1 INDUSTRIAL AVE,
S E 3
M HWAH NJ 07430

P NE: 201.684.0055
F 201.684.0066

Transcend Wireless

June 3rd, 2022

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

RE: Notice of Exempt Modification
14 Canton Springs Road, Canton, CT 06019
Latitude: 41.822876
Longitude: -72.895164
T-Mobile Site#: CT11275C - Anchor

Dear Ms. Bachman:

T-Mobile currently maintains six (6) antennas at the 100-foot level of the existing 169-foot monopole tower at 14 Canton Springs Road, Canton, CT. The 169-foot monopole tower is owned and operated by American Tower. The property is owned by the Canton Volunteer Fire Department. T-Mobile now intends to remove and replace (6) antennas at the 100-foot level of the tower. These antennas will support 5G services.

Planned Modifications:
Tower:
Install New:
(3) Ericsson AIR 6419 B41 Antennas
(3) RFS APXVAALL24 Antennas
(3) Radio 4480
(3) Radio 4460 B25 B66
(3) 6x24 Hybrid Cables

To Be Removed:
(3) APXV18 Antennas
(3) LNX-6515DS
(3) TTAs
(3) Diplexers
(12) 1 ⅝" Coax Cables

Ground:
Install (1) Enclosure 6160 AC V1, (1) B160, and RP 6651.

This facility was originally approved by the town of Canton Zoning Commission on February 26, 1999. This modification will not break any of the conditions set forth in this approval.

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.SA. § 16-SOj-73, a copy of this letter is being sent to First Selectman Robert Bessel, Elected Official, and Neil Pade, 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: Robert Bessel - First Selectman of Canton
Neil Pade - Zoning Enforcement Officer
American Tower - Tower Owner
Canton Volunteer Fire Department - Property Owner

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 9605 8396

BILLING: P/P

Reference #1: CT11275C

XOL 22.04.20 NV45 23.0A 05/2022*

ERIC BREUN
2016587728
1 INTERNATIONAL BLVD.
MAHWAH NJ 07495

1 LBS

1 OF 1

SHIP TO:
CANTON VOLUNTEER FIRE DEPARTMENT
14 CANTON SPRINGS ROAD
CANTON CT 06019

CT 067 9-03

UPS GROUND
TRACKING #: 1Z V25 742 03 9926 8387

BILLING: P/P

Reference #1: CT11275C

XOL 22.04.20 NV45 23.0A 05/2022*

ERIC BREUN
2016587728
1 INTERNATIONAL BLVD.
MAHWAH NJ 07495

1 LBS

1 OF 1

SHIP TO:
ZEO
NEIL PADE
4 MARKET STREET
CANTON CT 06019

CT 067 9-03

UPS GROUND

TRACKING #: 1Z V25 742 03 9010 4953

BILLING: P/P

Reference #1: CT11275C

XOL 22.04.20 NV45 23.0A 05/2022*

ERIC BREUN
2016587728
1 INTERNATIONAL BLVD.
MAHWAH NJ 07495

1 LBS

1 OF 1

SHIP TO:
ROBERT BESSEL
4 MARKET STREET
CANTON CT 06019

CT 067 9-03

UPS GROUND

TRACKING #: 1Z V25 742 03 9092 2944

BILLING: P/P

Reference #1: CT11275C

XOL 22.04.20 NV45 23.0A 05/2022*

Hello, your package has been delivered.

Delivery Date: Wednesday, 06/01/2022

Delivery Time: 12:34 PM

Signed by: SMITH

TRANSCEND WIRELESS

Tracking Number:	1ZV257420390104953
Ship To:	NEIL PADE 4 MARKET STREET CANTON, CT 06019 US
Number of Packages:	1
UPS Service:	UPS Ground
Package Weight:	1.0 LBS
Reference Number:	CT11275C

Hello, your package has been delivered.

Delivery Date: Wednesday, 06/01/2022

Delivery Time: 12:34 PM

Signed by: SMITH

TRANSCEND WIRELESS

Tracking Number:	1ZV257420390922944
Ship To:	ROBERT BESSEL 4 MARKET STREET CANTON, CT 06019 US
Number of Packages:	1
UPS Service:	UPS Ground
Package Weight:	1.0 LBS
Reference Number:	CT11275C

Hello, your package has been delivered.

Delivery Date: Wednesday, 06/01/2022

Delivery Time: 11:42 AM

Signed by: ANCRI

TRANSCEND WIRELESS

Tracking Number:	1ZV257420396058396
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:	CT11275C

Hello, your package has been delivered.

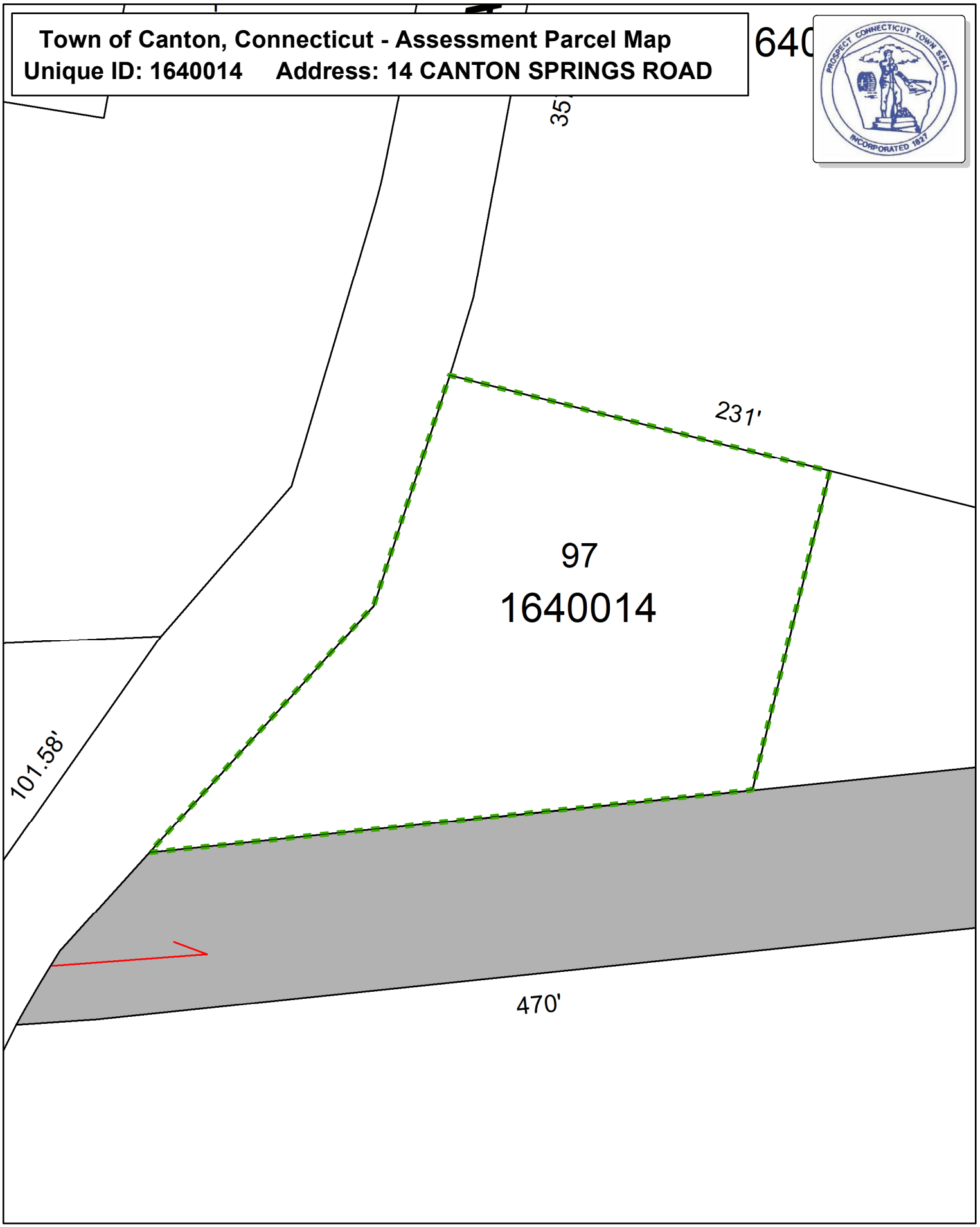
Delivery Date: Wednesday, 06/01/2022

Delivery Time: 11:19 AM

Signed by: CVF

TRANSCEND WIRELESS

Tracking Number:	1ZV257420399268387
Ship To:	CANTON VOLUNTEER FIRE DEPARTMENT 14 CANTON SPRINGS ROAD CANTON, CT 06019 US
Number of Packages:	1
UPS Service:	UPS Ground
Package Weight:	1.0 LBS
Reference Number:	CT11275C



N
W E
S

Approximate Scale:

1 inch = 50 feet

Disclaimer:
This map is for informational purposes only.
All information is subject to verification by any user.
The Town of Canton and its mapping contractors
assume no legal responsibility for the information contained herein.

Map Produced
June 2021

Sublot
Easement
4850007 Parcel ID
89' Dimension

Canton

Unique ID: 1640014 **Card No:** 1

Location:	14 CANTON SPRINGS ROAD	Map Id:	31/164/0014	Zone:	CVDVD	Date Printed:	5/31/2022
		Neighborhood:	C05			Last Update:	5/30/2022

Owner Of Record	Volume/Page	Date	Sales Type	Valid	Sale Price
CANTON VOLUNTEER FIRE	0059/0433			No	0
DEPARTMENT, P.O. BOX 104, CANTON, CT 06019			Exempt		

Prior Owner History

Permit Number	Date	Permit Description

Supplemental Data

Census/Tract	Clerk Map Locatior	00000
Dev Map ID		
	New Zone 2020	CVDVD
Utilities	Sewer, Well	

Appraised Value

Total Land Value	36,750
Total Building Value	463,513
Total Outbldg Value	4,000
Total Market Value	504,263

Acres

Land Type	Acres	490	Total Value
Primary Site	0.49	0.00	36,750
Total	0.49	0.00	36,750

State Item Codes

Code	Quantity	Value
22-Commercial Building	1.00	324.460
21-Commercial Land	0.49	25,720
25-Commercial Outbuilding	1.00	2.800

Assessment History (Prior Years as of Oct 1)

	2022	2021	2020	2019	2018
Land	25,720	25,720	25,720	25,720	25,720
Building	324,460	324,460	324,460	324,460	324,460
Outbuilding	2,800	2,800	2,800	2,800	2,800
Total	**352,980**	**352,980**	**352,980**	**352,980**	**352,980**

490 Appraised Totals

Type	Acres	Value	Type	Acres	Value
			Totals	**0.00**	**0**

Application Date: **Expiration Date:**

Comments

Information may be deemed reliable, but not guaranteed. **Revaluation Date:** 10/1/2018

Canton

Unique ID: 1640014

Location:	14 CANTON SPRINGS ROAD	**Unit**	

Commercial Building Description

Building Use	Public Use
Class	Wood Frame
Overall Condition	Average/Good
Construction Quality	B-
Stories	1.00
Year Built	1962
Remodel	
Percent Complete	100
GLA	**5840**

Basement

Basement Area	0

HVAC

Heating Type	FHA
Fuel Type	UnKnown
Cooling Type	Central

Interior

Floors	Concrete
Walls	Drywall
Wall Height	

Exterior

Exterior Walls	Wood Frame
Roof Type	Asphalt
Roof Cover	Gable

Special Features

Description	Area/Qty
Base Value	5840
Central Air	5840

Attached Component Computations

Type	Yr Blt	Area/Qty

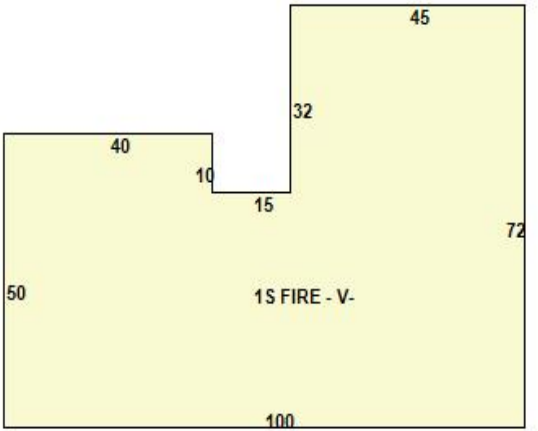


Photo Not Available

Detached Component Computations

Type	Year	Condition	Area/Qty
Paving	1962	Average	5000

Type	Year	Condition	Area/Qty

ZONING COMMISSION
Canton, Connecticut INC. 1806
4 Market Street, Collinsville, Connecticut 06022

February 26, 1999

Mr. Kenneth C. Baldwin
Robinson & Cole, LLP
One Commercial Plaza
280 Trumbull Street
Hartford, CT 06103-3597

1. RE: Special Exception and Site Plan Modification for Communications Tower and Facility, File #218, Apln 795; 14 Canton Springs Road; Canton Volunteer Fire Company, Inc., owner/applicant.

Dear Mr. Baldwin::

At a regular meeting held on Wednesday, February 17, 1999 at the Town Hall in Collinsville, the Canton Zoning Commission voted to approve the above-captioned request for a special exception and site plan modification in accordance with Canton Zoning Regulations §67.4.

This action of the Commission shall be effective 14 days after publication of the decision in the Hartford Courant on March 2, 1999.

RECORDING YOUR APPROVAL:

Enclosed you will find the Certificate of Action. In order to validate the certificate and make the action of the Commission effective, you must bring the original Certificate of Action to the Canton Town Clerk to be recorded on the Canton Land Records. Recording fees may be obtained by calling the Town Clerk's office at 693-7870.

