-0.001	0	0
75	INNER7	PY	-0.001	-0.001	0	0
76	INNER6	PY	-0.001	-0.001	0	0
77	INNER5	PY	-0.001	-0.001	0	0



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Member Distributed Loads (BLC 16 : Maintenance (30)) (Continued)

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]	
78	INNER4	PY	-0.001	-0.001	0	0
79	INNER3	PY	-0.001	-0.001	0	0
80	INNER2	PY	-0.00816	-0.00816	0	0
81	INNER1	PY	-0.00816	-0.00816	0	0
82	HORIZ16	PY	-0.00816	-0.00816	0	0
83	HORIZ15	PY	-0.00816	-0.00816	0	0
84	HORIZ14	PY	-0.00816	-0.00816	0	0
85	HORIZ13	PY	-0.00816	-0.00816	0	0
86	HORIZ6	PY	-0.00408	-0.00408	0	0
87	HORIZ5	PY	-0.00408	-0.00408	0	0
88	H DIAG8	PY	-0.00408	-0.00408	0	0
89	H DIAG7	PY	-0.00408	-0.00408	0	0
90	H DIAG6	PY	-0.00408	-0.00408	0	0
91	H DIAG5	PY	-0.00408	-0.00408	0	0
92	H DIAG4	PY	-0.00408	-0.00408	0	0
93	H DIAG3	PY	-0.00408	-0.00408	0	0
94	H DIAG2	PY	-0.00563	-0.00563	0	0
95	H DIAG1	PY	-0.001	-0.001	0	0
96	GAMMATIEBACK1	PY	-0.001	-0.001	0	0
97	FACEC6	PY	-0.001	-0.001	0	0
98	FACEC5	PY	-0.001	-0.001	0	0
99	FACEC4	PY	-0.001	-0.001	0	0
100	FACEC3	PY	-0.001	-0.001	0	0
101	FACEC2	PY	-0.001	-0.001	0	0
102	FACEC1	PY	-0.001	-0.001	0	0
103	FACEA6	PY	-0.001	-0.001	0	0
104	FACEA5	PY	-0.001	-0.001	0	0
105	FACEA4	PY	-0.001	-0.001	0	0
106	FACEA3	PY	-0.001	-0.001	0	0
107	FACEA2	PY	-0.001	-0.001	0	0
108	FACEA1	PY	-0.001	-0.001	0	0
109	FACE12	PY	-0.001	-0.001	0	0
110	FACE11	PY	-0.001	-0.001	0	0
111	FACE10	PY	-0.001	-0.001	0	0
112	FACE9	PY	-0.001	-0.001	0	0
113	FACE8	PY	-0.001	-0.001	0	0
114	FACE7	PY	-0.001	-0.001	0	0
115	FACE6	PY	-0.001	-0.001	0	0
116	FACE5	PY	-0.001	-0.001	0	0
117	FACE4	PY	-0.001	-0.001	0	0
118	FACE3	PY	-0.001	-0.001	0	0
119	FACE2	PY	-0.00563	-0.00563	0	0
120	FACE1	PY	-0.00816	-0.00816	0	0
121	DELTA TIEBACK1	PY	-0.00816	-0.00816	0	0
122	ANGLE4	PY	-0.002	-0.002	0	0
123	ANGLE3	PY	-0.002	-0.002	0	0
124	ANG FACE8	PY	-0.002	-0.002	0	0
125	ANG FACE5	PY	-0.002	-0.002	0	0
126	ANG FACE4	PY	-0.002	-0.002	0	0
127	ANG FACE1	PY	-0.002	-0.002	0	0
128	VERTC5	PX	-0.00471	-0.00471	0	0
129	VERTC4	PX	-0.00471	-0.00471	0	0
130	VERTC3	PX	-0.00471	-0.00471	0	0
131	VERTC2	PX	-0.00471	-0.00471	0	0
132	VERTC1	PX	-0.00471	-0.00471	0	0
133	VERTA5	PX	-0.00471	-0.00471	0	0
134	VERTA4	PX	-0.00471	-0.00471	0	0



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Member Distributed Loads (BLC 16 : Maintenance (30)) (Continued)

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]	
135	VERTA3	PX	-.000471	-.000471	0	0
136	VERTA2	PX	-.000471	-.000471	0	0
137	VERTA1	PX	-.000471	-.000471	0	0
138	VERT28	PX	-.000471	-.000471	0	0
139	VERT27	PX	-.000471	-.000471	0	0
140	VERT26	PX	-.000471	-.000471	0	0
141	VERT25	PX	-.000471	-.000471	0	0
142	VERT24	PX	-.000471	-.000471	0	0
143	VERT23	PX	-.000471	-.000471	0	0
144	VERT22	PX	-.000471	-.000471	0	0
145	VERT13	PX	-.000471	-.000471	0	0
146	VERT12	PX	-.000471	-.000471	0	0
147	VERT11	PX	-.000471	-.000471	0	0
148	VERT10	PX	-.000471	-.000471	0	0
149	VERT9	PX	-.000471	-.000471	0	0
150	VERT8	PX	-.000471	-.000471	0	0
151	SODIAG1D	PX	-.000471	-.000471	0	0
152	SODIAG1C	PX	-.000471	-.000471	0	0
153	SO2D	PX	-.000471	-.000471	0	0
154	SO2C	PX	-.000471	-.000471	0	0
155	SO1D	PX	-.000471	-.000471	0	0
156	SO1C	PX	-.000471	-.000471	0	0
157	RAIL14	PX	-.000471	-.000471	0	0
158	RAIL13	PX	-.000471	-.000471	0	0
159	RAIL6	PX	-.000471	-.000471	0	0
160	RAIL5	PX	-.000471	-.000471	0	0
161	PL8	PX	-.000659	-.000659	0	0
162	PL7	PX	-.000659	-.000659	0	0
163	PL5	PX	-.000659	-.000659	0	0
164	PL4	PX	-.000659	-.000659	0	0
165	PL1	PX	-.000659	-.000659	0	0
166	PIPE1D	PX	-.000325	-.000325	0	0
167	PIPE1C	PX	-.000325	-.000325	0	0
168	MTIEBACK	PX	-.000162	-.000162	0	0
169	MSTAB6	PX	-.000235	-.000235	0	0
170	MSTAB5	PX	-.000235	-.000235	0	0
171	MSTAB4	PX	-.000235	-.000235	0	0
172	MSTAB3	PX	-.000235	-.000235	0	0
173	MSTAB2	PX	-.000235	-.000235	0	0
174	MSTAB1	PX	-.000235	-.000235	0	0
175	MRAIL3	PX	-.000198	-.000198	0	0
176	MRAIL2	PX	-.000198	-.000198	0	0
177	MRAIL1	PX	-.000198	-.000198	0	0
178	MP GAMMA3	PX	-.000327	-.000327	0	0
179	MP GAMMA2	PX	-.000327	-.000327	0	0
180	MP GAMMA1	PX	-.000327	-.000327	0	0
181	MP BETA3	PX	-.000327	-.000327	0	0
182	MP BETA2	PX	-.000327	-.000327	0	0
183	MP BETA1	PX	-.000327	-.000327	0	0
184	MP ALPHA3	PX	-.000327	-.000327	0	0
185	MP ALPHA2	PX	-.000327	-.000327	0	0
186	MP ALPHA1	PX	-.000327	-.000327	0	0
187	MID RAIL8	PX	-.000471	-.000471	0	0
188	MID RAIL7	PX	-.000471	-.000471	0	0
189	MID RAIL4	PX	-.000471	-.000471	0	0
190	MID RAIL3	PX	-.000471	-.000471	0	0
191	M170	PX	-.001	-.001	0	0



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Member Distributed Loads (BLC 16 : Maintenance (30)) (Continued)

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]	
192	M169	PX	-.000471	-.000471	0	0
193	KICKER8	PX	-.000471	-.000471	0	0
194	KICKER7	PX	-.000471	-.000471	0	0
195	KICKER6	PX	-.000471	-.000471	0	0
196	KICKER5	PX	-.000471	-.000471	0	0
197	KICKER4	PX	-.000471	-.000471	0	0
198	KICKER3	PX	-.000471	-.000471	0	0
199	KICKER2	PX	-.00078	-.00078	0	0
200	KICKER1	PX	-.00078	-.00078	0	0
201	INNER8	PX	-.00078	-.00078	0	0
202	INNER7	PX	-.00078	-.00078	0	0
203	INNER6	PX	-.00078	-.00078	0	0
204	INNER5	PX	-.00078	-.00078	0	0
205	INNER4	PX	-.00078	-.00078	0	0
206	INNER3	PX	-.00078	-.00078	0	0
207	INNER2	PX	-.000471	-.000471	0	0
208	INNER1	PX	-.000471	-.000471	0	0
209	HORIZ16	PX	-.000471	-.000471	0	0
210	HORIZ15	PX	-.000471	-.000471	0	0
211	HORIZ14	PX	-.000471	-.000471	0	0
212	HORIZ13	PX	-.000471	-.000471	0	0
213	HORIZ6	PX	-.000235	-.000235	0	0
214	HORIZ5	PX	-.000235	-.000235	0	0
215	H DIAG8	PX	-.000235	-.000235	0	0
216	H DIAG7	PX	-.000235	-.000235	0	0
217	H DIAG6	PX	-.000235	-.000235	0	0
218	H DIAG5	PX	-.000235	-.000235	0	0
219	H DIAG4	PX	-.000235	-.000235	0	0
220	H DIAG3	PX	-.000235	-.000235	0	0
221	H DIAG2	PX	-.000325	-.000325	0	0
222	H DIAG1	PX	-.00078	-.00078	0	0
223	GAMMATIEBACK1	PX	-.00078	-.00078	0	0
224	FACEC6	PX	-.00078	-.00078	0	0
225	FACEC5	PX	-.00078	-.00078	0	0
226	FACEC4	PX	-.00078	-.00078	0	0
227	FACEC3	PX	-.00078	-.00078	0	0
228	FACEC2	PX	-.00078	-.00078	0	0
229	FACEC1	PX	-.00078	-.00078	0	0
230	FACEA6	PX	-.00078	-.00078	0	0
231	FACEA5	PX	-.00078	-.00078	0	0
232	FACEA4	PX	-.00078	-.00078	0	0
233	FACEA3	PX	-.00078	-.00078	0	0
234	FACEA2	PX	-.00078	-.00078	0	0
235	FACEA1	PX	-.00078	-.00078	0	0
236	FACE12	PX	-.00078	-.00078	0	0
237	FACE11	PX	-.00078	-.00078	0	0
238	FACE10	PX	-.00078	-.00078	0	0
239	FACE9	PX	-.00078	-.00078	0	0
240	FACE8	PX	-.00078	-.00078	0	0
241	FACE7	PX	-.00078	-.00078	0	0
242	FACE6	PX	-.00078	-.00078	0	0
243	FACE5	PX	-.00078	-.00078	0	0
244	FACE4	PX	-.00078	-.00078	0	0
245	FACE3	PX	-.00078	-.00078	0	0
246	FACE2	PX	-.000325	-.000325	0	0
247	FACE1	PX	-.000471	-.000471	0	0
248	DELTA TIEBACK1	PX	-.000471	-.000471	0	0



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Member Distributed Loads (BLC 16 : Maintenance (30)) (Continued)

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]	
249	ANGLE4	PX	-0.001	-0.001	0	0
250	ANGLE3	PX	-0.001	-0.001	0	0
251	ANG FACE8	PX	-0.001	-0.001	0	0
252	ANG FACE5	PX	-0.001	-0.001	0	0
253	ANG FACE4	PX	-0.001	-0.001	0	0
254	ANG FACE1	PX	-0.001	-0.001	0	0

Member Distributed Loads (BLC 17 : Maintenance (60))

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]	
1	VERTC5	PY	-0.00471	-0.00471	0	0
2	VERTC4	PY	-0.00471	-0.00471	0	0
3	VERTC3	PY	-0.00471	-0.00471	0	0
4	VERTC2	PY	-0.00471	-0.00471	0	0
5	VERTC1	PY	-0.00471	-0.00471	0	0
6	VERTA5	PY	-0.00471	-0.00471	0	0
7	VERTA4	PY	-0.00471	-0.00471	0	0
8	VERTA3	PY	-0.00471	-0.00471	0	0
9	VERTA2	PY	-0.00471	-0.00471	0	0
10	VERTA1	PY	-0.00471	-0.00471	0	0
11	VERT28	PY	-0.00471	-0.00471	0	0
12	VERT27	PY	-0.00471	-0.00471	0	0
13	VERT26	PY	-0.00471	-0.00471	0	0
14	VERT25	PY	-0.00471	-0.00471	0	0
15	VERT24	PY	-0.00471	-0.00471	0	0
16	VERT23	PY	-0.00471	-0.00471	0	0
17	VERT22	PY	-0.00471	-0.00471	0	0
18	VERT13	PY	-0.00471	-0.00471	0	0
19	VERT12	PY	-0.00471	-0.00471	0	0
20	VERT11	PY	-0.00471	-0.00471	0	0
21	VERT10	PY	-0.00471	-0.00471	0	0
22	VERT9	PY	-0.00471	-0.00471	0	0
23	VERT8	PY	-0.00471	-0.00471	0	0
24	SODIAG1D	PY	-0.00471	-0.00471	0	0
25	SODIAG1C	PY	-0.00471	-0.00471	0	0
26	SO2D	PY	-0.00471	-0.00471	0	0
27	SO2C	PY	-0.00471	-0.00471	0	0
28	SO1D	PY	-0.00471	-0.00471	0	0
29	SO1C	PY	-0.00471	-0.00471	0	0
30	RAIL14	PY	-0.00471	-0.00471	0	0
31	RAIL13	PY	-0.00471	-0.00471	0	0
32	RAIL6	PY	-0.00471	-0.00471	0	0
33	RAIL5	PY	-0.00471	-0.00471	0	0
34	PL8	PY	-0.00659	-0.00659	0	0
35	PL7	PY	-0.00659	-0.00659	0	0
36	PL5	PY	-0.00659	-0.00659	0	0
37	PL4	PY	-0.00659	-0.00659	0	0
38	PL1	PY	-0.00659	-0.00659	0	0
39	PIPE1D	PY	-0.00325	-0.00325	0	0
40	PIPE1C	PY	-0.00325	-0.00325	0	0
41	MTIEBACK	PY	-0.00162	-0.00162	0	0
42	MSTAB6	PY	-0.00235	-0.00235	0	0
43	MSTAB5	PY	-0.00235	-0.00235	0	0
44	MSTAB4	PY	-0.00235	-0.00235	0	0
45	MSTAB3	PY	-0.00235	-0.00235	0	0
46	MSTAB2	PY	-0.00235	-0.00235	0	0
47	MSTAB1	PY	-0.00235	-0.00235	0	0



Company : Power of Design
 Designer : CC
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Member Distributed Loads (BLC 17 : Maintenance (60)) (Continued)

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]	
48	MRAIL3	PY	-0.00198	-0.00198	0	0
49	MRAIL2	PY	-0.00198	-0.00198	0	0
50	MRAIL1	PY	-0.00198	-0.00198	0	0
51	MP GAMMA3	PY	-0.00327	-0.00327	0	0
52	MP GAMMA2	PY	-0.00327	-0.00327	0	0
53	MP GAMMA1	PY	-0.00327	-0.00327	0	0
54	MP BETA3	PY	-0.00327	-0.00327	0	0
55	MP BETA2	PY	-0.00327	-0.00327	0	0
56	MP BETA1	PY	-0.00327	-0.00327	0	0
57	MP ALPHA3	PY	-0.00327	-0.00327	0	0
58	MP ALPHA2	PY	-0.00327	-0.00327	0	0
59	MP ALPHA1	PY	-0.00327	-0.00327	0	0
60	MID RAIL8	PY	-0.00471	-0.00471	0	0
61	MID RAIL7	PY	-0.00471	-0.00471	0	0
62	MID RAIL4	PY	-0.00471	-0.00471	0	0
63	MID RAIL3	PY	-0.00471	-0.00471	0	0
64	M170	PY	-0.001	-0.001	0	0
65	M169	PY	-0.00471	-0.00471	0	0
66	KICKER8	PY	-0.00471	-0.00471	0	0
67	KICKER7	PY	-0.00471	-0.00471	0	0
68	KICKER6	PY	-0.00471	-0.00471	0	0
69	KICKER5	PY	-0.00471	-0.00471	0	0
70	KICKER4	PY	-0.00471	-0.00471	0	0
71	KICKER3	PY	-0.00471	-0.00471	0	0
72	KICKER2	PY	-0.00078	-0.00078	0	0
73	KICKER1	PY	-0.00078	-0.00078	0	0
74	INNER8	PY	-0.00078	-0.00078	0	0
75	INNER7	PY	-0.00078	-0.00078	0	0
76	INNER6	PY	-0.00078	-0.00078	0	0
77	INNER5	PY	-0.00078	-0.00078	0	0
78	INNER4	PY	-0.00078	-0.00078	0	0
79	INNER3	PY	-0.00078	-0.00078	0	0
80	INNER2	PY	-0.00471	-0.00471	0	0
81	INNER1	PY	-0.00471	-0.00471	0	0
82	HORIZ16	PY	-0.00471	-0.00471	0	0
83	HORIZ15	PY	-0.00471	-0.00471	0	0
84	HORIZ14	PY	-0.00471	-0.00471	0	0
85	HORIZ13	PY	-0.00471	-0.00471	0	0
86	HORIZ6	PY	-0.00235	-0.00235	0	0
87	HORIZ5	PY	-0.00235	-0.00235	0	0
88	H DIAG8	PY	-0.00235	-0.00235	0	0
89	H DIAG7	PY	-0.00235	-0.00235	0	0
90	H DIAG6	PY	-0.00235	-0.00235	0	0
91	H DIAG5	PY	-0.00235	-0.00235	0	0
92	H DIAG4	PY	-0.00235	-0.00235	0	0
93	H DIAG3	PY	-0.00235	-0.00235	0	0
94	H DIAG2	PY	-0.00325	-0.00325	0	0
95	H DIAG1	PY	-0.00078	-0.00078	0	0
96	GAMMATIEBACK1	PY	-0.00078	-0.00078	0	0
97	FACEC6	PY	-0.00078	-0.00078	0	0
98	FACEC5	PY	-0.00078	-0.00078	0	0
99	FACEC4	PY	-0.00078	-0.00078	0	0
100	FACEC3	PY	-0.00078	-0.00078	0	0
101	FACEC2	PY	-0.00078	-0.00078	0	0
102	FACEC1	PY	-0.00078	-0.00078	0	0
103	FACEA6	PY	-0.00078	-0.00078	0	0
104	FACEA5	PY	-0.00078	-0.00078	0	0



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Member Distributed Loads (BLC 17 : Maintenance (60)) (Continued)

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]	
105	FACEA4	PY	-0.00078	-0.00078	0	0
106	FACEA3	PY	-0.00078	-0.00078	0	0
107	FACEA2	PY	-0.00078	-0.00078	0	0
108	FACEA1	PY	-0.00078	-0.00078	0	0
109	FACE12	PY	-0.00078	-0.00078	0	0
110	FACE11	PY	-0.00078	-0.00078	0	0
111	FACE10	PY	-0.00078	-0.00078	0	0
112	FACE9	PY	-0.00078	-0.00078	0	0
113	FACE8	PY	-0.00078	-0.00078	0	0
114	FACE7	PY	-0.00078	-0.00078	0	0
115	FACE6	PY	-0.00078	-0.00078	0	0
116	FACE5	PY	-0.00078	-0.00078	0	0
117	FACE4	PY	-0.00078	-0.00078	0	0
118	FACE3	PY	-0.00078	-0.00078	0	0
119	FACE2	PY	-0.00325	-0.00325	0	0
120	FACE1	PY	-0.00471	-0.00471	0	0
121	DELTA TIEBACK1	PY	-0.00471	-0.00471	0	0
122	ANGLE4	PY	-0.001	-0.001	0	0
123	ANGLE3	PY	-0.001	-0.001	0	0
124	ANG FACE8	PY	-0.001	-0.001	0	0
125	ANG FACE5	PY	-0.001	-0.001	0	0
126	ANG FACE4	PY	-0.001	-0.001	0	0
127	ANG FACE1	PY	-0.001	-0.001	0	0
128	VERTC5	PX	-0.00816	-0.00816	0	0
129	VERTC4	PX	-0.00816	-0.00816	0	0
130	VERTC3	PX	-0.00816	-0.00816	0	0
131	VERTC2	PX	-0.00816	-0.00816	0	0
132	VERTC1	PX	-0.00816	-0.00816	0	0
133	VERTA5	PX	-0.00816	-0.00816	0	0
134	VERTA4	PX	-0.00816	-0.00816	0	0
135	VERTA3	PX	-0.00816	-0.00816	0	0
136	VERTA2	PX	-0.00816	-0.00816	0	0
137	VERTA1	PX	-0.00816	-0.00816	0	0
138	VERT28	PX	-0.00816	-0.00816	0	0
139	VERT27	PX	-0.00816	-0.00816	0	0
140	VERT26	PX	-0.00816	-0.00816	0	0
141	VERT25	PX	-0.00816	-0.00816	0	0
142	VERT24	PX	-0.00816	-0.00816	0	0
143	VERT23	PX	-0.00816	-0.00816	0	0
144	VERT22	PX	-0.00816	-0.00816	0	0
145	VERT13	PX	-0.00816	-0.00816	0	0
146	VERT12	PX	-0.00816	-0.00816	0	0
147	VERT11	PX	-0.00816	-0.00816	0	0
148	VERT10	PX	-0.00816	-0.00816	0	0
149	VERT9	PX	-0.00816	-0.00816	0	0
150	VERT8	PX	-0.00816	-0.00816	0	0
151	SODIAG1D	PX	-0.00816	-0.00816	0	0
152	SODIAG1C	PX	-0.00816	-0.00816	0	0
153	SO2D	PX	-0.00816	-0.00816	0	0
154	SO2C	PX	-0.00816	-0.00816	0	0
155	SO1D	PX	-0.00816	-0.00816	0	0
156	SO1C	PX	-0.00816	-0.00816	0	0
157	RAIL14	PX	-0.00816	-0.00816	0	0
158	RAIL13	PX	-0.00816	-0.00816	0	0
159	RAIL6	PX	-0.00816	-0.00816	0	0
160	RAIL5	PX	-0.00816	-0.00816	0	0
161	PL8	PX	-0.001	-0.001	0	0



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Member Distributed Loads (BLC 17 : Maintenance (60)) (Continued)

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]	
162	PL7	PX	-0.001	-0.001	0	0
163	PL5	PX	-0.001	-0.001	0	0
164	PL4	PX	-0.001	-0.001	0	0
165	PL1	PX	-0.001	-0.001	0	0
166	PIPE1D	PX	-0.000563	-0.000563	0	0
167	PIPE1C	PX	-0.000563	-0.000563	0	0
168	MTIEBACK	PX	-0.000281	-0.000281	0	0
169	MSTAB6	PX	-0.000408	-0.000408	0	0
170	MSTAB5	PX	-0.000408	-0.000408	0	0
171	MSTAB4	PX	-0.000408	-0.000408	0	0
172	MSTAB3	PX	-0.000408	-0.000408	0	0
173	MSTAB2	PX	-0.000408	-0.000408	0	0
174	MSTAB1	PX	-0.000408	-0.000408	0	0
175	MRAIL3	PX	-0.000343	-0.000343	0	0
176	MRAIL2	PX	-0.000343	-0.000343	0	0
177	MRAIL1	PX	-0.000343	-0.000343	0	0
178	MP GAMMA3	PX	-0.000566	-0.000566	0	0
179	MP GAMMA2	PX	-0.000566	-0.000566	0	0
180	MP GAMMA1	PX	-0.000566	-0.000566	0	0
181	MP BETA3	PX	-0.000566	-0.000566	0	0
182	MP BETA2	PX	-0.000566	-0.000566	0	0
183	MP BETA1	PX	-0.000566	-0.000566	0	0
184	MP ALPHA3	PX	-0.000566	-0.000566	0	0
185	MP ALPHA2	PX	-0.000566	-0.000566	0	0
186	MP ALPHA1	PX	-0.000566	-0.000566	0	0
187	MID RAIL8	PX	-0.000816	-0.000816	0	0
188	MID RAIL7	PX	-0.000816	-0.000816	0	0
189	MID RAIL4	PX	-0.000816	-0.000816	0	0
190	MID RAIL3	PX	-0.000816	-0.000816	0	0
191	M170	PX	-0.002	-0.002	0	0
192	M169	PX	-0.000816	-0.000816	0	0
193	KICKER8	PX	-0.000816	-0.000816	0	0
194	KICKER7	PX	-0.000816	-0.000816	0	0
195	KICKER6	PX	-0.000816	-0.000816	0	0
196	KICKER5	PX	-0.000816	-0.000816	0	0
197	KICKER4	PX	-0.000816	-0.000816	0	0
198	KICKER3	PX	-0.000816	-0.000816	0	0
199	KICKER2	PX	-0.001	-0.001	0	0
200	KICKER1	PX	-0.001	-0.001	0	0
201	INNER8	PX	-0.001	-0.001	0	0
202	INNER7	PX	-0.001	-0.001	0	0
203	INNER6	PX	-0.001	-0.001	0	0
204	INNER5	PX	-0.001	-0.001	0	0
205	INNER4	PX	-0.001	-0.001	0	0
206	INNER3	PX	-0.001	-0.001	0	0
207	INNER2	PX	-0.000816	-0.000816	0	0
208	INNER1	PX	-0.000816	-0.000816	0	0
209	HORIZ16	PX	-0.000816	-0.000816	0	0
210	HORIZ15	PX	-0.000816	-0.000816	0	0
211	HORIZ14	PX	-0.000816	-0.000816	0	0
212	HORIZ13	PX	-0.000816	-0.000816	0	0
213	HORIZ6	PX	-0.000408	-0.000408	0	0
214	HORIZ5	PX	-0.000408	-0.000408	0	0
215	H DIAG8	PX	-0.000408	-0.000408	0	0
216	H DIAG7	PX	-0.000408	-0.000408	0	0
217	H DIAG6	PX	-0.000408	-0.000408	0	0
218	H DIAG5	PX	-0.000408	-0.000408	0	0



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Member Distributed Loads (BLC 17 : Maintenance (60)) (Continued)

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%,]	End Location[ft.%,]	
219	H DIAG4	PX	-0.000408	-0.000408	0	0
220	H DIAG3	PX	-0.000408	-0.000408	0	0
221	H DIAG2	PX	-0.000563	-0.000563	0	0
222	H DIAG1	PX	-0.001	-0.001	0	0
223	GAMMATIEBACK1	PX	-0.001	-0.001	0	0
224	FACEC6	PX	-0.001	-0.001	0	0
225	FACEC5	PX	-0.001	-0.001	0	0
226	FACEC4	PX	-0.001	-0.001	0	0
227	FACEC3	PX	-0.001	-0.001	0	0
228	FACEC2	PX	-0.001	-0.001	0	0
229	FACEC1	PX	-0.001	-0.001	0	0
230	FACEA6	PX	-0.001	-0.001	0	0
231	FACEA5	PX	-0.001	-0.001	0	0
232	FACEA4	PX	-0.001	-0.001	0	0
233	FACEA3	PX	-0.001	-0.001	0	0
234	FACEA2	PX	-0.001	-0.001	0	0
235	FACEA1	PX	-0.001	-0.001	0	0
236	FACE12	PX	-0.001	-0.001	0	0
237	FACE11	PX	-0.001	-0.001	0	0
238	FACE10	PX	-0.001	-0.001	0	0
239	FACE9	PX	-0.001	-0.001	0	0
240	FACE8	PX	-0.001	-0.001	0	0
241	FACE7	PX	-0.001	-0.001	0	0
242	FACE6	PX	-0.001	-0.001	0	0
243	FACE5	PX	-0.001	-0.001	0	0
244	FACE4	PX	-0.001	-0.001	0	0
245	FACE3	PX	-0.001	-0.001	0	0
246	FACE2	PX	-0.000563	-0.000563	0	0
247	FACE1	PX	-0.000816	-0.000816	0	0
248	DELTA TIEBACK1	PX	-0.000816	-0.000816	0	0
249	ANGLE4	PX	-0.002	-0.002	0	0
250	ANGLE3	PX	-0.002	-0.002	0	0
251	ANG FACE8	PX	-0.002	-0.002	0	0
252	ANG FACE5	PX	-0.002	-0.002	0	0
253	ANG FACE4	PX	-0.002	-0.002	0	0
254	ANG FACE1	PX	-0.002	-0.002	0	0

Member Distributed Loads (BLC 18 : Maintenance (90))

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%,]	End Location[ft.%,]	
1	VERTC5	PX	-0.000942	-0.000942	0	0
2	VERTC4	PX	-0.000942	-0.000942	0	0
3	VERTC3	PX	-0.000942	-0.000942	0	0
4	VERTC2	PX	-0.000942	-0.000942	0	0
5	VERTC1	PX	-0.000942	-0.000942	0	0
6	VERTA5	PX	-0.000942	-0.000942	0	0
7	VERTA4	PX	-0.000942	-0.000942	0	0
8	VERTA3	PX	-0.000942	-0.000942	0	0
9	VERTA2	PX	-0.000942	-0.000942	0	0
10	VERTA1	PX	-0.000942	-0.000942	0	0
11	VERT28	PX	-0.000942	-0.000942	0	0
12	VERT27	PX	-0.000942	-0.000942	0	0
13	VERT26	PX	-0.000942	-0.000942	0	0
14	VERT25	PX	-0.000942	-0.000942	0	0
15	VERT24	PX	-0.000942	-0.000942	0	0
16	VERT23	PX	-0.000942	-0.000942	0	0
17	VERT22	PX	-0.000942	-0.000942	0	0



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Member Distributed Loads (BLC 18 : Maintenance (90)) (Continued)

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]	
18	VERT13	PX	-0.00942	-0.00942	0	0
19	VERT12	PX	-0.00942	-0.00942	0	0
20	VERT11	PX	-0.00942	-0.00942	0	0
21	VERT10	PX	-0.00942	-0.00942	0	0
22	VERT9	PX	-0.00942	-0.00942	0	0
23	VERT8	PX	-0.00942	-0.00942	0	0
24	SODIAG1D	PX	-0.00942	-0.00942	0	0
25	SODIAG1C	PX	-0.00942	-0.00942	0	0
26	SO2D	PX	-0.00942	-0.00942	0	0
27	SO2C	PX	-0.00942	-0.00942	0	0
28	SO1D	PX	-0.00942	-0.00942	0	0
29	SO1C	PX	-0.00942	-0.00942	0	0
30	RAIL14	PX	-0.00942	-0.00942	0	0
31	RAIL13	PX	-0.00942	-0.00942	0	0
32	RAIL6	PX	-0.00942	-0.00942	0	0
33	RAIL5	PX	-0.00942	-0.00942	0	0
34	PL8	PX	-0.001	-0.001	0	0
35	PL7	PX	-0.001	-0.001	0	0
36	PL5	PX	-0.001	-0.001	0	0
37	PL4	PX	-0.001	-0.001	0	0
38	PL1	PX	-0.001	-0.001	0	0
39	PIPE1D	PX	-0.0065	-0.0065	0	0
40	PIPE1C	PX	-0.0065	-0.0065	0	0
41	MTIEBACK	PX	-0.00325	-0.00325	0	0
42	MSTAB6	PX	-0.00471	-0.00471	0	0
43	MSTAB5	PX	-0.00471	-0.00471	0	0
44	MSTAB4	PX	-0.00471	-0.00471	0	0
45	MSTAB3	PX	-0.00471	-0.00471	0	0
46	MSTAB2	PX	-0.00471	-0.00471	0	0
47	MSTAB1	PX	-0.00471	-0.00471	0	0
48	MRAIL3	PX	-0.00396	-0.00396	0	0
49	MRAIL2	PX	-0.00396	-0.00396	0	0
50	MRAIL1	PX	-0.00396	-0.00396	0	0
51	MP GAMMA3	PX	-0.00654	-0.00654	0	0
52	MP GAMMA2	PX	-0.00654	-0.00654	0	0
53	MP GAMMA1	PX	-0.00654	-0.00654	0	0
54	MP BETA3	PX	-0.00654	-0.00654	0	0
55	MP BETA2	PX	-0.00654	-0.00654	0	0
56	MP BETA1	PX	-0.00654	-0.00654	0	0
57	MP ALPHA3	PX	-0.00654	-0.00654	0	0
58	MP ALPHA2	PX	-0.00654	-0.00654	0	0
59	MP ALPHA1	PX	-0.00654	-0.00654	0	0
60	MID RAIL8	PX	-0.00942	-0.00942	0	0
61	MID RAIL7	PX	-0.00942	-0.00942	0	0
62	MID RAIL4	PX	-0.00942	-0.00942	0	0
63	MID RAIL3	PX	-0.00942	-0.00942	0	0
64	M170	PX	-0.002	-0.002	0	0
65	M169	PX	-0.00942	-0.00942	0	0
66	KICKER8	PX	-0.00942	-0.00942	0	0
67	KICKER7	PX	-0.00942	-0.00942	0	0
68	KICKER6	PX	-0.00942	-0.00942	0	0
69	KICKER5	PX	-0.00942	-0.00942	0	0
70	KICKER4	PX	-0.00942	-0.00942	0	0
71	KICKER3	PX	-0.00942	-0.00942	0	0
72	KICKER2	PX	-0.002	-0.002	0	0
73	KICKER1	PX	-0.002	-0.002	0	0
74	INNER8	PX	-0.002	-0.002	0	0



Member Distributed Loads (BLC 18 : Maintenance (90)) (Continued)

Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F,...	Start Location[ft, %]	End Location[ft, %]	
75	INNER7	PX	-0.002	-0.002	0	0
76	INNER6	PX	-0.002	-0.002	0	0
77	INNER5	PX	-0.002	-0.002	0	0
78	INNER4	PX	-0.002	-0.002	0	0
79	INNER3	PX	-0.002	-0.002	0	0
80	INNER2	PX	-0.00942	-0.00942	0	0
81	INNER1	PX	-0.00942	-0.00942	0	0
82	HORIZ16	PX	-0.00942	-0.00942	0	0
83	HORIZ15	PX	-0.00942	-0.00942	0	0
84	HORIZ14	PX	-0.00942	-0.00942	0	0
85	HORIZ13	PX	-0.00942	-0.00942	0	0
86	HORIZ6	PX	-0.00471	-0.00471	0	0
87	HORIZ5	PX	-0.00471	-0.00471	0	0
88	H DIAG8	PX	-0.00471	-0.00471	0	0
89	H DIAG7	PX	-0.00471	-0.00471	0	0
90	H DIAG6	PX	-0.00471	-0.00471	0	0
91	H DIAG5	PX	-0.00471	-0.00471	0	0
92	H DIAG4	PX	-0.00471	-0.00471	0	0
93	H DIAG3	PX	-0.00471	-0.00471	0	0
94	H DIAG2	PX	-0.0065	-0.0065	0	0
95	H DIAG1	PX	-0.002	-0.002	0	0
96	GAMMATIEBACK1	PX	-0.002	-0.002	0	0
97	FACEC6	PX	-0.002	-0.002	0	0
98	FACEC5	PX	-0.002	-0.002	0	0
99	FACEC4	PX	-0.002	-0.002	0	0
100	FACEC3	PX	-0.002	-0.002	0	0
101	FACEC2	PX	-0.002	-0.002	0	0
102	FACEC1	PX	-0.002	-0.002	0	0
103	FACEA6	PX	-0.002	-0.002	0	0
104	FACEA5	PX	-0.002	-0.002	0	0
105	FACEA4	PX	-0.002	-0.002	0	0
106	FACEA3	PX	-0.002	-0.002	0	0
107	FACEA2	PX	-0.002	-0.002	0	0
108	FACEA1	PX	-0.002	-0.002	0	0
109	FACE12	PX	-0.002	-0.002	0	0
110	FACE11	PX	-0.002	-0.002	0	0
111	FACE10	PX	-0.002	-0.002	0	0
112	FACE9	PX	-0.002	-0.002	0	0
113	FACE8	PX	-0.002	-0.002	0	0
114	FACE7	PX	-0.002	-0.002	0	0
115	FACE6	PX	-0.002	-0.002	0	0
116	FACE5	PX	-0.002	-0.002	0	0
117	FACE4	PX	-0.002	-0.002	0	0
118	FACE3	PX	-0.002	-0.002	0	0
119	FACE2	PX	-0.0065	-0.0065	0	0
120	FACE1	PX	-0.00942	-0.00942	0	0
121	DELTA TIEBACK1	PX	-0.00942	-0.00942	0	0
122	ANGLE4	PX	-0.002	-0.002	0	0
123	ANGLE3	PX	-0.002	-0.002	0	0
124	ANG FACE8	PX	-0.002	-0.002	0	0
125	ANG FACE5	PX	-0.002	-0.002	0	0
126	ANG FACE4	PX	-0.002	-0.002	0	0
127	ANG FACE1	PX	-0.002	-0.002	0	0

Member Distributed Loads (BLC 19 : Maintenance (120))

Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F,...	Start Location[ft, %]	End Location[ft, %]
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Member Distributed Loads (BLC 19 : Maintenance (120)) (Continued)

	Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]
1	VERTC5	PY	.000471	.000471	0	0
2	VERTC4	PY	.000471	.000471	0	0
3	VERTC3	PY	.000471	.000471	0	0
4	VERTC2	PY	.000471	.000471	0	0
5	VERTC1	PY	.000471	.000471	0	0
6	VERTA5	PY	.000471	.000471	0	0
7	VERTA4	PY	.000471	.000471	0	0
8	VERTA3	PY	.000471	.000471	0	0
9	VERTA2	PY	.000471	.000471	0	0
10	VERTA1	PY	.000471	.000471	0	0
11	VERT28	PY	.000471	.000471	0	0
12	VERT27	PY	.000471	.000471	0	0
13	VERT26	PY	.000471	.000471	0	0
14	VERT25	PY	.000471	.000471	0	0
15	VERT24	PY	.000471	.000471	0	0
16	VERT23	PY	.000471	.000471	0	0
17	VERT22	PY	.000471	.000471	0	0
18	VERT13	PY	.000471	.000471	0	0
19	VERT12	PY	.000471	.000471	0	0
20	VERT11	PY	.000471	.000471	0	0
21	VERT10	PY	.000471	.000471	0	0
22	VERT9	PY	.000471	.000471	0	0
23	VERT8	PY	.000471	.000471	0	0
24	SODIAG1D	PY	.000471	.000471	0	0
25	SODIAG1C	PY	.000471	.000471	0	0
26	SO2D	PY	.000471	.000471	0	0
27	SO2C	PY	.000471	.000471	0	0
28	SO1D	PY	.000471	.000471	0	0
29	SO1C	PY	.000471	.000471	0	0
30	RAIL14	PY	.000471	.000471	0	0
31	RAIL13	PY	.000471	.000471	0	0
32	RAIL6	PY	.000471	.000471	0	0
33	RAIL5	PY	.000471	.000471	0	0
34	PL8	PY	.000659	.000659	0	0
35	PL7	PY	.000659	.000659	0	0
36	PL5	PY	.000659	.000659	0	0
37	PL4	PY	.000659	.000659	0	0
38	PL1	PY	.000659	.000659	0	0
39	PIPE1D	PY	.000325	.000325	0	0
40	PIPE1C	PY	.000325	.000325	0	0
41	MTIEBACK	PY	.000162	.000162	0	0
42	MSTAB6	PY	.000235	.000235	0	0
43	MSTAB5	PY	.000235	.000235	0	0
44	MSTAB4	PY	.000235	.000235	0	0
45	MSTAB3	PY	.000235	.000235	0	0
46	MSTAB2	PY	.000235	.000235	0	0
47	MSTAB1	PY	.000235	.000235	0	0
48	MRAIL3	PY	.000198	.000198	0	0
49	MRAIL2	PY	.000198	.000198	0	0
50	MRAIL1	PY	.000198	.000198	0	0
51	MP GAMMA3	PY	.000327	.000327	0	0
52	MP GAMMA2	PY	.000327	.000327	0	0
53	MP GAMMA1	PY	.000327	.000327	0	0
54	MP BETA3	PY	.000327	.000327	0	0
55	MP BETA2	PY	.000327	.000327	0	0
56	MP BETA1	PY	.000327	.000327	0	0
57	MP ALPHA3	PY	.000327	.000327	0	0



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Member Distributed Loads (BLC 19 : Maintenance (120)) (Continued)

	Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]
58	MP ALPHA2	PY	.000327	.000327	0	0
59	MP ALPHA1	PY	.000327	.000327	0	0
60	MID RAIL8	PY	.000471	.000471	0	0
61	MID RAIL7	PY	.000471	.000471	0	0
62	MID RAIL4	PY	.000471	.000471	0	0
63	MID RAIL3	PY	.000471	.000471	0	0
64	M170	PY	.001	.001	0	0
65	M169	PY	.000471	.000471	0	0
66	KICKER8	PY	.000471	.000471	0	0
67	KICKER7	PY	.000471	.000471	0	0
68	KICKER6	PY	.000471	.000471	0	0
69	KICKER5	PY	.000471	.000471	0	0
70	KICKER4	PY	.000471	.000471	0	0
71	KICKER3	PY	.000471	.000471	0	0
72	KICKER2	PY	.00078	.00078	0	0
73	KICKER1	PY	.00078	.00078	0	0
74	INNER8	PY	.00078	.00078	0	0
75	INNER7	PY	.00078	.00078	0	0
76	INNER6	PY	.00078	.00078	0	0
77	INNER5	PY	.00078	.00078	0	0
78	INNER4	PY	.00078	.00078	0	0
79	INNER3	PY	.00078	.00078	0	0
80	INNER2	PY	.000471	.000471	0	0
81	INNER1	PY	.000471	.000471	0	0
82	HORIZ16	PY	.000471	.000471	0	0
83	HORIZ15	PY	.000471	.000471	0	0
84	HORIZ14	PY	.000471	.000471	0	0
85	HORIZ13	PY	.000471	.000471	0	0
86	HORIZ6	PY	.000235	.000235	0	0
87	HORIZ5	PY	.000235	.000235	0	0
88	H DIAG8	PY	.000235	.000235	0	0
89	H DIAG7	PY	.000235	.000235	0	0
90	H DIAG6	PY	.000235	.000235	0	0
91	H DIAG5	PY	.000235	.000235	0	0
92	H DIAG4	PY	.000235	.000235	0	0
93	H DIAG3	PY	.000235	.000235	0	0
94	H DIAG2	PY	.000325	.000325	0	0
95	H DIAG1	PY	.00078	.00078	0	0
96	GAMMATIEBACK1	PY	.00078	.00078	0	0
97	FACEC6	PY	.00078	.00078	0	0
98	FACEC5	PY	.00078	.00078	0	0
99	FACEC4	PY	.00078	.00078	0	0
100	FACEC3	PY	.00078	.00078	0	0
101	FACEC2	PY	.00078	.00078	0	0
102	FACEC1	PY	.00078	.00078	0	0
103	FACEA6	PY	.00078	.00078	0	0
104	FACEA5	PY	.00078	.00078	0	0
105	FACEA4	PY	.00078	.00078	0	0
106	FACEA3	PY	.00078	.00078	0	0
107	FACEA2	PY	.00078	.00078	0	0
108	FACEA1	PY	.00078	.00078	0	0
109	FACE12	PY	.00078	.00078	0	0
110	FACE11	PY	.00078	.00078	0	0
111	FACE10	PY	.00078	.00078	0	0
112	FACE9	PY	.00078	.00078	0	0
113	FACE8	PY	.00078	.00078	0	0
114	FACE7	PY	.00078	.00078	0	0



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Member Distributed Loads (BLC 19 : Maintenance (120)) (Continued)

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]	
115	FACE6	PY	.00078	.00078	0	0
116	FACE5	PY	.00078	.00078	0	0
117	FACE4	PY	.00078	.00078	0	0
118	FACE3	PY	.00078	.00078	0	0
119	FACE2	PY	.000325	.000325	0	0
120	FACE1	PY	.000471	.000471	0	0
121	DELTA TIEBACK1	PY	.000471	.000471	0	0
122	ANGLE4	PY	.001	.001	0	0
123	ANGLE3	PY	.001	.001	0	0
124	ANG FACE8	PY	.001	.001	0	0
125	ANG FACE5	PY	.001	.001	0	0
126	ANG FACE4	PY	.001	.001	0	0
127	ANG FACE1	PY	.001	.001	0	0
128	VERTC5	PX	-.000816	-.000816	0	0
129	VERTC4	PX	-.000816	-.000816	0	0
130	VERTC3	PX	-.000816	-.000816	0	0
131	VERTC2	PX	-.000816	-.000816	0	0
132	VERTC1	PX	-.000816	-.000816	0	0
133	VERTA5	PX	-.000816	-.000816	0	0
134	VERTA4	PX	-.000816	-.000816	0	0
135	VERTA3	PX	-.000816	-.000816	0	0
136	VERTA2	PX	-.000816	-.000816	0	0
137	VERTA1	PX	-.000816	-.000816	0	0
138	VERT28	PX	-.000816	-.000816	0	0
139	VERT27	PX	-.000816	-.000816	0	0
140	VERT26	PX	-.000816	-.000816	0	0
141	VERT25	PX	-.000816	-.000816	0	0
142	VERT24	PX	-.000816	-.000816	0	0
143	VERT23	PX	-.000816	-.000816	0	0
144	VERT22	PX	-.000816	-.000816	0	0
145	VERT13	PX	-.000816	-.000816	0	0
146	VERT12	PX	-.000816	-.000816	0	0
147	VERT11	PX	-.000816	-.000816	0	0
148	VERT10	PX	-.000816	-.000816	0	0
149	VERT9	PX	-.000816	-.000816	0	0
150	VERT8	PX	-.000816	-.000816	0	0
151	SODIAG1D	PX	-.000816	-.000816	0	0
152	SODIAG1C	PX	-.000816	-.000816	0	0
153	SO2D	PX	-.000816	-.000816	0	0
154	SO2C	PX	-.000816	-.000816	0	0
155	SO1D	PX	-.000816	-.000816	0	0
156	SO1C	PX	-.000816	-.000816	0	0
157	RAIL14	PX	-.000816	-.000816	0	0
158	RAIL13	PX	-.000816	-.000816	0	0
159	RAIL6	PX	-.000816	-.000816	0	0
160	RAIL5	PX	-.000816	-.000816	0	0
161	PL8	PX	-.001	-.001	0	0
162	PL7	PX	-.001	-.001	0	0
163	PL5	PX	-.001	-.001	0	0
164	PL4	PX	-.001	-.001	0	0
165	PL1	PX	-.001	-.001	0	0
166	PIPE1D	PX	-.000563	-.000563	0	0
167	PIPE1C	PX	-.000563	-.000563	0	0
168	MTIEBACK	PX	-.000281	-.000281	0	0
169	MSTAB6	PX	-.000408	-.000408	0	0
170	MSTAB5	PX	-.000408	-.000408	0	0
171	MSTAB4	PX	-.000408	-.000408	0	0



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Member Distributed Loads (BLC 19 : Maintenance (120)) (Continued)

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]	
172	MSTAB3	PX	-0.00408	-0.00408	0	0
173	MSTAB2	PX	-0.00408	-0.00408	0	0
174	MSTAB1	PX	-0.00408	-0.00408	0	0
175	MRAIL3	PX	-0.00343	-0.00343	0	0
176	MRAIL2	PX	-0.00343	-0.00343	0	0
177	MRAIL1	PX	-0.00343	-0.00343	0	0
178	MP GAMMA3	PX	-0.00566	-0.00566	0	0
179	MP GAMMA2	PX	-0.00566	-0.00566	0	0
180	MP GAMMA1	PX	-0.00566	-0.00566	0	0
181	MP BETA3	PX	-0.00566	-0.00566	0	0
182	MP BETA2	PX	-0.00566	-0.00566	0	0
183	MP BETA1	PX	-0.00566	-0.00566	0	0
184	MP ALPHA3	PX	-0.00566	-0.00566	0	0
185	MP ALPHA2	PX	-0.00566	-0.00566	0	0
186	MP ALPHA1	PX	-0.00566	-0.00566	0	0
187	MID RAIL8	PX	-0.00816	-0.00816	0	0
188	MID RAIL7	PX	-0.00816	-0.00816	0	0
189	MID RAIL4	PX	-0.00816	-0.00816	0	0
190	MID RAIL3	PX	-0.00816	-0.00816	0	0
191	M170	PX	-0.002	-0.002	0	0
192	M169	PX	-0.00816	-0.00816	0	0
193	KICKER8	PX	-0.00816	-0.00816	0	0
194	KICKER7	PX	-0.00816	-0.00816	0	0
195	KICKER6	PX	-0.00816	-0.00816	0	0
196	KICKER5	PX	-0.00816	-0.00816	0	0
197	KICKER4	PX	-0.00816	-0.00816	0	0
198	KICKER3	PX	-0.00816	-0.00816	0	0
199	KICKER2	PX	-0.001	-0.001	0	0
200	KICKER1	PX	-0.001	-0.001	0	0
201	INNER8	PX	-0.001	-0.001	0	0
202	INNER7	PX	-0.001	-0.001	0	0
203	INNER6	PX	-0.001	-0.001	0	0
204	INNER5	PX	-0.001	-0.001	0	0
205	INNER4	PX	-0.001	-0.001	0	0
206	INNER3	PX	-0.001	-0.001	0	0
207	INNER2	PX	-0.00816	-0.00816	0	0
208	INNER1	PX	-0.00816	-0.00816	0	0
209	HORIZ16	PX	-0.00816	-0.00816	0	0
210	HORIZ15	PX	-0.00816	-0.00816	0	0
211	HORIZ14	PX	-0.00816	-0.00816	0	0
212	HORIZ13	PX	-0.00816	-0.00816	0	0
213	HORIZ6	PX	-0.00408	-0.00408	0	0
214	HORIZ5	PX	-0.00408	-0.00408	0	0
215	H DIAG8	PX	-0.00408	-0.00408	0	0
216	H DIAG7	PX	-0.00408	-0.00408	0	0
217	H DIAG6	PX	-0.00408	-0.00408	0	0
218	H DIAG5	PX	-0.00408	-0.00408	0	0
219	H DIAG4	PX	-0.00408	-0.00408	0	0
220	H DIAG3	PX	-0.00408	-0.00408	0	0
221	H DIAG2	PX	-0.00563	-0.00563	0	0
222	H DIAG1	PX	-0.001	-0.001	0	0
223	GAMMATIEBACK1	PX	-0.001	-0.001	0	0
224	FACEC6	PX	-0.001	-0.001	0	0
225	FACEC5	PX	-0.001	-0.001	0	0
226	FACEC4	PX	-0.001	-0.001	0	0
227	FACEC3	PX	-0.001	-0.001	0	0
228	FACEC2	PX	-0.001	-0.001	0	0



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Member Distributed Loads (BLC 19 : Maintenance (120)) (Continued)

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]	
229	FACEC1	PX	-0.001	-0.001	0	0
230	FACEA6	PX	-0.001	-0.001	0	0
231	FACEA5	PX	-0.001	-0.001	0	0
232	FACEA4	PX	-0.001	-0.001	0	0
233	FACEA3	PX	-0.001	-0.001	0	0
234	FACEA2	PX	-0.001	-0.001	0	0
235	FACEA1	PX	-0.001	-0.001	0	0
236	FACE12	PX	-0.001	-0.001	0	0
237	FACE11	PX	-0.001	-0.001	0	0
238	FACE10	PX	-0.001	-0.001	0	0
239	FACE9	PX	-0.001	-0.001	0	0
240	FACE8	PX	-0.001	-0.001	0	0
241	FACE7	PX	-0.001	-0.001	0	0
242	FACE6	PX	-0.001	-0.001	0	0
243	FACE5	PX	-0.001	-0.001	0	0
244	FACE4	PX	-0.001	-0.001	0	0
245	FACE3	PX	-0.001	-0.001	0	0
246	FACE2	PX	-0.000563	-0.000563	0	0
247	FACE1	PX	-0.000816	-0.000816	0	0
248	DELTA TIEBACK1	PX	-0.000816	-0.000816	0	0
249	ANGLE4	PX	-0.002	-0.002	0	0
250	ANGLE3	PX	-0.002	-0.002	0	0
251	ANG FACE8	PX	-0.002	-0.002	0	0
252	ANG FACE5	PX	-0.002	-0.002	0	0
253	ANG FACE4	PX	-0.002	-0.002	0	0
254	ANG FACE1	PX	-0.002	-0.002	0	0

Member Distributed Loads (BLC 20 : Maintenance (150))

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]	
1	VERTC5	PY	.000816	.000816	0	0
2	VERTC4	PY	.000816	.000816	0	0
3	VERTC3	PY	.000816	.000816	0	0
4	VERTC2	PY	.000816	.000816	0	0
5	VERTC1	PY	.000816	.000816	0	0
6	VERTA5	PY	.000816	.000816	0	0
7	VERTA4	PY	.000816	.000816	0	0
8	VERTA3	PY	.000816	.000816	0	0
9	VERTA2	PY	.000816	.000816	0	0
10	VERTA1	PY	.000816	.000816	0	0
11	VERT28	PY	.000816	.000816	0	0
12	VERT27	PY	.000816	.000816	0	0
13	VERT26	PY	.000816	.000816	0	0
14	VERT25	PY	.000816	.000816	0	0
15	VERT24	PY	.000816	.000816	0	0
16	VERT23	PY	.000816	.000816	0	0
17	VERT22	PY	.000816	.000816	0	0
18	VERT13	PY	.000816	.000816	0	0
19	VERT12	PY	.000816	.000816	0	0
20	VERT11	PY	.000816	.000816	0	0
21	VERT10	PY	.000816	.000816	0	0
22	VERT9	PY	.000816	.000816	0	0
23	VERT8	PY	.000816	.000816	0	0
24	SODIAG1D	PY	.000816	.000816	0	0
25	SODIAG1C	PY	.000816	.000816	0	0
26	SO2D	PY	.000816	.000816	0	0
27	SO2C	PY	.000816	.000816	0	0



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Member Distributed Loads (BLC 20 : Maintenance (150)) (Continued)

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]	
28	SO1D	PY	.000816	.000816	0	0
29	SO1C	PY	.000816	.000816	0	0
30	RAIL14	PY	.000816	.000816	0	0
31	RAIL13	PY	.000816	.000816	0	0
32	RAIL6	PY	.000816	.000816	0	0
33	RAIL5	PY	.000816	.000816	0	0
34	PL8	PY	.001	.001	0	0
35	PL7	PY	.001	.001	0	0
36	PL5	PY	.001	.001	0	0
37	PL4	PY	.001	.001	0	0
38	PL1	PY	.001	.001	0	0
39	PIPE1D	PY	.000563	.000563	0	0
40	PIPE1C	PY	.000563	.000563	0	0
41	MTIEBACK	PY	.000281	.000281	0	0
42	MSTAB6	PY	.000408	.000408	0	0
43	MSTAB5	PY	.000408	.000408	0	0
44	MSTAB4	PY	.000408	.000408	0	0
45	MSTAB3	PY	.000408	.000408	0	0
46	MSTAB2	PY	.000408	.000408	0	0
47	MSTAB1	PY	.000408	.000408	0	0
48	MRAIL3	PY	.000343	.000343	0	0
49	MRAIL2	PY	.000343	.000343	0	0
50	MRAIL1	PY	.000343	.000343	0	0
51	MP GAMMA3	PY	.000566	.000566	0	0
52	MP GAMMA2	PY	.000566	.000566	0	0
53	MP GAMMA1	PY	.000566	.000566	0	0
54	MP BETA3	PY	.000566	.000566	0	0
55	MP BETA2	PY	.000566	.000566	0	0
56	MP BETA1	PY	.000566	.000566	0	0
57	MP ALPHA3	PY	.000566	.000566	0	0
58	MP ALPHA2	PY	.000566	.000566	0	0
59	MP ALPHA1	PY	.000566	.000566	0	0
60	MID RAIL8	PY	.000816	.000816	0	0
61	MID RAIL7	PY	.000816	.000816	0	0
62	MID RAIL4	PY	.000816	.000816	0	0
63	MID RAIL3	PY	.000816	.000816	0	0
64	M170	PY	.002	.002	0	0
65	M169	PY	.000816	.000816	0	0
66	KICKER8	PY	.000816	.000816	0	0
67	KICKER7	PY	.000816	.000816	0	0
68	KICKER6	PY	.000816	.000816	0	0
69	KICKER5	PY	.000816	.000816	0	0
70	KICKER4	PY	.000816	.000816	0	0
71	KICKER3	PY	.000816	.000816	0	0
72	KICKER2	PY	.001	.001	0	0
73	KICKER1	PY	.001	.001	0	0
74	INNER8	PY	.001	.001	0	0
75	INNER7	PY	.001	.001	0	0
76	INNER6	PY	.001	.001	0	0
77	INNER5	PY	.001	.001	0	0
78	INNER4	PY	.001	.001	0	0
79	INNER3	PY	.001	.001	0	0
80	INNER2	PY	.000816	.000816	0	0
81	INNER1	PY	.000816	.000816	0	0
82	HORIZ16	PY	.000816	.000816	0	0
83	HORIZ15	PY	.000816	.000816	0	0
84	HORIZ14	PY	.000816	.000816	0	0



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Member Distributed Loads (BLC 20 : Maintenance (150)) (Continued)

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]	
85	HORIZ13	PY	.000816	.000816	0	0
86	HORIZ6	PY	.000408	.000408	0	0
87	HORIZ5	PY	.000408	.000408	0	0
88	H DIAG8	PY	.000408	.000408	0	0
89	H DIAG7	PY	.000408	.000408	0	0
90	H DIAG6	PY	.000408	.000408	0	0
91	H DIAG5	PY	.000408	.000408	0	0
92	H DIAG4	PY	.000408	.000408	0	0
93	H DIAG3	PY	.000408	.000408	0	0
94	H DIAG2	PY	.000563	.000563	0	0
95	H DIAG1	PY	.001	.001	0	0
96	GAMMATIEBACK1	PY	.001	.001	0	0
97	FACEC6	PY	.001	.001	0	0
98	FACEC5	PY	.001	.001	0	0
99	FACEC4	PY	.001	.001	0	0
100	FACEC3	PY	.001	.001	0	0
101	FACEC2	PY	.001	.001	0	0
102	FACEC1	PY	.001	.001	0	0
103	FACEA6	PY	.001	.001	0	0
104	FACEA5	PY	.001	.001	0	0
105	FACEA4	PY	.001	.001	0	0
106	FACEA3	PY	.001	.001	0	0
107	FACEA2	PY	.001	.001	0	0
108	FACEA1	PY	.001	.001	0	0
109	FACE12	PY	.001	.001	0	0
110	FACE11	PY	.001	.001	0	0
111	FACE10	PY	.001	.001	0	0
112	FACE9	PY	.001	.001	0	0
113	FACE8	PY	.001	.001	0	0
114	FACE7	PY	.001	.001	0	0
115	FACE6	PY	.001	.001	0	0
116	FACE5	PY	.001	.001	0	0
117	FACE4	PY	.001	.001	0	0
118	FACE3	PY	.001	.001	0	0
119	FACE2	PY	.000563	.000563	0	0
120	FACE1	PY	.000816	.000816	0	0
121	DELTA TIEBACK1	PY	.000816	.000816	0	0
122	ANGLE4	PY	.002	.002	0	0
123	ANGLE3	PY	.002	.002	0	0
124	ANG FACE8	PY	.002	.002	0	0
125	ANG FACE5	PY	.002	.002	0	0
126	ANG FACE4	PY	.002	.002	0	0
127	ANG FACE1	PY	.002	.002	0	0
128	VERTC5	PX	-.000471	-.000471	0	0
129	VERTC4	PX	-.000471	-.000471	0	0
130	VERTC3	PX	-.000471	-.000471	0	0
131	VERTC2	PX	-.000471	-.000471	0	0
132	VERTC1	PX	-.000471	-.000471	0	0
133	VERTA5	PX	-.000471	-.000471	0	0
134	VERTA4	PX	-.000471	-.000471	0	0
135	VERTA3	PX	-.000471	-.000471	0	0
136	VERTA2	PX	-.000471	-.000471	0	0
137	VERTA1	PX	-.000471	-.000471	0	0
138	VERT28	PX	-.000471	-.000471	0	0
139	VERT27	PX	-.000471	-.000471	0	0
140	VERT26	PX	-.000471	-.000471	0	0
141	VERT25	PX	-.000471	-.000471	0	0



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Member Distributed Loads (BLC 20 : Maintenance (150)) (Continued)

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]	
142	VERT24	PX	-0.00471	-0.00471	0	0
143	VERT23	PX	-0.00471	-0.00471	0	0
144	VERT22	PX	-0.00471	-0.00471	0	0
145	VERT13	PX	-0.00471	-0.00471	0	0
146	VERT12	PX	-0.00471	-0.00471	0	0
147	VERT11	PX	-0.00471	-0.00471	0	0
148	VERT10	PX	-0.00471	-0.00471	0	0
149	VERT9	PX	-0.00471	-0.00471	0	0
150	VERT8	PX	-0.00471	-0.00471	0	0
151	SODIAG1D	PX	-0.00471	-0.00471	0	0
152	SODIAG1C	PX	-0.00471	-0.00471	0	0
153	SO2D	PX	-0.00471	-0.00471	0	0
154	SO2C	PX	-0.00471	-0.00471	0	0
155	SO1D	PX	-0.00471	-0.00471	0	0
156	SO1C	PX	-0.00471	-0.00471	0	0
157	RAIL14	PX	-0.00471	-0.00471	0	0
158	RAIL13	PX	-0.00471	-0.00471	0	0
159	RAIL6	PX	-0.00471	-0.00471	0	0
160	RAIL5	PX	-0.00471	-0.00471	0	0
161	PL8	PX	-0.00659	-0.00659	0	0
162	PL7	PX	-0.00659	-0.00659	0	0
163	PL5	PX	-0.00659	-0.00659	0	0
164	PL4	PX	-0.00659	-0.00659	0	0
165	PL1	PX	-0.00659	-0.00659	0	0
166	PIPE1D	PX	-0.00325	-0.00325	0	0
167	PIPE1C	PX	-0.00325	-0.00325	0	0
168	MTIEBACK	PX	-0.00162	-0.00162	0	0
169	MSTAB6	PX	-0.00235	-0.00235	0	0
170	MSTAB5	PX	-0.00235	-0.00235	0	0
171	MSTAB4	PX	-0.00235	-0.00235	0	0
172	MSTAB3	PX	-0.00235	-0.00235	0	0
173	MSTAB2	PX	-0.00235	-0.00235	0	0
174	MSTAB1	PX	-0.00235	-0.00235	0	0
175	MRAIL3	PX	-0.00198	-0.00198	0	0
176	MRAIL2	PX	-0.00198	-0.00198	0	0
177	MRAIL1	PX	-0.00198	-0.00198	0	0
178	MP GAMMA3	PX	-0.00327	-0.00327	0	0
179	MP GAMMA2	PX	-0.00327	-0.00327	0	0
180	MP GAMMA1	PX	-0.00327	-0.00327	0	0
181	MP BETA3	PX	-0.00327	-0.00327	0	0
182	MP BETA2	PX	-0.00327	-0.00327	0	0
183	MP BETA1	PX	-0.00327	-0.00327	0	0
184	MP ALPHA3	PX	-0.00327	-0.00327	0	0
185	MP ALPHA2	PX	-0.00327	-0.00327	0	0
186	MP ALPHA1	PX	-0.00327	-0.00327	0	0
187	MID RAIL8	PX	-0.00471	-0.00471	0	0
188	MID RAIL7	PX	-0.00471	-0.00471	0	0
189	MID RAIL4	PX	-0.00471	-0.00471	0	0
190	MID RAIL3	PX	-0.00471	-0.00471	0	0
191	M170	PX	-0.001	-0.001	0	0
192	M169	PX	-0.00471	-0.00471	0	0
193	KICKER8	PX	-0.00471	-0.00471	0	0
194	KICKER7	PX	-0.00471	-0.00471	0	0
195	KICKER6	PX	-0.00471	-0.00471	0	0
196	KICKER5	PX	-0.00471	-0.00471	0	0
197	KICKER4	PX	-0.00471	-0.00471	0	0
198	KICKER3	PX	-0.00471	-0.00471	0	0



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Member Distributed Loads (BLC 20 : Maintenance (150)) (Continued)

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]	
199	KICKER2	PX	-0.00078	-0.00078	0	0
200	KICKER1	PX	-0.00078	-0.00078	0	0
201	INNER8	PX	-0.00078	-0.00078	0	0
202	INNER7	PX	-0.00078	-0.00078	0	0
203	INNER6	PX	-0.00078	-0.00078	0	0
204	INNER5	PX	-0.00078	-0.00078	0	0
205	INNER4	PX	-0.00078	-0.00078	0	0
206	INNER3	PX	-0.00078	-0.00078	0	0
207	INNER2	PX	-0.00471	-0.00471	0	0
208	INNER1	PX	-0.00471	-0.00471	0	0
209	HORIZ16	PX	-0.00471	-0.00471	0	0
210	HORIZ15	PX	-0.00471	-0.00471	0	0
211	HORIZ14	PX	-0.00471	-0.00471	0	0
212	HORIZ13	PX	-0.00471	-0.00471	0	0
213	HORIZ6	PX	-0.00235	-0.00235	0	0
214	HORIZ5	PX	-0.00235	-0.00235	0	0
215	H DIAG8	PX	-0.00235	-0.00235	0	0
216	H DIAG7	PX	-0.00235	-0.00235	0	0
217	H DIAG6	PX	-0.00235	-0.00235	0	0
218	H DIAG5	PX	-0.00235	-0.00235	0	0
219	H DIAG4	PX	-0.00235	-0.00235	0	0
220	H DIAG3	PX	-0.00235	-0.00235	0	0
221	H DIAG2	PX	-0.00325	-0.00325	0	0
222	H DIAG1	PX	-0.00078	-0.00078	0	0
223	GAMMATIEBACK1	PX	-0.00078	-0.00078	0	0
224	FACEC6	PX	-0.00078	-0.00078	0	0
225	FACEC5	PX	-0.00078	-0.00078	0	0
226	FACEC4	PX	-0.00078	-0.00078	0	0
227	FACEC3	PX	-0.00078	-0.00078	0	0
228	FACEC2	PX	-0.00078	-0.00078	0	0
229	FACEC1	PX	-0.00078	-0.00078	0	0
230	FACEA6	PX	-0.00078	-0.00078	0	0
231	FACEA5	PX	-0.00078	-0.00078	0	0
232	FACEA4	PX	-0.00078	-0.00078	0	0
233	FACEA3	PX	-0.00078	-0.00078	0	0
234	FACEA2	PX	-0.00078	-0.00078	0	0
235	FACEA1	PX	-0.00078	-0.00078	0	0
236	FACE12	PX	-0.00078	-0.00078	0	0
237	FACE11	PX	-0.00078	-0.00078	0	0
238	FACE10	PX	-0.00078	-0.00078	0	0
239	FACE9	PX	-0.00078	-0.00078	0	0
240	FACE8	PX	-0.00078	-0.00078	0	0
241	FACE7	PX	-0.00078	-0.00078	0	0
242	FACE6	PX	-0.00078	-0.00078	0	0
243	FACE5	PX	-0.00078	-0.00078	0	0
244	FACE4	PX	-0.00078	-0.00078	0	0
245	FACE3	PX	-0.00078	-0.00078	0	0
246	FACE2	PX	-0.00325	-0.00325	0	0
247	FACE1	PX	-0.00471	-0.00471	0	0
248	DELTA TIEBACK1	PX	-0.00471	-0.00471	0	0
249	ANGLE4	PX	-0.001	-0.001	0	0
250	ANGLE3	PX	-0.001	-0.001	0	0
251	ANG FACE8	PX	-0.001	-0.001	0	0
252	ANG FACE5	PX	-0.001	-0.001	0	0
253	ANG FACE4	PX	-0.001	-0.001	0	0
254	ANG FACE1	PX	-0.001	-0.001	0	0



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Member Distributed Loads (BLC 21 : Maintenance (180))

	Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]
1	VERTC5	PY	.000942	.000942	0	0
2	VERTC4	PY	.000942	.000942	0	0
3	VERTC3	PY	.000942	.000942	0	0
4	VERTC2	PY	.000942	.000942	0	0
5	VERTC1	PY	.000942	.000942	0	0
6	VERTA5	PY	.000942	.000942	0	0
7	VERTA4	PY	.000942	.000942	0	0
8	VERTA3	PY	.000942	.000942	0	0
9	VERTA2	PY	.000942	.000942	0	0
10	VERTA1	PY	.000942	.000942	0	0
11	VERT28	PY	.000942	.000942	0	0
12	VERT27	PY	.000942	.000942	0	0
13	VERT26	PY	.000942	.000942	0	0
14	VERT25	PY	.000942	.000942	0	0
15	VERT24	PY	.000942	.000942	0	0
16	VERT23	PY	.000942	.000942	0	0
17	VERT22	PY	.000942	.000942	0	0
18	VERT13	PY	.000942	.000942	0	0
19	VERT12	PY	.000942	.000942	0	0
20	VERT11	PY	.000942	.000942	0	0
21	VERT10	PY	.000942	.000942	0	0
22	VERT9	PY	.000942	.000942	0	0
23	VERT8	PY	.000942	.000942	0	0
24	SODIAG1D	PY	.000942	.000942	0	0
25	SODIAG1C	PY	.000942	.000942	0	0
26	SO2D	PY	.000942	.000942	0	0
27	SO2C	PY	.000942	.000942	0	0
28	SO1D	PY	.000942	.000942	0	0
29	SO1C	PY	.000942	.000942	0	0
30	RAIL14	PY	.000942	.000942	0	0
31	RAIL13	PY	.000942	.000942	0	0
32	RAIL6	PY	.000942	.000942	0	0
33	RAIL5	PY	.000942	.000942	0	0
34	PL8	PY	.001	.001	0	0
35	PL7	PY	.001	.001	0	0
36	PL5	PY	.001	.001	0	0
37	PL4	PY	.001	.001	0	0
38	PL1	PY	.001	.001	0	0
39	PIPE1D	PY	.00065	.00065	0	0
40	PIPE1C	PY	.00065	.00065	0	0
41	MTIEBACK	PY	.000325	.000325	0	0
42	MSTAB6	PY	.000471	.000471	0	0
43	MSTAB5	PY	.000471	.000471	0	0
44	MSTAB4	PY	.000471	.000471	0	0
45	MSTAB3	PY	.000471	.000471	0	0
46	MSTAB2	PY	.000471	.000471	0	0
47	MSTAB1	PY	.000471	.000471	0	0
48	MRAIL3	PY	.000396	.000396	0	0
49	MRAIL2	PY	.000396	.000396	0	0
50	MRAIL1	PY	.000396	.000396	0	0
51	MP GAMMA3	PY	.000654	.000654	0	0
52	MP GAMMA2	PY	.000654	.000654	0	0
53	MP GAMMA1	PY	.000654	.000654	0	0
54	MP BETA3	PY	.000654	.000654	0	0
55	MP BETA2	PY	.000654	.000654	0	0
56	MP BETA1	PY	.000654	.000654	0	0
57	MP ALPHA3	PY	.000654	.000654	0	0



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Member Distributed Loads (BLC 21 : Maintenance (180)) (Continued)

	Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]
58	MP ALPHA2	PY	.000654	.000654	0	0
59	MP ALPHA1	PY	.000654	.000654	0	0
60	MID RAIL8	PY	.000942	.000942	0	0
61	MID RAIL7	PY	.000942	.000942	0	0
62	MID RAIL4	PY	.000942	.000942	0	0
63	MID RAIL3	PY	.000942	.000942	0	0
64	M170	PY	.002	.002	0	0
65	M169	PY	.000942	.000942	0	0
66	KICKER8	PY	.000942	.000942	0	0
67	KICKER7	PY	.000942	.000942	0	0
68	KICKER6	PY	.000942	.000942	0	0
69	KICKER5	PY	.000942	.000942	0	0
70	KICKER4	PY	.000942	.000942	0	0
71	KICKER3	PY	.000942	.000942	0	0
72	KICKER2	PY	.002	.002	0	0
73	KICKER1	PY	.002	.002	0	0
74	INNER8	PY	.002	.002	0	0
75	INNER7	PY	.002	.002	0	0
76	INNER6	PY	.002	.002	0	0
77	INNER5	PY	.002	.002	0	0
78	INNER4	PY	.002	.002	0	0
79	INNER3	PY	.002	.002	0	0
80	INNER2	PY	.000942	.000942	0	0
81	INNER1	PY	.000942	.000942	0	0
82	HORIZ16	PY	.000942	.000942	0	0
83	HORIZ15	PY	.000942	.000942	0	0
84	HORIZ14	PY	.000942	.000942	0	0
85	HORIZ13	PY	.000942	.000942	0	0
86	HORIZ6	PY	.000471	.000471	0	0
87	HORIZ5	PY	.000471	.000471	0	0
88	H DIAG8	PY	.000471	.000471	0	0
89	H DIAG7	PY	.000471	.000471	0	0
90	H DIAG6	PY	.000471	.000471	0	0
91	H DIAG5	PY	.000471	.000471	0	0
92	H DIAG4	PY	.000471	.000471	0	0
93	H DIAG3	PY	.000471	.000471	0	0
94	H DIAG2	PY	.00065	.00065	0	0
95	H DIAG1	PY	.002	.002	0	0
96	GAMMATIEBACK1	PY	.002	.002	0	0
97	FACEC6	PY	.002	.002	0	0
98	FACEC5	PY	.002	.002	0	0
99	FACEC4	PY	.002	.002	0	0
100	FACEC3	PY	.002	.002	0	0
101	FACEC2	PY	.002	.002	0	0
102	FACEC1	PY	.002	.002	0	0
103	FACEA6	PY	.002	.002	0	0
104	FACEA5	PY	.002	.002	0	0
105	FACEA4	PY	.002	.002	0	0
106	FACEA3	PY	.002	.002	0	0
107	FACEA2	PY	.002	.002	0	0
108	FACEA1	PY	.002	.002	0	0
109	FACE12	PY	.002	.002	0	0
110	FACE11	PY	.002	.002	0	0
111	FACE10	PY	.002	.002	0	0
112	FACE9	PY	.002	.002	0	0
113	FACE8	PY	.002	.002	0	0
114	FACE7	PY	.002	.002	0	0



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Member Distributed Loads (BLC 21 : Maintenance (180)) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft.F,...	Start Location[ft.%]	End Location[ft.%]
115	FACE6	PY	.002	.002	0	0
116	FACE5	PY	.002	.002	0	0
117	FACE4	PY	.002	.002	0	0
118	FACE3	PY	.002	.002	0	0
119	FACE2	PY	.00065	.00065	0	0
120	FACE1	PY	.000942	.000942	0	0
121	DELTA TIEBACK1	PY	.000942	.000942	0	0
122	ANGLE4	PY	.002	.002	0	0
123	ANGLE3	PY	.002	.002	0	0
124	ANG FACE8	PY	.002	.002	0	0
125	ANG FACE5	PY	.002	.002	0	0
126	ANG FACE4	PY	.002	.002	0	0
127	ANG FACE1	PY	.002	.002	0	0

Member Distributed Loads (BLC 22 : Maintenance (210))

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft.F,...	Start Location[ft.%]	End Location[ft.%]
1	VERTC5	PY	.000816	.000816	0	0
2	VERTC4	PY	.000816	.000816	0	0
3	VERTC3	PY	.000816	.000816	0	0
4	VERTC2	PY	.000816	.000816	0	0
5	VERTC1	PY	.000816	.000816	0	0
6	VERTA5	PY	.000816	.000816	0	0
7	VERTA4	PY	.000816	.000816	0	0
8	VERTA3	PY	.000816	.000816	0	0
9	VERTA2	PY	.000816	.000816	0	0
10	VERTA1	PY	.000816	.000816	0	0
11	VERT28	PY	.000816	.000816	0	0
12	VERT27	PY	.000816	.000816	0	0
13	VERT26	PY	.000816	.000816	0	0
14	VERT25	PY	.000816	.000816	0	0
15	VERT24	PY	.000816	.000816	0	0
16	VERT23	PY	.000816	.000816	0	0
17	VERT22	PY	.000816	.000816	0	0
18	VERT13	PY	.000816	.000816	0	0
19	VERT12	PY	.000816	.000816	0	0
20	VERT11	PY	.000816	.000816	0	0
21	VERT10	PY	.000816	.000816	0	0
22	VERT9	PY	.000816	.000816	0	0
23	VERT8	PY	.000816	.000816	0	0
24	SODIAG1D	PY	.000816	.000816	0	0
25	SODIAG1C	PY	.000816	.000816	0	0
26	SO2D	PY	.000816	.000816	0	0
27	SO2C	PY	.000816	.000816	0	0
28	SO1D	PY	.000816	.000816	0	0
29	SO1C	PY	.000816	.000816	0	0
30	RAIL14	PY	.000816	.000816	0	0
31	RAIL13	PY	.000816	.000816	0	0
32	RAIL6	PY	.000816	.000816	0	0
33	RAIL5	PY	.000816	.000816	0	0
34	PL8	PY	.001	.001	0	0
35	PL7	PY	.001	.001	0	0
36	PL5	PY	.001	.001	0	0
37	PL4	PY	.001	.001	0	0
38	PL1	PY	.001	.001	0	0
39	PIPE1D	PY	.000563	.000563	0	0
40	PIPE1C	PY	.000563	.000563	0	0



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Member Distributed Loads (BLC 22 : Maintenance (210)) (Continued)

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]	
41	MTIEBACK	PY	.000281	.000281	0	0
42	MSTAB6	PY	.000408	.000408	0	0
43	MSTAB5	PY	.000408	.000408	0	0
44	MSTAB4	PY	.000408	.000408	0	0
45	MSTAB3	PY	.000408	.000408	0	0
46	MSTAB2	PY	.000408	.000408	0	0
47	MSTAB1	PY	.000408	.000408	0	0
48	MRAIL3	PY	.000343	.000343	0	0
49	MRAIL2	PY	.000343	.000343	0	0
50	MRAIL1	PY	.000343	.000343	0	0
51	MP GAMMA3	PY	.000566	.000566	0	0
52	MP GAMMA2	PY	.000566	.000566	0	0
53	MP GAMMA1	PY	.000566	.000566	0	0
54	MP BETA3	PY	.000566	.000566	0	0
55	MP BETA2	PY	.000566	.000566	0	0
56	MP BETA1	PY	.000566	.000566	0	0
57	MP ALPHA3	PY	.000566	.000566	0	0
58	MP ALPHA2	PY	.000566	.000566	0	0
59	MP ALPHA1	PY	.000566	.000566	0	0
60	MID RAIL8	PY	.000816	.000816	0	0
61	MID RAIL7	PY	.000816	.000816	0	0
62	MID RAIL4	PY	.000816	.000816	0	0
63	MID RAIL3	PY	.000816	.000816	0	0
64	M170	PY	.002	.002	0	0
65	M169	PY	.000816	.000816	0	0
66	KICKER8	PY	.000816	.000816	0	0
67	KICKER7	PY	.000816	.000816	0	0
68	KICKER6	PY	.000816	.000816	0	0
69	KICKER5	PY	.000816	.000816	0	0
70	KICKER4	PY	.000816	.000816	0	0
71	KICKER3	PY	.000816	.000816	0	0
72	KICKER2	PY	.001	.001	0	0
73	KICKER1	PY	.001	.001	0	0
74	INNER8	PY	.001	.001	0	0
75	INNER7	PY	.001	.001	0	0
76	INNER6	PY	.001	.001	0	0
77	INNER5	PY	.001	.001	0	0
78	INNER4	PY	.001	.001	0	0
79	INNER3	PY	.001	.001	0	0
80	INNER2	PY	.000816	.000816	0	0
81	INNER1	PY	.000816	.000816	0	0
82	HORIZ16	PY	.000816	.000816	0	0
83	HORIZ15	PY	.000816	.000816	0	0
84	HORIZ14	PY	.000816	.000816	0	0
85	HORIZ13	PY	.000816	.000816	0	0
86	HORIZ6	PY	.000408	.000408	0	0
87	HORIZ5	PY	.000408	.000408	0	0
88	H DIAG8	PY	.000408	.000408	0	0
89	H DIAG7	PY	.000408	.000408	0	0
90	H DIAG6	PY	.000408	.000408	0	0
91	H DIAG5	PY	.000408	.000408	0	0
92	H DIAG4	PY	.000408	.000408	0	0
93	H DIAG3	PY	.000408	.000408	0	0
94	H DIAG2	PY	.000563	.000563	0	0
95	H DIAG1	PY	.001	.001	0	0
96	GAMMATIEBACK1	PY	.001	.001	0	0
97	FACEC6	PY	.001	.001	0	0



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Member Distributed Loads (BLC 22 : Maintenance (210)) (Continued)

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]	
98	FACEC5	PY	.001	.001	0	0
99	FACEC4	PY	.001	.001	0	0
100	FACEC3	PY	.001	.001	0	0
101	FACEC2	PY	.001	.001	0	0
102	FACEC1	PY	.001	.001	0	0
103	FACEA6	PY	.001	.001	0	0
104	FACEA5	PY	.001	.001	0	0
105	FACEA4	PY	.001	.001	0	0
106	FACEA3	PY	.001	.001	0	0
107	FACEA2	PY	.001	.001	0	0
108	FACEA1	PY	.001	.001	0	0
109	FACE12	PY	.001	.001	0	0
110	FACE11	PY	.001	.001	0	0
111	FACE10	PY	.001	.001	0	0
112	FACE9	PY	.001	.001	0	0
113	FACE8	PY	.001	.001	0	0
114	FACE7	PY	.001	.001	0	0
115	FACE6	PY	.001	.001	0	0
116	FACE5	PY	.001	.001	0	0
117	FACE4	PY	.001	.001	0	0
118	FACE3	PY	.001	.001	0	0
119	FACE2	PY	.000563	.000563	0	0
120	FACE1	PY	.000816	.000816	0	0
121	DELTA TIEBACK1	PY	.000816	.000816	0	0
122	ANGLE4	PY	.002	.002	0	0
123	ANGLE3	PY	.002	.002	0	0
124	ANG FACE8	PY	.002	.002	0	0
125	ANG FACE5	PY	.002	.002	0	0
126	ANG FACE4	PY	.002	.002	0	0
127	ANG FACE1	PY	.002	.002	0	0
128	VERTC5	PX	.000471	.000471	0	0
129	VERTC4	PX	.000471	.000471	0	0
130	VERTC3	PX	.000471	.000471	0	0
131	VERTC2	PX	.000471	.000471	0	0
132	VERTC1	PX	.000471	.000471	0	0
133	VERTA5	PX	.000471	.000471	0	0
134	VERTA4	PX	.000471	.000471	0	0
135	VERTA3	PX	.000471	.000471	0	0
136	VERTA2	PX	.000471	.000471	0	0
137	VERTA1	PX	.000471	.000471	0	0
138	VERT28	PX	.000471	.000471	0	0
139	VERT27	PX	.000471	.000471	0	0
140	VERT26	PX	.000471	.000471	0	0
141	VERT25	PX	.000471	.000471	0	0
142	VERT24	PX	.000471	.000471	0	0
143	VERT23	PX	.000471	.000471	0	0
144	VERT22	PX	.000471	.000471	0	0
145	VERT13	PX	.000471	.000471	0	0
146	VERT12	PX	.000471	.000471	0	0
147	VERT11	PX	.000471	.000471	0	0
148	VERT10	PX	.000471	.000471	0	0
149	VERT9	PX	.000471	.000471	0	0
150	VERT8	PX	.000471	.000471	0	0
151	SODIAG1D	PX	.000471	.000471	0	0
152	SODIAG1C	PX	.000471	.000471	0	0
153	SO2D	PX	.000471	.000471	0	0
154	SO2C	PX	.000471	.000471	0	0



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Member Distributed Loads (BLC 22 : Maintenance (210)) (Continued)

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]	
155	SO1D	PX	.000471	.000471	0	0
156	SO1C	PX	.000471	.000471	0	0
157	RAIL14	PX	.000471	.000471	0	0
158	RAIL13	PX	.000471	.000471	0	0
159	RAIL6	PX	.000471	.000471	0	0
160	RAIL5	PX	.000471	.000471	0	0
161	PL8	PX	.000659	.000659	0	0
162	PL7	PX	.000659	.000659	0	0
163	PL5	PX	.000659	.000659	0	0
164	PL4	PX	.000659	.000659	0	0
165	PL1	PX	.000659	.000659	0	0
166	PIPE1D	PX	.000325	.000325	0	0
167	PIPE1C	PX	.000325	.000325	0	0
168	MTIEBACK	PX	.000162	.000162	0	0
169	MSTAB6	PX	.000235	.000235	0	0
170	MSTAB5	PX	.000235	.000235	0	0
171	MSTAB4	PX	.000235	.000235	0	0
172	MSTAB3	PX	.000235	.000235	0	0
173	MSTAB2	PX	.000235	.000235	0	0
174	MSTAB1	PX	.000235	.000235	0	0
175	MRAIL3	PX	.000198	.000198	0	0
176	MRAIL2	PX	.000198	.000198	0	0
177	MRAIL1	PX	.000198	.000198	0	0
178	MP GAMMA3	PX	.000327	.000327	0	0
179	MP GAMMA2	PX	.000327	.000327	0	0
180	MP GAMMA1	PX	.000327	.000327	0	0
181	MP BETA3	PX	.000327	.000327	0	0
182	MP BETA2	PX	.000327	.000327	0	0
183	MP BETA1	PX	.000327	.000327	0	0
184	MP ALPHA3	PX	.000327	.000327	0	0
185	MP ALPHA2	PX	.000327	.000327	0	0
186	MP ALPHA1	PX	.000327	.000327	0	0
187	MID RAIL8	PX	.000471	.000471	0	0
188	MID RAIL7	PX	.000471	.000471	0	0
189	MID RAIL4	PX	.000471	.000471	0	0
190	MID RAIL3	PX	.000471	.000471	0	0
191	M170	PX	.001	.001	0	0
192	M169	PX	.000471	.000471	0	0
193	KICKER8	PX	.000471	.000471	0	0
194	KICKER7	PX	.000471	.000471	0	0
195	KICKER6	PX	.000471	.000471	0	0
196	KICKER5	PX	.000471	.000471	0	0
197	KICKER4	PX	.000471	.000471	0	0
198	KICKER3	PX	.000471	.000471	0	0
199	KICKER2	PX	.00078	.00078	0	0
200	KICKER1	PX	.00078	.00078	0	0
201	INNER8	PX	.00078	.00078	0	0
202	INNER7	PX	.00078	.00078	0	0
203	INNER6	PX	.00078	.00078	0	0
204	INNER5	PX	.00078	.00078	0	0
205	INNER4	PX	.00078	.00078	0	0
206	INNER3	PX	.00078	.00078	0	0
207	INNER2	PX	.000471	.000471	0	0
208	INNER1	PX	.000471	.000471	0	0
209	HORIZ16	PX	.000471	.000471	0	0
210	HORIZ15	PX	.000471	.000471	0	0
211	HORIZ14	PX	.000471	.000471	0	0



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Member Distributed Loads (BLC 22 : Maintenance (210)) (Continued)

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]	
212	HORIZ13	PX	.000471	.000471	0	0
213	HORIZ6	PX	.000235	.000235	0	0
214	HORIZ5	PX	.000235	.000235	0	0
215	H DIAG8	PX	.000235	.000235	0	0
216	H DIAG7	PX	.000235	.000235	0	0
217	H DIAG6	PX	.000235	.000235	0	0
218	H DIAG5	PX	.000235	.000235	0	0
219	H DIAG4	PX	.000235	.000235	0	0
220	H DIAG3	PX	.000235	.000235	0	0
221	H DIAG2	PX	.000325	.000325	0	0
222	H DIAG1	PX	.00078	.00078	0	0
223	GAMMATIEBACK1	PX	.00078	.00078	0	0
224	FACEC6	PX	.00078	.00078	0	0
225	FACEC5	PX	.00078	.00078	0	0
226	FACEC4	PX	.00078	.00078	0	0
227	FACEC3	PX	.00078	.00078	0	0
228	FACEC2	PX	.00078	.00078	0	0
229	FACEC1	PX	.00078	.00078	0	0
230	FACEA6	PX	.00078	.00078	0	0
231	FACEA5	PX	.00078	.00078	0	0
232	FACEA4	PX	.00078	.00078	0	0
233	FACEA3	PX	.00078	.00078	0	0
234	FACEA2	PX	.00078	.00078	0	0
235	FACEA1	PX	.00078	.00078	0	0
236	FACE12	PX	.00078	.00078	0	0
237	FACE11	PX	.00078	.00078	0	0
238	FACE10	PX	.00078	.00078	0	0
239	FACE9	PX	.00078	.00078	0	0
240	FACE8	PX	.00078	.00078	0	0
241	FACE7	PX	.00078	.00078	0	0
242	FACE6	PX	.00078	.00078	0	0
243	FACE5	PX	.00078	.00078	0	0
244	FACE4	PX	.00078	.00078	0	0
245	FACE3	PX	.00078	.00078	0	0
246	FACE2	PX	.000325	.000325	0	0
247	FACE1	PX	.000471	.000471	0	0
248	DELTA TIEBACK1	PX	.000471	.000471	0	0
249	ANGLE4	PX	.001	.001	0	0
250	ANGLE3	PX	.001	.001	0	0
251	ANG FACE8	PX	.001	.001	0	0
252	ANG FACE5	PX	.001	.001	0	0
253	ANG FACE4	PX	.001	.001	0	0
254	ANG FACE1	PX	.001	.001	0	0

Member Distributed Loads (BLC 23 : Maintenance (240))

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]	
1	VERTC5	PY	.000471	.000471	0	0
2	VERTC4	PY	.000471	.000471	0	0
3	VERTC3	PY	.000471	.000471	0	0
4	VERTC2	PY	.000471	.000471	0	0
5	VERTC1	PY	.000471	.000471	0	0
6	VERTA5	PY	.000471	.000471	0	0
7	VERTA4	PY	.000471	.000471	0	0
8	VERTA3	PY	.000471	.000471	0	0
9	VERTA2	PY	.000471	.000471	0	0
10	VERTA1	PY	.000471	.000471	0	0



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Member Distributed Loads (BLC 23 : Maintenance (240)) (Continued)

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]	
11	VERT28	PY	.000471	.000471	0	0
12	VERT27	PY	.000471	.000471	0	0
13	VERT26	PY	.000471	.000471	0	0
14	VERT25	PY	.000471	.000471	0	0
15	VERT24	PY	.000471	.000471	0	0
16	VERT23	PY	.000471	.000471	0	0
17	VERT22	PY	.000471	.000471	0	0
18	VERT13	PY	.000471	.000471	0	0
19	VERT12	PY	.000471	.000471	0	0
20	VERT11	PY	.000471	.000471	0	0
21	VERT10	PY	.000471	.000471	0	0
22	VERT9	PY	.000471	.000471	0	0
23	VERT8	PY	.000471	.000471	0	0
24	SODIAG1D	PY	.000471	.000471	0	0
25	SODIAG1C	PY	.000471	.000471	0	0
26	SO2D	PY	.000471	.000471	0	0
27	SO2C	PY	.000471	.000471	0	0
28	SO1D	PY	.000471	.000471	0	0
29	SO1C	PY	.000471	.000471	0	0
30	RAIL14	PY	.000471	.000471	0	0
31	RAIL13	PY	.000471	.000471	0	0
32	RAIL6	PY	.000471	.000471	0	0
33	RAIL5	PY	.000471	.000471	0	0
34	PL8	PY	.000659	.000659	0	0
35	PL7	PY	.000659	.000659	0	0
36	PL5	PY	.000659	.000659	0	0
37	PL4	PY	.000659	.000659	0	0
38	PL1	PY	.000659	.000659	0	0
39	PIPE1D	PY	.000325	.000325	0	0
40	PIPE1C	PY	.000325	.000325	0	0
41	MTIEBACK	PY	.000162	.000162	0	0
42	MSTAB6	PY	.000235	.000235	0	0
43	MSTAB5	PY	.000235	.000235	0	0
44	MSTAB4	PY	.000235	.000235	0	0
45	MSTAB3	PY	.000235	.000235	0	0
46	MSTAB2	PY	.000235	.000235	0	0
47	MSTAB1	PY	.000235	.000235	0	0
48	MRAIL3	PY	.000198	.000198	0	0
49	MRAIL2	PY	.000198	.000198	0	0
50	MRAIL1	PY	.000198	.000198	0	0
51	MP GAMMA3	PY	.000327	.000327	0	0
52	MP GAMMA2	PY	.000327	.000327	0	0
53	MP GAMMA1	PY	.000327	.000327	0	0
54	MP BETA3	PY	.000327	.000327	0	0
55	MP BETA2	PY	.000327	.000327	0	0
56	MP BETA1	PY	.000327	.000327	0	0
57	MP ALPHA3	PY	.000327	.000327	0	0
58	MP ALPHA2	PY	.000327	.000327	0	0
59	MP ALPHA1	PY	.000327	.000327	0	0
60	MID RAIL8	PY	.000471	.000471	0	0
61	MID RAIL7	PY	.000471	.000471	0	0
62	MID RAIL4	PY	.000471	.000471	0	0
63	MID RAIL3	PY	.000471	.000471	0	0
64	M170	PY	.001	.001	0	0
65	M169	PY	.000471	.000471	0	0
66	KICKER8	PY	.000471	.000471	0	0
67	KICKER7	PY	.000471	.000471	0	0



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Member Distributed Loads (BLC 23 : Maintenance (240)) (Continued)

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]	
68	KICKER6	PY	.000471	.000471	0	0
69	KICKER5	PY	.000471	.000471	0	0
70	KICKER4	PY	.000471	.000471	0	0
71	KICKER3	PY	.000471	.000471	0	0
72	KICKER2	PY	.00078	.00078	0	0
73	KICKER1	PY	.00078	.00078	0	0
74	INNER8	PY	.00078	.00078	0	0
75	INNER7	PY	.00078	.00078	0	0
76	INNER6	PY	.00078	.00078	0	0
77	INNER5	PY	.00078	.00078	0	0
78	INNER4	PY	.00078	.00078	0	0
79	INNER3	PY	.00078	.00078	0	0
80	INNER2	PY	.000471	.000471	0	0
81	INNER1	PY	.000471	.000471	0	0
82	HORIZ16	PY	.000471	.000471	0	0
83	HORIZ15	PY	.000471	.000471	0	0
84	HORIZ14	PY	.000471	.000471	0	0
85	HORIZ13	PY	.000471	.000471	0	0
86	HORIZ6	PY	.000235	.000235	0	0
87	HORIZ5	PY	.000235	.000235	0	0
88	H DIAG8	PY	.000235	.000235	0	0
89	H DIAG7	PY	.000235	.000235	0	0
90	H DIAG6	PY	.000235	.000235	0	0
91	H DIAG5	PY	.000235	.000235	0	0
92	H DIAG4	PY	.000235	.000235	0	0
93	H DIAG3	PY	.000235	.000235	0	0
94	H DIAG2	PY	.000325	.000325	0	0
95	H DIAG1	PY	.00078	.00078	0	0
96	GAMMATIEBACK1	PY	.00078	.00078	0	0
97	FACEC6	PY	.00078	.00078	0	0
98	FACEC5	PY	.00078	.00078	0	0
99	FACEC4	PY	.00078	.00078	0	0
100	FACEC3	PY	.00078	.00078	0	0
101	FACEC2	PY	.00078	.00078	0	0
102	FACEC1	PY	.00078	.00078	0	0
103	FACEA6	PY	.00078	.00078	0	0
104	FACEA5	PY	.00078	.00078	0	0
105	FACEA4	PY	.00078	.00078	0	0
106	FACEA3	PY	.00078	.00078	0	0
107	FACEA2	PY	.00078	.00078	0	0
108	FACEA1	PY	.00078	.00078	0	0
109	FACE12	PY	.00078	.00078	0	0
110	FACE11	PY	.00078	.00078	0	0
111	FACE10	PY	.00078	.00078	0	0
112	FACE9	PY	.00078	.00078	0	0
113	FACE8	PY	.00078	.00078	0	0
114	FACE7	PY	.00078	.00078	0	0
115	FACE6	PY	.00078	.00078	0	0
116	FACE5	PY	.00078	.00078	0	0
117	FACE4	PY	.00078	.00078	0	0
118	FACE3	PY	.00078	.00078	0	0
119	FACE2	PY	.000325	.000325	0	0
120	FACE1	PY	.000471	.000471	0	0
121	DELTA TIEBACK1	PY	.000471	.000471	0	0
122	ANGLE4	PY	.001	.001	0	0
123	ANGLE3	PY	.001	.001	0	0
124	ANG FACE8	PY	.001	.001	0	0



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Member Distributed Loads (BLC 23 : Maintenance (240)) (Continued)

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]	
125	ANG FACE5	PY	.001	.001	0	0
126	ANG FACE4	PY	.001	.001	0	0
127	ANG FACE1	PY	.001	.001	0	0
128	VERTC5	PX	.000816	.000816	0	0
129	VERTC4	PX	.000816	.000816	0	0
130	VERTC3	PX	.000816	.000816	0	0
131	VERTC2	PX	.000816	.000816	0	0
132	VERTC1	PX	.000816	.000816	0	0
133	VERTA5	PX	.000816	.000816	0	0
134	VERTA4	PX	.000816	.000816	0	0
135	VERTA3	PX	.000816	.000816	0	0
136	VERTA2	PX	.000816	.000816	0	0
137	VERTA1	PX	.000816	.000816	0	0
138	VERT28	PX	.000816	.000816	0	0
139	VERT27	PX	.000816	.000816	0	0
140	VERT26	PX	.000816	.000816	0	0
141	VERT25	PX	.000816	.000816	0	0
142	VERT24	PX	.000816	.000816	0	0
143	VERT23	PX	.000816	.000816	0	0
144	VERT22	PX	.000816	.000816	0	0
145	VERT13	PX	.000816	.000816	0	0
146	VERT12	PX	.000816	.000816	0	0
147	VERT11	PX	.000816	.000816	0	0
148	VERT10	PX	.000816	.000816	0	0
149	VERT9	PX	.000816	.000816	0	0
150	VERT8	PX	.000816	.000816	0	0
151	SODIAG1D	PX	.000816	.000816	0	0
152	SODIAG1C	PX	.000816	.000816	0	0
153	SO2D	PX	.000816	.000816	0	0
154	SO2C	PX	.000816	.000816	0	0
155	SO1D	PX	.000816	.000816	0	0
156	SO1C	PX	.000816	.000816	0	0
157	RAIL14	PX	.000816	.000816	0	0
158	RAIL13	PX	.000816	.000816	0	0
159	RAIL6	PX	.000816	.000816	0	0
160	RAIL5	PX	.000816	.000816	0	0
161	PL8	PX	.001	.001	0	0
162	PL7	PX	.001	.001	0	0
163	PL5	PX	.001	.001	0	0
164	PL4	PX	.001	.001	0	0
165	PL1	PX	.001	.001	0	0
166	PIPE1D	PX	.000563	.000563	0	0
167	PIPE1C	PX	.000563	.000563	0	0
168	MTIEBACK	PX	.000281	.000281	0	0
169	MSTAB6	PX	.000408	.000408	0	0
170	MSTAB5	PX	.000408	.000408	0	0
171	MSTAB4	PX	.000408	.000408	0	0
172	MSTAB3	PX	.000408	.000408	0	0
173	MSTAB2	PX	.000408	.000408	0	0
174	MSTAB1	PX	.000408	.000408	0	0
175	MRAIL3	PX	.000343	.000343	0	0
176	MRAIL2	PX	.000343	.000343	0	0
177	MRAIL1	PX	.000343	.000343	0	0
178	MP GAMMA3	PX	.000566	.000566	0	0
179	MP GAMMA2	PX	.000566	.000566	0	0
180	MP GAMMA1	PX	.000566	.000566	0	0
181	MP BETA3	PX	.000566	.000566	0	0



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Member Distributed Loads (BLC 23 : Maintenance (240)) (Continued)

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]	
182	MP BETA2	PX	.000566	.000566	0	0
183	MP BETA1	PX	.000566	.000566	0	0
184	MP ALPHA3	PX	.000566	.000566	0	0
185	MP ALPHA2	PX	.000566	.000566	0	0
186	MP ALPHA1	PX	.000566	.000566	0	0
187	MID RAIL8	PX	.000816	.000816	0	0
188	MID RAIL7	PX	.000816	.000816	0	0
189	MID RAIL4	PX	.000816	.000816	0	0
190	MID RAIL3	PX	.000816	.000816	0	0
191	M170	PX	.002	.002	0	0
192	M169	PX	.000816	.000816	0	0
193	KICKER8	PX	.000816	.000816	0	0
194	KICKER7	PX	.000816	.000816	0	0
195	KICKER6	PX	.000816	.000816	0	0
196	KICKER5	PX	.000816	.000816	0	0
197	KICKER4	PX	.000816	.000816	0	0
198	KICKER3	PX	.000816	.000816	0	0
199	KICKER2	PX	.001	.001	0	0
200	KICKER1	PX	.001	.001	0	0
201	INNER8	PX	.001	.001	0	0
202	INNER7	PX	.001	.001	0	0
203	INNER6	PX	.001	.001	0	0
204	INNER5	PX	.001	.001	0	0
205	INNER4	PX	.001	.001	0	0
206	INNER3	PX	.001	.001	0	0
207	INNER2	PX	.000816	.000816	0	0
208	INNER1	PX	.000816	.000816	0	0
209	HORIZ16	PX	.000816	.000816	0	0
210	HORIZ15	PX	.000816	.000816	0	0
211	HORIZ14	PX	.000816	.000816	0	0
212	HORIZ13	PX	.000816	.000816	0	0
213	HORIZ6	PX	.000408	.000408	0	0
214	HORIZ5	PX	.000408	.000408	0	0
215	H DIAG8	PX	.000408	.000408	0	0
216	H DIAG7	PX	.000408	.000408	0	0
217	H DIAG6	PX	.000408	.000408	0	0
218	H DIAG5	PX	.000408	.000408	0	0
219	H DIAG4	PX	.000408	.000408	0	0
220	H DIAG3	PX	.000408	.000408	0	0
221	H DIAG2	PX	.000563	.000563	0	0
222	H DIAG1	PX	.001	.001	0	0
223	GAMMATIEBACK1	PX	.001	.001	0	0
224	FACEC6	PX	.001	.001	0	0
225	FACEC5	PX	.001	.001	0	0
226	FACEC4	PX	.001	.001	0	0
227	FACEC3	PX	.001	.001	0	0
228	FACEC2	PX	.001	.001	0	0
229	FACEC1	PX	.001	.001	0	0
230	FACEA6	PX	.001	.001	0	0
231	FACEA5	PX	.001	.001	0	0
232	FACEA4	PX	.001	.001	0	0
233	FACEA3	PX	.001	.001	0	0
234	FACEA2	PX	.001	.001	0	0
235	FACEA1	PX	.001	.001	0	0
236	FACE12	PX	.001	.001	0	0
237	FACE11	PX	.001	.001	0	0
238	FACE10	PX	.001	.001	0	0



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Member Distributed Loads (BLC 23 : Maintenance (240)) (Continued)

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%,]	End Location[ft.%,]	
239	FACE9	PX	.001	.001	0	0
240	FACE8	PX	.001	.001	0	0
241	FACE7	PX	.001	.001	0	0
242	FACE6	PX	.001	.001	0	0
243	FACE5	PX	.001	.001	0	0
244	FACE4	PX	.001	.001	0	0
245	FACE3	PX	.001	.001	0	0
246	FACE2	PX	.000563	.000563	0	0
247	FACE1	PX	.000816	.000816	0	0
248	DELTA TIEBACK1	PX	.000816	.000816	0	0
249	ANGLE4	PX	.002	.002	0	0
250	ANGLE3	PX	.002	.002	0	0
251	ANG FACE8	PX	.002	.002	0	0
252	ANG FACE5	PX	.002	.002	0	0
253	ANG FACE4	PX	.002	.002	0	0
254	ANG FACE1	PX	.002	.002	0	0

Member Distributed Loads (BLC 24 : Maintenance (270))

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%,]	End Location[ft.%,]	
1	VERTC5	PX	.000942	.000942	0	0
2	VERTC4	PX	.000942	.000942	0	0
3	VERTC3	PX	.000942	.000942	0	0
4	VERTC2	PX	.000942	.000942	0	0
5	VERTC1	PX	.000942	.000942	0	0
6	VERTA5	PX	.000942	.000942	0	0
7	VERTA4	PX	.000942	.000942	0	0
8	VERTA3	PX	.000942	.000942	0	0
9	VERTA2	PX	.000942	.000942	0	0
10	VERTA1	PX	.000942	.000942	0	0
11	VERT28	PX	.000942	.000942	0	0
12	VERT27	PX	.000942	.000942	0	0
13	VERT26	PX	.000942	.000942	0	0
14	VERT25	PX	.000942	.000942	0	0
15	VERT24	PX	.000942	.000942	0	0
16	VERT23	PX	.000942	.000942	0	0
17	VERT22	PX	.000942	.000942	0	0
18	VERT13	PX	.000942	.000942	0	0
19	VERT12	PX	.000942	.000942	0	0
20	VERT11	PX	.000942	.000942	0	0
21	VERT10	PX	.000942	.000942	0	0
22	VERT9	PX	.000942	.000942	0	0
23	VERT8	PX	.000942	.000942	0	0
24	SODIAG1D	PX	.000942	.000942	0	0
25	SODIAG1C	PX	.000942	.000942	0	0
26	SO2D	PX	.000942	.000942	0	0
27	SO2C	PX	.000942	.000942	0	0
28	SO1D	PX	.000942	.000942	0	0
29	SO1C	PX	.000942	.000942	0	0
30	RAIL14	PX	.000942	.000942	0	0
31	RAIL13	PX	.000942	.000942	0	0
32	RAIL6	PX	.000942	.000942	0	0
33	RAIL5	PX	.000942	.000942	0	0
34	PL8	PX	.001	.001	0	0
35	PL7	PX	.001	.001	0	0
36	PL5	PX	.001	.001	0	0
37	PL4	PX	.001	.001	0	0



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 Model Name : 88014

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Member Distributed Loads (BLC 24 : Maintenance (270)) (Continued)

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]	
38	PL1	PX	.001	.001	0	0
39	PIPE1D	PX	.00065	.00065	0	0
40	PIPE1C	PX	.00065	.00065	0	0
41	MTIEBACK	PX	.000325	.000325	0	0
42	MSTAB6	PX	.000471	.000471	0	0
43	MSTAB5	PX	.000471	.000471	0	0
44	MSTAB4	PX	.000471	.000471	0	0
45	MSTAB3	PX	.000471	.000471	0	0
46	MSTAB2	PX	.000471	.000471	0	0
47	MSTAB1	PX	.000471	.000471	0	0
48	MRAIL3	PX	.000396	.000396	0	0
49	MRAIL2	PX	.000396	.000396	0	0
50	MRAIL1	PX	.000396	.000396	0	0
51	MP GAMMA3	PX	.000654	.000654	0	0
52	MP GAMMA2	PX	.000654	.000654	0	0
53	MP GAMMA1	PX	.000654	.000654	0	0
54	MP BETA3	PX	.000654	.000654	0	0
55	MP BETA2	PX	.000654	.000654	0	0
56	MP BETA1	PX	.000654	.000654	0	0
57	MP ALPHA3	PX	.000654	.000654	0	0
58	MP ALPHA2	PX	.000654	.000654	0	0
59	MP ALPHA1	PX	.000654	.000654	0	0
60	MID RAIL8	PX	.000942	.000942	0	0
61	MID RAIL7	PX	.000942	.000942	0	0
62	MID RAIL4	PX	.000942	.000942	0	0
63	MID RAIL3	PX	.000942	.000942	0	0
64	M170	PX	.002	.002	0	0
65	M169	PX	.000942	.000942	0	0
66	KICKER8	PX	.000942	.000942	0	0
67	KICKER7	PX	.000942	.000942	0	0
68	KICKER6	PX	.000942	.000942	0	0
69	KICKER5	PX	.000942	.000942	0	0
70	KICKER4	PX	.000942	.000942	0	0
71	KICKER3	PX	.000942	.000942	0	0
72	KICKER2	PX	.002	.002	0	0
73	KICKER1	PX	.002	.002	0	0
74	INNER8	PX	.002	.002	0	0
75	INNER7	PX	.002	.002	0	0
76	INNER6	PX	.002	.002	0	0
77	INNER5	PX	.002	.002	0	0
78	INNER4	PX	.002	.002	0	0
79	INNER3	PX	.002	.002	0	0
80	INNER2	PX	.000942	.000942	0	0
81	INNER1	PX	.000942	.000942	0	0
82	HORIZ16	PX	.000942	.000942	0	0
83	HORIZ15	PX	.000942	.000942	0	0
84	HORIZ14	PX	.000942	.000942	0	0
85	HORIZ13	PX	.000942	.000942	0	0
86	HORIZ6	PX	.000471	.000471	0	0
87	HORIZ5	PX	.000471	.000471	0	0
88	H DIAG8	PX	.000471	.000471	0	0
89	H DIAG7	PX	.000471	.000471	0	0
90	H DIAG6	PX	.000471	.000471	0	0
91	H DIAG5	PX	.000471	.000471	0	0
92	H DIAG4	PX	.000471	.000471	0	0
93	H DIAG3	PX	.000471	.000471	0	0
94	H DIAG2	PX	.00065	.00065	0	0



Member Distributed Loads (BLC 24 : Maintenance (270)) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft.F,...	Start Location[ft, %]	End Location[ft, %]
95	H DIAG1	PX	.002	.002	0	0
96	GAMMATIEBACK1	PX	.002	.002	0	0
97	FACEC6	PX	.002	.002	0	0
98	FACEC5	PX	.002	.002	0	0
99	FACEC4	PX	.002	.002	0	0
100	FACEC3	PX	.002	.002	0	0
101	FACEC2	PX	.002	.002	0	0
102	FACEC1	PX	.002	.002	0	0
103	FACEA6	PX	.002	.002	0	0
104	FACEA5	PX	.002	.002	0	0
105	FACEA4	PX	.002	.002	0	0
106	FACEA3	PX	.002	.002	0	0
107	FACEA2	PX	.002	.002	0	0
108	FACEA1	PX	.002	.002	0	0
109	FACE12	PX	.002	.002	0	0
110	FACE11	PX	.002	.002	0	0
111	FACE10	PX	.002	.002	0	0
112	FACE9	PX	.002	.002	0	0
113	FACE8	PX	.002	.002	0	0
114	FACE7	PX	.002	.002	0	0
115	FACE6	PX	.002	.002	0	0
116	FACE5	PX	.002	.002	0	0
117	FACE4	PX	.002	.002	0	0
118	FACE3	PX	.002	.002	0	0
119	FACE2	PX	.00065	.00065	0	0
120	FACE1	PX	.000942	.000942	0	0
121	DELTA TIEBACK1	PX	.000942	.000942	0	0
122	ANGLE4	PX	.002	.002	0	0
123	ANGLE3	PX	.002	.002	0	0
124	ANG FACE8	PX	.002	.002	0	0
125	ANG FACE5	PX	.002	.002	0	0
126	ANG FACE4	PX	.002	.002	0	0
127	ANG FACE1	PX	.002	.002	0	0

Member Distributed Loads (BLC 25 : Maintenance (300))

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft.F,...	Start Location[ft, %]	End Location[ft, %]
1	VERTC5	PY	-.000471	-.000471	0	0
2	VERTC4	PY	-.000471	-.000471	0	0
3	VERTC3	PY	-.000471	-.000471	0	0
4	VERTC2	PY	-.000471	-.000471	0	0
5	VERTC1	PY	-.000471	-.000471	0	0
6	VERTA5	PY	-.000471	-.000471	0	0
7	VERTA4	PY	-.000471	-.000471	0	0
8	VERTA3	PY	-.000471	-.000471	0	0
9	VERTA2	PY	-.000471	-.000471	0	0
10	VERTA1	PY	-.000471	-.000471	0	0
11	VERT28	PY	-.000471	-.000471	0	0
12	VERT27	PY	-.000471	-.000471	0	0
13	VERT26	PY	-.000471	-.000471	0	0
14	VERT25	PY	-.000471	-.000471	0	0
15	VERT24	PY	-.000471	-.000471	0	0
16	VERT23	PY	-.000471	-.000471	0	0
17	VERT22	PY	-.000471	-.000471	0	0
18	VERT13	PY	-.000471	-.000471	0	0
19	VERT12	PY	-.000471	-.000471	0	0
20	VERT11	PY	-.000471	-.000471	0	0



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Member Distributed Loads (BLC 25 : Maintenance (300)) (Continued)

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]	
21	VERT10	PY	-0.00471	-0.00471	0	0
22	VERT9	PY	-0.00471	-0.00471	0	0
23	VERT8	PY	-0.00471	-0.00471	0	0
24	SODIAG1D	PY	-0.00471	-0.00471	0	0
25	SODIAG1C	PY	-0.00471	-0.00471	0	0
26	SO2D	PY	-0.00471	-0.00471	0	0
27	SO2C	PY	-0.00471	-0.00471	0	0
28	SO1D	PY	-0.00471	-0.00471	0	0
29	SO1C	PY	-0.00471	-0.00471	0	0
30	RAIL14	PY	-0.00471	-0.00471	0	0
31	RAIL13	PY	-0.00471	-0.00471	0	0
32	RAIL6	PY	-0.00471	-0.00471	0	0
33	RAIL5	PY	-0.00471	-0.00471	0	0
34	PL8	PY	-0.00659	-0.00659	0	0
35	PL7	PY	-0.00659	-0.00659	0	0
36	PL5	PY	-0.00659	-0.00659	0	0
37	PL4	PY	-0.00659	-0.00659	0	0
38	PL1	PY	-0.00659	-0.00659	0	0
39	PIPE1D	PY	-0.00325	-0.00325	0	0
40	PIPE1C	PY	-0.00325	-0.00325	0	0
41	MTIEBACK	PY	-0.00162	-0.00162	0	0
42	MSTAB6	PY	-0.00235	-0.00235	0	0
43	MSTAB5	PY	-0.00235	-0.00235	0	0
44	MSTAB4	PY	-0.00235	-0.00235	0	0
45	MSTAB3	PY	-0.00235	-0.00235	0	0
46	MSTAB2	PY	-0.00235	-0.00235	0	0
47	MSTAB1	PY	-0.00235	-0.00235	0	0
48	MRAIL3	PY	-0.00198	-0.00198	0	0
49	MRAIL2	PY	-0.00198	-0.00198	0	0
50	MRAIL1	PY	-0.00198	-0.00198	0	0
51	MP GAMMA3	PY	-0.00327	-0.00327	0	0
52	MP GAMMA2	PY	-0.00327	-0.00327	0	0
53	MP GAMMA1	PY	-0.00327	-0.00327	0	0
54	MP BETA3	PY	-0.00327	-0.00327	0	0
55	MP BETA2	PY	-0.00327	-0.00327	0	0
56	MP BETA1	PY	-0.00327	-0.00327	0	0
57	MP ALPHA3	PY	-0.00327	-0.00327	0	0
58	MP ALPHA2	PY	-0.00327	-0.00327	0	0
59	MP ALPHA1	PY	-0.00327	-0.00327	0	0
60	MID RAIL8	PY	-0.00471	-0.00471	0	0
61	MID RAIL7	PY	-0.00471	-0.00471	0	0
62	MID RAIL4	PY	-0.00471	-0.00471	0	0
63	MID RAIL3	PY	-0.00471	-0.00471	0	0
64	M170	PY	-0.001	-0.001	0	0
65	M169	PY	-0.00471	-0.00471	0	0
66	KICKER8	PY	-0.00471	-0.00471	0	0
67	KICKER7	PY	-0.00471	-0.00471	0	0
68	KICKER6	PY	-0.00471	-0.00471	0	0
69	KICKER5	PY	-0.00471	-0.00471	0	0
70	KICKER4	PY	-0.00471	-0.00471	0	0
71	KICKER3	PY	-0.00471	-0.00471	0	0
72	KICKER2	PY	-0.00078	-0.00078	0	0
73	KICKER1	PY	-0.00078	-0.00078	0	0
74	INNER8	PY	-0.00078	-0.00078	0	0
75	INNER7	PY	-0.00078	-0.00078	0	0
76	INNER6	PY	-0.00078	-0.00078	0	0
77	INNER5	PY	-0.00078	-0.00078	0	0



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Member Distributed Loads (BLC 25 : Maintenance (300)) (Continued)

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]	
78	INNER4	PY	-0.00078	-0.00078	0	0
79	INNER3	PY	-0.00078	-0.00078	0	0
80	INNER2	PY	-0.000471	-0.000471	0	0
81	INNER1	PY	-0.000471	-0.000471	0	0
82	HORIZ16	PY	-0.000471	-0.000471	0	0
83	HORIZ15	PY	-0.000471	-0.000471	0	0
84	HORIZ14	PY	-0.000471	-0.000471	0	0
85	HORIZ13	PY	-0.000471	-0.000471	0	0
86	HORIZ6	PY	-0.000235	-0.000235	0	0
87	HORIZ5	PY	-0.000235	-0.000235	0	0
88	H DIAG8	PY	-0.000235	-0.000235	0	0
89	H DIAG7	PY	-0.000235	-0.000235	0	0
90	H DIAG6	PY	-0.000235	-0.000235	0	0
91	H DIAG5	PY	-0.000235	-0.000235	0	0
92	H DIAG4	PY	-0.000235	-0.000235	0	0
93	H DIAG3	PY	-0.000235	-0.000235	0	0
94	H DIAG2	PY	-0.000325	-0.000325	0	0
95	H DIAG1	PY	-0.00078	-0.00078	0	0
96	GAMMATIEBACK1	PY	-0.00078	-0.00078	0	0
97	FACEC6	PY	-0.00078	-0.00078	0	0
98	FACEC5	PY	-0.00078	-0.00078	0	0
99	FACEC4	PY	-0.00078	-0.00078	0	0
100	FACEC3	PY	-0.00078	-0.00078	0	0
101	FACEC2	PY	-0.00078	-0.00078	0	0
102	FACEC1	PY	-0.00078	-0.00078	0	0
103	FACEA6	PY	-0.00078	-0.00078	0	0
104	FACEA5	PY	-0.00078	-0.00078	0	0
105	FACEA4	PY	-0.00078	-0.00078	0	0
106	FACEA3	PY	-0.00078	-0.00078	0	0
107	FACEA2	PY	-0.00078	-0.00078	0	0
108	FACEA1	PY	-0.00078	-0.00078	0	0
109	FACE12	PY	-0.00078	-0.00078	0	0
110	FACE11	PY	-0.00078	-0.00078	0	0
111	FACE10	PY	-0.00078	-0.00078	0	0
112	FACE9	PY	-0.00078	-0.00078	0	0
113	FACE8	PY	-0.00078	-0.00078	0	0
114	FACE7	PY	-0.00078	-0.00078	0	0
115	FACE6	PY	-0.00078	-0.00078	0	0
116	FACE5	PY	-0.00078	-0.00078	0	0
117	FACE4	PY	-0.00078	-0.00078	0	0
118	FACE3	PY	-0.00078	-0.00078	0	0
119	FACE2	PY	-0.000325	-0.000325	0	0
120	FACE1	PY	-0.000471	-0.000471	0	0
121	DELTA TIEBACK1	PY	-0.000471	-0.000471	0	0
122	ANGLE4	PY	-0.001	-0.001	0	0
123	ANGLE3	PY	-0.001	-0.001	0	0
124	ANG FACE8	PY	-0.001	-0.001	0	0
125	ANG FACE5	PY	-0.001	-0.001	0	0
126	ANG FACE4	PY	-0.001	-0.001	0	0
127	ANG FACE1	PY	-0.001	-0.001	0	0
128	VERTC5	PX	.000816	.000816	0	0
129	VERTC4	PX	.000816	.000816	0	0
130	VERTC3	PX	.000816	.000816	0	0
131	VERTC2	PX	.000816	.000816	0	0
132	VERTC1	PX	.000816	.000816	0	0
133	VERTA5	PX	.000816	.000816	0	0
134	VERTA4	PX	.000816	.000816	0	0



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Member Distributed Loads (BLC 25 : Maintenance (300)) (Continued)

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]	
135	VERTA3	PX	.000816	.000816	0	0
136	VERTA2	PX	.000816	.000816	0	0
137	VERTA1	PX	.000816	.000816	0	0
138	VERT28	PX	.000816	.000816	0	0
139	VERT27	PX	.000816	.000816	0	0
140	VERT26	PX	.000816	.000816	0	0
141	VERT25	PX	.000816	.000816	0	0
142	VERT24	PX	.000816	.000816	0	0
143	VERT23	PX	.000816	.000816	0	0
144	VERT22	PX	.000816	.000816	0	0
145	VERT13	PX	.000816	.000816	0	0
146	VERT12	PX	.000816	.000816	0	0
147	VERT11	PX	.000816	.000816	0	0
148	VERT10	PX	.000816	.000816	0	0
149	VERT9	PX	.000816	.000816	0	0
150	VERT8	PX	.000816	.000816	0	0
151	SODIAG1D	PX	.000816	.000816	0	0
152	SODIAG1C	PX	.000816	.000816	0	0
153	SO2D	PX	.000816	.000816	0	0
154	SO2C	PX	.000816	.000816	0	0
155	SO1D	PX	.000816	.000816	0	0
156	SO1C	PX	.000816	.000816	0	0
157	RAIL14	PX	.000816	.000816	0	0
158	RAIL13	PX	.000816	.000816	0	0
159	RAIL6	PX	.000816	.000816	0	0
160	RAIL5	PX	.000816	.000816	0	0
161	PL8	PX	.001	.001	0	0
162	PL7	PX	.001	.001	0	0
163	PL5	PX	.001	.001	0	0
164	PL4	PX	.001	.001	0	0
165	PL1	PX	.001	.001	0	0
166	PIPE1D	PX	.000563	.000563	0	0
167	PIPE1C	PX	.000563	.000563	0	0
168	MTIEBACK	PX	.000281	.000281	0	0
169	MSTAB6	PX	.000408	.000408	0	0
170	MSTAB5	PX	.000408	.000408	0	0
171	MSTAB4	PX	.000408	.000408	0	0
172	MSTAB3	PX	.000408	.000408	0	0
173	MSTAB2	PX	.000408	.000408	0	0
174	MSTAB1	PX	.000408	.000408	0	0
175	MRAIL3	PX	.000343	.000343	0	0
176	MRAIL2	PX	.000343	.000343	0	0
177	MRAIL1	PX	.000343	.000343	0	0
178	MP GAMMA3	PX	.000566	.000566	0	0
179	MP GAMMA2	PX	.000566	.000566	0	0
180	MP GAMMA1	PX	.000566	.000566	0	0
181	MP BETA3	PX	.000566	.000566	0	0
182	MP BETA2	PX	.000566	.000566	0	0
183	MP BETA1	PX	.000566	.000566	0	0
184	MP ALPHA3	PX	.000566	.000566	0	0
185	MP ALPHA2	PX	.000566	.000566	0	0
186	MP ALPHA1	PX	.000566	.000566	0	0
187	MID RAIL8	PX	.000816	.000816	0	0
188	MID RAIL7	PX	.000816	.000816	0	0
189	MID RAIL4	PX	.000816	.000816	0	0
190	MID RAIL3	PX	.000816	.000816	0	0
191	M170	PX	.002	.002	0	0



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Member Distributed Loads (BLC 25 : Maintenance (300)) (Continued)

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]	
192	M169	PX	.000816	.000816	0	0
193	KICKER8	PX	.000816	.000816	0	0
194	KICKER7	PX	.000816	.000816	0	0
195	KICKER6	PX	.000816	.000816	0	0
196	KICKER5	PX	.000816	.000816	0	0
197	KICKER4	PX	.000816	.000816	0	0
198	KICKER3	PX	.000816	.000816	0	0
199	KICKER2	PX	.001	.001	0	0
200	KICKER1	PX	.001	.001	0	0
201	INNER8	PX	.001	.001	0	0
202	INNER7	PX	.001	.001	0	0
203	INNER6	PX	.001	.001	0	0
204	INNER5	PX	.001	.001	0	0
205	INNER4	PX	.001	.001	0	0
206	INNER3	PX	.001	.001	0	0
207	INNER2	PX	.000816	.000816	0	0
208	INNER1	PX	.000816	.000816	0	0
209	HORIZ16	PX	.000816	.000816	0	0
210	HORIZ15	PX	.000816	.000816	0	0
211	HORIZ14	PX	.000816	.000816	0	0
212	HORIZ13	PX	.000816	.000816	0	0
213	HORIZ6	PX	.000408	.000408	0	0
214	HORIZ5	PX	.000408	.000408	0	0
215	H DIAG8	PX	.000408	.000408	0	0
216	H DIAG7	PX	.000408	.000408	0	0
217	H DIAG6	PX	.000408	.000408	0	0
218	H DIAG5	PX	.000408	.000408	0	0
219	H DIAG4	PX	.000408	.000408	0	0
220	H DIAG3	PX	.000408	.000408	0	0
221	H DIAG2	PX	.000563	.000563	0	0
222	H DIAG1	PX	.001	.001	0	0
223	GAMMATIEBACK1	PX	.001	.001	0	0
224	FACEC6	PX	.001	.001	0	0
225	FACEC5	PX	.001	.001	0	0
226	FACEC4	PX	.001	.001	0	0
227	FACEC3	PX	.001	.001	0	0
228	FACEC2	PX	.001	.001	0	0
229	FACEC1	PX	.001	.001	0	0
230	FACEA6	PX	.001	.001	0	0
231	FACEA5	PX	.001	.001	0	0
232	FACEA4	PX	.001	.001	0	0
233	FACEA3	PX	.001	.001	0	0
234	FACEA2	PX	.001	.001	0	0
235	FACEA1	PX	.001	.001	0	0
236	FACE12	PX	.001	.001	0	0
237	FACE11	PX	.001	.001	0	0
238	FACE10	PX	.001	.001	0	0
239	FACE9	PX	.001	.001	0	0
240	FACE8	PX	.001	.001	0	0
241	FACE7	PX	.001	.001	0	0
242	FACE6	PX	.001	.001	0	0
243	FACE5	PX	.001	.001	0	0
244	FACE4	PX	.001	.001	0	0
245	FACE3	PX	.001	.001	0	0
246	FACE2	PX	.000563	.000563	0	0
247	FACE1	PX	.000816	.000816	0	0
248	DELTA TIEBACK1	PX	.000816	.000816	0	0



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Member Distributed Loads (BLC 25 : Maintenance (300)) (Continued)

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]	
249	ANGLE4	PX	.002	.002	0	0
250	ANGLE3	PX	.002	.002	0	0
251	ANG FACE8	PX	.002	.002	0	0
252	ANG FACE5	PX	.002	.002	0	0
253	ANG FACE4	PX	.002	.002	0	0
254	ANG FACE1	PX	.002	.002	0	0

Member Distributed Loads (BLC 26 : Maintenance (330))

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]	
1	VERTC5	PY	-.000816	-.000816	0	0
2	VERTC4	PY	-.000816	-.000816	0	0
3	VERTC3	PY	-.000816	-.000816	0	0
4	VERTC2	PY	-.000816	-.000816	0	0
5	VERTC1	PY	-.000816	-.000816	0	0
6	VERTA5	PY	-.000816	-.000816	0	0
7	VERTA4	PY	-.000816	-.000816	0	0
8	VERTA3	PY	-.000816	-.000816	0	0
9	VERTA2	PY	-.000816	-.000816	0	0
10	VERTA1	PY	-.000816	-.000816	0	0
11	VERT28	PY	-.000816	-.000816	0	0
12	VERT27	PY	-.000816	-.000816	0	0
13	VERT26	PY	-.000816	-.000816	0	0
14	VERT25	PY	-.000816	-.000816	0	0
15	VERT24	PY	-.000816	-.000816	0	0
16	VERT23	PY	-.000816	-.000816	0	0
17	VERT22	PY	-.000816	-.000816	0	0
18	VERT13	PY	-.000816	-.000816	0	0
19	VERT12	PY	-.000816	-.000816	0	0
20	VERT11	PY	-.000816	-.000816	0	0
21	VERT10	PY	-.000816	-.000816	0	0
22	VERT9	PY	-.000816	-.000816	0	0
23	VERT8	PY	-.000816	-.000816	0	0
24	SODIAG1D	PY	-.000816	-.000816	0	0
25	SODIAG1C	PY	-.000816	-.000816	0	0
26	SO2D	PY	-.000816	-.000816	0	0
27	SO2C	PY	-.000816	-.000816	0	0
28	SO1D	PY	-.000816	-.000816	0	0
29	SO1C	PY	-.000816	-.000816	0	0
30	RAIL14	PY	-.000816	-.000816	0	0
31	RAIL13	PY	-.000816	-.000816	0	0
32	RAIL6	PY	-.000816	-.000816	0	0
33	RAIL5	PY	-.000816	-.000816	0	0
34	PL8	PY	-.001	-.001	0	0
35	PL7	PY	-.001	-.001	0	0
36	PL5	PY	-.001	-.001	0	0
37	PL4	PY	-.001	-.001	0	0
38	PL1	PY	-.001	-.001	0	0
39	PIPE1D	PY	-.000563	-.000563	0	0
40	PIPE1C	PY	-.000563	-.000563	0	0
41	MTIEBACK	PY	-.000281	-.000281	0	0
42	MSTAB6	PY	-.000408	-.000408	0	0
43	MSTAB5	PY	-.000408	-.000408	0	0
44	MSTAB4	PY	-.000408	-.000408	0	0
45	MSTAB3	PY	-.000408	-.000408	0	0
46	MSTAB2	PY	-.000408	-.000408	0	0
47	MSTAB1	PY	-.000408	-.000408	0	0



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Member Distributed Loads (BLC 26 : Maintenance (330)) (Continued)

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]	
48	MRAIL3	PY	-0.00343	-0.00343	0	0
49	MRAIL2	PY	-0.00343	-0.00343	0	0
50	MRAIL1	PY	-0.00343	-0.00343	0	0
51	MP GAMMA3	PY	-0.00566	-0.00566	0	0
52	MP GAMMA2	PY	-0.00566	-0.00566	0	0
53	MP GAMMA1	PY	-0.00566	-0.00566	0	0
54	MP BETA3	PY	-0.00566	-0.00566	0	0
55	MP BETA2	PY	-0.00566	-0.00566	0	0
56	MP BETA1	PY	-0.00566	-0.00566	0	0
57	MP ALPHA3	PY	-0.00566	-0.00566	0	0
58	MP ALPHA2	PY	-0.00566	-0.00566	0	0
59	MP ALPHA1	PY	-0.00566	-0.00566	0	0
60	MID RAIL8	PY	-0.00816	-0.00816	0	0
61	MID RAIL7	PY	-0.00816	-0.00816	0	0
62	MID RAIL4	PY	-0.00816	-0.00816	0	0
63	MID RAIL3	PY	-0.00816	-0.00816	0	0
64	M170	PY	-0.002	-0.002	0	0
65	M169	PY	-0.00816	-0.00816	0	0
66	KICKER8	PY	-0.00816	-0.00816	0	0
67	KICKER7	PY	-0.00816	-0.00816	0	0
68	KICKER6	PY	-0.00816	-0.00816	0	0
69	KICKER5	PY	-0.00816	-0.00816	0	0
70	KICKER4	PY	-0.00816	-0.00816	0	0
71	KICKER3	PY	-0.00816	-0.00816	0	0
72	KICKER2	PY	-0.001	-0.001	0	0
73	KICKER1	PY	-0.001	-0.001	0	0
74	INNER8	PY	-0.001	-0.001	0	0
75	INNER7	PY	-0.001	-0.001	0	0
76	INNER6	PY	-0.001	-0.001	0	0
77	INNER5	PY	-0.001	-0.001	0	0
78	INNER4	PY	-0.001	-0.001	0	0
79	INNER3	PY	-0.001	-0.001	0	0
80	INNER2	PY	-0.00816	-0.00816	0	0
81	INNER1	PY	-0.00816	-0.00816	0	0
82	HORIZ16	PY	-0.00816	-0.00816	0	0
83	HORIZ15	PY	-0.00816	-0.00816	0	0
84	HORIZ14	PY	-0.00816	-0.00816	0	0
85	HORIZ13	PY	-0.00816	-0.00816	0	0
86	HORIZ6	PY	-0.00408	-0.00408	0	0
87	HORIZ5	PY	-0.00408	-0.00408	0	0
88	H DIAG8	PY	-0.00408	-0.00408	0	0
89	H DIAG7	PY	-0.00408	-0.00408	0	0
90	H DIAG6	PY	-0.00408	-0.00408	0	0
91	H DIAG5	PY	-0.00408	-0.00408	0	0
92	H DIAG4	PY	-0.00408	-0.00408	0	0
93	H DIAG3	PY	-0.00408	-0.00408	0	0
94	H DIAG2	PY	-0.00563	-0.00563	0	0
95	H DIAG1	PY	-0.001	-0.001	0	0
96	GAMMATIEBACK1	PY	-0.001	-0.001	0	0
97	FACEC6	PY	-0.001	-0.001	0	0
98	FACEC5	PY	-0.001	-0.001	0	0
99	FACEC4	PY	-0.001	-0.001	0	0
100	FACEC3	PY	-0.001	-0.001	0	0
101	FACEC2	PY	-0.001	-0.001	0	0
102	FACEC1	PY	-0.001	-0.001	0	0
103	FACEA6	PY	-0.001	-0.001	0	0
104	FACEA5	PY	-0.001	-0.001	0	0



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Member Distributed Loads (BLC 26 : Maintenance (330)) (Continued)

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]	
105	FACEA4	PY	-0.001	-0.001	0	0
106	FACEA3	PY	-0.001	-0.001	0	0
107	FACEA2	PY	-0.001	-0.001	0	0
108	FACEA1	PY	-0.001	-0.001	0	0
109	FACE12	PY	-0.001	-0.001	0	0
110	FACE11	PY	-0.001	-0.001	0	0
111	FACE10	PY	-0.001	-0.001	0	0
112	FACE9	PY	-0.001	-0.001	0	0
113	FACE8	PY	-0.001	-0.001	0	0
114	FACE7	PY	-0.001	-0.001	0	0
115	FACE6	PY	-0.001	-0.001	0	0
116	FACE5	PY	-0.001	-0.001	0	0
117	FACE4	PY	-0.001	-0.001	0	0
118	FACE3	PY	-0.001	-0.001	0	0
119	FACE2	PY	-0.00563	-0.00563	0	0
120	FACE1	PY	-0.00816	-0.00816	0	0
121	DELTA TIEBACK1	PY	-0.00816	-0.00816	0	0
122	ANGLE4	PY	-0.002	-0.002	0	0
123	ANGLE3	PY	-0.002	-0.002	0	0
124	ANG FACE8	PY	-0.002	-0.002	0	0
125	ANG FACE5	PY	-0.002	-0.002	0	0
126	ANG FACE4	PY	-0.002	-0.002	0	0
127	ANG FACE1	PY	-0.002	-0.002	0	0
128	VERTC5	PX	.000471	.000471	0	0
129	VERTC4	PX	.000471	.000471	0	0
130	VERTC3	PX	.000471	.000471	0	0
131	VERTC2	PX	.000471	.000471	0	0
132	VERTC1	PX	.000471	.000471	0	0
133	VERTA5	PX	.000471	.000471	0	0
134	VERTA4	PX	.000471	.000471	0	0
135	VERTA3	PX	.000471	.000471	0	0
136	VERTA2	PX	.000471	.000471	0	0
137	VERTA1	PX	.000471	.000471	0	0
138	VERT28	PX	.000471	.000471	0	0
139	VERT27	PX	.000471	.000471	0	0
140	VERT26	PX	.000471	.000471	0	0
141	VERT25	PX	.000471	.000471	0	0
142	VERT24	PX	.000471	.000471	0	0
143	VERT23	PX	.000471	.000471	0	0
144	VERT22	PX	.000471	.000471	0	0
145	VERT13	PX	.000471	.000471	0	0
146	VERT12	PX	.000471	.000471	0	0
147	VERT11	PX	.000471	.000471	0	0
148	VERT10	PX	.000471	.000471	0	0
149	VERT9	PX	.000471	.000471	0	0
150	VERT8	PX	.000471	.000471	0	0
151	SODIAG1D	PX	.000471	.000471	0	0
152	SODIAG1C	PX	.000471	.000471	0	0
153	SO2D	PX	.000471	.000471	0	0
154	SO2C	PX	.000471	.000471	0	0
155	SO1D	PX	.000471	.000471	0	0
156	SO1C	PX	.000471	.000471	0	0
157	RAIL14	PX	.000471	.000471	0	0
158	RAIL13	PX	.000471	.000471	0	0
159	RAIL6	PX	.000471	.000471	0	0
160	RAIL5	PX	.000471	.000471	0	0
161	PL8	PX	.000659	.000659	0	0



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Member Distributed Loads (BLC 26 : Maintenance (330)) (Continued)

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]	
162	PL7	PX	.000659	.000659	0	0
163	PL5	PX	.000659	.000659	0	0
164	PL4	PX	.000659	.000659	0	0
165	PL1	PX	.000659	.000659	0	0
166	PIPE1D	PX	.000325	.000325	0	0
167	PIPE1C	PX	.000325	.000325	0	0
168	MTIEBACK	PX	.000162	.000162	0	0
169	MSTAB6	PX	.000235	.000235	0	0
170	MSTAB5	PX	.000235	.000235	0	0
171	MSTAB4	PX	.000235	.000235	0	0
172	MSTAB3	PX	.000235	.000235	0	0
173	MSTAB2	PX	.000235	.000235	0	0
174	MSTAB1	PX	.000235	.000235	0	0
175	MRAIL3	PX	.000198	.000198	0	0
176	MRAIL2	PX	.000198	.000198	0	0
177	MRAIL1	PX	.000198	.000198	0	0
178	MP GAMMA3	PX	.000327	.000327	0	0
179	MP GAMMA2	PX	.000327	.000327	0	0
180	MP GAMMA1	PX	.000327	.000327	0	0
181	MP BETA3	PX	.000327	.000327	0	0
182	MP BETA2	PX	.000327	.000327	0	0
183	MP BETA1	PX	.000327	.000327	0	0
184	MP ALPHA3	PX	.000327	.000327	0	0
185	MP ALPHA2	PX	.000327	.000327	0	0
186	MP ALPHA1	PX	.000327	.000327	0	0
187	MID RAIL8	PX	.000471	.000471	0	0
188	MID RAIL7	PX	.000471	.000471	0	0
189	MID RAIL4	PX	.000471	.000471	0	0
190	MID RAIL3	PX	.000471	.000471	0	0
191	M170	PX	.001	.001	0	0
192	M169	PX	.000471	.000471	0	0
193	KICKER8	PX	.000471	.000471	0	0
194	KICKER7	PX	.000471	.000471	0	0
195	KICKER6	PX	.000471	.000471	0	0
196	KICKER5	PX	.000471	.000471	0	0
197	KICKER4	PX	.000471	.000471	0	0
198	KICKER3	PX	.000471	.000471	0	0
199	KICKER2	PX	.00078	.00078	0	0
200	KICKER1	PX	.00078	.00078	0	0
201	INNER8	PX	.00078	.00078	0	0
202	INNER7	PX	.00078	.00078	0	0
203	INNER6	PX	.00078	.00078	0	0
204	INNER5	PX	.00078	.00078	0	0
205	INNER4	PX	.00078	.00078	0	0
206	INNER3	PX	.00078	.00078	0	0
207	INNER2	PX	.000471	.000471	0	0
208	INNER1	PX	.000471	.000471	0	0
209	HORIZ16	PX	.000471	.000471	0	0
210	HORIZ15	PX	.000471	.000471	0	0
211	HORIZ14	PX	.000471	.000471	0	0
212	HORIZ13	PX	.000471	.000471	0	0
213	HORIZ6	PX	.000235	.000235	0	0
214	HORIZ5	PX	.000235	.000235	0	0
215	H DIAG8	PX	.000235	.000235	0	0
216	H DIAG7	PX	.000235	.000235	0	0
217	H DIAG6	PX	.000235	.000235	0	0
218	H DIAG5	PX	.000235	.000235	0	0



Member Distributed Loads (BLC 26 : Maintenance (330)) (Continued)

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]	
219	H DIAG4	PX	.000235	.000235	0	0
220	H DIAG3	PX	.000235	.000235	0	0
221	H DIAG2	PX	.000325	.000325	0	0
222	H DIAG1	PX	.00078	.00078	0	0
223	GAMMATIEBACK1	PX	.00078	.00078	0	0
224	FACEC6	PX	.00078	.00078	0	0
225	FACEC5	PX	.00078	.00078	0	0
226	FACEC4	PX	.00078	.00078	0	0
227	FACEC3	PX	.00078	.00078	0	0
228	FACEC2	PX	.00078	.00078	0	0
229	FACEC1	PX	.00078	.00078	0	0
230	FACEA6	PX	.00078	.00078	0	0
231	FACEA5	PX	.00078	.00078	0	0
232	FACEA4	PX	.00078	.00078	0	0
233	FACEA3	PX	.00078	.00078	0	0
234	FACEA2	PX	.00078	.00078	0	0
235	FACEA1	PX	.00078	.00078	0	0
236	FACE12	PX	.00078	.00078	0	0
237	FACE11	PX	.00078	.00078	0	0
238	FACE10	PX	.00078	.00078	0	0
239	FACE9	PX	.00078	.00078	0	0
240	FACE8	PX	.00078	.00078	0	0
241	FACE7	PX	.00078	.00078	0	0
242	FACE6	PX	.00078	.00078	0	0
243	FACE5	PX	.00078	.00078	0	0
244	FACE4	PX	.00078	.00078	0	0
245	FACE3	PX	.00078	.00078	0	0
246	FACE2	PX	.000325	.000325	0	0
247	FACE1	PX	.000471	.000471	0	0
248	DELTA TIEBACK1	PX	.000471	.000471	0	0
249	ANGLE4	PX	.001	.001	0	0
250	ANGLE3	PX	.001	.001	0	0
251	ANG FACE8	PX	.001	.001	0	0
252	ANG FACE5	PX	.001	.001	0	0
253	ANG FACE4	PX	.001	.001	0	0
254	ANG FACE1	PX	.001	.001	0	0

Member Distributed Loads (BLC 27 : Ice Dead Load)

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]	
1	VERTC5	Z	-.007	-.007	0	0
2	VERTC4	Z	-.007	-.007	0	0
3	VERTC3	Z	-.007	-.007	0	0
4	VERTC2	Z	-.007	-.007	0	0
5	VERTC1	Z	-.007	-.007	0	0
6	VERTA5	Z	-.007	-.007	0	0
7	VERTA4	Z	-.007	-.007	0	0
8	VERTA3	Z	-.007	-.007	0	0
9	VERTA2	Z	-.007	-.007	0	0
10	VERTA1	Z	-.007	-.007	0	0
11	VERT28	Z	-.007	-.007	0	0
12	VERT27	Z	-.007	-.007	0	0
13	VERT26	Z	-.007	-.007	0	0
14	VERT25	Z	-.007	-.007	0	0
15	VERT24	Z	-.007	-.007	0	0
16	VERT23	Z	-.007	-.007	0	0
17	VERT22	Z	-.007	-.007	0	0



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Member Distributed Loads (BLC 27 : Ice Dead Load) (Continued)

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]	
18	VERT13	Z	-0.007	-0.007	0	0
19	VERT12	Z	-0.007	-0.007	0	0
20	VERT11	Z	-0.007	-0.007	0	0
21	VERT10	Z	-0.007	-0.007	0	0
22	VERT9	Z	-0.007	-0.007	0	0
23	VERT8	Z	-0.007	-0.007	0	0
24	SODIAG1D	Z	-0.007	-0.007	0	0
25	SODIAG1C	Z	-0.007	-0.007	0	0
26	SO2D	Z	-0.007	-0.007	0	0
27	SO2C	Z	-0.007	-0.007	0	0
28	SO1D	Z	-0.007	-0.007	0	0
29	SO1C	Z	-0.007	-0.007	0	0
30	RAIL14	Z	-0.007	-0.007	0	0
31	RAIL13	Z	-0.007	-0.007	0	0
32	RAIL6	Z	-0.007	-0.007	0	0
33	RAIL5	Z	-0.007	-0.007	0	0
34	PL8	Z	-0.009	-0.009	0	0
35	PL7	Z	-0.009	-0.009	0	0
36	PL5	Z	-0.009	-0.009	0	0
37	PL4	Z	-0.009	-0.009	0	0
38	PL1	Z	-0.009	-0.009	0	0
39	PIPE1D	Z	-0.006	-0.006	0	0
40	PIPE1C	Z	-0.006	-0.006	0	0
41	MTIEBACK	Z	-0.006	-0.006	0	0
42	MSTAB6	Z	-0.007	-0.007	0	0
43	MSTAB5	Z	-0.007	-0.007	0	0
44	MSTAB4	Z	-0.007	-0.007	0	0
45	MSTAB3	Z	-0.007	-0.007	0	0
46	MSTAB2	Z	-0.007	-0.007	0	0
47	MSTAB1	Z	-0.007	-0.007	0	0
48	MRAIL3	Z	-0.007	-0.007	0	0
49	MRAIL2	Z	-0.007	-0.007	0	0
50	MRAIL1	Z	-0.007	-0.007	0	0
51	MP GAMMA3	Z	-0.006	-0.006	0	0
52	MP GAMMA2	Z	-0.006	-0.006	0	0
53	MP GAMMA1	Z	-0.006	-0.006	0	0
54	MP BETA3	Z	-0.006	-0.006	0	0
55	MP BETA2	Z	-0.006	-0.006	0	0
56	MP BETA1	Z	-0.006	-0.006	0	0
57	MP ALPHA3	Z	-0.006	-0.006	0	0
58	MP ALPHA2	Z	-0.006	-0.006	0	0
59	MP ALPHA1	Z	-0.006	-0.006	0	0
60	MID RAIL8	Z	-0.007	-0.007	0	0
61	MID RAIL7	Z	-0.007	-0.007	0	0
62	MID RAIL4	Z	-0.007	-0.007	0	0
63	MID RAIL3	Z	-0.007	-0.007	0	0
64	M170	Z	-0.022	-0.022	0	0
65	M169	Z	-0.009	-0.009	0	0
66	KICKER8	Z	-0.011	-0.011	0	0
67	KICKER7	Z	-0.011	-0.011	0	0
68	KICKER6	Z	-0.011	-0.011	0	0
69	KICKER5	Z	-0.011	-0.011	0	0
70	KICKER4	Z	-0.011	-0.011	0	0
71	KICKER3	Z	-0.011	-0.011	0	0
72	KICKER2	Z	-0.02	-0.02	0	0
73	KICKER1	Z	-0.02	-0.02	0	0
74	INNER8	Z	-0.02	-0.02	0	0



Member Distributed Loads (BLC 27 : Ice Dead Load) (Continued)

Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F,...	Start Location[ft, %]	End Location[ft, %]	
75	INNER7	Z	-0.02	-0.02	0	0
76	INNER6	Z	-0.02	-0.02	0	0
77	INNER5	Z	-0.02	-0.02	0	0
78	INNER4	Z	-0.02	-0.02	0	0
79	INNER3	Z	-0.02	-0.02	0	0
80	INNER2	Z	-0.007	-0.007	0	0
81	INNER1	Z	-0.007	-0.007	0	0
82	HORIZ16	Z	-0.007	-0.007	0	0
83	HORIZ15	Z	-0.007	-0.007	0	0
84	HORIZ14	Z	-0.007	-0.007	0	0
85	HORIZ13	Z	-0.007	-0.007	0	0
86	HORIZ6	Z	-0.007	-0.007	0	0
87	HORIZ5	Z	-0.007	-0.007	0	0
88	H DIAG8	Z	-0.007	-0.007	0	0
89	H DIAG7	Z	-0.007	-0.007	0	0
90	H DIAG6	Z	-0.007	-0.007	0	0
91	H DIAG5	Z	-0.007	-0.007	0	0
92	H DIAG4	Z	-0.007	-0.007	0	0
93	H DIAG3	Z	-0.007	-0.007	0	0
94	H DIAG2	Z	-0.006	-0.006	0	0
95	H DIAG1	Z	-0.02	-0.02	0	0
96	GAMMATIEBACK1	Z	-0.02	-0.02	0	0
97	FACEC6	Z	-0.02	-0.02	0	0
98	FACEC5	Z	-0.02	-0.02	0	0
99	FACEC4	Z	-0.02	-0.02	0	0
100	FACEC3	Z	-0.02	-0.02	0	0
101	FACEC2	Z	-0.02	-0.02	0	0
102	FACEC1	Z	-0.02	-0.02	0	0
103	FACEA6	Z	-0.02	-0.02	0	0
104	FACEA5	Z	-0.02	-0.02	0	0
105	FACEA4	Z	-0.02	-0.02	0	0
106	FACEA3	Z	-0.02	-0.02	0	0
107	FACEA2	Z	-0.02	-0.02	0	0
108	FACEA1	Z	-0.02	-0.02	0	0
109	FACE12	Z	-0.02	-0.02	0	0
110	FACE11	Z	-0.02	-0.02	0	0
111	FACE10	Z	-0.02	-0.02	0	0
112	FACE9	Z	-0.02	-0.02	0	0
113	FACE8	Z	-0.02	-0.02	0	0
114	FACE7	Z	-0.02	-0.02	0	0
115	FACE6	Z	-0.02	-0.02	0	0
116	FACE5	Z	-0.02	-0.02	0	0
117	FACE4	Z	-0.02	-0.02	0	0
118	FACE3	Z	-0.02	-0.02	0	0
119	FACE2	Z	-0.006	-0.006	0	0
120	FACE1	Z	-0.009	-0.009	0	0
121	DELTA TIEBACK1	Z	-0.009	-0.009	0	0
122	ANGLE4	Z	-0.022	-0.022	0	0
123	ANGLE3	Z	-0.022	-0.022	0	0
124	ANG FACE8	Z	-0.022	-0.022	0	0
125	ANG FACE5	Z	-0.022	-0.022	0	0
126	ANG FACE4	Z	-0.022	-0.022	0	0
127	ANG FACE1	Z	-0.022	-0.022	0	0

Member Distributed Loads (BLC 28 : Ice Wind Load (0))

Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F,...	Start Location[ft, %]	End Location[ft, %]
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Member Distributed Loads (BLC 28 : Ice Wind Load (0)) (Continued)

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]	
1	VERTC5	PY	-0.005	-0.005	0	0
2	VERTC4	PY	-0.005	-0.005	0	0
3	VERTC3	PY	-0.005	-0.005	0	0
4	VERTC2	PY	-0.005	-0.005	0	0
5	VERTC1	PY	-0.005	-0.005	0	0
6	VERTA5	PY	-0.005	-0.005	0	0
7	VERTA4	PY	-0.005	-0.005	0	0
8	VERTA3	PY	-0.005	-0.005	0	0
9	VERTA2	PY	-0.005	-0.005	0	0
10	VERTA1	PY	-0.005	-0.005	0	0
11	VERT28	PY	-0.005	-0.005	0	0
12	VERT27	PY	-0.005	-0.005	0	0
13	VERT26	PY	-0.005	-0.005	0	0
14	VERT25	PY	-0.005	-0.005	0	0
15	VERT24	PY	-0.005	-0.005	0	0
16	VERT23	PY	-0.005	-0.005	0	0
17	VERT22	PY	-0.005	-0.005	0	0
18	VERT13	PY	-0.005	-0.005	0	0
19	VERT12	PY	-0.005	-0.005	0	0
20	VERT11	PY	-0.005	-0.005	0	0
21	VERT10	PY	-0.005	-0.005	0	0
22	VERT9	PY	-0.005	-0.005	0	0
23	VERT8	PY	-0.005	-0.005	0	0
24	SODIAG1D	PY	-0.005	-0.005	0	0
25	SODIAG1C	PY	-0.005	-0.005	0	0
26	SO2D	PY	-0.005	-0.005	0	0
27	SO2C	PY	-0.005	-0.005	0	0
28	SO1D	PY	-0.005	-0.005	0	0
29	SO1C	PY	-0.005	-0.005	0	0
30	RAIL14	PY	-0.005	-0.005	0	0
31	RAIL13	PY	-0.005	-0.005	0	0
32	RAIL6	PY	-0.005	-0.005	0	0
33	RAIL5	PY	-0.005	-0.005	0	0
34	PL8	PY	-0.005	-0.005	0	0
35	PL7	PY	-0.005	-0.005	0	0
36	PL5	PY	-0.005	-0.005	0	0
37	PL4	PY	-0.005	-0.005	0	0
38	PL1	PY	-0.005	-0.005	0	0
39	PIPE1D	PY	-0.003	-0.003	0	0
40	PIPE1C	PY	-0.003	-0.003	0	0
41	MTIEBACK	PY	-0.002	-0.002	0	0
42	MSTAB6	PY	-0.003	-0.003	0	0
43	MSTAB5	PY	-0.003	-0.003	0	0
44	MSTAB4	PY	-0.003	-0.003	0	0
45	MSTAB3	PY	-0.003	-0.003	0	0
46	MSTAB2	PY	-0.003	-0.003	0	0
47	MSTAB1	PY	-0.003	-0.003	0	0
48	MRAIL3	PY	-0.002	-0.002	0	0
49	MRAIL2	PY	-0.002	-0.002	0	0
50	MRAIL1	PY	-0.002	-0.002	0	0
51	MP GAMMA3	PY	-0.003	-0.003	0	0
52	MP GAMMA2	PY	-0.003	-0.003	0	0
53	MP GAMMA1	PY	-0.003	-0.003	0	0
54	MP BETA3	PY	-0.003	-0.003	0	0
55	MP BETA2	PY	-0.003	-0.003	0	0
56	MP BETA1	PY	-0.003	-0.003	0	0
57	MP ALPHA3	PY	-0.003	-0.003	0	0



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Member Distributed Loads (BLC 28 : Ice Wind Load (0)) (Continued)

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]	
58	MP ALPHA2	PY	-0.003	-0.003	0	0
59	MP ALPHA1	PY	-0.003	-0.003	0	0
60	MID RAIL8	PY	-0.005	-0.005	0	0
61	MID RAIL7	PY	-0.005	-0.005	0	0
62	MID RAIL4	PY	-0.005	-0.005	0	0
63	MID RAIL3	PY	-0.005	-0.005	0	0
64	M170	PY	-0.008	-0.008	0	0
65	M169	PY	-0.004	-0.004	0	0
66	KICKER8	PY	-0.005	-0.005	0	0
67	KICKER7	PY	-0.005	-0.005	0	0
68	KICKER6	PY	-0.005	-0.005	0	0
69	KICKER5	PY	-0.005	-0.005	0	0
70	KICKER4	PY	-0.005	-0.005	0	0
71	KICKER3	PY	-0.005	-0.005	0	0
72	KICKER2	PY	-0.006	-0.006	0	0
73	KICKER1	PY	-0.006	-0.006	0	0
74	INNER8	PY	-0.006	-0.006	0	0
75	INNER7	PY	-0.006	-0.006	0	0
76	INNER6	PY	-0.006	-0.006	0	0
77	INNER5	PY	-0.006	-0.006	0	0
78	INNER4	PY	-0.006	-0.006	0	0
79	INNER3	PY	-0.006	-0.006	0	0
80	INNER2	PY	-0.005	-0.005	0	0
81	INNER1	PY	-0.005	-0.005	0	0
82	HORIZ16	PY	-0.005	-0.005	0	0
83	HORIZ15	PY	-0.005	-0.005	0	0
84	HORIZ14	PY	-0.005	-0.005	0	0
85	HORIZ13	PY	-0.005	-0.005	0	0
86	HORIZ6	PY	-0.003	-0.003	0	0
87	HORIZ5	PY	-0.003	-0.003	0	0
88	H DIAG8	PY	-0.003	-0.003	0	0
89	H DIAG7	PY	-0.003	-0.003	0	0
90	H DIAG6	PY	-0.003	-0.003	0	0
91	H DIAG5	PY	-0.003	-0.003	0	0
92	H DIAG4	PY	-0.003	-0.003	0	0
93	H DIAG3	PY	-0.003	-0.003	0	0
94	H DIAG2	PY	-0.003	-0.003	0	0
95	H DIAG1	PY	-0.006	-0.006	0	0
96	GAMMATIEBACK1	PY	-0.006	-0.006	0	0
97	FACEC6	PY	-0.006	-0.006	0	0
98	FACEC5	PY	-0.006	-0.006	0	0
99	FACEC4	PY	-0.006	-0.006	0	0
100	FACEC3	PY	-0.006	-0.006	0	0
101	FACEC2	PY	-0.006	-0.006	0	0
102	FACEC1	PY	-0.006	-0.006	0	0
103	FACEA6	PY	-0.006	-0.006	0	0
104	FACEA5	PY	-0.006	-0.006	0	0
105	FACEA4	PY	-0.006	-0.006	0	0
106	FACEA3	PY	-0.006	-0.006	0	0
107	FACEA2	PY	-0.006	-0.006	0	0
108	FACEA1	PY	-0.006	-0.006	0	0
109	FACE12	PY	-0.006	-0.006	0	0
110	FACE11	PY	-0.006	-0.006	0	0
111	FACE10	PY	-0.006	-0.006	0	0
112	FACE9	PY	-0.006	-0.006	0	0
113	FACE8	PY	-0.006	-0.006	0	0
114	FACE7	PY	-0.006	-0.006	0	0



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Member Distributed Loads (BLC 28 : Ice Wind Load (0)) (Continued)

	Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]
115	FACE6	PY	-0.006	-0.006	0	0
116	FACE5	PY	-0.006	-0.006	0	0
117	FACE4	PY	-0.006	-0.006	0	0
118	FACE3	PY	-0.006	-0.006	0	0
119	FACE2	PY	-0.003	-0.003	0	0
120	FACE1	PY	-0.004	-0.004	0	0
121	DELTA TIEBACK1	PY	-0.004	-0.004	0	0
122	ANGLE4	PY	-0.008	-0.008	0	0
123	ANGLE3	PY	-0.008	-0.008	0	0
124	ANG FACE8	PY	-0.008	-0.008	0	0
125	ANG FACE5	PY	-0.008	-0.008	0	0
126	ANG FACE4	PY	-0.008	-0.008	0	0
127	ANG FACE1	PY	-0.008	-0.008	0	0

Member Distributed Loads (BLC 29 : Ice Wind Load (30))

	Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]
1	VERTC5	PY	-0.004	-0.004	0	0
2	VERTC4	PY	-0.004	-0.004	0	0
3	VERTC3	PY	-0.004	-0.004	0	0
4	VERTC2	PY	-0.004	-0.004	0	0
5	VERTC1	PY	-0.004	-0.004	0	0
6	VERTA5	PY	-0.004	-0.004	0	0
7	VERTA4	PY	-0.004	-0.004	0	0
8	VERTA3	PY	-0.004	-0.004	0	0
9	VERTA2	PY	-0.004	-0.004	0	0
10	VERTA1	PY	-0.004	-0.004	0	0
11	VERT28	PY	-0.004	-0.004	0	0
12	VERT27	PY	-0.004	-0.004	0	0
13	VERT26	PY	-0.004	-0.004	0	0
14	VERT25	PY	-0.004	-0.004	0	0
15	VERT24	PY	-0.004	-0.004	0	0
16	VERT23	PY	-0.004	-0.004	0	0
17	VERT22	PY	-0.004	-0.004	0	0
18	VERT13	PY	-0.004	-0.004	0	0
19	VERT12	PY	-0.004	-0.004	0	0
20	VERT11	PY	-0.004	-0.004	0	0
21	VERT10	PY	-0.004	-0.004	0	0
22	VERT9	PY	-0.004	-0.004	0	0
23	VERT8	PY	-0.004	-0.004	0	0
24	SODIAG1D	PY	-0.004	-0.004	0	0
25	SODIAG1C	PY	-0.004	-0.004	0	0
26	SO2D	PY	-0.004	-0.004	0	0
27	SO2C	PY	-0.004	-0.004	0	0
28	SO1D	PY	-0.004	-0.004	0	0
29	SO1C	PY	-0.004	-0.004	0	0
30	RAIL14	PY	-0.004	-0.004	0	0
31	RAIL13	PY	-0.004	-0.004	0	0
32	RAIL6	PY	-0.004	-0.004	0	0
33	RAIL5	PY	-0.004	-0.004	0	0
34	PL8	PY	-0.004	-0.004	0	0
35	PL7	PY	-0.004	-0.004	0	0
36	PL5	PY	-0.004	-0.004	0	0
37	PL4	PY	-0.004	-0.004	0	0
38	PL1	PY	-0.004	-0.004	0	0
39	PIPE1D	PY	-0.003	-0.003	0	0
40	PIPE1C	PY	-0.003	-0.003	0	0