Sincerely,

Eric M. Barz

Eric M. Barz, A.I.C.P.
Director of Planning and Community Development

Telephone (860) 693-7856

Fax (860) 693-7840

CERTIFICATE OF ACTION

CANTON ZONING COMMISSION

OWNER OF RECORD:	[	**ZONING FILE** *218*
Canton Volunteer Fire Company, Inc.	[	**APPLICATION** *795*
14 Canton Springs Road	[	**District** *B1*
Canton, CT 06019	[	**Map** *4-3* **Lot** *97*
APPLICANT: *Mr. Ralph Trumbull*	[	**Location** *14 Canton Springs Road*

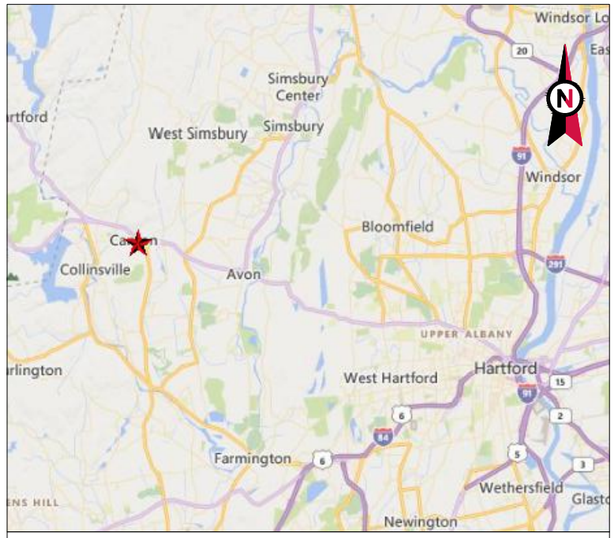
APPROVAL OF SPECIAL EXCEPTION AND SITE PLAN MODIFICATION

As Secretary of the Canton Zoning Commission, I certify that at a regular meeting on February 17, 1999 the Zoning Commission approved your request for a special exception and site plan modification.

As approved, the Zoning Commission finds this application to be in conformance with Section 67.4 of the Canton Zoning Regulations.

Dated at Canton, Connecticut on February 26, 1999.

Douglas Kress, Secretary
CANTON ZONING COMMISSION



VICINITY MAP

AMERICAN TOWER®

ATC SITE NAME: CANTON CT
ATC SITE NUMBER: 411256
T-MOBILE SITE NAME: SIMSBURY-1/RT 10
T-MOBILE SITE NUMBER: CT11275C
SITE ADDRESS: 14 CANTON SPRINGS ROAD
CANTON, CT 06019

LOCATION MAP

T-MOBILE ANCHOR AMENDMENT PLAN
67E5D998E ODE+6160 CONFIGURATION

COMPLIANCE CODE

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

UTILITY COMPANIES

POWER COMPANY: NORTHEAST UTILITIES
PHONE: 800-266-2000

TELEPHONE COMPANY: UNKNOWN
PHONE: N/A

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

PROJECT SUMMARY

SITE ADDRESS:

14 CANTON SPRINGS ROAD
CANTON, CT 06019
COUNTY: HARTFORD

GEOGRAPHIC COORDINATES:

LATITUDE: 41.822876
LONGITUDE: -72.895164
GROUND ELEVATION: 340' AMSL

PROJECT TEAM

TOWER OWNER:

AMERICAN TOWER
10 PRESIDENTIAL WAY
WOBURN, MA 01801

APPLICANT:

T-MOBILE

ENGINEER:

ATC TOWER SERVICES, LLC
3500 REGENCY PKWY STE 100
CARY, NC 27518

PROPERTY OWNER:

CANTON VOLUNTEER FIRE COMPANY INC
14 CANTON SPRINGS ROAD
CANTON, CT 06019

PROJECT DESCRIPTION

THE PROPOSED PROJECT INCLUDES MODIFYING GROUND BASED AND TOWER MOUNTED EQUIPMENT AS INDICATED PER BELOW:

TOWER WORK:
REMOVE (6) ANTENNA(s), (3) TTA(s), (3) DIPLEXER(s), AND (12) 1-5/8" COAX CABLE(s)

INSTALL MOUNT MODS, (6) ANTENNA(s), (6) RRU(s), AND (3) HYBRID TRUNK 6/24 4AWG CABLE(s)

GROUND WORK:
INSTALL (1) RP 6651, (1) 6160 CABINET, AND (1) B160 BATTERT CABINET

EXISTING (1) RBS 6201 CABINET AND (1) PTS 8003 BATTERY CABINET TO REMAIN

PROJECT NOTES

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).

PROJECT LOCATION DIRECTIONS

FROM MTSO TAKE 91 SOUTH TO 84 WEST FOLLOW 84 W TO EXIT 39 RTE 4 WEST, FOLLOW RTE 4 W FOR APPROX. 1 MILE TAKE A RIGHT ONTO RTE 10 NORTH(WATERVILLE RD.) FOLLOW RTE 10 N FOR APPROX. 5.4 MILES AND TAKE A LEFT ONTO RTE 44 WEST. FOLLOW FOR APPROX. 4.4 MILES AND TAKE A LEFT AT LIGHT TAKE YOUR FIRST LEFT ONTO CANTON SPRINGS RD. OUR TOWER IS ON THE LEFT APPROX 50 YARDS. NOTE: 1ST DOOR IS VERIZON GENERATOR & 3 RD DOOR IS CELL SITE DOOR.

SHEET INDEX

SHEET NO:	DESCRIPTION:	REV:	DATE:	BY:
G-001	TITLE SHEET	1	05/04/22	TC
G-002	GENERAL NOTES	0	05/04/22	TC
C-101	DETAILED SITE PLAN	1	05/04/22	TC
C-102	DETAILED EQUIPMENT PLAN	1	05/04/22	TC
C-201	TOWER ELEVATION	0	05/04/22	TC
C-401	ANTENNA INFORMATION & SCHEDULE	0	05/04/22	TC
C-501	CONSTRUCTION DETAILS	0	05/04/22	TC
E-501	GROUNDING DETAILS	0	05/04/22	TC
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			

AMERICAN TOWER®
A.T. ENGINEERING SERVICE, PLLC
3500 REGENCY PARKWAY
SUITE 100
CARY, NC 27518
PHONE: (919) 468-0112
COA: P-1177

REV.	DESCRIPTION	BY	DATE
0	FOR CONSTRUCTION	TC	05/04/22
1	CONDUITS	TC	05/04/22

ATC SITE NUMBER:
411256

ATC SITE NAME:
CANTON CT

T-MOBILE SITE NAME:
SIMSBURY-1/RT 10

SITE ADDRESS:
14 CANTON SPRINGS ROAD
CANTON, CT 06019

SEAL:

Authorized by "EOR"
05 May 2022 03:22:53

T-Mobile cosign

DATE DRAWN:	05/04/22
ATC JOB NO:	14071471_G3
CUSTOMER ID:	SIMSBURY-1/RT 10
CUSTOMER #:	CT11275C

TITLE SHEET

SHEET NUMBER:	REVISION:
G-001	1

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 ANSI/EIA/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 NEGLECT ON THE PART OF THIS CONTRACTOR OR HIS REPRESENTATIVES, OR BY THE ELEMENTS DUE TO NEGLECT 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.

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 COAXIAL CABLE (NOT WITHIN BENDS)

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.

AMERICAN TOWER®
A.T. ENGINEERING SERVICE, PLLC
3500 REGENCY PARKWAY
SUITE 100
CARY, NC 27518
PHONE: (919) 468-0112
COA: P-1177

REV.	DESCRIPTION	BY	DATE
0	FOR CONSTRUCTION	TC	05/04/22

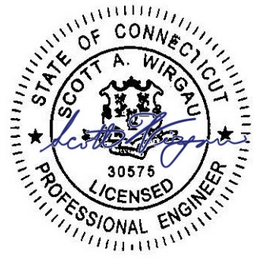
ATC SITE NUMBER:
411256

ATC SITE NAME:
CANTON CT

T-MOBILE SITE NAME:
SIMSBURY-1/RT 10

SITE ADDRESS:
14 CANTON SPRINGS ROAD
CANTON, CT 06019

SEAL:



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05 May 2022 03:22:54

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DATE DRAWN:	05/04/22
ATC JOB NO:	14071471_G3
CUSTOMER ID:	SIMSBURY-1/RT 10
CUSTOMER #:	CT11275C

GENERAL NOTES

SHEET NUMBER:	REVISION:
G-002	0

SITE PLAN NOTES:

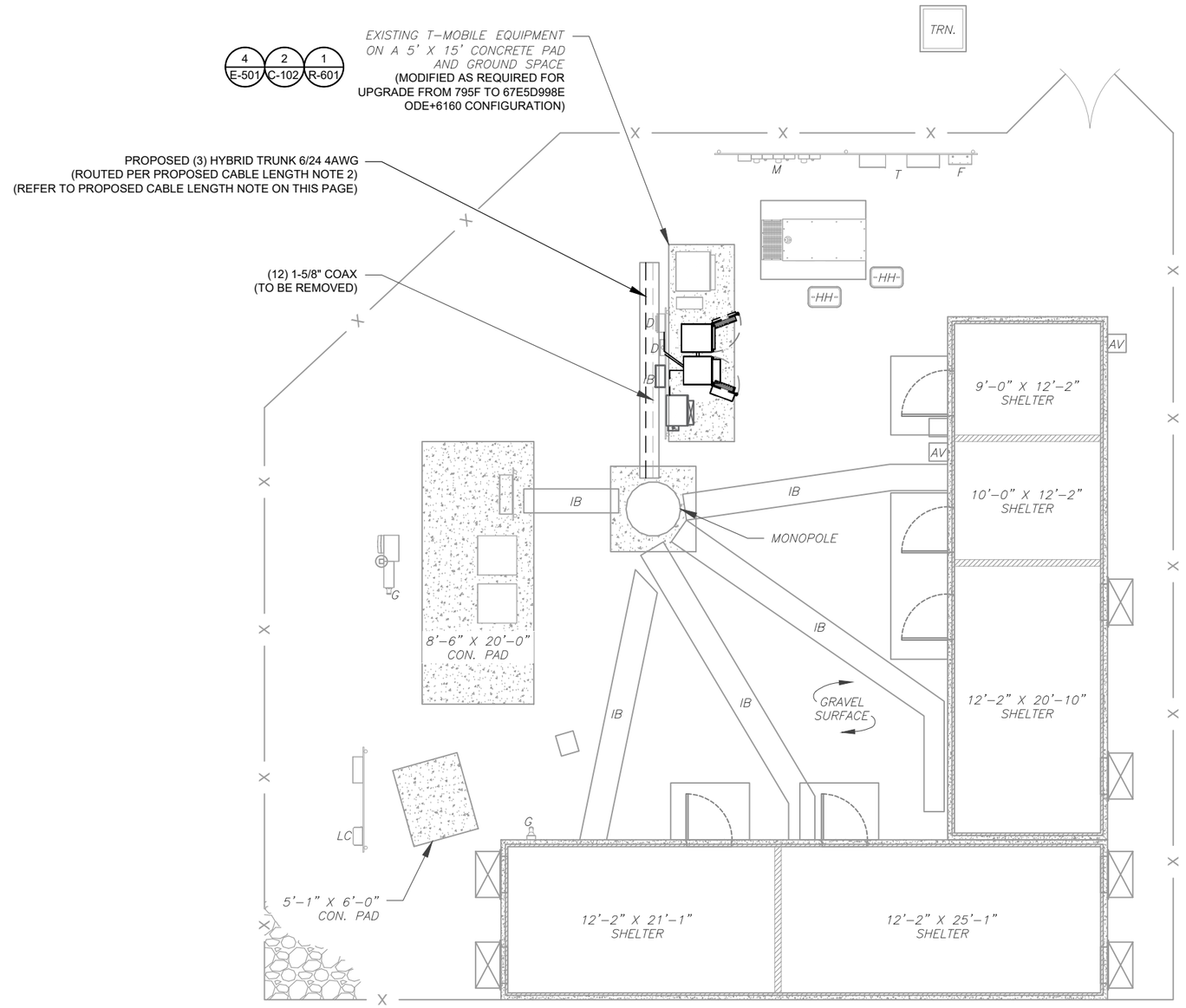
1. THIS SITE PLAN REPRESENTS THE BEST PRESENT KNOWLEDGE AVAILABLE TO THE ENGINEER AT THE TIME OF THIS DESIGN. THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO CONSTRUCTION AND VERIFY ALL EXISTING CONDITIONS RELATED TO THE SCOPE OF WORK FOR THIS PROJECT.
2. ICE BRIDGE, CABLE LADDER, COAX PORT, AND COAX CABLE 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.
3. 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:

1. ESTIMATED LENGTH OF PROPOSED CABLE IS **164'**. 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.
2. ROUTE PROPOSED CABLES ALONG SAME PATH AS EXISTING CABLES AND IN ACCORDANCE WITH STRUCTURAL ANALYSIS. IF ADEQUATE SPACE EXISTS, ROUTE CABLES THROUGH ENTRY PORT HOLE, UP INSIDE OF MONOPOLE, AND THROUGH EXIT PORT HOLE. IF ROUTING OUTSIDE THE MONOPOLE, ATTACH CABLES USING STAND-OFF ADAPTERS MOUNTED TO TOWER USING STAINLESS STEEL BANDING. ADEQUATELY SECURE CABLES USING EITHER APPROPRIATELY SIZED STAINLESS STEEL SNAP-INS OR MOUNTING HARDWARE AND BRACKETS AS SPECIFIED BY CABLE MANUFACTURER.