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Member Distributed Loads (BLC 29 : Ice Wind Load (30)) (Continued)

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]	
41	MTIEBACK	PY	-0.01	-0.01	0	0
42	MSTAB6	PY	-0.002	-0.002	0	0
43	MSTAB5	PY	-0.002	-0.002	0	0
44	MSTAB4	PY	-0.002	-0.002	0	0
45	MSTAB3	PY	-0.002	-0.002	0	0
46	MSTAB2	PY	-0.002	-0.002	0	0
47	MSTAB1	PY	-0.002	-0.002	0	0
48	MRAIL3	PY	-0.002	-0.002	0	0
49	MRAIL2	PY	-0.002	-0.002	0	0
50	MRAIL1	PY	-0.002	-0.002	0	0
51	MP GAMMA3	PY	-0.003	-0.003	0	0
52	MP GAMMA2	PY	-0.003	-0.003	0	0
53	MP GAMMA1	PY	-0.003	-0.003	0	0
54	MP BETA3	PY	-0.003	-0.003	0	0
55	MP BETA2	PY	-0.003	-0.003	0	0
56	MP BETA1	PY	-0.003	-0.003	0	0
57	MP ALPHA3	PY	-0.003	-0.003	0	0
58	MP ALPHA2	PY	-0.003	-0.003	0	0
59	MP ALPHA1	PY	-0.003	-0.003	0	0
60	MID RAIL8	PY	-0.004	-0.004	0	0
61	MID RAIL7	PY	-0.004	-0.004	0	0
62	MID RAIL4	PY	-0.004	-0.004	0	0
63	MID RAIL3	PY	-0.004	-0.004	0	0
64	M170	PY	-0.007	-0.007	0	0
65	M169	PY	-0.003	-0.003	0	0
66	KICKER8	PY	-0.004	-0.004	0	0
67	KICKER7	PY	-0.004	-0.004	0	0
68	KICKER6	PY	-0.004	-0.004	0	0
69	KICKER5	PY	-0.004	-0.004	0	0
70	KICKER4	PY	-0.004	-0.004	0	0
71	KICKER3	PY	-0.004	-0.004	0	0
72	KICKER2	PY	-0.005	-0.005	0	0
73	KICKER1	PY	-0.005	-0.005	0	0
74	INNER8	PY	-0.005	-0.005	0	0
75	INNER7	PY	-0.005	-0.005	0	0
76	INNER6	PY	-0.005	-0.005	0	0
77	INNER5	PY	-0.005	-0.005	0	0
78	INNER4	PY	-0.005	-0.005	0	0
79	INNER3	PY	-0.005	-0.005	0	0
80	INNER2	PY	-0.004	-0.004	0	0
81	INNER1	PY	-0.004	-0.004	0	0
82	HORIZ16	PY	-0.004	-0.004	0	0
83	HORIZ15	PY	-0.004	-0.004	0	0
84	HORIZ14	PY	-0.004	-0.004	0	0
85	HORIZ13	PY	-0.004	-0.004	0	0
86	HORIZ6	PY	-0.002	-0.002	0	0
87	HORIZ5	PY	-0.002	-0.002	0	0
88	H DIAG8	PY	-0.002	-0.002	0	0
89	H DIAG7	PY	-0.002	-0.002	0	0
90	H DIAG6	PY	-0.002	-0.002	0	0
91	H DIAG5	PY	-0.002	-0.002	0	0
92	H DIAG4	PY	-0.002	-0.002	0	0
93	H DIAG3	PY	-0.002	-0.002	0	0
94	H DIAG2	PY	-0.003	-0.003	0	0
95	H DIAG1	PY	-0.005	-0.005	0	0
96	GAMMATIEBACK1	PY	-0.005	-0.005	0	0
97	FACEC6	PY	-0.005	-0.005	0	0



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Member Distributed Loads (BLC 29 : Ice Wind Load (30)) (Continued)

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]	
98	FACEC5	PY	-0.005	-0.005	0	0
99	FACEC4	PY	-0.005	-0.005	0	0
100	FACEC3	PY	-0.005	-0.005	0	0
101	FACEC2	PY	-0.005	-0.005	0	0
102	FACEC1	PY	-0.005	-0.005	0	0
103	FACEA6	PY	-0.005	-0.005	0	0
104	FACEA5	PY	-0.005	-0.005	0	0
105	FACEA4	PY	-0.005	-0.005	0	0
106	FACEA3	PY	-0.005	-0.005	0	0
107	FACEA2	PY	-0.005	-0.005	0	0
108	FACEA1	PY	-0.005	-0.005	0	0
109	FACE12	PY	-0.005	-0.005	0	0
110	FACE11	PY	-0.005	-0.005	0	0
111	FACE10	PY	-0.005	-0.005	0	0
112	FACE9	PY	-0.005	-0.005	0	0
113	FACE8	PY	-0.005	-0.005	0	0
114	FACE7	PY	-0.005	-0.005	0	0
115	FACE6	PY	-0.005	-0.005	0	0
116	FACE5	PY	-0.005	-0.005	0	0
117	FACE4	PY	-0.005	-0.005	0	0
118	FACE3	PY	-0.005	-0.005	0	0
119	FACE2	PY	-0.003	-0.003	0	0
120	FACE1	PY	-0.003	-0.003	0	0
121	DELTA TIEBACK1	PY	-0.003	-0.003	0	0
122	ANGLE4	PY	-0.007	-0.007	0	0
123	ANGLE3	PY	-0.007	-0.007	0	0
124	ANG FACE8	PY	-0.007	-0.007	0	0
125	ANG FACE5	PY	-0.007	-0.007	0	0
126	ANG FACE4	PY	-0.007	-0.007	0	0
127	ANG FACE1	PY	-0.007	-0.007	0	0
128	VERTC5	PX	-0.003	-0.003	0	0
129	VERTC4	PX	-0.003	-0.003	0	0
130	VERTC3	PX	-0.003	-0.003	0	0
131	VERTC2	PX	-0.003	-0.003	0	0
132	VERTC1	PX	-0.003	-0.003	0	0
133	VERTA5	PX	-0.003	-0.003	0	0
134	VERTA4	PX	-0.003	-0.003	0	0
135	VERTA3	PX	-0.003	-0.003	0	0
136	VERTA2	PX	-0.003	-0.003	0	0
137	VERTA1	PX	-0.003	-0.003	0	0
138	VERT28	PX	-0.003	-0.003	0	0
139	VERT27	PX	-0.003	-0.003	0	0
140	VERT26	PX	-0.003	-0.003	0	0
141	VERT25	PX	-0.003	-0.003	0	0
142	VERT24	PX	-0.003	-0.003	0	0
143	VERT23	PX	-0.003	-0.003	0	0
144	VERT22	PX	-0.003	-0.003	0	0
145	VERT13	PX	-0.003	-0.003	0	0
146	VERT12	PX	-0.003	-0.003	0	0
147	VERT11	PX	-0.003	-0.003	0	0
148	VERT10	PX	-0.003	-0.003	0	0
149	VERT9	PX	-0.003	-0.003	0	0
150	VERT8	PX	-0.003	-0.003	0	0
151	SODIAG1D	PX	-0.003	-0.003	0	0
152	SODIAG1C	PX	-0.003	-0.003	0	0
153	SO2D	PX	-0.003	-0.003	0	0
154	SO2C	PX	-0.003	-0.003	0	0



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Member Distributed Loads (BLC 29 : Ice Wind Load (30)) (Continued)

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]	
155	SO1D	PX	-0.003	-0.003	0	0
156	SO1C	PX	-0.003	-0.003	0	0
157	RAIL14	PX	-0.003	-0.003	0	0
158	RAIL13	PX	-0.003	-0.003	0	0
159	RAIL6	PX	-0.003	-0.003	0	0
160	RAIL5	PX	-0.003	-0.003	0	0
161	PL8	PX	-0.002	-0.002	0	0
162	PL7	PX	-0.002	-0.002	0	0
163	PL5	PX	-0.002	-0.002	0	0
164	PL4	PX	-0.002	-0.002	0	0
165	PL1	PX	-0.002	-0.002	0	0
166	PIPE1D	PX	-0.002	-0.002	0	0
167	PIPE1C	PX	-0.002	-0.002	0	0
168	MTIEBACK	PX	-0.000825	-0.000825	0	0
169	MSTAB6	PX	-0.001	-0.001	0	0
170	MSTAB5	PX	-0.001	-0.001	0	0
171	MSTAB4	PX	-0.001	-0.001	0	0
172	MSTAB3	PX	-0.001	-0.001	0	0
173	MSTAB2	PX	-0.001	-0.001	0	0
174	MSTAB1	PX	-0.001	-0.001	0	0
175	MRAIL3	PX	-0.000923	-0.000923	0	0
176	MRAIL2	PX	-0.000923	-0.000923	0	0
177	MRAIL1	PX	-0.000923	-0.000923	0	0
178	MP GAMMA3	PX	-0.002	-0.002	0	0
179	MP GAMMA2	PX	-0.002	-0.002	0	0
180	MP GAMMA1	PX	-0.002	-0.002	0	0
181	MP BETA3	PX	-0.002	-0.002	0	0
182	MP BETA2	PX	-0.002	-0.002	0	0
183	MP BETA1	PX	-0.002	-0.002	0	0
184	MP ALPHA3	PX	-0.002	-0.002	0	0
185	MP ALPHA2	PX	-0.002	-0.002	0	0
186	MP ALPHA1	PX	-0.002	-0.002	0	0
187	MID RAIL8	PX	-0.003	-0.003	0	0
188	MID RAIL7	PX	-0.003	-0.003	0	0
189	MID RAIL4	PX	-0.003	-0.003	0	0
190	MID RAIL3	PX	-0.003	-0.003	0	0
191	M170	PX	-0.004	-0.004	0	0
192	M169	PX	-0.002	-0.002	0	0
193	KICKER8	PX	-0.003	-0.003	0	0
194	KICKER7	PX	-0.003	-0.003	0	0
195	KICKER6	PX	-0.003	-0.003	0	0
196	KICKER5	PX	-0.003	-0.003	0	0
197	KICKER4	PX	-0.003	-0.003	0	0
198	KICKER3	PX	-0.003	-0.003	0	0
199	KICKER2	PX	-0.003	-0.003	0	0
200	KICKER1	PX	-0.003	-0.003	0	0
201	INNER8	PX	-0.003	-0.003	0	0
202	INNER7	PX	-0.003	-0.003	0	0
203	INNER6	PX	-0.003	-0.003	0	0
204	INNER5	PX	-0.003	-0.003	0	0
205	INNER4	PX	-0.003	-0.003	0	0
206	INNER3	PX	-0.003	-0.003	0	0
207	INNER2	PX	-0.003	-0.003	0	0
208	INNER1	PX	-0.003	-0.003	0	0
209	HORIZ16	PX	-0.003	-0.003	0	0
210	HORIZ15	PX	-0.003	-0.003	0	0
211	HORIZ14	PX	-0.003	-0.003	0	0



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Member Distributed Loads (BLC 29 : Ice Wind Load (30)) (Continued)

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]	
212	HORIZ13	PX	-0.003	-0.003	0	0
213	HORIZ6	PX	-0.001	-0.001	0	0
214	HORIZ5	PX	-0.001	-0.001	0	0
215	H DIAG8	PX	-0.001	-0.001	0	0
216	H DIAG7	PX	-0.001	-0.001	0	0
217	H DIAG6	PX	-0.001	-0.001	0	0
218	H DIAG5	PX	-0.001	-0.001	0	0
219	H DIAG4	PX	-0.001	-0.001	0	0
220	H DIAG3	PX	-0.001	-0.001	0	0
221	H DIAG2	PX	-0.002	-0.002	0	0
222	H DIAG1	PX	-0.003	-0.003	0	0
223	GAMMATIEBACK1	PX	-0.003	-0.003	0	0
224	FACEC6	PX	-0.003	-0.003	0	0
225	FACEC5	PX	-0.003	-0.003	0	0
226	FACEC4	PX	-0.003	-0.003	0	0
227	FACEC3	PX	-0.003	-0.003	0	0
228	FACEC2	PX	-0.003	-0.003	0	0
229	FACEC1	PX	-0.003	-0.003	0	0
230	FACEA6	PX	-0.003	-0.003	0	0
231	FACEA5	PX	-0.003	-0.003	0	0
232	FACEA4	PX	-0.003	-0.003	0	0
233	FACEA3	PX	-0.003	-0.003	0	0
234	FACEA2	PX	-0.003	-0.003	0	0
235	FACEA1	PX	-0.003	-0.003	0	0
236	FACE12	PX	-0.003	-0.003	0	0
237	FACE11	PX	-0.003	-0.003	0	0
238	FACE10	PX	-0.003	-0.003	0	0
239	FACE9	PX	-0.003	-0.003	0	0
240	FACE8	PX	-0.003	-0.003	0	0
241	FACE7	PX	-0.003	-0.003	0	0
242	FACE6	PX	-0.003	-0.003	0	0
243	FACE5	PX	-0.003	-0.003	0	0
244	FACE4	PX	-0.003	-0.003	0	0
245	FACE3	PX	-0.003	-0.003	0	0
246	FACE2	PX	-0.002	-0.002	0	0
247	FACE1	PX	-0.002	-0.002	0	0
248	DELTA TIEBACK1	PX	-0.002	-0.002	0	0
249	ANGLE4	PX	-0.004	-0.004	0	0
250	ANGLE3	PX	-0.004	-0.004	0	0
251	ANG FACE8	PX	-0.004	-0.004	0	0
252	ANG FACE5	PX	-0.004	-0.004	0	0
253	ANG FACE4	PX	-0.004	-0.004	0	0
254	ANG FACE1	PX	-0.004	-0.004	0	0

Member Distributed Loads (BLC 30 : Ice Wind Load (60))

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]	
1	VERTC5	PY	-0.003	-0.003	0	0
2	VERTC4	PY	-0.003	-0.003	0	0
3	VERTC3	PY	-0.003	-0.003	0	0
4	VERTC2	PY	-0.003	-0.003	0	0
5	VERTC1	PY	-0.003	-0.003	0	0
6	VERTA5	PY	-0.003	-0.003	0	0
7	VERTA4	PY	-0.003	-0.003	0	0
8	VERTA3	PY	-0.003	-0.003	0	0
9	VERTA2	PY	-0.003	-0.003	0	0
10	VERTA1	PY	-0.003	-0.003	0	0



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Member Distributed Loads (BLC 30 : Ice Wind Load (60)) (Continued)

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]	
11	VERT28	PY	-0.003	-0.003	0	0
12	VERT27	PY	-0.003	-0.003	0	0
13	VERT26	PY	-0.003	-0.003	0	0
14	VERT25	PY	-0.003	-0.003	0	0
15	VERT24	PY	-0.003	-0.003	0	0
16	VERT23	PY	-0.003	-0.003	0	0
17	VERT22	PY	-0.003	-0.003	0	0
18	VERT13	PY	-0.003	-0.003	0	0
19	VERT12	PY	-0.003	-0.003	0	0
20	VERT11	PY	-0.003	-0.003	0	0
21	VERT10	PY	-0.003	-0.003	0	0
22	VERT9	PY	-0.003	-0.003	0	0
23	VERT8	PY	-0.003	-0.003	0	0
24	SODIAG1D	PY	-0.003	-0.003	0	0
25	SODIAG1C	PY	-0.003	-0.003	0	0
26	SO2D	PY	-0.003	-0.003	0	0
27	SO2C	PY	-0.003	-0.003	0	0
28	SO1D	PY	-0.003	-0.003	0	0
29	SO1C	PY	-0.003	-0.003	0	0
30	RAIL14	PY	-0.003	-0.003	0	0
31	RAIL13	PY	-0.003	-0.003	0	0
32	RAIL6	PY	-0.003	-0.003	0	0
33	RAIL5	PY	-0.003	-0.003	0	0
34	PL8	PY	-0.002	-0.002	0	0
35	PL7	PY	-0.002	-0.002	0	0
36	PL5	PY	-0.002	-0.002	0	0
37	PL4	PY	-0.002	-0.002	0	0
38	PL1	PY	-0.002	-0.002	0	0
39	PIPE1D	PY	-0.002	-0.002	0	0
40	PIPE1C	PY	-0.002	-0.002	0	0
41	MTIEBACK	PY	-0.000825	-0.000825	0	0
42	MSTAB6	PY	-0.001	-0.001	0	0
43	MSTAB5	PY	-0.001	-0.001	0	0
44	MSTAB4	PY	-0.001	-0.001	0	0
45	MSTAB3	PY	-0.001	-0.001	0	0
46	MSTAB2	PY	-0.001	-0.001	0	0
47	MSTAB1	PY	-0.001	-0.001	0	0
48	MRAIL3	PY	-0.000923	-0.000923	0	0
49	MRAIL2	PY	-0.000923	-0.000923	0	0
50	MRAIL1	PY	-0.000923	-0.000923	0	0
51	MP GAMMA3	PY	-0.002	-0.002	0	0
52	MP GAMMA2	PY	-0.002	-0.002	0	0
53	MP GAMMA1	PY	-0.002	-0.002	0	0
54	MP BETA3	PY	-0.002	-0.002	0	0
55	MP BETA2	PY	-0.002	-0.002	0	0
56	MP BETA1	PY	-0.002	-0.002	0	0
57	MP ALPHA3	PY	-0.002	-0.002	0	0
58	MP ALPHA2	PY	-0.002	-0.002	0	0
59	MP ALPHA1	PY	-0.002	-0.002	0	0
60	MID RAIL8	PY	-0.003	-0.003	0	0
61	MID RAIL7	PY	-0.003	-0.003	0	0
62	MID RAIL4	PY	-0.003	-0.003	0	0
63	MID RAIL3	PY	-0.003	-0.003	0	0
64	M170	PY	-0.004	-0.004	0	0
65	M169	PY	-0.002	-0.002	0	0
66	KICKER8	PY	-0.003	-0.003	0	0
67	KICKER7	PY	-0.003	-0.003	0	0



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Member Distributed Loads (BLC 30 : Ice Wind Load (60)) (Continued)

	Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]
68	KICKER6	PY	-0.003	-0.003	0	0
69	KICKER5	PY	-0.003	-0.003	0	0
70	KICKER4	PY	-0.003	-0.003	0	0
71	KICKER3	PY	-0.003	-0.003	0	0
72	KICKER2	PY	-0.003	-0.003	0	0
73	KICKER1	PY	-0.003	-0.003	0	0
74	INNER8	PY	-0.003	-0.003	0	0
75	INNER7	PY	-0.003	-0.003	0	0
76	INNER6	PY	-0.003	-0.003	0	0
77	INNER5	PY	-0.003	-0.003	0	0
78	INNER4	PY	-0.003	-0.003	0	0
79	INNER3	PY	-0.003	-0.003	0	0
80	INNER2	PY	-0.003	-0.003	0	0
81	INNER1	PY	-0.003	-0.003	0	0
82	HORIZ16	PY	-0.003	-0.003	0	0
83	HORIZ15	PY	-0.003	-0.003	0	0
84	HORIZ14	PY	-0.003	-0.003	0	0
85	HORIZ13	PY	-0.003	-0.003	0	0
86	HORIZ6	PY	-0.001	-0.001	0	0
87	HORIZ5	PY	-0.001	-0.001	0	0
88	H DIAG8	PY	-0.001	-0.001	0	0
89	H DIAG7	PY	-0.001	-0.001	0	0
90	H DIAG6	PY	-0.001	-0.001	0	0
91	H DIAG5	PY	-0.001	-0.001	0	0
92	H DIAG4	PY	-0.001	-0.001	0	0
93	H DIAG3	PY	-0.001	-0.001	0	0
94	H DIAG2	PY	-0.002	-0.002	0	0
95	H DIAG1	PY	-0.003	-0.003	0	0
96	GAMMATIEBACK1	PY	-0.003	-0.003	0	0
97	FACEC6	PY	-0.003	-0.003	0	0
98	FACEC5	PY	-0.003	-0.003	0	0
99	FACEC4	PY	-0.003	-0.003	0	0
100	FACEC3	PY	-0.003	-0.003	0	0
101	FACEC2	PY	-0.003	-0.003	0	0
102	FACEC1	PY	-0.003	-0.003	0	0
103	FACEA6	PY	-0.003	-0.003	0	0
104	FACEA5	PY	-0.003	-0.003	0	0
105	FACEA4	PY	-0.003	-0.003	0	0
106	FACEA3	PY	-0.003	-0.003	0	0
107	FACEA2	PY	-0.003	-0.003	0	0
108	FACEA1	PY	-0.003	-0.003	0	0
109	FACE12	PY	-0.003	-0.003	0	0
110	FACE11	PY	-0.003	-0.003	0	0
111	FACE10	PY	-0.003	-0.003	0	0
112	FACE9	PY	-0.003	-0.003	0	0
113	FACE8	PY	-0.003	-0.003	0	0
114	FACE7	PY	-0.003	-0.003	0	0
115	FACE6	PY	-0.003	-0.003	0	0
116	FACE5	PY	-0.003	-0.003	0	0
117	FACE4	PY	-0.003	-0.003	0	0
118	FACE3	PY	-0.003	-0.003	0	0
119	FACE2	PY	-0.002	-0.002	0	0
120	FACE1	PY	-0.002	-0.002	0	0
121	DELTA TIEBACK1	PY	-0.002	-0.002	0	0
122	ANGLE4	PY	-0.004	-0.004	0	0
123	ANGLE3	PY	-0.004	-0.004	0	0
124	ANG FACE8	PY	-0.004	-0.004	0	0



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Member Distributed Loads (BLC 30 : Ice Wind Load (60)) (Continued)

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]	
125	ANG FACE5	PY	-0.004	-0.004	0	0
126	ANG FACE4	PY	-0.004	-0.004	0	0
127	ANG FACE1	PY	-0.004	-0.004	0	0
128	VERTC5	PX	-0.004	-0.004	0	0
129	VERTC4	PX	-0.004	-0.004	0	0
130	VERTC3	PX	-0.004	-0.004	0	0
131	VERTC2	PX	-0.004	-0.004	0	0
132	VERTC1	PX	-0.004	-0.004	0	0
133	VERTA5	PX	-0.004	-0.004	0	0
134	VERTA4	PX	-0.004	-0.004	0	0
135	VERTA3	PX	-0.004	-0.004	0	0
136	VERTA2	PX	-0.004	-0.004	0	0
137	VERTA1	PX	-0.004	-0.004	0	0
138	VERT28	PX	-0.004	-0.004	0	0
139	VERT27	PX	-0.004	-0.004	0	0
140	VERT26	PX	-0.004	-0.004	0	0
141	VERT25	PX	-0.004	-0.004	0	0
142	VERT24	PX	-0.004	-0.004	0	0
143	VERT23	PX	-0.004	-0.004	0	0
144	VERT22	PX	-0.004	-0.004	0	0
145	VERT13	PX	-0.004	-0.004	0	0
146	VERT12	PX	-0.004	-0.004	0	0
147	VERT11	PX	-0.004	-0.004	0	0
148	VERT10	PX	-0.004	-0.004	0	0
149	VERT9	PX	-0.004	-0.004	0	0
150	VERT8	PX	-0.004	-0.004	0	0
151	SODIAG1D	PX	-0.004	-0.004	0	0
152	SODIAG1C	PX	-0.004	-0.004	0	0
153	SO2D	PX	-0.004	-0.004	0	0
154	SO2C	PX	-0.004	-0.004	0	0
155	SO1D	PX	-0.004	-0.004	0	0
156	SO1C	PX	-0.004	-0.004	0	0
157	RAIL14	PX	-0.004	-0.004	0	0
158	RAIL13	PX	-0.004	-0.004	0	0
159	RAIL6	PX	-0.004	-0.004	0	0
160	RAIL5	PX	-0.004	-0.004	0	0
161	PL8	PX	-0.004	-0.004	0	0
162	PL7	PX	-0.004	-0.004	0	0
163	PL5	PX	-0.004	-0.004	0	0
164	PL4	PX	-0.004	-0.004	0	0
165	PL1	PX	-0.004	-0.004	0	0
166	PIPE1D	PX	-0.003	-0.003	0	0
167	PIPE1C	PX	-0.003	-0.003	0	0
168	MTIEBACK	PX	-0.001	-0.001	0	0
169	MSTAB6	PX	-0.002	-0.002	0	0
170	MSTAB5	PX	-0.002	-0.002	0	0
171	MSTAB4	PX	-0.002	-0.002	0	0
172	MSTAB3	PX	-0.002	-0.002	0	0
173	MSTAB2	PX	-0.002	-0.002	0	0
174	MSTAB1	PX	-0.002	-0.002	0	0
175	MRAIL3	PX	-0.002	-0.002	0	0
176	MRAIL2	PX	-0.002	-0.002	0	0
177	MRAIL1	PX	-0.002	-0.002	0	0
178	MP GAMMA3	PX	-0.003	-0.003	0	0
179	MP GAMMA2	PX	-0.003	-0.003	0	0
180	MP GAMMA1	PX	-0.003	-0.003	0	0
181	MP BETA3	PX	-0.003	-0.003	0	0



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Member Distributed Loads (BLC 30 : Ice Wind Load (60)) (Continued)

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]	
182	MP BETA2	PX	-0.003	-0.003	0	0
183	MP BETA1	PX	-0.003	-0.003	0	0
184	MP ALPHA3	PX	-0.003	-0.003	0	0
185	MP ALPHA2	PX	-0.003	-0.003	0	0
186	MP ALPHA1	PX	-0.003	-0.003	0	0
187	MID RAIL8	PX	-0.004	-0.004	0	0
188	MID RAIL7	PX	-0.004	-0.004	0	0
189	MID RAIL4	PX	-0.004	-0.004	0	0
190	MID RAIL3	PX	-0.004	-0.004	0	0
191	M170	PX	-0.007	-0.007	0	0
192	M169	PX	-0.003	-0.003	0	0
193	KICKER8	PX	-0.004	-0.004	0	0
194	KICKER7	PX	-0.004	-0.004	0	0
195	KICKER6	PX	-0.004	-0.004	0	0
196	KICKER5	PX	-0.004	-0.004	0	0
197	KICKER4	PX	-0.004	-0.004	0	0
198	KICKER3	PX	-0.004	-0.004	0	0
199	KICKER2	PX	-0.005	-0.005	0	0
200	KICKER1	PX	-0.005	-0.005	0	0
201	INNER8	PX	-0.005	-0.005	0	0
202	INNER7	PX	-0.005	-0.005	0	0
203	INNER6	PX	-0.005	-0.005	0	0
204	INNER5	PX	-0.005	-0.005	0	0
205	INNER4	PX	-0.005	-0.005	0	0
206	INNER3	PX	-0.005	-0.005	0	0
207	INNER2	PX	-0.004	-0.004	0	0
208	INNER1	PX	-0.004	-0.004	0	0
209	HORIZ16	PX	-0.004	-0.004	0	0
210	HORIZ15	PX	-0.004	-0.004	0	0
211	HORIZ14	PX	-0.004	-0.004	0	0
212	HORIZ13	PX	-0.004	-0.004	0	0
213	HORIZ6	PX	-0.002	-0.002	0	0
214	HORIZ5	PX	-0.002	-0.002	0	0
215	H DIAG8	PX	-0.002	-0.002	0	0
216	H DIAG7	PX	-0.002	-0.002	0	0
217	H DIAG6	PX	-0.002	-0.002	0	0
218	H DIAG5	PX	-0.002	-0.002	0	0
219	H DIAG4	PX	-0.002	-0.002	0	0
220	H DIAG3	PX	-0.002	-0.002	0	0
221	H DIAG2	PX	-0.003	-0.003	0	0
222	H DIAG1	PX	-0.005	-0.005	0	0
223	GAMMATIEBACK1	PX	-0.005	-0.005	0	0
224	FACEC6	PX	-0.005	-0.005	0	0
225	FACEC5	PX	-0.005	-0.005	0	0
226	FACEC4	PX	-0.005	-0.005	0	0
227	FACEC3	PX	-0.005	-0.005	0	0
228	FACEC2	PX	-0.005	-0.005	0	0
229	FACEC1	PX	-0.005	-0.005	0	0
230	FACEA6	PX	-0.005	-0.005	0	0
231	FACEA5	PX	-0.005	-0.005	0	0
232	FACEA4	PX	-0.005	-0.005	0	0
233	FACEA3	PX	-0.005	-0.005	0	0
234	FACEA2	PX	-0.005	-0.005	0	0
235	FACEA1	PX	-0.005	-0.005	0	0
236	FACE12	PX	-0.005	-0.005	0	0
237	FACE11	PX	-0.005	-0.005	0	0
238	FACE10	PX	-0.005	-0.005	0	0



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Member Distributed Loads (BLC 30 : Ice Wind Load (60)) (Continued)

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]	
239	FACE9	PX	-0.005	-0.005	0	0
240	FACE8	PX	-0.005	-0.005	0	0
241	FACE7	PX	-0.005	-0.005	0	0
242	FACE6	PX	-0.005	-0.005	0	0
243	FACE5	PX	-0.005	-0.005	0	0
244	FACE4	PX	-0.005	-0.005	0	0
245	FACE3	PX	-0.005	-0.005	0	0
246	FACE2	PX	-0.003	-0.003	0	0
247	FACE1	PX	-0.003	-0.003	0	0
248	DELTA TIEBACK1	PX	-0.003	-0.003	0	0
249	ANGLE4	PX	-0.007	-0.007	0	0
250	ANGLE3	PX	-0.007	-0.007	0	0
251	ANG FACE8	PX	-0.007	-0.007	0	0
252	ANG FACE5	PX	-0.007	-0.007	0	0
253	ANG FACE4	PX	-0.007	-0.007	0	0
254	ANG FACE1	PX	-0.007	-0.007	0	0

Member Distributed Loads (BLC 31 : Ice Wind Load (90))

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]	
1	VERTC5	PX	-0.005	-0.005	0	0
2	VERTC4	PX	-0.005	-0.005	0	0
3	VERTC3	PX	-0.005	-0.005	0	0
4	VERTC2	PX	-0.005	-0.005	0	0
5	VERTC1	PX	-0.005	-0.005	0	0
6	VERTA5	PX	-0.005	-0.005	0	0
7	VERTA4	PX	-0.005	-0.005	0	0
8	VERTA3	PX	-0.005	-0.005	0	0
9	VERTA2	PX	-0.005	-0.005	0	0
10	VERTA1	PX	-0.005	-0.005	0	0
11	VERT28	PX	-0.005	-0.005	0	0
12	VERT27	PX	-0.005	-0.005	0	0
13	VERT26	PX	-0.005	-0.005	0	0
14	VERT25	PX	-0.005	-0.005	0	0
15	VERT24	PX	-0.005	-0.005	0	0
16	VERT23	PX	-0.005	-0.005	0	0
17	VERT22	PX	-0.005	-0.005	0	0
18	VERT13	PX	-0.005	-0.005	0	0
19	VERT12	PX	-0.005	-0.005	0	0
20	VERT11	PX	-0.005	-0.005	0	0
21	VERT10	PX	-0.005	-0.005	0	0
22	VERT9	PX	-0.005	-0.005	0	0
23	VERT8	PX	-0.005	-0.005	0	0
24	SODIAG1D	PX	-0.005	-0.005	0	0
25	SODIAG1C	PX	-0.005	-0.005	0	0
26	SO2D	PX	-0.005	-0.005	0	0
27	SO2C	PX	-0.005	-0.005	0	0
28	SO1D	PX	-0.005	-0.005	0	0
29	SO1C	PX	-0.005	-0.005	0	0
30	RAIL14	PX	-0.005	-0.005	0	0
31	RAIL13	PX	-0.005	-0.005	0	0
32	RAIL6	PX	-0.005	-0.005	0	0
33	RAIL5	PX	-0.005	-0.005	0	0
34	PL8	PX	-0.005	-0.005	0	0
35	PL7	PX	-0.005	-0.005	0	0
36	PL5	PX	-0.005	-0.005	0	0
37	PL4	PX	-0.005	-0.005	0	0



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Member Distributed Loads (BLC 31 : Ice Wind Load (90)) (Continued)

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]	
38	PL1	PX	-0.005	-0.005	0	0
39	PIPE1D	PX	-0.003	-0.003	0	0
40	PIPE1C	PX	-0.003	-0.003	0	0
41	MTIEBACK	PX	-0.002	-0.002	0	0
42	MSTAB6	PX	-0.003	-0.003	0	0
43	MSTAB5	PX	-0.003	-0.003	0	0
44	MSTAB4	PX	-0.003	-0.003	0	0
45	MSTAB3	PX	-0.003	-0.003	0	0
46	MSTAB2	PX	-0.003	-0.003	0	0
47	MSTAB1	PX	-0.003	-0.003	0	0
48	MRAIL3	PX	-0.002	-0.002	0	0
49	MRAIL2	PX	-0.002	-0.002	0	0
50	MRAIL1	PX	-0.002	-0.002	0	0
51	MP GAMMA3	PX	-0.003	-0.003	0	0
52	MP GAMMA2	PX	-0.003	-0.003	0	0
53	MP GAMMA1	PX	-0.003	-0.003	0	0
54	MP BETA3	PX	-0.003	-0.003	0	0
55	MP BETA2	PX	-0.003	-0.003	0	0
56	MP BETA1	PX	-0.003	-0.003	0	0
57	MP ALPHA3	PX	-0.003	-0.003	0	0
58	MP ALPHA2	PX	-0.003	-0.003	0	0
59	MP ALPHA1	PX	-0.003	-0.003	0	0
60	MID RAIL8	PX	-0.005	-0.005	0	0
61	MID RAIL7	PX	-0.005	-0.005	0	0
62	MID RAIL4	PX	-0.005	-0.005	0	0
63	MID RAIL3	PX	-0.005	-0.005	0	0
64	M170	PX	-0.008	-0.008	0	0
65	M169	PX	-0.004	-0.004	0	0
66	KICKER8	PX	-0.005	-0.005	0	0
67	KICKER7	PX	-0.005	-0.005	0	0
68	KICKER6	PX	-0.005	-0.005	0	0
69	KICKER5	PX	-0.005	-0.005	0	0
70	KICKER4	PX	-0.005	-0.005	0	0
71	KICKER3	PX	-0.005	-0.005	0	0
72	KICKER2	PX	-0.006	-0.006	0	0
73	KICKER1	PX	-0.006	-0.006	0	0
74	INNER8	PX	-0.006	-0.006	0	0
75	INNER7	PX	-0.006	-0.006	0	0
76	INNER6	PX	-0.006	-0.006	0	0
77	INNER5	PX	-0.006	-0.006	0	0
78	INNER4	PX	-0.006	-0.006	0	0
79	INNER3	PX	-0.006	-0.006	0	0
80	INNER2	PX	-0.005	-0.005	0	0
81	INNER1	PX	-0.005	-0.005	0	0
82	HORIZ16	PX	-0.005	-0.005	0	0
83	HORIZ15	PX	-0.005	-0.005	0	0
84	HORIZ14	PX	-0.005	-0.005	0	0
85	HORIZ13	PX	-0.005	-0.005	0	0
86	HORIZ6	PX	-0.003	-0.003	0	0
87	HORIZ5	PX	-0.003	-0.003	0	0
88	H DIAG8	PX	-0.003	-0.003	0	0
89	H DIAG7	PX	-0.003	-0.003	0	0
90	H DIAG6	PX	-0.003	-0.003	0	0
91	H DIAG5	PX	-0.003	-0.003	0	0
92	H DIAG4	PX	-0.003	-0.003	0	0
93	H DIAG3	PX	-0.003	-0.003	0	0
94	H DIAG2	PX	-0.003	-0.003	0	0



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Member Distributed Loads (BLC 31 : Ice Wind Load (90)) (Continued)

	Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]
95	H DIAG1	PX	-0.006	-0.006	0	0
96	GAMMATIEBACK1	PX	-0.006	-0.006	0	0
97	FACEC6	PX	-0.006	-0.006	0	0
98	FACEC5	PX	-0.006	-0.006	0	0
99	FACEC4	PX	-0.006	-0.006	0	0
100	FACEC3	PX	-0.006	-0.006	0	0
101	FACEC2	PX	-0.006	-0.006	0	0
102	FACEC1	PX	-0.006	-0.006	0	0
103	FACEA6	PX	-0.006	-0.006	0	0
104	FACEA5	PX	-0.006	-0.006	0	0
105	FACEA4	PX	-0.006	-0.006	0	0
106	FACEA3	PX	-0.006	-0.006	0	0
107	FACEA2	PX	-0.006	-0.006	0	0
108	FACEA1	PX	-0.006	-0.006	0	0
109	FACE12	PX	-0.006	-0.006	0	0
110	FACE11	PX	-0.006	-0.006	0	0
111	FACE10	PX	-0.006	-0.006	0	0
112	FACE9	PX	-0.006	-0.006	0	0
113	FACE8	PX	-0.006	-0.006	0	0
114	FACE7	PX	-0.006	-0.006	0	0
115	FACE6	PX	-0.006	-0.006	0	0
116	FACE5	PX	-0.006	-0.006	0	0
117	FACE4	PX	-0.006	-0.006	0	0
118	FACE3	PX	-0.006	-0.006	0	0
119	FACE2	PX	-0.003	-0.003	0	0
120	FACE1	PX	-0.004	-0.004	0	0
121	DELTA TIEBACK1	PX	-0.004	-0.004	0	0
122	ANGLE4	PX	-0.008	-0.008	0	0
123	ANGLE3	PX	-0.008	-0.008	0	0
124	ANG FACE8	PX	-0.008	-0.008	0	0
125	ANG FACE5	PX	-0.008	-0.008	0	0
126	ANG FACE4	PX	-0.008	-0.008	0	0
127	ANG FACE1	PX	-0.008	-0.008	0	0

Member Distributed Loads (BLC 32 : Ice Wind Load (120))

	Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]
1	VERTC5	PY	.003	.003	0	0
2	VERTC4	PY	.003	.003	0	0
3	VERTC3	PY	.003	.003	0	0
4	VERTC2	PY	.003	.003	0	0
5	VERTC1	PY	.003	.003	0	0
6	VERTA5	PY	.003	.003	0	0
7	VERTA4	PY	.003	.003	0	0
8	VERTA3	PY	.003	.003	0	0
9	VERTA2	PY	.003	.003	0	0
10	VERTA1	PY	.003	.003	0	0
11	VERT28	PY	.003	.003	0	0
12	VERT27	PY	.003	.003	0	0
13	VERT26	PY	.003	.003	0	0
14	VERT25	PY	.003	.003	0	0
15	VERT24	PY	.003	.003	0	0
16	VERT23	PY	.003	.003	0	0
17	VERT22	PY	.003	.003	0	0
18	VERT13	PY	.003	.003	0	0
19	VERT12	PY	.003	.003	0	0
20	VERT11	PY	.003	.003	0	0



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Member Distributed Loads (BLC 32 : Ice Wind Load (120)) (Continued)

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]	
21	VERT10	PY	.003	.003	0	0
22	VERT9	PY	.003	.003	0	0
23	VERT8	PY	.003	.003	0	0
24	SODIAG1D	PY	.003	.003	0	0
25	SODIAG1C	PY	.003	.003	0	0
26	SO2D	PY	.003	.003	0	0
27	SO2C	PY	.003	.003	0	0
28	SO1D	PY	.003	.003	0	0
29	SO1C	PY	.003	.003	0	0
30	RAIL14	PY	.003	.003	0	0
31	RAIL13	PY	.003	.003	0	0
32	RAIL6	PY	.003	.003	0	0
33	RAIL5	PY	.003	.003	0	0
34	PL8	PY	.002	.002	0	0
35	PL7	PY	.002	.002	0	0
36	PL5	PY	.002	.002	0	0
37	PL4	PY	.002	.002	0	0
38	PL1	PY	.002	.002	0	0
39	PIPE1D	PY	.002	.002	0	0
40	PIPE1C	PY	.002	.002	0	0
41	MTIEBACK	PY	.000825	.000825	0	0
42	MSTAB6	PY	.001	.001	0	0
43	MSTAB5	PY	.001	.001	0	0
44	MSTAB4	PY	.001	.001	0	0
45	MSTAB3	PY	.001	.001	0	0
46	MSTAB2	PY	.001	.001	0	0
47	MSTAB1	PY	.001	.001	0	0
48	MRAIL3	PY	.000923	.000923	0	0
49	MRAIL2	PY	.000923	.000923	0	0
50	MRAIL1	PY	.000923	.000923	0	0
51	MP GAMMA3	PY	.002	.002	0	0
52	MP GAMMA2	PY	.002	.002	0	0
53	MP GAMMA1	PY	.002	.002	0	0
54	MP BETA3	PY	.002	.002	0	0
55	MP BETA2	PY	.002	.002	0	0
56	MP BETA1	PY	.002	.002	0	0
57	MP ALPHA3	PY	.002	.002	0	0
58	MP ALPHA2	PY	.002	.002	0	0
59	MP ALPHA1	PY	.002	.002	0	0
60	MID RAIL8	PY	.003	.003	0	0
61	MID RAIL7	PY	.003	.003	0	0
62	MID RAIL4	PY	.003	.003	0	0
63	MID RAIL3	PY	.003	.003	0	0
64	M170	PY	.004	.004	0	0
65	M169	PY	.002	.002	0	0
66	KICKER8	PY	.003	.003	0	0
67	KICKER7	PY	.003	.003	0	0
68	KICKER6	PY	.003	.003	0	0
69	KICKER5	PY	.003	.003	0	0
70	KICKER4	PY	.003	.003	0	0
71	KICKER3	PY	.003	.003	0	0
72	KICKER2	PY	.003	.003	0	0
73	KICKER1	PY	.003	.003	0	0
74	INNER8	PY	.003	.003	0	0
75	INNER7	PY	.003	.003	0	0
76	INNER6	PY	.003	.003	0	0
77	INNER5	PY	.003	.003	0	0



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Member Distributed Loads (BLC 32 : Ice Wind Load (120)) (Continued)

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]	
78	INNER4	PY	.003	.003	0	0
79	INNER3	PY	.003	.003	0	0
80	INNER2	PY	.003	.003	0	0
81	INNER1	PY	.003	.003	0	0
82	HORIZ16	PY	.003	.003	0	0
83	HORIZ15	PY	.003	.003	0	0
84	HORIZ14	PY	.003	.003	0	0
85	HORIZ13	PY	.003	.003	0	0
86	HORIZ6	PY	.001	.001	0	0
87	HORIZ5	PY	.001	.001	0	0
88	H DIAG8	PY	.001	.001	0	0
89	H DIAG7	PY	.001	.001	0	0
90	H DIAG6	PY	.001	.001	0	0
91	H DIAG5	PY	.001	.001	0	0
92	H DIAG4	PY	.001	.001	0	0
93	H DIAG3	PY	.001	.001	0	0
94	H DIAG2	PY	.002	.002	0	0
95	H DIAG1	PY	.003	.003	0	0
96	GAMMATIEBACK1	PY	.003	.003	0	0
97	FACEC6	PY	.003	.003	0	0
98	FACEC5	PY	.003	.003	0	0
99	FACEC4	PY	.003	.003	0	0
100	FACEC3	PY	.003	.003	0	0
101	FACEC2	PY	.003	.003	0	0
102	FACEC1	PY	.003	.003	0	0
103	FACEA6	PY	.003	.003	0	0
104	FACEA5	PY	.003	.003	0	0
105	FACEA4	PY	.003	.003	0	0
106	FACEA3	PY	.003	.003	0	0
107	FACEA2	PY	.003	.003	0	0
108	FACEA1	PY	.003	.003	0	0
109	FACE12	PY	.003	.003	0	0
110	FACE11	PY	.003	.003	0	0
111	FACE10	PY	.003	.003	0	0
112	FACE9	PY	.003	.003	0	0
113	FACE8	PY	.003	.003	0	0
114	FACE7	PY	.003	.003	0	0
115	FACE6	PY	.003	.003	0	0
116	FACE5	PY	.003	.003	0	0
117	FACE4	PY	.003	.003	0	0
118	FACE3	PY	.003	.003	0	0
119	FACE2	PY	.002	.002	0	0
120	FACE1	PY	.002	.002	0	0
121	DELTA TIEBACK1	PY	.002	.002	0	0
122	ANGLE4	PY	.004	.004	0	0
123	ANGLE3	PY	.004	.004	0	0
124	ANG FACE8	PY	.004	.004	0	0
125	ANG FACE5	PY	.004	.004	0	0
126	ANG FACE4	PY	.004	.004	0	0
127	ANG FACE1	PY	.004	.004	0	0
128	VERTC5	PX	-.004	-.004	0	0
129	VERTC4	PX	-.004	-.004	0	0
130	VERTC3	PX	-.004	-.004	0	0
131	VERTC2	PX	-.004	-.004	0	0
132	VERTC1	PX	-.004	-.004	0	0
133	VERTA5	PX	-.004	-.004	0	0
134	VERTA4	PX	-.004	-.004	0	0



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Member Distributed Loads (BLC 32 : Ice Wind Load (120)) (Continued)

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]	
135	VERTA3	PX	-0.004	-0.004	0	0
136	VERTA2	PX	-0.004	-0.004	0	0
137	VERTA1	PX	-0.004	-0.004	0	0
138	VERT28	PX	-0.004	-0.004	0	0
139	VERT27	PX	-0.004	-0.004	0	0
140	VERT26	PX	-0.004	-0.004	0	0
141	VERT25	PX	-0.004	-0.004	0	0
142	VERT24	PX	-0.004	-0.004	0	0
143	VERT23	PX	-0.004	-0.004	0	0
144	VERT22	PX	-0.004	-0.004	0	0
145	VERT13	PX	-0.004	-0.004	0	0
146	VERT12	PX	-0.004	-0.004	0	0
147	VERT11	PX	-0.004	-0.004	0	0
148	VERT10	PX	-0.004	-0.004	0	0
149	VERT9	PX	-0.004	-0.004	0	0
150	VERT8	PX	-0.004	-0.004	0	0
151	SODIAG1D	PX	-0.004	-0.004	0	0
152	SODIAG1C	PX	-0.004	-0.004	0	0
153	SO2D	PX	-0.004	-0.004	0	0
154	SO2C	PX	-0.004	-0.004	0	0
155	SO1D	PX	-0.004	-0.004	0	0
156	SO1C	PX	-0.004	-0.004	0	0
157	RAIL14	PX	-0.004	-0.004	0	0
158	RAIL13	PX	-0.004	-0.004	0	0
159	RAIL6	PX	-0.004	-0.004	0	0
160	RAIL5	PX	-0.004	-0.004	0	0
161	PL8	PX	-0.004	-0.004	0	0
162	PL7	PX	-0.004	-0.004	0	0
163	PL5	PX	-0.004	-0.004	0	0
164	PL4	PX	-0.004	-0.004	0	0
165	PL1	PX	-0.004	-0.004	0	0
166	PIPE1D	PX	-0.003	-0.003	0	0
167	PIPE1C	PX	-0.003	-0.003	0	0
168	MTIEBACK	PX	-0.001	-0.001	0	0
169	MSTAB6	PX	-0.002	-0.002	0	0
170	MSTAB5	PX	-0.002	-0.002	0	0
171	MSTAB4	PX	-0.002	-0.002	0	0
172	MSTAB3	PX	-0.002	-0.002	0	0
173	MSTAB2	PX	-0.002	-0.002	0	0
174	MSTAB1	PX	-0.002	-0.002	0	0
175	MRAIL3	PX	-0.002	-0.002	0	0
176	MRAIL2	PX	-0.002	-0.002	0	0
177	MRAIL1	PX	-0.002	-0.002	0	0
178	MP GAMMA3	PX	-0.003	-0.003	0	0
179	MP GAMMA2	PX	-0.003	-0.003	0	0
180	MP GAMMA1	PX	-0.003	-0.003	0	0
181	MP BETA3	PX	-0.003	-0.003	0	0
182	MP BETA2	PX	-0.003	-0.003	0	0
183	MP BETA1	PX	-0.003	-0.003	0	0
184	MP ALPHA3	PX	-0.003	-0.003	0	0
185	MP ALPHA2	PX	-0.003	-0.003	0	0
186	MP ALPHA1	PX	-0.003	-0.003	0	0
187	MID RAIL8	PX	-0.004	-0.004	0	0
188	MID RAIL7	PX	-0.004	-0.004	0	0
189	MID RAIL4	PX	-0.004	-0.004	0	0
190	MID RAIL3	PX	-0.004	-0.004	0	0
191	M170	PX	-0.007	-0.007	0	0



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Member Distributed Loads (BLC 32 : Ice Wind Load (120)) (Continued)

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]	
192	M169	PX	-0.003	-0.003	0	0
193	KICKER8	PX	-0.004	-0.004	0	0
194	KICKER7	PX	-0.004	-0.004	0	0
195	KICKER6	PX	-0.004	-0.004	0	0
196	KICKER5	PX	-0.004	-0.004	0	0
197	KICKER4	PX	-0.004	-0.004	0	0
198	KICKER3	PX	-0.004	-0.004	0	0
199	KICKER2	PX	-0.005	-0.005	0	0
200	KICKER1	PX	-0.005	-0.005	0	0
201	INNER8	PX	-0.005	-0.005	0	0
202	INNER7	PX	-0.005	-0.005	0	0
203	INNER6	PX	-0.005	-0.005	0	0
204	INNER5	PX	-0.005	-0.005	0	0
205	INNER4	PX	-0.005	-0.005	0	0
206	INNER3	PX	-0.005	-0.005	0	0
207	INNER2	PX	-0.004	-0.004	0	0
208	INNER1	PX	-0.004	-0.004	0	0
209	HORIZ16	PX	-0.004	-0.004	0	0
210	HORIZ15	PX	-0.004	-0.004	0	0
211	HORIZ14	PX	-0.004	-0.004	0	0
212	HORIZ13	PX	-0.004	-0.004	0	0
213	HORIZ6	PX	-0.002	-0.002	0	0
214	HORIZ5	PX	-0.002	-0.002	0	0
215	H DIAG8	PX	-0.002	-0.002	0	0
216	H DIAG7	PX	-0.002	-0.002	0	0
217	H DIAG6	PX	-0.002	-0.002	0	0
218	H DIAG5	PX	-0.002	-0.002	0	0
219	H DIAG4	PX	-0.002	-0.002	0	0
220	H DIAG3	PX	-0.002	-0.002	0	0
221	H DIAG2	PX	-0.003	-0.003	0	0
222	H DIAG1	PX	-0.005	-0.005	0	0
223	GAMMATIEBACK1	PX	-0.005	-0.005	0	0
224	FACEC6	PX	-0.005	-0.005	0	0
225	FACEC5	PX	-0.005	-0.005	0	0
226	FACEC4	PX	-0.005	-0.005	0	0
227	FACEC3	PX	-0.005	-0.005	0	0
228	FACEC2	PX	-0.005	-0.005	0	0
229	FACEC1	PX	-0.005	-0.005	0	0
230	FACEA6	PX	-0.005	-0.005	0	0
231	FACEA5	PX	-0.005	-0.005	0	0
232	FACEA4	PX	-0.005	-0.005	0	0
233	FACEA3	PX	-0.005	-0.005	0	0
234	FACEA2	PX	-0.005	-0.005	0	0
235	FACEA1	PX	-0.005	-0.005	0	0
236	FACE12	PX	-0.005	-0.005	0	0
237	FACE11	PX	-0.005	-0.005	0	0
238	FACE10	PX	-0.005	-0.005	0	0
239	FACE9	PX	-0.005	-0.005	0	0
240	FACE8	PX	-0.005	-0.005	0	0
241	FACE7	PX	-0.005	-0.005	0	0
242	FACE6	PX	-0.005	-0.005	0	0
243	FACE5	PX	-0.005	-0.005	0	0
244	FACE4	PX	-0.005	-0.005	0	0
245	FACE3	PX	-0.005	-0.005	0	0
246	FACE2	PX	-0.003	-0.003	0	0
247	FACE1	PX	-0.003	-0.003	0	0
248	DELTA TIEBACK1	PX	-0.003	-0.003	0	0



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Member Distributed Loads (BLC 32 : Ice Wind Load (120)) (Continued)

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]	
249	ANGLE4	PX	-.007	-.007	0	0
250	ANGLE3	PX	-.007	-.007	0	0
251	ANG FACE8	PX	-.007	-.007	0	0
252	ANG FACE5	PX	-.007	-.007	0	0
253	ANG FACE4	PX	-.007	-.007	0	0
254	ANG FACE1	PX	-.007	-.007	0	0

Member Distributed Loads (BLC 33 : Ice Wind Load (150))

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]	
1	VERTC5	PY	.004	.004	0	0
2	VERTC4	PY	.004	.004	0	0
3	VERTC3	PY	.004	.004	0	0
4	VERTC2	PY	.004	.004	0	0
5	VERTC1	PY	.004	.004	0	0
6	VERTA5	PY	.004	.004	0	0
7	VERTA4	PY	.004	.004	0	0
8	VERTA3	PY	.004	.004	0	0
9	VERTA2	PY	.004	.004	0	0
10	VERTA1	PY	.004	.004	0	0
11	VERT28	PY	.004	.004	0	0
12	VERT27	PY	.004	.004	0	0
13	VERT26	PY	.004	.004	0	0
14	VERT25	PY	.004	.004	0	0
15	VERT24	PY	.004	.004	0	0
16	VERT23	PY	.004	.004	0	0
17	VERT22	PY	.004	.004	0	0
18	VERT13	PY	.004	.004	0	0
19	VERT12	PY	.004	.004	0	0
20	VERT11	PY	.004	.004	0	0
21	VERT10	PY	.004	.004	0	0
22	VERT9	PY	.004	.004	0	0
23	VERT8	PY	.004	.004	0	0
24	SODIAG1D	PY	.004	.004	0	0
25	SODIAG1C	PY	.004	.004	0	0
26	SO2D	PY	.004	.004	0	0
27	SO2C	PY	.004	.004	0	0
28	SO1D	PY	.004	.004	0	0
29	SO1C	PY	.004	.004	0	0
30	RAIL14	PY	.004	.004	0	0
31	RAIL13	PY	.004	.004	0	0
32	RAIL6	PY	.004	.004	0	0
33	RAIL5	PY	.004	.004	0	0
34	PL8	PY	.004	.004	0	0
35	PL7	PY	.004	.004	0	0
36	PL5	PY	.004	.004	0	0
37	PL4	PY	.004	.004	0	0
38	PL1	PY	.004	.004	0	0
39	PIPE1D	PY	.003	.003	0	0
40	PIPE1C	PY	.003	.003	0	0
41	MTIEBACK	PY	.001	.001	0	0
42	MSTAB6	PY	.002	.002	0	0
43	MSTAB5	PY	.002	.002	0	0
44	MSTAB4	PY	.002	.002	0	0
45	MSTAB3	PY	.002	.002	0	0
46	MSTAB2	PY	.002	.002	0	0
47	MSTAB1	PY	.002	.002	0	0



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Member Distributed Loads (BLC 33 : Ice Wind Load (150)) (Continued)

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]	
48	MRAIL3	PY	.002	.002	0	0
49	MRAIL2	PY	.002	.002	0	0
50	MRAIL1	PY	.002	.002	0	0
51	MP GAMMA3	PY	.003	.003	0	0
52	MP GAMMA2	PY	.003	.003	0	0
53	MP GAMMA1	PY	.003	.003	0	0
54	MP BETA3	PY	.003	.003	0	0
55	MP BETA2	PY	.003	.003	0	0
56	MP BETA1	PY	.003	.003	0	0
57	MP ALPHA3	PY	.003	.003	0	0
58	MP ALPHA2	PY	.003	.003	0	0
59	MP ALPHA1	PY	.003	.003	0	0
60	MID RAIL8	PY	.004	.004	0	0
61	MID RAIL7	PY	.004	.004	0	0
62	MID RAIL4	PY	.004	.004	0	0
63	MID RAIL3	PY	.004	.004	0	0
64	M170	PY	.007	.007	0	0
65	M169	PY	.003	.003	0	0
66	KICKER8	PY	.004	.004	0	0
67	KICKER7	PY	.004	.004	0	0
68	KICKER6	PY	.004	.004	0	0
69	KICKER5	PY	.004	.004	0	0
70	KICKER4	PY	.004	.004	0	0
71	KICKER3	PY	.004	.004	0	0
72	KICKER2	PY	.005	.005	0	0
73	KICKER1	PY	.005	.005	0	0
74	INNER8	PY	.005	.005	0	0
75	INNER7	PY	.005	.005	0	0
76	INNER6	PY	.005	.005	0	0
77	INNER5	PY	.005	.005	0	0
78	INNER4	PY	.005	.005	0	0
79	INNER3	PY	.005	.005	0	0
80	INNER2	PY	.004	.004	0	0
81	INNER1	PY	.004	.004	0	0
82	HORIZ16	PY	.004	.004	0	0
83	HORIZ15	PY	.004	.004	0	0
84	HORIZ14	PY	.004	.004	0	0
85	HORIZ13	PY	.004	.004	0	0
86	HORIZ6	PY	.002	.002	0	0
87	HORIZ5	PY	.002	.002	0	0
88	H DIAG8	PY	.002	.002	0	0
89	H DIAG7	PY	.002	.002	0	0
90	H DIAG6	PY	.002	.002	0	0
91	H DIAG5	PY	.002	.002	0	0
92	H DIAG4	PY	.002	.002	0	0
93	H DIAG3	PY	.002	.002	0	0
94	H DIAG2	PY	.003	.003	0	0
95	H DIAG1	PY	.005	.005	0	0
96	GAMMATIEBACK1	PY	.005	.005	0	0
97	FACEC6	PY	.005	.005	0	0
98	FACEC5	PY	.005	.005	0	0
99	FACEC4	PY	.005	.005	0	0
100	FACEC3	PY	.005	.005	0	0
101	FACEC2	PY	.005	.005	0	0
102	FACEC1	PY	.005	.005	0	0
103	FACEA6	PY	.005	.005	0	0
104	FACEA5	PY	.005	.005	0	0



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Member Distributed Loads (BLC 33 : Ice Wind Load (150)) (Continued)

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]	
105	FACEA4	PY	.005	.005	0	0
106	FACEA3	PY	.005	.005	0	0
107	FACEA2	PY	.005	.005	0	0
108	FACEA1	PY	.005	.005	0	0
109	FACE12	PY	.005	.005	0	0
110	FACE11	PY	.005	.005	0	0
111	FACE10	PY	.005	.005	0	0
112	FACE9	PY	.005	.005	0	0
113	FACE8	PY	.005	.005	0	0
114	FACE7	PY	.005	.005	0	0
115	FACE6	PY	.005	.005	0	0
116	FACE5	PY	.005	.005	0	0
117	FACE4	PY	.005	.005	0	0
118	FACE3	PY	.005	.005	0	0
119	FACE2	PY	.003	.003	0	0
120	FACE1	PY	.003	.003	0	0
121	DELTA TIEBACK1	PY	.003	.003	0	0
122	ANGLE4	PY	.007	.007	0	0
123	ANGLE3	PY	.007	.007	0	0
124	ANG FACE8	PY	.007	.007	0	0
125	ANG FACE5	PY	.007	.007	0	0
126	ANG FACE4	PY	.007	.007	0	0
127	ANG FACE1	PY	.007	.007	0	0
128	VERTC5	PX	-.003	-.003	0	0
129	VERTC4	PX	-.003	-.003	0	0
130	VERTC3	PX	-.003	-.003	0	0
131	VERTC2	PX	-.003	-.003	0	0
132	VERTC1	PX	-.003	-.003	0	0
133	VERTA5	PX	-.003	-.003	0	0
134	VERTA4	PX	-.003	-.003	0	0
135	VERTA3	PX	-.003	-.003	0	0
136	VERTA2	PX	-.003	-.003	0	0
137	VERTA1	PX	-.003	-.003	0	0
138	VERT28	PX	-.003	-.003	0	0
139	VERT27	PX	-.003	-.003	0	0
140	VERT26	PX	-.003	-.003	0	0
141	VERT25	PX	-.003	-.003	0	0
142	VERT24	PX	-.003	-.003	0	0
143	VERT23	PX	-.003	-.003	0	0
144	VERT22	PX	-.003	-.003	0	0
145	VERT13	PX	-.003	-.003	0	0
146	VERT12	PX	-.003	-.003	0	0
147	VERT11	PX	-.003	-.003	0	0
148	VERT10	PX	-.003	-.003	0	0
149	VERT9	PX	-.003	-.003	0	0
150	VERT8	PX	-.003	-.003	0	0
151	SODIAG1D	PX	-.003	-.003	0	0
152	SODIAG1C	PX	-.003	-.003	0	0
153	SO2D	PX	-.003	-.003	0	0
154	SO2C	PX	-.003	-.003	0	0
155	SO1D	PX	-.003	-.003	0	0
156	SO1C	PX	-.003	-.003	0	0
157	RAIL14	PX	-.003	-.003	0	0
158	RAIL13	PX	-.003	-.003	0	0
159	RAIL6	PX	-.003	-.003	0	0
160	RAIL5	PX	-.003	-.003	0	0
161	PL8	PX	-.002	-.002	0	0



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Member Distributed Loads (BLC 33 : Ice Wind Load (150)) (Continued)

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]	
162	PL7	PX	-0.002	-0.002	0	0
163	PL5	PX	-0.002	-0.002	0	0
164	PL4	PX	-0.002	-0.002	0	0
165	PL1	PX	-0.002	-0.002	0	0
166	PIPE1D	PX	-0.002	-0.002	0	0
167	PIPE1C	PX	-0.002	-0.002	0	0
168	MTIEBACK	PX	-0.000825	-0.000825	0	0
169	MSTAB6	PX	-0.001	-0.001	0	0
170	MSTAB5	PX	-0.001	-0.001	0	0
171	MSTAB4	PX	-0.001	-0.001	0	0
172	MSTAB3	PX	-0.001	-0.001	0	0
173	MSTAB2	PX	-0.001	-0.001	0	0
174	MSTAB1	PX	-0.001	-0.001	0	0
175	MRAIL3	PX	-0.000923	-0.000923	0	0
176	MRAIL2	PX	-0.000923	-0.000923	0	0
177	MRAIL1	PX	-0.000923	-0.000923	0	0
178	MP GAMMA3	PX	-0.002	-0.002	0	0
179	MP GAMMA2	PX	-0.002	-0.002	0	0
180	MP GAMMA1	PX	-0.002	-0.002	0	0
181	MP BETA3	PX	-0.002	-0.002	0	0
182	MP BETA2	PX	-0.002	-0.002	0	0
183	MP BETA1	PX	-0.002	-0.002	0	0
184	MP ALPHA3	PX	-0.002	-0.002	0	0
185	MP ALPHA2	PX	-0.002	-0.002	0	0
186	MP ALPHA1	PX	-0.002	-0.002	0	0
187	MID RAIL8	PX	-0.003	-0.003	0	0
188	MID RAIL7	PX	-0.003	-0.003	0	0
189	MID RAIL4	PX	-0.003	-0.003	0	0
190	MID RAIL3	PX	-0.003	-0.003	0	0
191	M170	PX	-0.004	-0.004	0	0
192	M169	PX	-0.002	-0.002	0	0
193	KICKER8	PX	-0.003	-0.003	0	0
194	KICKER7	PX	-0.003	-0.003	0	0
195	KICKER6	PX	-0.003	-0.003	0	0
196	KICKER5	PX	-0.003	-0.003	0	0
197	KICKER4	PX	-0.003	-0.003	0	0
198	KICKER3	PX	-0.003	-0.003	0	0
199	KICKER2	PX	-0.003	-0.003	0	0
200	KICKER1	PX	-0.003	-0.003	0	0
201	INNER8	PX	-0.003	-0.003	0	0
202	INNER7	PX	-0.003	-0.003	0	0
203	INNER6	PX	-0.003	-0.003	0	0
204	INNER5	PX	-0.003	-0.003	0	0
205	INNER4	PX	-0.003	-0.003	0	0
206	INNER3	PX	-0.003	-0.003	0	0
207	INNER2	PX	-0.003	-0.003	0	0
208	INNER1	PX	-0.003	-0.003	0	0
209	HORIZ16	PX	-0.003	-0.003	0	0
210	HORIZ15	PX	-0.003	-0.003	0	0
211	HORIZ14	PX	-0.003	-0.003	0	0
212	HORIZ13	PX	-0.003	-0.003	0	0
213	HORIZ6	PX	-0.001	-0.001	0	0
214	HORIZ5	PX	-0.001	-0.001	0	0
215	H DIAG8	PX	-0.001	-0.001	0	0
216	H DIAG7	PX	-0.001	-0.001	0	0
217	H DIAG6	PX	-0.001	-0.001	0	0
218	H DIAG5	PX	-0.001	-0.001	0	0



Member Distributed Loads (BLC 33 : Ice Wind Load (150)) (Continued)

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%,]	End Location[ft.%,]	
219	H DIAG4	PX	-0.001	-0.001	0	0
220	H DIAG3	PX	-0.001	-0.001	0	0
221	H DIAG2	PX	-0.002	-0.002	0	0
222	H DIAG1	PX	-0.003	-0.003	0	0
223	GAMMATIEBACK1	PX	-0.003	-0.003	0	0
224	FACEC6	PX	-0.003	-0.003	0	0
225	FACEC5	PX	-0.003	-0.003	0	0
226	FACEC4	PX	-0.003	-0.003	0	0
227	FACEC3	PX	-0.003	-0.003	0	0
228	FACEC2	PX	-0.003	-0.003	0	0
229	FACEC1	PX	-0.003	-0.003	0	0
230	FACEA6	PX	-0.003	-0.003	0	0
231	FACEA5	PX	-0.003	-0.003	0	0
232	FACEA4	PX	-0.003	-0.003	0	0
233	FACEA3	PX	-0.003	-0.003	0	0
234	FACEA2	PX	-0.003	-0.003	0	0
235	FACEA1	PX	-0.003	-0.003	0	0
236	FACE12	PX	-0.003	-0.003	0	0
237	FACE11	PX	-0.003	-0.003	0	0
238	FACE10	PX	-0.003	-0.003	0	0
239	FACE9	PX	-0.003	-0.003	0	0
240	FACE8	PX	-0.003	-0.003	0	0
241	FACE7	PX	-0.003	-0.003	0	0
242	FACE6	PX	-0.003	-0.003	0	0
243	FACE5	PX	-0.003	-0.003	0	0
244	FACE4	PX	-0.003	-0.003	0	0
245	FACE3	PX	-0.003	-0.003	0	0
246	FACE2	PX	-0.002	-0.002	0	0
247	FACE1	PX	-0.002	-0.002	0	0
248	DELTA TIEBACK1	PX	-0.002	-0.002	0	0
249	ANGLE4	PX	-0.004	-0.004	0	0
250	ANGLE3	PX	-0.004	-0.004	0	0
251	ANG FACE8	PX	-0.004	-0.004	0	0
252	ANG FACE5	PX	-0.004	-0.004	0	0
253	ANG FACE4	PX	-0.004	-0.004	0	0
254	ANG FACE1	PX	-0.004	-0.004	0	0

Member Distributed Loads (BLC 34 : Ice Wind Load (180))

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%,]	End Location[ft.%,]	
1	VERTC5	PY	.005	.005	0	0
2	VERTC4	PY	.005	.005	0	0
3	VERTC3	PY	.005	.005	0	0
4	VERTC2	PY	.005	.005	0	0
5	VERTC1	PY	.005	.005	0	0
6	VERTA5	PY	.005	.005	0	0
7	VERTA4	PY	.005	.005	0	0
8	VERTA3	PY	.005	.005	0	0
9	VERTA2	PY	.005	.005	0	0
10	VERTA1	PY	.005	.005	0	0
11	VERT28	PY	.005	.005	0	0
12	VERT27	PY	.005	.005	0	0
13	VERT26	PY	.005	.005	0	0
14	VERT25	PY	.005	.005	0	0
15	VERT24	PY	.005	.005	0	0
16	VERT23	PY	.005	.005	0	0
17	VERT22	PY	.005	.005	0	0



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Member Distributed Loads (BLC 34 : Ice Wind Load (180)) (Continued)

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]	
18	VERT13	PY	.005	.005	0	0
19	VERT12	PY	.005	.005	0	0
20	VERT11	PY	.005	.005	0	0
21	VERT10	PY	.005	.005	0	0
22	VERT9	PY	.005	.005	0	0
23	VERT8	PY	.005	.005	0	0
24	SODIAG1D	PY	.005	.005	0	0
25	SODIAG1C	PY	.005	.005	0	0
26	SO2D	PY	.005	.005	0	0
27	SO2C	PY	.005	.005	0	0
28	SO1D	PY	.005	.005	0	0
29	SO1C	PY	.005	.005	0	0
30	RAIL14	PY	.005	.005	0	0
31	RAIL13	PY	.005	.005	0	0
32	RAIL6	PY	.005	.005	0	0
33	RAIL5	PY	.005	.005	0	0
34	PL8	PY	.005	.005	0	0
35	PL7	PY	.005	.005	0	0
36	PL5	PY	.005	.005	0	0
37	PL4	PY	.005	.005	0	0
38	PL1	PY	.005	.005	0	0
39	PIPE1D	PY	.003	.003	0	0
40	PIPE1C	PY	.003	.003	0	0
41	MTIEBACK	PY	.002	.002	0	0
42	MSTAB6	PY	.003	.003	0	0
43	MSTAB5	PY	.003	.003	0	0
44	MSTAB4	PY	.003	.003	0	0
45	MSTAB3	PY	.003	.003	0	0
46	MSTAB2	PY	.003	.003	0	0
47	MSTAB1	PY	.003	.003	0	0
48	MRAIL3	PY	.002	.002	0	0
49	MRAIL2	PY	.002	.002	0	0
50	MRAIL1	PY	.002	.002	0	0
51	MP GAMMA3	PY	.003	.003	0	0
52	MP GAMMA2	PY	.003	.003	0	0
53	MP GAMMA1	PY	.003	.003	0	0
54	MP BETA3	PY	.003	.003	0	0
55	MP BETA2	PY	.003	.003	0	0
56	MP BETA1	PY	.003	.003	0	0
57	MP ALPHA3	PY	.003	.003	0	0
58	MP ALPHA2	PY	.003	.003	0	0
59	MP ALPHA1	PY	.003	.003	0	0
60	MID RAIL8	PY	.005	.005	0	0
61	MID RAIL7	PY	.005	.005	0	0
62	MID RAIL4	PY	.005	.005	0	0
63	MID RAIL3	PY	.005	.005	0	0
64	M170	PY	.008	.008	0	0
65	M169	PY	.004	.004	0	0
66	KICKER8	PY	.005	.005	0	0
67	KICKER7	PY	.005	.005	0	0
68	KICKER6	PY	.005	.005	0	0
69	KICKER5	PY	.005	.005	0	0
70	KICKER4	PY	.005	.005	0	0
71	KICKER3	PY	.005	.005	0	0
72	KICKER2	PY	.006	.006	0	0
73	KICKER1	PY	.006	.006	0	0
74	INNER8	PY	.006	.006	0	0



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Member Distributed Loads (BLC 34 : Ice Wind Load (180)) (Continued)

Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F,...	Start Location[ft, %]	End Location[ft, %]	
75	INNER7	PY	.006	.006	0	0
76	INNER6	PY	.006	.006	0	0
77	INNER5	PY	.006	.006	0	0
78	INNER4	PY	.006	.006	0	0
79	INNER3	PY	.006	.006	0	0
80	INNER2	PY	.005	.005	0	0
81	INNER1	PY	.005	.005	0	0
82	HORIZ16	PY	.005	.005	0	0
83	HORIZ15	PY	.005	.005	0	0
84	HORIZ14	PY	.005	.005	0	0
85	HORIZ13	PY	.005	.005	0	0
86	HORIZ6	PY	.003	.003	0	0
87	HORIZ5	PY	.003	.003	0	0
88	H DIAG8	PY	.003	.003	0	0
89	H DIAG7	PY	.003	.003	0	0
90	H DIAG6	PY	.003	.003	0	0
91	H DIAG5	PY	.003	.003	0	0
92	H DIAG4	PY	.003	.003	0	0
93	H DIAG3	PY	.003	.003	0	0
94	H DIAG2	PY	.003	.003	0	0
95	H DIAG1	PY	.006	.006	0	0
96	GAMMATIEBACK1	PY	.006	.006	0	0
97	FACEC6	PY	.006	.006	0	0
98	FACEC5	PY	.006	.006	0	0
99	FACEC4	PY	.006	.006	0	0
100	FACEC3	PY	.006	.006	0	0
101	FACEC2	PY	.006	.006	0	0
102	FACEC1	PY	.006	.006	0	0
103	FACEA6	PY	.006	.006	0	0
104	FACEA5	PY	.006	.006	0	0
105	FACEA4	PY	.006	.006	0	0
106	FACEA3	PY	.006	.006	0	0
107	FACEA2	PY	.006	.006	0	0
108	FACEA1	PY	.006	.006	0	0
109	FACE12	PY	.006	.006	0	0
110	FACE11	PY	.006	.006	0	0
111	FACE10	PY	.006	.006	0	0
112	FACE9	PY	.006	.006	0	0
113	FACE8	PY	.006	.006	0	0
114	FACE7	PY	.006	.006	0	0
115	FACE6	PY	.006	.006	0	0
116	FACE5	PY	.006	.006	0	0
117	FACE4	PY	.006	.006	0	0
118	FACE3	PY	.006	.006	0	0
119	FACE2	PY	.003	.003	0	0
120	FACE1	PY	.004	.004	0	0
121	DELTA TIEBACK1	PY	.004	.004	0	0
122	ANGLE4	PY	.008	.008	0	0
123	ANGLE3	PY	.008	.008	0	0
124	ANG FACE8	PY	.008	.008	0	0
125	ANG FACE5	PY	.008	.008	0	0
126	ANG FACE4	PY	.008	.008	0	0
127	ANG FACE1	PY	.008	.008	0	0

Member Distributed Loads (BLC 35 : Ice Wind Load (210))

Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F,...	Start Location[ft, %]	End Location[ft, %]
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Member Distributed Loads (BLC 35 : Ice Wind Load (210)) (Continued)

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]	
1	VERTC5	PY	.004	.004	0	0
2	VERTC4	PY	.004	.004	0	0
3	VERTC3	PY	.004	.004	0	0
4	VERTC2	PY	.004	.004	0	0
5	VERTC1	PY	.004	.004	0	0
6	VERTA5	PY	.004	.004	0	0
7	VERTA4	PY	.004	.004	0	0
8	VERTA3	PY	.004	.004	0	0
9	VERTA2	PY	.004	.004	0	0
10	VERTA1	PY	.004	.004	0	0
11	VERT28	PY	.004	.004	0	0
12	VERT27	PY	.004	.004	0	0
13	VERT26	PY	.004	.004	0	0
14	VERT25	PY	.004	.004	0	0
15	VERT24	PY	.004	.004	0	0
16	VERT23	PY	.004	.004	0	0
17	VERT22	PY	.004	.004	0	0
18	VERT13	PY	.004	.004	0	0
19	VERT12	PY	.004	.004	0	0
20	VERT11	PY	.004	.004	0	0
21	VERT10	PY	.004	.004	0	0
22	VERT9	PY	.004	.004	0	0
23	VERT8	PY	.004	.004	0	0
24	SODIAG1D	PY	.004	.004	0	0
25	SODIAG1C	PY	.004	.004	0	0
26	SO2D	PY	.004	.004	0	0
27	SO2C	PY	.004	.004	0	0
28	SO1D	PY	.004	.004	0	0
29	SO1C	PY	.004	.004	0	0
30	RAIL14	PY	.004	.004	0	0
31	RAIL13	PY	.004	.004	0	0
32	RAIL6	PY	.004	.004	0	0
33	RAIL5	PY	.004	.004	0	0
34	PL8	PY	.004	.004	0	0
35	PL7	PY	.004	.004	0	0
36	PL5	PY	.004	.004	0	0
37	PL4	PY	.004	.004	0	0
38	PL1	PY	.004	.004	0	0
39	PIPE1D	PY	.003	.003	0	0
40	PIPE1C	PY	.003	.003	0	0
41	MTIEBACK	PY	.001	.001	0	0
42	MSTAB6	PY	.002	.002	0	0
43	MSTAB5	PY	.002	.002	0	0
44	MSTAB4	PY	.002	.002	0	0
45	MSTAB3	PY	.002	.002	0	0
46	MSTAB2	PY	.002	.002	0	0
47	MSTAB1	PY	.002	.002	0	0
48	MRAIL3	PY	.002	.002	0	0
49	MRAIL2	PY	.002	.002	0	0
50	MRAIL1	PY	.002	.002	0	0
51	MP GAMMA3	PY	.003	.003	0	0
52	MP GAMMA2	PY	.003	.003	0	0
53	MP GAMMA1	PY	.003	.003	0	0
54	MP BETA3	PY	.003	.003	0	0
55	MP BETA2	PY	.003	.003	0	0
56	MP BETA1	PY	.003	.003	0	0
57	MP ALPHA3	PY	.003	.003	0	0



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Member Distributed Loads (BLC 35 : Ice Wind Load (210)) (Continued)

	Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]
58	MP ALPHA2	PY	.003	.003	0	0
59	MP ALPHA1	PY	.003	.003	0	0
60	MID RAIL8	PY	.004	.004	0	0
61	MID RAIL7	PY	.004	.004	0	0
62	MID RAIL4	PY	.004	.004	0	0
63	MID RAIL3	PY	.004	.004	0	0
64	M170	PY	.007	.007	0	0
65	M169	PY	.003	.003	0	0
66	KICKER8	PY	.004	.004	0	0
67	KICKER7	PY	.004	.004	0	0
68	KICKER6	PY	.004	.004	0	0
69	KICKER5	PY	.004	.004	0	0
70	KICKER4	PY	.004	.004	0	0
71	KICKER3	PY	.004	.004	0	0
72	KICKER2	PY	.005	.005	0	0
73	KICKER1	PY	.005	.005	0	0
74	INNER8	PY	.005	.005	0	0
75	INNER7	PY	.005	.005	0	0
76	INNER6	PY	.005	.005	0	0
77	INNER5	PY	.005	.005	0	0
78	INNER4	PY	.005	.005	0	0
79	INNER3	PY	.005	.005	0	0
80	INNER2	PY	.004	.004	0	0
81	INNER1	PY	.004	.004	0	0
82	HORIZ16	PY	.004	.004	0	0
83	HORIZ15	PY	.004	.004	0	0
84	HORIZ14	PY	.004	.004	0	0
85	HORIZ13	PY	.004	.004	0	0
86	HORIZ6	PY	.002	.002	0	0
87	HORIZ5	PY	.002	.002	0	0
88	H DIAG8	PY	.002	.002	0	0
89	H DIAG7	PY	.002	.002	0	0
90	H DIAG6	PY	.002	.002	0	0
91	H DIAG5	PY	.002	.002	0	0
92	H DIAG4	PY	.002	.002	0	0
93	H DIAG3	PY	.002	.002	0	0
94	H DIAG2	PY	.003	.003	0	0
95	H DIAG1	PY	.005	.005	0	0
96	GAMMATIEBACK1	PY	.005	.005	0	0
97	FACEC6	PY	.005	.005	0	0
98	FACEC5	PY	.005	.005	0	0
99	FACEC4	PY	.005	.005	0	0
100	FACEC3	PY	.005	.005	0	0
101	FACEC2	PY	.005	.005	0	0
102	FACEC1	PY	.005	.005	0	0
103	FACEA6	PY	.005	.005	0	0
104	FACEA5	PY	.005	.005	0	0
105	FACEA4	PY	.005	.005	0	0
106	FACEA3	PY	.005	.005	0	0
107	FACEA2	PY	.005	.005	0	0
108	FACEA1	PY	.005	.005	0	0
109	FACE12	PY	.005	.005	0	0
110	FACE11	PY	.005	.005	0	0
111	FACE10	PY	.005	.005	0	0
112	FACE9	PY	.005	.005	0	0
113	FACE8	PY	.005	.005	0	0
114	FACE7	PY	.005	.005	0	0



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Member Distributed Loads (BLC 35 : Ice Wind Load (210)) (Continued)

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]	
115	FACE6	PY	.005	.005	0	0
116	FACE5	PY	.005	.005	0	0
117	FACE4	PY	.005	.005	0	0
118	FACE3	PY	.005	.005	0	0
119	FACE2	PY	.003	.003	0	0
120	FACE1	PY	.003	.003	0	0
121	DELTA TIEBACK1	PY	.003	.003	0	0
122	ANGLE4	PY	.007	.007	0	0
123	ANGLE3	PY	.007	.007	0	0
124	ANG FACE8	PY	.007	.007	0	0
125	ANG FACE5	PY	.007	.007	0	0
126	ANG FACE4	PY	.007	.007	0	0
127	ANG FACE1	PY	.007	.007	0	0
128	VERTC5	PX	.003	.003	0	0
129	VERTC4	PX	.003	.003	0	0
130	VERTC3	PX	.003	.003	0	0
131	VERTC2	PX	.003	.003	0	0
132	VERTC1	PX	.003	.003	0	0
133	VERTA5	PX	.003	.003	0	0
134	VERTA4	PX	.003	.003	0	0
135	VERTA3	PX	.003	.003	0	0
136	VERTA2	PX	.003	.003	0	0
137	VERTA1	PX	.003	.003	0	0
138	VERT28	PX	.003	.003	0	0
139	VERT27	PX	.003	.003	0	0
140	VERT26	PX	.003	.003	0	0
141	VERT25	PX	.003	.003	0	0
142	VERT24	PX	.003	.003	0	0
143	VERT23	PX	.003	.003	0	0
144	VERT22	PX	.003	.003	0	0
145	VERT13	PX	.003	.003	0	0
146	VERT12	PX	.003	.003	0	0
147	VERT11	PX	.003	.003	0	0
148	VERT10	PX	.003	.003	0	0
149	VERT9	PX	.003	.003	0	0
150	VERT8	PX	.003	.003	0	0
151	SODIAG1D	PX	.003	.003	0	0
152	SODIAG1C	PX	.003	.003	0	0
153	SO2D	PX	.003	.003	0	0
154	SO2C	PX	.003	.003	0	0
155	SO1D	PX	.003	.003	0	0
156	SO1C	PX	.003	.003	0	0
157	RAIL14	PX	.003	.003	0	0
158	RAIL13	PX	.003	.003	0	0
159	RAIL6	PX	.003	.003	0	0
160	RAIL5	PX	.003	.003	0	0
161	PL8	PX	.002	.002	0	0
162	PL7	PX	.002	.002	0	0
163	PL5	PX	.002	.002	0	0
164	PL4	PX	.002	.002	0	0
165	PL1	PX	.002	.002	0	0
166	PIPE1D	PX	.002	.002	0	0
167	PIPE1C	PX	.002	.002	0	0
168	MTIEBACK	PX	.000825	.000825	0	0
169	MSTAB6	PX	.001	.001	0	0
170	MSTAB5	PX	.001	.001	0	0
171	MSTAB4	PX	.001	.001	0	0



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Member Distributed Loads (BLC 35 : Ice Wind Load (210)) (Continued)

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]	
172	MSTAB3	PX	.001	.001	0	0
173	MSTAB2	PX	.001	.001	0	0
174	MSTAB1	PX	.001	.001	0	0
175	MRAIL3	PX	.000923	.000923	0	0
176	MRAIL2	PX	.000923	.000923	0	0
177	MRAIL1	PX	.000923	.000923	0	0
178	MP GAMMA3	PX	.002	.002	0	0
179	MP GAMMA2	PX	.002	.002	0	0
180	MP GAMMA1	PX	.002	.002	0	0
181	MP BETA3	PX	.002	.002	0	0
182	MP BETA2	PX	.002	.002	0	0
183	MP BETA1	PX	.002	.002	0	0
184	MP ALPHA3	PX	.002	.002	0	0
185	MP ALPHA2	PX	.002	.002	0	0
186	MP ALPHA1	PX	.002	.002	0	0
187	MID RAIL8	PX	.003	.003	0	0
188	MID RAIL7	PX	.003	.003	0	0
189	MID RAIL4	PX	.003	.003	0	0
190	MID RAIL3	PX	.003	.003	0	0
191	M170	PX	.004	.004	0	0
192	M169	PX	.002	.002	0	0
193	KICKER8	PX	.003	.003	0	0
194	KICKER7	PX	.003	.003	0	0
195	KICKER6	PX	.003	.003	0	0
196	KICKER5	PX	.003	.003	0	0
197	KICKER4	PX	.003	.003	0	0
198	KICKER3	PX	.003	.003	0	0
199	KICKER2	PX	.003	.003	0	0
200	KICKER1	PX	.003	.003	0	0
201	INNER8	PX	.003	.003	0	0
202	INNER7	PX	.003	.003	0	0
203	INNER6	PX	.003	.003	0	0
204	INNER5	PX	.003	.003	0	0
205	INNER4	PX	.003	.003	0	0
206	INNER3	PX	.003	.003	0	0
207	INNER2	PX	.003	.003	0	0
208	INNER1	PX	.003	.003	0	0
209	HORIZ16	PX	.003	.003	0	0
210	HORIZ15	PX	.003	.003	0	0
211	HORIZ14	PX	.003	.003	0	0
212	HORIZ13	PX	.003	.003	0	0
213	HORIZ6	PX	.001	.001	0	0
214	HORIZ5	PX	.001	.001	0	0
215	H DIAG8	PX	.001	.001	0	0
216	H DIAG7	PX	.001	.001	0	0
217	H DIAG6	PX	.001	.001	0	0
218	H DIAG5	PX	.001	.001	0	0
219	H DIAG4	PX	.001	.001	0	0
220	H DIAG3	PX	.001	.001	0	0
221	H DIAG2	PX	.002	.002	0	0
222	H DIAG1	PX	.003	.003	0	0
223	GAMMATIEBACK1	PX	.003	.003	0	0
224	FACEC6	PX	.003	.003	0	0
225	FACEC5	PX	.003	.003	0	0
226	FACEC4	PX	.003	.003	0	0
227	FACEC3	PX	.003	.003	0	0
228	FACEC2	PX	.003	.003	0	0



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Member Distributed Loads (BLC 35 : Ice Wind Load (210)) (Continued)

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]	
229	FACEC1	PX	.003	.003	0	0
230	FACEA6	PX	.003	.003	0	0
231	FACEA5	PX	.003	.003	0	0
232	FACEA4	PX	.003	.003	0	0
233	FACEA3	PX	.003	.003	0	0
234	FACEA2	PX	.003	.003	0	0
235	FACEA1	PX	.003	.003	0	0
236	FACE12	PX	.003	.003	0	0
237	FACE11	PX	.003	.003	0	0
238	FACE10	PX	.003	.003	0	0
239	FACE9	PX	.003	.003	0	0
240	FACE8	PX	.003	.003	0	0
241	FACE7	PX	.003	.003	0	0
242	FACE6	PX	.003	.003	0	0
243	FACE5	PX	.003	.003	0	0
244	FACE4	PX	.003	.003	0	0
245	FACE3	PX	.003	.003	0	0
246	FACE2	PX	.002	.002	0	0
247	FACE1	PX	.002	.002	0	0
248	DELTA TIEBACK1	PX	.002	.002	0	0
249	ANGLE4	PX	.004	.004	0	0
250	ANGLE3	PX	.004	.004	0	0
251	ANG FACE8	PX	.004	.004	0	0
252	ANG FACE5	PX	.004	.004	0	0
253	ANG FACE4	PX	.004	.004	0	0
254	ANG FACE1	PX	.004	.004	0	0

Member Distributed Loads (BLC 36 : Ice Wind Load (240))

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]	
1	VERTC5	PY	.003	.003	0	0
2	VERTC4	PY	.003	.003	0	0
3	VERTC3	PY	.003	.003	0	0
4	VERTC2	PY	.003	.003	0	0
5	VERTC1	PY	.003	.003	0	0
6	VERTA5	PY	.003	.003	0	0
7	VERTA4	PY	.003	.003	0	0
8	VERTA3	PY	.003	.003	0	0
9	VERTA2	PY	.003	.003	0	0
10	VERTA1	PY	.003	.003	0	0
11	VERT28	PY	.003	.003	0	0
12	VERT27	PY	.003	.003	0	0
13	VERT26	PY	.003	.003	0	0
14	VERT25	PY	.003	.003	0	0
15	VERT24	PY	.003	.003	0	0
16	VERT23	PY	.003	.003	0	0
17	VERT22	PY	.003	.003	0	0
18	VERT13	PY	.003	.003	0	0
19	VERT12	PY	.003	.003	0	0
20	VERT11	PY	.003	.003	0	0
21	VERT10	PY	.003	.003	0	0
22	VERT9	PY	.003	.003	0	0
23	VERT8	PY	.003	.003	0	0
24	SODIAG1D	PY	.003	.003	0	0
25	SODIAG1C	PY	.003	.003	0	0
26	SO2D	PY	.003	.003	0	0
27	SO2C	PY	.003	.003	0	0



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Member Distributed Loads (BLC 36 : Ice Wind Load (240)) (Continued)

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]	
28	SO1D	PY	.003	.003	0	0
29	SO1C	PY	.003	.003	0	0
30	RAIL14	PY	.003	.003	0	0
31	RAIL13	PY	.003	.003	0	0
32	RAIL6	PY	.003	.003	0	0
33	RAIL5	PY	.003	.003	0	0
34	PL8	PY	.002	.002	0	0
35	PL7	PY	.002	.002	0	0
36	PL5	PY	.002	.002	0	0
37	PL4	PY	.002	.002	0	0
38	PL1	PY	.002	.002	0	0
39	PIPE1D	PY	.002	.002	0	0
40	PIPE1C	PY	.002	.002	0	0
41	MTIEBACK	PY	.000825	.000825	0	0
42	MSTAB6	PY	.001	.001	0	0
43	MSTAB5	PY	.001	.001	0	0
44	MSTAB4	PY	.001	.001	0	0
45	MSTAB3	PY	.001	.001	0	0
46	MSTAB2	PY	.001	.001	0	0
47	MSTAB1	PY	.001	.001	0	0
48	MRAIL3	PY	.000923	.000923	0	0
49	MRAIL2	PY	.000923	.000923	0	0
50	MRAIL1	PY	.000923	.000923	0	0
51	MP GAMMA3	PY	.002	.002	0	0
52	MP GAMMA2	PY	.002	.002	0	0
53	MP GAMMA1	PY	.002	.002	0	0
54	MP BETA3	PY	.002	.002	0	0
55	MP BETA2	PY	.002	.002	0	0
56	MP BETA1	PY	.002	.002	0	0
57	MP ALPHA3	PY	.002	.002	0	0
58	MP ALPHA2	PY	.002	.002	0	0
59	MP ALPHA1	PY	.002	.002	0	0
60	MID RAIL8	PY	.003	.003	0	0
61	MID RAIL7	PY	.003	.003	0	0
62	MID RAIL4	PY	.003	.003	0	0
63	MID RAIL3	PY	.003	.003	0	0
64	M170	PY	.004	.004	0	0
65	M169	PY	.002	.002	0	0
66	KICKER8	PY	.003	.003	0	0
67	KICKER7	PY	.003	.003	0	0
68	KICKER6	PY	.003	.003	0	0
69	KICKER5	PY	.003	.003	0	0
70	KICKER4	PY	.003	.003	0	0
71	KICKER3	PY	.003	.003	0	0
72	KICKER2	PY	.003	.003	0	0
73	KICKER1	PY	.003	.003	0	0
74	INNER8	PY	.003	.003	0	0
75	INNER7	PY	.003	.003	0	0
76	INNER6	PY	.003	.003	0	0
77	INNER5	PY	.003	.003	0	0
78	INNER4	PY	.003	.003	0	0
79	INNER3	PY	.003	.003	0	0
80	INNER2	PY	.003	.003	0	0
81	INNER1	PY	.003	.003	0	0
82	HORIZ16	PY	.003	.003	0	0
83	HORIZ15	PY	.003	.003	0	0
84	HORIZ14	PY	.003	.003	0	0



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Member Distributed Loads (BLC 36 : Ice Wind Load (240)) (Continued)

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]	
85	HORIZ13	PY	.003	.003	0	0
86	HORIZ6	PY	.001	.001	0	0
87	HORIZ5	PY	.001	.001	0	0
88	H DIAG8	PY	.001	.001	0	0
89	H DIAG7	PY	.001	.001	0	0
90	H DIAG6	PY	.001	.001	0	0
91	H DIAG5	PY	.001	.001	0	0
92	H DIAG4	PY	.001	.001	0	0
93	H DIAG3	PY	.001	.001	0	0
94	H DIAG2	PY	.002	.002	0	0
95	H DIAG1	PY	.003	.003	0	0
96	GAMMATIEBACK1	PY	.003	.003	0	0
97	FACEC6	PY	.003	.003	0	0
98	FACEC5	PY	.003	.003	0	0
99	FACEC4	PY	.003	.003	0	0
100	FACEC3	PY	.003	.003	0	0
101	FACEC2	PY	.003	.003	0	0
102	FACEC1	PY	.003	.003	0	0
103	FACEA6	PY	.003	.003	0	0
104	FACEA5	PY	.003	.003	0	0
105	FACEA4	PY	.003	.003	0	0
106	FACEA3	PY	.003	.003	0	0
107	FACEA2	PY	.003	.003	0	0
108	FACEA1	PY	.003	.003	0	0
109	FACE12	PY	.003	.003	0	0
110	FACE11	PY	.003	.003	0	0
111	FACE10	PY	.003	.003	0	0
112	FACE9	PY	.003	.003	0	0
113	FACE8	PY	.003	.003	0	0
114	FACE7	PY	.003	.003	0	0
115	FACE6	PY	.003	.003	0	0
116	FACE5	PY	.003	.003	0	0
117	FACE4	PY	.003	.003	0	0
118	FACE3	PY	.003	.003	0	0
119	FACE2	PY	.002	.002	0	0
120	FACE1	PY	.002	.002	0	0
121	DELTA TIEBACK1	PY	.002	.002	0	0
122	ANGLE4	PY	.004	.004	0	0
123	ANGLE3	PY	.004	.004	0	0
124	ANG FACE8	PY	.004	.004	0	0
125	ANG FACE5	PY	.004	.004	0	0
126	ANG FACE4	PY	.004	.004	0	0
127	ANG FACE1	PY	.004	.004	0	0
128	VERTC5	PX	.004	.004	0	0
129	VERTC4	PX	.004	.004	0	0
130	VERTC3	PX	.004	.004	0	0
131	VERTC2	PX	.004	.004	0	0
132	VERTC1	PX	.004	.004	0	0
133	VERTA5	PX	.004	.004	0	0
134	VERTA4	PX	.004	.004	0	0
135	VERTA3	PX	.004	.004	0	0
136	VERTA2	PX	.004	.004	0	0
137	VERTA1	PX	.004	.004	0	0
138	VERT28	PX	.004	.004	0	0
139	VERT27	PX	.004	.004	0	0
140	VERT26	PX	.004	.004	0	0
141	VERT25	PX	.004	.004	0	0



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Member Distributed Loads (BLC 36 : Ice Wind Load (240)) (Continued)

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]	
142	VERT24	PX	.004	.004	0	0
143	VERT23	PX	.004	.004	0	0
144	VERT22	PX	.004	.004	0	0
145	VERT13	PX	.004	.004	0	0
146	VERT12	PX	.004	.004	0	0
147	VERT11	PX	.004	.004	0	0
148	VERT10	PX	.004	.004	0	0
149	VERT9	PX	.004	.004	0	0
150	VERT8	PX	.004	.004	0	0
151	SODIAG1D	PX	.004	.004	0	0
152	SODIAG1C	PX	.004	.004	0	0
153	SO2D	PX	.004	.004	0	0
154	SO2C	PX	.004	.004	0	0
155	SO1D	PX	.004	.004	0	0
156	SO1C	PX	.004	.004	0	0
157	RAIL14	PX	.004	.004	0	0
158	RAIL13	PX	.004	.004	0	0
159	RAIL6	PX	.004	.004	0	0
160	RAIL5	PX	.004	.004	0	0
161	PL8	PX	.004	.004	0	0
162	PL7	PX	.004	.004	0	0
163	PL5	PX	.004	.004	0	0
164	PL4	PX	.004	.004	0	0
165	PL1	PX	.004	.004	0	0
166	PIPE1D	PX	.003	.003	0	0
167	PIPE1C	PX	.003	.003	0	0
168	MTIEBACK	PX	.001	.001	0	0
169	MSTAB6	PX	.002	.002	0	0
170	MSTAB5	PX	.002	.002	0	0
171	MSTAB4	PX	.002	.002	0	0
172	MSTAB3	PX	.002	.002	0	0
173	MSTAB2	PX	.002	.002	0	0
174	MSTAB1	PX	.002	.002	0	0
175	MRAIL3	PX	.002	.002	0	0
176	MRAIL2	PX	.002	.002	0	0
177	MRAIL1	PX	.002	.002	0	0
178	MP GAMMA3	PX	.003	.003	0	0
179	MP GAMMA2	PX	.003	.003	0	0
180	MP GAMMA1	PX	.003	.003	0	0
181	MP BETA3	PX	.003	.003	0	0
182	MP BETA2	PX	.003	.003	0	0
183	MP BETA1	PX	.003	.003	0	0
184	MP ALPHA3	PX	.003	.003	0	0
185	MP ALPHA2	PX	.003	.003	0	0
186	MP ALPHA1	PX	.003	.003	0	0
187	MID RAIL8	PX	.004	.004	0	0
188	MID RAIL7	PX	.004	.004	0	0
189	MID RAIL4	PX	.004	.004	0	0
190	MID RAIL3	PX	.004	.004	0	0
191	M170	PX	.007	.007	0	0
192	M169	PX	.003	.003	0	0
193	KICKER8	PX	.004	.004	0	0
194	KICKER7	PX	.004	.004	0	0
195	KICKER6	PX	.004	.004	0	0
196	KICKER5	PX	.004	.004	0	0
197	KICKER4	PX	.004	.004	0	0
198	KICKER3	PX	.004	.004	0	0



Member Distributed Loads (BLC 36 : Ice Wind Load (240)) (Continued)

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]	
199	KICKER2	PX	.005	.005	0	0
200	KICKER1	PX	.005	.005	0	0
201	INNER8	PX	.005	.005	0	0
202	INNER7	PX	.005	.005	0	0
203	INNER6	PX	.005	.005	0	0
204	INNER5	PX	.005	.005	0	0
205	INNER4	PX	.005	.005	0	0
206	INNER3	PX	.005	.005	0	0
207	INNER2	PX	.004	.004	0	0
208	INNER1	PX	.004	.004	0	0
209	HORIZ16	PX	.004	.004	0	0
210	HORIZ15	PX	.004	.004	0	0
211	HORIZ14	PX	.004	.004	0	0
212	HORIZ13	PX	.004	.004	0	0
213	HORIZ6	PX	.002	.002	0	0
214	HORIZ5	PX	.002	.002	0	0
215	H DIAG8	PX	.002	.002	0	0
216	H DIAG7	PX	.002	.002	0	0
217	H DIAG6	PX	.002	.002	0	0
218	H DIAG5	PX	.002	.002	0	0
219	H DIAG4	PX	.002	.002	0	0
220	H DIAG3	PX	.002	.002	0	0
221	H DIAG2	PX	.003	.003	0	0
222	H DIAG1	PX	.005	.005	0	0
223	GAMMATIEBACK1	PX	.005	.005	0	0
224	FACEC6	PX	.005	.005	0	0
225	FACEC5	PX	.005	.005	0	0
226	FACEC4	PX	.005	.005	0	0
227	FACEC3	PX	.005	.005	0	0
228	FACEC2	PX	.005	.005	0	0
229	FACEC1	PX	.005	.005	0	0
230	FACEA6	PX	.005	.005	0	0
231	FACEA5	PX	.005	.005	0	0
232	FACEA4	PX	.005	.005	0	0
233	FACEA3	PX	.005	.005	0	0
234	FACEA2	PX	.005	.005	0	0
235	FACEA1	PX	.005	.005	0	0
236	FACE12	PX	.005	.005	0	0
237	FACE11	PX	.005	.005	0	0
238	FACE10	PX	.005	.005	0	0
239	FACE9	PX	.005	.005	0	0
240	FACE8	PX	.005	.005	0	0
241	FACE7	PX	.005	.005	0	0
242	FACE6	PX	.005	.005	0	0
243	FACE5	PX	.005	.005	0	0
244	FACE4	PX	.005	.005	0	0
245	FACE3	PX	.005	.005	0	0
246	FACE2	PX	.003	.003	0	0
247	FACE1	PX	.003	.003	0	0
248	DELTA TIEBACK1	PX	.003	.003	0	0
249	ANGLE4	PX	.007	.007	0	0
250	ANGLE3	PX	.007	.007	0	0
251	ANG FACE8	PX	.007	.007	0	0
252	ANG FACE5	PX	.007	.007	0	0
253	ANG FACE4	PX	.007	.007	0	0
254	ANG FACE1	PX	.007	.007	0	0



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Member Distributed Loads (BLC 37 : Ice Wind Load (270))

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]	
1	VERTC5	PX	.005	.005	0	0
2	VERTC4	PX	.005	.005	0	0
3	VERTC3	PX	.005	.005	0	0
4	VERTC2	PX	.005	.005	0	0
5	VERTC1	PX	.005	.005	0	0
6	VERTA5	PX	.005	.005	0	0
7	VERTA4	PX	.005	.005	0	0
8	VERTA3	PX	.005	.005	0	0
9	VERTA2	PX	.005	.005	0	0
10	VERTA1	PX	.005	.005	0	0
11	VERT28	PX	.005	.005	0	0
12	VERT27	PX	.005	.005	0	0
13	VERT26	PX	.005	.005	0	0
14	VERT25	PX	.005	.005	0	0
15	VERT24	PX	.005	.005	0	0
16	VERT23	PX	.005	.005	0	0
17	VERT22	PX	.005	.005	0	0
18	VERT13	PX	.005	.005	0	0
19	VERT12	PX	.005	.005	0	0
20	VERT11	PX	.005	.005	0	0
21	VERT10	PX	.005	.005	0	0
22	VERT9	PX	.005	.005	0	0
23	VERT8	PX	.005	.005	0	0
24	SODIAG1D	PX	.005	.005	0	0
25	SODIAG1C	PX	.005	.005	0	0
26	SO2D	PX	.005	.005	0	0
27	SO2C	PX	.005	.005	0	0
28	SO1D	PX	.005	.005	0	0
29	SO1C	PX	.005	.005	0	0
30	RAIL14	PX	.005	.005	0	0
31	RAIL13	PX	.005	.005	0	0
32	RAIL6	PX	.005	.005	0	0
33	RAIL5	PX	.005	.005	0	0
34	PL8	PX	.005	.005	0	0
35	PL7	PX	.005	.005	0	0
36	PL5	PX	.005	.005	0	0
37	PL4	PX	.005	.005	0	0
38	PL1	PX	.005	.005	0	0
39	PIPE1D	PX	.003	.003	0	0
40	PIPE1C	PX	.003	.003	0	0
41	MTIEBACK	PX	.002	.002	0	0
42	MSTAB6	PX	.003	.003	0	0
43	MSTAB5	PX	.003	.003	0	0
44	MSTAB4	PX	.003	.003	0	0
45	MSTAB3	PX	.003	.003	0	0
46	MSTAB2	PX	.003	.003	0	0
47	MSTAB1	PX	.003	.003	0	0
48	MRAIL3	PX	.002	.002	0	0
49	MRAIL2	PX	.002	.002	0	0
50	MRAIL1	PX	.002	.002	0	0
51	MP GAMMA3	PX	.003	.003	0	0
52	MP GAMMA2	PX	.003	.003	0	0
53	MP GAMMA1	PX	.003	.003	0	0
54	MP BETA3	PX	.003	.003	0	0
55	MP BETA2	PX	.003	.003	0	0
56	MP BETA1	PX	.003	.003	0	0
57	MP ALPHA3	PX	.003	.003	0	0



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Member Distributed Loads (BLC 37 : Ice Wind Load (270)) (Continued)

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]	
58	MP ALPHA2	PX	.003	.003	0	0
59	MP ALPHA1	PX	.003	.003	0	0
60	MID RAIL8	PX	.005	.005	0	0
61	MID RAIL7	PX	.005	.005	0	0
62	MID RAIL4	PX	.005	.005	0	0
63	MID RAIL3	PX	.005	.005	0	0
64	M170	PX	.008	.008	0	0
65	M169	PX	.004	.004	0	0
66	KICKER8	PX	.005	.005	0	0
67	KICKER7	PX	.005	.005	0	0
68	KICKER6	PX	.005	.005	0	0
69	KICKER5	PX	.005	.005	0	0
70	KICKER4	PX	.005	.005	0	0
71	KICKER3	PX	.005	.005	0	0
72	KICKER2	PX	.006	.006	0	0
73	KICKER1	PX	.006	.006	0	0
74	INNER8	PX	.006	.006	0	0
75	INNER7	PX	.006	.006	0	0
76	INNER6	PX	.006	.006	0	0
77	INNER5	PX	.006	.006	0	0
78	INNER4	PX	.006	.006	0	0
79	INNER3	PX	.006	.006	0	0
80	INNER2	PX	.005	.005	0	0
81	INNER1	PX	.005	.005	0	0
82	HORIZ16	PX	.005	.005	0	0
83	HORIZ15	PX	.005	.005	0	0
84	HORIZ14	PX	.005	.005	0	0
85	HORIZ13	PX	.005	.005	0	0
86	HORIZ6	PX	.003	.003	0	0
87	HORIZ5	PX	.003	.003	0	0
88	H DIAG8	PX	.003	.003	0	0
89	H DIAG7	PX	.003	.003	0	0
90	H DIAG6	PX	.003	.003	0	0
91	H DIAG5	PX	.003	.003	0	0
92	H DIAG4	PX	.003	.003	0	0
93	H DIAG3	PX	.003	.003	0	0
94	H DIAG2	PX	.003	.003	0	0
95	H DIAG1	PX	.006	.006	0	0
96	GAMMATIEBACK1	PX	.006	.006	0	0
97	FACEC6	PX	.006	.006	0	0
98	FACEC5	PX	.006	.006	0	0
99	FACEC4	PX	.006	.006	0	0
100	FACEC3	PX	.006	.006	0	0
101	FACEC2	PX	.006	.006	0	0
102	FACEC1	PX	.006	.006	0	0
103	FACEA6	PX	.006	.006	0	0
104	FACEA5	PX	.006	.006	0	0
105	FACEA4	PX	.006	.006	0	0
106	FACEA3	PX	.006	.006	0	0
107	FACEA2	PX	.006	.006	0	0
108	FACEA1	PX	.006	.006	0	0
109	FACE12	PX	.006	.006	0	0
110	FACE11	PX	.006	.006	0	0
111	FACE10	PX	.006	.006	0	0
112	FACE9	PX	.006	.006	0	0
113	FACE8	PX	.006	.006	0	0
114	FACE7	PX	.006	.006	0	0



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Member Distributed Loads (BLC 37 : Ice Wind Load (270)) (Continued)

	Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]
115	FACE6	PX	.006	.006	0	0
116	FACE5	PX	.006	.006	0	0
117	FACE4	PX	.006	.006	0	0
118	FACE3	PX	.006	.006	0	0
119	FACE2	PX	.003	.003	0	0
120	FACE1	PX	.004	.004	0	0
121	DELTA TIEBACK1	PX	.004	.004	0	0
122	ANGLE4	PX	.008	.008	0	0
123	ANGLE3	PX	.008	.008	0	0
124	ANG FACE8	PX	.008	.008	0	0
125	ANG FACE5	PX	.008	.008	0	0
126	ANG FACE4	PX	.008	.008	0	0
127	ANG FACE1	PX	.008	.008	0	0

Member Distributed Loads (BLC 38 : Ice Wind Load (300))

	Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]
1	VERTC5	PY	-.003	-.003	0	0
2	VERTC4	PY	-.003	-.003	0	0
3	VERTC3	PY	-.003	-.003	0	0
4	VERTC2	PY	-.003	-.003	0	0
5	VERTC1	PY	-.003	-.003	0	0
6	VERTA5	PY	-.003	-.003	0	0
7	VERTA4	PY	-.003	-.003	0	0
8	VERTA3	PY	-.003	-.003	0	0
9	VERTA2	PY	-.003	-.003	0	0
10	VERTA1	PY	-.003	-.003	0	0
11	VERT28	PY	-.003	-.003	0	0
12	VERT27	PY	-.003	-.003	0	0
13	VERT26	PY	-.003	-.003	0	0
14	VERT25	PY	-.003	-.003	0	0
15	VERT24	PY	-.003	-.003	0	0
16	VERT23	PY	-.003	-.003	0	0
17	VERT22	PY	-.003	-.003	0	0
18	VERT13	PY	-.003	-.003	0	0
19	VERT12	PY	-.003	-.003	0	0
20	VERT11	PY	-.003	-.003	0	0
21	VERT10	PY	-.003	-.003	0	0
22	VERT9	PY	-.003	-.003	0	0
23	VERT8	PY	-.003	-.003	0	0
24	SODIAG1D	PY	-.003	-.003	0	0
25	SODIAG1C	PY	-.003	-.003	0	0
26	SO2D	PY	-.003	-.003	0	0
27	SO2C	PY	-.003	-.003	0	0
28	SO1D	PY	-.003	-.003	0	0
29	SO1C	PY	-.003	-.003	0	0
30	RAIL14	PY	-.003	-.003	0	0
31	RAIL13	PY	-.003	-.003	0	0
32	RAIL6	PY	-.003	-.003	0	0
33	RAIL5	PY	-.003	-.003	0	0
34	PL8	PY	-.002	-.002	0	0
35	PL7	PY	-.002	-.002	0	0
36	PL5	PY	-.002	-.002	0	0
37	PL4	PY	-.002	-.002	0	0
38	PL1	PY	-.002	-.002	0	0
39	PIPE1D	PY	-.002	-.002	0	0
40	PIPE1C	PY	-.002	-.002	0	0



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Member Distributed Loads (BLC 38 : Ice Wind Load (300)) (Continued)

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]	
41	MTIEBACK	PY	-0.00825	-0.00825	0	0
42	MSTAB6	PY	-0.001	-0.001	0	0
43	MSTAB5	PY	-0.001	-0.001	0	0
44	MSTAB4	PY	-0.001	-0.001	0	0
45	MSTAB3	PY	-0.001	-0.001	0	0
46	MSTAB2	PY	-0.001	-0.001	0	0
47	MSTAB1	PY	-0.001	-0.001	0	0
48	MRAIL3	PY	-0.00923	-0.00923	0	0
49	MRAIL2	PY	-0.00923	-0.00923	0	0
50	MRAIL1	PY	-0.00923	-0.00923	0	0
51	MP GAMMA3	PY	-0.002	-0.002	0	0
52	MP GAMMA2	PY	-0.002	-0.002	0	0
53	MP GAMMA1	PY	-0.002	-0.002	0	0
54	MP BETA3	PY	-0.002	-0.002	0	0
55	MP BETA2	PY	-0.002	-0.002	0	0
56	MP BETA1	PY	-0.002	-0.002	0	0
57	MP ALPHA3	PY	-0.002	-0.002	0	0
58	MP ALPHA2	PY	-0.002	-0.002	0	0
59	MP ALPHA1	PY	-0.002	-0.002	0	0
60	MID RAIL8	PY	-0.003	-0.003	0	0
61	MID RAIL7	PY	-0.003	-0.003	0	0
62	MID RAIL4	PY	-0.003	-0.003	0	0
63	MID RAIL3	PY	-0.003	-0.003	0	0
64	M170	PY	-0.004	-0.004	0	0
65	M169	PY	-0.002	-0.002	0	0
66	KICKER8	PY	-0.003	-0.003	0	0
67	KICKER7	PY	-0.003	-0.003	0	0
68	KICKER6	PY	-0.003	-0.003	0	0
69	KICKER5	PY	-0.003	-0.003	0	0
70	KICKER4	PY	-0.003	-0.003	0	0
71	KICKER3	PY	-0.003	-0.003	0	0
72	KICKER2	PY	-0.003	-0.003	0	0
73	KICKER1	PY	-0.003	-0.003	0	0
74	INNER8	PY	-0.003	-0.003	0	0
75	INNER7	PY	-0.003	-0.003	0	0
76	INNER6	PY	-0.003	-0.003	0	0
77	INNER5	PY	-0.003	-0.003	0	0
78	INNER4	PY	-0.003	-0.003	0	0
79	INNER3	PY	-0.003	-0.003	0	0
80	INNER2	PY	-0.003	-0.003	0	0
81	INNER1	PY	-0.003	-0.003	0	0
82	HORIZ16	PY	-0.003	-0.003	0	0
83	HORIZ15	PY	-0.003	-0.003	0	0
84	HORIZ14	PY	-0.003	-0.003	0	0
85	HORIZ13	PY	-0.003	-0.003	0	0
86	HORIZ6	PY	-0.001	-0.001	0	0
87	HORIZ5	PY	-0.001	-0.001	0	0
88	H DIAG8	PY	-0.001	-0.001	0	0
89	H DIAG7	PY	-0.001	-0.001	0	0
90	H DIAG6	PY	-0.001	-0.001	0	0
91	H DIAG5	PY	-0.001	-0.001	0	0
92	H DIAG4	PY	-0.001	-0.001	0	0
93	H DIAG3	PY	-0.001	-0.001	0	0
94	H DIAG2	PY	-0.002	-0.002	0	0
95	H DIAG1	PY	-0.003	-0.003	0	0
96	GAMMATIEBACK1	PY	-0.003	-0.003	0	0
97	FACEC6	PY	-0.003	-0.003	0	0



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Member Distributed Loads (BLC 38 : Ice Wind Load (300)) (Continued)

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]	
98	FACEC5	PY	-0.003	-0.003	0	0
99	FACEC4	PY	-0.003	-0.003	0	0
100	FACEC3	PY	-0.003	-0.003	0	0
101	FACEC2	PY	-0.003	-0.003	0	0
102	FACEC1	PY	-0.003	-0.003	0	0
103	FACEA6	PY	-0.003	-0.003	0	0
104	FACEA5	PY	-0.003	-0.003	0	0
105	FACEA4	PY	-0.003	-0.003	0	0
106	FACEA3	PY	-0.003	-0.003	0	0
107	FACEA2	PY	-0.003	-0.003	0	0
108	FACEA1	PY	-0.003	-0.003	0	0
109	FACE12	PY	-0.003	-0.003	0	0
110	FACE11	PY	-0.003	-0.003	0	0
111	FACE10	PY	-0.003	-0.003	0	0
112	FACE9	PY	-0.003	-0.003	0	0
113	FACE8	PY	-0.003	-0.003	0	0
114	FACE7	PY	-0.003	-0.003	0	0
115	FACE6	PY	-0.003	-0.003	0	0
116	FACE5	PY	-0.003	-0.003	0	0
117	FACE4	PY	-0.003	-0.003	0	0
118	FACE3	PY	-0.003	-0.003	0	0
119	FACE2	PY	-0.002	-0.002	0	0
120	FACE1	PY	-0.002	-0.002	0	0
121	DELTA TIEBACK1	PY	-0.002	-0.002	0	0
122	ANGLE4	PY	-0.004	-0.004	0	0
123	ANGLE3	PY	-0.004	-0.004	0	0
124	ANG FACE8	PY	-0.004	-0.004	0	0
125	ANG FACE5	PY	-0.004	-0.004	0	0
126	ANG FACE4	PY	-0.004	-0.004	0	0
127	ANG FACE1	PY	-0.004	-0.004	0	0
128	VERTC5	PX	.004	.004	0	0
129	VERTC4	PX	.004	.004	0	0
130	VERTC3	PX	.004	.004	0	0
131	VERTC2	PX	.004	.004	0	0
132	VERTC1	PX	.004	.004	0	0
133	VERTA5	PX	.004	.004	0	0
134	VERTA4	PX	.004	.004	0	0
135	VERTA3	PX	.004	.004	0	0
136	VERTA2	PX	.004	.004	0	0
137	VERTA1	PX	.004	.004	0	0
138	VERT28	PX	.004	.004	0	0
139	VERT27	PX	.004	.004	0	0
140	VERT26	PX	.004	.004	0	0
141	VERT25	PX	.004	.004	0	0
142	VERT24	PX	.004	.004	0	0
143	VERT23	PX	.004	.004	0	0
144	VERT22	PX	.004	.004	0	0
145	VERT13	PX	.004	.004	0	0
146	VERT12	PX	.004	.004	0	0
147	VERT11	PX	.004	.004	0	0
148	VERT10	PX	.004	.004	0	0
149	VERT9	PX	.004	.004	0	0
150	VERT8	PX	.004	.004	0	0
151	SODIAG1D	PX	.004	.004	0	0
152	SODIAG1C	PX	.004	.004	0	0
153	SO2D	PX	.004	.004	0	0
154	SO2C	PX	.004	.004	0	0



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Member Distributed Loads (BLC 38 : Ice Wind Load (300)) (Continued)

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]	
155	SO1D	PX	.004	.004	0	0
156	SO1C	PX	.004	.004	0	0
157	RAIL14	PX	.004	.004	0	0
158	RAIL13	PX	.004	.004	0	0
159	RAIL6	PX	.004	.004	0	0
160	RAIL5	PX	.004	.004	0	0
161	PL8	PX	.004	.004	0	0
162	PL7	PX	.004	.004	0	0
163	PL5	PX	.004	.004	0	0
164	PL4	PX	.004	.004	0	0
165	PL1	PX	.004	.004	0	0
166	PIPE1D	PX	.003	.003	0	0
167	PIPE1C	PX	.003	.003	0	0
168	MTIEBACK	PX	.001	.001	0	0
169	MSTAB6	PX	.002	.002	0	0
170	MSTAB5	PX	.002	.002	0	0
171	MSTAB4	PX	.002	.002	0	0
172	MSTAB3	PX	.002	.002	0	0
173	MSTAB2	PX	.002	.002	0	0
174	MSTAB1	PX	.002	.002	0	0
175	MRAIL3	PX	.002	.002	0	0
176	MRAIL2	PX	.002	.002	0	0
177	MRAIL1	PX	.002	.002	0	0
178	MP GAMMA3	PX	.003	.003	0	0
179	MP GAMMA2	PX	.003	.003	0	0
180	MP GAMMA1	PX	.003	.003	0	0
181	MP BETA3	PX	.003	.003	0	0
182	MP BETA2	PX	.003	.003	0	0
183	MP BETA1	PX	.003	.003	0	0
184	MP ALPHA3	PX	.003	.003	0	0
185	MP ALPHA2	PX	.003	.003	0	0
186	MP ALPHA1	PX	.003	.003	0	0
187	MID RAIL8	PX	.004	.004	0	0
188	MID RAIL7	PX	.004	.004	0	0
189	MID RAIL4	PX	.004	.004	0	0
190	MID RAIL3	PX	.004	.004	0	0
191	M170	PX	.007	.007	0	0
192	M169	PX	.003	.003	0	0
193	KICKER8	PX	.004	.004	0	0
194	KICKER7	PX	.004	.004	0	0
195	KICKER6	PX	.004	.004	0	0
196	KICKER5	PX	.004	.004	0	0
197	KICKER4	PX	.004	.004	0	0
198	KICKER3	PX	.004	.004	0	0
199	KICKER2	PX	.005	.005	0	0
200	KICKER1	PX	.005	.005	0	0
201	INNER8	PX	.005	.005	0	0
202	INNER7	PX	.005	.005	0	0
203	INNER6	PX	.005	.005	0	0
204	INNER5	PX	.005	.005	0	0
205	INNER4	PX	.005	.005	0	0
206	INNER3	PX	.005	.005	0	0
207	INNER2	PX	.004	.004	0	0
208	INNER1	PX	.004	.004	0	0
209	HORIZ16	PX	.004	.004	0	0
210	HORIZ15	PX	.004	.004	0	0
211	HORIZ14	PX	.004	.004	0	0



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Member Distributed Loads (BLC 38 : Ice Wind Load (300)) (Continued)

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]	
212	HORIZ13	PX	.004	.004	0	0
213	HORIZ6	PX	.002	.002	0	0
214	HORIZ5	PX	.002	.002	0	0
215	H DIAG8	PX	.002	.002	0	0
216	H DIAG7	PX	.002	.002	0	0
217	H DIAG6	PX	.002	.002	0	0
218	H DIAG5	PX	.002	.002	0	0
219	H DIAG4	PX	.002	.002	0	0
220	H DIAG3	PX	.002	.002	0	0
221	H DIAG2	PX	.003	.003	0	0
222	H DIAG1	PX	.005	.005	0	0
223	GAMMATIEBACK1	PX	.005	.005	0	0
224	FACEC6	PX	.005	.005	0	0
225	FACEC5	PX	.005	.005	0	0
226	FACEC4	PX	.005	.005	0	0
227	FACEC3	PX	.005	.005	0	0
228	FACEC2	PX	.005	.005	0	0
229	FACEC1	PX	.005	.005	0	0
230	FACEA6	PX	.005	.005	0	0
231	FACEA5	PX	.005	.005	0	0
232	FACEA4	PX	.005	.005	0	0
233	FACEA3	PX	.005	.005	0	0
234	FACEA2	PX	.005	.005	0	0
235	FACEA1	PX	.005	.005	0	0
236	FACE12	PX	.005	.005	0	0
237	FACE11	PX	.005	.005	0	0
238	FACE10	PX	.005	.005	0	0
239	FACE9	PX	.005	.005	0	0
240	FACE8	PX	.005	.005	0	0
241	FACE7	PX	.005	.005	0	0
242	FACE6	PX	.005	.005	0	0
243	FACE5	PX	.005	.005	0	0
244	FACE4	PX	.005	.005	0	0
245	FACE3	PX	.005	.005	0	0
246	FACE2	PX	.003	.003	0	0
247	FACE1	PX	.003	.003	0	0
248	DELTA TIEBACK1	PX	.003	.003	0	0
249	ANGLE4	PX	.007	.007	0	0
250	ANGLE3	PX	.007	.007	0	0
251	ANG FACE8	PX	.007	.007	0	0
252	ANG FACE5	PX	.007	.007	0	0
253	ANG FACE4	PX	.007	.007	0	0
254	ANG FACE1	PX	.007	.007	0	0

Member Distributed Loads (BLC 39 : Ice Wind Load (330))

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]	
1	VERTC5	PY	-.004	-.004	0	0
2	VERTC4	PY	-.004	-.004	0	0
3	VERTC3	PY	-.004	-.004	0	0
4	VERTC2	PY	-.004	-.004	0	0
5	VERTC1	PY	-.004	-.004	0	0
6	VERTA5	PY	-.004	-.004	0	0
7	VERTA4	PY	-.004	-.004	0	0
8	VERTA3	PY	-.004	-.004	0	0
9	VERTA2	PY	-.004	-.004	0	0
10	VERTA1	PY	-.004	-.004	0	0



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Member Distributed Loads (BLC 39 : Ice Wind Load (330)) (Continued)

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]	
11	VERT28	PY	-0.004	-0.004	0	0
12	VERT27	PY	-0.004	-0.004	0	0
13	VERT26	PY	-0.004	-0.004	0	0
14	VERT25	PY	-0.004	-0.004	0	0
15	VERT24	PY	-0.004	-0.004	0	0
16	VERT23	PY	-0.004	-0.004	0	0
17	VERT22	PY	-0.004	-0.004	0	0
18	VERT13	PY	-0.004	-0.004	0	0
19	VERT12	PY	-0.004	-0.004	0	0
20	VERT11	PY	-0.004	-0.004	0	0
21	VERT10	PY	-0.004	-0.004	0	0
22	VERT9	PY	-0.004	-0.004	0	0
23	VERT8	PY	-0.004	-0.004	0	0
24	SODIAG1D	PY	-0.004	-0.004	0	0
25	SODIAG1C	PY	-0.004	-0.004	0	0
26	SO2D	PY	-0.004	-0.004	0	0
27	SO2C	PY	-0.004	-0.004	0	0
28	SO1D	PY	-0.004	-0.004	0	0
29	SO1C	PY	-0.004	-0.004	0	0
30	RAIL14	PY	-0.004	-0.004	0	0
31	RAIL13	PY	-0.004	-0.004	0	0
32	RAIL6	PY	-0.004	-0.004	0	0
33	RAIL5	PY	-0.004	-0.004	0	0
34	PL8	PY	-0.004	-0.004	0	0
35	PL7	PY	-0.004	-0.004	0	0
36	PL5	PY	-0.004	-0.004	0	0
37	PL4	PY	-0.004	-0.004	0	0
38	PL1	PY	-0.004	-0.004	0	0
39	PIPE1D	PY	-0.003	-0.003	0	0
40	PIPE1C	PY	-0.003	-0.003	0	0
41	MTIEBACK	PY	-0.001	-0.001	0	0
42	MSTAB6	PY	-0.002	-0.002	0	0
43	MSTAB5	PY	-0.002	-0.002	0	0
44	MSTAB4	PY	-0.002	-0.002	0	0
45	MSTAB3	PY	-0.002	-0.002	0	0
46	MSTAB2	PY	-0.002	-0.002	0	0
47	MSTAB1	PY	-0.002	-0.002	0	0
48	MRAIL3	PY	-0.002	-0.002	0	0
49	MRAIL2	PY	-0.002	-0.002	0	0
50	MRAIL1	PY	-0.002	-0.002	0	0
51	MP GAMMA3	PY	-0.003	-0.003	0	0
52	MP GAMMA2	PY	-0.003	-0.003	0	0
53	MP GAMMA1	PY	-0.003	-0.003	0	0
54	MP BETA3	PY	-0.003	-0.003	0	0
55	MP BETA2	PY	-0.003	-0.003	0	0
56	MP BETA1	PY	-0.003	-0.003	0	0
57	MP ALPHA3	PY	-0.003	-0.003	0	0
58	MP ALPHA2	PY	-0.003	-0.003	0	0
59	MP ALPHA1	PY	-0.003	-0.003	0	0
60	MID RAIL8	PY	-0.004	-0.004	0	0
61	MID RAIL7	PY	-0.004	-0.004	0	0
62	MID RAIL4	PY	-0.004	-0.004	0	0
63	MID RAIL3	PY	-0.004	-0.004	0	0
64	M170	PY	-0.007	-0.007	0	0
65	M169	PY	-0.003	-0.003	0	0
66	KICKER8	PY	-0.004	-0.004	0	0
67	KICKER7	PY	-0.004	-0.004	0	0



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Member Distributed Loads (BLC 39 : Ice Wind Load (330)) (Continued)

	Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]
68	KICKER6	PY	-0.04	-0.04	0	0
69	KICKER5	PY	-0.04	-0.04	0	0
70	KICKER4	PY	-0.04	-0.04	0	0
71	KICKER3	PY	-0.04	-0.04	0	0
72	KICKER2	PY	-0.05	-0.05	0	0
73	KICKER1	PY	-0.05	-0.05	0	0
74	INNER8	PY	-0.05	-0.05	0	0
75	INNER7	PY	-0.05	-0.05	0	0
76	INNER6	PY	-0.05	-0.05	0	0
77	INNER5	PY	-0.05	-0.05	0	0
78	INNER4	PY	-0.05	-0.05	0	0
79	INNER3	PY	-0.05	-0.05	0	0
80	INNER2	PY	-0.04	-0.04	0	0
81	INNER1	PY	-0.04	-0.04	0	0
82	HORIZ16	PY	-0.04	-0.04	0	0
83	HORIZ15	PY	-0.04	-0.04	0	0
84	HORIZ14	PY	-0.04	-0.04	0	0
85	HORIZ13	PY	-0.04	-0.04	0	0
86	HORIZ6	PY	-0.02	-0.02	0	0
87	HORIZ5	PY	-0.02	-0.02	0	0
88	H DIAG8	PY	-0.02	-0.02	0	0
89	H DIAG7	PY	-0.02	-0.02	0	0
90	H DIAG6	PY	-0.02	-0.02	0	0
91	H DIAG5	PY	-0.02	-0.02	0	0
92	H DIAG4	PY	-0.02	-0.02	0	0
93	H DIAG3	PY	-0.02	-0.02	0	0
94	H DIAG2	PY	-0.03	-0.03	0	0
95	H DIAG1	PY	-0.05	-0.05	0	0
96	GAMMATIEBACK1	PY	-0.05	-0.05	0	0
97	FACEC6	PY	-0.05	-0.05	0	0
98	FACEC5	PY	-0.05	-0.05	0	0
99	FACEC4	PY	-0.05	-0.05	0	0
100	FACEC3	PY	-0.05	-0.05	0	0
101	FACEC2	PY	-0.05	-0.05	0	0
102	FACEC1	PY	-0.05	-0.05	0	0
103	FACEA6	PY	-0.05	-0.05	0	0
104	FACEA5	PY	-0.05	-0.05	0	0
105	FACEA4	PY	-0.05	-0.05	0	0
106	FACEA3	PY	-0.05	-0.05	0	0
107	FACEA2	PY	-0.05	-0.05	0	0
108	FACEA1	PY	-0.05	-0.05	0	0
109	FACE12	PY	-0.05	-0.05	0	0
110	FACE11	PY	-0.05	-0.05	0	0
111	FACE10	PY	-0.05	-0.05	0	0
112	FACE9	PY	-0.05	-0.05	0	0
113	FACE8	PY	-0.05	-0.05	0	0
114	FACE7	PY	-0.05	-0.05	0	0
115	FACE6	PY	-0.05	-0.05	0	0
116	FACE5	PY	-0.05	-0.05	0	0
117	FACE4	PY	-0.05	-0.05	0	0
118	FACE3	PY	-0.05	-0.05	0	0
119	FACE2	PY	-0.03	-0.03	0	0
120	FACE1	PY	-0.03	-0.03	0	0
121	DELTA TIEBACK1	PY	-0.03	-0.03	0	0
122	ANGLE4	PY	-0.07	-0.07	0	0
123	ANGLE3	PY	-0.07	-0.07	0	0
124	ANG FACE8	PY	-0.07	-0.07	0	0



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Member Distributed Loads (BLC 39 : Ice Wind Load (330)) (Continued)

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]	
125	ANG FACE5	PY	-.007	-.007	0	0
126	ANG FACE4	PY	-.007	-.007	0	0
127	ANG FACE1	PY	-.007	-.007	0	0
128	VERTC5	PX	.003	.003	0	0
129	VERTC4	PX	.003	.003	0	0
130	VERTC3	PX	.003	.003	0	0
131	VERTC2	PX	.003	.003	0	0
132	VERTC1	PX	.003	.003	0	0
133	VERTA5	PX	.003	.003	0	0
134	VERTA4	PX	.003	.003	0	0
135	VERTA3	PX	.003	.003	0	0
136	VERTA2	PX	.003	.003	0	0
137	VERTA1	PX	.003	.003	0	0
138	VERT28	PX	.003	.003	0	0
139	VERT27	PX	.003	.003	0	0
140	VERT26	PX	.003	.003	0	0
141	VERT25	PX	.003	.003	0	0
142	VERT24	PX	.003	.003	0	0
143	VERT23	PX	.003	.003	0	0
144	VERT22	PX	.003	.003	0	0
145	VERT13	PX	.003	.003	0	0
146	VERT12	PX	.003	.003	0	0
147	VERT11	PX	.003	.003	0	0
148	VERT10	PX	.003	.003	0	0
149	VERT9	PX	.003	.003	0	0
150	VERT8	PX	.003	.003	0	0
151	SODIAG1D	PX	.003	.003	0	0
152	SODIAG1C	PX	.003	.003	0	0
153	SO2D	PX	.003	.003	0	0
154	SO2C	PX	.003	.003	0	0
155	SO1D	PX	.003	.003	0	0
156	SO1C	PX	.003	.003	0	0
157	RAIL14	PX	.003	.003	0	0
158	RAIL13	PX	.003	.003	0	0
159	RAIL6	PX	.003	.003	0	0
160	RAIL5	PX	.003	.003	0	0
161	PL8	PX	.002	.002	0	0
162	PL7	PX	.002	.002	0	0
163	PL5	PX	.002	.002	0	0
164	PL4	PX	.002	.002	0	0
165	PL1	PX	.002	.002	0	0
166	PIPE1D	PX	.002	.002	0	0
167	PIPE1C	PX	.002	.002	0	0
168	MTIEBACK	PX	.000825	.000825	0	0
169	MSTAB6	PX	.001	.001	0	0
170	MSTAB5	PX	.001	.001	0	0
171	MSTAB4	PX	.001	.001	0	0
172	MSTAB3	PX	.001	.001	0	0
173	MSTAB2	PX	.001	.001	0	0
174	MSTAB1	PX	.001	.001	0	0
175	MRAIL3	PX	.000923	.000923	0	0
176	MRAIL2	PX	.000923	.000923	0	0
177	MRAIL1	PX	.000923	.000923	0	0
178	MP GAMMA3	PX	.002	.002	0	0
179	MP GAMMA2	PX	.002	.002	0	0
180	MP GAMMA1	PX	.002	.002	0	0
181	MP BETA3	PX	.002	.002	0	0



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Member Distributed Loads (BLC 39 : Ice Wind Load (330)) (Continued)

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]	
182	MP BETA2	PX	.002	.002	0	0
183	MP BETA1	PX	.002	.002	0	0
184	MP ALPHA3	PX	.002	.002	0	0
185	MP ALPHA2	PX	.002	.002	0	0
186	MP ALPHA1	PX	.002	.002	0	0
187	MID RAIL8	PX	.003	.003	0	0
188	MID RAIL7	PX	.003	.003	0	0
189	MID RAIL4	PX	.003	.003	0	0
190	MID RAIL3	PX	.003	.003	0	0
191	M170	PX	.004	.004	0	0
192	M169	PX	.002	.002	0	0
193	KICKER8	PX	.003	.003	0	0
194	KICKER7	PX	.003	.003	0	0
195	KICKER6	PX	.003	.003	0	0
196	KICKER5	PX	.003	.003	0	0
197	KICKER4	PX	.003	.003	0	0
198	KICKER3	PX	.003	.003	0	0
199	KICKER2	PX	.003	.003	0	0
200	KICKER1	PX	.003	.003	0	0
201	INNER8	PX	.003	.003	0	0
202	INNER7	PX	.003	.003	0	0
203	INNER6	PX	.003	.003	0	0
204	INNER5	PX	.003	.003	0	0
205	INNER4	PX	.003	.003	0	0
206	INNER3	PX	.003	.003	0	0
207	INNER2	PX	.003	.003	0	0
208	INNER1	PX	.003	.003	0	0
209	HORIZ16	PX	.003	.003	0	0
210	HORIZ15	PX	.003	.003	0	0
211	HORIZ14	PX	.003	.003	0	0
212	HORIZ13	PX	.003	.003	0	0
213	HORIZ6	PX	.001	.001	0	0
214	HORIZ5	PX	.001	.001	0	0
215	H DIAG8	PX	.001	.001	0	0
216	H DIAG7	PX	.001	.001	0	0
217	H DIAG6	PX	.001	.001	0	0
218	H DIAG5	PX	.001	.001	0	0
219	H DIAG4	PX	.001	.001	0	0
220	H DIAG3	PX	.001	.001	0	0
221	H DIAG2	PX	.002	.002	0	0
222	H DIAG1	PX	.003	.003	0	0
223	GAMMATIEBACK1	PX	.003	.003	0	0
224	FACEC6	PX	.003	.003	0	0
225	FACEC5	PX	.003	.003	0	0
226	FACEC4	PX	.003	.003	0	0
227	FACEC3	PX	.003	.003	0	0
228	FACEC2	PX	.003	.003	0	0
229	FACEC1	PX	.003	.003	0	0
230	FACEA6	PX	.003	.003	0	0
231	FACEA5	PX	.003	.003	0	0
232	FACEA4	PX	.003	.003	0	0
233	FACEA3	PX	.003	.003	0	0
234	FACEA2	PX	.003	.003	0	0
235	FACEA1	PX	.003	.003	0	0
236	FACE12	PX	.003	.003	0	0
237	FACE11	PX	.003	.003	0	0
238	FACE10	PX	.003	.003	0	0



Member Distributed Loads (BLC 39 : Ice Wind Load (330)) (Continued)

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]	
239	FACE9	PX	.003	.003	0	0
240	FACE8	PX	.003	.003	0	0
241	FACE7	PX	.003	.003	0	0
242	FACE6	PX	.003	.003	0	0
243	FACE5	PX	.003	.003	0	0
244	FACE4	PX	.003	.003	0	0
245	FACE3	PX	.003	.003	0	0
246	FACE2	PX	.002	.002	0	0
247	FACE1	PX	.002	.002	0	0
248	DELTA TIEBACK1	PX	.002	.002	0	0
249	ANGLE4	PX	.004	.004	0	0
250	ANGLE3	PX	.004	.004	0	0
251	ANG FACE8	PX	.004	.004	0	0
252	ANG FACE5	PX	.004	.004	0	0
253	ANG FACE4	PX	.004	.004	0	0
254	ANG FACE1	PX	.004	.004	0	0

Member Distributed Loads (BLC 43 : BLC 3 Transient Area Loads)

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]	
1	INNER4	Z	-.003	-.005	0	1.4
2	INNER4	Z	-.005	-.005	1.4	2.8
3	INNER4	Z	-.005	-.01	2.8	4.2
4	INNER4	Z	-.01	-.013	4.2	5.6
5	INNER4	Z	-.013	-.011	5.6	7
6	INNER3	Z	-.003	-.005	0	1.4
7	INNER3	Z	-.005	-.005	1.4	2.8
8	INNER3	Z	-.005	-.01	2.8	4.2
9	INNER3	Z	-.01	-.013	4.2	5.6
10	INNER3	Z	-.013	-.011	5.6	7
11	H DIAG8	Z	-.005	-.022	0	1.553
12	H DIAG8	Z	-.022	-.035	1.553	3.106
13	H DIAG8	Z	-.035	-.044	3.106	4.66
14	H DIAG8	Z	-.044	-.035	4.66	6.213
15	H DIAG8	Z	-.035	-.01	6.213	7.766
16	H DIAG7	Z	-.005	-.022	0	1.553
17	H DIAG7	Z	-.022	-.035	1.553	3.106
18	H DIAG7	Z	-.035	-.044	3.106	4.66
19	H DIAG7	Z	-.044	-.035	4.66	6.213
20	H DIAG7	Z	-.035	-.01	6.213	7.766
21	FACE6	Z	-.004	-.008	0	1.767
22	FACE6	Z	-.008	-.006	1.767	3.533
23	FACE6	Z	-.006	-.006	3.533	5.3
24	FACE6	Z	-.006	-.008	5.3	7.066
25	FACE6	Z	-.008	-.004	7.066	8.833
26	INNER6	Z	-.003	-.005	0	1.4
27	INNER6	Z	-.005	-.005	1.4	2.8
28	INNER6	Z	-.005	-.01	2.8	4.2
29	INNER6	Z	-.01	-.013	4.2	5.6
30	INNER6	Z	-.013	-.011	5.6	7
31	INNER5	Z	-.003	-.005	0	1.4
32	INNER5	Z	-.005	-.005	1.4	2.8
33	INNER5	Z	-.005	-.01	2.8	4.2
34	INNER5	Z	-.01	-.013	4.2	5.6
35	INNER5	Z	-.013	-.011	5.6	7
36	H DIAG2	Z	-.005	-.022	0	1.553
37	H DIAG2	Z	-.022	-.035	1.553	3.106



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Member Distributed Loads (BLC 43 : BLC 3 Transient Area Loads) (Continued)

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]	
38	H DIAG2	Z	-0.035	-0.044	3.106	4.66
39	H DIAG2	Z	-0.044	-0.035	4.66	6.213
40	H DIAG2	Z	-0.035	-0.01	6.213	7.766
41	H DIAG1	Z	-0.005	-0.022	0	1.553
42	H DIAG1	Z	-0.022	-0.035	1.553	3.106
43	H DIAG1	Z	-0.035	-0.044	3.106	4.66
44	H DIAG1	Z	-0.044	-0.035	4.66	6.213
45	H DIAG1	Z	-0.035	-0.01	6.213	7.766
46	FACE7	Z	-0.004	-0.008	0	1.767
47	FACE7	Z	-0.008	-0.006	1.767	3.533
48	FACE7	Z	-0.006	-0.006	3.533	5.3
49	FACE7	Z	-0.006	-0.008	5.3	7.066
50	FACE7	Z	-0.008	-0.004	7.066	8.833
51	INNER8	Z	-0.004	-0.005	0	1.4
52	INNER8	Z	-0.005	-0.008	1.4	2.8
53	INNER8	Z	-0.008	-0.013	2.8	4.2
54	INNER8	Z	-0.013	-0.012	4.2	5.6
55	INNER8	Z	-0.012	-0.007	5.6	7
56	INNER7	Z	-0.004	-0.005	0	1.4
57	INNER7	Z	-0.005	-0.005	1.4	2.8
58	INNER7	Z	-0.005	-0.01	2.8	4.2
59	INNER7	Z	-0.01	-0.013	4.2	5.6
60	INNER7	Z	-0.013	-0.011	5.6	7
61	H DIAG4	Z	-0.004	-0.023	0	1.553
62	H DIAG4	Z	-0.023	-0.037	1.553	3.106
63	H DIAG4	Z	-0.037	-0.044	3.106	4.66
64	H DIAG4	Z	-0.044	-0.035	4.66	6.213
65	H DIAG4	Z	-0.035	-0.01	6.213	7.766
66	H DIAG3	Z	-0.004	-0.022	0	1.553
67	H DIAG3	Z	-0.022	-0.035	1.553	3.106
68	H DIAG3	Z	-0.035	-0.044	3.106	4.66
69	H DIAG3	Z	-0.044	-0.035	4.66	6.213
70	H DIAG3	Z	-0.035	-0.006	6.213	7.766
71	FACE8	Z	-0.009	-0.009	0	1.767
72	FACE8	Z	-0.009	-0.006	1.767	3.533
73	FACE8	Z	-0.006	-0.006	3.533	5.3
74	FACE8	Z	-0.006	-0.008	5.3	7.066
75	FACE8	Z	-0.008	-0.004	7.066	8.833
76	FACE4	Z	-0.001	-0.001	6.752	7
77	INNER2	Z	-0.003	-0.005	0	1.4
78	INNER2	Z	-0.005	-0.005	1.4	2.8
79	INNER2	Z	-0.005	-0.01	2.8	4.2
80	INNER2	Z	-0.01	-0.013	4.2	5.6
81	INNER2	Z	-0.013	-0.011	5.6	7
82	INNER1	Z	-0.003	-0.005	0	1.4
83	INNER1	Z	-0.005	-0.005	1.4	2.8
84	INNER1	Z	-0.005	-0.01	2.8	4.2
85	INNER1	Z	-0.01	-0.013	4.2	5.6
86	INNER1	Z	-0.013	-0.011	5.6	7
87	H DIAG6	Z	-0.005	-0.022	0	1.553
88	H DIAG6	Z	-0.022	-0.035	1.553	3.106
89	H DIAG6	Z	-0.035	-0.044	3.106	4.66
90	H DIAG6	Z	-0.044	-0.035	4.66	6.213
91	H DIAG6	Z	-0.035	-0.01	6.213	7.766
92	H DIAG5	Z	-0.005	-0.022	0	1.553
93	H DIAG5	Z	-0.022	-0.035	1.553	3.106
94	H DIAG5	Z	-0.035	-0.044	3.106	4.66



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Member Distributed Loads (BLC 43 : BLC 3 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]
95	H DIAG5	Z	-0.044	-0.035	4.66	6.213
96	H DIAG5	Z	-0.035	-0.01	6.213	7.766
97	FACE5	Z	-0.004	-0.008	0	1.767
98	FACE5	Z	-0.008	-0.006	1.767	3.533
99	FACE5	Z	-0.006	-0.006	3.533	5.3
100	FACE5	Z	-0.006	-0.008	5.3	7.066
101	FACE5	Z	-0.008	-0.004	7.066	8.833

Member Distributed Loads (BLC 44 : BLC 27 Transient Area Loads)

	Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]
1	INNER4	Z	-0.005	-0.008	0	1.4
2	INNER4	Z	-0.008	-0.008	1.4	2.8
3	INNER4	Z	-0.008	-0.014	2.8	4.2
4	INNER4	Z	-0.014	-0.02	4.2	5.6
5	INNER4	Z	-0.02	-0.016	5.6	7
6	INNER3	Z	-0.005	-0.008	0	1.4
7	INNER3	Z	-0.008	-0.008	1.4	2.8
8	INNER3	Z	-0.008	-0.014	2.8	4.2
9	INNER3	Z	-0.014	-0.02	4.2	5.6
10	INNER3	Z	-0.02	-0.016	5.6	7
11	H DIAG8	Z	-0.007	-0.033	0	1.553
12	H DIAG8	Z	-0.033	-0.052	1.553	3.106
13	H DIAG8	Z	-0.052	-0.066	3.106	4.66
14	H DIAG8	Z	-0.066	-0.053	4.66	6.213
15	H DIAG8	Z	-0.053	-0.015	6.213	7.766
16	H DIAG7	Z	-0.008	-0.033	0	1.553
17	H DIAG7	Z	-0.033	-0.053	1.553	3.106
18	H DIAG7	Z	-0.053	-0.066	3.106	4.66
19	H DIAG7	Z	-0.066	-0.053	4.66	6.213
20	H DIAG7	Z	-0.053	-0.015	6.213	7.766
21	FACE6	Z	-0.006	-0.012	0	1.767
22	FACE6	Z	-0.012	-0.01	1.767	3.533
23	FACE6	Z	-0.01	-0.01	3.533	5.3
24	FACE6	Z	-0.01	-0.012	5.3	7.066
25	FACE6	Z	-0.012	-0.006	7.066	8.833
26	INNER6	Z	-0.005	-0.008	0	1.4
27	INNER6	Z	-0.008	-0.008	1.4	2.8
28	INNER6	Z	-0.008	-0.014	2.8	4.2
29	INNER6	Z	-0.014	-0.02	4.2	5.6
30	INNER6	Z	-0.02	-0.016	5.6	7
31	INNER5	Z	-0.005	-0.008	0	1.4
32	INNER5	Z	-0.008	-0.008	1.4	2.8
33	INNER5	Z	-0.008	-0.014	2.8	4.2
34	INNER5	Z	-0.014	-0.02	4.2	5.6
35	INNER5	Z	-0.02	-0.016	5.6	7
36	H DIAG2	Z	-0.007	-0.033	0	1.553
37	H DIAG2	Z	-0.033	-0.052	1.553	3.106
38	H DIAG2	Z	-0.052	-0.066	3.106	4.66
39	H DIAG2	Z	-0.066	-0.053	4.66	6.213
40	H DIAG2	Z	-0.053	-0.015	6.213	7.766
41	H DIAG1	Z	-0.008	-0.033	0	1.553
42	H DIAG1	Z	-0.033	-0.053	1.553	3.106
43	H DIAG1	Z	-0.053	-0.066	3.106	4.66
44	H DIAG1	Z	-0.066	-0.053	4.66	6.213
45	H DIAG1	Z	-0.053	-0.015	6.213	7.766
46	FACE7	Z	-0.006	-0.012	0	1.767



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Member Distributed Loads (BLC 44 : BLC 27 Transient Area Loads) (Continued)

Member Label	Direction	Start Magnitude[k/ft....	End Magnitude[k/ft.F....	Start Location[ft.%]	End Location[ft.%]	
47	FACE7	Z	-0.12	-0.01	1.767	3.533
48	FACE7	Z	-0.01	-0.01	3.533	5.3
49	FACE7	Z	-0.01	-0.012	5.3	7.066
50	FACE7	Z	-0.012	-0.006	7.066	8.833
51	INNER8	Z	-0.005	-0.008	0	1.4
52	INNER8	Z	-0.008	-0.012	1.4	2.8
53	INNER8	Z	-0.012	-0.019	2.8	4.2
54	INNER8	Z	-0.019	-0.018	4.2	5.6
55	INNER8	Z	-0.018	-0.01	5.6	7
56	INNER7	Z	-0.005	-0.008	0	1.4
57	INNER7	Z	-0.008	-0.008	1.4	2.8
58	INNER7	Z	-0.008	-0.014	2.8	4.2
59	INNER7	Z	-0.014	-0.02	4.2	5.6
60	INNER7	Z	-0.02	-0.016	5.6	7
61	H DIAG4	Z	-0.006	-0.034	0	1.553
62	H DIAG4	Z	-0.034	-0.055	1.553	3.106
63	H DIAG4	Z	-0.055	-0.067	3.106	4.66
64	H DIAG4	Z	-0.067	-0.053	4.66	6.213
65	H DIAG4	Z	-0.053	-0.015	6.213	7.766
66	H DIAG3	Z	-0.006	-0.034	0	1.553
67	H DIAG3	Z	-0.034	-0.053	1.553	3.106
68	H DIAG3	Z	-0.053	-0.067	3.106	4.66
69	H DIAG3	Z	-0.067	-0.053	4.66	6.213
70	H DIAG3	Z	-0.053	-0.009	6.213	7.766
71	FACE8	Z	-0.013	-0.013	0	1.767
72	FACE8	Z	-0.013	-0.009	1.767	3.533
73	FACE8	Z	-0.009	-0.009	3.533	5.3
74	FACE8	Z	-0.009	-0.012	5.3	7.066
75	FACE8	Z	-0.012	-0.006	7.066	8.833
76	FACE4	Z	-0.002	-0.002	6.752	7
77	INNER2	Z	-0.005	-0.008	0	1.4
78	INNER2	Z	-0.008	-0.008	1.4	2.8
79	INNER2	Z	-0.008	-0.014	2.8	4.2
80	INNER2	Z	-0.014	-0.02	4.2	5.6
81	INNER2	Z	-0.02	-0.016	5.6	7
82	INNER1	Z	-0.005	-0.008	0	1.4
83	INNER1	Z	-0.008	-0.008	1.4	2.8
84	INNER1	Z	-0.008	-0.014	2.8	4.2
85	INNER1	Z	-0.014	-0.02	4.2	5.6
86	INNER1	Z	-0.02	-0.016	5.6	7
87	H DIAG6	Z	-0.008	-0.033	0	1.553
88	H DIAG6	Z	-0.033	-0.053	1.553	3.106
89	H DIAG6	Z	-0.053	-0.066	3.106	4.66
90	H DIAG6	Z	-0.066	-0.053	4.66	6.213
91	H DIAG6	Z	-0.053	-0.015	6.213	7.766
92	H DIAG5	Z	-0.007	-0.033	0	1.553
93	H DIAG5	Z	-0.033	-0.052	1.553	3.106
94	H DIAG5	Z	-0.052	-0.066	3.106	4.66
95	H DIAG5	Z	-0.066	-0.053	4.66	6.213
96	H DIAG5	Z	-0.053	-0.015	6.213	7.766
97	FACE5	Z	-0.006	-0.012	0	1.767
98	FACE5	Z	-0.012	-0.01	1.767	3.533
99	FACE5	Z	-0.01	-0.01	3.533	5.3
100	FACE5	Z	-0.01	-0.012	5.3	7.066
101	FACE5	Z	-0.012	-0.006	7.066	8.833



Member Area Loads (BLC 3 : Dead Load)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N11A	N13	N12A	N14	Z	Two Way	-.01
2	N27	N14	N11	N12	Z	Two Way	-.01
3	N11	N16	N31	N21	Z	Two Way	-.01
4	N15	N12A	N16	N17	Z	Two Way	-.01

Member Area Loads (BLC 27 : Ice Dead Load)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N11A	N13	N12A	N14	Z	Two Way	-.015
2	N27	N14	N11	N12	Z	Two Way	-.015
3	N11	N16	N31	N21	Z	Two Way	-.015
4	N15	N12A	N16	N17	Z	Two Way	-.015

Envelope Joint Reactions

Joint		X [k]	LC	Y [k]	LC	Z [k]	LC	MX [k-ft]	LC	MY [k-ft]	LC	MZ [k-ft]	LC	
1	N11	max	1.865	14	2.283	35	1.955	6	1.675	27	-.515	32	1.374	35
2		min	-3.308	32	-3.846	17	.247	23	.627	11	-1.786	15	-1.22	17
3	N14	max	3.496	8	2.746	5	1.848	33	1.577	9	1.629	30	1.117	26
4		min	-2.082	26	-4.344	23	.583	20	.004	23	.353	8	-1.314	8
5	N12A	max	4.819	14	4.621	35	2.543	24	-.748	2	2.221	33	1.339	17
6		min	-2.968	32	-2.969	17	.105	5	-2.167	12	.347	14	-1.354	35
7	N16	max	2.125	8	3.492	5	1.693	15	-.439	5	.389	29	1.009	5
8		min	-3.842	26	-2.142	23	.345	32	-1.872	27	-1.236	11	-1.086	23
9	N255A	max	1.42	18	1.57	27	4.661	24	1.412	24	-.147	8	.198	35
10		min	.448	2	.349	5	.997	5	.03	5	-1.277	27	-.203	17
11	N256A	max	-.437	2	1.965	9	5.247	18	1.671	21	1.325	15	.203	23
12		min	-1.462	24	.684	29	1.633	35	.328	2	.169	32	-.204	5
13	N257	max	-.401	29	-.271	23	5.697	9	.13	20	1.698	12	.261	14
14		min	-1.939	9	-1.715	6	.962	23	-1.61	3	-.103	29	-.265	32
15	N258	max	1.942	36	-.36	8	5.364	33	-.141	17	-.213	14	.271	8
16		min	.7	17	-1.532	27	1.614	14	-1.426	36	-1.674	33	-.27	26
17	Totals:	max	10.401	11	11.069	2	27.608	6						
18		min	-10.401	29	-11.069	20	13.007	23						

Load Combinations

Description	So...	P...	S...	BLCFac..	BLCFac..	BLCFac..	BLCFac..	BLCFac..	BLCFac..	BLCFac..	BLCFac..	BLCFac..	BLCFac..	BLCFac..
1	1.4D	Yes	Y		3	1.4								
2	1.2D + 1.0W(0)	Yes	Y		3	1.2	2	1						
3	1.2D + 1.0Di + 1.0Wi(0)	Yes	Y		3	1.2	27	1	28	1				
4	1.2D + 1.5L + 1.0Wi(0)	Yes	Y		3	1.2	1	1.5	15	1				
5	1.2D + 1.0W(30)	Yes	Y		3	1.2	4	1						
6	1.2D + 1.0Di + 1.0Wi(...)	Yes	Y		3	1.2	27	1	29	1				
7	1.2D + 1.5L + 1.0Wi(30)	Yes	Y		3	1.2	1	1.5	16	1				
8	1.2D + 1.0W(60)	Yes	Y		3	1.2	5	1						
9	1.2D + 1.0Di + 1.0Wi(...)	Yes	Y		3	1.2	27	1	30	1				
10	1.2D + 1.5L + 1.0Wi(60)	Yes	Y		3	1.2	1	1.5	17	1				
11	1.2D + 1.0W(90)	Yes	Y		3	1.2	6	1						
12	1.2D + 1.0Di + 1.0Wi(...)	Yes	Y		3	1.2	27	1	31	1				
13	1.2D + 1.5L + 1.0Wi(90)	Yes	Y		3	1.2	1	1.5	18	1				
14	1.2D + 1.0W(120)	Yes	Y		3	1.2	7	1						
15	1.2D + 1.0Di + 1.0Wi(...)	Yes	Y		3	1.2	27	1	32	1				
16	1.2D + 1.5L + 1.0Wi(1...	Yes	Y		3	1.2	1	1.5	19	1				
17	1.2D + 1.0W(150)	Yes	Y		3	1.2	8	1						



Load Combinations (Continued)

	Description	So...P...	S...	BLCFac..	BLCFac..	BLCFac..	BLCFac..	BLCFac..	BLCFac..	BLCFac..	BLCFac..	BLCFac..	BLCFac..	BLCFac..	BLCFac..
18	1.2D + 1.0Di + 1.0Wi(...)	Yes	Y	3	1.2	27	1	33	1						
19	1.2D + 1.5L + 1.0Wi(1...	Yes	Y	3	1.2	1	1.5	20	1						
20	1.2D + 1.0W(180)	Yes	Y	3	1.2	9	1								
21	1.2D + 1.0Di + 1.0Wi(...)	Yes	Y	3	1.2	27	1	34	1						
22	1.2D + 1.5L + 1.0Wi(1...	Yes	Y	3	1.2	1	1.5	21	1						
23	1.2D + 1.0W(210)	Yes	Y	3	1.2	10	1								
24	1.2D + 1.0Di + 1.0Wi(...)	Yes	Y	3	1.2	27	1	35	1						
25	1.2D + 1.5L + 1.0Wi(2...	Yes	Y	3	1.2	1	1.5	22	1						
26	1.2D + 1.0W(240)	Yes	Y	3	1.2	11	1								
27	1.2D + 1.0Di + 1.0Wi(...)	Yes	Y	3	1.2	27	1	36	1						
28	1.2D + 1.5L + 1.0Wi(2...	Yes	Y	3	1.2	1	1.5	23	1						
29	1.2D + 1.0W(270)	Yes	Y	3	1.2	12	1								
30	1.2D + 1.0Di + 1.0Wi(...)	Yes	Y	3	1.2	27	1	37	1						
31	1.2D + 1.5L + 1.0Wi(2...	Yes	Y	3	1.2	1	1.5	24	1						
32	1.2D + 1.0W(300)	Yes	Y	3	1.2	13	1								
33	1.2D + 1.0Di + 1.0Wi(...)	Yes	Y	3	1.2	27	1	38	1						
34	1.2D + 1.5L + 1.0Wi(3...	Yes	Y	3	1.2	1	1.5	25	1						
35	1.2D + 1.0W(330)	Yes	Y	3	1.2	14	1								
36	1.2D + 1.0Di + 1.0Wi(...)	Yes	Y	3	1.2	27	1	39	1						
37	1.2D + 1.5L + 1.0Wi(3...	Yes	Y	3	1.2	1	1.5	26	1						
38	1.2D + 1.0E(x) + 1.0E(...)	Yes	Y	3	1.2	40	1	42	1	1	1				
39	1.2D + 1.0E(y) + 1.0E(...)	Yes	Y	3	1.2	41	1	42	1	1	1				
40	1.2D - 1.0E(x) + 1.0E(...)	Yes	Y	3	1.2	40	-1	42	1	1	1				
41	1.2D - 1.0E(y) + 1.0E(...)	Yes	Y	3	1.2	41	-1	42	1	1	1				

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

Member	Shape	Code Check	Loc[ft]	LC	Shear Check	Loc[ft]	Dir	LC	phi*P...	phi*P...	phi*M...	phi*M...	Cb	Eqn	
1	H DIAG6	L2.5x2.5...	.939	3.721	12	.053	7.766	y	21	5.445	29.192	.873	1.641	1....	H2-1
2	H DIAG8	L2.5x2.5...	.918	3.802	21	.050	7.766	y	30	5.445	29.192	.873	1.641	1....	H2-1
3	H DIAG2	L2.5x2.5...	.912	3.883	30	.046	7.766	y	6	5.445	29.192	.873	1.671	1....	H2-1
4	H DIAG4	L2.5x2.5...	.910	3.964	3	.046	7.766	y	12	5.445	29.192	.873	1.661	1....	H2-1
5	FACE8	W8X21	.843	0	30	.280	.644	z	32	165.14	277.2	21.337	76.5	2....	H1-1b
6	H DIAG1	L2.5x2.5...	.807	3.964	12	.049	7.766	z	6	5.445	29.192	.873	1.403	1....	H2-1
7	FACE7	W8X21	.791	8.833	23	.317	8.005	z	23	165.14	277.2	21.337	76.5	2....	H1-1b
8	H DIAG5	L2.5x2.5...	.731	3.883	30	.048	7.766	z	21	5.445	29.192	.873	1.404	1....	H2-1
9	H DIAG7	L2.5x2.5...	.714	3.883	3	.047	7.766	z	30	5.445	29.192	.873	1.404	1....	H2-1
10	H DIAG3	L2.5x2.5...	.714	3.964	21	.043	7.766	z	15	5.445	29.192	.873	1.404	1....	H2-1
11	VERTA1	L2.5x2.5...	.686	0	20	.146	2.111	y	2	21.044	29.192	.873	1.962	1....	H2-1
12	VERTC2	L2.5x2.5...	.685	0	20	.173	2.111	y	20	21.044	29.192	.873	1.963	1....	H2-1
13	VERTA2	L2.5x2.5...	.682	0	2	.170	2.111	y	2	21.044	29.192	.873	1.969	1....	H2-1
14	VERTC1	L2.5x2.5...	.671	0	2	.143	2.111	y	20	21.044	29.192	.873	1.969	1....	H2-1
15	SO1C	L2.5x2.5...	.597	4.144	23	.362	3.96	y	29	15.432	29.192	.873	1.88	1....	H2-1
16	PIPE1C	PIPE_2.5	.595	1.089	23	.352	1.089	z	23	42.165	50.715	3.596	3.596	1....	H3-6
17	SO2D	L2.5x2.5...	.518	.276	32	.364	.276	z	2	15.432	29.192	.873	1.895	2....	H2-1
18	MSTAB5	L2.5x2.5...	.497	5.852	23	.016	5.852	y	23	12.664	38.556	1.114	2.373	1....	H2-1
19	MP GAMMA1	PIPE_2.5	.493	3.984	26	.137	3.984	z	26	28.077	50.715	3.596	3.596	1....	H1-1b
20	MSTAB6	L2.5x2.5...	.475	0	23	.016	0	y	23	12.664	38.556	1.114	2.361	1....	H2-1
21	SO1D	L2.5x2.5...	.449	3.914	35	.299	3.96	y	2	15.432	29.192	.873	1.885	2....	H2-1
22	SO2C	L2.5x2.5...	.445	.276	23	.288	.276	z	27	15.432	29.192	.873	1.88	1....	H2-1
23	VERT24	L2.5x2.5...	.440	0	29	.030	0	y	11	18.824	29.192	.873	1.916	1....	H2-1
24	VERTA5	L2.5x2.5...	.431	0	20	.182	2.111	y	2	21.044	29.192	.873	1.972	1....	H2-1
25	VERTC5	L2.5x2.5...	.428	0	2	.179	2.111	y	20	21.044	29.192	.873	1.972	2....	H2-1
26	PIPE1D	PIPE_2.5	.419	1.089	29	.200	.544	z	35	42.165	50.715	3.596	3.596	2....	H1-1b
27	MRAIL3	PIPE_3.0	.418	8.609	23	.313	8.609	z	23	21.266	65.205	5.749	5.749	1....	H3-6
28	VERT23	L2.5x2.5...	.417	0	29	.029	0	y	11	18.824	29.192	.873	1.928	1....	H2-1