1 DETAILED SITE PLAN

GRAPHIC SCALE

10 0 5 10

(IN FEET)
1 UNIT = 10 FEET

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REV.	DESCRIPTION	BY	DATE
0	FOR CONSTRUCTION	TC	05/04/22
1	CONDUITS	TC	05/04/22

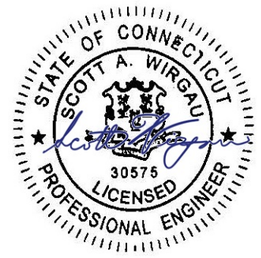
ATC SITE NUMBER:
411256

ATC SITE NAME:
CANTON CT

T-MOBILE SITE NAME:
SIMSBURY-1/RT 10

SITE ADDRESS:
14 CANTON SPRINGS ROAD
CANTON, CT 06019

SEAL:



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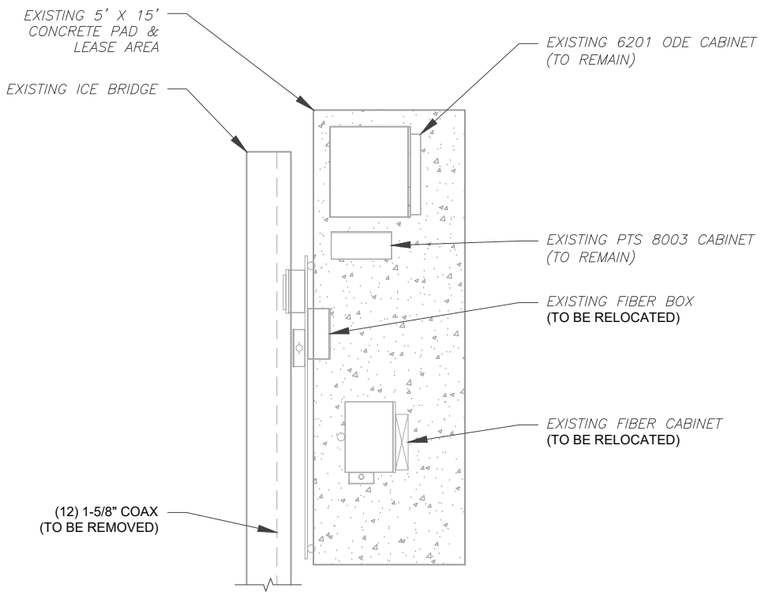
DATE DRAWN:	05/04/22
ATC JOB NO:	14071471_G3
CUSTOMER ID:	SIMSBURY-1/RT 10
CUSTOMER #:	CT11275C

DETAILED SITE PLAN

SHEET NUMBER:	REVISION:
C-101	1

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.



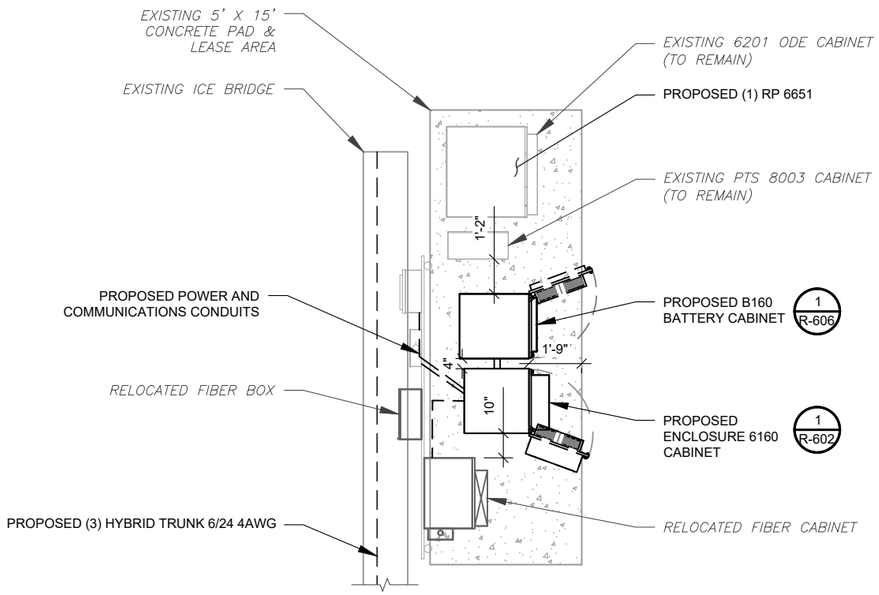
1 EXISTING GROUND EQUIPMENT LAYOUT

GRAPHIC SCALE

5 0 2.5 5

(IN FEET)
1 UNIT = 5 FEET

T-MOBILE CM APPROVAL REQUIRED BEFORE INSTALLING CABINETS.



2 PROPOSED GROUND EQUIPMENT LAYOUT

GRAPHIC SCALE

5 0 2.5 5

(IN FEET)
1 UNIT = 5 FEET

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REV.	DESCRIPTION	BY	DATE
0	FOR CONSTRUCTION	TC	05/04/22
1	CONDUITS	TC	05/04/22

ATC SITE NUMBER:
411256

ATC SITE NAME:
CANTON CT

T-MOBILE SITE NAME:
SIMSBURY-1/RT 10

SITE ADDRESS:
14 CANTON SPRINGS ROAD
CANTON, CT 06019

SEAL:

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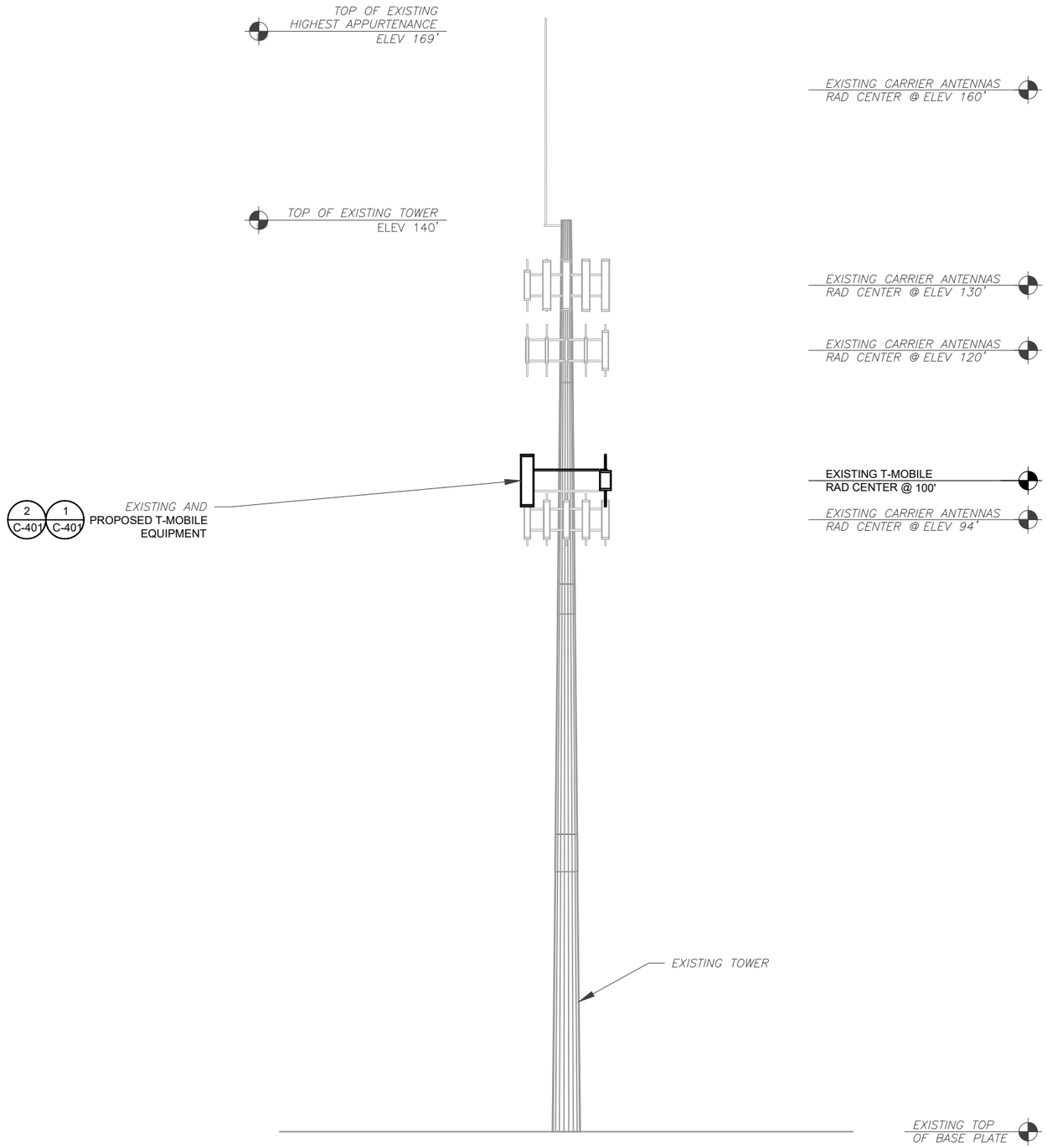
T-Mobile

DATE DRAWN:	05/04/22
ATC JOB NO:	14071471_G3
CUSTOMER ID:	SIMSBURY-1/RT 10
CUSTOMER #:	CT11275C

DETAILED EQUIPMENT PLAN

SHEET NUMBER:	REVISION:
C-102	1

PER MOUNT ANALYSIS COMPLETED BY POD GROUP, DATED 04/05/2022, THE EXISTING MOUNT MUST BE MODIFIED TO ADEQUATELY SUPPORT THE PROPOSED LOADING. THE MOUNT MODIFICATION PROPOSED IN THE MOUNT ANALYSIS, INCLUDED AT THE END OF THIS PLAN SET, MUST BE INSTALLED PRIOR TO THE INSTALLATION OF THE PROPOSED ANTENNAS AND OTHER EQUIPMENT.



1 TOWER ELEVATION
SCALE: N.T.S.

TOWER NOTE:

1. 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.
2. 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.
3. ROUTE PROPOSED CABLES ALONG SAME PATH AS EXISTING CABLES AND IN ACCORDANCE WITH STRUCTURAL ANALYSIS. IF ADEQUATE SPACE EXISTS, ROUTE CABLES THROUGH ENTRY PORT HOLE, UP INSIDE OF MONOPOLE, AND THROUGH EXIT PORT HOLE. IF ROUTING OUTSIDE THE MONOPOLE, ATTACH CABLES USING STAND-OFF ADAPTERS MOUNTED TO TOWER USING STAINLESS STEEL BANDING. ADEQUATELY SECURE CABLES USING EITHER APPROPRIATELY SIZED STAINLESS STEEL SNAP-INS OR MOUNTING HARDWARE AND BRACKETS AS SPECIFIED BY CABLE MANUFACTURER.
4. TOWER ELEVATIONS ARE MEASURED FROM TOP OF BASE PLATE TO MATCH STRUCTURAL ANALYSIS. ELEVATIONS DO NOT REFLECT TRUE ABOVE GROUND LEVEL (A.G.L.)
5. TOWER ELEVATION DEPICTION MAY NOT REFLECT ALL EQUIPMENT INCLUDED IN STRUCTURAL ANALYSIS. REFER TO STRUCTURAL ANALYSIS FOR FULL TOWER LOADING.

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REV.	DESCRIPTION	BY	DATE
0	FOR CONSTRUCTION	TC	05/04/22

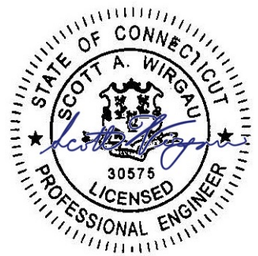
ATC SITE NUMBER:
411256

ATC SITE NAME:
CANTON CT

T-MOBILE SITE NAME:
SIMSBURY-1/RT 10

SITE ADDRESS:
14 CANTON SPRINGS ROAD
CANTON, CT 06019

SEAL:



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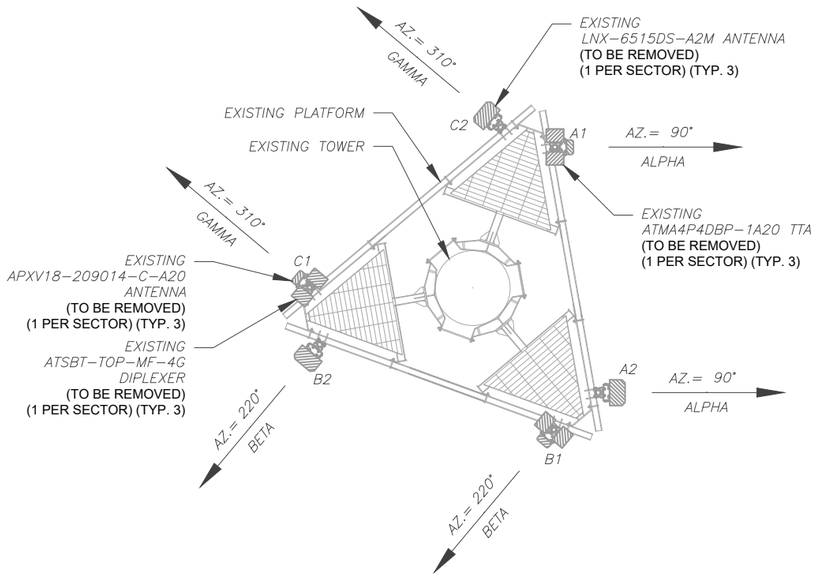
DATE DRAWN:	05/04/22
ATC JOB NO:	14071471_G3
CUSTOMER ID:	SIMSBURY-1/RT 10
CUSTOMER #:	CT11275C

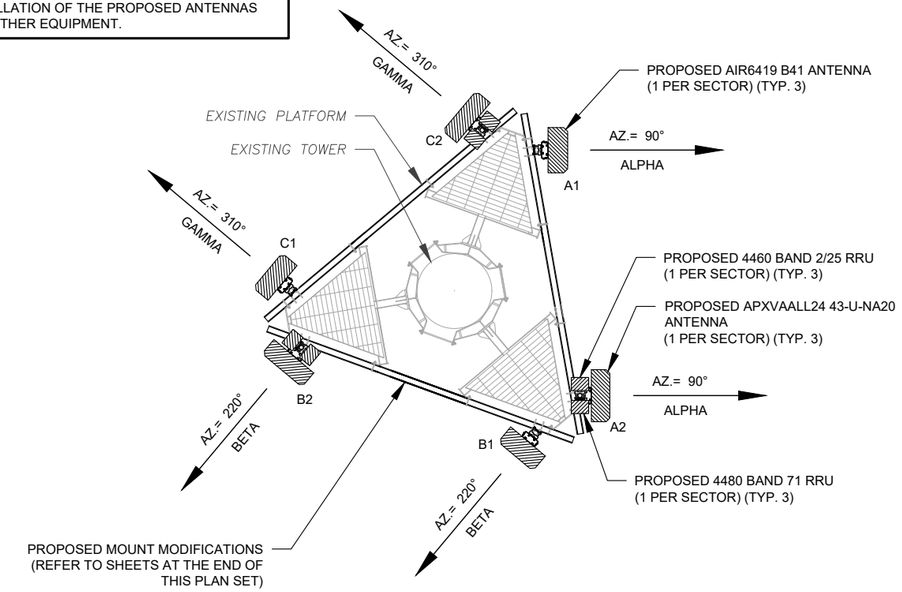
TOWER ELEVATION

SHEET NUMBER:	REVISION:
C-201	0



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

PER MOUNT ANALYSIS COMPLETED BY POD GROUP, DATED 04/05/2022, THE EXISTING MOUNT MUST BE MODIFIED TO ADEQUATELY SUPPORT THE PROPOSED LOADING. THE MOUNT MODIFICATION PROPOSED IN THE MOUNT ANALYSIS, INCLUDED AT THE END OF THIS PLAN SET, MUST BE INSTALLED PRIOR TO THE INSTALLATION OF THE PROPOSED ANTENNAS AND OTHER EQUIPMENT.



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	100'	90°	A1	APXV18-209014-C-A20	L2100/L1900/G1900	0°/2°	RMV	ATSBT-TOP-MF-4G	RMV
								ATMA4P4DBP-1A20	RMV
			A2	LNX-6515DS-A1M	L700	0°/2°	RMV	–	–
BETA	100'	220°	B1	APXV18-209014-C-A20	L2100/L1900/G1900	0°/2°	RMV	ATSBT-TOP-MF-4G	RMV
								ATMA4P4DBP-1A20	RMV
			B2	LNX-6515DS-A1M	L700	0°/2°	RMV	–	–
GAMMA	100'	310°	C1	APXV18-209014-C-A20	L2100/L1900/G1900	0°/2°	RMV	ATSBT-TOP-MF-4G	RMV
								ATMA4P4DBP-1A20	RMV
			C2	LNX-6515DS-A1M	L700	0°/2°	RMV	–	–

NOTES

1. CONFIRM WITH T-MOBILE REP FOR APPLICABLE UPDATES/REVISIONS AND MOST RECENT RFDS FOR NSN CONFIGURATION (CONFIG). GC TO CAP ALL UNUSED PORTS.
2. 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

CABLE LENGTHS FOR JUMPERS

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

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	100'	90°	A1	AIR 6419 B41	L2500/N2500	0°/2°	ADD	-	-
			A2	APXVAALL24 43-U-NA20	L700/L600/N600/L2100/L1900/G1900	0°/2°	ADD	4460 BAND 2/25	ADD
								4480 BAND 71	ADD
BETA	100'	220°	B1	AIR 6419 B41	L2500/N2500	0°/2°	ADD	-	-
			B2	APXVAALL24 43-U-NA20	L700/L600/N600/L2100/L1900/G1900	0°/2°	ADD	4460 BAND 2/25	ADD
								4480 BAND 71	ADD
GAMMA	100'	310°	C1	AIR 6419 B41	L2500/N2500	0°/2°	ADD	-	-
			C2	APXVAALL24 43-U-NA20	L700/L600/N600/L2100/L1900/G1900	0°/2°	ADD	4460 BAND 2/25	ADD
								4480 BAND 71	ADD

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

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

3 EQUIPMENT SCHEDULES

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REV.	DESCRIPTION	BY	DATE
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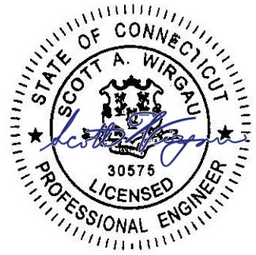

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DATE DRAWN:	05/04/22
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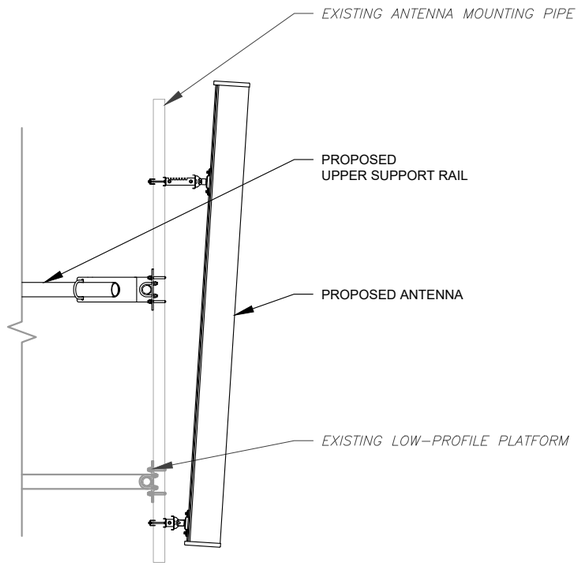
CUSTOMER ID:	SIMSBURY-1/RT 10
CUSTOMER #:	CT11275C

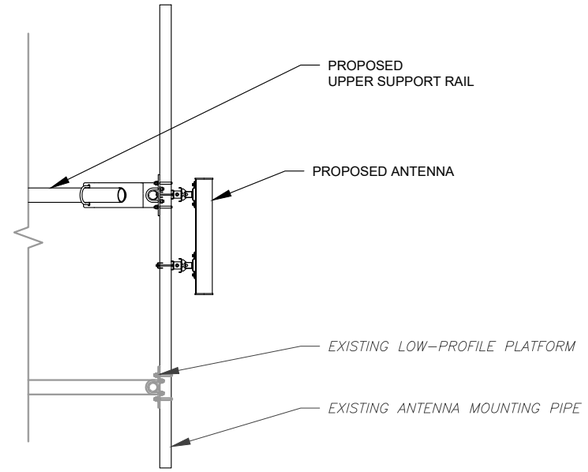
ANTENNA INFORMATION & SCHEDULE

SHEET NUMBER:	REVISION:
C-401	0



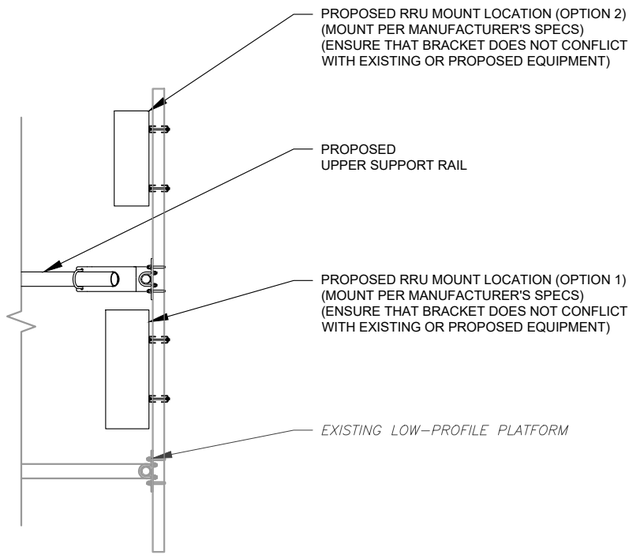
1 PROPOSED ANTENNA MOUNTING DETAIL - TYPICAL

SCALE: N.T.S.



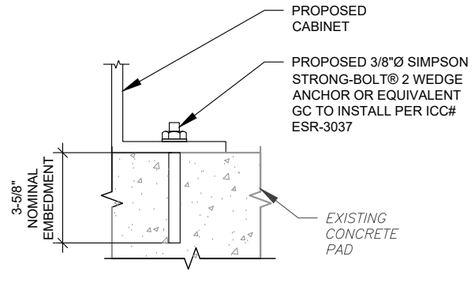
2 PROPOSED 5G ANTENNA MOUNTING DETAIL - TYPICAL

SCALE: N.T.S.



3 PROPOSED RRU MOUNTING DETAIL - TYPICAL

SCALE: N.T.S.



NOTE:

INSTALL SIMPSON STRONG-TIE® STRONG-BOLT® 2 WEDGE ANCHOR(S) STRICTLY PER INSTALLATION INSTRUCTIONS INCLUDED WITH PRODUCT OR FOUND ONLINE AT WWW.STRONGTIE.COM. PROPER INSTALLATION IS CRITICAL FOR FULL PERFORMANCE.

4 CABINET ATTACHMENT DETAIL

SCALE: N.T.S.

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REV.	DESCRIPTION	BY	DATE
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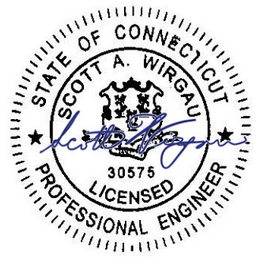
SEAL:



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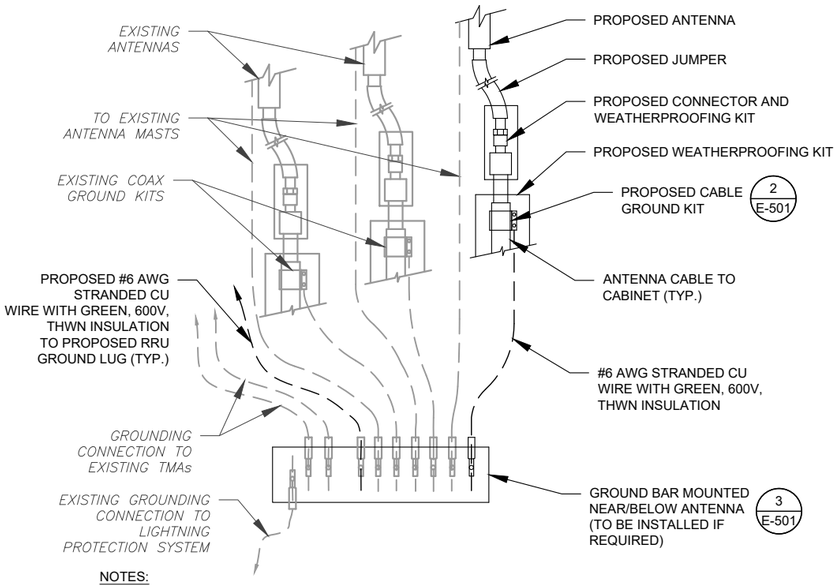
CUSTOMER #:	CT11275C

CONSTRUCTION DETAILS

SHEET NUMBER:	REVISION:
C-501	0

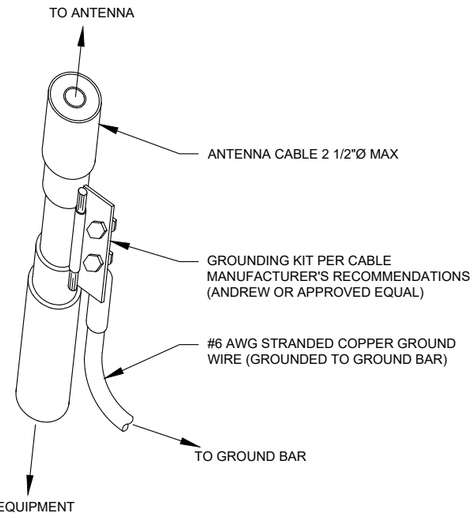


NOTES:

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.

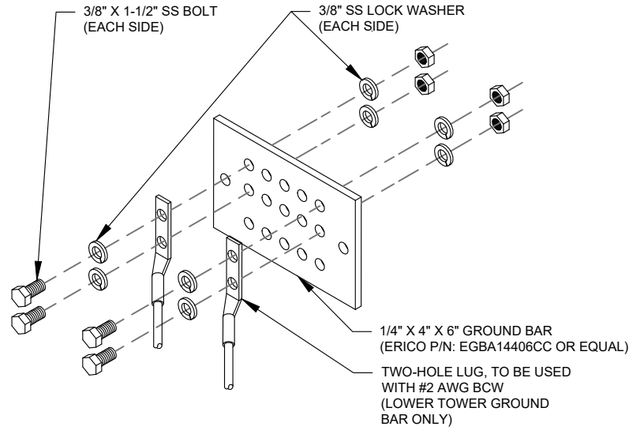


GROUND KIT NOTES:

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.

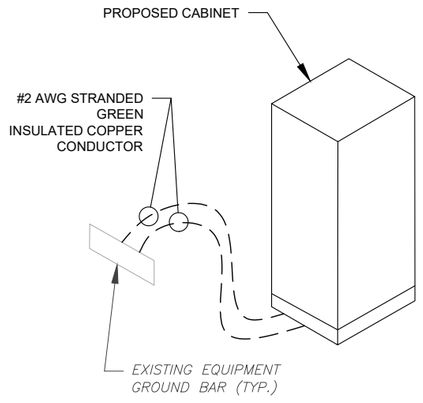
3 TOWER GROUND BAR DETAIL

SCALE: N.T.S.