Company : Power of Design
 Designer : CC
 Job Number : 22-130961
 Model Name : 88014

June 3, 2022
 11:37 AM
 Checked By: _____

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

Member	Shape	Code Check	Loc[ft]	LC	Shear Check	Loc[ft]	Dir	LC	phi*P...	phi*P...	phi*M...	phi*M...	Cb	Eqn
29	VERTC4	L2.5x2.5...	.416	0	20	.156	2.111	y	20	21.044	29.192	.873	1.972	2.... H2-1
30	VERTA4	L2.5x2.5...	.415	0	2	.158	2.111	y	2	21.044	29.192	.873	1.972	2.... H2-1
31	VERT22	L2.5x2.5...	.406	0	11	.062	1.833	y	11	18.824	29.192	.873	1.901	1.... H2-1
32	VERT8	L2.5x2.5...	.405	0	29	.032	0	z	29	18.824	29.192	.873	1.903	1.... H2-1
33	FACE4	W8X21	.390	7	29	.076	6.781	z	29	200.2...	277.2	21.337	76.5	2.... H1-1b
34	VERT10	L2.5x2.5...	.389	0	29	.030	0	y	29	18.824	29.192	.873	1.957	2.... H2-1
35	FACE5	W8X21	.376	8.833	2	.146	8.005	z	2	165.14	277.2	21.337	76.5	2.... H1-1b
36	VERT9	L2.5x2.5...	.344	0	11	.029	0	y	29	18.824	29.192	.873	1.938	1.... H2-1
37	GAMMATIEBA...	PIPE_2.5	.341	0	23	.244	7.202	z	23	33.175	50.715	3.596	3.596	1.... H3-6
38	FACE2	W8X21	.333	7	11	.063	6.781	z	11	200.2...	277.2	21.337	76.5	1.... H1-1b
39	MRAIL2	PIPE_3.0	.323	6.042	11	.174	7.854	11	21.266	65.205	5.749	5.749	1.... H1-1b	
40	MP ALPHA1	PIPE_2.5	.323	1.505	5	.202	1.505	20	28.077	50.715	3.596	3.596	1.... H1-1b	
41	VERT13	L2.5x2.5...	.315	0	29	.029	0	z	29	18.824	29.192	.873	1.953	2.... H2-1
42	KICKER4	LL2.5x2...	.285	11.511	12	.004	11.5...	y	12	16.34	77.112	5.321	2.84	2.... H1-1a
43	KICKER7	LL2.5x2...	.284	0	33	.004	0	y	30	16.34	77.112	5.321	2.84	2.... H1-1a
44	KICKER6	LL2.5x2...	.275	11.511	24	.004	0	y	21	16.34	77.112	5.321	2.84	1.... H1-1a
45	FACEC3	L2.5x2.5...	.273	3.417	33	.013	6.833	y	2	7.034	29.192	.873	1.516	1.... H2-1
46	FACEA3	L2.5x2.5...	.272	3.417	15	.013	6.833	y	20	7.034	29.192	.873	1.515	1.... H2-1
47	DELTA TIEBA...	PIPE_2.5	.270	0	35	.164	0	24	36.15	50.715	3.596	3.596	1.... H1-1b	
48	FACEC2	L2.5x2.5...	.267	3.417	20	.013	6.833	z	18	7.034	29.192	.873	1.491	1.... H2-1
49	MP GAMMA3	PIPE_2.5	.266	1.063	35	.145	.974	35	28.077	50.715	3.596	3.596	1.... H1-1b	
50	FACEA2	L2.5x2.5...	.262	3.417	2	.013	6.833	z	36	7.034	29.192	.873	1.484	1.... H2-1
51	MRAIL1	PIPE_3.0	.261	6.042	2	.203	6.797	2	21.266	65.205	5.749	5.749	1.... H1-1b	
52	MSTAB1	L2.5x2.5...	.260	6.801	20	.009	0	y	20	9.378	38.556	1.114	2.272	1.... H2-1
53	FACE11	W8X21	.258	0	29	.046	.219	z	29	200.2...	277.2	21.337	76.5	1.... H1-1b
54	MSTAB3	L2.5x2.5...	.244	6.801	29	.012	6.801	y	14	9.378	38.556	1.114	2.271	1.... H2-1
55	MP GAMMA2	PIPE_3.0	.242	2.544	11	.125	4.972	23	33.716	65.205	5.749	5.749	2.... H1-1b	
56	VERT27	L2.5x2.5...	.239	0	29	.028	1.833	z	29	18.824	29.192	.873	1.924	1.9 H2-1
57	VERT28	L2.5x2.5...	.234	0	29	.027	1.833	z	29	18.824	29.192	.873	1.972	2.... H2-1
58	VERT12	L2.5x2.5...	.233	0	11	.016	0	z	11	18.824	29.192	.873	1.972	2.... H2-1
59	INNER7	W8X21	.230	0	2	.089	2.187	z	2	200.2...	277.2	21.337	76.5	2.... H1-1b
60	FACEC1	L2.5x2.5...	.223	3.417	21	.061	0	y	2	7.034	29.192	.873	1.503	1.... H2-1
61	FACEA1	L2.5x2.5...	.222	3.417	3	.058	6.833	y	20	7.034	29.192	.873	1.503	1.... H2-1
62	MP BETA1	PIPE_2.5	.222	1.505	14	.189	1.505	11	28.077	50.715	3.596	3.596	1.... H1-1b	
63	FACE10	W8X21	.206	0	11	.110	5.688	z	11	200.2...	277.2	21.337	76.5	2.... H1-1b
64	ANG FACE8	L10.5x5x4	.202	6.016	29	.027	.703	z	12	46.973	123.5...	1.31	-32.533	1.... H2-1
65	KICKER1	LL2.5x2...	.198	11.511	6	.006	0	z	11	16.34	77.112	5.321	2.84	2.... H1-1...
66	INNER3	W8X21	.195	7	20	.106	2.188	z	20	200.2...	277.2	21.337	76.5	2.57 H1-1b
67	MP ALPHA2	PIPE_3.0	.193	2.544	8	.110	6.937	20	33.716	65.205	5.749	5.749	2.... H1-1b	
68	MSTAB4	L2.5x2.5...	.192	0	32	.010	0	y	14	9.378	38.556	1.114	2.214	1.... H2-1
69	MP BETA2	PIPE_3.0	.188	2.544	17	.057	6.937	29	33.716	65.205	5.749	5.749	1.86 H1-1b	
70	MP BETA3	PIPE_2.5	.187	1.505	8	.092	1.505	29	28.077	50.715	3.596	3.596	2.... H1-1b	
71	VERT11	L2.5x2.5...	.185	0	8	.013	0	z	23	18.824	29.192	.873	1.888	1.... H2-1
72	MID RAIL8	L2.5x2.5...	.181	3.111	29	.017	9.333	z	29	3.77	29.192	.873	1.382	1.... H2-1
73	MID RAIL7	L2.5x2.5...	.180	4.958	29	.019	9.333	y	29	3.77	29.192	.873	1.314	1.19 H2-1
74	KICKER5	LL2.5x2...	.179	11.511	24	.004	11.5...	y	21	16.34	77.112	5.321	2.84	2.... H1-1...
75	M170	L10.5x5x4	.178	2.266	29	.008	0	z	12	46.973	123.5...	1.31	-32.578	1.... H2-1
76	KICKER2	LL2.5x2...	.178	11.511	6	.006	11.5...	z	11	16.34	77.112	5.321	2.84	1.... H1-1b
77	ANG FACE4	L10.5x5x4	.171	5.313	11	.027	.703	z	30	46.973	123.5...	1.31	-32.941	1.... H2-1
78	ANG FACE5	L10.5x5x4	.169	4.141	23	.008	0	z	30	46.973	123.5...	1.31	6.164	2.... H2-1
79	KICKER3	LL2.5x2...	.165	11.511	18	.004	11.5...	y	12	16.34	77.112	5.321	2.84	3.... H1-1...
80	ANG FACE1	L10.5x5x4	.161	3.984	5	.008	0	z	12	46.973	123.5...	1.31	6.164	3.... H2-1
81	INNER5	W8X21	.160	0	15	.035	.437	z	15	200.2...	277.2	21.337	76.5	3.... H1-1b
82	KICKER8	LL2.5x2...	.160	11.511	24	.004	11.5...	y	30	16.34	77.112	5.321	2.84	3.... H1-1...
83	FACE6	W8X21	.156	0	11	.105	4.601	z	12	165.14	277.2	21.337	76.5	2.... H1-1b
84	MP ALPHA3	PIPE_2.5	.155	1.505	32	.068	5.932	2	28.077	50.715	3.596	3.596	1.... H1-1b	
85	INNER1	W8X21	.155	0	33	.034	.438	y	9	200.2...	277.2	21.337	76.5	2.... H1-1b



Company : Power of Design
 Designer : CC
 Job Number : 22-130961
 Model Name : 88014

June 3, 2022
 11:37 AM
 Checked By: _____

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

Member	Shape	Code Check	Loc[ft]	LC	Shear Check	Loc[ft]	Dir	LC	phi*P...	phi*P...	phi*M...	phi*M...	Cb	Eqn
86	INNER4	W8X21	.154	0	36	.035	.438	z	36	200.2...	277.2	21.337	76.5	2.... H1-1b
87	INNER2	W8X21	.152	0	18	.039	1.458	z	2	200.2...	277.2	21.337	76.5	2.... H1-1b
88	RAIL13	L2.5x2.5...	.146	4.531	11	.009	0	z	29	5.838	29.192	.873	1.414	1.... H2-1
89	MID RAIL4	L2.5x2.5...	.140	0	26	.012	0	z	29	3.77	29.192	.873	1.407	1.... H2-1
90	VERT25	L2.5x2.5...	.138	0	20	.014	0	z	23	18.824	29.192	.873	1.972	2.... H2-1
91	INNER6	W8X21	.135	0	33	.029	.437	y	3	200.2...	277.2	21.337	76.5	2.... H1-1b
92	INNER8	W8X21	.133	0	6	.032	.437	z	6	200.2...	277.2	21.337	76.5	2.... H1-1b
93	SODIAG1C	L2.5x2.5...	.132	2.168	15	.009	5.075	z	32	12.596	29.192	.873	1.611	1.... H2-1
94	MID RAIL3	L2.5x2.5...	.128	5.25	29	.012	0	y	32	3.77	29.192	.873	1.319	1.... H2-1
95	VERT26	L2.5x2.5...	.124	0	2	.017	0	z	29	18.824	29.192	.873	1.934	1.... H2-1
96	RAIL6	L2.5x2.5...	.117	4.297	11	.007	0	y	11	5.838	29.192	.873	1.417	1.... H2-1
97	ANGLE3	L5X3.5X4	.113	.75	33	.026	.75	y	30	53.995	67.068	2.135	6.062	1.... H2-1
98	FACEA5	L2.5x2.5...	.111	2.083	20	.008	0	z	20	17.319	29.192	.873	1.713	1.... H2-1
99	FACEC5	L2.5x2.5...	.110	2.042	2	.014	0	z	2	17.319	29.192	.873	1.713	1.... H2-1
100	VERTC3	L2.5x2.5...	.110	1.023	32	.018	1.023	z	32	21.044	29.192	.873	1.972	2.... H2-1
101	VERTA3	L2.5x2.5...	.108	1.023	14	.018	1.023	z	14	21.044	29.192	.873	1.972	2.... H2-1
102	RAIL14	L2.5x2.5...	.106	3.828	29	.008	0	y	29	5.838	29.192	.873	1.414	1.... H2-1
103	ANGLE4	L5X3.5X4	.104	.75	15	.024	.75	y	12	53.995	67.068	2.135	6.062	1.... H2-1
104	RAIL5	L2.5x2.5...	.103	3.672	29	.008	0	z	11	5.838	29.192	.873	1.429	1.... H2-1
105	SODIAG1D	L2.5x2.5...	.103	0	20	.014	0	z	20	12.596	29.192	.873	1.611	1.... H2-1
106	FACE3	W8X21	.100	7	23	.063	2.479	z	23	200.2...	277.2	21.337	76.5	2.... H1-1b
107	MSTAB2	L2.5x2.5...	.100	0	23	.006	6.801	y	20	9.378	38.556	1.114	2.111	1.... H2-1
108	FACE9	W8X21	.094	0	15	.015	.219	y	12	200.2...	277.2	21.337	76.5	1.... H1-1b
109	FACE12	W8X21	.089	0	36	.015	.219	y	30	200.2...	277.2	21.337	76.5	1.... H1-1b
110	FACEC6	L2.5x2.5...	.082	2.042	20	.015	0	z	2	17.319	29.192	.873	1.713	1.... H2-1
111	FACEA6	L2.5x2.5...	.082	2.042	2	.009	0	z	20	17.319	29.192	.873	1.713	1.... H2-1
112	FACE1	W8X21	.070	7	5	.021	3.865	y	6	200.2...	277.2	21.337	76.5	1.... H1-1b
113	HORIZ14	L2.5x2.5...	.068	.75	29	.028	0	z	29	27.933	29.192	.873	1.972	1.... H2-1
114	PL8	7X0.375	.068	0	29	.031	0	y	30	59.108	85.05	.664	12.403	1.... H1-1b
115	HORIZ6	L2.5x2.5...	.065	.75	29	.016	0	z	8	27.933	29.192	.873	1.972	1.... H2-1
116	PL4	7X0.375	.059	.75	29	.028	0	y	12	59.108	85.05	.664	11.502	1.... H1-1b
117	HORIZ13	L2.5x2.5...	.055	0	29	.010	.75	z	32	27.933	29.192	.873	1.972	1.... H2-1
118	FACEC4	L2.5x2.5...	.054	1.958	2	.115	4	z	2	17.319	29.192	.873	1.713	1.... H2-1
119	FACEA4	L2.5x2.5...	.053	1.958	20	.111	4	z	20	17.319	29.192	.873	1.713	1.... H2-1
120	HORIZ5	L2.5x2.5...	.053	.75	29	.015	.75	z	30	27.933	29.192	.873	1.972	1.... H2-1
121	M169	L5X3.5X4	.051	.75	30	.021	.75	z	30	53.995	67.068	2.629	7.465	1.... H2-1
122	PL7	7X0.375	.047	0	29	.035	0	y	30	59.108	85.05	.664	12.403	1.... H1-1b
123	HORIZ16	L2.5x2.5...	.041	0	32	.030	.75	z	29	27.933	29.192	.873	1.972	1.... H2-1
124	MTIEBACK	PIPE_2.5	.030	3.601	12	.208	0		23	33.175	50.715	3.596	3.596	1.... H1-1b
125	PL5	7X0.375	.024	0	27	.039	0	y	30	59.108	85.05	.664	12.403	1.... H1-1b
126	PL1	7X0.375	.023	0	9	.041	0	y	9	59.108	85.05	.664	12.403	1.68 H1-1b
127	HORIZ15	L2.5x2.5...	.020	0	14	.026	.75	z	29	27.933	29.192	.873	1.972	1.... H2-1



POD Job # 22-128992
Site Number 88014
Site Name New Fairfield

Connection Type Single Shear

RISA 3D Forces
 Axial (Bolts) 0.431 kips
 Shear (Bolts) 1.847 kips
 Axial Force (Member) 2.069 kips

Bolt/Member Information

Member Label H DIAG3
 # of Bolts 1
 Diameter 0.5 inches
 Bolt Grade A325
 Member Grade A36
 Threads Included? Yes
 L_b 0 inches
 L_c 1 inches
 t 0.1875 inches

Prying Inputs:
 Member Grade A36
 Angle Size L2-1/2X1-1/2X3/16 in
 Length of Bolted Leg 2.5 in
 Torsion 0.001 k-ft
 My 0 k-ft

Shear Capacity 20.9%

Axial Capacity 3.4%

Bearing Capacity 19.8%

Combined Capacity 4.5%

Prying Check 0.2%



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CORPORATION

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Structural Analysis Report

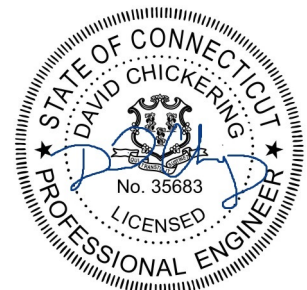
Structure : 188 ft Self Support Tower
ATC Site Name : NEW FAIRFIELD,CT
ATC Site Number : 88014
Engineering Number : 13934709_C3_06
Proposed Carrier : T-MOBILE
Carrier Site Name : New Fairfield (AT&T)
Carrier Site Number : CT11106A
Site Location : 22 Titicus Mtn Road
New Fairfield, CT 06812-2565
41.4507, -73.516
County : Fairfield
Date : June 9, 2022
Max Usage : 71%
Result : Pass

Prepared By:

Ravi Siddharth Raja
CLS

Reviewed By:

Digitally signed by
David W Chickering
Date: 2022.06.10
09:19:09 -04'00'



David Chickering
Telamon Tower Engineering PLLC
PE # 35683 Exp. 01/31/2023

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Introduction

The purpose of this report is to summarize results of a structural analysis performed on the 188 ft Self Support tower to reflect the change in loading by T-MOBILE.

Supporting Documents

Tower Drawings	Analysis by CSEI, ATC Eng. #26464321, dated August 21, 2006.
Foundation Drawing	Mapping By Geotel Report #E08-291-F, dated May 19, 2008
Geotechnical Report	Geotel Report #E08-291-G, dated May 19, 2008
Mount Analysis	Analysis by POD, ATC Eng. #13934709_C8_01, dated May 4, 2022
Mount Modification Drawings	Analysis by POS, ATC Eng. #13934709_C9_05, dated June 06, 2022

Analysis

The tower was analyzed using American Tower Corporation's tower analysis software. This program considers an elastic three-dimensional model and second-order effects per ANSI/TIA-222.

Basic Wind Speed:	115 mph (3-second gust)
Basic Wind Speed w/ Ice:	50 mph (3-second gust) w/ 1.00" radial ice concurrent
Code:	ANSI/TIA-222-H / 2015 IBC / 2018 Connecticut State Building Code
Exposure Category:	B
Risk Category:	II
Topographic Factor Procedure:	Method 1
Topographic Category:	1
Crest Height (H):	0 ft
Crest Length (L):	0 ft
Spectral Response:	$S_s = 0.22, S_i = 0.06$
Site Class:	D - Stiff Soil - Default

Conclusion

Based on the analysis results, the structure meets the requirements per the applicable codes listed above. The tower and foundation can support the equipment as described in this report.

If you have any questions or require additional information, please contact American Tower via email at Engineering@americantower.com. Please include the American Tower site name, site number, and engineering number in the subject line for any questions.

Existing and Reserved Equipment

Elev. ¹ (ft)	Qty	Equipment	Mount Type	Lines	Carrier
193.0	-	-	Square Low Profile Platform	-	T-MOBILE
190.0	-	-	-	(1) 7/8" Coax	UNKNOWN
170.3	-	-	Catwalk	-	-
172.5	3	Alcatel-Lucent TD-RRH8x20-25 w/ Solar Shield	Sector Frame	(1) 1 1/4" (1.25"-31.8mm) Fiber (3) 1 1/4" Hybriflex Cable	SPRINT NEXTEL
171.9	3	Alcatel-Lucent 2X50W RRH w/o Filter			
	3	Alcatel-Lucent ALU 800MHz External Notch Filter			
167.0	3	Alcatel-Lucent 4x40W RRH (91 lb)			
	3	RFS APXVSP18-C-A20			
	3	RFS APXV9TM14-ALU-I20*			
160.0	3	Ericsson RRUS 4449 B5, B12	Sector Frame	(2) 0.40" (10.3mm) Fiber (2) 0.82" (20.8mm) 8 AWG 6 (4) 0.92" (23.4mm) Cable (6) 1 5/8" Coax	AT&T MOBILITY
	3	CCI DMP65R-BU6DA			
	3	Ericsson RRUS 4478 B14			
	3	Ericsson RRUS 32 B2			
	2	Raycap DC9-48-60-24-8C-EV			
	3	CCI OPA65RBU6DA			
	3	Ericsson RRUS 4415 B30			
	3	Ericsson RRUS 4426 B66			
	3	Ericsson RRUS 8843 B2, B66A			
155.7	3	Allgon 7770.00			
155.1	3	CCI HPA-65R-BUU-H6			
155.0	6	Powerwave Allgon LGP21401			
146.0	3	Generic 48" x 12" Panel	Sector Frame	(1) 1 1/4" (1.25"-31.8mm) Fiber (8) 1 5/8" Coax (2) 1 5/8" Hybriflex	VERIZON WIRELESS
	3	Antel LPA-80063/4CF			
	6	Commscope SBNHH-1D65B			
	1	Raycap RCMD-6627-PF-48			
	1	Amphenol Antel BXA-171063-8BF-EDIN-X			
	3	Samsung B5/B13 RRH-BR04C			
145.5	1	Amphenol Antel BXA-70063-6CF-EDIN-X			
137.3	-	-	Rest Platform	-	-
	-	-	Empty Side Arm	-	-
137.0	3	Fujitsu TA08025-B605	Sector Frame	(1) 1.75" (44.5mm) Hybrid	DISH WIRELESS L.L.C.
	3	Fujitsu TA08025-B604			
	3	JMA Wireless MX08FRO665-21			
	1	Commscope RDIDC-9181-PF-48			
120.0	-	-	Empty Side Arm	-	-
112.3	-	-	Empty Side Arm	-	-
100.0	-	-	Empty Side Arm	-	-
	-	-	Rest Platform	-	-
87.5	-	-	Rest Platform	-	-

Elev. ¹ (ft)	Qty	Equipment	Mount Type	Lines	Carrier
80.0	1	Andrew DB616E-BC	Side Arm	(1) 7/8" Coax	US DEPT OF HOMELAND SECURITY
50.0	-	-	Rest Platform	-	-

Equipment to be Removed

Elev. ¹ (ft)	Qty	Equipment	Mount Type	Lines	Carrier
193.0	6	Ericsson AIR 21, 1.3M, B4AB2P	-	(12) 1 5/8" Coax (1) 1 5/8" (1.63"-41.3 mm) Fiber (1) 1/4" Coax	T-MOBILE
	1	Ericsson KRY 112 144/1			
	3	Ericsson RRUS 11 B12			
	1	RFS SC2-W100AB			
191.0	3	Commscope LNX-6515DS-VTM			

Proposed Equipment

Elev. ¹ (ft)	Qty	Equipment	Mount Type	Lines	Carrier
193.0	3	Ericsson 4460 BAND 2/25	Square Low Profile Platform	(3) 1.99" (50.7mm) Hybrid	T-MOBILE
	3	Ericsson 4480 BAND 71			
	3	Commscope VV-65A-R1			
	3	RFS APXVAALL24 43-U-NA20			
191.0	3	Ericsson AIR 6419 B41			

¹ Contracted elevations are shown for appurtenances within contracted installation tolerances. Appurtenances outside of contract limits are shown at installed elevations.

Install proposed lines in the place of the existing T-MOBILE lines.

Structure Usage

Structural Component	Controlling Usage	Pass/Fail
Legs	45%	Pass
Diagonals	71%	Pass
Horizontals	33%	Pass
Anchor Bolts	50%	Pass

Foundations

Reaction Component	Analysis Reactions	% of Usage
Uplift (Kips)	153.6	57%
Download (kips)	214.6	25%

The structure base reactions resulting from this analysis were found to be acceptable through analysis based on geotechnical and foundation information, therefore no modification or reinforcement of the foundation will be required.

Deflection, Twist and Sway*

Antenna Elevation (ft)	Antenna	Carrier	Deflection (ft)	Twist (°)	Sway (Rotation) (°)
146.0	Antel LPA-80063/4CF	VERIZON WIRELESS	0.071	0.004	0.047
	Commscope SBNHH-1D65B				
	Generic 48" x 12" Panel				
137.0	Commscope RDIDC-9181-PF-48	DISH WIRELESS L.L.C.	0.060	0.004	0.044
	Fujitsu TA08025-B604				
	Fujitsu TA08025-B605				
	JMA Wireless MX08FRO665-21				

*Deflection, Twist and Sway was evaluated considering a design wind speed of 60 mph (3-Second Gust) per ANSI/TIA-222-H

Standard Conditions

All engineering services performed by A.T. Engineering Services LLC are prepared on the basis that the information used is current and correct. This information may consist of, but is not limited to the following:

- Information supplied by the client regarding antenna, mounts and feed line loading
- Information from drawings, design and analysis documents, and field notes in the possession of A.T. Engineering Services LLC

It is the responsibility of the client to ensure that the information provided to A.T. Engineering Services LLC and used in the performance of our engineering services is correct and complete.

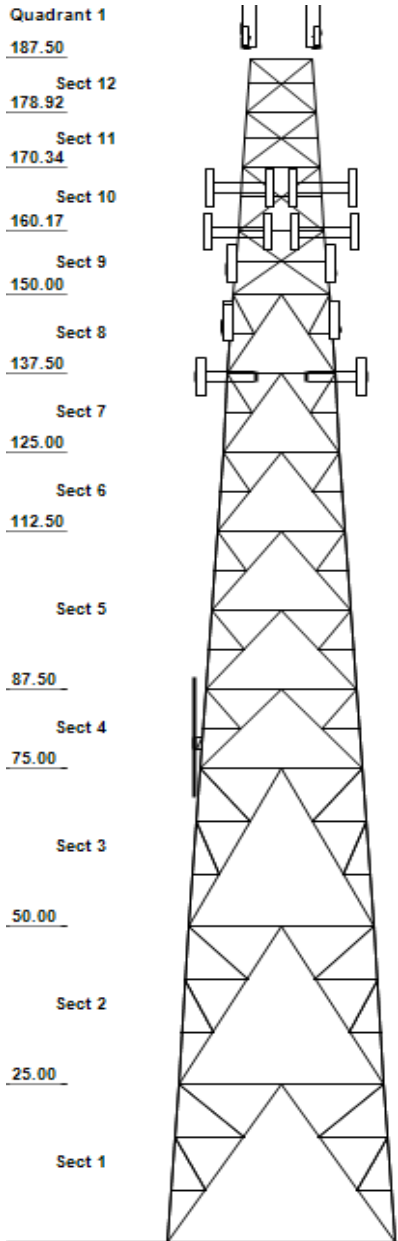
All assets of American Tower Corporation, its affiliates, and subsidiaries (collectively “American Tower”) are inspected at regular intervals. Based upon these inspections and in the absence of information to the contrary, American Tower assumes that all structures were constructed in accordance with the drawings and specifications.

Unless explicitly agreed by both the client and A.T. Engineering Services LLC, all services will be performed in accordance with the current revision of ANSI/TIA-222.

All services are performed, results obtained, and recommendations made in accordance with generally accepted engineering principles and practices. A.T. Engineering Services LLC is not responsible for the conclusions, opinions and recommendations made by others based on the information supplied herein.

Asset: 88014, NEW FAIRFIELD
 Client: T-MOBILE
 Code: ANSI/TIA-222-H

Height : 187.5 ft
 Base Width : 32.45 ft
 Shape : Square



SITE PARAMETERS

Nominal Wind : 115 mph wind with no ice Exposure : B Site Class : D
 Ice Wind: 50 mph wind with 1" radial Topo Method: Method 1 Risk Cat : II
 Service Wind : 60 mph Serviceability Topo Feature : S₃ : 0.224 S₁ : 0.056

SECTION PROPERTIES

Section	Leg Members	Diagonal Members	Horizontal Members
1	SAE 36 ksi 8X8X0.875	DAS 36 ksi 3.5X3X0.25	DAL 36 ksi 3X2.5X0.3125
2	SAE 36 ksi 8X8X0.75	DAS 36 ksi 3X2.5X0.25	DAL 36 ksi 3X2.5X0.25
3	SAE 36 ksi 8X8X0.75	DAS 36 ksi 3X2.5X0.25	DAE 36 ksi 2.5X2.5X0.25
4	SAE 36 ksi 6X6X0.875	DAE 36 ksi 2.5X2.5X0.25	DAE 36 ksi 2.5X2.5X0.25
5	SAE 36 ksi 6X6X0.75	DAE 36 ksi 2.5X2.5X0.25	DAE 36 ksi 2.5X2.5X0.25
6 - 7	SAE 36 ksi 6X6X0.5625	DAL 36 ksi 2.5X2X0.25	DAE 36 ksi 2.5X2.5X0.25
8	SAE 36 ksi 6X6X0.4375	DAL 36 ksi 2.5X2X0.25	DAE 36 ksi 2.5X2.5X0.25
9	SAE 36 ksi 5X5X0.4375	SAE 36 ksi 3.5x3.5x0.25	SAU 36 ksi 3X2.5X0.25
10	SAE 36 ksi 5X5X0.4375	SAE 36 ksi 3.5x3.5x0.25	DAL 36 ksi 3X2.5X0.25
11	SAE 36 ksi 5X5X0.3125	SAE 36 ksi 3X3X0.25	SAU 36 ksi 3X2.5X0.25
12	SAE 36 ksi 5X5X0.3125	SAE 36 ksi 3X3X0.25	CHN 36 ksi C8 x 11.5

REDUNDANT SECONDARY BRACING

Section	Sub Diag 1	Sub Horiz 1	Sub Diag 2	Sub Horiz 2	Sub Diag 3	Sub Horiz 3
1 - 3	D2.5X2X0.1875	S2.5X2.5X0.187	D2.5X2X0.1875	S2.5X2.5X0.187	-	-
4 - 8	D2.5X2X0.1875	S2.5X2.5X0.187	-	-	-	-
9 - 12	-	S2X2X0.25	-	-	-	-

DISCRETE APPURTENANCE

Elev (ft)	Type	Qty	Description
193.00	PANEL	3	Commscope VV-65A-R1
193.00	PANEL	3	RFS APXVAALL24 43-U-NA20
193.00	Radio/ODU	3	Ericsson 4480 BAND 71
193.00	Radio/ODU	3	Ericsson 4460 BAND 2/25
191.00	PANEL	3	Ericsson AIR 6419 B41
187.50	Mount Reinforcement	3	Generic Mount Reinforcement
187.50	Side Arm	3	Generic Flat Side Arm
187.50	Triangular Low Profile Platform	1	Platform
172.50	RRU/RRH	3	Alcatel-Lucent TD-RRH8x20-25 w
171.90	Filter	3	Alcatel-Lucent ALU 800MHz Exte
171.90	RRU/RRH	3	Alcatel-Lucent 2X50W RRH w/o F
170.30	Triangular Low Profile Platform	1	Catwalk
167.00	PANEL	3	RFS APXV9TM14-ALU-I20*
167.00	PANEL	3	RFS APXVSP18-C-A20
167.00	RRU/RRH	3	Alcatel-Lucent 4x40W RRH (91 I
167.00	Sector Frame	3	Generic Flat Light Sector Fram
160.00	BOB/SSB	2	Raycap DC9-48-60-24-8C-EV
160.00	PANEL	3	CCI OPA65RBU6DA
160.00	PANEL	3	CCI DMP65R-BU6DA
160.00	RET/RCU	6	Kathrein Scala 860 10025
160.00	RRU/RRH	3	Ericsson RRUS 4478 B14
160.00	RRU/RRH	3	Ericsson RRUS 32 B2
160.00	RRU/RRH	3	Ericsson RRUS 4449 B5, B12
160.00	RRU/RRH	3	Ericsson RRUS 4415 B30

Asset: 88014, NEW FAIRFIELD
 Client: T-MOBILE
 Code: ANSI/TIA-222-H

Height : 187.5 ft
 Base Width : 32.45 ft
 Shape : Square

DISCRETE APPURTENANCE

Elev (ft)	Type	Qty	Description
160.00	RRU/RRH	3	Ericsson RRUS 8843 B2, B66A
160.00	RRU/RRH	3	Ericsson RRUS 4426 B66
160.00	Sector Frame	3	Generic Round Sector Frame
155.70	PANEL	3	Allgon 7770.00
155.10	PANEL	3	CCI HPA-65R-BUU-H6
155.00	TTA	6	Powerwave Allgon LGP21401
146.00	BOB/SSB	1	Raycap RCMDC-6627-PF-48
146.00	PANEL	1	Amphenol Antel BXA-171063-8BF-
146.00	PANEL	3	Generic 48" x 12" Panel
146.00	PANEL	3	Antel LPA-80063/4CF
146.00	PANEL	6	Commscope SBNHH-1D65B
146.00	RRU/RRH	3	Samsung B2/B66A RRH-BR049
146.00	RRU/RRH	3	Samsung B5/B13 RRH-BR04C
145.50	PANEL	1	Amphenol Antel BXA-70063-6CF-E
145.00	Other	3	Site Pro 1 VFA12-HD Sector Fra
137.50	Sector Frame	1	Rest Platform
137.50	Side Arm	1	Generic Flat Side Arm
137.00	BOB/SSB	1	Commscope RDIDC-9181-PF-48
137.00	PANEL	3	JMA Wireless MX08FRO665-21
137.00	RRU/RRH	3	Fujitsu TA08025-B604
137.00	RRU/RRH	3	Fujitsu TA08025-B605
137.00	Sector Frame	3	Generic Round Sector Frame
120.00	Side Arm	1	Generic Flat Side Arm
112.50	Side Arm	1	Generic Flat Side Arm
100.00	Side Arm	1	Generic Flat Side Arm
100.00	Triangular Low Profile Platform	1	Platform
87.50	Sector Frame	1	Rest Platform
82.00	Side Arm	1	Generic Round Side Arm
80.00	OMNI	1	Andrew DB616E-BC
50.00	Sector Frame	1	Rest Platform

LINEAR APPURTENANCE

Elev (ft)	From	To	Qty	Description
0.00	193.00		3	1.99" (50.7mm) Hybrid
0.00	190.00		1	7/8" Coax
0.00	187.50		1	Waveguide
0.00	187.50		1	Climbing Ladder
0.00	182.00		1	Waveguide
0.00	172.00		1	1 1/4" (1.25"- 31.8mm) Fiber
0.00	167.00		3	1 1/4" Hybriflex Cable
0.00	160.00		1	Waveguide
0.00	160.00		4	0.92" (23.4mm) Cable
0.00	160.00		2	0.82" (20.8mm) 8 AWG 6
0.00	160.00		2	0.40" (10.3mm) Fiber
0.00	155.00		6	1 5/8" Coax
0.00	146.00		2	1 5/8" Hybriflex
0.00	146.00		8	1 5/8" Coax
0.00	146.00		1	1 1/4" (1.25"- 31.8mm) Fiber
0.00	145.00		1	Waveguide
0.00	137.00		1	Waveguide
0.00	137.00		1	1.75" (44.5mm) Hybrid
0.00	80.00		1	7/8" Coax

Asset: 88014, NEW FAIRFIELD
 Client: T-MOBILE
 Code: ANSI/TIA-222-H

Height : 187.5 ft
 Base Width : 32.45 ft
 Shape : Square

LINEAR APPURTENANCE

Elev (ft)		Qty	Description
From	To		
8.30	33.30	4	Coax Cage

GLOBAL BASE FOUNDATION DESIGN LOADS

Load Case	Moment (k-ft)	Vertical (kip)	Horizontal (kip)
DL+WL	8257.13	138.76	74.02
DL+WL+IL	2585.79	244.96	23.12

INDIVIDUAL BASE FOUNDATION DESIGN LOADS

Vertical (kip)	Uplift (kip)	Horizontal (kip)
214.64	153.65	29.97

ANALYSIS PARAMETERS

Location:	Fairfield County, CT	Height:	187.5 ft
Type and Shape:	Self Support, Square	Base Elevation:	0.00 ft
Manufacturer:	AT&T TAG	Bottom Face Width:	32.45 ft
Kd	0.85	Top Face Width:	9.00 ft
Ke:	0.97	Anchor Bolt Detail Type:	c

ICE & WIND PARAMETERS

Exposure Category:	B	Design Wind Speed Without Ice:	115 mph
Risk Category:	II	Design Wind Speed with Ice:	50 mph
Topographic Factor Procedure:	Method 1	Operational Windspeed:	60 mph
Topographic Category:	Flat	Design Ice Thickness:	1.00 in
Crest Height:	0 ft	HMSL:	890 ft

SEISMIC PARAMETERS

Analysis Method:	Equivalent Lateral Force Method		
Site Class:	D - Stiff Soil	Period Based on Rayleigh Method (sec):	0.67
T_L (sec):	6	P:	1.3
S_s:	0.224	S₁:	0.056
F_a:	1.600	F_v:	2.400
S_{ds}:	0.239	S_{d1}:	0.090
		C_s:	0.044
		C_{s, Max}:	0.044
		C_{s, Min}:	0.030

LOAD CASES

1.2D + 1.0W Normal	115 mph wind with no ice
1.2D + 1.0W 45°	115 mph wind with no ice
1.2D + 1.0W 90°	115 mph wind with no ice
1.2D + 1.0W 135°	115 mph wind with no ice
1.2D + 1.0W 180°	115 mph wind with no ice
1.2D + 1.0W 225°	115 mph wind with no ice
1.2D + 1.0W 270°	115 mph wind with no ice
1.2D + 1.0W 315°	115 mph wind with no ice
0.9D + 1.0W Normal	115 mph wind with no ice
0.9D + 1.0W 45°	115 mph wind with no ice
0.9D + 1.0W 90°	115 mph wind with no ice
0.9D + 1.0W 135°	115 mph wind with no ice
0.9D + 1.0W 180°	115 mph wind with no ice
0.9D + 1.0W 225°	115 mph wind with no ice
0.9D + 1.0W 270°	115 mph wind with no ice
0.9D + 1.0W 315°	115 mph wind with no ice
1.2D + 1.0Di + 1.0Wi Normal	50 mph wind with 1" radial ice
1.2D + 1.0Di + 1.0Wi 45°	50 mph wind with 1" radial ice
1.2D + 1.0Di + 1.0Wi 90°	50 mph wind with 1" radial ice
1.2D + 1.0Di + 1.0Wi 135°	50 mph wind with 1" radial ice
1.2D + 1.0Di + 1.0Wi 180°	50 mph wind with 1" radial ice
1.2D + 1.0Di + 1.0Wi 225°	50 mph wind with 1" radial ice
1.2D + 1.0Di + 1.0Wi 270°	50 mph wind with 1" radial ice
1.2D + 1.0Di + 1.0Wi 315°	50 mph wind with 1" radial ice
1.2D + 1.0Ev + 1.0Eh Normal	Seismic
1.2D + 1.0Ev + 1.0Eh 45°	Seismic
1.2D + 1.0Ev + 1.0Eh 90°	Seismic
1.2D + 1.0Ev + 1.0Eh 135°	Seismic
1.2D + 1.0Ev + 1.0Eh 180°	Seismic
1.2D + 1.0Ev + 1.0Eh 225°	Seismic
1.2D + 1.0Ev + 1.0Eh 270°	Seismic
1.2D + 1.0Ev + 1.0Eh 315°	Seismic
0.9D - 1.0Ev + 1.0Eh Normal	Seismic (Reduced DL)
0.9D - 1.0Ev + 1.0Eh 45°	Seismic (Reduced DL)

LOAD CASES

0.9D - 1.0Ev + 1.0Eh 90°	Seismic (Reduced DL)
0.9D - 1.0Ev + 1.0Eh 135°	Seismic (Reduced DL)
0.9D - 1.0Ev + 1.0Eh 180°	Seismic (Reduced DL)
0.9D - 1.0Ev + 1.0Eh 225°	Seismic (Reduced DL)
0.9D - 1.0Ev + 1.0Eh 270°	Seismic (Reduced DL)
0.9D - 1.0Ev + 1.0Eh 315°	Seismic (Reduced DL)
1.0D + 1.0W Service Normal	60 mph Wind with No Ice
1.0D + 1.0W Service 45°	60 mph Wind with No Ice
1.0D + 1.0W Service 90°	60 mph Wind with No Ice
1.0D + 1.0W Service 135°	60 mph Wind with No Ice
1.0D + 1.0W Service 180°	60 mph Wind with No Ice
1.0D + 1.0W Service 225°	60 mph Wind with No Ice
1.0D + 1.0W Service 270°	60 mph Wind with No Ice
1.0D + 1.0W Service 315°	60 mph Wind with No Ice

TOWER LOADING

Discrete Appurtenance Properties 1.2D + 1.0W

Elev (ft)	Description	Qty	Wt. (lb)	EPA Length (sf)	Width (in)	Depth (in)	K _a	Orient Factor	Vert Ecc (ft)	M _u (lb-ft)	Q _z (psf)	F _a (WL) (lb)	P _a (DL) (lb)	
193.0	Ericsson 4460 BAND 2/25	3	109	2.6	1.6	15.7	12.1	0.80	0.50	0.0	0.00	33.23	87	392
193.0	Ericsson 4480 BAND 71	3	81	2.9	1.8	15.7	7.5	0.80	0.50	0.0	0.00	33.23	98	292
193.0	Commscope VV-65A-R1	3	24	5.9	4.6	12.1	4.6	0.80	0.63	0.0	0.00	33.23	253	86
193.0	RFS APXVAALL24 43-U-NA20	3	123	20.2	8.0	24.0	8.5	0.80	0.63	0.0	0.00	33.23	864	442
191.0	Ericsson AIR 6419 B41	3	83	6.3	3.0	20.9	9.0	0.80	0.63	0.0	0.00	33.13	269	300
187.5	Generic Flat Side Arm	3	188	6.3	0.0	0.0	0.0	1.00	0.67	0.0	0.00	32.96	355	675
187.5	Generic Mount Reinforcement	3	200	7.5	0.0	0.0	0.0	1.00	1.00	0.0	0.00	32.96	630	720
187.5	Platform	1	8000	70.0	0.0	0.0	0.0	1.00	1.00	0.0	0.00	32.96	1961	9600
172.5	Alcatel-Lucent TD-RRH8x20-25 w	3	70	4.0	2.2	18.6	6.7	0.80	0.50	0.0	0.00	32.18	133	252
171.9	Alcatel-Lucent ALU 800MHz Exte	3	9	0.7	0.8	8.0	3.0	0.80	0.50	0.0	0.00	32.15	22	32
171.9	Alcatel-Lucent 2X50W RRH w/o F	3	53	2.1	1.6	13.0	8.6	0.80	0.50	0.0	0.00	32.15	67	191
170.3	Catwalk	1	6500	55.0	0.0	0.0	0.0	1.00	1.00	0.0	0.00	32.06	1499	7800
167.0	Alcatel-Lucent 4x40W RRH (91 I	3	91	3.3	1.9	13.0	17.3	0.80	0.50	0.0	0.00	31.88	107	328
167.0	RFS APXV9TM14-ALU-I20*	3	55	6.3	4.7	12.6	6.3	0.80	0.66	0.0	0.00	31.88	272	198
167.0	RFS APXVSP18-C-A20	3	57	8.0	6.0	11.8	7.0	0.80	0.69	0.0	0.00	31.88	360	205
167.0	Generic Flat Light Sector Fram	3	400	17.9	0.0	0.0	0.0	0.75	0.75	0.0	0.00	31.88	819	1440
160.0	Kathrein Scala 860 10025	6	1	0.2	0.6	2.4	2.0	0.80	0.50	0.0	0.00	31.50	10	9
160.0	Ericsson RRUS 8843 B2, B66A	3	72	1.6	1.2	13.2	10.9	0.80	0.50	0.0	0.00	31.50	53	259
160.0	Ericsson RRUS 4426 B66	3	48	1.6	1.3	13.2	5.8	0.80	0.50	0.0	0.00	31.50	53	174
160.0	Ericsson RRUS 4415 B30	3	46	1.8	1.4	13.4	5.9	0.80	0.50	0.0	0.00	31.50	59	166
160.0	Ericsson RRUS 4449 B5, B12	3	71	2.0	1.5	13.2	9.4	0.80	0.50	0.0	0.00	31.50	63	256
160.0	Ericsson RRUS 4478 B14	3	59	2.0	1.5	13.4	8.3	0.80	0.50	0.0	0.00	31.50	65	214
160.0	Ericsson RRUS 32 B2	3	53	2.7	2.3	12.1	7.0	0.80	0.50	0.0	0.00	31.50	88	191
160.0	Raycap DC9-48-60-24-8C-EV	2	16	4.8	2.6	18.3	10.2	0.80	0.50	0.0	0.00	31.50	103	38
160.0	CCI DMP65R-BU6DA	3	79	12.7	5.9	20.7	7.7	0.80	0.63	0.0	0.00	31.50	514	286
160.0	CCI OPA65RBU6DA	3	60	12.9	5.9	21.0	7.8	0.80	0.63	0.0	0.00	31.50	521	217
160.0	Generic Round Sector Frame	3	300	14.4	0.0	0.0	0.0	0.75	0.67	0.0	0.00	31.50	581	1080
155.7	Allgon 7770.00	3	35	5.5	4.6	11.0	5.0	0.80	0.65	0.0	0.00	31.25	228	126
155.1	CCI HPA-65R-BUU-H6	3	51	9.7	6.0	14.8	9.0	0.80	0.69	0.0	0.00	31.22	424	184
155.0	Powerwave Allgon LGP21401	6	14	1.1	1.2	9.2	2.6	0.80	0.50	0.0	0.00	31.21	70	102
146.0	Samsung B2/B66A RRH-BR049	3	84	1.9	1.3	15.0	10.0	0.80	0.50	0.0	0.00	30.68	59	304
146.0	Samsung B5/B13 RRH-BR04C	3	70	1.9	1.3	15.0	8.1	0.80	0.50	0.0	0.00	30.68	59	253
146.0	Amphenol Antel BXA-171063-8BF-	1	11	2.9	4.0	6.1	4.1	0.80	1.00	0.0	0.00	30.68	61	13
146.0	Raycap RCMD-6627-PF-48	1	32	4.1	2.5	16.5	12.6	0.80	1.00	0.0	0.00	30.68	85	38
146.0	Generic 48" x 12" Panel	3	30	5.1	4.0	12.0	6.0	0.80	0.75	0.0	0.00	30.68	238	108
146.0	Antel LPA-80063/4CF	3	20	6.1	4.0	15.2	13.2	0.80	0.82	0.0	0.00	30.68	315	72
146.0	Commscope SBNHH-1D65B	6	51	8.2	6.1	11.9	7.1	0.80	0.69	0.0	0.00	30.68	706	365
145.5	Amphenol Antel BXA-70063-6CF-E	1	17	7.6	5.9	11.2	5.2	0.90	1.00	0.0	0.00	30.65	177	20
145.0	Site Pro 1 VFA12-HD Sector Fra	3	738	14.4	0.0	0.0	0.0	0.75	0.67	0.0	0.00	30.62	565	2657
137.5	Generic Flat Side Arm	1	188	6.3	0.0	0.0	0.0	1.00	1.00	0.0	0.00	30.16	162	225
137.5	Rest Platform	1	500	15.0	0.0	0.0	0.0	1.00	1.00	0.0	0.00	30.16	385	600
137.0	Commscope RDIDC-9181-PF-48	1	22	1.9	1.3	14.0	8.0	0.80	1.00	0.0	0.00	30.13	38	26
137.0	Fujitsu TA08025-B605	3	75	2.0	1.3	15.0	9.1	0.80	0.50	0.0	0.00	30.13	60	270
137.0	Fujitsu TA08025-B604	3	64	2.0	1.3	15.0	7.9	0.80	0.50	0.0	0.00	30.13	60	230
137.0	JMA Wireless MX08FRO665-21	3	65	12.5	6.0	20.0	8.0	0.80	0.64	0.0	0.00	30.13	491	232
137.0	Generic Round Sector Frame	3	300	14.4	0.0	0.0	0.0	0.75	0.75	0.0	0.00	30.13	622	1080
120.0	Generic Flat Side Arm	1	188	6.3	0.0	0.0	0.0	1.00	1.00	0.0	0.00	29.01	155	225
112.5	Generic Flat Side Arm	1	188	6.3	0.0	0.0	0.0	1.00	1.00	0.0	0.00	28.48	153	225
100.0	Generic Flat Side Arm	1	188	6.3	0.0	0.0	0.0	1.00	1.00	0.0	0.00	27.54	147	225
100.0	Platform	1	5500	45.0	0.0	0.0	0.0	1.00	1.00	0.0	0.00	27.54	1053	6600
87.5	Rest Platform	1	500	15.0	0.0	0.0	0.0	1.00	1.00	0.0	0.00	26.51	338	600
82.0	Generic Round Side Arm	1	188	5.2	0.0	0.0	0.0	1.00	1.00	0.0	0.00	26.02	115	225
80.0	Andrew DB616E-BC	1	51	6.7	19.3	3.5	3.5	1.00	1.00	0.0	0.00	25.84	148	61
50.0	Rest Platform	1	500	15.0	0.0	0.0	0.0	1.00	1.00	0.0	0.00	22.59	288	600
Totals		138	34,590	998.5								17,110	41,508	

TOWER LOADING

Discrete Appurtenance Properties 0.9D + 1.0W

Elev (ft)	Description	Qty	Wt. (lb)	EPA Length (sf)	Width (in)	Depth (in)	K _a	Orient Factor	Vert Ecc (ft)	M _u (lb-ft)	Q _z (psf)	F _a (WL) (lb)	P _a (DL) (lb)	
193.0	Ericsson 4460 BAND 2/25	3	109	2.6	1.6	15.7	12.1	0.80	0.50	0.0	0.00	33.23	87	294
193.0	Ericsson 4480 BAND 71	3	81	2.9	1.8	15.7	7.5	0.80	0.50	0.0	0.00	33.23	98	219

Elev (ft)	Description	Qty	Wt. (lb)	EPA Length (sf)	Width (in)	Depth (in)	K _a	Orient Factor	Vert Ecc (ft)	M _u (lb-ft)	Q _z (psf)	F _a (WL) (lb)	P _a (DL) (lb)	
193.0	Commscope VV-65A-R1	3	24	5.9	4.6	12.1	4.6	0.80	0.63	0.0	0.00	33.23	253	64
193.0	RFS APXVAALL24 43-U-NA20	3	123	20.2	8.0	24.0	8.5	0.80	0.63	0.0	0.00	33.23	864	332
191.0	Ericsson AIR 6419 B41	3	83	6.3	3.0	20.9	9.0	0.80	0.63	0.0	0.00	33.13	269	225
187.5	Generic Flat Side Arm	3	188	6.3	0.0	0.0	0.0	1.00	0.67	0.0	0.00	32.96	355	506
187.5	Generic Mount Reinforcement	3	200	7.5	0.0	0.0	0.0	1.00	1.00	0.0	0.00	32.96	630	540
187.5	Platform	1	8000	70.0	0.0	0.0	0.0	1.00	1.00	0.0	0.00	32.96	1961	7200
172.5	Alcatel-Lucent TD-RRH8x20-25 w	3	70	4.0	2.2	18.6	6.7	0.80	0.50	0.0	0.00	32.18	133	189
171.9	Alcatel-Lucent ALU 800MHz Exte	3	9	0.7	0.8	8.0	3.0	0.80	0.50	0.0	0.00	32.15	22	24
171.9	Alcatel-Lucent 2X50W RRH w/o F	3	53	2.1	1.6	13.0	8.6	0.80	0.50	0.0	0.00	32.15	67	143
170.3	Catwalk	1	6500	55.0	0.0	0.0	0.0	1.00	1.00	0.0	0.00	32.06	1499	5850
167.0	Alcatel-Lucent 4x40W RRH (91 I	3	91	3.3	1.9	13.0	17.3	0.80	0.50	0.0	0.00	31.88	107	246
167.0	RFS APXV9TM14-ALU-I20*	3	55	6.3	4.7	12.6	6.3	0.80	0.66	0.0	0.00	31.88	272	149
167.0	RFS APXVSP18-C-A20	3	57	8.0	6.0	11.8	7.0	0.80	0.69	0.0	0.00	31.88	360	154
167.0	Generic Flat Light Sector Fram	3	400	17.9	0.0	0.0	0.0	0.75	0.75	0.0	0.00	31.88	819	1080
160.0	Kathrein Scala 860 10025	6	1	0.2	0.6	2.4	2.0	0.80	0.50	0.0	0.00	31.50	10	6
160.0	Ericsson RRUS 8843 B2, B66A	3	72	1.6	1.2	13.2	10.9	0.80	0.50	0.0	0.00	31.50	53	194
160.0	Ericsson RRUS 4426 B66	3	48	1.6	1.3	13.2	5.8	0.80	0.50	0.0	0.00	31.50	53	131
160.0	Ericsson RRUS 4415 B30	3	46	1.8	1.4	13.4	5.9	0.80	0.50	0.0	0.00	31.50	59	124
160.0	Ericsson RRUS 4449 B5, B12	3	71	2.0	1.5	13.2	9.4	0.80	0.50	0.0	0.00	31.50	63	192
160.0	Ericsson RRUS 4478 B14	3	59	2.0	1.5	13.4	8.3	0.80	0.50	0.0	0.00	31.50	65	160
160.0	Ericsson RRUS 32 B2	3	53	2.7	2.3	12.1	7.0	0.80	0.50	0.0	0.00	31.50	88	143
160.0	Raycap DC9-48-60-24-8C-EV	2	16	4.8	2.6	18.3	10.2	0.80	0.50	0.0	0.00	31.50	103	29
160.0	CCI DMP65R-BU6DA	3	79	12.7	5.9	20.7	7.7	0.80	0.63	0.0	0.00	31.50	514	214
160.0	CCI OPA65RBU6DA	3	60	12.9	5.9	21.0	7.8	0.80	0.63	0.0	0.00	31.50	521	163
160.0	Generic Round Sector Frame	3	300	14.4	0.0	0.0	0.0	0.75	0.67	0.0	0.00	31.50	581	810
155.7	Allgon 7770.00	3	35	5.5	4.6	11.0	5.0	0.80	0.65	0.0	0.00	31.25	228	94
155.1	CCI HPA-65R-BUU-H6	3	51	9.7	6.0	14.8	9.0	0.80	0.69	0.0	0.00	31.22	424	138
155.0	Powerwave Allgon LGP21401	6	14	1.1	1.2	9.2	2.6	0.80	0.50	0.0	0.00	31.21	70	76
146.0	Samsung B2/B66A RRH-BR049	3	84	1.9	1.3	15.0	10.0	0.80	0.50	0.0	0.00	30.68	59	228
146.0	Samsung B5/B13 RRH-BR04C	3	70	1.9	1.3	15.0	8.1	0.80	0.50	0.0	0.00	30.68	59	190
146.0	Amphenol Antel BXA-171063-8BF-	1	11	2.9	4.0	6.1	4.1	0.80	1.00	0.0	0.00	30.68	61	9
146.0	Raycap RCMDC-6627-PF-48	1	32	4.1	2.5	16.5	12.6	0.80	1.00	0.0	0.00	30.68	85	29
146.0	Generic 48" x 12" Panel	3	30	5.1	4.0	12.0	6.0	0.80	0.75	0.0	0.00	30.68	238	81
146.0	Antel LPA-80063/4CF	3	20	6.1	4.0	15.2	13.2	0.80	0.82	0.0	0.00	30.68	315	54
146.0	Commscope SBNHH-1D65B	6	51	8.2	6.1	11.9	7.1	0.80	0.69	0.0	0.00	30.68	706	274
145.5	Amphenol Antel BXA-70063-6CF-E	1	17	7.6	5.9	11.2	5.2	0.90	1.00	0.0	0.00	30.65	177	15
145.0	Site Pro 1 VFA12-HD Sector Fra	3	738	14.4	0.0	0.0	0.0	0.75	0.67	0.0	0.00	30.62	565	1993
137.5	Generic Flat Side Arm	1	188	6.3	0.0	0.0	0.0	1.00	1.00	0.0	0.00	30.16	162	169
137.5	Rest Platform	1	500	15.0	0.0	0.0	0.0	1.00	1.00	0.0	0.00	30.16	385	450
137.0	Commscope RDIDC-9181-PF-48	1	22	1.9	1.3	14.0	8.0	0.80	1.00	0.0	0.00	30.13	38	20
137.0	Fujitsu TA08025-B605	3	75	2.0	1.3	15.0	9.1	0.80	0.50	0.0	0.00	30.13	60	202
137.0	Fujitsu TA08025-B604	3	64	2.0	1.3	15.0	7.9	0.80	0.50	0.0	0.00	30.13	60	173
137.0	JMA Wireless MX08FRO665-21	3	65	12.5	6.0	20.0	8.0	0.80	0.64	0.0	0.00	30.13	491	174
137.0	Generic Round Sector Frame	3	300	14.4	0.0	0.0	0.0	0.75	0.75	0.0	0.00	30.13	622	810
120.0	Generic Flat Side Arm	1	188	6.3	0.0	0.0	0.0	1.00	1.00	0.0	0.00	29.01	155	169
112.5	Generic Flat Side Arm	1	188	6.3	0.0	0.0	0.0	1.00	1.00	0.0	0.00	28.48	153	169
100.0	Generic Flat Side Arm	1	188	6.3	0.0	0.0	0.0	1.00	1.00	0.0	0.00	27.54	147	169
100.0	Platform	1	5500	45.0	0.0	0.0	0.0	1.00	1.00	0.0	0.00	27.54	1053	4950
87.5	Rest Platform	1	500	15.0	0.0	0.0	0.0	1.00	1.00	0.0	0.00	26.51	338	450
82.0	Generic Round Side Arm	1	188	5.2	0.0	0.0	0.0	1.00	1.00	0.0	0.00	26.02	115	169
80.0	Andrew DB616E-BC	1	51	6.7	19.3	3.5	3.5	1.00	1.00	0.0	0.00	25.84	148	46
50.0	Rest Platform	1	500	15.0	0.0	0.0	0.0	1.00	1.00	0.0	0.00	22.59	288	450
Totals		138	34,590	998.5								17,110	31,131	

TOWER LOADING

Discrete Appurtenance Properties 1.2D + 1.0Di + 1.0Wi

Elev (ft)	Description	Qty	Ice Wt (lb)	Ice EPA Length (sf)	Width (in)	Depth (in)	K _a	Orient Factor	Vert Ecc (ft)	M _u (lb-ft)	Q _z (psf)	F _a (WL) (lb)	P _a (DL) (lb)	
193.0	Ericsson 4460 BAND 2/25	3	169	3.3	1.6	15.7	12.1	0.80	0.50	0.0	0.00	6.28	21	573
193.0	Ericsson 4480 BAND 71	3	133	3.6	1.8	15.7	7.5	0.80	0.50	0.0	0.00	6.28	23	447
193.0	Commscope VV-65A-R1	3	104	7.4	4.6	12.1	4.6	0.80	0.63	0.0	0.00	6.28	60	326
193.0	RFS APXVAALL24 43-U-NA20	3	388	22.8	8.0	24.0	8.5	0.80	0.63	0.0	0.00	6.28	184	1238
191.0	Ericsson AIR 6419 B41	3	186	7.5	3.0	20.9	9.0	0.80	0.63	0.0	0.00	6.26	60	609
187.5	Generic Flat Side Arm	3	278	8.4	0.0	0.0	0.0	1.00	0.67	0.0	0.00	6.23	90	947
187.5	Generic Mount Reinforcement	3	332	12.6	0.0	0.0	0.0	1.00	1.00	0.0	0.00	6.23	200	1116
187.5	Platform	1	1191	90.9	0.0	0.0	0.0	1.00	1.00	0.0	0.00	6.23	482	13512

Elev (ft)	Description	Qty	Ice Wt (lb)	Ice EPA (sf)	Length (ft)	Width (in)	Depth (in)	K _a	Orient Factor	Vert Ecc (ft)	M _u (lb-ft)	Q _z (psf)	F _a (WL) (lb)	P _a (DL) (lb)
			2											
172.5	Alcatel-Lucent TD-RRH8x20-25 w	3	134	4.9	2.2	18.6	6.7	0.80	0.50	0.0	0.00	6.08	31	443
171.9	Alcatel-Lucent ALU 800MHz Exte	3	21	1.0	0.8	8.0	3.0	0.80	0.50	0.0	0.00	6.08	6	67
171.9	Alcatel-Lucent 2X50W RRH w/o F	3	96	2.7	1.6	13.0	8.6	0.80	0.50	0.0	0.00	6.08	17	320
170.3	Catwalk	1	9616	73.4	0.0	0.0	0.0	1.00	1.00	0.0	0.00	6.06	378	10916
167.0	Alcatel-Lucent 4x40W RRH (91 I	3	165	4.1	1.9	13.0	17.3	0.80	0.50	0.0	0.00	6.03	25	549
167.0	RFS APXV9TM14-ALU-I20*	3	148	7.8	4.7	12.6	6.3	0.80	0.66	0.0	0.00	6.03	63	477
167.0	RFS APXVSP18-C-A20	3	173	9.9	6.0	11.8	7.0	0.80	0.69	0.0	0.00	6.03	84	554
167.0	Generic Flat Light Sector Fram	3	603	28.1	0.0	0.0	0.0	0.75	0.75	0.0	0.00	6.03	243	2049
160.0	Kathrein Scala 860 10025	6	5	0.4	0.6	2.4	2.0	0.80	0.50	0.0	0.00	5.95	5	33
160.0	Ericsson RRUS 8843 B2, B66A	3	113	2.2	1.2	13.2	10.9	0.80	0.50	0.0	0.00	5.95	13	382
160.0	Ericsson RRUS 4426 B66	3	78	2.2	1.3	13.2	5.8	0.80	0.50	0.0	0.00	5.95	13	264
160.0	Ericsson RRUS 4415 B30	3	79	2.4	1.4	13.4	5.9	0.80	0.50	0.0	0.00	5.95	15	264
160.0	Ericsson RRUS 4449 B5, B12	3	114	2.6	1.5	13.2	9.4	0.80	0.50	0.0	0.00	5.95	16	385
160.0	Ericsson RRUS 4478 B14	3	101	2.7	1.5	13.4	8.3	0.80	0.50	0.0	0.00	5.95	16	337
160.0	Ericsson RRUS 32 B2	3	102	3.5	2.3	12.1	7.0	0.80	0.50	0.0	0.00	5.95	21	339
160.0	Raycap DC9-48-60-24-8C-EV	2	103	5.8	2.6	18.3	10.2	0.80	0.50	0.0	0.00	5.95	23	211
160.0	CCI DMP65R-BU6DA	3	252	14.6	5.9	20.7	7.7	0.80	0.63	0.0	0.00	5.95	112	804
160.0	CCI OPA65RBU6DA	3	235	14.7	5.9	21.0	7.8	0.80	0.63	0.0	0.00	5.95	113	742
160.0	Generic Round Sector Frame	3	547	25.5	0.0	0.0	0.0	0.75	0.67	0.0	0.00	5.95	194	1820
155.7	Allgon 7770.00	3	119	6.2	4.6	11.0	5.0	0.80	0.65	0.0	0.00	5.91	49	377
155.1	CCI HPA-65R-BUU-H6	3	198	11.5	6.0	14.8	9.0	0.80	0.69	0.0	0.00	5.90	96	625
155.0	Powerwave Allgon LGP21401	6	31	1.6	1.2	9.2	2.6	0.80	0.50	0.0	0.00	5.90	19	201
146.0	Samsung B2/B66A RRH-BR049	3	127	2.5	1.3	15.0	10.0	0.80	0.50	0.0	0.00	5.80	15	431
146.0	Samsung B5/B13 RRH-BR04C	3	108	2.5	1.3	15.0	8.1	0.80	0.50	0.0	0.00	5.80	15	367
146.0	Amphenol Antel BXA-171063-8BF-	1	54	4.0	4.0	6.1	4.1	0.80	1.00	0.0	0.00	5.80	16	56
146.0	Raycap RCMDC-6627-PF-48	1	117	5.0	2.5	16.5	12.6	0.80	1.00	0.0	0.00	5.80	20	123
146.0	Generic 48" x 12" Panel	3	105	6.3	4.0	12.0	6.0	0.80	0.75	0.0	0.00	5.80	56	334
146.0	Antel LPA-80063/4CF	3	150	6.8	4.0	15.2	13.2	0.80	0.82	0.0	0.00	5.80	66	461
146.0	Commscope SBNHH-1D65B	6	167	10.1	6.1	11.9	7.1	0.80	0.69	0.0	0.00	5.80	164	1066
145.5	Amphenol Antel BXA-70063-6CF-E	1	115	9.4	5.9	11.2	5.2	0.90	1.00	0.0	0.00	5.79	42	119
145.0	Site Pro 1 VFA12-HD Sector Fra	3	1340	25.4	0.0	0.0	0.0	0.75	0.67	0.0	0.00	5.79	188	4463
137.5	Generic Flat Side Arm	1	275	8.4	0.0	0.0	0.0	1.00	1.00	0.0	0.00	5.70	40	313
137.5	Rest Platform	1	748	23.3	0.0	0.0	0.0	1.00	1.00	0.0	0.00	5.70	113	848
137.0	Commscope RDIDC-9181-PF-48	1	59	2.5	1.3	14.0	8.0	0.80	1.00	0.0	0.00	5.70	10	64
137.0	Fujitsu TA08025-B605	3	116	2.6	1.3	15.0	9.1	0.80	0.50	0.0	0.00	5.70	15	394
137.0	Fujitsu TA08025-B604	3	102	2.6	1.3	15.0	7.9	0.80	0.50	0.0	0.00	5.70	15	345
137.0	JMA Wireless MX08FRO665-21	3	234	14.3	6.0	20.0	8.0	0.80	0.64	0.0	0.00	5.70	107	740
137.0	Generic Round Sector Frame	3	542	25.3	0.0	0.0	0.0	0.75	0.75	0.0	0.00	5.70	207	1807
120.0	Generic Flat Side Arm	1	274	8.3	0.0	0.0	0.0	1.00	1.00	0.0	0.00	5.48	39	312
112.5	Generic Flat Side Arm	1	273	8.3	0.0	0.0	0.0	1.00	1.00	0.0	0.00	5.38	38	310
100.0	Generic Flat Side Arm	1	273	8.3	0.0	0.0	0.0	1.00	1.00	0.0	0.00	5.21	37	310
100.0	Platform	1	8007	59.3	0.0	0.0	0.0	1.00	1.00	0.0	0.00	5.21	262	9107
87.5	Rest Platform	1	736	22.9	0.0	0.0	0.0	1.00	1.00	0.0	0.00	5.01	98	836
82.0	Generic Round Side Arm	1	245	6.9	0.0	0.0	0.0	1.00	1.00	0.0	0.00	4.92	29	282
80.0	Andrew DB616E-BC	1	152	10.9	19.3	3.5	3.5	1.00	1.00	0.0	0.00	4.88	45	163
50.0	Rest Platform	1	719	22.4	0.0	0.0	0.0	1.00	1.00	0.0	0.00	4.27	81	819
Totals		138	58,083	1349.6									4388	65,001

TOWER LOADING

Discrete Appurtenance Properties 1.0D + 1.0W Service

Elev (ft)	Description	Qty	Wt. (lb)	EPA (sf)	Length (ft)	Width (in)	Depth (in)	K _a	Orient Factor	Vert Ecc (ft)	M _u (lb-ft)	Q _z (psf)	F _a (WL) (lb)	P _a (DL) (lb)
193.0	Ericsson 4460 BAND 2/25	3	109	2.6	1.6	15.7	12.1	0.80	0.50	0.0	0.00	9.05	24	327
193.0	Ericsson 4480 BAND 71	3	81	2.9	1.8	15.7	7.5	0.80	0.50	0.0	0.00	9.05	27	243
193.0	Commscope VV-65A-R1	3	24	5.9	4.6	12.1	4.6	0.80	0.63	0.0	0.00	9.05	69	71
193.0	RFS APXVAALL24 43-U-NA20	3	123	20.2	8.0	24.0	8.5	0.80	0.63	0.0	0.00	9.05	235	368
191.0	Ericsson AIR 6419 B41	3	83	6.3	3.0	20.9	9.0	0.80	0.63	0.0	0.00	9.02	73	250
187.5	Generic Flat Side Arm	3	188	6.3	0.0	0.0	0.0	1.00	0.67	0.0	0.00	8.97	97	562
187.5	Generic Mount Reinforcement	3	200	7.5	0.0	0.0	0.0	1.00	1.00	0.0	0.00	8.97	172	600
187.5	Platform	1	8000	70.0	0.0	0.0	0.0	1.00	1.00	0.0	0.00	8.97	534	8000
172.5	Alcatel-Lucent TD-RRH8x20-25 w	3	70	4.0	2.2	18.6	6.7	0.80	0.50	0.0	0.00	8.76	36	210
171.9	Alcatel-Lucent ALU 800MHz Exte	3	9	0.7	0.8	8.0	3.0	0.80	0.50	0.0	0.00	8.75	6	26
171.9	Alcatel-Lucent 2X50W RRH w/o F	3	53	2.1	1.6	13.0	8.6	0.80	0.50	0.0	0.00	8.75	18	159
170.3	Catwalk	1	6500	55.0	0.0	0.0	0.0	1.00	1.00	0.0	0.00	8.73	408	6500

Elev (ft)	Description	Qty	Wt. (lb)	EPA (sf)	Length (ft)	Width (in)	Depth (in)	K _a	Orient Factor	Vert Ecc (ft)	M _u (lb-ft)	Q _z (psf)	F _a (WL) (lb)	P _a (DL) (lb)
167.0	Alcatel-Lucent 4x40W RRH (91 I	3	91	3.3	1.9	13.0	17.3	0.80	0.50	0.0	0.00	8.68	29	273
167.0	RFS APXV9TM14-ALU-I20*	3	55	6.3	4.7	12.6	6.3	0.80	0.66	0.0	0.00	8.68	74	165
167.0	RFS APXVSP18-C-A20	3	57	8.0	6.0	11.8	7.0	0.80	0.69	0.0	0.00	8.68	98	171
167.0	Generic Flat Light Sector Fram	3	400	17.9	0.0	0.0	0.0	0.75	0.75	0.0	0.00	8.68	223	1200
160.0	Kathrein Scala 860 10025	6	1	0.2	0.6	2.4	2.0	0.80	0.50	0.0	0.00	8.57	3	7
160.0	Ericsson RRUS 8843 B2, B66A	3	72	1.6	1.2	13.2	10.9	0.80	0.50	0.0	0.00	8.57	14	216
160.0	Ericsson RRUS 4426 B66	3	48	1.6	1.3	13.2	5.8	0.80	0.50	0.0	0.00	8.57	14	145
160.0	Ericsson RRUS 4415 B30	3	46	1.8	1.4	13.4	5.9	0.80	0.50	0.0	0.00	8.57	16	138
160.0	Ericsson RRUS 4449 B5, B12	3	71	2.0	1.5	13.2	9.4	0.80	0.50	0.0	0.00	8.57	17	213
160.0	Ericsson RRUS 4478 B14	3	59	2.0	1.5	13.4	8.3	0.80	0.50	0.0	0.00	8.57	18	178
160.0	Ericsson RRUS 32 B2	3	53	2.7	2.3	12.1	7.0	0.80	0.50	0.0	0.00	8.57	24	159
160.0	Raycap DC9-48-60-24-8C-EV	2	16	4.8	2.6	18.3	10.2	0.80	0.50	0.0	0.00	8.57	28	32
160.0	CCI DMP65R-BU6DA	3	79	12.7	5.9	20.7	7.7	0.80	0.63	0.0	0.00	8.57	140	238
160.0	CCI OPA65RBU6DA	3	60	12.9	5.9	21.0	7.8	0.80	0.63	0.0	0.00	8.57	142	181
160.0	Generic Round Sector Frame	3	300	14.4	0.0	0.0	0.0	0.75	0.67	0.0	0.00	8.57	158	900
155.7	Allgon 7770.00	3	35	5.5	4.6	11.0	5.0	0.80	0.65	0.0	0.00	8.51	62	105
155.1	CCI HPA-65R-BUU-H6	3	51	9.7	6.0	14.8	9.0	0.80	0.69	0.0	0.00	8.50	116	153
155.0	Powerwave Allgon LGP21401	6	14	1.1	1.2	9.2	2.6	0.80	0.50	0.0	0.00	8.50	19	85
146.0	Samsung B2/B66A RRH-BR049	3	84	1.9	1.3	15.0	10.0	0.80	0.50	0.0	0.00	8.35	16	253
146.0	Samsung B5/B13 RRH-BR04C	3	70	1.9	1.3	15.0	8.1	0.80	0.50	0.0	0.00	8.35	16	211
146.0	Amphenol Antel BXA-171063-8BF-	1	11	2.9	4.0	6.1	4.1	0.80	1.00	0.0	0.00	8.35	17	10
146.0	Raycap RCMD-6627-PF-48	1	32	4.1	2.5	16.5	12.6	0.80	1.00	0.0	0.00	8.35	23	32
146.0	Generic 48" x 12" Panel	3	30	5.1	4.0	12.0	6.0	0.80	0.75	0.0	0.00	8.35	65	90
146.0	Antel LPA-80063/4CF	3	20	6.1	4.0	15.2	13.2	0.80	0.82	0.0	0.00	8.35	86	60
146.0	Commscope SBNHH-1D65B	6	51	8.2	6.1	11.9	7.1	0.80	0.69	0.0	0.00	8.35	192	304
145.5	Amphenol Antel BXA-70063-6CF-E	1	17	7.6	5.9	11.2	5.2	0.90	1.00	0.0	0.00	8.34	48	17
145.0	Site Pro 1 VFA12-HD Sector Fra	3	738	14.4	0.0	0.0	0.0	0.75	0.67	0.0	0.00	8.34	154	2214
137.5	Generic Flat Side Arm	1	188	6.3	0.0	0.0	0.0	1.00	1.00	0.0	0.00	8.21	44	188
137.5	Rest Platform	1	500	15.0	0.0	0.0	0.0	1.00	1.00	0.0	0.00	8.21	105	500
137.0	Commscope RDIDC-9181-PF-48	1	22	1.9	1.3	14.0	8.0	0.80	1.00	0.0	0.00	8.20	10	22
137.0	Fujitsu TA08025-B605	3	75	2.0	1.3	15.0	9.1	0.80	0.50	0.0	0.00	8.20	16	225
137.0	Fujitsu TA08025-B604	3	64	2.0	1.3	15.0	7.9	0.80	0.50	0.0	0.00	8.20	16	192
137.0	JMA Wireless MX08FRO665-21	3	65	12.5	6.0	20.0	8.0	0.80	0.64	0.0	0.00	8.20	134	194
137.0	Generic Round Sector Frame	3	300	14.4	0.0	0.0	0.0	0.75	0.75	0.0	0.00	8.20	169	900
120.0	Generic Flat Side Arm	1	188	6.3	0.0	0.0	0.0	1.00	1.00	0.0	0.00	7.90	42	188
112.5	Generic Flat Side Arm	1	188	6.3	0.0	0.0	0.0	1.00	1.00	0.0	0.00	7.75	42	188
100.0	Generic Flat Side Arm	1	188	6.3	0.0	0.0	0.0	1.00	1.00	0.0	0.00	7.50	40	188
100.0	Platform	1	5500	45.0	0.0	0.0	0.0	1.00	1.00	0.0	0.00	7.50	287	5500
87.5	Rest Platform	1	500	15.0	0.0	0.0	0.0	1.00	1.00	0.0	0.00	7.22	92	500
82.0	Generic Round Side Arm	1	188	5.2	0.0	0.0	0.0	1.00	1.00	0.0	0.00	7.08	31	188
80.0	Andrew DB616E-BC	1	51	6.7	19.3	3.5	3.5	1.00	1.00	0.0	0.00	7.03	40	51
50.0	Rest Platform	1	500	15.0	0.0	0.0	0.0	1.00	1.00	0.0	0.00	6.15	78	500
Totals		138	34,590	998.5									4,657	34,590

TOWER LOADING

Linear Appurtenance Properties

Elev From (ft)	Elev To (ft)	Description	Qty	Width (in)	Weight (lb/ft)	% In Wind	Spread On Faces	Bundling	Cluster Dia (in)	Out of Zone	Spacing (in)	Orient Factor	K _a Override
8.3	33.3	Coax Cage	4	12.00	25.00	100	1,2,3,4	Individual	0.00	N	1.00	1.00	0.00
0.0	193.0	1.99" (50.7mm) Hybrid	3	1.99	1.90	100	1	Individual	0.00	N	1.00	1.00	0.00
0.0	190.0	7/8" Coax	1	1.09	0.33	100	1	Individual	0.00	N	1.00	1.00	0.00
0.0	187.5	Climbing Ladder	1	2.00	6.90	100	1	Individual	0.00	N	1.00	1.00	0.00
0.0	187.5	Waveguide	1	2.00	6.00	100	1	Individual	0.00	N	1.00	1.00	0.00
0.0	182.0	Waveguide	1	2.00	6.00	100	1	Individual	0.00	N	1.00	1.00	0.00
0.0	172.0	1 1/4" (1.25"- 31.8mm) Fiber	1	1.25	1.05	100	1	Individual	0.00	N	1.00	1.00	0.00
0.0	167.0	1 1/4" Hybriflex Cable	3	1.54	1.00	66	1	Block	0.00	N	1.00	1.00	0.00
0.0	160.0	0.82" (20.8mm) 8 AWG 6	2	0.82	0.62	100	4	Individual	0.00	N	1.00	1.00	0.00
0.0	160.0	0.92" (23.4mm) Cable	4	0.92	0.89	100	4	Individual	0.00	N	1.00	1.00	0.00
0.0	160.0	Waveguide	1	2.00	6.00	100	4	Individual	0.00	N	1.00	1.00	0.00
0.0	160.0	0.40" (10.3mm) Fiber	2	0.40	0.09	100	4	Individual	0.00	N	1.00	1.00	0.00
0.0	155.0	1 5/8" Coax	6	1.98	0.82	100	4	Individual	0.00	N	1.00	1.00	0.00
0.0	146.0	1 1/4" (1.25"- 31.8mm) Fiber	1	1.25	1.05	100	2	Individual	0.00	N	1.00	1.00	0.00
0.0	146.0	1 5/8" Hybriflex	2	1.98	1.30	100	2	Individual	0.00	N	1.00	1.00	0.00
0.0	146.0	1 5/8" Coax	6	1.98	0.82	100	2	Individual	0.00	N	1.00	1.00	0.00
0.0	146.0	1 5/8" Coax	2	1.98	0.82	100	2	Individual	0.00	N	1.00	1.00	0.00
0.0	145.0	Waveguide	1	2.00	6.00	100	2	Individual	0.00	N	1.00	1.00	0.00
0.0	137.0	Waveguide	1	2.00	6.00	100	2	Individual	0.00	N	1.00	1.00	0.00
0.0	137.0	1.75" (44.5mm) Hybrid	1	1.75	2.72	100	2	Individual	0.00	N	1.00	1.00	0.00
0.0	80.0	7/8" Coax	1	1.09	0.33	100	1	Individual	0.00	N	1.00	1.00	0.00