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

4 CONDUIT USE TABLES



5 CABINET GROUNDING 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"

6 ELECTRICAL NOTES

AMERICAN TOWER®
A.T. ENGINEERING SERVICE, PLLC
3500 REGENCY PARKWAY
SUITE 100
CARY, NC 27518
PHONE: (919) 468-0112
COA: P-1177

REV.	DESCRIPTION	BY	DATE
0	FOR CONSTRUCTION	TC	05/04/22

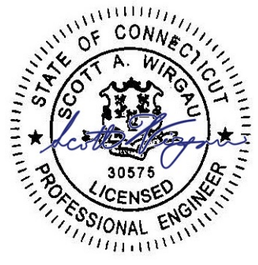
ATC SITE NUMBER:
411256

ATC SITE NAME:
CANTON CT

T-MOBILE SITE NAME:
SIMSBURY-1/RT 10

SITE ADDRESS:
14 CANTON SPRINGS ROAD
CANTON, CT 06019

SEAL:



Authorized by "EOR"
05 May 2022 03:22:55

T-Mobile cosign

DATE DRAWN:	05/04/22
ATC JOB NO:	14071471_G3
CUSTOMER ID:	SIMSBURY-1/RT 10
CUSTOMER #:	CT11275C

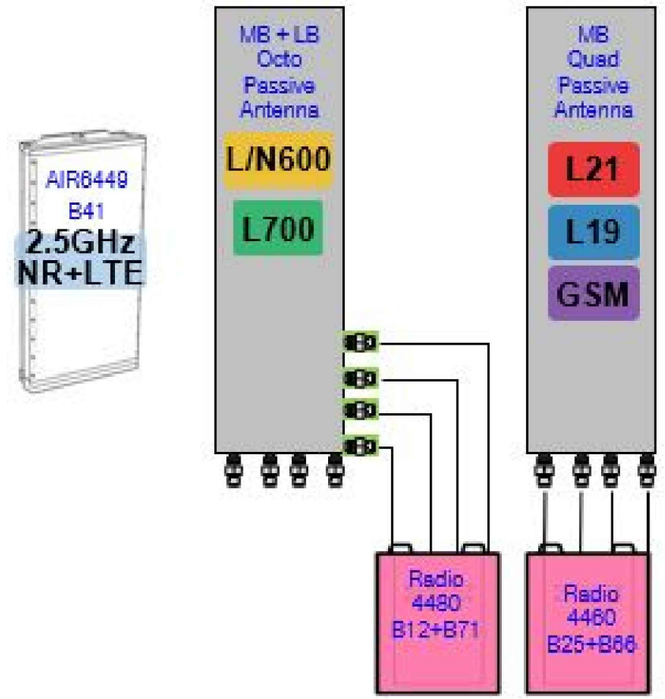
GROUNDING DETAILS

SHEET NUMBER:	REVISION:
E-501	0

Proposed RAN Equipment				
Template: 67E5D998E ODE+6160				
Enclosure	**1**	**2**	**3**	**4**
Enclosure Type	RBS 6201	Ancillary Equipment (Ericsson)	Enclosure 6160 AC V1	B160
Baseband	BB 6630 (L2100, L1900); DUG20 (G1900); RP 6651 (L700, L600, N600)		RP 6651 (N2500); RP 6651 (L2500)	
Hybrid Cable System	Ericsson Hybrid Trunk 6/24 4AWG 50m; PSU 4813 vR4A (Kit)		Ericsson Hybrid Trunk 6/24 4AWG 50m **(x 2)**; PSU 4813 vR4A (Kit)	
Transport System			CSR IXRe V2 (Gen2)	

1 CABINET CONFIGURATION

67E5A998E.JPG



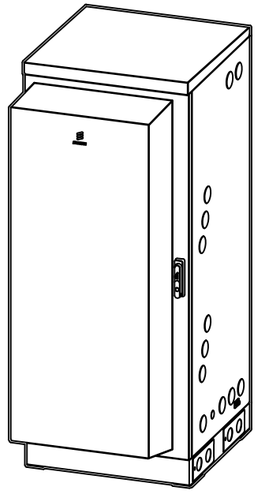
2 ANTENNA CONFIGURATION

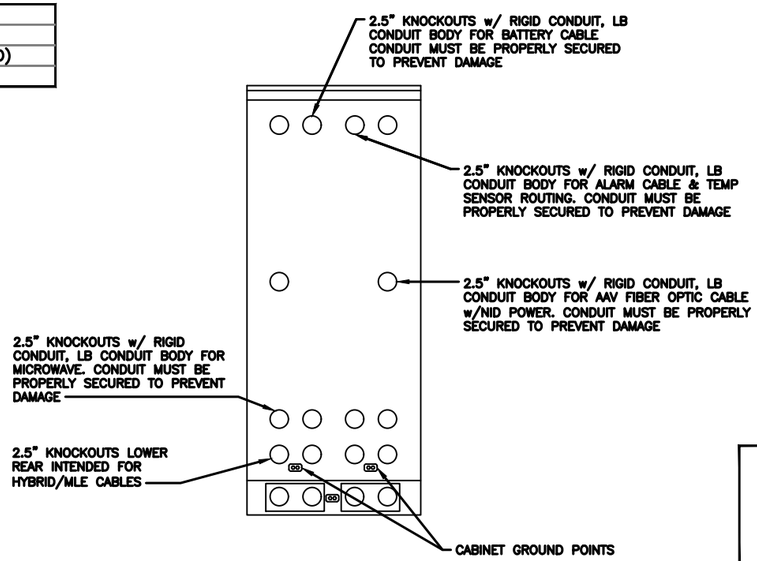
NOTE: THIS SHEET CREATED BY OTHERS AND PROVIDED BY REQUEST OF CUSTOMER WITHOUT EDIT.

SUPPLEMENTAL

SHEET NUMBER:	REVISION:
R-601	0

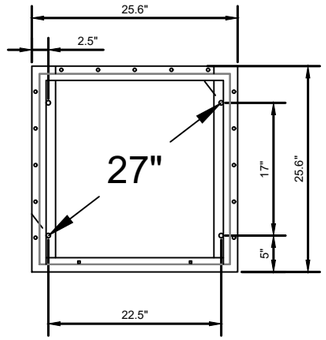
MANUFACTURER:	ERICSSON
MODEL:	6160 SITE SUPPORT CABINET
DIMENSIONS:	63" x 25.6" x 33.6" (H x W x D)
WEIGHT:	373 LBS





REAR VIEW

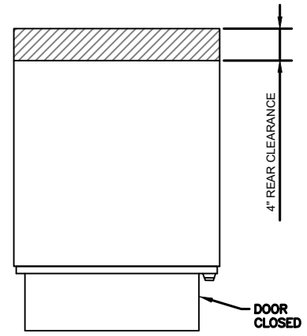
NOTE:
- CORRECT KNOCKOUT TOOL REQUIRED FOR PUNCHING KNOCKOUTS. DO NOT DRILL THROUGH KNOCKOUTS
- CONDUIT MUST BE PROPERLY SECURED TO PREVENT DAMAGE TO CABINETS AND OR CABLING

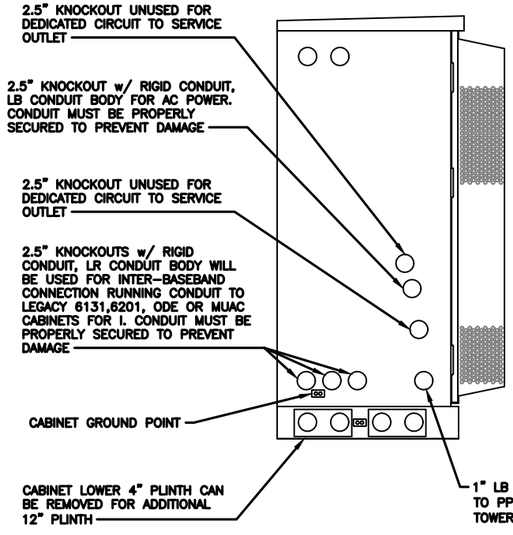


BOLT DOWN PATTERN

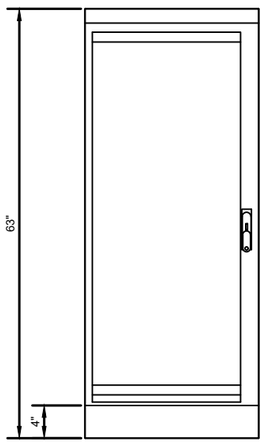
GROUNDING NOTE:

"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."

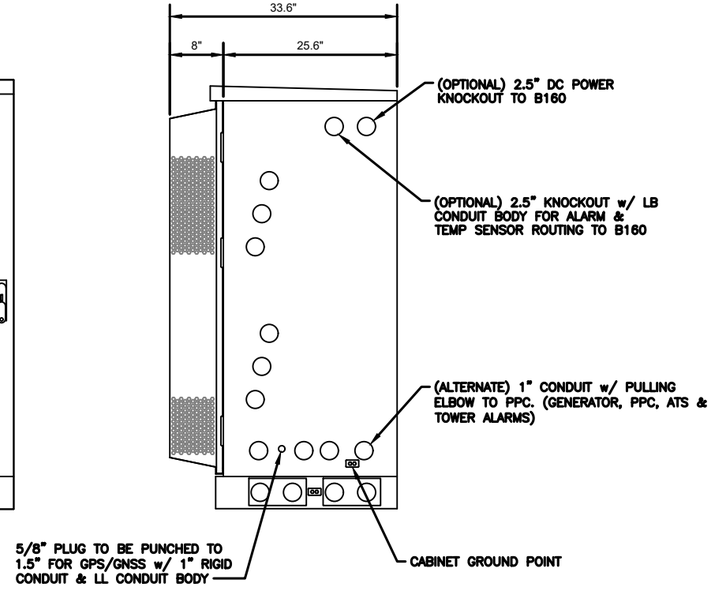




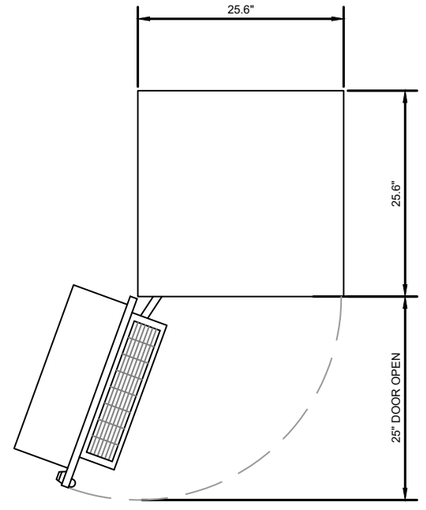
LEFT VIEW



FRONT VIEW



RIGHT VIEW



PLAN VIEW

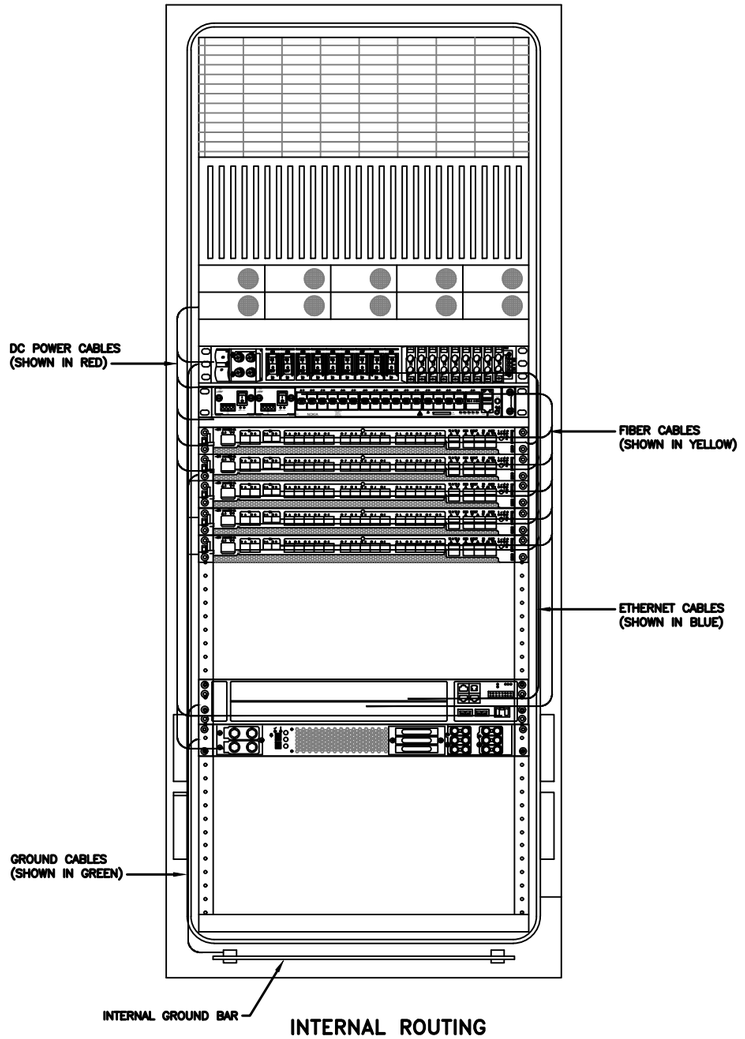
1 ERICSSON 6160 SITE SUPPORT CABINET SPECIFICATIONS

SCALE: N.T.S.

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

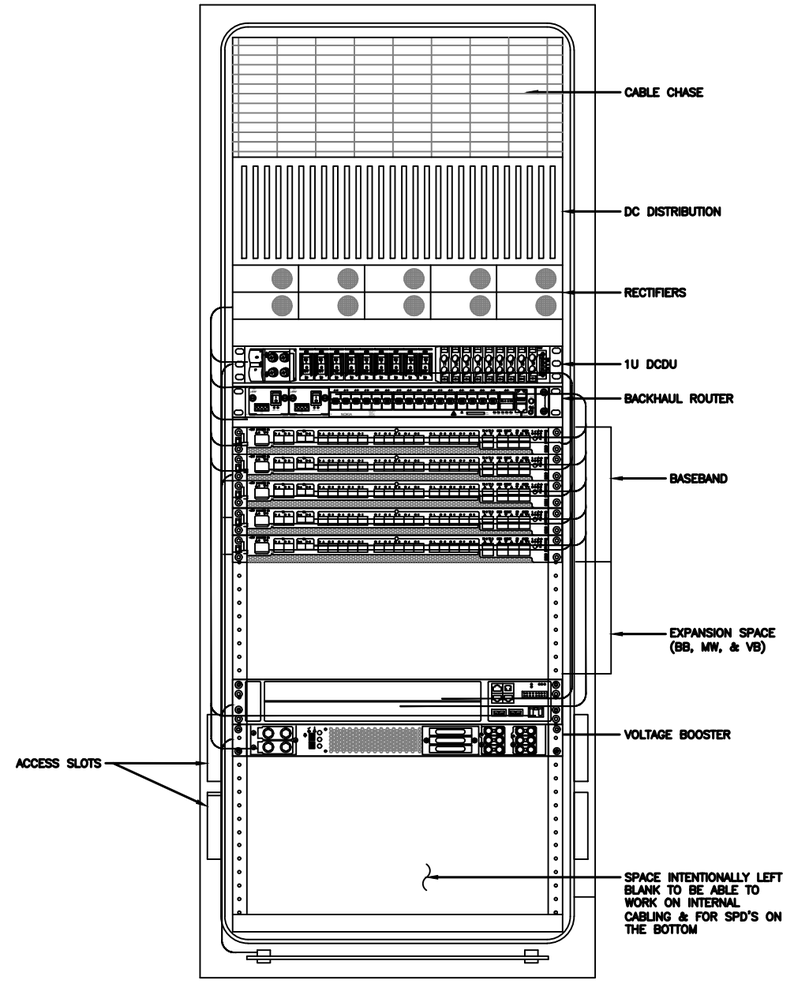
SUPPLEMENTAL

SHEET NUMBER:	REVISION:
R-602	0



INTERNAL ROUTING
(DOOR OPEN)

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	
20	EXPANSION / LEGACY BASEBAND / VOLTAGE BOOSTER
21	
22	VOLTAGE BOOSTER
23	OPEN SPACE FOR SPD ACCESS
24	
25	



FRONT VIEW
(DOOR OPEN)

1 ERICSSON 6160 CABINET DETAILS

SCALE: N.T.S.