SECTION FORCES

1.2D + 1.0W Normal Gust Response Factor (Gh): 0.85
 115 mph wind with no ice Wind Importance Factor (Iw): 1.00

Sect #	Elev (ft)	Q _Z (psf)	A _r (sf)	A _r (sf)	Ice A _r (sf)	e	C _r	D _r	D _r	T _{iz} (in)	A _e (sf)	EPA _a (sf)	EPA _{ai} (sf)	Wt. (lb)	Ice Wt (lb)	F _{st} (lb)	F _a (lb)	Force (lb)
12	183	32.74	21.735	0.000	0.00	0.254	2.76	1.00	1.00	0.0	21.74	59.94	0.00	2342	0	1668	214	1882
11	175	32.29	18.878	0.000	0.00	0.200	2.98	1.00	1.00	0.0	18.88	56.30	0.00	1941	0	1545	244	1790
10	165	31.79	23.088	0.000	0.00	0.186	3.04	1.00	1.00	0.0	23.09	70.20	0.00	3040	0	1897	353	2250
9	155	31.22	24.221	0.000	0.00	0.177	3.08	1.00	1.00	0.0	24.22	74.65	0.00	2909	0	1981	616	2597
8	144	30.55	26.817	0.000	0.00	0.143	3.24	1.00	1.00	0.0	26.82	86.80	0.00	4724	0	2254	1180	3433
7	131	29.76	27.593	0.000	0.00	0.134	3.28	1.00	1.00	0.0	27.59	90.60	0.00	5427	0	2292	1395	3687
6	119	28.92	28.388	0.000	0.00	0.126	3.32	1.00	1.00	0.0	28.39	94.32	0.00	5630	0	2319	1359	3678
5	100	27.54	59.230	0.000	0.00	0.116	3.37	1.00	1.00	0.0	59.23	199.60	0.00	13053	0	4672	2589	7261
4	81	25.95	30.837	0.000	0.00	0.108	3.41	1.00	1.00	0.0	30.84	105.10	0.00	7122	0	2318	1227	3545
3	62	24.08	82.186	0.000	0.00	0.130	3.30	1.00	1.00	0.0	82.19	271.28	0.00	14624	0	5552	2297	7849
2	38	20.81	86.518	0.000	0.00	0.122	3.34	1.00	1.00	0.0	86.52	289.05	0.00	16404	0	5112	2337	7449
1	12	19.51	92.567	0.000	0.00	0.117	3.36	1.00	1.00	0.0	92.57	311.27	0.00	20036	0	5161	2525	7686
														97,250	0			53,107

1.2D + 1.0W 45° Gust Response Factor (Gh): 0.85
 115 mph wind with no ice Wind Importance Factor (Iw): 1.00

Sect #	Elev (ft)	Q _Z (psf)	A _r (sf)	A _r (sf)	Ice A _r (sf)	e	C _r	D _r	D _r	T _{iz} (in)	A _e (sf)	EPA _a (sf)	EPA _{ai} (sf)	Wt. (lb)	Ice Wt (lb)	F _{st} (lb)	F _a (lb)	Force (lb)
12	183	32.74	21.735	0.000	0.00	0.254	2.76	1.19	1.19	0.0	25.88	71.38	0.00	2342	0	1986	214	2200
11	175	32.29	18.878	0.000	0.00	0.200	2.98	1.15	1.15	0.0	21.70	64.72	0.00	1941	0	1776	244	2021
10	165	31.79	23.088	0.000	0.00	0.186	3.04	1.14	1.14	0.0	26.31	80.00	0.00	3040	0	2161	353	2515
9	155	31.22	24.221	0.000	0.00	0.177	3.08	1.13	1.13	0.0	27.43	84.55	0.00	2909	0	2243	616	2860
8	144	30.55	26.817	0.000	0.00	0.143	3.24	1.11	1.11	0.0	29.70	96.13	0.00	4724	0	2496	1180	3675
7	131	29.76	27.593	0.000	0.00	0.134	3.28	1.10	1.10	0.0	30.36	99.68	0.00	5427	0	2522	1395	3917
6	119	28.92	28.388	0.000	0.00	0.126	3.32	1.09	1.09	0.0	31.06	103.20	0.00	5630	0	2537	1359	3897
5	100	27.54	59.230	0.000	0.00	0.116	3.37	1.09	1.09	0.0	64.38	216.95	0.00	13053	0	5078	2589	7667
4	81	25.95	30.837	0.000	0.00	0.108	3.41	1.08	1.08	0.0	33.34	113.63	0.00	7122	0	2506	1227	3733
3	62	24.08	82.186	0.000	0.00	0.130	3.30	1.10	1.10	0.0	90.20	297.72	0.00	14624	0	6093	2297	8390
2	38	20.81	86.518	0.000	0.00	0.122	3.34	1.09	1.09	0.0	94.42	315.45	0.00	16404	0	5579	2337	7916
1	12	19.51	92.567	0.000	0.00	0.117	3.36	1.09	1.09	0.0	100.72	338.67	0.00	20036	0	5615	2525	8140
														97,250	0			56,930

1.2D + 1.0W 90° Gust Response Factor (Gh): 0.85
 115 mph wind with no ice Wind Importance Factor (Iw): 1.00

Sect #	Elev (ft)	Q _Z (psf)	A _r (sf)	A _r (sf)	Ice A _r (sf)	e	C _r	D _r	D _r	T _{iz} (in)	A _e (sf)	EPA _a (sf)	EPA _{ai} (sf)	Wt. (lb)	Ice Wt (lb)	F _{st} (lb)	F _a (lb)	Force (lb)
12	183	32.74	21.735	0.000	0.00	0.254	2.76	1.00	1.00	0.0	21.74	59.94	0.00	2342	0	1668	214	1882
11	175	32.29	18.878	0.000	0.00	0.200	2.98	1.00	1.00	0.0	18.88	56.30	0.00	1941	0	1545	244	1790
10	165	31.79	23.088	0.000	0.00	0.186	3.04	1.00	1.00	0.0	23.09	70.20	0.00	3040	0	1897	353	2250
9	155	31.22	24.221	0.000	0.00	0.177	3.08	1.00	1.00	0.0	24.22	74.65	0.00	2909	0	1981	616	2597
8	144	30.55	26.817	0.000	0.00	0.143	3.24	1.00	1.00	0.0	26.82	86.80	0.00	4724	0	2254	1180	3433
7	131	29.76	27.593	0.000	0.00	0.134	3.28	1.00	1.00	0.0	27.59	90.60	0.00	5427	0	2292	1395	3687
6	119	28.92	28.388	0.000	0.00	0.126	3.32	1.00	1.00	0.0	28.39	94.32	0.00	5630	0	2319	1359	3678
5	100	27.54	59.230	0.000	0.00	0.116	3.37	1.00	1.00	0.0	59.23	199.60	0.00	13053	0	4672	2589	7261
4	81	25.95	30.837	0.000	0.00	0.108	3.41	1.00	1.00	0.0	30.84	105.10	0.00	7122	0	2318	1227	3545
3	62	24.08	82.186	0.000	0.00	0.130	3.30	1.00	1.00	0.0	82.19	271.28	0.00	14624	0	5552	2297	7849
2	38	20.81	86.518	0.000	0.00	0.122	3.34	1.00	1.00	0.0	86.52	289.05	0.00	16404	0	5112	2337	7449
1	12	19.51	92.567	0.000	0.00	0.117	3.36	1.00	1.00	0.0	92.57	311.27	0.00	20036	0	5161	2525	7686
														97,250	0			53,107

1.2D + 1.0W 135° Gust Response Factor (Gh): 0.85

SECTION FORCES

115 mph wind with no ice

Wind Importance Factor (Iw): 1.00

Sect #	Elev (ft)	Qz (psf)	A _r (sf)	A _r (sf)	Ice A _r (sf)	e	C _f	D _f	D _r	T _{iz} (in)	A _e (sf)	EPA _a (sf)	EPA _{ai} (sf)	Wt. (lb)	Ice Wt (lb)	F _{st} (lb)	F _a (lb)	Force (lb)
12	183	32.74	21.735	0.000	0.00	0.254	2.76	1.19	1.19	0.0	25.88	71.38	0.00	2342	0	1986	214	2200
11	175	32.29	18.878	0.000	0.00	0.200	2.98	1.15	1.15	0.0	21.70	64.72	0.00	1941	0	1776	244	2021
10	165	31.79	23.088	0.000	0.00	0.186	3.04	1.14	1.14	0.0	26.31	80.00	0.00	3040	0	2161	353	2515
9	155	31.22	24.221	0.000	0.00	0.177	3.08	1.13	1.13	0.0	27.43	84.55	0.00	2909	0	2243	616	2860
8	144	30.55	26.817	0.000	0.00	0.143	3.24	1.11	1.11	0.0	29.70	96.13	0.00	4724	0	2496	1180	3675
7	131	29.76	27.593	0.000	0.00	0.134	3.28	1.10	1.10	0.0	30.36	99.68	0.00	5427	0	2522	1395	3917
6	119	28.92	28.388	0.000	0.00	0.126	3.32	1.09	1.09	0.0	31.06	103.20	0.00	5630	0	2537	1359	3897
5	100	27.54	59.230	0.000	0.00	0.116	3.37	1.09	1.09	0.0	64.38	216.95	0.00	13053	0	5078	2589	7667
4	81	25.95	30.837	0.000	0.00	0.108	3.41	1.08	1.08	0.0	33.34	113.63	0.00	7122	0	2506	1227	3733
3	62	24.08	82.186	0.000	0.00	0.130	3.30	1.10	1.10	0.0	90.20	297.72	0.00	14624	0	6093	2297	8390
2	38	20.81	86.518	0.000	0.00	0.122	3.34	1.09	1.09	0.0	94.42	315.45	0.00	16404	0	5579	2337	7916
1	12	19.51	92.567	0.000	0.00	0.117	3.36	1.09	1.09	0.0	100.72	338.67	0.00	20036	0	5615	2525	8140
														97,250	0			56,930

1.2D + 1.0W 180°

Gust Response Factor (Gh): 0.85

115 mph wind with no ice

Wind Importance Factor (Iw): 1.00

Sect #	Elev (ft)	Qz (psf)	A _r (sf)	A _r (sf)	Ice A _r (sf)	e	C _f	D _f	D _r	T _{iz} (in)	A _e (sf)	EPA _a (sf)	EPA _{ai} (sf)	Wt. (lb)	Ice Wt (lb)	F _{st} (lb)	F _a (lb)	Force (lb)
12	183	32.74	21.735	0.000	0.00	0.254	2.76	1.00	1.00	0.0	21.74	59.94	0.00	2342	0	1668	214	1882
11	175	32.29	18.878	0.000	0.00	0.200	2.98	1.00	1.00	0.0	18.88	56.30	0.00	1941	0	1545	244	1790
10	165	31.79	23.088	0.000	0.00	0.186	3.04	1.00	1.00	0.0	23.09	70.20	0.00	3040	0	1897	353	2250
9	155	31.22	24.221	0.000	0.00	0.177	3.08	1.00	1.00	0.0	24.22	74.65	0.00	2909	0	1981	616	2597
8	144	30.55	26.817	0.000	0.00	0.143	3.24	1.00	1.00	0.0	26.82	86.80	0.00	4724	0	2254	1180	3433
7	131	29.76	27.593	0.000	0.00	0.134	3.28	1.00	1.00	0.0	27.59	90.60	0.00	5427	0	2292	1395	3687
6	119	28.92	28.388	0.000	0.00	0.126	3.32	1.00	1.00	0.0	28.39	94.32	0.00	5630	0	2319	1359	3678
5	100	27.54	59.230	0.000	0.00	0.116	3.37	1.00	1.00	0.0	59.23	199.60	0.00	13053	0	4672	2589	7261
4	81	25.95	30.837	0.000	0.00	0.108	3.41	1.00	1.00	0.0	30.84	105.10	0.00	7122	0	2318	1227	3545
3	62	24.08	82.186	0.000	0.00	0.130	3.30	1.00	1.00	0.0	82.19	271.28	0.00	14624	0	5552	2297	7849
2	38	20.81	86.518	0.000	0.00	0.122	3.34	1.00	1.00	0.0	86.52	289.05	0.00	16404	0	5112	2337	7449
1	12	19.51	92.567	0.000	0.00	0.117	3.36	1.00	1.00	0.0	92.57	311.27	0.00	20036	0	5161	2525	7686
														97,250	0			53,107

1.2D + 1.0W 225°

Gust Response Factor (Gh): 0.85

115 mph wind with no ice

Wind Importance Factor (Iw): 1.00

Sect #	Elev (ft)	Qz (psf)	A _r (sf)	A _r (sf)	Ice A _r (sf)	e	C _f	D _f	D _r	T _{iz} (in)	A _e (sf)	EPA _a (sf)	EPA _{ai} (sf)	Wt. (lb)	Ice Wt (lb)	F _{st} (lb)	F _a (lb)	Force (lb)
12	183	32.74	21.735	0.000	0.00	0.254	2.76	1.19	1.19	0.0	25.88	71.38	0.00	2342	0	1986	214	2200
11	175	32.29	18.878	0.000	0.00	0.200	2.98	1.15	1.15	0.0	21.70	64.72	0.00	1941	0	1776	244	2021
10	165	31.79	23.088	0.000	0.00	0.186	3.04	1.14	1.14	0.0	26.31	80.00	0.00	3040	0	2161	353	2515
9	155	31.22	24.221	0.000	0.00	0.177	3.08	1.13	1.13	0.0	27.43	84.55	0.00	2909	0	2243	616	2860
8	144	30.55	26.817	0.000	0.00	0.143	3.24	1.11	1.11	0.0	29.70	96.13	0.00	4724	0	2496	1180	3675
7	131	29.76	27.593	0.000	0.00	0.134	3.28	1.10	1.10	0.0	30.36	99.68	0.00	5427	0	2522	1395	3917
6	119	28.92	28.388	0.000	0.00	0.126	3.32	1.09	1.09	0.0	31.06	103.20	0.00	5630	0	2537	1359	3897
5	100	27.54	59.230	0.000	0.00	0.116	3.37	1.09	1.09	0.0	64.38	216.95	0.00	13053	0	5078	2589	7667
4	81	25.95	30.837	0.000	0.00	0.108	3.41	1.08	1.08	0.0	33.34	113.63	0.00	7122	0	2506	1227	3733
3	62	24.08	82.186	0.000	0.00	0.130	3.30	1.10	1.10	0.0	90.20	297.72	0.00	14624	0	6093	2297	8390
2	38	20.81	86.518	0.000	0.00	0.122	3.34	1.09	1.09	0.0	94.42	315.45	0.00	16404	0	5579	2337	7916
1	12	19.51	92.567	0.000	0.00	0.117	3.36	1.09	1.09	0.0	100.72	338.67	0.00	20036	0	5615	2525	8140
														97,250	0			56,930

1.2D + 1.0W 270°

Gust Response Factor (Gh): 0.85

115 mph wind with no ice

Wind Importance Factor (Iw): 1.00

Sect #	Elev (ft)	Qz (psf)	A _r (sf)	A _r (sf)	Ice A _r (sf)	e	C _f	D _f	D _r	T _{iz} (in)	A _e (sf)	EPA _a (sf)	EPA _{ai} (sf)	Wt. (lb)	Ice Wt (lb)	F _{st} (lb)	F _a (lb)	Force (lb)
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SECTION FORCES

#	(ft)	(psf)	(sf)	(sf)	(sf)	(in)	(sf)	(sf)	(sf)	(lb)	(lb)	(lb)	(lb)					
12	183	32.74	21.735	0.000	0.00	0.254	2.76	1.00	1.00	0.0	21.74	59.94	0.00	2342	0	1668	214	1882
11	175	32.29	18.878	0.000	0.00	0.200	2.98	1.00	1.00	0.0	18.88	56.30	0.00	1941	0	1545	244	1790
10	165	31.79	23.088	0.000	0.00	0.186	3.04	1.00	1.00	0.0	23.09	70.20	0.00	3040	0	1897	353	2250
9	155	31.22	24.221	0.000	0.00	0.177	3.08	1.00	1.00	0.0	24.22	74.65	0.00	2909	0	1981	616	2597
8	144	30.55	26.817	0.000	0.00	0.143	3.24	1.00	1.00	0.0	26.82	86.80	0.00	4724	0	2254	1180	3433
7	131	29.76	27.593	0.000	0.00	0.134	3.28	1.00	1.00	0.0	27.59	90.60	0.00	5427	0	2292	1395	3687
6	119	28.92	28.388	0.000	0.00	0.126	3.32	1.00	1.00	0.0	28.39	94.32	0.00	5630	0	2319	1359	3678
5	100	27.54	59.230	0.000	0.00	0.116	3.37	1.00	1.00	0.0	59.23	199.60	0.00	13053	0	4672	2589	7261
4	81	25.95	30.837	0.000	0.00	0.108	3.41	1.00	1.00	0.0	30.84	105.10	0.00	7122	0	2318	1227	3545
3	62	24.08	82.186	0.000	0.00	0.130	3.30	1.00	1.00	0.0	82.19	271.28	0.00	14624	0	5552	2297	7849
2	38	20.81	86.518	0.000	0.00	0.122	3.34	1.00	1.00	0.0	86.52	289.05	0.00	16404	0	5112	2337	7449
1	12	19.51	92.567	0.000	0.00	0.117	3.36	1.00	1.00	0.0	92.57	311.27	0.00	20036	0	5161	2525	7686
													97,250	0	53,107			

1.2D + 1.0W 315°
115 mph wind with no ice

Gust Response Factor (Gh): 0.85
Wind Importance Factor (Iw): 1.00

Sect #	Elev (ft)	Qz (psf)	Af (sf)	Ar (sf)	Ice Ar (sf)	e	Cf	Df	Dr	Tiz (in)	Ae (sf)	EPAa (sf)	EPAAi (sf)	Wt. (lb)	Ice Wt (lb)	Fst (lb)	Fa (lb)	Force (lb)
12	183	32.74	21.735	0.000	0.00	0.254	2.76	1.19	1.19	0.0	25.88	71.38	0.00	2342	0	1986	214	2200
11	175	32.29	18.878	0.000	0.00	0.200	2.98	1.15	1.15	0.0	21.70	64.72	0.00	1941	0	1776	244	2021
10	165	31.79	23.088	0.000	0.00	0.186	3.04	1.14	1.14	0.0	26.31	80.00	0.00	3040	0	2161	353	2515
9	155	31.22	24.221	0.000	0.00	0.177	3.08	1.13	1.13	0.0	27.43	84.55	0.00	2909	0	2243	616	2860
8	144	30.55	26.817	0.000	0.00	0.143	3.24	1.11	1.11	0.0	29.70	96.13	0.00	4724	0	2496	1180	3675
7	131	29.76	27.593	0.000	0.00	0.134	3.28	1.10	1.10	0.0	30.36	99.68	0.00	5427	0	2522	1395	3917
6	119	28.92	28.388	0.000	0.00	0.126	3.32	1.09	1.09	0.0	31.06	103.20	0.00	5630	0	2537	1359	3897
5	100	27.54	59.230	0.000	0.00	0.116	3.37	1.09	1.09	0.0	64.38	216.95	0.00	13053	0	5078	2589	7667
4	81	25.95	30.837	0.000	0.00	0.108	3.41	1.08	1.08	0.0	33.34	113.63	0.00	7122	0	2506	1227	3733
3	62	24.08	82.186	0.000	0.00	0.130	3.30	1.10	1.10	0.0	90.20	297.72	0.00	14624	0	6093	2297	8390
2	38	20.81	86.518	0.000	0.00	0.122	3.34	1.09	1.09	0.0	94.42	315.45	0.00	16404	0	5579	2337	7916
1	12	19.51	92.567	0.000	0.00	0.117	3.36	1.09	1.09	0.0	100.72	338.67	0.00	20036	0	5615	2525	8140
															97,250	0	56,930	

0.9D + 1.0W Normal
115 mph wind with no ice

Gust Response Factor (Gh): 0.85
Wind Importance Factor (Iw): 1.00

Sect #	Elev (ft)	Qz (psf)	Af (sf)	Ar (sf)	Ice Ar (sf)	e	Cf	Df	Dr	Tiz (in)	Ae (sf)	EPAa (sf)	EPAAi (sf)	Wt. (lb)	Ice Wt (lb)	Fst (lb)	Fa (lb)	Force (lb)
12	183	32.74	21.735	0.000	0.00	0.254	2.76	1.00	1.00	0.0	21.74	59.94	0.00	1757	0	1668	214	1882
11	175	32.29	18.878	0.000	0.00	0.200	2.98	1.00	1.00	0.0	18.88	56.30	0.00	1456	0	1545	244	1790
10	165	31.79	23.088	0.000	0.00	0.186	3.04	1.00	1.00	0.0	23.09	70.20	0.00	2280	0	1897	353	2250
9	155	31.22	24.221	0.000	0.00	0.177	3.08	1.00	1.00	0.0	24.22	74.65	0.00	2182	0	1981	616	2597
8	144	30.55	26.817	0.000	0.00	0.143	3.24	1.00	1.00	0.0	26.82	86.80	0.00	3543	0	2254	1180	3433
7	131	29.76	27.593	0.000	0.00	0.134	3.28	1.00	1.00	0.0	27.59	90.60	0.00	4070	0	2292	1395	3687
6	119	28.92	28.388	0.000	0.00	0.126	3.32	1.00	1.00	0.0	28.39	94.32	0.00	4223	0	2319	1359	3678
5	100	27.54	59.230	0.000	0.00	0.116	3.37	1.00	1.00	0.0	59.23	199.60	0.00	9790	0	4672	2589	7261
4	81	25.95	30.837	0.000	0.00	0.108	3.41	1.00	1.00	0.0	30.84	105.10	0.00	5341	0	2318	1227	3545
3	62	24.08	82.186	0.000	0.00	0.130	3.30	1.00	1.00	0.0	82.19	271.28	0.00	10968	0	5552	2297	7849
2	38	20.81	86.518	0.000	0.00	0.122	3.34	1.00	1.00	0.0	86.52	289.05	0.00	12303	0	5112	2337	7449
1	12	19.51	92.567	0.000	0.00	0.117	3.36	1.00	1.00	0.0	92.57	311.27	0.00	15027	0	5161	2525	7686
															72,938	0	53,107	

0.9D + 1.0W 45°
115 mph wind with no ice

Gust Response Factor (Gh): 0.85
Wind Importance Factor (Iw): 1.00

Sect #	Elev (ft)	Qz (psf)	Af (sf)	Ar (sf)	Ice Ar (sf)	e	Cf	Df	Dr	Tiz (in)	Ae (sf)	EPAa (sf)	EPAAi (sf)	Wt. (lb)	Ice Wt (lb)	Fst (lb)	Fa (lb)	Force (lb)
12	183	32.74	21.735	0.000	0.00	0.254	2.76	1.19	1.19	0.0	25.88	71.38	0.00	1757	0	1986	214	2200
11	175	32.29	18.878	0.000	0.00	0.200	2.98	1.15	1.15	0.0	21.70	64.72	0.00	1456	0	1776	244	2021
10	165	31.79	23.088	0.000	0.00	0.186	3.04	1.14	1.14	0.0	26.31	80.00	0.00	2280	0	2161	353	2515

SECTION FORCES

Sect #	Elev (ft)	Q _Z (psf)	A _f (sf)	A _r (sf)	Ice A _r (sf)	e	C _f	D _f	D _r	T _{iz} (in)	A _e (sf)	EPA _a (sf)	EPA _{ai} (sf)	Wt. (lb)	Ice Wt (lb)	F _{st} (lb)	F _a (lb)	Force (lb)
9	155	31.22	24.221	0.000	0.00	0.177	3.08	1.13	1.13	0.0	27.43	84.55	0.00	2182	0	2243	616	2860
8	144	30.55	26.817	0.000	0.00	0.143	3.24	1.11	1.11	0.0	29.70	96.13	0.00	3543	0	2496	1180	3675
7	131	29.76	27.593	0.000	0.00	0.134	3.28	1.10	1.10	0.0	30.36	99.68	0.00	4070	0	2522	1395	3917
6	119	28.92	28.388	0.000	0.00	0.126	3.32	1.09	1.09	0.0	31.06	103.20	0.00	4223	0	2537	1359	3897
5	100	27.54	59.230	0.000	0.00	0.116	3.37	1.09	1.09	0.0	64.38	216.95	0.00	9790	0	5078	2589	7667
4	81	25.95	30.837	0.000	0.00	0.108	3.41	1.08	1.08	0.0	33.34	113.63	0.00	5341	0	2506	1227	3733
3	62	24.08	82.186	0.000	0.00	0.130	3.30	1.10	1.10	0.0	90.20	297.72	0.00	10968	0	6093	2297	8390
2	38	20.81	86.518	0.000	0.00	0.122	3.34	1.09	1.09	0.0	94.42	315.45	0.00	12303	0	5579	2337	7916
1	12	19.51	92.567	0.000	0.00	0.117	3.36	1.09	1.09	0.0	100.72	338.67	0.00	15027	0	5615	2525	8140
														72,938	0			56,930

0.9D + 1.0W 90°

115 mph wind with no ice

Gust Response Factor (G_h): 0.85

Wind Importance Factor (I_w): 1.00

Sect #	Elev (ft)	Q _Z (psf)	A _f (sf)	A _r (sf)	Ice A _r (sf)	e	C _f	D _f	D _r	T _{iz} (in)	A _e (sf)	EPA _a (sf)	EPA _{ai} (sf)	Wt. (lb)	Ice Wt (lb)	F _{st} (lb)	F _a (lb)	Force (lb)
12	183	32.74	21.735	0.000	0.00	0.254	2.76	1.00	1.00	0.0	21.74	59.94	0.00	1757	0	1668	214	1882
11	175	32.29	18.878	0.000	0.00	0.200	2.98	1.00	1.00	0.0	18.88	56.30	0.00	1456	0	1545	244	1790
10	165	31.79	23.088	0.000	0.00	0.186	3.04	1.00	1.00	0.0	23.09	70.20	0.00	2280	0	1897	353	2250
9	155	31.22	24.221	0.000	0.00	0.177	3.08	1.00	1.00	0.0	24.22	74.65	0.00	2182	0	1981	616	2597
8	144	30.55	26.817	0.000	0.00	0.143	3.24	1.00	1.00	0.0	26.82	86.80	0.00	3543	0	2254	1180	3433
7	131	29.76	27.593	0.000	0.00	0.134	3.28	1.00	1.00	0.0	27.59	90.60	0.00	4070	0	2292	1395	3687
6	119	28.92	28.388	0.000	0.00	0.126	3.32	1.00	1.00	0.0	28.39	94.32	0.00	4223	0	2319	1359	3678
5	100	27.54	59.230	0.000	0.00	0.116	3.37	1.00	1.00	0.0	59.23	199.60	0.00	9790	0	4672	2589	7261
4	81	25.95	30.837	0.000	0.00	0.108	3.41	1.00	1.00	0.0	30.84	105.10	0.00	5341	0	2318	1227	3545
3	62	24.08	82.186	0.000	0.00	0.130	3.30	1.00	1.00	0.0	82.19	271.28	0.00	10968	0	5552	2297	7849
2	38	20.81	86.518	0.000	0.00	0.122	3.34	1.00	1.00	0.0	86.52	289.05	0.00	12303	0	5112	2337	7449
1	12	19.51	92.567	0.000	0.00	0.117	3.36	1.00	1.00	0.0	92.57	311.27	0.00	15027	0	5161	2525	7686
														72,938	0			53,107

0.9D + 1.0W 135°

115 mph wind with no ice

Gust Response Factor (G_h): 0.85

Wind Importance Factor (I_w): 1.00

Sect #	Elev (ft)	Q _Z (psf)	A _f (sf)	A _r (sf)	Ice A _r (sf)	e	C _f	D _f	D _r	T _{iz} (in)	A _e (sf)	EPA _a (sf)	EPA _{ai} (sf)	Wt. (lb)	Ice Wt (lb)	F _{st} (lb)	F _a (lb)	Force (lb)
12	183	32.74	21.735	0.000	0.00	0.254	2.76	1.19	1.19	0.0	25.88	71.38	0.00	1757	0	1986	214	2200
11	175	32.29	18.878	0.000	0.00	0.200	2.98	1.15	1.15	0.0	21.70	64.72	0.00	1456	0	1776	244	2021
10	165	31.79	23.088	0.000	0.00	0.186	3.04	1.14	1.14	0.0	26.31	80.00	0.00	2280	0	2161	353	2515
9	155	31.22	24.221	0.000	0.00	0.177	3.08	1.13	1.13	0.0	27.43	84.55	0.00	2182	0	2243	616	2860
8	144	30.55	26.817	0.000	0.00	0.143	3.24	1.11	1.11	0.0	29.70	96.13	0.00	3543	0	2496	1180	3675
7	131	29.76	27.593	0.000	0.00	0.134	3.28	1.10	1.10	0.0	30.36	99.68	0.00	4070	0	2522	1395	3917
6	119	28.92	28.388	0.000	0.00	0.126	3.32	1.09	1.09	0.0	31.06	103.20	0.00	4223	0	2537	1359	3897
5	100	27.54	59.230	0.000	0.00	0.116	3.37	1.09	1.09	0.0	64.38	216.95	0.00	9790	0	5078	2589	7667
4	81	25.95	30.837	0.000	0.00	0.108	3.41	1.08	1.08	0.0	33.34	113.63	0.00	5341	0	2506	1227	3733
3	62	24.08	82.186	0.000	0.00	0.130	3.30	1.10	1.10	0.0	90.20	297.72	0.00	10968	0	6093	2297	8390
2	38	20.81	86.518	0.000	0.00	0.122	3.34	1.09	1.09	0.0	94.42	315.45	0.00	12303	0	5579	2337	7916
1	12	19.51	92.567	0.000	0.00	0.117	3.36	1.09	1.09	0.0	100.72	338.67	0.00	15027	0	5615	2525	8140
														72,938	0			56,930

0.9D + 1.0W 180°

115 mph wind with no ice

Gust Response Factor (G_h): 0.85

Wind Importance Factor (I_w): 1.00

Sect #	Elev (ft)	Q _Z (psf)	A _f (sf)	A _r (sf)	Ice A _r (sf)	e	C _f	D _f	D _r	T _{iz} (in)	A _e (sf)	EPA _a (sf)	EPA _{ai} (sf)	Wt. (lb)	Ice Wt (lb)	F _{st} (lb)	F _a (lb)	Force (lb)
12	183	32.74	21.735	0.000	0.00	0.254	2.76	1.00	1.00	0.0	21.74	59.94	0.00	1757	0	1668	214	1882
11	175	32.29	18.878	0.000	0.00	0.200	2.98	1.00	1.00	0.0	18.88	56.30	0.00	1456	0	1545	244	1790
10	165	31.79	23.088	0.000	0.00	0.186	3.04	1.00	1.00	0.0	23.09	70.20	0.00	2280	0	1897	353	2250
9	155	31.22	24.221	0.000	0.00	0.177	3.08	1.00	1.00	0.0	24.22	74.65	0.00	2182	0	1981	616	2597
8	144	30.55	26.817	0.000	0.00	0.143	3.24	1.00	1.00	0.0	26.82	86.80	0.00	3543	0	2254	1180	3433

SECTION FORCES

Sect #	Elev (ft)	Q _Z (psf)	A _r (sf)	A _r (sf)	Ice A _r (sf)	e	C _f	D _f	D _r	T _{iz} (in)	A _e (sf)	EPA _a (sf)	EPA _{ai} (sf)	Wt. (lb)	Ice Wt (lb)	F _{st} (lb)	F _a (lb)	Force (lb)
7	131	29.76	27.593	0.000	0.00	0.134	3.28	1.00	1.00	0.0	27.59	90.60	0.00	4070	0	2292	1395	3687
6	119	28.92	28.388	0.000	0.00	0.126	3.32	1.00	1.00	0.0	28.39	94.32	0.00	4223	0	2319	1359	3678
5	100	27.54	59.230	0.000	0.00	0.116	3.37	1.00	1.00	0.0	59.23	199.60	0.00	9790	0	4672	2589	7261
4	81	25.95	30.837	0.000	0.00	0.108	3.41	1.00	1.00	0.0	30.84	105.10	0.00	5341	0	2318	1227	3545
3	62	24.08	82.186	0.000	0.00	0.130	3.30	1.00	1.00	0.0	82.19	271.28	0.00	10968	0	5552	2297	7849
2	38	20.81	86.518	0.000	0.00	0.122	3.34	1.00	1.00	0.0	86.52	289.05	0.00	12303	0	5112	2337	7449
1	12	19.51	92.567	0.000	0.00	0.117	3.36	1.00	1.00	0.0	92.57	311.27	0.00	15027	0	5161	2525	7686
														72,938	0			53,107

0.9D + 1.0W 225°
115 mph wind with no ice

Gust Response Factor (Gh): 0.85
Wind Importance Factor (Iw): 1.00

Sect #	Elev (ft)	Q _Z (psf)	A _r (sf)	A _r (sf)	Ice A _r (sf)	e	C _f	D _f	D _r	T _{iz} (in)	A _e (sf)	EPA _a (sf)	EPA _{ai} (sf)	Wt. (lb)	Ice Wt (lb)	F _{st} (lb)	F _a (lb)	Force (lb)
12	183	32.74	21.735	0.000	0.00	0.254	2.76	1.19	1.19	0.0	25.88	71.38	0.00	1757	0	1986	214	2200
11	175	32.29	18.878	0.000	0.00	0.200	2.98	1.15	1.15	0.0	21.70	64.72	0.00	1456	0	1776	244	2021
10	165	31.79	23.088	0.000	0.00	0.186	3.04	1.14	1.14	0.0	26.31	80.00	0.00	2280	0	2161	353	2515
9	155	31.22	24.221	0.000	0.00	0.177	3.08	1.13	1.13	0.0	27.43	84.55	0.00	2182	0	2243	616	2860
8	144	30.55	26.817	0.000	0.00	0.143	3.24	1.11	1.11	0.0	29.70	96.13	0.00	3543	0	2496	1180	3675
7	131	29.76	27.593	0.000	0.00	0.134	3.28	1.10	1.10	0.0	30.36	99.68	0.00	4070	0	2522	1395	3917
6	119	28.92	28.388	0.000	0.00	0.126	3.32	1.09	1.09	0.0	31.06	103.20	0.00	4223	0	2537	1359	3897
5	100	27.54	59.230	0.000	0.00	0.116	3.37	1.09	1.09	0.0	64.38	216.95	0.00	9790	0	5078	2589	7667
4	81	25.95	30.837	0.000	0.00	0.108	3.41	1.08	1.08	0.0	33.34	113.63	0.00	5341	0	2506	1227	3733
3	62	24.08	82.186	0.000	0.00	0.130	3.30	1.10	1.10	0.0	90.20	297.72	0.00	10968	0	6093	2297	8390
2	38	20.81	86.518	0.000	0.00	0.122	3.34	1.09	1.09	0.0	94.42	315.45	0.00	12303	0	5579	2337	7916
1	12	19.51	92.567	0.000	0.00	0.117	3.36	1.09	1.09	0.0	100.72	338.67	0.00	15027	0	5615	2525	8140
														72,938	0			56,930

0.9D + 1.0W 270°
115 mph wind with no ice

Gust Response Factor (Gh): 0.85
Wind Importance Factor (Iw): 1.00

Sect #	Elev (ft)	Q _Z (psf)	A _r (sf)	A _r (sf)	Ice A _r (sf)	e	C _f	D _f	D _r	T _{iz} (in)	A _e (sf)	EPA _a (sf)	EPA _{ai} (sf)	Wt. (lb)	Ice Wt (lb)	F _{st} (lb)	F _a (lb)	Force (lb)
12	183	32.74	21.735	0.000	0.00	0.254	2.76	1.00	1.00	0.0	21.74	59.94	0.00	1757	0	1668	214	1882
11	175	32.29	18.878	0.000	0.00	0.200	2.98	1.00	1.00	0.0	18.88	56.30	0.00	1456	0	1545	244	1790
10	165	31.79	23.088	0.000	0.00	0.186	3.04	1.00	1.00	0.0	23.09	70.20	0.00	2280	0	1897	353	2250
9	155	31.22	24.221	0.000	0.00	0.177	3.08	1.00	1.00	0.0	24.22	74.65	0.00	2182	0	1981	616	2597
8	144	30.55	26.817	0.000	0.00	0.143	3.24	1.00	1.00	0.0	26.82	86.80	0.00	3543	0	2254	1180	3433
7	131	29.76	27.593	0.000	0.00	0.134	3.28	1.00	1.00	0.0	27.59	90.60	0.00	4070	0	2292	1395	3687
6	119	28.92	28.388	0.000	0.00	0.126	3.32	1.00	1.00	0.0	28.39	94.32	0.00	4223	0	2319	1359	3678
5	100	27.54	59.230	0.000	0.00	0.116	3.37	1.00	1.00	0.0	59.23	199.60	0.00	9790	0	4672	2589	7261
4	81	25.95	30.837	0.000	0.00	0.108	3.41	1.00	1.00	0.0	30.84	105.10	0.00	5341	0	2318	1227	3545
3	62	24.08	82.186	0.000	0.00	0.130	3.30	1.00	1.00	0.0	82.19	271.28	0.00	10968	0	5552	2297	7849
2	38	20.81	86.518	0.000	0.00	0.122	3.34	1.00	1.00	0.0	86.52	289.05	0.00	12303	0	5112	2337	7449
1	12	19.51	92.567	0.000	0.00	0.117	3.36	1.00	1.00	0.0	92.57	311.27	0.00	15027	0	5161	2525	7686
														72,938	0			53,107

0.9D + 1.0W 315°
115 mph wind with no ice

Gust Response Factor (Gh): 0.85
Wind Importance Factor (Iw): 1.00

Sect #	Elev (ft)	Q _Z (psf)	A _r (sf)	A _r (sf)	Ice A _r (sf)	e	C _f	D _f	D _r	T _{iz} (in)	A _e (sf)	EPA _a (sf)	EPA _{ai} (sf)	Wt. (lb)	Ice Wt (lb)	F _{st} (lb)	F _a (lb)	Force (lb)
12	183	32.74	21.735	0.000	0.00	0.254	2.76	1.19	1.19	0.0	25.88	71.38	0.00	1757	0	1986	214	2200
11	175	32.29	18.878	0.000	0.00	0.200	2.98	1.15	1.15	0.0	21.70	64.72	0.00	1456	0	1776	244	2021
10	165	31.79	23.088	0.000	0.00	0.186	3.04	1.14	1.14	0.0	26.31	80.00	0.00	2280	0	2161	353	2515
9	155	31.22	24.221	0.000	0.00	0.177	3.08	1.13	1.13	0.0	27.43	84.55	0.00	2182	0	2243	616	2860
8	144	30.55	26.817	0.000	0.00	0.143	3.24	1.11	1.11	0.0	29.70	96.13	0.00	3543	0	2496	1180	3675
7	131	29.76	27.593	0.000	0.00	0.134	3.28	1.10	1.10	0.0	30.36	99.68	0.00	4070	0	2522	1395	3917
6	119	28.92	28.388	0.000	0.00	0.126	3.32	1.09	1.09	0.0	31.06	103.20	0.00	4223	0	2537	1359	3897

SECTION FORCES

Sect #	Elev (ft)	Q _Z (psf)	A _r (sf)	A _r (sf)	Ice A _r (sf)	e	C _r	D _r	D _r	T _{iz} (in)	A _e (sf)	EPA _a (sf)	EPA _{ai} (sf)	Wt. (lb)	Ice Wt (lb)	F _{st} (lb)	F _a (lb)	Force (lb)
5	100	27.54	59.230	0.000	0.00	0.116	3.37	1.09	1.09	0.0	64.38	216.95	0.00	9790	0	5078	2589	7667
4	81	25.95	30.837	0.000	0.00	0.108	3.41	1.08	1.08	0.0	33.34	113.63	0.00	5341	0	2506	1227	3733
3	62	24.08	82.186	0.000	0.00	0.130	3.30	1.10	1.10	0.0	90.20	297.72	0.00	10968	0	6093	2297	8390
2	38	20.81	86.518	0.000	0.00	0.122	3.34	1.09	1.09	0.0	94.42	315.45	0.00	12303	0	5579	2337	7916
1	12	19.51	92.567	0.000	0.00	0.117	3.36	1.09	1.09	0.0	100.72	338.67	0.00	15027	0	5615	2525	8140
														72,938	0			56,930

1.2D + 1.0Di + 1.0Wi Normal
50 mph wind with 1" radial ice

Gust Response Factor (Gh): 0.85
Wind Importance Factor (Iw): 1.00
Ice Importance Factor: 1.00
Ice Dead Load Factor: 1.00

Sect #	Elev (ft)	Q _Z (psf)	A _r (sf)	A _r (sf)	Ice A _r (sf)	e	C _r	D _r	D _r	T _{iz} (in)	A _e (sf)	EPA _a (sf)	EPA _{ai} (sf)	Wt. (lb)	Ice Wt (lb)	F _{st} (lb)	F _a (lb)	Force (lb)
12	183	6.19	21.735	10.271	10.27	0.368	2.37	1.00	1.00	1.2	32.01	75.92	10.27	4621	2279	399	94	493
11	175	6.10	18.878	10.754	10.75	0.308	2.56	1.00	1.00	1.2	29.63	75.96	10.75	4008	2067	394	111	505
10	165	6.01	23.088	12.279	12.28	0.281	2.66	1.00	1.00	1.2	35.37	94.06	12.28	5898	2858	480	160	640
9	155	5.90	24.221	12.831	12.83	0.267	2.71	1.00	1.00	1.2	37.05	100.46	12.83	6031	3122	504	326	830
8	144	5.77	26.817	13.152	13.15	0.211	2.93	1.00	1.00	1.2	39.97	117.26	13.15	9847	5124	576	645	1221
7	131	5.63	27.593	13.493	13.49	0.196	3.00	1.00	1.00	1.1	41.09	123.05	13.49	11006	5580	588	759	1347
6	119	5.47	28.388	13.825	13.83	0.185	3.05	1.00	1.00	1.1	42.21	128.62	13.83	11330	5700	598	743	1341
5	100	5.21	59.230	28.592	28.59	0.170	3.11	1.00	1.00	1.1	87.82	273.23	28.59	24886	11833	1209	1420	2629
4	81	4.91	30.837	14.710	14.71	0.159	3.16	1.00	1.00	1.1	45.55	144.14	14.71	13181	6059	601	674	1275
3	62	4.55	82.186	23.059	23.06	0.165	3.13	1.00	1.00	1.1	105.24	329.86	23.06	27120	12496	1276	1241	2517
2	38	3.93	86.518	22.694	22.69	0.153	3.19	1.00	1.00	1.0	109.21	348.60	22.69	29388	12984	1165	1187	2352
1	12	3.69	92.567	21.054	21.05	0.143	3.24	1.00	1.00	0.9	113.62	367.72	21.05	32640	12604	1152	1189	2341
														179,958	82,707			17,491

1.2D + 1.0Di + 1.0Wi 45°
50 mph wind with 1" radial ice

Gust Response Factor (Gh): 0.85
Wind Importance Factor (Iw): 1.00
Ice Importance Factor: 1.00
Ice Dead Load Factor: 1.00

Sect #	Elev (ft)	Q _Z (psf)	A _r (sf)	A _r (sf)	Ice A _r (sf)	e	C _r	D _r	D _r	T _{iz} (in)	A _e (sf)	EPA _a (sf)	EPA _{ai} (sf)	Wt. (lb)	Ice Wt (lb)	F _{st} (lb)	F _a (lb)	Force (lb)
12	183	6.19	21.735	10.271	10.27	0.368	2.37	1.20	1.20	1.2	38.41	91.11	10.27	4621	2279	479	94	573
11	175	6.10	18.878	10.754	10.75	0.308	2.56	1.20	1.20	1.2	35.56	91.15	10.75	4008	2067	473	111	584
10	165	6.01	23.088	12.279	12.28	0.281	2.66	1.20	1.20	1.2	42.44	112.87	12.28	5898	2858	577	160	736
9	155	5.90	24.221	12.831	12.83	0.267	2.71	1.20	1.20	1.2	44.46	120.55	12.83	6031	3122	605	326	931
8	144	5.77	26.817	13.152	13.15	0.211	2.93	1.16	1.16	1.2	46.29	135.81	13.15	9847	5124	667	645	1312
7	131	5.63	27.593	13.493	13.49	0.196	3.00	1.15	1.15	1.1	47.14	141.19	13.49	11006	5580	675	759	1434
6	119	5.47	28.388	13.825	13.83	0.185	3.05	1.14	1.14	1.1	48.06	146.43	13.83	11330	5700	681	743	1424
5	100	5.21	59.230	28.592	28.59	0.170	3.11	1.13	1.13	1.1	99.04	308.13	28.59	24886	11833	1363	1420	2783
4	81	4.91	30.837	14.710	14.71	0.159	3.16	1.12	1.12	1.1	50.97	161.29	14.71	13181	6059	673	674	1347
3	62	4.55	82.186	23.059	23.06	0.165	3.13	1.12	1.12	1.1	118.29	370.75	23.06	27120	12496	1434	1241	2675
2	38	3.93	86.518	22.694	22.69	0.153	3.19	1.11	1.11	1.0	121.73	388.54	22.69	29388	12984	1299	1187	2486
1	12	3.69	92.567	21.054	21.05	0.143	3.24	1.11	1.11	0.9	125.84	407.26	21.05	32640	12604	1276	1189	2465
														179,958	82,707			18,749

1.2D + 1.0Di + 1.0Wi 90°
50 mph wind with 1" radial ice

Gust Response Factor (Gh): 0.85
Wind Importance Factor (Iw): 1.00
Ice Importance Factor: 1.00
Ice Dead Load Factor: 1.00

Sect #	Elev (ft)	Q _Z (psf)	A _r (sf)	A _r (sf)	Ice A _r (sf)	e	C _r	D _r	D _r	T _{iz} (in)	A _e (sf)	EPA _a (sf)	EPA _{ai} (sf)	Wt. (lb)	Ice Wt (lb)	F _{st} (lb)	F _a (lb)	Force (lb)
12	183	6.19	21.735	10.271	10.27	0.368	2.37	1.00	1.00	1.2	32.01	75.92	10.27	4621	2279	399	94	493
11	175	6.10	18.878	10.754	10.75	0.308	2.56	1.00	1.00	1.2	29.63	75.96	10.75	4008	2067	394	111	505
10	165	6.01	23.088	12.279	12.28	0.281	2.66	1.00	1.00	1.2	35.37	94.06	12.28	5898	2858	480	160	640
9	155	5.90	24.221	12.831	12.83	0.267	2.71	1.00	1.00	1.2	37.05	100.46	12.83	6031	3122	504	326	830
8	144	5.77	26.817	13.152	13.15	0.211	2.93	1.00	1.00	1.2	39.97	117.26	13.15	9847	5124	576	645	1221
7	131	5.63	27.593	13.493	13.49	0.196	3.00	1.00	1.00	1.1	41.09	123.05	13.49	11006	5580	588	759	1347
6	119	5.47	28.388	13.825	13.83	0.185	3.05	1.00	1.00	1.1	42.21	128.62	13.83	11330	5700	598	743	1341
5	100	5.21	59.230	28.592	28.59	0.170	3.11	1.00	1.00	1.1	87.82	273.23	28.59	24886	11833	1209	1420	2629
4	81	4.91	30.837	14.710	14.71	0.159	3.16	1.00	1.00	1.1	45.55	144.14	14.71	13181	6059	601	674	1275

SECTION FORCES

Sect #	Elev (ft)	Q _Z (psf)	A _r (sf)	A _r (sf)	Ice A _r (sf)	e	C _r	D _r	D _r	T _{iz} (in)	A _e (sf)	EPA _a (sf)	EPA _{ai} (sf)	Wt. (lb)	Ice Wt (lb)	F _{st} (lb)	F _a (lb)	Force (lb)
3	62	4.55	82.186	23.059	23.06	0.165	3.13	1.00	1.00	1.1	105.24	329.86	23.06	27120	12496	1276	1241	2517
2	38	3.93	86.518	22.694	22.69	0.153	3.19	1.00	1.00	1.0	109.21	348.60	22.69	29388	12984	1165	1187	2352
1	12	3.69	92.567	21.054	21.05	0.143	3.24	1.00	1.00	0.9	113.62	367.72	21.05	32640	12604	1152	1189	2341
														179,958	82,707			17,491

1.2D + 1.0Di + 1.0Wi 135°
50 mph wind with 1" radial ice

Gust Response Factor (Gh): 0.85
Wind Importance Factor (Iw): 1.00
Ice Importance Factor: 1.00
Ice Dead Load Factor: 1.00

Sect #	Elev (ft)	Q _Z (psf)	A _r (sf)	A _r (sf)	Ice A _r (sf)	e	C _r	D _r	D _r	T _{iz} (in)	A _e (sf)	EPA _a (sf)	EPA _{ai} (sf)	Wt. (lb)	Ice Wt (lb)	F _{st} (lb)	F _a (lb)	Force (lb)
12	183	6.19	21.735	10.271	10.27	0.368	2.37	1.20	1.20	1.2	38.41	91.11	10.27	4621	2279	479	94	573
11	175	6.10	18.878	10.754	10.75	0.308	2.56	1.20	1.20	1.2	35.56	91.15	10.75	4008	2067	473	111	584
10	165	6.01	23.088	12.279	12.28	0.281	2.66	1.20	1.20	1.2	42.44	112.87	12.28	5898	2858	577	160	736
9	155	5.90	24.221	12.831	12.83	0.267	2.71	1.20	1.20	1.2	44.46	120.55	12.83	6031	3122	605	326	931
8	144	5.77	26.817	13.152	13.15	0.211	2.93	1.16	1.16	1.2	46.29	135.81	13.15	9847	5124	667	645	1312
7	131	5.63	27.593	13.493	13.49	0.196	3.00	1.15	1.15	1.1	47.14	141.19	13.49	11006	5580	675	759	1434
6	119	5.47	28.388	13.825	13.83	0.185	3.05	1.14	1.14	1.1	48.06	146.43	13.83	11330	5700	681	743	1424
5	100	5.21	59.230	28.592	28.59	0.170	3.11	1.13	1.13	1.1	99.04	308.13	28.59	24886	11833	1363	1420	2783
4	81	4.91	30.837	14.710	14.71	0.159	3.16	1.12	1.12	1.1	50.97	161.29	14.71	13181	6059	673	674	1347
3	62	4.55	82.186	23.059	23.06	0.165	3.13	1.12	1.12	1.1	118.29	370.75	23.06	27120	12496	1434	1241	2675
2	38	3.93	86.518	22.694	22.69	0.153	3.19	1.11	1.11	1.0	121.73	388.54	22.69	29388	12984	1299	1187	2486
1	12	3.69	92.567	21.054	21.05	0.143	3.24	1.11	1.11	0.9	125.84	407.26	21.05	32640	12604	1276	1189	2465
														179,958	82,707			18,749

1.2D + 1.0Di + 1.0Wi 180°
50 mph wind with 1" radial ice

Gust Response Factor (Gh): 0.85
Wind Importance Factor (Iw): 1.00
Ice Importance Factor: 1.00
Ice Dead Load Factor: 1.00

Sect #	Elev (ft)	Q _Z (psf)	A _r (sf)	A _r (sf)	Ice A _r (sf)	e	C _r	D _r	D _r	T _{iz} (in)	A _e (sf)	EPA _a (sf)	EPA _{ai} (sf)	Wt. (lb)	Ice Wt (lb)	F _{st} (lb)	F _a (lb)	Force (lb)
12	183	6.19	21.735	10.271	10.27	0.368	2.37	1.00	1.00	1.2	32.01	75.92	10.27	4621	2279	399	94	493
11	175	6.10	18.878	10.754	10.75	0.308	2.56	1.00	1.00	1.2	29.63	75.96	10.75	4008	2067	394	111	505
10	165	6.01	23.088	12.279	12.28	0.281	2.66	1.00	1.00	1.2	35.37	94.06	12.28	5898	2858	480	160	640
9	155	5.90	24.221	12.831	12.83	0.267	2.71	1.00	1.00	1.2	37.05	100.46	12.83	6031	3122	504	326	830
8	144	5.77	26.817	13.152	13.15	0.211	2.93	1.00	1.00	1.2	39.97	117.26	13.15	9847	5124	576	645	1221
7	131	5.63	27.593	13.493	13.49	0.196	3.00	1.00	1.00	1.1	41.09	123.05	13.49	11006	5580	588	759	1347
6	119	5.47	28.388	13.825	13.83	0.185	3.05	1.00	1.00	1.1	42.21	128.62	13.83	11330	5700	598	743	1341
5	100	5.21	59.230	28.592	28.59	0.170	3.11	1.00	1.00	1.1	87.82	273.23	28.59	24886	11833	1209	1420	2629
4	81	4.91	30.837	14.710	14.71	0.159	3.16	1.00	1.00	1.1	45.55	144.14	14.71	13181	6059	601	674	1275
3	62	4.55	82.186	23.059	23.06	0.165	3.13	1.00	1.00	1.1	105.24	329.86	23.06	27120	12496	1276	1241	2517
2	38	3.93	86.518	22.694	22.69	0.153	3.19	1.00	1.00	1.0	109.21	348.60	22.69	29388	12984	1165	1187	2352
1	12	3.69	92.567	21.054	21.05	0.143	3.24	1.00	1.00	0.9	113.62	367.72	21.05	32640	12604	1152	1189	2341
														179,958	82,707			17,491

1.2D + 1.0Di + 1.0Wi 225°
50 mph wind with 1" radial ice

Gust Response Factor (Gh): 0.85
Wind Importance Factor (Iw): 1.00
Ice Importance Factor: 1.00
Ice Dead Load Factor: 1.00

Sect #	Elev (ft)	Q _Z (psf)	A _r (sf)	A _r (sf)	Ice A _r (sf)	e	C _r	D _r	D _r	T _{iz} (in)	A _e (sf)	EPA _a (sf)	EPA _{ai} (sf)	Wt. (lb)	Ice Wt (lb)	F _{st} (lb)	F _a (lb)	Force (lb)
12	183	6.19	21.735	10.271	10.27	0.368	2.37	1.20	1.20	1.2	38.41	91.11	10.27	4621	2279	479	94	573
11	175	6.10	18.878	10.754	10.75	0.308	2.56	1.20	1.20	1.2	35.56	91.15	10.75	4008	2067	473	111	584
10	165	6.01	23.088	12.279	12.28	0.281	2.66	1.20	1.20	1.2	42.44	112.87	12.28	5898	2858	577	160	736
9	155	5.90	24.221	12.831	12.83	0.267	2.71	1.20	1.20	1.2	44.46	120.55	12.83	6031	3122	605	326	931
8	144	5.77	26.817	13.152	13.15	0.211	2.93	1.16	1.16	1.2	46.29	135.81	13.15	9847	5124	667	645	1312
7	131	5.63	27.593	13.493	13.49	0.196	3.00	1.15	1.15	1.1	47.14	141.19	13.49	11006	5580	675	759	1434
6	119	5.47	28.388	13.825	13.83	0.185	3.05	1.14	1.14	1.1	48.06	146.43	13.83	11330	5700	681	743	1424
5	100	5.21	59.230	28.592	28.59	0.170	3.11	1.13	1.13	1.1	99.04	308.13	28.59	24886	11833	1363	1420	2783
4	81	4.91	30.837	14.710	14.71	0.159	3.16	1.12	1.12	1.1	50.97	161.29	14.71	13181	6059	673	674	1347
3	62	4.55	82.186	23.059	23.06	0.165	3.13	1.12	1.12	1.1	118.29	370.75	23.06	27120	12496	1434	1241	2675
2	38	3.93	86.518	22.694	22.69	0.153	3.19	1.11	1.11	1.0	121.73	388.54	22.69	29388	12984	1299	1187	2486

SECTION FORCES

Sect #	Elev (ft)	Q _Z (psf)	A _r (sf)	A _r (sf)	Ice A _r (sf)	e	C _f	D _f	D _r	T _{iz} (in)	A _e (sf)	EPA _a (sf)	EPA _{ai} (sf)	Wt. (lb)	Ice Wt (lb)	F _{st} (lb)	F _a (lb)	Force (lb)
1	12	3.69	92.567	21.054	21.05	0.143	3.24	1.11	1.11	0.9	125.84	407.26	21.05	32640	12604	1276	1189	2465
														179,958	82,707			18,749

1.2D + 1.0Di + 1.0Wi 270° Gust Response Factor (Gh): 0.85 Ice Importance Factor: 1.00
 50 mph wind with 1" radial ice Wind Importance Factor (Iw): 1.00 Ice Dead Load Factor: 1.00

Sect #	Elev (ft)	Q _Z (psf)	A _r (sf)	A _r (sf)	Ice A _r (sf)	e	C _f	D _f	D _r	T _{iz} (in)	A _e (sf)	EPA _a (sf)	EPA _{ai} (sf)	Wt. (lb)	Ice Wt (lb)	F _{st} (lb)	F _a (lb)	Force (lb)
12	183	6.19	21.735	10.271	10.27	0.368	2.37	1.00	1.00	1.2	32.01	75.92	10.27	4621	2279	399	94	493
11	175	6.10	18.878	10.754	10.75	0.308	2.56	1.00	1.00	1.2	29.63	75.96	10.75	4008	2067	394	111	505
10	165	6.01	23.088	12.279	12.28	0.281	2.66	1.00	1.00	1.2	35.37	94.06	12.28	5898	2858	480	160	640
9	155	5.90	24.221	12.831	12.83	0.267	2.71	1.00	1.00	1.2	37.05	100.46	12.83	6031	3122	504	326	830
8	144	5.77	26.817	13.152	13.15	0.211	2.93	1.00	1.00	1.2	39.97	117.26	13.15	9847	5124	576	645	1221
7	131	5.63	27.593	13.493	13.49	0.196	3.00	1.00	1.00	1.1	41.09	123.05	13.49	11006	5580	588	759	1347
6	119	5.47	28.388	13.825	13.83	0.185	3.05	1.00	1.00	1.1	42.21	128.62	13.83	11330	5700	598	743	1341
5	100	5.21	59.230	28.592	28.59	0.170	3.11	1.00	1.00	1.1	87.82	273.23	28.59	24886	11833	1209	1420	2629
4	81	4.91	30.837	14.710	14.71	0.159	3.16	1.00	1.00	1.1	45.55	144.14	14.71	13181	6059	601	674	1275
3	62	4.55	82.186	23.059	23.06	0.165	3.13	1.00	1.00	1.1	105.24	329.86	23.06	27120	12496	1276	1241	2517
2	38	3.93	86.518	22.694	22.69	0.153	3.19	1.00	1.00	1.0	109.21	348.60	22.69	29388	12984	1165	1187	2352
1	12	3.69	92.567	21.054	21.05	0.143	3.24	1.00	1.00	0.9	113.62	367.72	21.05	32640	12604	1152	1189	2341
														179,958	82,707			17,491

1.2D + 1.0Di + 1.0Wi 315° Gust Response Factor (Gh): 0.85 Ice Importance Factor: 1.00
 50 mph wind with 1" radial ice Wind Importance Factor (Iw): 1.00 Ice Dead Load Factor: 1.00

Sect #	Elev (ft)	Q _Z (psf)	A _r (sf)	A _r (sf)	Ice A _r (sf)	e	C _f	D _f	D _r	T _{iz} (in)	A _e (sf)	EPA _a (sf)	EPA _{ai} (sf)	Wt. (lb)	Ice Wt (lb)	F _{st} (lb)	F _a (lb)	Force (lb)
12	183	6.19	21.735	10.271	10.27	0.368	2.37	1.20	1.20	1.2	38.41	91.11	10.27	4621	2279	479	94	573
11	175	6.10	18.878	10.754	10.75	0.308	2.56	1.20	1.20	1.2	35.56	91.15	10.75	4008	2067	473	111	584
10	165	6.01	23.088	12.279	12.28	0.281	2.66	1.20	1.20	1.2	42.44	112.87	12.28	5898	2858	577	160	736
9	155	5.90	24.221	12.831	12.83	0.267	2.71	1.20	1.20	1.2	44.46	120.55	12.83	6031	3122	605	326	931
8	144	5.77	26.817	13.152	13.15	0.211	2.93	1.16	1.16	1.2	46.29	135.81	13.15	9847	5124	667	645	1312
7	131	5.63	27.593	13.493	13.49	0.196	3.00	1.15	1.15	1.1	47.14	141.19	13.49	11006	5580	675	759	1434
6	119	5.47	28.388	13.825	13.83	0.185	3.05	1.14	1.14	1.1	48.06	146.43	13.83	11330	5700	681	743	1424
5	100	5.21	59.230	28.592	28.59	0.170	3.11	1.13	1.13	1.1	99.04	308.13	28.59	24886	11833	1363	1420	2783
4	81	4.91	30.837	14.710	14.71	0.159	3.16	1.12	1.12	1.1	50.97	161.29	14.71	13181	6059	673	674	1347
3	62	4.55	82.186	23.059	23.06	0.165	3.13	1.12	1.12	1.1	118.29	370.75	23.06	27120	12496	1434	1241	2675
2	38	3.93	86.518	22.694	22.69	0.153	3.19	1.11	1.11	1.0	121.73	388.54	22.69	29388	12984	1299	1187	2486
1	12	3.69	92.567	21.054	21.05	0.143	3.24	1.11	1.11	0.9	125.84	407.26	21.05	32640	12604	1276	1189	2465
														179,958	82,707			18,749

1.0D + 1.0W Service Normal Gust Response Factor (Gh): 0.85
 60 mph Wind with No Ice Wind Importance Factor (Iw): 1.00

Sect #	Elev (ft)	Q _Z (psf)	A _r (sf)	A _r (sf)	Ice A _r (sf)	e	C _f	D _f	D _r	T _{iz} (in)	A _e (sf)	EPA _a (sf)	EPA _{ai} (sf)	Wt. (lb)	Ice Wt (lb)	F _{st} (lb)	F _a (lb)	Force (lb)
12	183	8.91	21.735	0.000	0.00	0.254	2.76	1.00	1.00	0.0	21.74	59.94	0.00	1952	0	454	58	512
11	175	8.79	18.878	0.000	0.00	0.200	2.98	1.00	1.00	0.0	18.88	56.30	0.00	1617	0	421	67	487
10	165	8.65	23.088	0.000	0.00	0.186	3.04	1.00	1.00	0.0	23.09	70.20	0.00	2533	0	516	96	612
9	155	8.50	24.221	0.000	0.00	0.177	3.08	1.00	1.00	0.0	24.22	74.65	0.00	2424	0	539	168	707
8	144	8.31	26.817	0.000	0.00	0.143	3.24	1.00	1.00	0.0	26.82	86.80	0.00	3936	0	613	321	935
7	131	8.10	27.593	0.000	0.00	0.134	3.28	1.00	1.00	0.0	27.59	90.60	0.00	4522	0	624	380	1004
6	119	7.87	28.388	0.000	0.00	0.126	3.32	1.00	1.00	0.0	28.39	94.32	0.00	4692	0	631	370	1001
5	100	7.50	59.230	0.000	0.00	0.116	3.37	1.00	1.00	0.0	59.23	199.60	0.00	10877	0	1272	705	1976
4	81	7.06	30.837	0.000	0.00	0.108	3.41	1.00	1.00	0.0	30.84	105.10	0.00	5935	0	631	334	965
3	62	6.55	82.186	0.000	0.00	0.130	3.30	1.00	1.00	0.0	82.19	271.28	0.00	12186	0	1511	625	2137
2	38	5.66	86.518	0.000	0.00	0.122	3.34	1.00	1.00	0.0	86.52	289.05	0.00	13670	0	1392	692	2083
1	12	5.31	92.567	0.000	0.00	0.117	3.36	1.00	1.00	0.0	92.57	311.27	0.00	16697	0	1405	772	2177
														81,042	0			14,596

SECTION FORCES

1.0D + 1.0W Service 45°
60 mph Wind with No Ice

Gust Response Factor (Gh): 0.85
Wind Importance Factor (Iw): 1.00

Sect #	Elev (ft)	Qz (psf)	Af (sf)	Ar (sf)	Ice Ar (sf)	e	Cf	Df	Dr	Tiz (in)	Ae (sf)	EPAa (sf)	EPAAi (sf)	Wt. (lb)	Ice Wt (lb)	Fst (lb)	Fa (lb)	Force (lb)
12	183	8.91	21.735	0.000	0.00	0.254	2.76	1.19	1.19	0.0	25.88	71.38	0.00	1952	0	541	58	599
11	175	8.79	18.878	0.000	0.00	0.200	2.98	1.15	1.15	0.0	21.70	64.72	0.00	1617	0	484	67	550
10	165	8.65	23.088	0.000	0.00	0.186	3.04	1.14	1.14	0.0	26.31	80.00	0.00	2533	0	588	96	684
9	155	8.50	24.221	0.000	0.00	0.177	3.08	1.13	1.13	0.0	27.43	84.55	0.00	2424	0	611	168	778
8	144	8.31	26.817	0.000	0.00	0.143	3.24	1.11	1.11	0.0	29.70	96.13	0.00	3936	0	679	321	1001
7	131	8.10	27.593	0.000	0.00	0.134	3.28	1.10	1.10	0.0	30.36	99.68	0.00	4522	0	686	380	1066
6	119	7.87	28.388	0.000	0.00	0.126	3.32	1.09	1.09	0.0	31.06	103.20	0.00	4692	0	691	370	1061
5	100	7.50	59.230	0.000	0.00	0.116	3.37	1.09	1.09	0.0	64.38	216.95	0.00	10877	0	1382	705	2087
4	81	7.06	30.837	0.000	0.00	0.108	3.41	1.08	1.08	0.0	33.34	113.63	0.00	5935	0	682	334	1016
3	62	6.55	82.186	0.000	0.00	0.130	3.30	1.10	1.10	0.0	90.20	297.72	0.00	12186	0	1659	625	2284
2	38	5.66	86.518	0.000	0.00	0.122	3.34	1.09	1.09	0.0	94.42	315.45	0.00	13670	0	1519	692	2210
1	12	5.31	92.567	0.000	0.00	0.117	3.36	1.09	1.09	0.0	100.72	338.67	0.00	16697	0	1528	772	2300
														81,042	0			15,637

1.0D + 1.0W Service 90°
60 mph Wind with No Ice

Gust Response Factor (Gh): 0.85
Wind Importance Factor (Iw): 1.00

Sect #	Elev (ft)	Qz (psf)	Af (sf)	Ar (sf)	Ice Ar (sf)	e	Cf	Df	Dr	Tiz (in)	Ae (sf)	EPAa (sf)	EPAAi (sf)	Wt. (lb)	Ice Wt (lb)	Fst (lb)	Fa (lb)	Force (lb)
12	183	8.91	21.735	0.000	0.00	0.254	2.76	1.00	1.00	0.0	21.74	59.94	0.00	1952	0	454	58	512
11	175	8.79	18.878	0.000	0.00	0.200	2.98	1.00	1.00	0.0	18.88	56.30	0.00	1617	0	421	67	487
10	165	8.65	23.088	0.000	0.00	0.186	3.04	1.00	1.00	0.0	23.09	70.20	0.00	2533	0	516	96	612
9	155	8.50	24.221	0.000	0.00	0.177	3.08	1.00	1.00	0.0	24.22	74.65	0.00	2424	0	539	168	707
8	144	8.31	26.817	0.000	0.00	0.143	3.24	1.00	1.00	0.0	26.82	86.80	0.00	3936	0	613	321	935
7	131	8.10	27.593	0.000	0.00	0.134	3.28	1.00	1.00	0.0	27.59	90.60	0.00	4522	0	624	380	1004
6	119	7.87	28.388	0.000	0.00	0.126	3.32	1.00	1.00	0.0	28.39	94.32	0.00	4692	0	631	370	1001
5	100	7.50	59.230	0.000	0.00	0.116	3.37	1.00	1.00	0.0	59.23	199.60	0.00	10877	0	1272	705	1976
4	81	7.06	30.837	0.000	0.00	0.108	3.41	1.00	1.00	0.0	30.84	105.10	0.00	5935	0	631	334	965
3	62	6.55	82.186	0.000	0.00	0.130	3.30	1.00	1.00	0.0	82.19	271.28	0.00	12186	0	1511	625	2137
2	38	5.66	86.518	0.000	0.00	0.122	3.34	1.00	1.00	0.0	86.52	289.05	0.00	13670	0	1392	692	2083
1	12	5.31	92.567	0.000	0.00	0.117	3.36	1.00	1.00	0.0	92.57	311.27	0.00	16697	0	1405	772	2177
														81,042	0			14,596

1.0D + 1.0W Service 135°
60 mph Wind with No Ice

Gust Response Factor (Gh): 0.85
Wind Importance Factor (Iw): 1.00

Sect #	Elev (ft)	Qz (psf)	Af (sf)	Ar (sf)	Ice Ar (sf)	e	Cf	Df	Dr	Tiz (in)	Ae (sf)	EPAa (sf)	EPAAi (sf)	Wt. (lb)	Ice Wt (lb)	Fst (lb)	Fa (lb)	Force (lb)
12	183	8.91	21.735	0.000	0.00	0.254	2.76	1.19	1.19	0.0	25.88	71.38	0.00	1952	0	541	58	599
11	175	8.79	18.878	0.000	0.00	0.200	2.98	1.15	1.15	0.0	21.70	64.72	0.00	1617	0	484	67	550
10	165	8.65	23.088	0.000	0.00	0.186	3.04	1.14	1.14	0.0	26.31	80.00	0.00	2533	0	588	96	684
9	155	8.50	24.221	0.000	0.00	0.177	3.08	1.13	1.13	0.0	27.43	84.55	0.00	2424	0	611	168	778
8	144	8.31	26.817	0.000	0.00	0.143	3.24	1.11	1.11	0.0	29.70	96.13	0.00	3936	0	679	321	1001
7	131	8.10	27.593	0.000	0.00	0.134	3.28	1.10	1.10	0.0	30.36	99.68	0.00	4522	0	686	380	1066
6	119	7.87	28.388	0.000	0.00	0.126	3.32	1.09	1.09	0.0	31.06	103.20	0.00	4692	0	691	370	1061
5	100	7.50	59.230	0.000	0.00	0.116	3.37	1.09	1.09	0.0	64.38	216.95	0.00	10877	0	1382	705	2087
4	81	7.06	30.837	0.000	0.00	0.108	3.41	1.08	1.08	0.0	33.34	113.63	0.00	5935	0	682	334	1016
3	62	6.55	82.186	0.000	0.00	0.130	3.30	1.10	1.10	0.0	90.20	297.72	0.00	12186	0	1659	625	2284
2	38	5.66	86.518	0.000	0.00	0.122	3.34	1.09	1.09	0.0	94.42	315.45	0.00	13670	0	1519	692	2210
1	12	5.31	92.567	0.000	0.00	0.117	3.36	1.09	1.09	0.0	100.72	338.67	0.00	16697	0	1528	772	2300
														81,042	0			15,637

1.0D + 1.0W Service 180°
60 mph Wind with No Ice

Gust Response Factor (Gh): 0.85
Wind Importance Factor (Iw): 1.00

SECTION FORCES

Sect #	Elev (ft)	Q _Z (psf)	A _r (sf)	A _r (sf)	Ice A _r (sf)	e	C _f	D _f	D _r	T _{iz} (in)	A _e (sf)	EPA _a (sf)	EPA _{ai} (sf)	Wt. (lb)	Ice Wt (lb)	F _{st} (lb)	F _a (lb)	Force (lb)
12	183	8.91	21.735	0.000	0.00	0.254	2.76	1.00	1.00	0.0	21.74	59.94	0.00	1952	0	454	58	512
11	175	8.79	18.878	0.000	0.00	0.200	2.98	1.00	1.00	0.0	18.88	56.30	0.00	1617	0	421	67	487
10	165	8.65	23.088	0.000	0.00	0.186	3.04	1.00	1.00	0.0	23.09	70.20	0.00	2533	0	516	96	612
9	155	8.50	24.221	0.000	0.00	0.177	3.08	1.00	1.00	0.0	24.22	74.65	0.00	2424	0	539	168	707
8	144	8.31	26.817	0.000	0.00	0.143	3.24	1.00	1.00	0.0	26.82	86.80	0.00	3936	0	613	321	935
7	131	8.10	27.593	0.000	0.00	0.134	3.28	1.00	1.00	0.0	27.59	90.60	0.00	4522	0	624	380	1004
6	119	7.87	28.388	0.000	0.00	0.126	3.32	1.00	1.00	0.0	28.39	94.32	0.00	4692	0	631	370	1001
5	100	7.50	59.230	0.000	0.00	0.116	3.37	1.00	1.00	0.0	59.23	199.60	0.00	10877	0	1272	705	1976
4	81	7.06	30.837	0.000	0.00	0.108	3.41	1.00	1.00	0.0	30.84	105.10	0.00	5935	0	631	334	965
3	62	6.55	82.186	0.000	0.00	0.130	3.30	1.00	1.00	0.0	82.19	271.28	0.00	12186	0	1511	625	2137
2	38	5.66	86.518	0.000	0.00	0.122	3.34	1.00	1.00	0.0	86.52	289.05	0.00	13670	0	1392	692	2083
1	12	5.31	92.567	0.000	0.00	0.117	3.36	1.00	1.00	0.0	92.57	311.27	0.00	16697	0	1405	772	2177
														81,042	0			14,596

1.0D + 1.0W Service 225° Gust Response Factor (G_h): 0.85
 60 mph Wind with No Ice Wind Importance Factor (I_w): 1.00

Sect #	Elev (ft)	Q _Z (psf)	A _r (sf)	A _r (sf)	Ice A _r (sf)	e	C _f	D _f	D _r	T _{iz} (in)	A _e (sf)	EPA _a (sf)	EPA _{ai} (sf)	Wt. (lb)	Ice Wt (lb)	F _{st} (lb)	F _a (lb)	Force (lb)
12	183	8.91	21.735	0.000	0.00	0.254	2.76	1.19	1.19	0.0	25.88	71.38	0.00	1952	0	541	58	599
11	175	8.79	18.878	0.000	0.00	0.200	2.98	1.15	1.15	0.0	21.70	64.72	0.00	1617	0	484	67	550
10	165	8.65	23.088	0.000	0.00	0.186	3.04	1.14	1.14	0.0	26.31	80.00	0.00	2533	0	588	96	684
9	155	8.50	24.221	0.000	0.00	0.177	3.08	1.13	1.13	0.0	27.43	84.55	0.00	2424	0	611	168	778
8	144	8.31	26.817	0.000	0.00	0.143	3.24	1.11	1.11	0.0	29.70	96.13	0.00	3936	0	679	321	1001
7	131	8.10	27.593	0.000	0.00	0.134	3.28	1.10	1.10	0.0	30.36	99.68	0.00	4522	0	686	380	1066
6	119	7.87	28.388	0.000	0.00	0.126	3.32	1.09	1.09	0.0	31.06	103.20	0.00	4692	0	691	370	1061
5	100	7.50	59.230	0.000	0.00	0.116	3.37	1.09	1.09	0.0	64.38	216.95	0.00	10877	0	1382	705	2087
4	81	7.06	30.837	0.000	0.00	0.108	3.41	1.08	1.08	0.0	33.34	113.63	0.00	5935	0	682	334	1016
3	62	6.55	82.186	0.000	0.00	0.130	3.30	1.10	1.10	0.0	90.20	297.72	0.00	12186	0	1659	625	2284
2	38	5.66	86.518	0.000	0.00	0.122	3.34	1.09	1.09	0.0	94.42	315.45	0.00	13670	0	1519	692	2210
1	12	5.31	92.567	0.000	0.00	0.117	3.36	1.09	1.09	0.0	100.72	338.67	0.00	16697	0	1528	772	2300
														81,042	0			15,637

1.0D + 1.0W Service 270° Gust Response Factor (G_h): 0.85
 60 mph Wind with No Ice Wind Importance Factor (I_w): 1.00

Sect #	Elev (ft)	Q _Z (psf)	A _r (sf)	A _r (sf)	Ice A _r (sf)	e	C _f	D _f	D _r	T _{iz} (in)	A _e (sf)	EPA _a (sf)	EPA _{ai} (sf)	Wt. (lb)	Ice Wt (lb)	F _{st} (lb)	F _a (lb)	Force (lb)
12	183	8.91	21.735	0.000	0.00	0.254	2.76	1.00	1.00	0.0	21.74	59.94	0.00	1952	0	454	58	512
11	175	8.79	18.878	0.000	0.00	0.200	2.98	1.00	1.00	0.0	18.88	56.30	0.00	1617	0	421	67	487
10	165	8.65	23.088	0.000	0.00	0.186	3.04	1.00	1.00	0.0	23.09	70.20	0.00	2533	0	516	96	612
9	155	8.50	24.221	0.000	0.00	0.177	3.08	1.00	1.00	0.0	24.22	74.65	0.00	2424	0	539	168	707
8	144	8.31	26.817	0.000	0.00	0.143	3.24	1.00	1.00	0.0	26.82	86.80	0.00	3936	0	613	321	935
7	131	8.10	27.593	0.000	0.00	0.134	3.28	1.00	1.00	0.0	27.59	90.60	0.00	4522	0	624	380	1004
6	119	7.87	28.388	0.000	0.00	0.126	3.32	1.00	1.00	0.0	28.39	94.32	0.00	4692	0	631	370	1001
5	100	7.50	59.230	0.000	0.00	0.116	3.37	1.00	1.00	0.0	59.23	199.60	0.00	10877	0	1272	705	1976
4	81	7.06	30.837	0.000	0.00	0.108	3.41	1.00	1.00	0.0	30.84	105.10	0.00	5935	0	631	334	965
3	62	6.55	82.186	0.000	0.00	0.130	3.30	1.00	1.00	0.0	82.19	271.28	0.00	12186	0	1511	625	2137
2	38	5.66	86.518	0.000	0.00	0.122	3.34	1.00	1.00	0.0	86.52	289.05	0.00	13670	0	1392	692	2083
1	12	5.31	92.567	0.000	0.00	0.117	3.36	1.00	1.00	0.0	92.57	311.27	0.00	16697	0	1405	772	2177
														81,042	0			14,596

1.0D + 1.0W Service 315° Gust Response Factor (G_h): 0.85
 60 mph Wind with No Ice Wind Importance Factor (I_w): 1.00

Sect #	Elev (ft)	Q _Z (psf)	A _r (sf)	A _r (sf)	Ice A _r (sf)	e	C _f	D _f	D _r	T _{iz} (in)	A _e (sf)	EPA _a (sf)	EPA _{ai} (sf)	Wt. (lb)	Ice Wt (lb)	F _{st} (lb)	F _a (lb)	Force (lb)
12	183	8.91	21.735	0.000	0.00	0.254	2.76	1.19	1.19	0.0	25.88	71.38	0.00	1952	0	541	58	599
11	175	8.79	18.878	0.000	0.00	0.200	2.98	1.15	1.15	0.0	21.70	64.72	0.00	1617	0	484	67	550

SECTION FORCES

Sect #	Elev (ft)	Q _Z (psf)	A _r (sf)	A _r (sf)	Ice A _r (sf)	e	C _f	D _f	D _r	T _{iz} (in)	A _e (sf)	EPA _a (sf)	EPA _{ai} (sf)	Wt. (lb)	Ice Wt (lb)	F _{st} (lb)	F _a (lb)	Force (lb)
10	165	8.65	23.088	0.000	0.00	0.186	3.04	1.14	1.14	0.0	26.31	80.00	0.00	2533	0	588	96	684
9	155	8.50	24.221	0.000	0.00	0.177	3.08	1.13	1.13	0.0	27.43	84.55	0.00	2424	0	611	168	778
8	144	8.31	26.817	0.000	0.00	0.143	3.24	1.11	1.11	0.0	29.70	96.13	0.00	3936	0	679	321	1001
7	131	8.10	27.593	0.000	0.00	0.134	3.28	1.10	1.10	0.0	30.36	99.68	0.00	4522	0	686	380	1066
6	119	7.87	28.388	0.000	0.00	0.126	3.32	1.09	1.09	0.0	31.06	103.20	0.00	4692	0	691	370	1061
5	100	7.50	59.230	0.000	0.00	0.116	3.37	1.09	1.09	0.0	64.38	216.95	0.00	10877	0	1382	705	2087
4	81	7.06	30.837	0.000	0.00	0.108	3.41	1.08	1.08	0.0	33.34	113.63	0.00	5935	0	682	334	1016
3	62	6.55	82.186	0.000	0.00	0.130	3.30	1.10	1.10	0.0	90.20	297.72	0.00	12186	0	1659	625	2284
2	38	5.66	86.518	0.000	0.00	0.122	3.34	1.09	1.09	0.0	94.42	315.45	0.00	13670	0	1519	692	2210
1	12	5.31	92.567	0.000	0.00	0.117	3.36	1.09	1.09	0.0	100.72	338.67	0.00	16697	0	1528	772	2300
														81,042	0			15,637

EQUIVALENT LATERAL FORCE METHOD

Spectral Response Acceleration for Short Period (S_S):	0.22
Spectral Response Acceleration at 1.0 Second Period (S_1):	0.06
Long-Period Transition Period (T_L – Seconds):	6
Importance Factor (I_e):	1.00
Site Coefficient F_a :	1.60
Site Coefficient F_v :	2.40
Response Modification Coefficient (R):	3.00
Design Spectral Response Acceleration at Short Period (S_{ds}):	0.24
Design Spectral Response Acceleration at 1.0 Second Period (S_{d1}):	0.09
Seismic Response Coefficient (C_s):	0.04
Upper Limit C_s :	0.04
Lower Limit C_s :	0.03
Period based on Rayleigh Method (sec):	0.67
Redundancy Factor (ρ):	1.30
Seismic Force Distribution Exponent (k):	1.09
Total Unfactored Dead Load:	115.63 k
Seismic Base Shear (E):	6.66 k

SEISMIC

Load Case: 0.9D - 1.0Ev + 1.0Eh

Seismic

Section	Height Above Base (ft)	Weight (lb)	W_z (lb-ft)	C_{vx}	Horizontal Force (lb)	Vertical Force (lb)
12	183.21	1,952	562,351	0.032	214	1,663
11	174.63	1,617	442,342	0.025	168	1,378
10	165.26	2,533	652,492	0.037	248	2,159
9	155.08	2,424	582,702	0.033	221	2,066
8	143.75	3,936	871,354	0.050	331	3,355
7	131.25	4,522	906,786	0.052	345	3,854
6	118.75	4,692	843,795	0.048	321	3,998
5	100.00	10,877	1,622,971	0.092	617	9,270
4	81.25	5,935	706,593	0.040	268	5,058
3	62.50	12,186	1,090,951	0.062	414	10,385
2	37.50	13,670	702,397	0.040	267	11,650
1	12.50	16,697	259,928	0.015	99	14,229
Ericsson 4460 BAND 2/25	187.50	327	96,618	0.006	37	279
Ericsson 4480 BAND 71	187.50	243	71,799	0.004	27	207
Commscope VV-65A-R1	187.50	71	21,096	0.001	8	61
RFS APXVAALL24 43-U-NA20	187.50	368	108,851	0.006	41	314
Ericsson AIR 6419 B41	187.50	250	73,838	0.004	28	213
Generic Flat Side Arm	187.50	562	166,201	0.010	63	479
Generic Mount Reinforcement Platform	187.50	600	177,281	0.010	67	511
Alcatel-Lucent TD-RRH8x20-25 w/ Solar Shield	172.50	210	56,672	0.003	22	179
Alcatel-Lucent ALU 800MHz External Notch Filter	171.90	26	7,098	0.000	3	22
Alcatel-Lucent 2X50W RRH w/o Filter	171.90	159	42,747	0.002	16	136
Catwalk	170.30	6,500	1,729,846	0.099	657	5,539
Alcatel-Lucent 4x40W RRH (91 lb)	167.00	273	71,125	0.004	27	233
RFS APXV9TM14-ALU-I20*	167.00	165	43,066	0.002	16	141
RFS APXVSP18-C-A20	167.00	171	44,551	0.002	17	146
Generic Flat Light Sector Frame	167.00	1,200	312,636	0.018	119	1,023
Kathrein Scala 860 10025	160.00	7	1,791	0.000	1	6
Ericsson RRUS 8843 B2, B66A	160.00	216	53,715	0.003	20	184
Ericsson RRUS 4426 B66	160.00	145	36,109	0.002	14	124

Ericsson RRUS 4415 B30	160.00	138	34,318	0.002	13	118
Ericsson RRUS 4449 B5, B12	160.00	213	52,969	0.003	20	182
Ericsson RRUS 4478 B14	160.00	178	44,315	0.002	17	152
Ericsson RRUS 32 B2	160.00	159	39,541	0.002	15	136
Raycap DC9-48-60-24-8C-EV	160.00	32	7,958	0.000	3	27
CCI DMP65R-BU6DA	160.00	238	59,236	0.003	23	203
CCI OPA65RBU6DA	160.00	181	44,912	0.003	17	154
Generic Round Sector Frame	160.00	900	223,814	0.013	85	767
Allgon 7770.00	155.70	105	25,350	0.001	10	89
CCI HPA-65R-BUU-H6	155.10	153	36,784	0.002	14	130
Powerwave Allgon LGP21401	155.00	85	20,325	0.001	8	72
Samsung B2/B66A RRH-BR049	146.00	253	57,001	0.003	22	216
Samsung B5/B13 RRH-BR04C	146.00	211	47,479	0.003	18	180
Amphenol Antel BXA-171063-8BF-EDIN-X	146.00	10	2,364	0.000	1	9
Raycap RCMD-6627-PF-48	146.00	32	7,204	0.000	3	27
Generic 48" x 12" Panel	146.00	90	20,261	0.001	8	77
Antel LPA-80063/4CF	146.00	60	13,507	0.001	5	51
Commscope SBNHH-1D65B	146.00	304	68,483	0.004	26	259
Amphenol Antel BXA-70063-6CF-EDIN-X	145.50	17	3,813	0.000	1	14
Site Pro 1 VFA12-HD Sector Frame	145.00	2,214	494,783	0.028	188	1,887
Generic Flat Side Arm	137.50	188	39,547	0.002	15	160
Rest Platform	137.50	500	105,458	0.006	40	426
Commscope RDIDC-9181-PF-48	137.00	22	4,601	0.000	2	19
Fujitsu TA08025-B605	137.00	225	47,268	0.003	18	192
Fujitsu TA08025-B604	137.00	192	40,273	0.002	15	163
JMA Wireless MX08FRO665-21	137.00	194	40,651	0.002	15	165
Generic Round Sector Frame	137.00	900	189,074	0.011	72	767
Generic Flat Side Arm	120.00	188	34,108	0.002	13	160
Generic Flat Side Arm	112.50	188	31,797	0.002	12	160
Generic Flat Side Arm	100.00	188	27,976	0.002	11	160
Platform	100.00	5,500	820,637	0.047	312	4,687
Rest Platform	87.50	500	64,525	0.004	25	426
Generic Round Side Arm	82.00	188	22,548	0.001	9	160
Andrew DB616E-BC	80.00	51	5,971	0.000	2	43
Rest Platform	50.00	500	35,121	0.002	13	426
Totals		115,632	17,537,425	1.000	6,663	98,543

SEISMIC

Load Case: 1.2D + 1.0Ev + 1.0Eh

Seismic

Section	Height Above Base (ft)	Weight (lb)	W _Z (lb-ft)	C _v	Horizontal Force (lb)	Vertical Force (lb)
12	183.21	1,952	562,351	0.032	214	2,435
11	174.63	1,617	442,342	0.025	168	2,018
10	165.26	2,533	652,492	0.037	248	3,161
9	155.08	2,424	582,702	0.033	221	3,025
8	143.75	3,936	871,354	0.050	331	4,912
7	131.25	4,522	906,786	0.052	345	5,643
6	118.75	4,692	843,795	0.048	321	5,854
5	100.00	10,877	1,622,971	0.092	617	13,573
4	81.25	5,935	706,593	0.040	268	7,405
3	62.50	12,186	1,090,951	0.062	414	15,206
2	37.50	13,670	702,397	0.040	267	17,058
1	12.50	16,697	259,928	0.015	99	20,834
Ericsson 4460 BAND 2/25	187.50	327	96,618	0.006	37	408
Ericsson 4480 BAND 71	187.50	243	71,799	0.004	27	303
Commscope VV-65A-R1	187.50	71	21,096	0.001	8	89
RFS APXVAALL24 43-U-NA20	187.50	368	108,851	0.006	41	460
Ericsson AIR 6419 B41	187.50	250	73,838	0.004	28	312
Generic Flat Side Arm	187.50	562	166,201	0.010	63	702
Generic Mount Reinforcement	187.50	600	177,281	0.010	67	749
Platform	187.50	8,000	2,363,751	0.135	898	9,982
Alcatel-Lucent TD-RRH8x20-25 w/ Solar Shield	172.50	210	56,672	0.003	22	262
Alcatel-Lucent ALU 800MHz External Notch Filter	171.90	26	7,098	0.000	3	33
Alcatel-Lucent 2X50W RRH w/o Filter	171.90	159	42,747	0.002	16	198
Catwalk	170.30	6,500	1,729,846	0.099	657	8,111
Alcatel-Lucent 4x40W RRH (91 lb)	167.00	273	71,125	0.004	27	341
RFS APXV9TM14-ALU-I20*	167.00	165	43,066	0.002	16	206
RFS APXVSP18-C-A20	167.00	171	44,551	0.002	17	213

Generic Flat Light Sector Frame	167.00	1,200	312,636	0.018	119	1,497
Kathrein Scala 860 10025	160.00	7	1,791	0.000	1	9
Ericsson RRUS 8843 B2, B66A	160.00	216	53,715	0.003	20	270
Ericsson RRUS 4426 B66	160.00	145	36,109	0.002	14	181
Ericsson RRUS 4415 B30	160.00	138	34,318	0.002	13	172
Ericsson RRUS 4449 B5, B12	160.00	213	52,969	0.003	20	266
Ericsson RRUS 4478 B14	160.00	178	44,315	0.002	17	222
Ericsson RRUS 32 B2	160.00	159	39,541	0.002	15	198
Raycap DC9-48-60-24-8C-EV	160.00	32	7,958	0.000	3	40
CCI DMP65R-BU6DA	160.00	238	59,236	0.003	23	297
CCI OPA65RBU6DA	160.00	181	44,912	0.003	17	225
Generic Round Sector Frame	160.00	900	223,814	0.013	85	1,123
Allgon 7770.00	155.70	105	25,350	0.001	10	131
CCI HPA-65R-BUU-H6	155.10	153	36,784	0.002	14	191
Powerwave Allgon LGP21401	155.00	85	20,325	0.001	8	106
Samsung B2/B66A RRH-BR049	146.00	253	57,001	0.003	22	316
Samsung B5/B13 RRH-BR04C	146.00	211	47,479	0.003	18	263
Amphenol Antel BXA-171063-8BF-EDIN-X	146.00	10	2,364	0.000	1	13
Raycap RCMD-6627-PF-48	146.00	32	7,204	0.000	3	40
Generic 48" x 12" Panel	146.00	90	20,261	0.001	8	112
Antel LPA-80063/4CF	146.00	60	13,507	0.001	5	75
Commscope SBNHH-1D65B	146.00	304	68,483	0.004	26	380
Amphenol Antel BXA-70063-6CF-EDIN-X	145.50	17	3,813	0.000	1	21
Site Pro 1 VFA12-HD Sector Frame	145.00	2,214	494,783	0.028	188	2,763
Generic Flat Side Arm	137.50	188	39,547	0.002	15	234
Rest Platform	137.50	500	105,458	0.006	40	624
Commscope RDIDC-9181-PF-48	137.00	22	4,601	0.000	2	27
Fujitsu TA08025-B605	137.00	225	47,268	0.003	18	281
Fujitsu TA08025-B604	137.00	192	40,273	0.002	15	239
JMA Wireless MX08FRO665-21	137.00	194	40,651	0.002	15	241
Generic Round Sector Frame	137.00	900	189,074	0.011	72	1,123
Generic Flat Side Arm	120.00	188	34,108	0.002	13	234
Generic Flat Side Arm	112.50	188	31,797	0.002	12	234
Generic Flat Side Arm	100.00	188	27,976	0.002	11	234
Platform	100.00	5,500	820,637	0.047	312	6,863
Rest Platform	87.50	500	64,525	0.004	25	624
Generic Round Side Arm	82.00	188	22,548	0.001	9	234
Andrew DB616E-BC	80.00	51	5,971	0.000	2	64
Rest Platform	50.00	500	35,121	0.002	13	624
Totals		115,632	17,537,425	1.000	6,663	144,283

FORCE/STRESS SUMMARY

Section 1 – Base 0.0 (ft) and Height 25.00 (ft)

Max Compression	Pu		Len (ft)	Bracing %				F _y (ksi)	Φ _c P _n (kip)	Shear		Bear		# Bolt	# Hole	Use %	Controls
	(kip)	Load Case		X	Y	Z	KL/R			Φ _{R_{nv}} (kip)	Φ _{R_n} (kip)						
L SAE - 8X8X0.875	-187.50	1.2D + 1.0W 45°	25.098	33	33	33	63.30	36.0	416.27	0.00	0.00	0	0	45	Member Z		
H DAL - 3X2.5X0.3125	-9.52	1.2D + 1.0W N	14.66	100	100	17	171.66	36.0	31.47	0.00	0.00	0	0	30	Member X		
D DAS - 3.5X3X0.25	-20.39	1.2D + 1.0W N	29.843	33	66	8	145.04	36.0	42.58	0.00	0.00	0	0	47	Member Y		

Max Tension Member	Pu		F _y (ksi)	F _u (ksi)	Φ _c P _n (kip)	Shear		Bear		Blk Shear		# Bolt	# Hole	Use %	Controls
	(kip)	Load Case				Φ _{R_{nv}} (kip)	Φ _{R_n} (kip)	Φ _t P _n (kip)							
L SAE - 8X8X0.875	132.28	0.9D + 1.0W 45°	36.0	58	428.65	0.00	0.00	0	0	0	0	0	0	30	Member
H DAL - 3X2.5X0.3125	10.27	1.2D + 1.0W N	36.0	58	104.98	0.00	0.00	0.00	0	0	0	0	0	9	Member
D DAS - 3.5X3X0.25	18.39	1.2D + 1.0W N	36.0	58	101.41	0.00	0.00	0.00	0	0	0	0	0	18	Member

Max Splice Forces	Pu (kip)	Load Case	Φ _{R_{nt}} (kip)	Use %	Num Bolts	Bolt Type
Top Tension	131.97	0.9D + 1.0W 135°	0.00	0	0	
Bot Tension	156.34	0.9D + 1.0W 135°	565.10	8	4	2.25" A36
Bot Compression	214.72	1.2D + 1.0W 135°	467.67	50	0	

Section 2 – Base 25.0 (ft) and Height 25.00 (ft)

Max Compression	Pu		Len (ft)	Bracing %				F _y (ksi)	Φ _c P _n (kip)	Shear		Bear		# Bolt	# Hole	Use %	Controls
	(kip)	Load Case		X	Y	Z	KL/R			Φ _{R_{nv}} (kip)	Φ _{R_n} (kip)						
L SAE - 8X8X0.75	-157.64	1.2D + 1.0W 45°	25.098	33	33	33	62.90	36.0	360.60	0.00	0.00	0	0	43	Member Z		
H DAL - 3X2.5X0.25	-9.23	1.2D + 1.0W N	13.097	100	100	17	155.33	36.0	31.20	0.00	0.00	0	0	29	Member X		
D DAS - 3X2.5X0.25	-21.79	1.2D + 1.0W N	29.023	33	65	8	156.72	36.0	30.65	0.00	0.00	0	0	71	Member Y		

Max Tension Member	Pu		F _y (ksi)	F _u (ksi)	Φ _c P _n (kip)	Shear		Bear		Blk Shear		# Bolt	# Hole	Use %	Controls
	(kip)	Load Case				Φ _{R_{nv}} (kip)	Φ _{R_n} (kip)	Φ _t P _n (kip)							
L SAE - 8X8X0.75	108.99	0.9D + 1.0W 45°	36.0	58	370.66	0.00	0.00	0	0	0	0	0	0	29	Member
H DAL - 3X2.5X0.25	9.72	1.2D + 1.0W N	36.0	58	85.21	0.00	0.00	0.00	0	0	0	0	0	11	Member
D DAS - 3X2.5X0.25	19.69	0.9D + 1.0W N	36.0	58	85.21	0.00	0.00	0.00	0	0	0	0	0	23	Member

Max Splice Forces	Pu (kip)	Load Case	Φ _{R_{nt}} (kip)	Use %	Num Bolts	Bolt Type
Top Tension	108.78	0.9D + 1.0W 135°	0.00	0	0	
Bot Tension	131.97	0.9D + 1.0W 135°	0.00	0	0	

Section 3 – Base 50.0 (ft) and Height 25.00 (ft)

Max Compression	Pu		Len (ft)	Bracing %				F _y (ksi)	Φ _c P _n (kip)	Shear		Bear		# Bolt	# Hole	Use %	Controls
	(kip)	Load Case		X	Y	Z	KL/R			Φ _{R_{nv}} (kip)	Φ _{R_n} (kip)						
L SAE - 8X8X0.75	-126.73	1.2D + 1.0W 45°	25.098	33	33	33	62.90	36.0	360.60	0.00	0.00	0	0	35	Member Z		
H DAE - 2.5X2.5X0.25	-8.36	1.2D + 1.0W N	11.534	100	100	17	165.75	36.0	24.80	0.00	0.00	0	0	33	Member X		
D DAS - 3X2.5X0.25	-21.77	1.2D + 1.0W N	28.266	33	66	8	155.01	36.0	31.33	0.00	0.00	0	0	69	Member Y		

Max Tension Member	Pu		F _y (ksi)	F _u (ksi)	Φ _c P _n (kip)	Shear		Bear		Blk Shear		# Bolt	# Hole	Use %	Controls
	(kip)	Load Case				Φ _{R_{nv}} (kip)	Φ _{R_n} (kip)	Φ _t P _n (kip)							
L SAE - 8X8X0.75	85.90	0.9D + 1.0W 135°	36.0	58	370.66	0.00	0.00	0	0	0	0	0	0	23	Member
H DAE - 2.5X2.5X0.25	8.89	1.2D + 1.0W N	36.0	58	77.11	0.00	0.00	0.00	0	0	0	0	0	11	Member
D DAS - 3X2.5X0.25	19.71	1.2D + 1.0W N	36.0	58	85.21	0.00	0.00	0.00	0	0	0	0	0	23	Member

Max Splice Forces	Pu (kip)	Load Case	Φ _{R_{nt}} (kip)	Use %	Num Bolts	Bolt Type
Top Tension	85.15	0.9D + 1.0W 135°	0.00	0	0	

FORCE/STRESS SUMMARY

Bot Tension 108.78 0.9D + 1.0W 135° 0.00 0 0

Section 4 – Base 75.0 (ft) and Height 12.50 (ft)

Max Compression	Pu (kip) Load Case		Len (ft)	Bracing %			KL/R	F'y (ksi)	Φc Pn (kip)	Shear	Bear	# Bolt	# Hole	Use %	Controls
	ΦRnv (kip)	ΦRn (kip)													
L SAE - 6X6X0.875	-111.13	1.2D + 1.0W 45°	12.549	50	50	50	64.35	36.0	304.67	0.00	0.00	0	0	36	Member Z
H DAE - 2.5X2.5X0.25	-7.54	0.9D + 1.0W N	10.752	100	100	20	156.45	36.0	27.83	0.00	0.00	0	0	27	Member X
D DAE - 2.5X2.5X0.25	-12.68	1.2D + 1.0W N	17.026	50	100	12	167.07	36.0	24.41	0.00	0.00	0	0	51	Member Y

Max Tension Member	Pu (kip) Load Case		Fy (ksi)	Fu (ksi)	Φc Pn (kip)	ΦRnv (kip)	ΦRn (kip)	Shear	Bear	Blk Shear	# Bolt	# Hole	Use %	Controls
	Φt Pn (kip)													
L SAE - 6X6X0.875	74.38	0.9D + 1.0W 45°	36.0	58	315.25	0.00	0.00				0	0	23	Member
H DAE - 2.5X2.5X0.25	7.98	1.2D + 1.0W N	36.0	58	77.11	0.00	0.00	0.00			0	0	10	Member
D DAE - 2.5X2.5X0.25	11.60	0.9D + 1.0W N	36.0	58	77.11	0.00	0.00	0.00			0	0	15	Member

Max Splice Forces	Pu (kip)	Load Case	ΦRnt (kip)	Use %	Num Bolts	Bolt Type
Top Tension	74.49	0.9D + 1.0W 135°	0.00	0	0	
Bot Tension	85.15	0.9D + 1.0W 135°	0.00	0	0	

Section 5 – Base 87.5 (ft) and Height 25.00 (ft)

Max Compression	Pu (kip) Load Case		Len (ft)	Bracing %			KL/R	F'y (ksi)	Φc Pn (kip)	Shear	Bear	# Bolt	# Hole	Use %	Controls
	ΦRnv (kip)	ΦRn (kip)													
L SAE - 6X6X0.75	-96.22	1.2D + 1.0W 45°	12.549	50	50	50	64.35	36.0	264.27	0.00	0.00	0	0	36	Member Z
H DAE - 2.5X2.5X0.25	-7.14	1.2D + 1.0W N	9.971	100	100	20	147.16	36.0	31.46	0.00	0.00	0	0	22	Member X
D DAE - 2.5X2.5X0.25	-12.40	1.2D + 1.0W N	16.507	50	100	12	162.80	36.0	25.70	0.00	0.00	0	0	48	Member Y

Max Tension Member	Pu (kip) Load Case		Fy (ksi)	Fu (ksi)	Φc Pn (kip)	ΦRnv (kip)	ΦRn (kip)	Shear	Bear	Blk Shear	# Bolt	# Hole	Use %	Controls
	Φt Pn (kip)													
L SAE - 6X6X0.75	63.68	0.9D + 1.0W 135°	36.0	58	273.46	0.00	0.00				0	0	23	Member
H DAE - 2.5X2.5X0.25	7.40	1.2D + 1.0W N	36.0	58	77.11	0.00	0.00	0.00			0	0	9	Member
D DAE - 2.5X2.5X0.25	11.33	1.2D + 1.0W N	36.0	58	77.11	0.00	0.00	0.00			0	0	14	Member

Max Splice Forces	Pu (kip)	Load Case	ΦRnt (kip)	Use %	Num Bolts	Bolt Type
Top Tension	52.93	0.9D + 1.0W 135°	0.00	0	0	
Bot Tension	74.49	0.9D + 1.0W 135°	0.00	0	0	

Section 6 – Base 112.5 (ft) and Height 12.50 (ft)

Max Compression	Pu (kip) Load Case		Len (ft)	Bracing %			KL/R	F'y (ksi)	Φc Pn (kip)	Shear	Bear	# Bolt	# Hole	Use %	Controls
	ΦRnv (kip)	ΦRn (kip)													
L SAE - 6X6X0.5625	-66.63	1.2D + 1.0W 135°	12.549	50	50	50	63.81	36.0	201.85	0.00	0.00	0	0	33	Member Z
H DAE - 2.5X2.5X0.25	-6.08	1.2D + 1.0W N	8.408	100	100	25	128.58	36.0	41.21	0.00	0.00	0	0	14	Member X
D DAL - 2.5X2X0.25	-11.75	1.2D + 1.0W N	15.534	50	100	12	188.07	36.0	17.24	0.00	0.00	0	0	68	Member Y

Max Tension Member	Pu (kip) Load Case		Fy (ksi)	Fu (ksi)	Φc Pn (kip)	ΦRnv (kip)	ΦRn (kip)	Shear	Bear	Blk Shear	# Bolt	# Hole	Use %	Controls
	Φt Pn (kip)													
L SAE - 6X6X0.5625	41.75	0.9D + 1.0W 135°	36.0	58	208.33	0.00	0.00				0	0	20	Member
H DAE - 2.5X2.5X0.25	6.38	1.2D + 1.0W N	36.0	58	77.11	0.00	0.00	0.00			0	0	8	Member
D DAL - 2.5X2X0.25	10.88	1.2D + 1.0W N	36.0	58	69.01	0.00	0.00	0.00			0	0	15	Member

Max Splice Forces	Pu (kip)	Load Case	ΦRnt (kip)	Use %	Num Bolts	Bolt Type
Top Tension	41.22	0.9D + 1.0W 135°	0.00	0	0	
Bot Tension	52.93	0.9D + 1.0W 135°	0.00	0	0	

FORCE/STRESS SUMMARY

Section 7 – Base 125.0 (ft) and Height 12.50 (ft)

Max Compression	Pu		Len (ft)	Bracing %			KL/R	F _y (ksi)	Φ _c P _n (kip)	Shear		Bear		# Bolt	# Hole	Use % Controls
	(kip)	Load Case		X	Y	Z				Φ _{R_{nv}} (kip)	Φ _{R_n} (kip)					
L SAE - 6X6X0.5625	-50.77	1.2D + 1.0W 45°	12.549	50	50	50	63.81	36.0	201.85	0.00	0.00	0	0	25	Member Z	
H DAE - 2.5X2.5X0.25	-5.82	1.2D + 1.0W N	7.626	100	120	25	119.01	36.0	47.52	0.00	0.00	0	0	12	Member X	
D DAL - 2.5X2X0.25	-11.75	1.2D + 1.0W N	15.085	50	100	12	183.42	36.0	18.12	0.00	0.00	0	0	64	Member Y	

Max Tension Member	Pu		F _y (ksi)	F _u (ksi)	Φ _c P _n (kip)	Φ _{R_{nv}} (kip)	Φ _{R_n} (kip)	Blk Shear		# Bolt	# Hole	Use % Controls	
	(kip)	Load Case						Φ _t P _n (kip)	Φ _t P _n (kip)				
L SAE - 6X6X0.5625	29.66	0.9D + 1.0W 135°	36.0	58	208.33	0.00	0.00	0.00	0.00	0	0	14	Member
H DAE - 2.5X2.5X0.25	5.95	1.2D + 1.0W N	36.0	58	77.11	0.00	0.00	0.00	0.00	0	0	7	Member
D DAL - 2.5X2X0.25	10.93	1.2D + 1.0W N	36.0	58	69.01	0.00	0.00	0.00	0.00	0	0	15	Member

Max Splice Forces	Pu (kip)	Load Case	Φ _{R_{nt}} (kip)	Use %	Num Bolts	Bolt Type
Top Tension	29.20	0.9D + 1.0W 135°	0.00	0	0	
Bot Tension	41.22	0.9D + 1.0W 135°	0.00	0	0	

Section 8 – Base 137.5 (ft) and Height 12.50 (ft)

Max Compression	Pu		Len (ft)	Bracing %			KL/R	F _y (ksi)	Φ _c P _n (kip)	Shear		Bear		# Bolt	# Hole	Use % Controls
	(kip)	Load Case		X	Y	Z				Φ _{R_{nv}} (kip)	Φ _{R_n} (kip)					
L SAE - 6X6X0.4375	-37.05	1.2D + 1.0W 135°	12.549	50	50	50	63.27	36.0	159.23	0.00	0.00	0	0	23	Member Z	
H DAE - 2.5X2.5X0.25	-4.50	1.2D + 1.0W N	6.845	100	107	25	106.81	36.0	54.94	0.00	0.00	0	0	8	Member X	
D DAL - 2.5X2X0.25	-10.74	1.2D + 1.0W N	14.664	50	100	12	179.07	36.0	19.01	0.00	0.00	0	0	56	Member Y	

Max Tension Member	Pu		F _y (ksi)	F _u (ksi)	Φ _c P _n (kip)	Φ _{R_{nv}} (kip)	Φ _{R_n} (kip)	Blk Shear		# Bolt	# Hole	Use % Controls	
	(kip)	Load Case						Φ _t P _n (kip)	Φ _t P _n (kip)				
L SAE - 6X6X0.4375	18.24	0.9D + 1.0W 135°	36.0	58	163.94	0.00	0.00	0.00	0.00	0	0	11	Member
H DAE - 2.5X2.5X0.25	5.57	1.2D + 1.0W N	36.0	58	77.11	0.00	0.00	0.00	0.00	0	0	7	Member
D DAL - 2.5X2X0.25	10.05	1.2D + 1.0W N	36.0	58	69.01	0.00	0.00	0.00	0.00	0	0	14	Member

Max Splice Forces	Pu (kip)	Load Case	Φ _{R_{nt}} (kip)	Use %	Num Bolts	Bolt Type
Top Tension	17.82	0.9D + 1.0W 135°	0.00	0	0	
Bot Tension	29.20	0.9D + 1.0W 135°	0.00	0	0	

Section 9 – Base 150.0 (ft) and Height 10.17 (ft)

Max Compression	Pu		Len (ft)	Bracing %			KL/R	F _y (ksi)	Φ _c P _n (kip)	Shear		Bear		# Bolt	# Hole	Use % Controls
	(kip)	Load Case		X	Y	Z				Φ _{R_{nv}} (kip)	Φ _{R_n} (kip)					
L SAE - 5X5X0.4375	-28.31	1.2D + 1.0W 135°	10.206	50	50	50	62.11	36.0	132.23	0.00	0.00	0	0	21	Member Z	
H SAU - 3X2.5X0.25	-0.98	0.9D + 1.0W 90°	12.418	50	100	50	167.91	36.0	13.30	0.00	0.00	0	0	7	Member Y	
D SAE - 3.5x3.5x0.25	-6.08	1.2D + 1.0W 90°	16.558	50	50	50	138.63	36.0	25.17	0.00	0.00	0	0	24	Member Z	

Max Tension Member	Pu		F _y (ksi)	F _u (ksi)	Φ _c P _n (kip)	Φ _{R_{nv}} (kip)	Φ _{R_n} (kip)	Blk Shear		# Bolt	# Hole	Use % Controls	
	(kip)	Load Case						Φ _t P _n (kip)	Φ _t P _n (kip)				
L SAE - 5X5X0.4375	13.65	0.9D + 1.0W 45°	36.0	58	135.43	0.00	0.00	0.00	0.00	0	0	10	Member
H SAU - 3X2.5X0.25	2.14	1.2D + 1.0W N	36.0	58	42.44	0.00	0.00	0.00	0.00	0	0	5	Member
D SAE - 3.5x3.5x0.25	4.46	0.9D + 1.0W N	36.0	58	54.76	0.00	0.00	0.00	0.00	0	0	8	Member

Max Splice Forces	Pu (kip)	Load Case	Φ _{R_{nt}} (kip)	Use %	Num Bolts	Bolt Type
Top Tension	9.36	0.9D + 1.0W 135°	0.00	0	0	
Bot Tension	17.82	0.9D + 1.0W 135°	0.00	0	0	

FORCE/STRESS SUMMARY

Section 10 – Base 160.2 (ft) and Height 10.17 (ft)

Max Compression	Pu		Len (ft)	Bracing %				F _y (ksi)	Shear		Bear		# Bolt	# Hole	Use %	Controls
	(kip)	Load Case		X	Y	Z	KL/R		Φ _c P _n (kip)	ΦR _{nv} (kip)	ΦR _n (kip)					
L SAE - 5X5X0.4375	-18.66	1.2D + 1.0W 135°	10.206	50	50	50	62.11	36.0	132.23	0.00	0.00	0	0	14	Member Z	
H DAL - 3X2.5X0.25	-0.53	0.9D + 1.0W 90°	11.147	50	100	50	172.39	36.0	25.33	0.00	0.00	0	0	2	Member Y	
D SAE - 3.5x3.5x0.25	-4.75	1.2D + 1.0W N	15.576	50	50	50	132.10	36.0	27.72	0.00	0.00	0	0	17	Member Z	

Max Tension Member	Pu		F _y (ksi)	F _u (ksi)	Φ _c P _n (kip)	Shear		Bear		Blk Shear		# Bolt	# Hole	Use %	Controls
	(kip)	Load Case				ΦR _{nv} (kip)	ΦR _n (kip)	Φ _t P _n (kip)							
L SAE - 5X5X0.4375	6.85	0.9D + 1.0W 45°	36.0	58	135.43	0.00	0.00					0	0	5	Member
H DAL - 3X2.5X0.25	1.29	1.2D + 1.0W N	36.0	58	85.21	0.00	0.00	0.00				0	0	1	Member
D SAE - 3.5x3.5x0.25	3.33	0.9D + 1.0W N	36.0	58	54.76	0.00	0.00	0.00				0	0	6	Member

Max Splice Forces	Pu		ΦR _{nt} (kip)	Use %	Num Bolts	Bolt Type
	(kip)	Load Case				
Top Tension	2.75	0.9D + 1.0W 135°	0.00	0	0	
Bot Tension	9.36	0.9D + 1.0W 135°	0.00	0	0	

Section 11 – Base 170.3 (ft) and Height 8.58 (ft)

Max Compression	Pu		Len (ft)	Bracing %				F _y (ksi)	Shear		Bear		# Bolt	# Hole	Use %	Controls
	(kip)	Load Case		X	Y	Z	KL/R		Φ _c P _n (kip)	ΦR _{nv} (kip)	ΦR _n (kip)					
L SAE - 5X5X0.3125	-9.46	1.2D + 1.0W 45°	8.617	50	50	50	52.01	35.9	99.52	0.00	0.00	0	0	9	Member Z	
H SAU - 3X2.5X0.25	-0.01	1.2D + 1.0W N	10.074	50	100	50	144.93	36.0	17.85	0.00	0.00	0	0	0	Member Y	
D SAE - 3X3X0.25	-2.87	1.2D + 1.0W N	13.658	50	50	50	134.08	36.0	22.93	0.00	0.00	0	0	12	Member Z	

Max Tension Member	Pu		F _y (ksi)	F _u (ksi)	Φ _c P _n (kip)	Shear		Bear		Blk Shear		# Bolt	# Hole	Use %	Controls
	(kip)	Load Case				ΦR _{nv} (kip)	ΦR _n (kip)	Φ _t P _n (kip)							
L SAE - 5X5X0.3125	3.16	0.9D + 1.0W 45°	36.0	58	98.17	0.00	0.00					0	0	3	Member
H SAU - 3X2.5X0.25	0.91	1.2D + 1.0W 90°	36.0	58	42.44	0.00	0.00	0.00				0	0	2	Member
D SAE - 3X3X0.25	1.90	1.2D + 1.0W N	36.0	58	46.66	0.00	0.00	0.00				0	0	4	Member

Max Splice Forces	Pu		ΦR _{nt} (kip)	Use %	Num Bolts	Bolt Type
	(kip)	Load Case				
Top Tension	1.04	0.9D + 1.0W 135°	0.00	0	0	
Bot Tension	2.75	0.9D + 1.0W 135°	0.00	0	0	

Section 12 – Base 178.9 (ft) and Height 8.58 (ft)

Max Compression	Pu		Len (ft)	Bracing %				F _y (ksi)	Shear		Bear		# Bolt	# Hole	Use %	Controls
	(kip)	Load Case		X	Y	Z	KL/R		Φ _c P _n (kip)	ΦR _{nv} (kip)	ΦR _n (kip)					
L SAE - 5X5X0.3125	-5.08	1.2D + 1.0W 45°	8.617	50	50	50	52.01	35.9	99.52	0.00	0.00	0	0	5	Member Z	
H CHN - C8 x 11.5	-0.22	1.2D + 1.0W N	9.001	100	100	100	160.28	36.0	37.66	0.00	0.00	0	0	0	Member Y	
D SAE - 3X3X0.25	-2.67	1.2D + 1.0W N	12.842	50	50	50	127.78	36.0	25.24	0.00	0.00	0	0	10	Member Z	

Max Tension Member	Pu		F _y (ksi)	F _u (ksi)	Φ _c P _n (kip)	Shear		Bear		Blk Shear		# Bolt	# Hole	Use %	Controls
	(kip)	Load Case				ΦR _{nv} (kip)	ΦR _n (kip)	Φ _t P _n (kip)							
H CHN - C8 x 11.5	0.14	1.2D + 1.0W N	36.0	58	109.51	0.00	0.00	0.00				0	0	0	Member
D SAE - 3X3X0.25	1.48	1.2D + 1.0W N	36.0	58	46.66	0.00	0.00	0.00				0	0	3	Member

Max Splice Forces	Pu		ΦR _{nt} (kip)	Use %	Num Bolts	Bolt Type
	(kip)	Load Case				
Bot Tension	1.04	0.9D + 1.0W 135°	0.00	0	0	

DETAILED REACTIONS

Load Case	Radius (ft)	Elevation (ft)	Azimuth (deg)	Node	*(-) Uplift and (+) Down		
					*Fx (kip)	*Fy (kip)	*Fz (kip)
1.2D + 1.0W Normal	22.94	0.00	45	1	-9.93	155.07	-20.19
	22.94	0.00	135	1a	4.82	-85.03	-15.16
	22.94	0.00	225	1b	-5.06	-85.68	-14.95
1.2D + 1.0W 45°	22.94	0.00	315	1c	10.17	154.39	-19.90
	22.94	0.00	45	1	-20.98	213.99	-21.36
	22.94	0.00	135	1a	-10.24	35.35	-5.08
1.2D + 1.0W 90°	22.94	0.00	225	1b	-16.35	-144.59	-16.05
	22.94	0.00	315	1c	-4.77	34.02	-9.85
	22.94	0.00	45	1	-19.90	155.07	-10.22
1.2D + 1.0W 135°	22.94	0.00	135	1a	-20.19	155.72	9.97
	22.94	0.00	225	1b	-15.16	-85.68	-4.86
	22.94	0.00	315	1c	-14.95	-86.35	5.11
1.2D + 1.0W 180°	22.94	0.00	45	1	-10.03	34.69	4.91
	22.94	0.00	135	1a	-21.19	214.64	21.19
	22.94	0.00	225	1b	-4.91	34.69	10.03
1.2D + 1.0W 225°	22.94	0.00	315	1c	-16.22	-145.27	16.22
	22.94	0.00	45	1	4.86	-85.68	15.16
	22.94	0.00	135	1a	-9.97	155.72	20.19
1.2D + 1.0W 270°	22.94	0.00	225	1b	10.22	155.07	19.90
	22.94	0.00	315	1c	-5.11	-86.35	14.95
	22.94	0.00	45	1	16.05	-144.59	16.35
1.2D + 1.0W 315°	22.94	0.00	135	1a	5.08	35.35	10.24
	22.94	0.00	225	1b	21.36	213.99	20.98
	22.94	0.00	315	1c	9.85	34.02	4.77
0.9D + 1.0W Normal	22.94	0.00	45	1	14.95	-85.68	5.06
	22.94	0.00	135	1a	15.16	-85.03	-4.82
	22.94	0.00	225	1b	20.19	155.07	9.93
0.9D + 1.0W 45°	22.94	0.00	315	1c	19.90	154.39	-10.17
	22.94	0.00	45	1	4.95	34.69	-10.07
	22.94	0.00	135	1a	16.18	-143.94	-16.18
0.9D + 1.0W 90°	22.94	0.00	225	1b	10.07	34.69	-4.95
	22.94	0.00	315	1c	21.15	213.31	-21.15
	22.94	0.00	45	1	-9.29	146.32	-19.55
0.9D + 1.0W 135°	22.94	0.00	135	1a	5.46	-93.78	-15.80
	22.94	0.00	225	1b	-5.70	-94.27	-15.59
	22.94	0.00	315	1c	9.54	145.81	-19.27
0.9D + 1.0W 180°	22.94	0.00	45	1	-20.34	205.19	-20.71
	22.94	0.00	135	1a	-9.60	26.51	-5.73
	22.94	0.00	225	1b	-16.99	-153.14	-16.68
0.9D + 1.0W 225°	22.94	0.00	315	1c	-5.41	25.51	-9.23
	22.94	0.00	45	1	-19.27	146.31	-9.57
	22.94	0.00	135	1a	-19.54	146.80	9.32
0.9D + 1.0W 270°	22.94	0.00	225	1b	-15.80	-94.27	-5.49
	22.94	0.00	315	1c	-15.59	-94.78	5.73
	22.94	0.00	45	1	-9.40	26.02	5.55
0.9D + 1.0W 315°	22.94	0.00	135	1a	-20.54	205.68	20.54
	22.94	0.00	225	1b	-5.55	26.02	9.40
	22.94	0.00	315	1c	-16.85	-153.65	16.85
1.2D + 1.0Di + 1.0Wi Normal	22.94	0.00	45	1	5.49	-94.27	15.80
	22.94	0.00	135	1a	-9.32	146.80	19.54
	22.94	0.00	225	1b	9.57	146.31	19.27
1.2D + 1.0Di + 1.0Wi 45°	22.94	0.00	315	1c	-5.73	-94.78	15.59
	22.94	0.00	45	1	16.68	-153.14	16.99
	22.94	0.00	135	1a	5.73	26.51	9.60
1.2D + 1.0Di + 1.0Wi 90°	22.94	0.00	225	1b	20.71	205.19	20.34
	22.94	0.00	315	1c	9.23	25.51	5.41
	22.94	0.00	45	1	15.59	-94.27	5.70
1.2D + 1.0Di + 1.0Wi 135°	22.94	0.00	135	1a	15.80	-93.78	-5.46
	22.94	0.00	225	1b	19.55	146.32	9.29
	22.94	0.00	315	1c	19.27	145.81	-9.54
1.2D + 1.0Di + 1.0Wi 180°	22.94	0.00	45	1	5.58	26.02	-9.43
	22.94	0.00	135	1a	16.82	-152.66	-16.82
	22.94	0.00	225	1b	9.43	26.02	-5.58
1.2D + 1.0Di + 1.0Wi 225°	22.94	0.00	315	1c	20.51	204.68	-20.51
	22.94	0.00	45	1	-6.68	98.01	-9.99
	22.94	0.00	135	1a	-2.23	25.75	-1.01
1.2D + 1.0Di + 1.0Wi 270°	22.94	0.00	225	1b	2.16	24.49	-1.02
	22.94	0.00	315	1c	6.75	96.71	-9.84

DETAILED REACTIONS

Load Case	Radius (ft)	Elevation (ft)	Azimuth (deg)	Node	*(-) Uplift and (+) Down		
					*Fx (kip)	*Fy (kip)	*Fz (kip)
1.2D + 1.0Di + 1.0Wi 45°	22.94	0.00	45	1	-10.17	116.32	-10.34
	22.94	0.00	135	1a	-6.90	62.51	2.09
	22.94	0.00	225	1b	-1.36	6.18	-1.36
1.2D + 1.0Di + 1.0Wi 90°	22.94	0.00	315	1c	2.10	59.94	-6.73
	22.94	0.00	45	1	-9.84	98.01	-6.83
	22.94	0.00	135	1a	-9.98	99.28	6.76
1.2D + 1.0Di + 1.0Wi 135°	22.94	0.00	225	1b	-1.01	24.49	2.15
	22.94	0.00	315	1c	-1.03	23.18	-2.08
	22.94	0.00	45	1	-6.78	61.25	-2.13
1.2D + 1.0Di + 1.0Wi 180°	22.94	0.00	135	1a	-10.30	117.58	10.30
	22.94	0.00	225	1b	2.13	61.25	6.78
	22.94	0.00	315	1c	-1.40	4.88	1.40
1.2D + 1.0Di + 1.0Wi 225°	22.94	0.00	45	1	-2.15	24.49	1.01
	22.94	0.00	135	1a	-6.76	99.28	9.98
	22.94	0.00	225	1b	6.83	98.01	9.84
1.2D + 1.0Di + 1.0Wi 270°	22.94	0.00	315	1c	2.08	23.18	1.03
	22.94	0.00	45	1	1.36	6.18	1.36
	22.94	0.00	135	1a	-2.09	62.51	6.90
1.2D + 1.0Di + 1.0Wi 315°	22.94	0.00	225	1b	10.34	116.32	10.17
	22.94	0.00	315	1c	6.73	59.94	-2.10
	22.94	0.00	45	1	1.02	24.49	-2.16
1.2D + 1.0Ev + 1.0Eh Normal	22.94	0.00	135	1a	1.01	25.75	2.23
	22.94	0.00	225	1b	9.99	98.01	6.68
	22.94	0.00	315	1c	9.84	96.71	-6.75
1.2D + 1.0Ev + 1.0Eh 45°	22.94	0.00	45	1	-2.05	61.25	-6.86
	22.94	0.00	135	1a	1.32	7.44	-1.32
	22.94	0.00	225	1b	6.86	61.25	2.05
1.2D + 1.0Ev + 1.0Eh 90°	22.94	0.00	315	1c	10.22	115.01	-10.22
	22.94	0.00	45	1	-3.56	48.75	-4.31
	22.94	0.00	135	1a	-1.75	19.92	1.00
1.2D + 1.0Ev + 1.0Eh 135°	22.94	0.00	225	1b	1.75	19.92	1.00
	22.94	0.00	315	1c	3.56	48.75	-4.31
	22.94	0.00	45	1	-4.46	54.72	-4.46
1.2D + 1.0Ev + 1.0Eh 180°	22.94	0.00	135	1a	-3.19	34.33	2.13
	22.94	0.00	225	1b	0.85	13.95	0.85
	22.94	0.00	315	1c	2.13	34.33	-3.19
1.2D + 1.0Ev + 1.0Eh 225°	22.94	0.00	45	1	-4.31	48.75	-3.56
	22.94	0.00	135	1a	-4.31	48.75	3.56
	22.94	0.00	225	1b	1.00	19.92	1.75
1.2D + 1.0Ev + 1.0Eh 270°	22.94	0.00	315	1c	1.00	19.92	-1.75
	22.94	0.00	45	1	-3.19	34.33	-2.13
	22.94	0.00	135	1a	-4.46	54.72	4.46
1.2D + 1.0Ev + 1.0Eh 315°	22.94	0.00	225	1b	2.13	34.33	3.19
	22.94	0.00	315	1c	0.85	13.95	-0.85
	22.94	0.00	45	1	-1.75	19.92	-1.00
0.9D - 1.0Ev + 1.0Eh Normal	22.94	0.00	135	1a	-3.56	48.75	4.31
	22.94	0.00	225	1b	3.56	48.75	4.31
	22.94	0.00	315	1c	1.75	19.92	-1.00
0.9D - 1.0Ev + 1.0Eh 45°	22.94	0.00	45	1	-0.85	13.95	-0.85
	22.94	0.00	135	1a	-2.13	34.33	3.19
	22.94	0.00	225	1b	4.46	54.72	4.46
0.9D - 1.0Ev + 1.0Eh 90°	22.94	0.00	315	1c	3.19	34.33	-2.13
	22.94	0.00	45	1	-1.00	19.92	-1.75
	22.94	0.00	135	1a	-1.00	19.92	1.75
0.9D - 1.0Ev + 1.0Eh 135°	22.94	0.00	225	1b	4.31	48.75	3.56
	22.94	0.00	315	1c	4.31	48.75	-3.56
	22.94	0.00	45	1	-2.13	34.33	-3.19
0.9D - 1.0Ev + 1.0Eh 180°	22.94	0.00	135	1a	-0.85	13.95	0.85
	22.94	0.00	225	1b	3.19	34.33	2.13
	22.94	0.00	315	1c	4.46	54.72	-4.46
0.9D - 1.0Ev + 1.0Eh 225°	22.94	0.00	45	1	-2.71	37.85	-3.46
	22.94	0.00	135	1a	-0.91	9.05	0.16
	22.94	0.00	225	1b	0.91	9.05	0.16
0.9D - 1.0Ev + 1.0Eh 270°	22.94	0.00	315	1c	2.71	37.85	-3.46
	22.94	0.00	45	1	-3.62	43.81	-3.62
	22.94	0.00	135	1a	-2.34	23.45	1.28
0.9D - 1.0Ev + 1.0Eh 315°	22.94	0.00	225	1b	0.01	3.09	0.01
	22.94	0.00	315	1c	1.28	23.45	-2.34

DETAILED REACTIONS

Load Case	Radius (ft)	Elevation (ft)	Azimuth (deg)	Node	*(-) Uplift and (+) Down		
					*Fx (kip)	*Fy (kip)	*Fz (kip)
0.9D - 1.0Ev + 1.0Eh 90°	22.94	0.00	45	1	-3.46	37.85	-2.71
	22.94	0.00	135	1a	-3.46	37.85	2.71
	22.94	0.00	225	1b	0.16	9.05	0.91
0.9D - 1.0Ev + 1.0Eh 135°	22.94	0.00	315	1c	0.16	9.05	-0.91
	22.94	0.00	45	1	-2.34	23.45	-1.28
	22.94	0.00	135	1a	-3.62	43.81	3.62
0.9D - 1.0Ev + 1.0Eh 180°	22.94	0.00	225	1b	1.28	23.45	2.34
	22.94	0.00	315	1c	0.01	3.09	-0.01
	22.94	0.00	45	1	-0.91	9.05	-0.16
0.9D - 1.0Ev + 1.0Eh 225°	22.94	0.00	135	1a	-2.71	37.85	3.46
	22.94	0.00	225	1b	2.71	37.85	3.46
	22.94	0.00	315	1c	0.91	9.05	-0.16
0.9D - 1.0Ev + 1.0Eh 270°	22.94	0.00	45	1	-0.01	3.09	-0.01
	22.94	0.00	135	1a	-1.28	23.45	2.34
	22.94	0.00	225	1b	3.62	43.81	3.62
0.9D - 1.0Ev + 1.0Eh 315°	22.94	0.00	315	1c	2.34	23.45	-1.28
	22.94	0.00	45	1	-0.16	9.05	-0.91
	22.94	0.00	135	1a	-0.16	9.05	0.91
1.0D + 1.0W Service Normal	22.94	0.00	225	1b	3.46	37.85	2.71
	22.94	0.00	315	1c	3.46	37.85	-2.71
	22.94	0.00	45	1	-1.28	23.45	-2.34
1.0D + 1.0W Service 45°	22.94	0.00	225	1b	2.34	23.45	1.28
	22.94	0.00	315	1c	3.62	43.81	-3.62
	22.94	0.00	45	1	-4.13	61.70	-6.98
1.0D + 1.0W Service 90°	22.94	0.00	135	1a	-0.13	-3.33	-2.70
	22.94	0.00	225	1b	0.07	-3.88	-2.67
	22.94	0.00	315	1c	4.19	61.14	-6.88
1.0D + 1.0W Service 135°	22.94	0.00	45	1	-7.17	77.75	-7.30
	22.94	0.00	135	1a	-4.25	29.46	0.04
	22.94	0.00	225	1b	-3.02	-19.92	-2.96
1.0D + 1.0W Service 180°	22.94	0.00	315	1c	0.10	28.35	-4.12
	22.94	0.00	45	1	-6.88	61.70	-4.23
	22.94	0.00	135	1a	-6.98	62.25	4.16
1.0D + 1.0W Service 225°	22.94	0.00	225	1b	-2.70	-3.88	0.10
	22.94	0.00	315	1c	-2.67	-4.44	-0.03
	22.94	0.00	45	1	-4.17	28.91	-0.09
1.0D + 1.0W Service 270°	22.94	0.00	135	1a	-7.25	78.29	7.25
	22.94	0.00	225	1b	0.09	28.91	4.17
	22.94	0.00	315	1c	-3.00	-20.48	3.00
1.0D + 1.0W Service 315°	22.94	0.00	45	1	-0.10	-3.88	2.70
	22.94	0.00	135	1a	-4.16	62.25	6.98
	22.94	0.00	225	1b	4.23	61.70	6.88
1.2D + 1.0W 135°	22.94	0.00	315	1c	0.03	-4.44	2.67
	22.94	0.00	45	1	2.96	-19.92	3.02
	22.94	0.00	135	1a	-0.04	29.46	4.25
1.2D + 1.0W 180°	22.94	0.00	225	1b	7.30	77.75	7.17
	22.94	0.00	315	1c	4.12	28.35	-0.10
	22.94	0.00	45	1	2.67	-3.88	-0.07
1.2D + 1.0W 225°	22.94	0.00	135	1a	2.70	-3.33	0.13
	22.94	0.00	225	1b	6.98	61.70	4.13
	22.94	0.00	315	1c	6.88	61.14	-4.19
1.2D + 1.0W 270°	22.94	0.00	45	1	-0.05	28.91	-4.21
	22.94	0.00	135	1a	2.97	-19.38	-2.97
	22.94	0.00	225	1b	4.21	28.91	0.05
1.2D + 1.0W 315°	22.94	0.00	315	1c	7.22	77.18	-7.22

Max Uplift:	153.65 (kip)	Moment Ice:	2585.79 (kip-ft)	Moment:	8257.13 (kip-ft)
Max Down:	214.64 (kip)	Total Down Ice:	244.96 (kip)	Total Down:	138.76 (kip)
Max Shear:	29.97 (kip)	Total Shear Ice:	23.12 (kip)	Total Shear:	74.02(kip)

DEFLECTIONS AND ROTATIONS

Load Case	Elevation (ft)	Deflection (ft)	Twist (deg)	Sway (deg)	Resultant (deg)
1.2D + 1.0W Normal 115 mph wind with no ice	50.00	0.0407	0.0049	0.0773	0.0775
1.2D + 1.0W Normal 115 mph wind with no ice	75.00	0.0796	0.0059	0.0923	0.0925
1.2D + 1.0W Normal 115 mph wind with no ice	87.50	0.1	0.0062	0.0970	0.0972
1.2D + 1.0W Normal 115 mph wind with no ice	100.00	0.123	0.0070	0.1108	0.111
1.2D + 1.0W Normal 115 mph wind with no ice	112.50	0.1485	0.0077	0.1223	0.1225
1.2D + 1.0W Normal 115 mph wind with no ice	125.00	0.1771	0.0087	0.1376	0.1379
1.2D + 1.0W Normal 115 mph wind with no ice	137.50	0.2086	0.0094	0.1488	0.1491
1.2D + 1.0W Normal 115 mph wind with no ice	150.00	0.2419	0.0096	0.1530	0.1533
1.2D + 1.0W Normal 115 mph wind with no ice	160.17	0.2693	-0.0099	0.1559	0.1562
1.2D + 1.0W Normal 115 mph wind with no ice	170.33	0.2972	0.0101	0.1595	0.1598
1.2D + 1.0W Normal 115 mph wind with no ice	187.50	0.3452	0.0102	0.1620	0.1623
1.2D + 1.0W 45° 115 mph wind with no ice	50.00	0.0433	0.0073	0.0823	0.0826
1.2D + 1.0W 45° 115 mph wind with no ice	75.00	0.0845	0.0087	0.0980	0.0984
1.2D + 1.0W 45° 115 mph wind with no ice	87.50	0.1061	0.0091	0.1029	0.1033
1.2D + 1.0W 45° 115 mph wind with no ice	100.00	0.1305	0.0104	0.1175	0.1179
1.2D + 1.0W 45° 115 mph wind with no ice	112.50	0.1576	0.0115	0.1298	0.1303
1.2D + 1.0W 45° 115 mph wind with no ice	125.00	0.188	0.0129	0.1460	0.1466
1.2D + 1.0W 45° 115 mph wind with no ice	137.50	0.2215	0.0140	0.1579	0.1586
1.2D + 1.0W 45° 115 mph wind with no ice	150.00	0.2569	0.0143	0.1641	0.1641
1.2D + 1.0W 45° 115 mph wind with no ice	160.17	0.2859	-0.0148	0.1669	0.1676
1.2D + 1.0W 45° 115 mph wind with no ice	170.33	0.3159	-0.0151	0.1712	0.1719
1.2D + 1.0W 45° 115 mph wind with no ice	187.50	0.3673	-0.0153	0.1734	0.1738
1.2D + 1.0W 90° 115 mph wind with no ice	50.00	0.0407	0.0049	0.0774	0.0776
1.2D + 1.0W 90° 115 mph wind with no ice	75.00	0.0796	0.0059	0.0928	0.093
1.2D + 1.0W 90° 115 mph wind with no ice	87.50	0.1002	0.0062	0.0979	0.098
1.2D + 1.0W 90° 115 mph wind with no ice	100.00	0.1234	0.0071	0.1119	0.1121
1.2D + 1.0W 90° 115 mph wind with no ice	112.50	0.1492	0.0078	0.1236	0.1239
1.2D + 1.0W 90° 115 mph wind with no ice	125.00	0.1781	0.0088	0.1394	0.1397
1.2D + 1.0W 90° 115 mph wind with no ice	137.50	0.2101	0.0096	0.1512	0.1515
1.2D + 1.0W 90° 115 mph wind with no ice	150.00	0.2441	0.0099	0.1564	0.1567
1.2D + 1.0W 90° 115 mph wind with no ice	160.17	0.2722	0.0101	0.1607	0.161
1.2D + 1.0W 90° 115 mph wind with no ice	170.33	0.3009	-0.0104	0.1643	0.1646
1.2D + 1.0W 90° 115 mph wind with no ice	187.50	0.3504	-0.0106	0.1671	0.1674
1.2D + 1.0W 135° 115 mph wind with no ice	50.00	0.0424	0.0072	0.0811	0.0814
1.2D + 1.0W 135° 115 mph wind with no ice	75.00	0.0832	0.0086	0.0973	0.0977
1.2D + 1.0W 135° 115 mph wind with no ice	87.50	0.1048	0.0091	0.1028	0.1032
1.2D + 1.0W 135° 115 mph wind with no ice	100.00	0.1291	0.0104	0.1174	0.1179
1.2D + 1.0W 135° 115 mph wind with no ice	112.50	0.1562	0.0115	0.1298	0.1303
1.2D + 1.0W 135° 115 mph wind with no ice	125.00	0.1866	0.0129	0.1462	0.1467
1.2D + 1.0W 135° 115 mph wind with no ice	137.50	0.2202	0.0140	0.1589	0.1591
1.2D + 1.0W 135° 115 mph wind with no ice	150.00	0.2561	0.0145	0.1665	0.1665
1.2D + 1.0W 135° 115 mph wind with no ice	160.17	0.2861	0.0149	0.1701	0.1701
1.2D + 1.0W 135° 115 mph wind with no ice	170.33	0.3164	0.0153	0.1734	0.1741
1.2D + 1.0W 135° 115 mph wind with no ice	187.50	0.3689	0.0156	0.1767	0.1768
1.2D + 1.0W 180° 115 mph wind with no ice	50.00	0.0407	-0.0049	0.0774	0.0776
1.2D + 1.0W 180° 115 mph wind with no ice	75.00	0.0796	-0.0059	0.0928	0.093
1.2D + 1.0W 180° 115 mph wind with no ice	87.50	0.1002	-0.0062	0.0979	0.098
1.2D + 1.0W 180° 115 mph wind with no ice	100.00	0.1234	-0.0071	0.1119	0.1121
1.2D + 1.0W 180° 115 mph wind with no ice	112.50	0.1492	-0.0078	0.1236	0.1239
1.2D + 1.0W 180° 115 mph wind with no ice	125.00	0.1781	-0.0088	0.1394	0.1397
1.2D + 1.0W 180° 115 mph wind with no ice	137.50	0.2101	-0.0096	0.1512	0.1515
1.2D + 1.0W 180° 115 mph wind with no ice	150.00	0.2441	-0.0099	0.1564	0.1567
1.2D + 1.0W 180° 115 mph wind with no ice	160.17	0.2722	0.0101	0.1607	0.161
1.2D + 1.0W 180° 115 mph wind with no ice	170.33	0.3009	0.0104	0.1643	0.1646
1.2D + 1.0W 180° 115 mph wind with no ice	187.50	0.3504	0.0106	0.1671	0.1674
1.2D + 1.0W 225° 115 mph wind with no ice	50.00	0.0433	-0.0073	0.0823	0.0826
1.2D + 1.0W 225° 115 mph wind with no ice	75.00	0.0845	-0.0087	0.0980	0.0984
1.2D + 1.0W 225° 115 mph wind with no ice	87.50	0.1061	-0.0091	0.1029	0.1033
1.2D + 1.0W 225° 115 mph wind with no ice	100.00	0.1305	-0.0104	0.1175	0.1179
1.2D + 1.0W 225° 115 mph wind with no ice	112.50	0.1576	-0.0115	0.1298	0.1303
1.2D + 1.0W 225° 115 mph wind with no ice	125.00	0.188	-0.0129	0.1460	0.1466
1.2D + 1.0W 225° 115 mph wind with no ice	137.50	0.2215	-0.0140	0.1579	0.1586
1.2D + 1.0W 225° 115 mph wind with no ice	150.00	0.2569	0.0143	0.1641	0.1641
1.2D + 1.0W 225° 115 mph wind with no ice	160.17	0.2859	0.0148	0.1669	0.1676

DEFLECTIONS AND ROTATIONS

Load Case	Elevation (ft)	Deflection (ft)	Twist (deg)	Sway (deg)	Resultant (deg)
1.2D + 1.0W 225° 115 mph wind with no ice	170.33	0.3159	0.0151	0.1712	0.1719
1.2D + 1.0W 225° 115 mph wind with no ice	187.50	0.3673	0.0153	0.1734	0.1738
1.2D + 1.0W 270° 115 mph wind with no ice	50.00	0.0407	-0.0049	0.0773	0.0775
1.2D + 1.0W 270° 115 mph wind with no ice	75.00	0.0796	-0.0059	0.0923	0.0925
1.2D + 1.0W 270° 115 mph wind with no ice	87.50	0.1	-0.0062	0.0970	0.0972
1.2D + 1.0W 270° 115 mph wind with no ice	100.00	0.123	-0.0070	0.1108	0.111
1.2D + 1.0W 270° 115 mph wind with no ice	112.50	0.1485	-0.0077	0.1223	0.1225
1.2D + 1.0W 270° 115 mph wind with no ice	125.00	0.1771	-0.0087	0.1376	0.1379
1.2D + 1.0W 270° 115 mph wind with no ice	137.50	0.2086	-0.0094	0.1488	0.1491
1.2D + 1.0W 270° 115 mph wind with no ice	150.00	0.2419	-0.0096	0.1530	0.1533
1.2D + 1.0W 270° 115 mph wind with no ice	160.17	0.2693	0.0099	0.1559	0.1562
1.2D + 1.0W 270° 115 mph wind with no ice	170.33	0.2972	0.0101	0.1595	0.1598
1.2D + 1.0W 270° 115 mph wind with no ice	187.50	0.3452	0.0102	0.1620	0.1623
1.2D + 1.0W 315° 115 mph wind with no ice	50.00	0.0425	0.0072	0.0810	0.0813
1.2D + 1.0W 315° 115 mph wind with no ice	75.00	0.0831	0.0085	0.0967	0.097
1.2D + 1.0W 315° 115 mph wind with no ice	87.50	0.1045	0.0090	0.1016	0.102
1.2D + 1.0W 315° 115 mph wind with no ice	100.00	0.1285	0.0103	0.1159	0.1164
1.2D + 1.0W 315° 115 mph wind with no ice	112.50	0.1553	0.0113	0.1279	0.1284
1.2D + 1.0W 315° 115 mph wind with no ice	125.00	0.1851	0.0127	0.1439	0.1442
1.2D + 1.0W 315° 115 mph wind with no ice	137.50	0.2181	0.0137	0.1559	0.1559
1.2D + 1.0W 315° 115 mph wind with no ice	150.00	0.253	0.0141	0.1616	0.1616
1.2D + 1.0W 315° 115 mph wind with no ice	160.17	0.2819	0.0144	0.1633	0.1633
1.2D + 1.0W 315° 115 mph wind with no ice	170.33	0.3111	0.0147	0.1668	0.1674
1.2D + 1.0W 315° 115 mph wind with no ice	187.50	0.3615	0.0149	0.1696	0.1696
0.9D + 1.0W Normal 115 mph wind with no ice	50.00	0.0407	0.0049	0.0772	0.0774
0.9D + 1.0W Normal 115 mph wind with no ice	75.00	0.0795	0.0059	0.0923	0.0924
0.9D + 1.0W Normal 115 mph wind with no ice	87.50	0.1	0.0061	0.0970	0.0972
0.9D + 1.0W Normal 115 mph wind with no ice	100.00	0.1229	0.0070	0.1107	0.111
0.9D + 1.0W Normal 115 mph wind with no ice	112.50	0.1485	0.0077	0.1223	0.1225
0.9D + 1.0W Normal 115 mph wind with no ice	125.00	0.1771	0.0087	0.1376	0.1379
0.9D + 1.0W Normal 115 mph wind with no ice	137.50	0.2086	0.0094	0.1488	0.1492
0.9D + 1.0W Normal 115 mph wind with no ice	150.00	0.242	0.0096	0.1532	0.1535
0.9D + 1.0W Normal 115 mph wind with no ice	160.17	0.2694	-0.0099	0.1562	0.1565
0.9D + 1.0W Normal 115 mph wind with no ice	170.33	0.2974	-0.0101	0.1598	0.1601
0.9D + 1.0W Normal 115 mph wind with no ice	187.50	0.3455	0.0102	0.1623	0.1626
0.9D + 1.0W 45° 115 mph wind with no ice	50.00	0.0432	0.0073	0.0822	0.0825
0.9D + 1.0W 45° 115 mph wind with no ice	75.00	0.0844	0.0087	0.0979	0.0983
0.9D + 1.0W 45° 115 mph wind with no ice	87.50	0.1061	0.0091	0.1028	0.1032
0.9D + 1.0W 45° 115 mph wind with no ice	100.00	0.1304	0.0104	0.1173	0.1178
0.9D + 1.0W 45° 115 mph wind with no ice	112.50	0.1575	0.0115	0.1297	0.1302
0.9D + 1.0W 45° 115 mph wind with no ice	125.00	0.1878	0.0129	0.1459	0.1465
0.9D + 1.0W 45° 115 mph wind with no ice	137.50	0.2213	0.0140	0.1578	0.1584
0.9D + 1.0W 45° 115 mph wind with no ice	150.00	0.2567	0.0143	0.1638	0.1638
0.9D + 1.0W 45° 115 mph wind with no ice	160.17	0.2856	-0.0147	0.1667	0.1673
0.9D + 1.0W 45° 115 mph wind with no ice	170.33	0.3157	-0.0151	0.1710	0.1717
0.9D + 1.0W 45° 115 mph wind with no ice	187.50	0.3669	-0.0153	0.1729	0.1736
0.9D + 1.0W 90° 115 mph wind with no ice	50.00	0.0407	0.0049	0.0773	0.0774
0.9D + 1.0W 90° 115 mph wind with no ice	75.00	0.0796	0.0059	0.0926	0.0928
0.9D + 1.0W 90° 115 mph wind with no ice	87.50	0.1001	0.0062	0.0976	0.0978
0.9D + 1.0W 90° 115 mph wind with no ice	100.00	0.1232	0.0071	0.1115	0.1118
0.9D + 1.0W 90° 115 mph wind with no ice	112.50	0.149	0.0078	0.1233	0.1235
0.9D + 1.0W 90° 115 mph wind with no ice	125.00	0.1779	0.0088	0.1390	0.1393
0.9D + 1.0W 90° 115 mph wind with no ice	137.50	0.2098	0.0095	0.1507	0.151
0.9D + 1.0W 90° 115 mph wind with no ice	150.00	0.2436	0.0098	0.1558	0.1561
0.9D + 1.0W 90° 115 mph wind with no ice	160.17	0.2716	-0.0101	0.1599	0.1602
0.9D + 1.0W 90° 115 mph wind with no ice	170.33	0.3002	0.0103	0.1634	0.1637
0.9D + 1.0W 90° 115 mph wind with no ice	187.50	0.3494	-0.0105	0.1660	0.1664
0.9D + 1.0W 135° 115 mph wind with no ice	50.00	0.0424	0.0072	0.0810	0.0814
0.9D + 1.0W 135° 115 mph wind with no ice	75.00	0.0831	0.0086	0.0971	0.0975
0.9D + 1.0W 135° 115 mph wind with no ice	87.50	0.1047	0.0091	0.1025	0.1029
0.9D + 1.0W 135° 115 mph wind with no ice	100.00	0.1289	0.0104	0.1171	0.1176
0.9D + 1.0W 135° 115 mph wind with no ice	112.50	0.156	0.0115	0.1295	0.13
0.9D + 1.0W 135° 115 mph wind with no ice	125.00	0.1862	0.0129	0.1457	0.1463
0.9D + 1.0W 135° 115 mph wind with no ice	137.50	0.2197	0.0140	0.1583	0.1585
0.9D + 1.0W 135° 115 mph wind with no ice	150.00	0.2555	0.0144	0.1656	0.1656
0.9D + 1.0W 135° 115 mph wind with no ice	160.17	0.2853	0.0149	0.1690	0.169
0.9D + 1.0W 135° 115 mph wind with no ice	170.33	0.3154	0.0152	0.1724	0.173
0.9D + 1.0W 135° 115 mph wind with no ice	187.50	0.3676	0.0155	0.1754	0.1756

DEFLECTIONS AND ROTATIONS

Load Case	Elevation (ft)	Deflection (ft)	Twist (deg)	Sway (deg)	Resultant (deg)
0.9D + 1.0W 180° 115 mph wind with no ice	50.00	0.0407	-0.0049	0.0773	0.0774
0.9D + 1.0W 180° 115 mph wind with no ice	75.00	0.0796	-0.0059	0.0926	0.0928
0.9D + 1.0W 180° 115 mph wind with no ice	87.50	0.1001	-0.0062	0.0976	0.0978
0.9D + 1.0W 180° 115 mph wind with no ice	100.00	0.1232	-0.0071	0.1115	0.1118
0.9D + 1.0W 180° 115 mph wind with no ice	112.50	0.149	-0.0078	0.1233	0.1235
0.9D + 1.0W 180° 115 mph wind with no ice	125.00	0.1779	-0.0088	0.1390	0.1393
0.9D + 1.0W 180° 115 mph wind with no ice	137.50	0.2098	-0.0095	0.1507	0.151
0.9D + 1.0W 180° 115 mph wind with no ice	150.00	0.2436	-0.0098	0.1558	0.1561
0.9D + 1.0W 180° 115 mph wind with no ice	160.17	0.2716	0.0101	0.1599	0.1602
0.9D + 1.0W 180° 115 mph wind with no ice	170.33	0.3002	0.0103	0.1634	0.1637
0.9D + 1.0W 180° 115 mph wind with no ice	187.50	0.3494	0.0105	0.1660	0.1664
0.9D + 1.0W 225° 115 mph wind with no ice	50.00	0.0432	-0.0073	0.0822	0.0825
0.9D + 1.0W 225° 115 mph wind with no ice	75.00	0.0844	-0.0087	0.0979	0.0983
0.9D + 1.0W 225° 115 mph wind with no ice	87.50	0.1061	-0.0091	0.1028	0.1032
0.9D + 1.0W 225° 115 mph wind with no ice	100.00	0.1304	-0.0104	0.1173	0.1178
0.9D + 1.0W 225° 115 mph wind with no ice	112.50	0.1575	-0.0115	0.1297	0.1302
0.9D + 1.0W 225° 115 mph wind with no ice	125.00	0.1878	-0.0129	0.1459	0.1465
0.9D + 1.0W 225° 115 mph wind with no ice	137.50	0.2213	-0.0140	0.1578	0.1584
0.9D + 1.0W 225° 115 mph wind with no ice	150.00	0.2567	0.0143	0.1638	0.1638
0.9D + 1.0W 225° 115 mph wind with no ice	160.17	0.2856	0.0147	0.1667	0.1673
0.9D + 1.0W 225° 115 mph wind with no ice	170.33	0.3157	0.0151	0.1710	0.1717
0.9D + 1.0W 225° 115 mph wind with no ice	187.50	0.3669	0.0153	0.1729	0.1736
0.9D + 1.0W 270° 115 mph wind with no ice	50.00	0.0407	-0.0049	0.0772	0.0774
0.9D + 1.0W 270° 115 mph wind with no ice	75.00	0.0795	-0.0059	0.0923	0.0924
0.9D + 1.0W 270° 115 mph wind with no ice	87.50	0.1	-0.0061	0.0970	0.0972
0.9D + 1.0W 270° 115 mph wind with no ice	100.00	0.1229	-0.0070	0.1107	0.111
0.9D + 1.0W 270° 115 mph wind with no ice	112.50	0.1485	-0.0077	0.1223	0.1225
0.9D + 1.0W 270° 115 mph wind with no ice	125.00	0.1771	-0.0087	0.1376	0.1379
0.9D + 1.0W 270° 115 mph wind with no ice	137.50	0.2086	-0.0094	0.1489	0.1492
0.9D + 1.0W 270° 115 mph wind with no ice	150.00	0.242	-0.0096	0.1532	0.1535
0.9D + 1.0W 270° 115 mph wind with no ice	160.17	0.2694	0.0099	0.1562	0.1565
0.9D + 1.0W 270° 115 mph wind with no ice	170.33	0.2974	0.0101	0.1598	0.1601
0.9D + 1.0W 270° 115 mph wind with no ice	187.50	0.3455	0.0102	0.1623	0.1626
0.9D + 1.0W 315° 115 mph wind with no ice	50.00	0.0425	0.0072	0.0809	0.0812
0.9D + 1.0W 315° 115 mph wind with no ice	75.00	0.0831	0.0085	0.0967	0.097
0.9D + 1.0W 315° 115 mph wind with no ice	87.50	0.1045	0.0090	0.1017	0.1021
0.9D + 1.0W 315° 115 mph wind with no ice	100.00	0.1285	0.0103	0.1160	0.1164
0.9D + 1.0W 315° 115 mph wind with no ice	112.50	0.1553	0.0113	0.1280	0.1285
0.9D + 1.0W 315° 115 mph wind with no ice	125.00	0.1852	0.0127	0.1440	0.1443
0.9D + 1.0W 315° 115 mph wind with no ice	137.50	0.2182	0.0137	0.1561	0.1561
0.9D + 1.0W 315° 115 mph wind with no ice	150.00	0.2532	0.0141	0.1620	0.162
0.9D + 1.0W 315° 115 mph wind with no ice	160.17	0.2822	0.0144	0.1638	0.1638
0.9D + 1.0W 315° 115 mph wind with no ice	170.33	0.3115	0.0148	0.1674	0.168
0.9D + 1.0W 315° 115 mph wind with no ice	187.50	0.3621	0.0150	0.1701	0.1701
1.2D + 1.0Di + 1.0Wi Normal 50 mph wind with 1" radial ice	50.00	0.0153	0.0015	0.0248	0.0249
1.2D + 1.0Di + 1.0Wi Normal 50 mph wind with 1" radial ice	75.00	0.0268	0.0018	0.0287	0.0287
1.2D + 1.0Di + 1.0Wi Normal 50 mph wind with 1" radial ice	87.50	0.0327	0.0018	0.0289	0.0289
1.2D + 1.0Di + 1.0Wi Normal 50 mph wind with 1" radial ice	100.00	0.0393	0.0021	0.0327	0.0327
1.2D + 1.0Di + 1.0Wi Normal 50 mph wind with 1" radial ice	112.50	0.0465	0.0023	0.0354	0.0355
1.2D + 1.0Di + 1.0Wi Normal 50 mph wind with 1" radial ice	125.00	0.0544	0.0025	0.0393	0.0393
1.2D + 1.0Di + 1.0Wi Normal 50 mph wind with 1" radial ice	137.50	0.0631	0.0027	0.0413	0.0414
1.2D + 1.0Di + 1.0Wi Normal 50 mph wind with 1" radial ice	150.00	0.0719	0.0027	0.0412	0.0412
1.2D + 1.0Di + 1.0Wi Normal 50 mph wind with 1" radial ice	160.17	0.0788	0.0028	0.0410	0.041
1.2D + 1.0Di + 1.0Wi Normal 50 mph wind with 1" radial ice	170.33	0.0861	-0.0029	0.0420	0.042
1.2D + 1.0Di + 1.0Wi Normal 50 mph wind with 1" radial ice	187.50	0.0982	0.0029	0.0423	0.0424
1.2D + 1.0Di + 1.0Wi 45° 50 mph wind with 1" radial ice	50.00	0.0166	0.0023	0.0264	0.0264
1.2D + 1.0Di + 1.0Wi 45° 50 mph wind with 1" radial ice	75.00	0.0289	0.0027	0.0309	0.0309
1.2D + 1.0Di + 1.0Wi 45° 50 mph wind with 1" radial ice	87.50	0.0352	0.0028	0.0314	0.0314
1.2D + 1.0Di + 1.0Wi 45° 50 mph wind with 1" radial ice	100.00	0.0424	0.0031	0.0358	0.0358
1.2D + 1.0Di + 1.0Wi 45° 50 mph wind with 1" radial ice	112.50	0.0502	0.0034	0.0390	0.039
1.2D + 1.0Di + 1.0Wi 45° 50 mph wind with 1" radial ice	125.00	0.059	0.0038	0.0437	0.0437
1.2D + 1.0Di + 1.0Wi 45° 50 mph wind with 1" radial ice	137.50	0.0686	0.0041	0.0466	0.0466
1.2D + 1.0Di + 1.0Wi 45° 50 mph wind with 1" radial ice	150.00	0.0786	0.0041	0.0477	0.0477
1.2D + 1.0Di + 1.0Wi 45° 50 mph wind with 1" radial ice	160.17	0.0867	0.0042	0.0485	0.0485
1.2D + 1.0Di + 1.0Wi 45° 50 mph wind with 1" radial ice	170.33	0.0953	0.0043	0.0497	0.0497
1.2D + 1.0Di + 1.0Wi 45° 50 mph wind with 1" radial ice	187.50	0.1098	0.0043	0.0509	0.0509
1.2D + 1.0Di + 1.0Wi 90° 50 mph wind with 1" radial ice	50.00	0.0151	0.0015	0.0250	0.0251
1.2D + 1.0Di + 1.0Wi 90° 50 mph wind with 1" radial ice	75.00	0.0269	0.0018	0.0295	0.0296