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

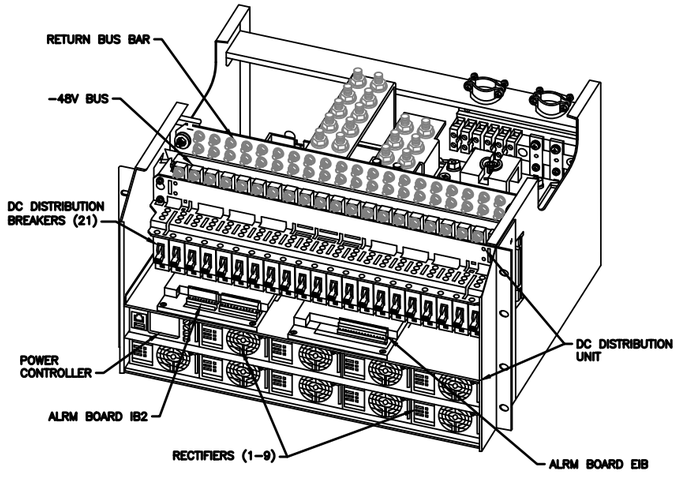
SUPPLEMENTAL

SHEET NUMBER: R-603

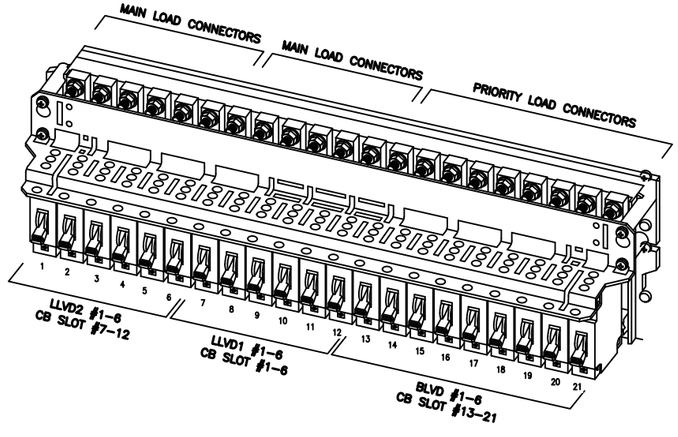
REVISION: 0

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/ DCDU Prior to availability of the 4460 and 4480	w/ DCDU Later Design Post-4460 and Post-4480	w/ DCDU 4 and 6 Sector designs
1	LVD1 47.0V	1	Router PS-2*/Future		Radio 4460 B25/66 ζ-1
2		2	Future		Radio 4460 B25/66 ζ-2
3		3	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		4			
5		5	PSU 4813 feeding B41 α, β and γ (Air 6449s)		
6		6			
7	LVD2 45.1V	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		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 43.2V	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

1 ERICSSON 6160 ELECTRICAL DETAILS

SCALE: N.T.S.

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

SUPPLEMENTAL

SHEET NUMBER: R-604

REVISION: 0

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.

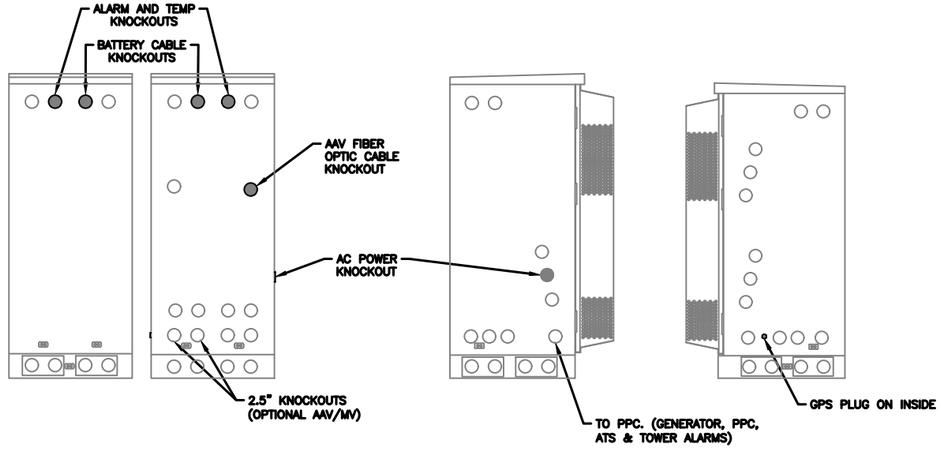
2. (LIQUIDFLEX) FLEXIBLE METALLIC CONDUIT (LFMC) & ASSOCIATED FITTINGS CAN BE USED AS NEEDED BUT ONLY FOR TIGHT CONDUIT BENDS AND RUNS SUBJECT TO UL AND NEC LIMITATIONS. 6' MAX PER CONDUIT RUN.

3. POWER CONDUIT BODY ATTACHED WITH SHORT NIPPLE AND SEALING WASHER INSIDE & OUT. (FOR DOOR HOOD CLEARANCE)

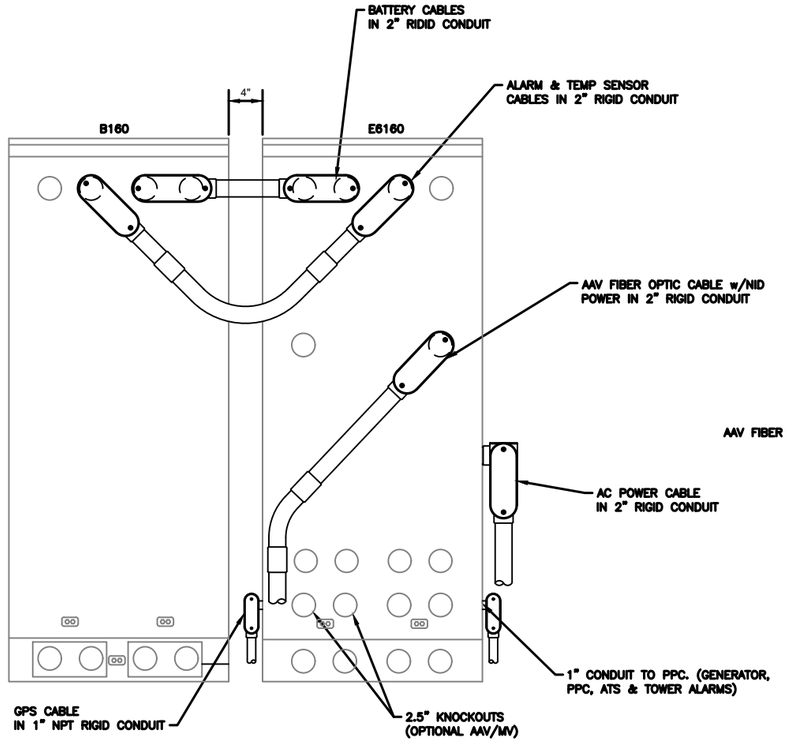
4. PULLING ELBOWS MAY BE USED IN LIEU OF A CONDUIT BODIES WHEN CLEARANCE IS LIMITED.

5. ALL EXTERNAL ALARM CONDUITS ARE TOO TERMINATE AT THE PPC WITH A SINGLE 1" ALARM CONDUIT TO THE 6160.

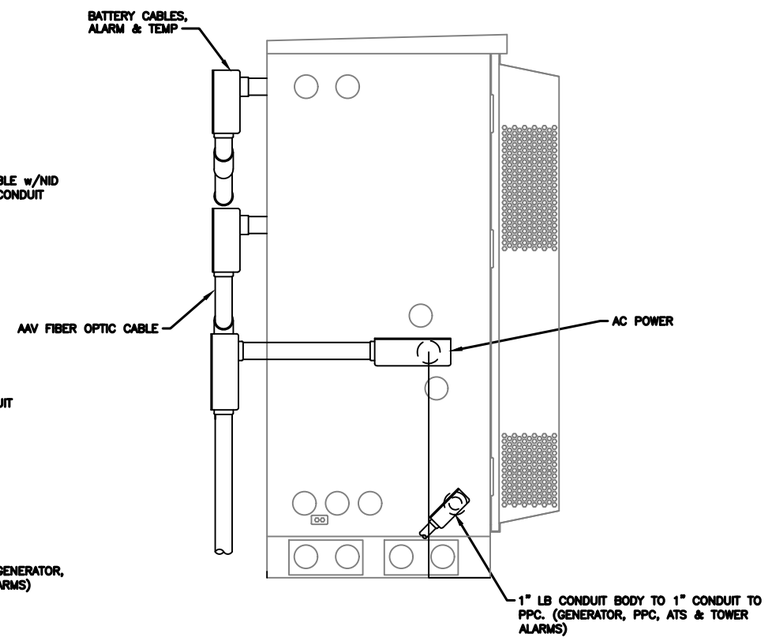
6. (DO NOT USE CHASE NIPPLES) CONDUIT SHOULD HAVE SEALING WASHERS INSIDE AND OUT w/ LOCK NUT AND CAP.



CONDUIT LOCATIONS



REAR VIEW



SIDE VIEW

1 ERICSSON 6160/B160 CONDUIT ROUTING DETAILS

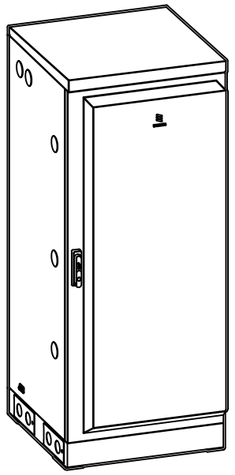
SCALE: N.T.S.

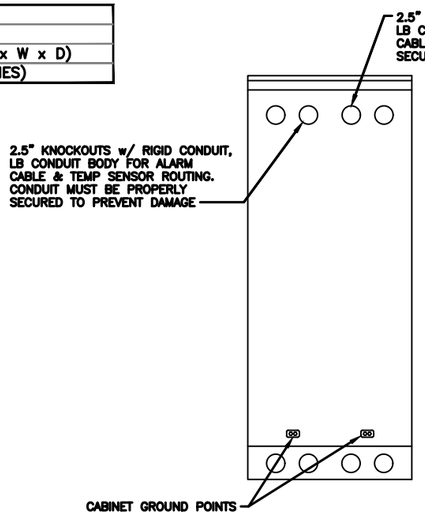
NOTE: THIS SHEET WAS CREATED BY OTHERS AND PROVIDED AT THE REQUEST OF THE CUSTOMER WITHOUT EDIT.

SUPPLEMENTAL

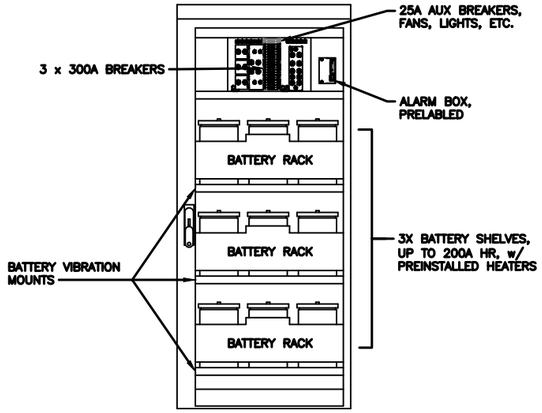
SHEET NUMBER:	REVISION:
R-605	0

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



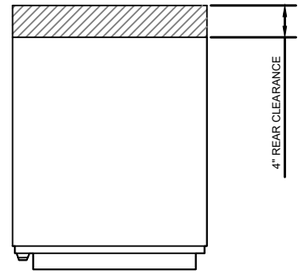


REAR VIEW



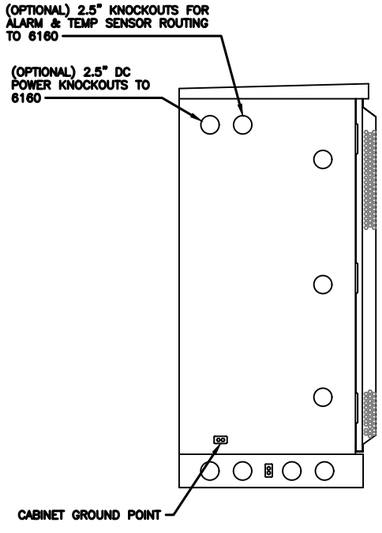
FRONT VIEW
(DOOR OPEN)

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

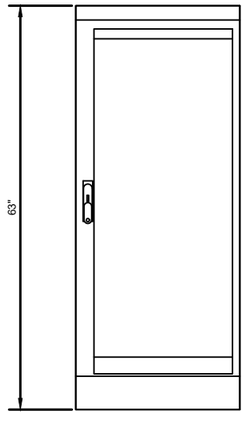


GROUNDING NOTE:

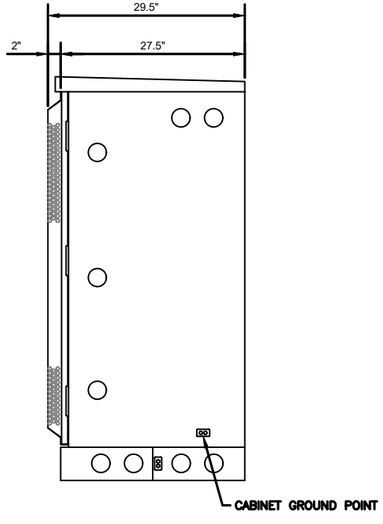
"CABINET GROUNDING TO USE A SINGLE, #2 BTCW CONDUCTOR, W/ 2-HOLE, 1" C-C, LONG BARREL, WINDOW LUG, IN 3/4" LFNC TO GROUND RING. PLINTH GROUNDING IS NOT REQUIRED."



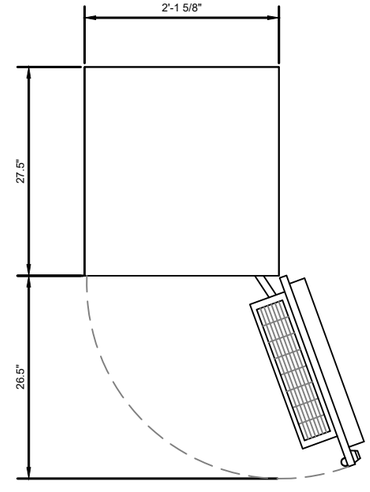
LEFT VIEW



FRONT VIEW



RIGHT VIEW



PLAN VIEW

B160 ERICSSON SITE SUPPORT BATTERY CABINET

1 ERICSSON B160 BATTERY CABINET SPECIFICATIONS

SCALE: N.T.S.

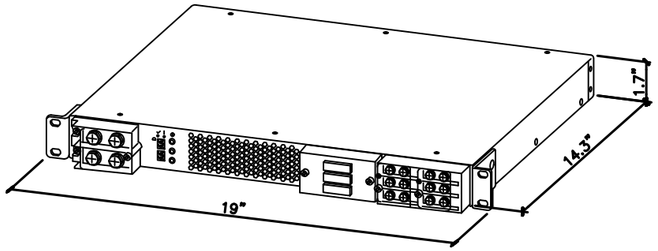
NOTE: THIS SHEET WAS CREATED BY OTHERS AND PROVIDED AT THE REQUEST OF THE CUSTOMER WITHOUT EDIT.

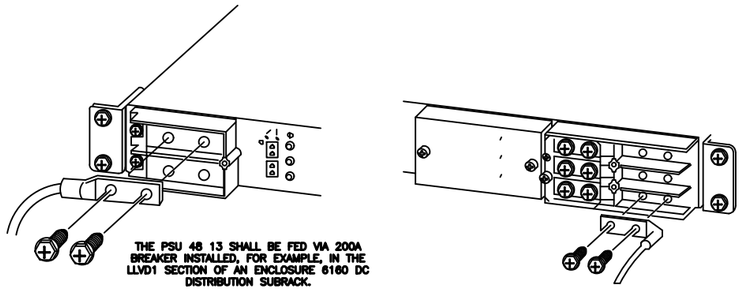
SUPPLEMENTAL

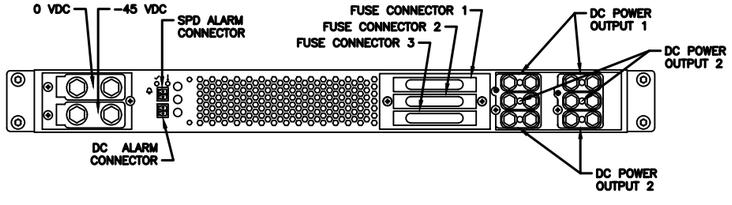
SHEET NUMBER:	REVISION:
R-606	0

MANUFACTURER:	ERICSSON
MODEL:	PSU 48 13
WEIGHT:	17.1 LBS
DIMENSIONS:	19"x 1.7"x 14.3"

NEEDED INSTALL KIT (PICK 1)	
34133	PSU4813 INSTALL KIT FOR RBS61XX
34134	PSU4813 INSTALL KIT FOR PBC6200
34135	PSU4813 INSTALL KIT FOR 6X60/RBS6230



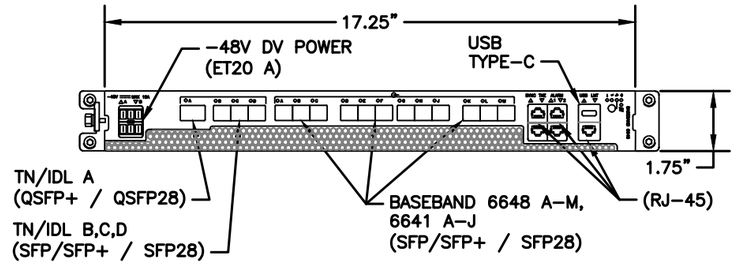


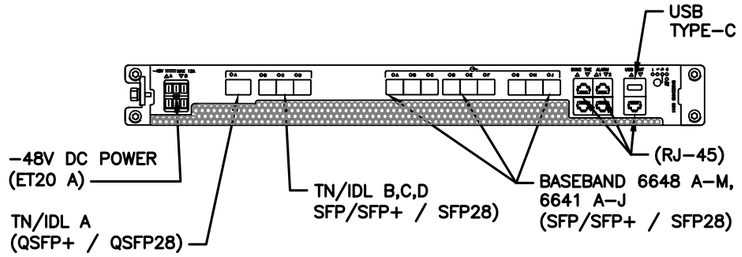


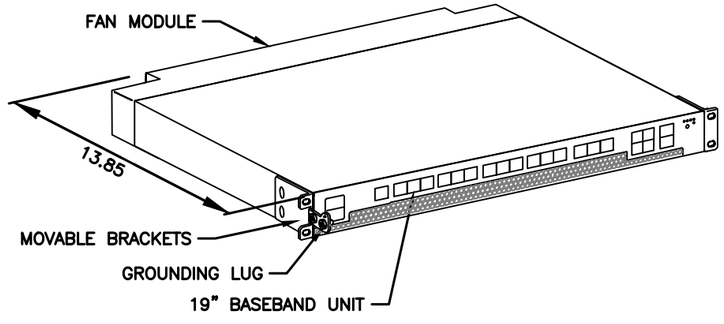
1 SKU# 34132 - PSU 48 13

SCALE: N.T.S.

MANUFACTURER:	ERICSSON
MODEL:	BASEBAND 6648
DIMENSIONS:	1.75" x 17.25" x 13.85" (H" x W" x D")
WEIGHT:	16.54 LBS







2 34111 - ERICSSON BASEBAND 6648 (WITH FAN)

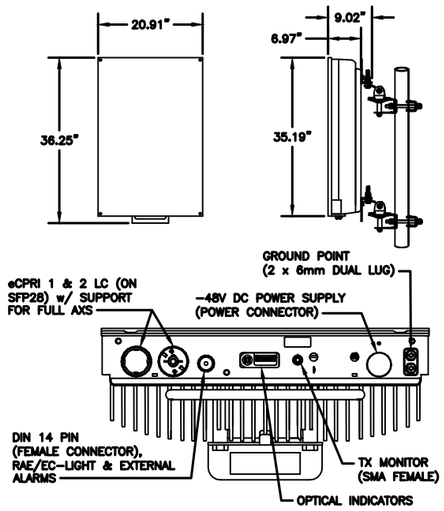
SCALE: N.T.S.

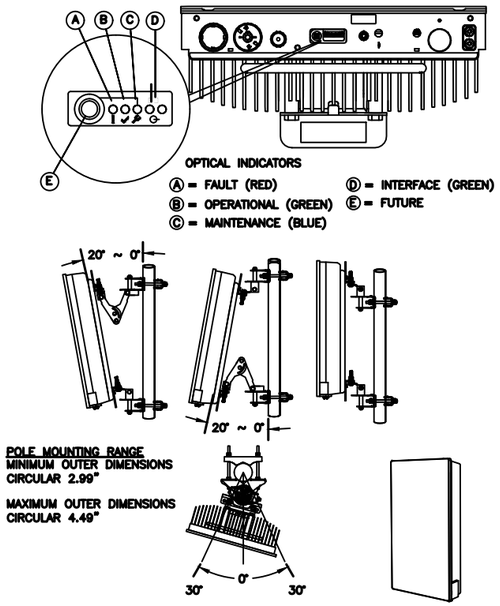
NOTE: THIS SHEET CREATED BY OTHERS AND PROVIDED BY REQUEST OF CUSTOMER WITHOUT EDIT.

SUPPLEMENTAL

SHEET NUMBER:	REVISION:
R-607	0

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 (SXK109 2016/1)

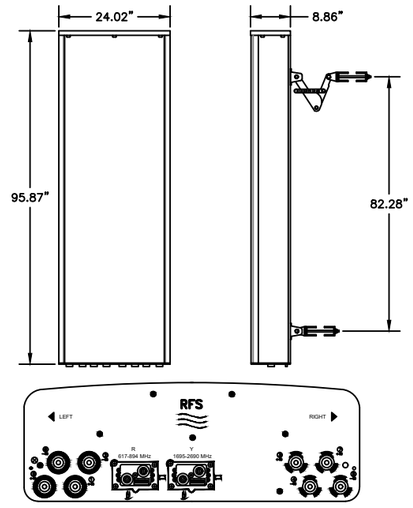




1 34552 - ERICSSON AIR 6419 BAND 41

SCALE: N.T.S.

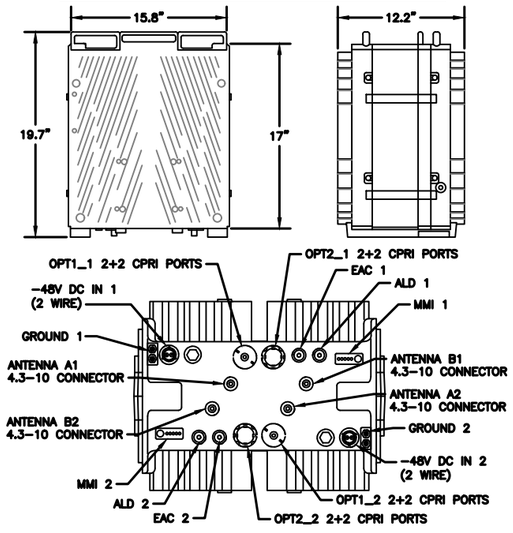
MANUFACTURER:	RFS
MODEL:	APXVAALL24_43-U-NA20
DIMENSIONS:	95.87" x 24.02" x 8.86"
WEIGHT:	119 LB
BAND:	QUAD BAND (8 PORT)
MOUNTING KIT & WEIGHT:	APM40-10E BEAM TILT KIT (INCLUDED) (16.53 LBS)



2 34087 - RFS APXVAALL24_43-U-NA20

SCALE: N.T.S.

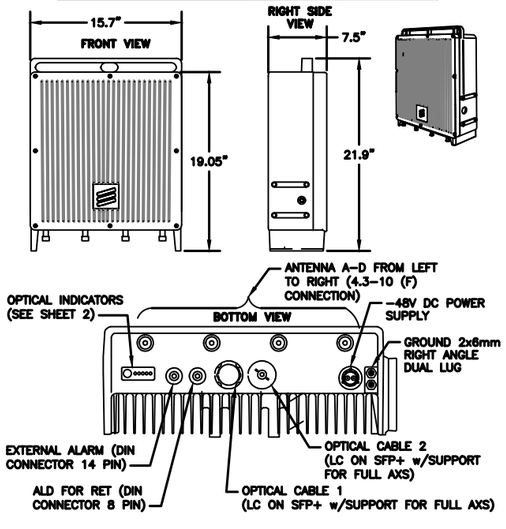
MANUFACTURER:	ERICSSON
MODEL:	4460 RADIO B2/25 B66 (KRC 161 912/3)
DIMENSIONS:	19.7" x 15.8" x 12.2" (H" x W" x D")
WEIGHT:	109 LBS
BRACKET WEIGHT:	4.8 LBS (ERS HEAVY #SXK1255993/1)



3 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)



4 34372 - ERICSSON 4480 RADIO

SCALE: N.T.S.

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SUPPLEMENTAL

SHEET NUMBER:	REVISION:
R-608	0

AMERICAN TOWER®
CORPORATION

This report was prepared for American Tower Corporation by

POD
POWER OF DESIGN

Antenna Mount Analysis Report

ATC Site Name	:	**CANTON CT**
ATC Site Number	:	**411256**
Engineering Number	:	**14071471_C8_01**
Mount Elevation	:	**100 ft**
Carrier	:	**T-MOBILE**
Carrier Site Name	:	**Simsbury-1/Rt 10**
Carrier Site Number	:	**CT11275C**
Site Location	:	**14 Canton Springs Road** **Canton, CT 06019** **41.82287600, -72.89516400**
County	:	**Hartford**
Date	:	**April 5, 2022**
Max Usage	:	**73%**
Result	:	**Contingent Pass**

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

STATE OF CONNECTICUT
JASON CHERONIS
PEN.0032793
LICENSED
PROFESSIONAL ENGINEER

4/5/22

1 MOUNT ANALYSIS

Introduction

The purpose of this report is to summarize results of the antenna mount analysis performed for T-Mobile at 100.0 ft.

Supporting Documents

Spec. Sheet	Spec Sheet for SitePro1 Part #: HRK12, dated July 14, 2014
RFDS	RFDS dated March 2, 2022
Photos	Site photos from 2020
Structural Analysis	ATC Engineering #: 13757774_C3_04, dated March 21, 2022

Analysis

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

Basic Wind Speed:	116 mph, Vult (3-Second Gust)
Basic Wind Speed w/ Ice:	50 mph (3-Second Gust) w/ 1.5" Radial Ice (Escalating)
Codes:	TIA-222-H
Structure Class:	II
Exposure Category:	B
Topographic Factor Procedure:	Method 2
Topographic Feature:	Flat
Crest Height:	0 ft
Spectral Response:	$S_s = 0.177$, $S_1 = 0.054$
Site Class:	D (assumed)
Live Loads:	Lm = 500 lbs, Lv = 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:

- Install SitePro1 support rail kit (Part #: HRK12, 1 total) 3 ft above the existing mount face

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.

POD GROUP - 1033 E. Turkeyfoot Lake Road, Suite 206 - Akron, OH 44312 - 330-961-7432 - www.podgrp.com

NOTE: THIS SHEET WAS CREATED BY OTHERS AND PROVIDED AT THE REQUEST OF THE CUSTOMER WITHOUT EDIT. PLEASE REFERENCE THE MOUNT ANALYSIS REPORT FOR COMPLETE MOUNT ANALYSIS CALCULATIONS AND DETAILS. SUPPLEMENTAL PAGES INCLUDED IN THE CONSTRUCTION DRAWINGS ARE FOR REFERENCE ONLY. GENERAL CONTRACTOR IS TO VERYIFY THEY HAVE THE MOST RECENT MOUNT ANALYSIS PRIOR TO CONTRUCTION.