DEFLECTIONS AND ROTATIONS

Load Case	Elevation (ft)	Deflection (ft)	Twist (deg)	Sway (deg)	Resultant (deg)
1.2D + 1.0Di + 1.0Wi 90° 50 mph wind with 1" radial ice	87.50	0.0331	0.0019	0.0305	0.0305
1.2D + 1.0Di + 1.0Wi 90° 50 mph wind with 1" radial ice	100.00	0.04	0.0022	0.0347	0.0348
1.2D + 1.0Di + 1.0Wi 90° 50 mph wind with 1" radial ice	112.50	0.0478	0.0024	0.0380	0.0381
1.2D + 1.0Di + 1.0Wi 90° 50 mph wind with 1" radial ice	125.00	0.0564	0.0028	0.0428	0.0429
1.2D + 1.0Di + 1.0Wi 90° 50 mph wind with 1" radial ice	137.50	0.066	0.0030	0.0461	0.0462
1.2D + 1.0Di + 1.0Wi 90° 50 mph wind with 1" radial ice	150.00	0.076	0.0032	0.0478	0.0479
1.2D + 1.0Di + 1.0Wi 90° 50 mph wind with 1" radial ice	160.17	0.0844	0.0033	0.0501	0.0502
1.2D + 1.0Di + 1.0Wi 90° 50 mph wind with 1" radial ice	170.33	0.0933	0.0034	0.0511	0.0512
1.2D + 1.0Di + 1.0Wi 90° 50 mph wind with 1" radial ice	187.50	0.1084	0.0035	0.0526	0.0527
1.2D + 1.0Di + 1.0Wi 135° 50 mph wind with 1" radial ice	50.00	0.0165	0.0023	0.0266	0.0266
1.2D + 1.0Di + 1.0Wi 135° 50 mph wind with 1" radial ice	75.00	0.0289	0.0027	0.0315	0.0315
1.2D + 1.0Di + 1.0Wi 135° 50 mph wind with 1" radial ice	87.50	0.0355	0.0028	0.0325	0.0325
1.2D + 1.0Di + 1.0Wi 135° 50 mph wind with 1" radial ice	100.00	0.0429	0.0032	0.0372	0.0372
1.2D + 1.0Di + 1.0Wi 135° 50 mph wind with 1" radial ice	112.50	0.0511	0.0036	0.0407	0.0407
1.2D + 1.0Di + 1.0Wi 135° 50 mph wind with 1" radial ice	125.00	0.0604	0.0040	0.0459	0.0459
1.2D + 1.0Di + 1.0Wi 135° 50 mph wind with 1" radial ice	137.50	0.0705	0.0043	0.0495	0.0495
1.2D + 1.0Di + 1.0Wi 135° 50 mph wind with 1" radial ice	150.00	0.0813	0.0045	0.0522	0.0522
1.2D + 1.0Di + 1.0Wi 135° 50 mph wind with 1" radial ice	160.17	0.0905	0.0047	0.0548	0.0548
1.2D + 1.0Di + 1.0Wi 135° 50 mph wind with 1" radial ice	170.33	0.1002	0.0049	0.0557	0.0557
1.2D + 1.0Di + 1.0Wi 135° 50 mph wind with 1" radial ice	187.50	0.1167	0.0050	0.0576	0.0576
1.2D + 1.0Di + 1.0Wi 180° 50 mph wind with 1" radial ice	50.00	0.0151	0.0015	0.0250	0.0251
1.2D + 1.0Di + 1.0Wi 180° 50 mph wind with 1" radial ice	75.00	0.0269	0.0018	0.0295	0.0296
1.2D + 1.0Di + 1.0Wi 180° 50 mph wind with 1" radial ice	87.50	0.0331	0.0019	0.0305	0.0305
1.2D + 1.0Di + 1.0Wi 180° 50 mph wind with 1" radial ice	100.00	0.04	0.0022	0.0347	0.0348
1.2D + 1.0Di + 1.0Wi 180° 50 mph wind with 1" radial ice	112.50	0.0478	0.0024	0.0380	0.0381
1.2D + 1.0Di + 1.0Wi 180° 50 mph wind with 1" radial ice	125.00	0.0564	-0.0028	0.0428	0.0429
1.2D + 1.0Di + 1.0Wi 180° 50 mph wind with 1" radial ice	137.50	0.066	0.0030	0.0461	0.0462
1.2D + 1.0Di + 1.0Wi 180° 50 mph wind with 1" radial ice	150.00	0.076	0.0032	0.0478	0.0479
1.2D + 1.0Di + 1.0Wi 180° 50 mph wind with 1" radial ice	160.17	0.0844	0.0033	0.0501	0.0502
1.2D + 1.0Di + 1.0Wi 180° 50 mph wind with 1" radial ice	170.33	0.0933	0.0034	0.0511	0.0512
1.2D + 1.0Di + 1.0Wi 180° 50 mph wind with 1" radial ice	187.50	0.1084	0.0035	0.0526	0.0527
1.2D + 1.0Di + 1.0Wi 225° 50 mph wind with 1" radial ice	50.00	0.0166	-0.0023	0.0264	0.0264
1.2D + 1.0Di + 1.0Wi 225° 50 mph wind with 1" radial ice	75.00	0.0289	-0.0027	0.0309	0.0309
1.2D + 1.0Di + 1.0Wi 225° 50 mph wind with 1" radial ice	87.50	0.0352	-0.0028	0.0314	0.0314
1.2D + 1.0Di + 1.0Wi 225° 50 mph wind with 1" radial ice	100.00	0.0424	0.0031	0.0358	0.0358
1.2D + 1.0Di + 1.0Wi 225° 50 mph wind with 1" radial ice	112.50	0.0502	0.0034	0.0390	0.039
1.2D + 1.0Di + 1.0Wi 225° 50 mph wind with 1" radial ice	125.00	0.059	0.0038	0.0437	0.0437
1.2D + 1.0Di + 1.0Wi 225° 50 mph wind with 1" radial ice	137.50	0.0686	-0.0041	0.0466	0.0466
1.2D + 1.0Di + 1.0Wi 225° 50 mph wind with 1" radial ice	150.00	0.0786	0.0041	0.0477	0.0477
1.2D + 1.0Di + 1.0Wi 225° 50 mph wind with 1" radial ice	160.17	0.0867	0.0042	0.0485	0.0485
1.2D + 1.0Di + 1.0Wi 225° 50 mph wind with 1" radial ice	170.33	0.0953	0.0043	0.0497	0.0497
1.2D + 1.0Di + 1.0Wi 225° 50 mph wind with 1" radial ice	187.50	0.1098	0.0043	0.0509	0.0509
1.2D + 1.0Di + 1.0Wi 270° 50 mph wind with 1" radial ice	50.00	0.0153	0.0015	0.0248	0.0249
1.2D + 1.0Di + 1.0Wi 270° 50 mph wind with 1" radial ice	75.00	0.0268	-0.0018	0.0287	0.0287
1.2D + 1.0Di + 1.0Wi 270° 50 mph wind with 1" radial ice	87.50	0.0327	0.0018	0.0289	0.0289
1.2D + 1.0Di + 1.0Wi 270° 50 mph wind with 1" radial ice	100.00	0.0393	0.0021	0.0327	0.0327
1.2D + 1.0Di + 1.0Wi 270° 50 mph wind with 1" radial ice	112.50	0.0465	0.0023	0.0354	0.0355
1.2D + 1.0Di + 1.0Wi 270° 50 mph wind with 1" radial ice	125.00	0.0544	0.0025	0.0393	0.0393
1.2D + 1.0Di + 1.0Wi 270° 50 mph wind with 1" radial ice	137.50	0.0631	0.0027	0.0413	0.0414
1.2D + 1.0Di + 1.0Wi 270° 50 mph wind with 1" radial ice	150.00	0.0719	0.0027	0.0412	0.0412
1.2D + 1.0Di + 1.0Wi 270° 50 mph wind with 1" radial ice	160.17	0.0788	0.0028	0.0410	0.041
1.2D + 1.0Di + 1.0Wi 270° 50 mph wind with 1" radial ice	170.33	0.0861	0.0029	0.0420	0.042
1.2D + 1.0Di + 1.0Wi 270° 50 mph wind with 1" radial ice	187.50	0.0982	0.0029	0.0423	0.0424
1.2D + 1.0Di + 1.0Wi 315° 50 mph wind with 1" radial ice	50.00	0.0167	0.0022	0.0263	0.0263
1.2D + 1.0Di + 1.0Wi 315° 50 mph wind with 1" radial ice	75.00	0.0288	0.0026	0.0303	0.0303
1.2D + 1.0Di + 1.0Wi 315° 50 mph wind with 1" radial ice	87.50	0.0349	0.0026	0.0303	0.0303
1.2D + 1.0Di + 1.0Wi 315° 50 mph wind with 1" radial ice	100.00	0.0418	0.0030	0.0343	0.0343
1.2D + 1.0Di + 1.0Wi 315° 50 mph wind with 1" radial ice	112.50	0.0493	0.0032	0.0371	0.0371
1.2D + 1.0Di + 1.0Wi 315° 50 mph wind with 1" radial ice	125.00	0.0576	0.0036	0.0411	0.0411
1.2D + 1.0Di + 1.0Wi 315° 50 mph wind with 1" radial ice	137.50	0.0665	0.0037	0.0431	0.0431
1.2D + 1.0Di + 1.0Wi 315° 50 mph wind with 1" radial ice	150.00	0.0756	0.0037	0.0426	0.0426
1.2D + 1.0Di + 1.0Wi 315° 50 mph wind with 1" radial ice	160.17	0.0827	0.0036	0.0421	0.0421
1.2D + 1.0Di + 1.0Wi 315° 50 mph wind with 1" radial ice	170.33	0.0901	0.0037	0.0427	0.0427
1.2D + 1.0Di + 1.0Wi 315° 50 mph wind with 1" radial ice	187.50	0.1024	0.0037	0.0432	0.0432
1.2D + 1.0Ev + 1.0Eh Normal Seismic	50.00	0.004	0.0006	0.0091	0.0091
1.2D + 1.0Ev + 1.0Eh Normal Seismic	75.00	0.0087	0.0007	0.0119	0.012
1.2D + 1.0Ev + 1.0Eh Normal Seismic	87.50	0.0114	0.0008	0.0135	0.0135
1.2D + 1.0Ev + 1.0Eh Normal Seismic	100.00	0.0146	0.0010	0.0158	0.0158

DEFLECTIONS AND ROTATIONS

Load Case	Elevation (ft)	Deflection (ft)	Twist (deg)	Sway (deg)	Resultant (deg)
1.2D + 1.0Ev + 1.0Eh Normal Seismic	112.50	0.0181	0.0011	0.0176	0.0176
1.2D + 1.0Ev + 1.0Eh Normal Seismic	125.00	0.0222	0.0012	0.0199	0.02
1.2D + 1.0Ev + 1.0Eh Normal Seismic	137.50	0.0268	0.0014	0.0222	0.0222
1.2D + 1.0Ev + 1.0Eh Normal Seismic	150.00	0.0318	0.0015	0.0235	0.0236
1.2D + 1.0Ev + 1.0Eh Normal Seismic	160.17	0.0362	0.0015	0.0251	0.0252
1.2D + 1.0Ev + 1.0Eh Normal Seismic	170.33	0.0406	0.0016	0.0260	0.0261
1.2D + 1.0Ev + 1.0Eh Normal Seismic	187.50	0.0484	0.0016	0.0270	0.0271
1.2D + 1.0Ev + 1.0Eh 45° Seismic	50.00	0.004	0.0008	0.0092	0.0092
1.2D + 1.0Ev + 1.0Eh 45° Seismic	75.00	0.0087	0.0010	0.0120	0.012
1.2D + 1.0Ev + 1.0Eh 45° Seismic	87.50	0.0115	0.0012	0.0136	0.0136
1.2D + 1.0Ev + 1.0Eh 45° Seismic	100.00	0.0146	0.0014	0.0159	0.0159
1.2D + 1.0Ev + 1.0Eh 45° Seismic	112.50	0.0181	0.0015	0.0177	0.0177
1.2D + 1.0Ev + 1.0Eh 45° Seismic	125.00	0.0222	0.0017	0.0200	0.02
1.2D + 1.0Ev + 1.0Eh 45° Seismic	137.50	0.0268	0.0019	0.0223	0.0223
1.2D + 1.0Ev + 1.0Eh 45° Seismic	150.00	0.0319	0.0021	0.0238	0.0238
1.2D + 1.0Ev + 1.0Eh 45° Seismic	160.17	0.0363	0.0022	0.0253	0.0253
1.2D + 1.0Ev + 1.0Eh 45° Seismic	170.33	0.0407	0.0023	0.0261	0.0261
1.2D + 1.0Ev + 1.0Eh 45° Seismic	187.50	0.0484	0.0023	0.0273	0.0273
1.2D + 1.0Ev + 1.0Eh 90° Seismic	50.00	0.004	0.0006	0.0091	0.0091
1.2D + 1.0Ev + 1.0Eh 90° Seismic	75.00	0.0087	0.0007	0.0119	0.012
1.2D + 1.0Ev + 1.0Eh 90° Seismic	87.50	0.0114	0.0008	0.0135	0.0135
1.2D + 1.0Ev + 1.0Eh 90° Seismic	100.00	0.0146	0.0010	0.0158	0.0158
1.2D + 1.0Ev + 1.0Eh 90° Seismic	112.50	0.0181	0.0011	0.0176	0.0176
1.2D + 1.0Ev + 1.0Eh 90° Seismic	125.00	0.0222	0.0012	0.0199	0.02
1.2D + 1.0Ev + 1.0Eh 90° Seismic	137.50	0.0268	0.0014	0.0222	0.0222
1.2D + 1.0Ev + 1.0Eh 90° Seismic	150.00	0.0318	0.0015	0.0235	0.0236
1.2D + 1.0Ev + 1.0Eh 90° Seismic	160.17	0.0362	0.0015	0.0251	0.0252
1.2D + 1.0Ev + 1.0Eh 90° Seismic	170.33	0.0406	0.0016	0.0260	0.0261
1.2D + 1.0Ev + 1.0Eh 90° Seismic	187.50	0.0484	0.0016	0.0270	0.0271
1.2D + 1.0Ev + 1.0Eh 135° Seismic	50.00	0.004	0.0008	0.0092	0.0092
1.2D + 1.0Ev + 1.0Eh 135° Seismic	75.00	0.0087	0.0010	0.0120	0.012
1.2D + 1.0Ev + 1.0Eh 135° Seismic	87.50	0.0115	0.0012	0.0136	0.0136
1.2D + 1.0Ev + 1.0Eh 135° Seismic	100.00	0.0146	0.0014	0.0159	0.0159
1.2D + 1.0Ev + 1.0Eh 135° Seismic	112.50	0.0181	0.0015	0.0177	0.0177
1.2D + 1.0Ev + 1.0Eh 135° Seismic	125.00	0.0222	0.0017	0.0200	0.02
1.2D + 1.0Ev + 1.0Eh 135° Seismic	137.50	0.0268	0.0019	0.0223	0.0223
1.2D + 1.0Ev + 1.0Eh 135° Seismic	150.00	0.0319	0.0021	0.0238	0.0238
1.2D + 1.0Ev + 1.0Eh 135° Seismic	160.17	0.0363	0.0022	0.0253	0.0253
1.2D + 1.0Ev + 1.0Eh 135° Seismic	170.33	0.0407	0.0023	0.0261	0.0261
1.2D + 1.0Ev + 1.0Eh 135° Seismic	187.50	0.0484	0.0023	0.0273	0.0273
1.2D + 1.0Ev + 1.0Eh 180° Seismic	50.00	0.004	0.0006	0.0091	0.0091
1.2D + 1.0Ev + 1.0Eh 180° Seismic	75.00	0.0087	0.0007	0.0119	0.012
1.2D + 1.0Ev + 1.0Eh 180° Seismic	87.50	0.0114	0.0008	0.0135	0.0135
1.2D + 1.0Ev + 1.0Eh 180° Seismic	100.00	0.0146	0.0010	0.0158	0.0158
1.2D + 1.0Ev + 1.0Eh 180° Seismic	112.50	0.0181	0.0011	0.0176	0.0176
1.2D + 1.0Ev + 1.0Eh 180° Seismic	125.00	0.0222	0.0012	0.0199	0.02
1.2D + 1.0Ev + 1.0Eh 180° Seismic	137.50	0.0268	0.0014	0.0222	0.0222
1.2D + 1.0Ev + 1.0Eh 180° Seismic	150.00	0.0318	0.0015	0.0235	0.0236
1.2D + 1.0Ev + 1.0Eh 180° Seismic	160.17	0.0362	0.0015	0.0251	0.0252
1.2D + 1.0Ev + 1.0Eh 180° Seismic	170.33	0.0406	0.0016	0.0260	0.0261
1.2D + 1.0Ev + 1.0Eh 180° Seismic	187.50	0.0484	0.0016	0.0270	0.0271
1.2D + 1.0Ev + 1.0Eh 225° Seismic	50.00	0.004	0.0008	0.0092	0.0092
1.2D + 1.0Ev + 1.0Eh 225° Seismic	75.00	0.0087	0.0010	0.0120	0.012
1.2D + 1.0Ev + 1.0Eh 225° Seismic	87.50	0.0115	0.0012	0.0136	0.0136
1.2D + 1.0Ev + 1.0Eh 225° Seismic	100.00	0.0146	0.0014	0.0159	0.0159
1.2D + 1.0Ev + 1.0Eh 225° Seismic	112.50	0.0181	0.0015	0.0177	0.0177
1.2D + 1.0Ev + 1.0Eh 225° Seismic	125.00	0.0222	0.0017	0.0200	0.02
1.2D + 1.0Ev + 1.0Eh 225° Seismic	137.50	0.0268	0.0019	0.0223	0.0223
1.2D + 1.0Ev + 1.0Eh 225° Seismic	150.00	0.0319	0.0021	0.0238	0.0238
1.2D + 1.0Ev + 1.0Eh 225° Seismic	160.17	0.0363	0.0022	0.0253	0.0253
1.2D + 1.0Ev + 1.0Eh 225° Seismic	170.33	0.0407	0.0023	0.0261	0.0261
1.2D + 1.0Ev + 1.0Eh 225° Seismic	187.50	0.0484	0.0023	0.0273	0.0273
1.2D + 1.0Ev + 1.0Eh 270° Seismic	50.00	0.004	0.0006	0.0091	0.0091
1.2D + 1.0Ev + 1.0Eh 270° Seismic	75.00	0.0087	0.0007	0.0119	0.012
1.2D + 1.0Ev + 1.0Eh 270° Seismic	87.50	0.0114	0.0008	0.0135	0.0135
1.2D + 1.0Ev + 1.0Eh 270° Seismic	100.00	0.0146	0.0010	0.0158	0.0158
1.2D + 1.0Ev + 1.0Eh 270° Seismic	112.50	0.0181	0.0011	0.0176	0.0176
1.2D + 1.0Ev + 1.0Eh 270° Seismic	125.00	0.0222	0.0012	0.0199	0.02

DEFLECTIONS AND ROTATIONS

Load Case	Elevation (ft)	Deflection (ft)	Twist (deg)	Sway (deg)	Resultant (deg)
1.2D + 1.0Ev + 1.0Eh 270° Seismic	137.50	0.0268	0.0014	0.0222	0.0222
1.2D + 1.0Ev + 1.0Eh 270° Seismic	150.00	0.0318	0.0015	0.0235	0.0236
1.2D + 1.0Ev + 1.0Eh 270° Seismic	160.17	0.0362	0.0015	0.0251	0.0252
1.2D + 1.0Ev + 1.0Eh 270° Seismic	170.33	0.0406	0.0016	0.0260	0.0261
1.2D + 1.0Ev + 1.0Eh 270° Seismic	187.50	0.0484	0.0016	0.0270	0.0271
1.2D + 1.0Ev + 1.0Eh 315° Seismic	50.00	0.004	0.0008	0.0092	0.0092
1.2D + 1.0Ev + 1.0Eh 315° Seismic	75.00	0.0087	0.0010	0.0120	0.012
1.2D + 1.0Ev + 1.0Eh 315° Seismic	87.50	0.0115	0.0012	0.0136	0.0136
1.2D + 1.0Ev + 1.0Eh 315° Seismic	100.00	0.0146	0.0014	0.0159	0.0159
1.2D + 1.0Ev + 1.0Eh 315° Seismic	112.50	0.0181	0.0015	0.0177	0.0177
1.2D + 1.0Ev + 1.0Eh 315° Seismic	125.00	0.0222	0.0017	0.0200	0.02
1.2D + 1.0Ev + 1.0Eh 315° Seismic	137.50	0.0268	0.0019	0.0223	0.0223
1.2D + 1.0Ev + 1.0Eh 315° Seismic	150.00	0.0319	0.0021	0.0238	0.0238
1.2D + 1.0Ev + 1.0Eh 315° Seismic	160.17	0.0363	0.0022	0.0253	0.0253
1.2D + 1.0Ev + 1.0Eh 315° Seismic	170.33	0.0407	0.0023	0.0261	0.0261
1.2D + 1.0Ev + 1.0Eh 315° Seismic	187.50	0.0484	0.0023	0.0273	0.0273
0.9D - 1.0Ev + 1.0Eh Normal Seismic (Reduced DL)	50.00	0.004	0.0006	0.0090	0.009
0.9D - 1.0Ev + 1.0Eh Normal Seismic (Reduced DL)	75.00	0.0086	0.0007	0.0119	0.0119
0.9D - 1.0Ev + 1.0Eh Normal Seismic (Reduced DL)	87.50	0.0114	0.0008	0.0134	0.0134
0.9D - 1.0Ev + 1.0Eh Normal Seismic (Reduced DL)	100.00	0.0145	0.0010	0.0156	0.0157
0.9D - 1.0Ev + 1.0Eh Normal Seismic (Reduced DL)	112.50	0.0181	0.0011	0.0174	0.0175
0.9D - 1.0Ev + 1.0Eh Normal Seismic (Reduced DL)	125.00	0.0222	0.0012	0.0198	0.0199
0.9D - 1.0Ev + 1.0Eh Normal Seismic (Reduced DL)	137.50	0.0267	0.0014	0.0221	0.0221
0.9D - 1.0Ev + 1.0Eh Normal Seismic (Reduced DL)	150.00	0.0318	0.0015	0.0235	0.0235
0.9D - 1.0Ev + 1.0Eh Normal Seismic (Reduced DL)	160.17	0.0361	0.0015	0.0250	0.025
0.9D - 1.0Ev + 1.0Eh Normal Seismic (Reduced DL)	170.33	0.0406	0.0016	0.0259	0.0259
0.9D - 1.0Ev + 1.0Eh Normal Seismic (Reduced DL)	187.50	0.0484	0.0016	0.0268	0.0268
0.9D - 1.0Ev + 1.0Eh 45° Seismic (Reduced DL)	50.00	0.004	0.0008	0.0090	0.009
0.9D - 1.0Ev + 1.0Eh 45° Seismic (Reduced DL)	75.00	0.0086	0.0010	0.0119	0.0119
0.9D - 1.0Ev + 1.0Eh 45° Seismic (Reduced DL)	87.50	0.0114	0.0012	0.0134	0.0134
0.9D - 1.0Ev + 1.0Eh 45° Seismic (Reduced DL)	100.00	0.0146	0.0014	0.0157	0.0157
0.9D - 1.0Ev + 1.0Eh 45° Seismic (Reduced DL)	112.50	0.0181	0.0015	0.0175	0.0175
0.9D - 1.0Ev + 1.0Eh 45° Seismic (Reduced DL)	125.00	0.0222	0.0017	0.0199	0.0199
0.9D - 1.0Ev + 1.0Eh 45° Seismic (Reduced DL)	137.50	0.0268	0.0019	0.0222	0.0222
0.9D - 1.0Ev + 1.0Eh 45° Seismic (Reduced DL)	150.00	0.0318	0.0021	0.0237	0.0237
0.9D - 1.0Ev + 1.0Eh 45° Seismic (Reduced DL)	160.17	0.0362	0.0022	0.0251	0.0251
0.9D - 1.0Ev + 1.0Eh 45° Seismic (Reduced DL)	170.33	0.0406	0.0023	0.0259	0.0259
0.9D - 1.0Ev + 1.0Eh 45° Seismic (Reduced DL)	187.50	0.0484	0.0023	0.0269	0.0269
0.9D - 1.0Ev + 1.0Eh 90° Seismic (Reduced DL)	50.00	0.004	0.0006	0.0090	0.009
0.9D - 1.0Ev + 1.0Eh 90° Seismic (Reduced DL)	75.00	0.0086	0.0007	0.0119	0.0119
0.9D - 1.0Ev + 1.0Eh 90° Seismic (Reduced DL)	87.50	0.0114	0.0008	0.0134	0.0134
0.9D - 1.0Ev + 1.0Eh 90° Seismic (Reduced DL)	100.00	0.0145	0.0010	0.0156	0.0157
0.9D - 1.0Ev + 1.0Eh 90° Seismic (Reduced DL)	112.50	0.0181	0.0011	0.0174	0.0175
0.9D - 1.0Ev + 1.0Eh 90° Seismic (Reduced DL)	125.00	0.0222	0.0012	0.0198	0.0199
0.9D - 1.0Ev + 1.0Eh 90° Seismic (Reduced DL)	137.50	0.0267	0.0014	0.0221	0.0221
0.9D - 1.0Ev + 1.0Eh 90° Seismic (Reduced DL)	150.00	0.0318	0.0015	0.0235	0.0235
0.9D - 1.0Ev + 1.0Eh 90° Seismic (Reduced DL)	160.17	0.0361	0.0015	0.0250	0.025
0.9D - 1.0Ev + 1.0Eh 90° Seismic (Reduced DL)	170.33	0.0406	0.0016	0.0259	0.0259
0.9D - 1.0Ev + 1.0Eh 90° Seismic (Reduced DL)	187.50	0.0484	0.0016	0.0268	0.0268
0.9D - 1.0Ev + 1.0Eh 135° Seismic (Reduced DL)	50.00	0.004	0.0008	0.0090	0.009
0.9D - 1.0Ev + 1.0Eh 135° Seismic (Reduced DL)	75.00	0.0086	0.0010	0.0119	0.0119
0.9D - 1.0Ev + 1.0Eh 135° Seismic (Reduced DL)	87.50	0.0114	0.0012	0.0134	0.0134
0.9D - 1.0Ev + 1.0Eh 135° Seismic (Reduced DL)	100.00	0.0146	0.0014	0.0157	0.0157
0.9D - 1.0Ev + 1.0Eh 135° Seismic (Reduced DL)	112.50	0.0181	0.0015	0.0175	0.0175
0.9D - 1.0Ev + 1.0Eh 135° Seismic (Reduced DL)	125.00	0.0222	0.0017	0.0199	0.0199
0.9D - 1.0Ev + 1.0Eh 135° Seismic (Reduced DL)	137.50	0.0268	0.0019	0.0222	0.0222
0.9D - 1.0Ev + 1.0Eh 135° Seismic (Reduced DL)	150.00	0.0318	0.0021	0.0237	0.0237
0.9D - 1.0Ev + 1.0Eh 135° Seismic (Reduced DL)	160.17	0.0362	0.0022	0.0251	0.0251
0.9D - 1.0Ev + 1.0Eh 135° Seismic (Reduced DL)	170.33	0.0406	0.0023	0.0259	0.0259
0.9D - 1.0Ev + 1.0Eh 135° Seismic (Reduced DL)	187.50	0.0484	0.0023	0.0269	0.0269
0.9D - 1.0Ev + 1.0Eh 180° Seismic (Reduced DL)	50.00	0.004	0.0006	0.0090	0.009
0.9D - 1.0Ev + 1.0Eh 180° Seismic (Reduced DL)	75.00	0.0086	0.0007	0.0119	0.0119
0.9D - 1.0Ev + 1.0Eh 180° Seismic (Reduced DL)	87.50	0.0114	0.0008	0.0134	0.0134
0.9D - 1.0Ev + 1.0Eh 180° Seismic (Reduced DL)	100.00	0.0145	0.0010	0.0156	0.0157
0.9D - 1.0Ev + 1.0Eh 180° Seismic (Reduced DL)	112.50	0.0181	0.0011	0.0174	0.0175
0.9D - 1.0Ev + 1.0Eh 180° Seismic (Reduced DL)	125.00	0.0222	0.0012	0.0198	0.0199
0.9D - 1.0Ev + 1.0Eh 180° Seismic (Reduced DL)	137.50	0.0267	0.0014	0.0221	0.0221
0.9D - 1.0Ev + 1.0Eh 180° Seismic (Reduced DL)	150.00	0.0318	0.0015	0.0235	0.0235

DEFLECTIONS AND ROTATIONS

Load Case	Elevation (ft)	Deflection (ft)	Twist (deg)	Sway (deg)	Resultant (deg)
0.9D - 1.0Ev + 1.0Eh 180° Seismic (Reduced DL)	160.17	0.0361	0.0015	0.0250	0.025
0.9D - 1.0Ev + 1.0Eh 180° Seismic (Reduced DL)	170.33	0.0406	0.0016	0.0259	0.0259
0.9D - 1.0Ev + 1.0Eh 180° Seismic (Reduced DL)	187.50	0.0484	0.0016	0.0268	0.0268
0.9D - 1.0Ev + 1.0Eh 225° Seismic (Reduced DL)	50.00	0.004	0.0008	0.0090	0.009
0.9D - 1.0Ev + 1.0Eh 225° Seismic (Reduced DL)	75.00	0.0086	0.0010	0.0119	0.0119
0.9D - 1.0Ev + 1.0Eh 225° Seismic (Reduced DL)	87.50	0.0114	0.0012	0.0134	0.0134
0.9D - 1.0Ev + 1.0Eh 225° Seismic (Reduced DL)	100.00	0.0146	0.0014	0.0157	0.0157
0.9D - 1.0Ev + 1.0Eh 225° Seismic (Reduced DL)	112.50	0.0181	0.0015	0.0175	0.0175
0.9D - 1.0Ev + 1.0Eh 225° Seismic (Reduced DL)	125.00	0.0222	0.0017	0.0199	0.0199
0.9D - 1.0Ev + 1.0Eh 225° Seismic (Reduced DL)	137.50	0.0268	0.0019	0.0222	0.0222
0.9D - 1.0Ev + 1.0Eh 225° Seismic (Reduced DL)	150.00	0.0318	0.0021	0.0237	0.0237
0.9D - 1.0Ev + 1.0Eh 225° Seismic (Reduced DL)	160.17	0.0362	0.0022	0.0251	0.0251
0.9D - 1.0Ev + 1.0Eh 225° Seismic (Reduced DL)	170.33	0.0406	0.0023	0.0259	0.0259
0.9D - 1.0Ev + 1.0Eh 225° Seismic (Reduced DL)	187.50	0.0484	0.0023	0.0269	0.0269
0.9D - 1.0Ev + 1.0Eh 270° Seismic (Reduced DL)	50.00	0.004	0.0006	0.0090	0.009
0.9D - 1.0Ev + 1.0Eh 270° Seismic (Reduced DL)	75.00	0.0086	0.0007	0.0119	0.0119
0.9D - 1.0Ev + 1.0Eh 270° Seismic (Reduced DL)	87.50	0.0114	0.0008	0.0134	0.0134
0.9D - 1.0Ev + 1.0Eh 270° Seismic (Reduced DL)	100.00	0.0145	0.0010	0.0156	0.0157
0.9D - 1.0Ev + 1.0Eh 270° Seismic (Reduced DL)	112.50	0.0181	0.0011	0.0174	0.0175
0.9D - 1.0Ev + 1.0Eh 270° Seismic (Reduced DL)	125.00	0.0222	0.0012	0.0198	0.0199
0.9D - 1.0Ev + 1.0Eh 270° Seismic (Reduced DL)	137.50	0.0267	0.0014	0.0221	0.0221
0.9D - 1.0Ev + 1.0Eh 270° Seismic (Reduced DL)	150.00	0.0318	0.0015	0.0235	0.0235
0.9D - 1.0Ev + 1.0Eh 270° Seismic (Reduced DL)	160.17	0.0361	0.0015	0.0250	0.025
0.9D - 1.0Ev + 1.0Eh 270° Seismic (Reduced DL)	170.33	0.0406	0.0016	0.0259	0.0259
0.9D - 1.0Ev + 1.0Eh 270° Seismic (Reduced DL)	187.50	0.0484	0.0016	0.0268	0.0268
0.9D - 1.0Ev + 1.0Eh 315° Seismic (Reduced DL)	50.00	0.004	0.0008	0.0090	0.009
0.9D - 1.0Ev + 1.0Eh 315° Seismic (Reduced DL)	75.00	0.0086	0.0010	0.0119	0.0119
0.9D - 1.0Ev + 1.0Eh 315° Seismic (Reduced DL)	87.50	0.0114	0.0012	0.0134	0.0134
0.9D - 1.0Ev + 1.0Eh 315° Seismic (Reduced DL)	100.00	0.0146	0.0014	0.0157	0.0157
0.9D - 1.0Ev + 1.0Eh 315° Seismic (Reduced DL)	112.50	0.0181	0.0015	0.0175	0.0175
0.9D - 1.0Ev + 1.0Eh 315° Seismic (Reduced DL)	125.00	0.0222	0.0017	0.0199	0.0199
0.9D - 1.0Ev + 1.0Eh 315° Seismic (Reduced DL)	137.50	0.0268	0.0019	0.0222	0.0222
0.9D - 1.0Ev + 1.0Eh 315° Seismic (Reduced DL)	150.00	0.0318	0.0021	0.0237	0.0237
0.9D - 1.0Ev + 1.0Eh 315° Seismic (Reduced DL)	160.17	0.0362	0.0022	0.0251	0.0251
0.9D - 1.0Ev + 1.0Eh 315° Seismic (Reduced DL)	170.33	0.0406	0.0023	0.0259	0.0259
0.9D - 1.0Ev + 1.0Eh 315° Seismic (Reduced DL)	187.50	0.0484	0.0023	0.0269	0.0269
1.0D + 1.0W Service Normal 60 mph Wind with No Ice	50.00	0.0112	0.0013	0.0212	0.0212
1.0D + 1.0W Service Normal 60 mph Wind with No Ice	75.00	0.0217	0.0016	0.0251	0.0251
1.0D + 1.0W Service Normal 60 mph Wind with No Ice	87.50	0.0272	0.0017	0.0263	0.0264
1.0D + 1.0W Service Normal 60 mph Wind with No Ice	100.00	0.0334	0.0019	0.0300	0.03
1.0D + 1.0W Service Normal 60 mph Wind with No Ice	112.50	0.0402	0.0021	0.0330	0.033
1.0D + 1.0W Service Normal 60 mph Wind with No Ice	125.00	0.0479	0.0024	0.0371	0.0372
1.0D + 1.0W Service Normal 60 mph Wind with No Ice	137.50	0.0563	0.0026	0.0399	0.04
1.0D + 1.0W Service Normal 60 mph Wind with No Ice	150.00	0.0652	0.0026	0.0407	0.0408
1.0D + 1.0W Service Normal 60 mph Wind with No Ice	160.17	0.0725	0.0027	0.0413	0.0414
1.0D + 1.0W Service Normal 60 mph Wind with No Ice	170.33	0.0798	-0.0028	0.0423	0.0424
1.0D + 1.0W Service Normal 60 mph Wind with No Ice	187.50	0.0924	0.0028	0.0429	0.043
1.0D + 1.0W Service 45° 60 mph Wind with No Ice	50.00	0.0118	0.0020	0.0224	0.0225
1.0D + 1.0W Service 45° 60 mph Wind with No Ice	75.00	0.023	0.0024	0.0266	0.0267
1.0D + 1.0W Service 45° 60 mph Wind with No Ice	87.50	0.0289	0.0025	0.0280	0.0281
1.0D + 1.0W Service 45° 60 mph Wind with No Ice	100.00	0.0355	0.0028	0.0319	0.032
1.0D + 1.0W Service 45° 60 mph Wind with No Ice	112.50	0.0429	0.0031	0.0353	0.0354
1.0D + 1.0W Service 45° 60 mph Wind with No Ice	125.00	0.0511	0.0035	0.0397	0.0398
1.0D + 1.0W Service 45° 60 mph Wind with No Ice	137.50	0.0603	0.0038	0.0431	0.0431
1.0D + 1.0W Service 45° 60 mph Wind with No Ice	150.00	0.0699	0.0039	0.0448	0.0448
1.0D + 1.0W Service 45° 60 mph Wind with No Ice	160.17	0.0778	0.0040	0.0455	0.0456
1.0D + 1.0W Service 45° 60 mph Wind with No Ice	170.33	0.0859	0.0041	0.0466	0.0468
1.0D + 1.0W Service 45° 60 mph Wind with No Ice	187.50	0.0999	-0.0042	0.0477	0.0477
1.0D + 1.0W Service 90° 60 mph Wind with No Ice	50.00	0.0111	0.0013	0.0213	0.0213
1.0D + 1.0W Service 90° 60 mph Wind with No Ice	75.00	0.0217	0.0016	0.0255	0.0255
1.0D + 1.0W Service 90° 60 mph Wind with No Ice	87.50	0.0274	0.0017	0.0270	0.0271
1.0D + 1.0W Service 90° 60 mph Wind with No Ice	100.00	0.0337	0.0020	0.0309	0.0309
1.0D + 1.0W Service 90° 60 mph Wind with No Ice	112.50	0.0408	0.0022	0.0341	0.0342
1.0D + 1.0W Service 90° 60 mph Wind with No Ice	125.00	0.0488	0.0025	0.0386	0.0387
1.0D + 1.0W Service 90° 60 mph Wind with No Ice	137.50	0.0576	0.0027	0.0419	0.042
1.0D + 1.0W Service 90° 60 mph Wind with No Ice	150.00	0.067	0.0028	0.0436	0.0437
1.0D + 1.0W Service 90° 60 mph Wind with No Ice	160.17	0.0749	0.0029	0.0452	0.0453
1.0D + 1.0W Service 90° 60 mph Wind with No Ice	170.33	0.0829	0.0030	0.0462	0.0463

DEFLECTIONS AND ROTATIONS

Load Case	Elevation (ft)	Deflection (ft)	Twist (deg)	Sway (deg)	Resultant (deg)
1.0D + 1.0W Service 90° 60 mph Wind with No Ice	187.50	0.0968	-0.0031	0.0473	0.0474
1.0D + 1.0W Service 135° 60 mph Wind with No Ice	50.00	0.0116	0.0020	0.0222	0.0222
1.0D + 1.0W Service 135° 60 mph Wind with No Ice	75.00	0.0227	0.0024	0.0267	0.0267
1.0D + 1.0W Service 135° 60 mph Wind with No Ice	87.50	0.0287	0.0025	0.0284	0.0284
1.0D + 1.0W Service 135° 60 mph Wind with No Ice	100.00	0.0353	0.0029	0.0325	0.0325
1.0D + 1.0W Service 135° 60 mph Wind with No Ice	112.50	0.0428	0.0032	0.0360	0.0360
1.0D + 1.0W Service 135° 60 mph Wind with No Ice	125.00	0.0512	0.0036	0.0407	0.0407
1.0D + 1.0W Service 135° 60 mph Wind with No Ice	137.50	0.0605	0.0039	0.0443	0.0443
1.0D + 1.0W Service 135° 60 mph Wind with No Ice	150.00	0.0706	0.0041	0.0467	0.0467
1.0D + 1.0W Service 135° 60 mph Wind with No Ice	160.17	0.079	0.0042	0.0484	0.0484
1.0D + 1.0W Service 135° 60 mph Wind with No Ice	170.33	0.0875	0.0043	0.0493	0.0493
1.0D + 1.0W Service 135° 60 mph Wind with No Ice	187.50	0.1024	0.0044	0.0506	0.0506
1.0D + 1.0W Service 180° 60 mph Wind with No Ice	50.00	0.0111	0.0013	0.0213	0.0213
1.0D + 1.0W Service 180° 60 mph Wind with No Ice	75.00	0.0217	0.0016	0.0255	0.0255
1.0D + 1.0W Service 180° 60 mph Wind with No Ice	87.50	0.0274	0.0017	0.0270	0.0271
1.0D + 1.0W Service 180° 60 mph Wind with No Ice	100.00	0.0337	-0.0020	0.0309	0.0309
1.0D + 1.0W Service 180° 60 mph Wind with No Ice	112.50	0.0408	-0.0022	0.0341	0.0342
1.0D + 1.0W Service 180° 60 mph Wind with No Ice	125.00	0.0488	-0.0025	0.0386	0.0387
1.0D + 1.0W Service 180° 60 mph Wind with No Ice	137.50	0.0576	-0.0027	0.0419	0.042
1.0D + 1.0W Service 180° 60 mph Wind with No Ice	150.00	0.067	0.0028	0.0436	0.0437
1.0D + 1.0W Service 180° 60 mph Wind with No Ice	160.17	0.0749	0.0029	0.0452	0.0453
1.0D + 1.0W Service 180° 60 mph Wind with No Ice	170.33	0.0829	0.0030	0.0462	0.0463
1.0D + 1.0W Service 180° 60 mph Wind with No Ice	187.50	0.0968	0.0031	0.0473	0.0474
1.0D + 1.0W Service 225° 60 mph Wind with No Ice	50.00	0.0118	-0.0020	0.0224	0.0225
1.0D + 1.0W Service 225° 60 mph Wind with No Ice	75.00	0.023	-0.0024	0.0266	0.0267
1.0D + 1.0W Service 225° 60 mph Wind with No Ice	87.50	0.0289	-0.0025	0.0280	0.0281
1.0D + 1.0W Service 225° 60 mph Wind with No Ice	100.00	0.0355	0.0028	0.0319	0.032
1.0D + 1.0W Service 225° 60 mph Wind with No Ice	112.50	0.0429	0.0031	0.0353	0.0354
1.0D + 1.0W Service 225° 60 mph Wind with No Ice	125.00	0.0511	0.0035	0.0397	0.0398
1.0D + 1.0W Service 225° 60 mph Wind with No Ice	137.50	0.0603	-0.0038	0.0431	0.0431
1.0D + 1.0W Service 225° 60 mph Wind with No Ice	150.00	0.0699	0.0039	0.0448	0.0448
1.0D + 1.0W Service 225° 60 mph Wind with No Ice	160.17	0.0778	0.0040	0.0455	0.0456
1.0D + 1.0W Service 225° 60 mph Wind with No Ice	170.33	0.0859	0.0041	0.0466	0.0468
1.0D + 1.0W Service 225° 60 mph Wind with No Ice	187.50	0.0999	0.0042	0.0477	0.0477
1.0D + 1.0W Service 270° 60 mph Wind with No Ice	50.00	0.0112	0.0013	0.0212	0.0212
1.0D + 1.0W Service 270° 60 mph Wind with No Ice	75.00	0.0217	-0.0016	0.0251	0.0251
1.0D + 1.0W Service 270° 60 mph Wind with No Ice	87.50	0.0272	-0.0017	0.0263	0.0264
1.0D + 1.0W Service 270° 60 mph Wind with No Ice	100.00	0.0334	0.0019	0.0300	0.03
1.0D + 1.0W Service 270° 60 mph Wind with No Ice	112.50	0.0402	0.0021	0.0330	0.033
1.0D + 1.0W Service 270° 60 mph Wind with No Ice	125.00	0.0479	-0.0024	0.0371	0.0372
1.0D + 1.0W Service 270° 60 mph Wind with No Ice	137.50	0.0563	-0.0026	0.0399	0.04
1.0D + 1.0W Service 270° 60 mph Wind with No Ice	150.00	0.0652	0.0026	0.0407	0.0408
1.0D + 1.0W Service 270° 60 mph Wind with No Ice	160.17	0.0725	0.0027	0.0413	0.0414
1.0D + 1.0W Service 270° 60 mph Wind with No Ice	170.33	0.0798	0.0028	0.0423	0.0424
1.0D + 1.0W Service 270° 60 mph Wind with No Ice	187.50	0.0924	0.0028	0.0429	0.043
1.0D + 1.0W Service 315° 60 mph Wind with No Ice	50.00	0.0117	0.0019	0.0221	0.0221
1.0D + 1.0W Service 315° 60 mph Wind with No Ice	75.00	0.0227	0.0023	0.0261	0.0262
1.0D + 1.0W Service 315° 60 mph Wind with No Ice	87.50	0.0284	0.0024	0.0275	0.0275
1.0D + 1.0W Service 315° 60 mph Wind with No Ice	100.00	0.0348	0.0027	0.0313	0.0313
1.0D + 1.0W Service 315° 60 mph Wind with No Ice	112.50	0.042	0.0030	0.0344	0.0344
1.0D + 1.0W Service 315° 60 mph Wind with No Ice	125.00	0.05	0.0034	0.0387	0.0387
1.0D + 1.0W Service 315° 60 mph Wind with No Ice	137.50	0.0587	0.0036	0.0416	0.0416
1.0D + 1.0W Service 315° 60 mph Wind with No Ice	150.00	0.068	0.0037	0.0426	0.0426
1.0D + 1.0W Service 315° 60 mph Wind with No Ice	160.17	0.0756	0.0037	0.0429	0.0429
1.0D + 1.0W Service 315° 60 mph Wind with No Ice	170.33	0.0832	0.0038	0.0437	0.0437
1.0D + 1.0W Service 315° 60 mph Wind with No Ice	187.50	0.0962	0.0039	0.0445	0.0445

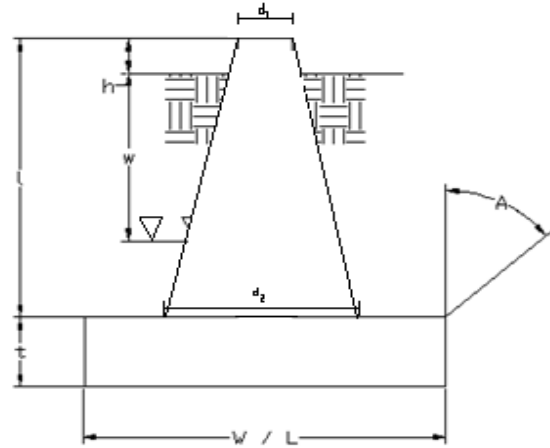
Site No.:	88014
Engineer:	Tiffany.Ta
Date:	Thursday, June 9, 2022
Carrier:	New Fairfield

Pyramidal Pad & Pier

Design Loads (Unfactored)

Compression/Leg:	214.64	k
Uplift/Leg:	153.65	k

Face Width @ Top of Pier (d_1):	3.58	ft
Face Width @ Bottom of Pier (d_2):	6.00	ft
Total Length of Pier (l):	6.50	ft
Height of Pedestal Above Ground (h):	0.630	ft
Width of Pad (W):	16.00	ft
Length of Pad (L):	16.00	ft
Thickness of Pad (t):	3.00	ft
Water Table Depth (w):	99.00	ft
Unit Weight of Concrete:	150.0	pcf
Unit Weight of Soil (Above Water Table):	120.0	pcf
Unit Weight of Soil (Below Water Table):	57.6	pcf
Friction Angle of Uplift (A):	22	°
Allowable Compressive Bearing Pressure:	4500	psf



Volume Pier Above Gnd:	8.61	ft ³
Pier & Soil Below WT:	0.00	ft
Pier FW @ WT:	6.00	ft
Soil Pyramid Projection @ Surface:	2.37	ft
Soil Pyramid Projection @ WT:	0.00	ft
Pad Below WT:	0.00	ft
Volume Pier:	152.31	ft ³
Volume Pad:	768.00	ft ³
Volume Soil:	1839.09	ft ³
Volume Pier (Buoyant):	0.00	ft ³
Volume Pad (Buoyant):	0.00	ft ³
Volume Soil (Buoyant):	0.00	ft ³
Weight Pier:	22.85	k
Weight Pad:	115.20	k
Weight Soil:	220.69	k

Uplift Resistance

ϕ_s Uplift (k)	269.05	0.57	OK
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Axial Resistance

ϕ_s Axial (k)	864.00	0.25	OK
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RAN Template: 67E5D998E Outdoor	A&L Template: 67E5998E_1xAIR+1OP+1QP
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CT11106A_Anchor_5

Print Name: Preliminary (RFDS_For_Scoping)
PORs: Anchor_Phase 3
 L600_L600 Coverage

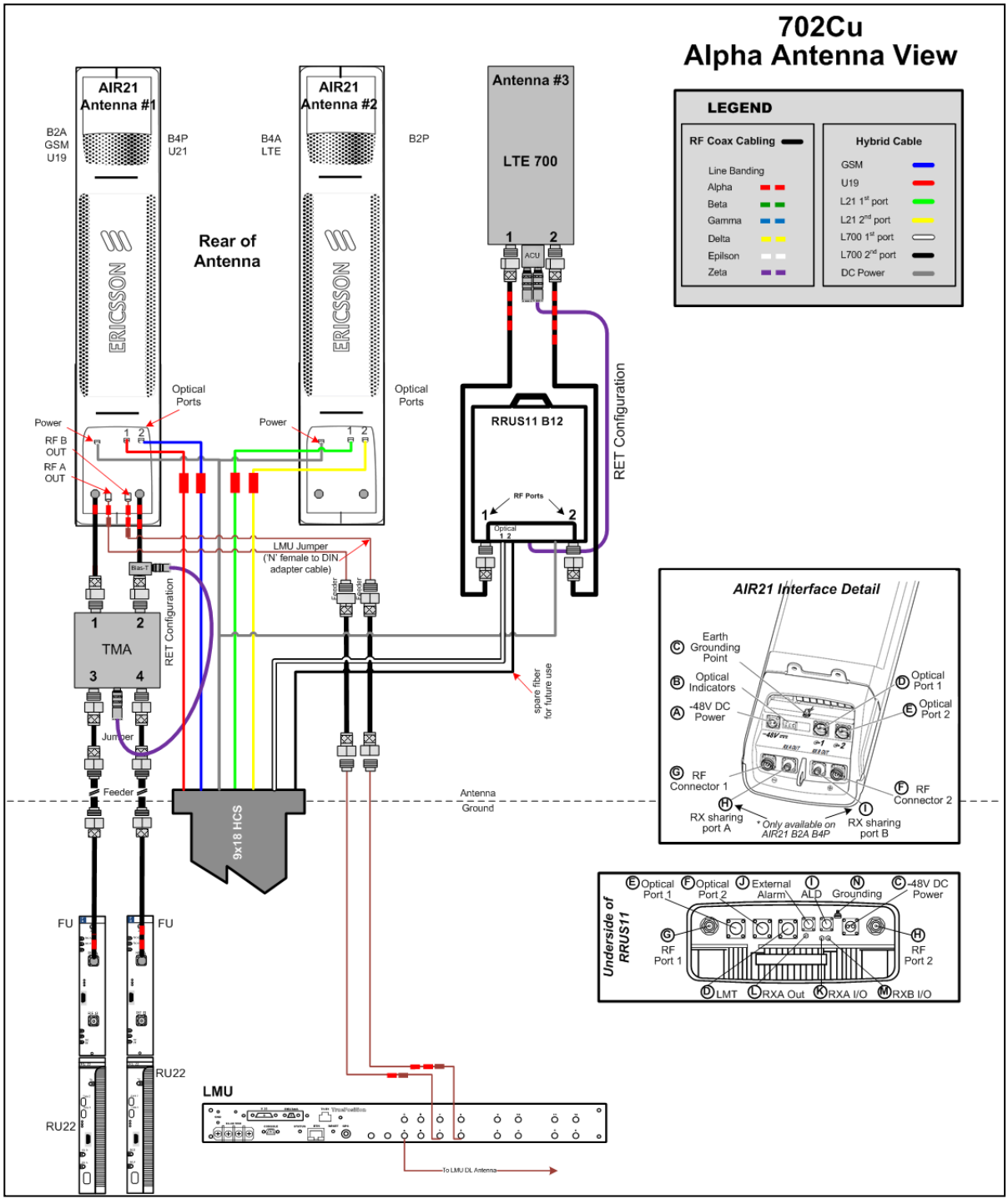
Section 1 - Site Information

Site ID: CT11106A	Site Name: New Fairfield (AT&T)	Latitude: 41.45070400
Status: Final	Site Class: Self Support Tower	Longitude: -73.51597200
Version: 5	Site Type: Structure Non Building	Address: 37 Titicus Mountain Rd.
Project Type: Anchor	Plan Year: 2022	City, State: New Fairfield, CT
Approved: 3/8/2022 8:26:36 PM	Market: CONNECTICUT CT	Region: NORTHEAST
Approved By: Pratik.Patil30@T-Mobile.com	Vendor: Ericsson	
Last Modified: 3/8/2022 8:26:36 PM	Landlord: AT&T CORP	
Last Modified By: Pratik.Patil30@T-Mobile.com		

RAN Template: 67E5D998E Outdoor		AL Template: 67E5998E_1xAIR+1OP+1QP		
Sector Count: 3	Antenna Count: 9	Coax Line Count: 0	TMA Count: 0	RRU Count: 6

Section 2 - Existing Template Images

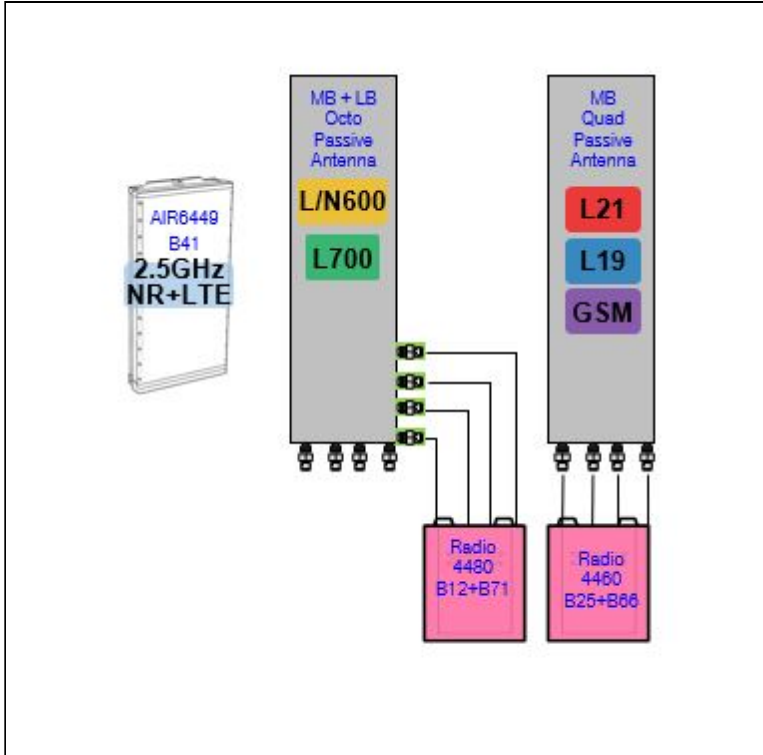
AL_702Cu.png



Notes:

Section 3 - Proposed Template Images

67E5A998E.JPG



Notes:

Section 4 - Siteplan Images

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RAN Template: 67E5D998E Outdoor	A&L Template: 67E5998E_1xAIR+1OP+1QP
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Section 5 - RAN Equipment

Existing RAN Equipment

Template: 792DB Outdoor

Enclosure	1	2
Enclosure Type	RBS 6131	S8000 Outdoor
Baseband	DUW30 U2100	
Multiplexer	XMU L1900 L700 L2100	
Radio	RU22 (x 6) U2100	

Proposed RAN Equipment

Template: 67E5D998E Outdoor

Enclosure	1	2	3	4
Enclosure Type	RBS 6131	Ancillary Equipment (Ericsson)	Enclosure 6160 AC V1	B160
Baseband	DUG20 G1900 RP 6651 L700 L600 N600 L2100 L1900		RP 6651 L2500 N2500	
Hybrid Cable System		PSU 4813 vR4A (Kit) (x 2) Ericsson Hybrid Trunk 6/24 4AWG 100m (x 3)		
Multiplexer	XMU			
Transport System			CSR IXRe V2 (Gen2)	

RAN Scope of Work:

- Upgrade AC Service.
- Remove Nortel Cabinet from site.
- Remove and return all cabinet radios from existing RBS6131 base station cabinet.
- Add (1) Enclosure 6160.
- Move DUG20, DUW30, to new Enclosure 6160
- Remove BB5216 from 6131
- Add (1) RP 6651 for L1900, L2100, L600, L700, and N600 (MMBB - Mixed Mode Baseband) to RBS 6131
- Add (1) iXRe Router to new Enclosure 6160.
- Add (1) RP 6651 for L2500/N2500 to new Enclosure 6160.
- Add (2) PSU4813 Voltage Booster to new Enclosure 6160.
- Add (1) Battery Cabinet B160.
- Existing: (12) Coaxial Lines; .
- Remove all coaxial lines.
- Add (3) 6X24 HCS.
- Connect DC for the AIR6419 B41 to the PSU4813 Voltage Booster.

RAN Template: 67E5D998E Outdoor	A&L Template: 67E5998E_1xAIR+1OP+1QP
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Section 6 - A&L Equipment

Existing Template: 702Cu
Proposed Template: 67E5998E_1xAIR+1OP+1QP

Sector 1 (Existing) view from behind

Coverage Type	A - Outdoor Macro				
Antenna	1		2		3
Antenna Model	Ericsson - AIR21 KRC118023-1_B2A_B4P (Quad)		Andrew - LNX-6515DS-A1M (Dual)		Ericsson - AIR21 KRC118023-1_B2P_B4A (Quad)
Azimuth	60		60		60
M. Tilt	0		0		0
Height	193		191		193
Ports	P1	P2	P3		P4
Active Tech.	U2100	L1900 G1900	L700		L2100
Dark Tech.					
Restricted Tech.					
Decomm. Tech.					
E. Tilt	2	2	2		2
Cables	1-5/8" Coax - 210 ft. (x2) Fiber Jumper - 15 ft.	Fiber Jumper - 15 ft. (x2)	Fiber Jumper - 15 ft.		Fiber Jumper - 15 ft. (x2) Fiber Jumper - 15 ft.
TMA's	Generic Twin Style 1B - AWS (AtAntenna)				
Diplexers / Combiners					
Radio	RRUS11 B12 (At Antenna)				
Sector Equipment					

Unconnected Equipment:

Scope of Work:

Add L1900 in single mode/GSM in single mode to active side of antenna.

RAN Template: 67E5D998E Outdoor	A&L Template: 67E5998E_1xAIR+10P+1QP
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Sector 1 (Proposed) view from behind									
Coverage Type	A - Outdoor Macro								
Antenna	1			2			3		
Antenna Model	RFS - APXVAALL24_43-U-NA20 (Octo)			AIR 6419 B41 (Active Antenna - Massive MIMO)			Commscope_VV-65A-R1 (Quad)		
Azimuth	60			60			60		
M. Tilt	0			0			0		
Height	193			191			193		
Ports	P1	P2	P3	P4	P5	P6	P7	P8	
Active Tech.	L700 L600 N600	L700 L600 N600			L2500 N2500	L2500 N2500	L2100 L1900 G1900 U2100	L2100 L1900 G1900 U2100	
Dark Tech.									
Restricted Tech.									
Decomm. Tech.									
E. Tilt	2	2			2	2	2	2	
Cables	Coax Jumper (x2) Fiber Jumper	Coax Jumper (x2) Fiber Jumper			Fiber Jumper (x2)	Fiber Jumper (x2)	Coax Jumper (x2) Fiber Jumper	Coax Jumper (x2) Fiber Jumper	
TMA									
Diplexers / Combiners									
Radio	Radio 4480 B71+B85 (At Antenna)	SHARED Radio 4480 B71+B85 (At Antenna)					Radio 4460 B25+B66 (At Antenna)	SHARED Radio 4460 B25+B66 (At Antenna)	
Sector Equipment									

Unconnected Equipment:

Scope of Work:

Remove all TMAs.

Remove all coaxial lines.

Remove all antennae.

Remove RRU S11 B12 from Position 2.

Install (1) Low-Band/Mid-Band Octo in Position 1

Add (1) Radio 4480 B71+B85 for L600, L700, and N600 in Position 1 at antenna, and connect its ports to the Low-Band ports of the Octo Antenna.

Install (1) AIR6419 B41 for L2500 and N2500 in Position 2.

Install (1) Mid-Band Quad in Position 3.

Add (1) Radio 4460 B25+B66 for L2100, L1900(Both Carriers), U2100 and GSM to Position 3 at antenna.

Ensure RET control is enabled for all technology layers according to the Design Documents

*A dashed border indicates shared equipment. Any connected equipment is denoted with the SHARED keyword.

RAN Template: 67E5D998E Outdoor	A&L Template: 67E5998E_1xAIR+1OP+1QP
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CT11106A_Anchor_5

Print Name: Preliminary (RFDS_For_Scoping)
PORs: Anchor_Phase 3
 L600_L600 Coverage

Sector 2 (Existing) view from behind						
Coverage Type	A - Outdoor Macro					
Antenna	1		2		3	
Antenna Model	Ericsson - AIR21 KRC118023-1_B2A_B4P (Quad)		Andrew - LNX-6515DS-A1M (Dual)		Ericsson - AIR21 KRC118023-1_B2P_B4A (Quad)	
Azimuth	180		180		180	
M. Tilt	0		0		0	
Height	193		191		193	
Ports	P1	P2	P3		P4	P5
Active Tech.	L1900 G1900	U2100	L700		L2100	
Dark Tech.						
Restricted Tech.						
Decomm. Tech.						
E. Tilt	2	2	2		2	
Cables	Fiber Jumper - 15 ft. (x2)	1-5/8" Coax - 210 ft. (x2)	Fiber Jumper - 15 ft.		Fiber Jumper - 15 ft. (x2)	Fiber Jumper - 15 ft. (x2)
TMA's	Generic Twin Style 1B - AWS (AtAntenna)					
Diplexers / Combiners						
Radio	RRUS11 B12 (At Antenna)					
Sector Equipment						
Unconnected Equipment:						
Scope of Work:						
Add L1900 in single mode/GSM in single mode to active side of antenna.						

RAN Template: 67E5D998E Outdoor	A&L Template: 67E5998E_1xAIR+10P+1QP
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Sector 2 (Proposed) view from behind									
Coverage Type	A - Outdoor Macro								
Antenna	1			2			3		
Antenna Model	RFS - APXVAALL24_43-U-NA20 (Octo)			AIR 6419 B41 (Active Antenna - Massive MIMO)			Commscope_VV-65A-R1 (Quad)		
Azimuth	180			180			180		
M. Tilt	0			0			0		
Height	193			191			193		
Ports	P1	P2	P3	P4	P5	P6	P7	P8	
Active Tech.	L700 L600 N600	L700 L600 N600			L2500 N2500	L2500 N2500	U2100 L2100 L1900 G1900	U2100 L2100 L1900 G1900	
Dark Tech.									
Restricted Tech.									
Decomm. Tech.									
E. Tilt	2	2			2	2	2	2	
Cables	Coax Jumper (x2) Fiber Jumper	Coax Jumper (x2) Fiber Jumper			Fiber Jumper (x2)	Fiber Jumper (x2)	Coax Jumper (x2) Fiber Jumper	Coax Jumper (x2) Fiber Jumper	
TMA									
Diplexers / Combiners									
Radio	Radio 4480 B71+B85 (At Antenna)	SHARED Radio 4480 B71+B85 (At Antenna)					Radio 4460 B25+B66 (At Antenna)	SHARED Radio 4460 B25+B66 (At Antenna)	
Sector Equipment									

Unconnected Equipment:

Scope of Work:

Remove all TMAs.

Remove all coaxial lines.

Remove all antennae.

Remove RRU S11 B12 from Position 2.

Install (1) Low-Band/Mid-Band Octo in Position 1

Add (1) Radio 4480 B71+B85 for L600, L700, and N600 in Position 1 at antenna, and connect its ports to the Low-Band ports of the Octo Antenna.

Install (1) AIR6419 B41 for L2500 and N2500 in Position 2.

Install (1) Mid-Band Quad in Position 3.

Add (1) Radio 4460 B25+B66 for L2100, L1900(Both Carriers), U2100 and GSM to Position 3 at antenna.

Ensure RET control is enabled for all technology layers according to the Design Documents

*A dashed border indicates shared equipment. Any connected equipment is denoted with the SHARED keyword.

RAN Template: 67E5D998E Outdoor	A&L Template: 67E5998E_1xAIR+1OP+1QP
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CT11106A_Anchor_5

Print Name: Preliminary (RFDS_For_Scoping)
PORs: Anchor_Phase 3
 L600_L600 Coverage

Sector 3 (Existing) view from behind					
Coverage Type	A - Outdoor Macro				
Antenna	1		2		3
Antenna Model	Ericsson - AIR21 KRC118023-1_B2A_B4P (Quad)		Andrew - LNX-6515DS-A1M (Dual)		Ericsson - AIR21 KRC118023-1_B2P_B4A (Quad)
Azimuth	300		300		300
M. Tilt	0		0		0
Height	193		191		193
Ports	P1	P2	P3		P4 P5
Active Tech.	L1900 G1900	U2100	L700		L2100
Dark Tech.					
Restricted Tech.					
Decomm. Tech.					
E. Tilt	6	6	2		6
Cables	Fiber Jumper - 15 ft. (x2)	1-5/8" Coax - 210 ft. (x2)	Fiber Jumper - 15 ft.		Fiber Jumper - 15 ft. (x2)
TMA's	Generic Twin Style 1B - AWS (AtAntenna)				
Diplexers / Combiners					
Radio	RRUS11 B12 (At Antenna)				
Sector Equipment					
Unconnected Equipment:					
Scope of Work:					
Add L1900 in single mode/GSM in single mode to active side of antenna.					

RAN Template: 67E5D998E Outdoor	A&L Template: 67E5998E_1xAIR+10P+1QP
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Sector 3 (Proposed) view from behind									
Coverage Type	A - Outdoor Macro								
Antenna	1			2			3		
Antenna Model	RFS - APXVAALL24_43-U-NA20 (Octo)			AIR 6419 B41 (Active Antenna - Massive MIMO)			Commscope_VV-65A-R1 (Quad)		
Azimuth	300			300			300		
M. Tilt	0			0			0		
Height	193			191			193		
Ports	P1	P2	P3	P4	P5	P6	P7	P8	
Active Tech.	L700 L600 N600	L700 L600 N600			L2500 N2500	L2500 N2500	U2100 L2100 L1900 G1900	U2100 L2100 L1900 G1900	
Dark Tech.									
Restricted Tech.									
Decomm. Tech.									
E. Tilt	2	2			2	2	2	2	
Cables	Coax Jumper (x2) Fiber Jumper	Coax Jumper (x2) Fiber Jumper			Fiber Jumper (x2)	Fiber Jumper (x2)	Coax Jumper (x2) Fiber Jumper	Coax Jumper (x2) Fiber Jumper	
TMA									
Diplexers / Combiners									
Radio	Radio 4480 B71+B85 (At Antenna)	SHARED Radio 4480 B71+B85 (At Antenna)					Radio 4460 B25+B66 (At Antenna)	SHARED Radio 4460 B25+B66 (At Antenna)	
Sector Equipment									

Unconnected Equipment:

Scope of Work:

Remove all TMAs.
 Remove all coaxial lines.
 Remove all antennae.
 Remove RRU S11 B12 from Position 2.
 Install (1) Low-Band/Mid-Band Octo in Position 1
 Add (1) Radio 4480 B71+B85 for L600, L700, and N600 in Position 1 at antenna, and connect its ports to the Low-Band ports of the Octo Antenna.
 Install (1) AIR6419 B41 for L2500 and N2500 in Position 2.
 Install (1) Mid-Band Quad in Position 3.
 Add (1) Radio 4460 B25+B66 for L2100, L1900(Both Carriers), U2100 and GSM to Position 3 at antenna.
 Ensure RET control is enabled for all technology layers according to the Design Documents

*A dashed border indicates shared equipment. Any connected equipment is denoted with the SHARED keyword.

RAN Template: 67E5D998E Outdoor	A&L Template: 67E5998E_1xAIR+1OP+1QP
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Section 7 - Power Systems Equipment
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Existing Power Systems Equipment
----- This section is intentionally blank. -----

Proposed Power Systems Equipment	
Enclosure	1
Enclosure Type	Enclosure 6160 AC V1

RADIO FREQUENCY EMISSIONS ANALYSIS REPORT
EVALUATION OF HUMAN EXPOSURE POTENTIAL
TO NON-IONIZING EMISSIONS

T-Mobile Existing Facility

Site ID: CT11106A

New Fairfield (AT&T)
22 Titicus Mtn Road
New Fairfield, Connecticut 06812

June 27, 2022

EBI Project Number: 6222004147

Site Compliance Summary	
Compliance Status:	COMPLIANT
Site total MPE% of FCC general population allowable limit:	17.30%

June 27, 2022

T-Mobile

Attn: Jason Overbey, RF Manager
35 Griffin Road South
Bloomfield, Connecticut 06002

Emissions Analysis for Site: CT11106A - New Fairfield (AT&T)

EBI Consulting was directed to analyze the proposed T-Mobile facility located at **22 Titicus Mtn Road** in **New Fairfield, Connecticut** for the purpose of determining whether the emissions from the Proposed T-Mobile Antenna Installation located on this property are within specified federal limits.

All information used in this report was analyzed as a percentage of current Maximum Permissible Exposure (% MPE) as listed in the FCC OET Bulletin 65 Edition 97-01 and ANSI/IEEE Std C95.1. The FCC regulates Maximum Permissible Exposure in units of microwatts per square centimeter ($\mu\text{W}/\text{cm}^2$). The number of $\mu\text{W}/\text{cm}^2$ calculated at each sample point is called the power density. The exposure limit for power density varies depending upon the frequencies being utilized. Wireless Carriers and Paging Services use different frequency bands each with different exposure limits; therefore, it is necessary to report results and limits in terms of percent MPE rather than power density.

All results were compared to the FCC (Federal Communications Commission) radio frequency exposure rules, 47 CFR 1.1307(b)(1) – (b)(3), to determine compliance with the Maximum Permissible Exposure (MPE) limits for General Population/Uncontrolled environments as defined below.

General population/uncontrolled exposure limits apply to situations in which the general population may be exposed or in which persons who are exposed as a consequence of their employment may not be made fully aware of the potential for exposure or cannot exercise control over their exposure. Therefore, members of the general population would always be considered under this category when exposure is not employment related, for example, in the case of a telecommunications tower that exposes persons in a nearby residential area.

Public exposure to radio frequencies is regulated and enforced in units of microwatts per square centimeter ($\mu\text{W}/\text{cm}^2$). The general population exposure limits for the 600 MHz and 700 MHz frequency bands are approximately $400 \mu\text{W}/\text{cm}^2$ and $467 \mu\text{W}/\text{cm}^2$, respectively. The general population exposure limit for the 1900 MHz (PCS), 2100 MHz (AWS) and 11 GHz frequency bands is $1000 \mu\text{W}/\text{cm}^2$. Because each carrier will be using different frequency bands, and each frequency band has different exposure limits, it is necessary to report percent of MPE rather than power density.

Occupational/controlled exposure limits apply to situations in which persons are exposed as a consequence of their employment and in which those persons who are exposed have been made fully aware of the potential for exposure and can exercise control over their exposure. Occupational/controlled exposure limits also apply where exposure is of a transient nature as a result of incidental passage through a location where exposure levels may be above general population/uncontrolled limits (see below), as long as the exposed person has been made fully aware of the potential for exposure and can exercise control over his or her exposure by leaving the area or by some other appropriate means.

Additional details can be found in FCC OET 65.

CALCULATIONS

Calculations were done for the proposed T-Mobile Wireless antenna facility located at 22 Titicus Mtn Road in New Fairfield, Connecticut using the equipment information listed below. All calculations were performed per the specifications under FCC OET 65. Since T-Mobile is proposing highly focused directional panel antennas, which project most of the emitted energy out toward the horizon, all calculations were performed assuming a lobe representing the maximum gain of the antenna per the antenna manufacturer's supplied specifications, minus 10 dB for directional panel antennas and 20 dB for highly focused parabolic microwave dishes, was focused at the base of the tower. For this report, the sample point is the top of a 6-foot person standing at the base of the tower.

For all calculations, all equipment was calculated using the following assumptions:

- 1) 1 LTE channel (600 MHz Band) was considered for each sector of the proposed installation. This Channel has a transmit power of 40 Watts.
- 2) 1 NR channel (600 MHz Band) was considered for each sector of the proposed installation. This Channel has a transmit power of 80 Watts.
- 3) 1 LTE channel (700 MHz Band) was considered for each sector of the proposed installation. This Channel has a transmit power of 40 Watts per Channel.
- 4) 1 GSM channel (PCS Band - 1900 MHz) was considered for each sector of the proposed installation. This Channel has a transmit power of 10 Watts per Channel.
- 5) 1 LTE channel (PCS Band - 1900 MHz) was considered for each sector of the proposed installation. This Channel has a transmit power of 160 Watts per Channel.
- 6) 1 UMTS channel (AWS Band - 2100 MHz) was considered for each sector of the proposed installation. This Channel has a transmit power of 10 Watts per Channel.

- 7) 1 LTE channel (AWS Band – 2100 MHz) was considered for each sector of the proposed installation. This Channel has a transmit power of 160 Watts per Channel.
- 8) 1 LTE Traffic channel (LTE 1C and 2C BRS Band - 2500 MHz) was considered for each sector of the proposed installation. This Channel has a transmit power of 45 Watts.
- 9) 1 LTE Broadcast channel (LTE 1C and 2C BRS Band - 2500 MHz) was considered for each sector of the proposed installation. This Channel has a transmit power of 15 Watts.
- 10) 1 NR Traffic channel (BRS Band - 2500 MHz) was considered for each sector of the proposed installation. This Channel has a transmit power of 90 Watts.
- 11) 1 NR Broadcast channel (BRS Band - 2500 MHz) was considered for each sector of the proposed installation. This Channel has a transmit power of 30 Watts.
- 12) All radios at the proposed installation were considered to be running at full power and were uncombined in their RF transmissions paths per carrier prescribed configuration. Per FCC OET Bulletin No. 65 - Edition 97-01 recommendations to achieve the maximum anticipated value at each sample point, all power levels emitting from the proposed antenna installation are increased by a factor of 2.56 to account for possible in-phase reflections from the surrounding environment. This is rarely the case, and if so, is never continuous.
- 13) For the following calculations, the sample point was the top of a 6-foot person standing at the base of the tower. The maximum gain of the antenna per the antenna manufacturer's supplied specifications, minus 10 dB for directional panel antennas and 20 dB for highly focused parabolic microwave dishes, was used in this direction. This value is a very conservative estimate as gain reductions for these particular antennas are typically much higher in this direction.
- 14) The antennas used in this modeling are the RFS APXVAALL24_43-U-NA20 for the 600 MHz / 600 MHz / 700 MHz channel(s), the Ericsson AIR 6419 for the 2500 MHz / 2500 MHz / 2500 MHz / 2500 MHz channel(s), the Commscope VV-65A-RI for the 1900 MHz / 1900 MHz / 2100 MHz / 2100 MHz channel(s) in Sector A, the RFS APXVAALL24_43-U-NA20 for the 600 MHz / 600 MHz / 700 MHz channel(s), the Ericsson AIR 6419 for the 2500 MHz / 2500 MHz / 2500 MHz / 2500 MHz channel(s), the Commscope VV-65A-RI for the 1900 MHz / 1900 MHz / 2100 MHz / 2100 MHz channel(s) in Sector B, the RFS APXVAALL24_43-U-NA20 for the 600 MHz / 600 MHz / 700 MHz channel(s), the Ericsson AIR 6419 for the 2500 MHz / 2500 MHz / 2500 MHz / 2500 MHz channel(s), the Commscope VV-65A-RI for the 1900 MHz / 1900 MHz / 2100 MHz / 2100 MHz channel(s) in Sector C. This is based on feedback from the carrier with regard to anticipated antenna selection. All Antenna gain values

and associated transmit power levels are shown in the Site Inventory and Power Data table below. The maximum gain of the antenna per the antenna manufacturer's supplied specifications, minus 10 dB for directional panel antennas and 20 dB for highly focused parabolic microwave dishes, was used for all calculations. This value is a very conservative estimate as gain reductions for these particular antennas are typically much higher in this direction.

- 15) The antenna mounting height centerline of the proposed antennas is 193 feet above ground level (AGL).
- 16) Emissions values for additional carriers were taken from the Connecticut Siting Council active database. Values in this database are provided by the individual carriers themselves.
- 17) All calculations were done with respect to uncontrolled / general population threshold limits.

T-Mobile Site Inventory and Power Data

Sector:	A	Sector:	B	Sector:	C
Antenna #:	1	Antenna #:	1	Antenna #:	1
Make / Model:	RFS APXVAALL24_43- U-NA20	Make / Model:	RFS APXVAALL24_43- U-NA20	Make / Model:	RFS APXVAALL24_43- U-NA20
Frequency Bands:	600 MHz / 600 MHz / 700 MHz	Frequency Bands:	600 MHz / 600 MHz / 700 MHz	Frequency Bands:	600 MHz / 600 MHz / 700 MHz
Gain:	12.95 dBd / 12.95 dBd / 13.65 dBd	Gain:	12.95 dBd / 12.95 dBd / 13.65 dBd	Gain:	12.95 dBd / 12.95 dBd / 13.65 dBd
Height (AGL):	193 feet	Height (AGL):	193 feet	Height (AGL):	193 feet
Channel Count:	3	Channel Count:	3	Channel Count:	3
Total TX Power (W):	160.00 Watts	Total TX Power (W):	160.00 Watts	Total TX Power (W):	160.00 Watts
ERP (W):	3,293.87	ERP (W):	3,293.87	ERP (W):	3,293.87
Antenna A1 MPE %:	0.81%	Antenna B1 MPE %:	0.81%	Antenna C1 MPE %:	0.81%
Antenna #:	2	Antenna #:	2	Antenna #:	2
Make / Model:	Ericsson AIR 6419	Make / Model:	Ericsson AIR 6419	Make / Model:	Ericsson AIR 6419
Frequency Bands:	2500 MHz / 2500 MHz / 2500 MHz / 2500 MHz	Frequency Bands:	2500 MHz / 2500 MHz / 2500 MHz / 2500 MHz	Frequency Bands:	2500 MHz / 2500 MHz / 2500 MHz / 2500 MHz
Gain:	22.05 dBd / 15.55 dBd / 22.05 dBd / 15.55 dBd	Gain:	22.05 dBd / 15.55 dBd / 22.05 dBd / 15.55 dBd	Gain:	22.05 dBd / 15.55 dBd / 22.05 dBd / 15.55 dBd
Height (AGL):	193 feet	Height (AGL):	193 feet	Height (AGL):	193 feet
Channel Count:	4	Channel Count:	4	Channel Count:	4
Total TX Power (W):	180.00 Watts	Total TX Power (W):	180.00 Watts	Total TX Power (W):	180.00 Watts
ERP (W):	23,258.96	ERP (W):	23,258.96	ERP (W):	23,258.96
Antenna A2 MPE %:	2.39%	Antenna B2 MPE %:	2.39%	Antenna C2 MPE %:	2.39%
Antenna #:	3	Antenna #:	3	Antenna #:	3
Make / Model:	Commscope VV-65A- RI	Make / Model:	Commscope VV-65A- RI	Make / Model:	Commscope VV-65A- RI
Frequency Bands:	1900 MHz / 1900 MHz / 2100 MHz / 2100 MHz	Frequency Bands:	1900 MHz / 1900 MHz / 2100 MHz / 2100 MHz	Frequency Bands:	1900 MHz / 1900 MHz / 2100 MHz / 2100 MHz
Gain:	15.55 dBd / 15.55 dBd / 16.05 dBd / 16.05 dBd	Gain:	15.55 dBd / 15.55 dBd / 16.05 dBd / 16.05 dBd	Gain:	15.55 dBd / 15.55 dBd / 16.05 dBd / 16.05 dBd
Height (AGL):	193 feet	Height (AGL):	193 feet	Height (AGL):	193 feet
Channel Count:	4	Channel Count:	4	Channel Count:	4
Total TX Power (W):	340.00 Watts	Total TX Power (W):	340.00 Watts	Total TX Power (W):	340.00 Watts
ERP (W):	12,947.86	ERP (W):	12,947.86	ERP (W):	12,947.86
Antenna A3 MPE %:	1.33%	Antenna B3 MPE %:	1.33%	Antenna C3 MPE %:	1.33%

Site Composite MPE %	
Carrier	MPE %
T-Mobile (Max at Sector A):	4.53%
Sprint	0.58%
Clearwire	0.06%
Verizon	8.89%
AT&T	1.8%
Dept Homeland Security - ICE	1.44%
Site Total MPE % :	17.30%

T-Mobile MPE % Per Sector	
T-Mobile Sector A Total:	4.53%
T-Mobile Sector B Total:	4.53%
T-Mobile Sector C Total:	4.53%
Site Total MPE % :	17.30%

T-Mobile Maximum MPE Power Values (Sector A)

T-Mobile Frequency Band / Technology (Sector A)	# Channels	Watts ERP (Per Channel)	Height (feet)	Total Power Density ($\mu\text{W}/\text{cm}^2$)	Frequency (MHz)	Allowable MPE ($\mu\text{W}/\text{cm}^2$)	Calculated % MPE
T-Mobile 600 MHz LTE	1	788.97	193.0	0.81	600 MHz LTE	400	0.20%
T-Mobile 600 MHz NR	1	1577.94	193.0	1.62	600 MHz NR	400	0.41%
T-Mobile 700 MHz LTE	1	926.96	193.0	0.95	700 MHz LTE	467	0.20%
T-Mobile 2500 MHz LTE IC & 2C Traffic	1	7214.60	193.0	7.42	2500 MHz LTE IC & 2C Traffic	1000	0.74%
T-Mobile 2500 MHz LTE IC & 2C Broadcast	1	538.38	193.0	0.55	2500 MHz LTE IC & 2C Broadcast	1000	0.06%
T-Mobile 2500 MHz NR Traffic	1	14429.21	193.0	14.83	2500 MHz NR Traffic	1000	1.48%
T-Mobile 2500 MHz NR Broadcast	1	1076.77	193.0	1.11	2500 MHz NR Broadcast	1000	0.11%
T-Mobile 1900 MHz GSM	1	358.92	193.0	0.37	1900 MHz GSM	1000	0.04%
T-Mobile 1900 MHz LTE	1	5742.75	193.0	5.90	1900 MHz LTE	1000	0.59%
T-Mobile 2100 MHz UMTS	1	402.72	193.0	0.41	2100 MHz UMTS	1000	0.04%
T-Mobile 2100 MHz LTE	1	6443.47	193.0	6.62	2100 MHz LTE	1000	0.66%
						Total:	4.53%

• NOTE: Totals may vary by approximately 0.01% due to summation of remainders in calculations.

Summary

All calculations performed for this analysis yielded results that were **within** the allowable limits for general population exposure to RF Emissions.

The anticipated maximum composite contributions from the T-Mobile facility as well as the site composite emissions value with regards to compliance with FCC's allowable limits for general population exposure to RF Emissions are shown here:

T-Mobile Sector	Power Density Value (%)
Sector A:	4.53%
Sector B:	4.53%
Sector C:	4.53%
T-Mobile Maximum MPE % (Sector A):	4.53%
Site Total:	17.30%
Site Compliance Status:	COMPLIANT

The anticipated composite MPE value for this site assuming all carriers present is **17.30%** of the allowable FCC established general population limit sampled at the ground level. This is based upon values listed in the Connecticut Siting Council database for existing carrier emissions.

FCC guidelines state that if a site is found to be out of compliance (over allowable thresholds), that carriers over a 5% contribution to the composite value will require measures to bring the site into compliance. For this facility, the composite values calculated were well within the allowable 100% threshold standard per the federal government.