SUPPLEMENTAL

SHEET NUMBER:	REVISION:
R-609	0

AMERICAN TOWER®
CORPORATION

This report was prepared for American Tower Corporation by

POD
POWER OF DESIGN

Antenna Mount Analysis Report

ATC Site Name	:	**CANTON CT**
ATC Site Number	:	**411256**
Engineering Number	:	**14071471_C8_01**
Mount Elevation	:	**100 ft**
Carrier	:	**T-MOBILE**
Carrier Site Name	:	**Simsbury-1/Rt 10**
Carrier Site Number	:	**CT11275C**
Site Location	:	**14 Canton Springs Road** **Canton, CT 06019** **41.82287600, -72.89516400**
County	:	**Hartford**
Date	:	**April 5, 2022**
Max Usage	:	**73%**
Result	:	**Contingent Pass**

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

4/5/22

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Structure Class:	II
Exposure Category:	B
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Topographic Feature:	Flat
Crest Height:	0 ft
Spectral Response:	Ss = 0.177, S_1 = 0.054
Site Class:	D (assumed)
Live Loads:	Lm = 500 lbs, Lv = 250 lbs

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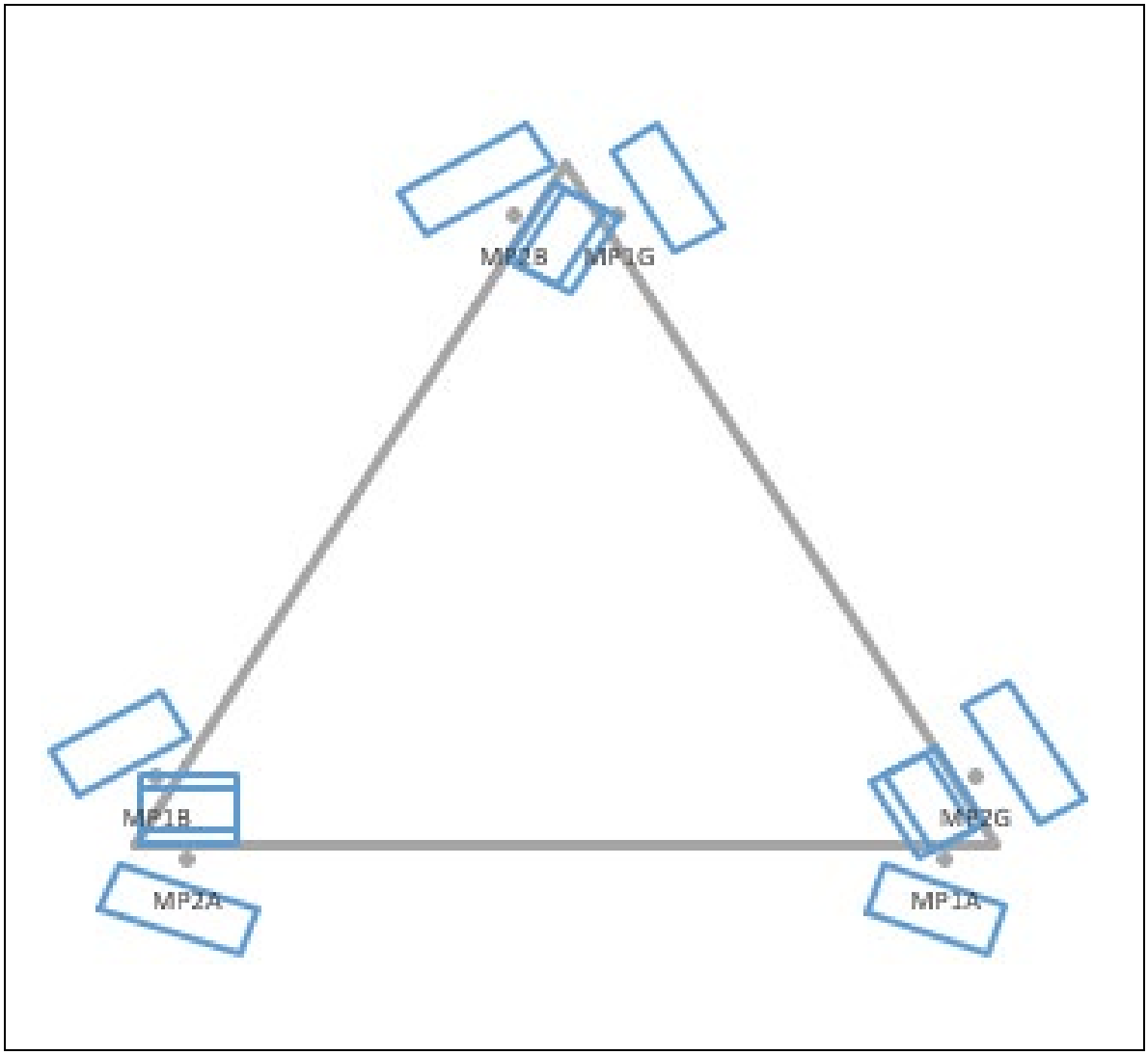
Antenna Loading

Mount Centerline (ft)	Antenna Centerline (ft)	Qty	Antenna Model
100.0	100.0	3	Ericsson AIR 6419 B41
		3	RFS APXVAALL24 43-U-NA20
		3	Ericsson 4480 BAND 71
		3	Ericsson 4460 BAND 2/25

Structure Usages

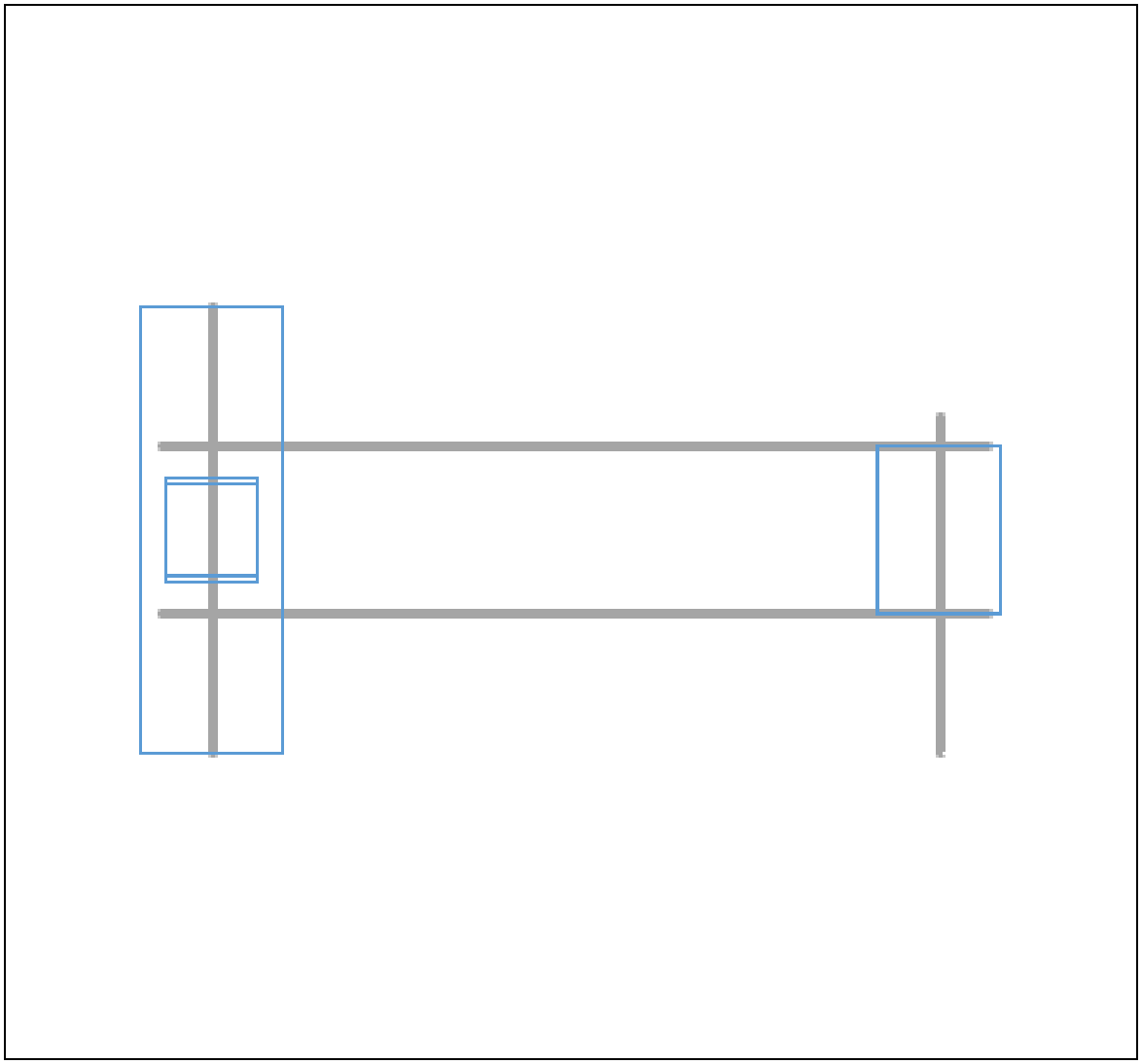
Structural Component	Controlling Usage	Pass/Fail
Circular Plate	73%	Pass
Plates	67%	Pass
Horizontals	62%	Pass
Mount Pipes	56%	Pass
Faces	50%	Pass
Standoffs	42%	Pass
Support Rails	33%	Pass

Mount Layout (From Above)



Equipment Model	Quantity	Height (in)	Width (in)	Depth (in)	Azimuth	Sector	Mount Pipe #
AIR 6419 B41	1	36.3	20.9	9	20	A	1
APXVAALL24 43-U-NA20	1	95.9	24	8.5	20	A	2
AIR 6419 B41	1	36.3	20.9	9	30	B	1
APXVAALL24 43-U-NA20	1	95.9	24	8.5	30	B	2
AIR 6419 B41	1	36.3	20.9	9	0	C	1
APXVAALL24 43-U-NA20	1	95.9	24	8.5	0	C	2
4480 BAND 71	1	22	15.7	7.5	0	A/B/C	2
4460 BAND 2/25	1	19.6	15.7	12.1	0	A/B/C	2

Equipment Layout (From Front)



Equipment Model	Quantity	Height (in)	Width (in)	Depth (in)	Azimuth	Sector	Mount Pipe #
AIR 6419 B41	1	36.3	20.9	9	20	A	1
APXVAALL24 43-U-NA20	1	95.9	24	8.5	20	A	2
AIR 6419 B41	1	36.3	20.9	9	30	B	1
APXVAALL24 43-U-NA20	1	95.9	24	8.5	30	B	2
AIR 6419 B41	1	36.3	20.9	9	0	C	1
APXVAALL24 43-U-NA20	1	95.9	24	8.5	0	C	2
4480 BAND 71	1	22	15.7	7.5	0	A/B/C	2
4460 BAND 2/25	1	19.6	15.7	12.1	0	A/B/C	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
POWER OF DESIGN

POD Job #	**22-125999**
Site Number	**411256**
Site Name	**CANTON CT**

General Site Information

Mount Type	SFP	Risk Category	II	I (seismic)	1				
V (Wind Speed)	116	I(ice)	1	Sms	0.283				
Zs	339.34			Sm1	0.130			width (ft)	height (ft)
ti	1.5	Ss	0.177	Sds	0.189		Front Outer Dimensions	11.7	3
Vi	50	S1	0.054	Sd1	0.086				
Kzt	1	Soil Site Class	D (assumed)	Seismic Design Category					
Exposure	B	Fa	1.600	B					
zg	1200	Fv	2.400	Seismic Analysis Not Required					
α	7			R	2	TIA-222-H 16.7			
Kmin	0.7	Tower Type	Monopole	As	1	TIA-222-H 16.7			
G_H	1	Tower Height	140	Cs, Min	0.03	TIA-222-H 2.7.7.1.1			
Ke	0.99			Cs	0.0944	TIA-222-H 2.7.7.1.1			
K_D	0.95								
K_s	0.9								

Appurtenance Information

Model	Shielded	% Shielded	Centerline	Centerline on MP	Spacing (in)	Azimuth	Sector	Quantity	MP #
AIR 6419 B41			100	4	26	20	A	1	1
APXVAALL24 43-U-NA20			100	4	70	20	A	1	2
AIR 6419 B41			100	4	26	30	B	1	1
APXVAALL24 43-U-NA20			100	4	70	30	B	1	2
AIR 6419 B41			100	4	26		C	1	1
APXVAALL24 43-U-NA20			100	4	70		C	1	2
4480 BAND 71			100	4			A/B/C	1	2
4460 BAND 2/25			100	4			A/B/C	1	2

Mount Information

Elevation (ft)	100	Grating Thickness (in)	1
K_z	0.99	Grating Ice Weight (k/ft²)	0.019
Kiz	1.12		
tiz	1.68		

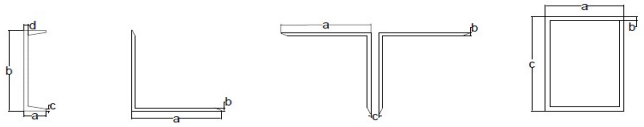
	Length (ft)	Width (in)	Centerline
Mount Pipes	8	2.375	100

Round Members

Member	Length (ft)	Width (in)	Frame Member	# of Members
RAIL on	11.5	2.375	Yes	2
RAIL off	11.5	2.375	No	1
RUNG	1	1	No	8

Flat Members

Member	Length (ft)	Width (in)	Shape	A	B	C	D	Frame Member	# of Members
FACE on	1	5	Channel	1.75	5	0.32	0.19	Yes	2
FACE off	1	5	Channel	1.75	5	0.32	0.19	No	1
FACEAB on	5.333	5	Channel	1.75	5	0.32	0.19	Yes	4
FACEAB off	5.333	5	Channel	1.75	5	0.32	0.19	No	2
CR	5	5	Channel	1.75	5	0.32	0.19	No	3
LSUPP1	2.165	5	Channel	1.75	5	0.32	0.19	No	1
LSUPP2	2.5	5	Channel	1.75	5	0.32	0.19	No	1
PL	0.75	0.375	Channel	0	6	0	0.375	No	6
RPL	0.25	6	Channel	0	6	0	0.375	No	6
RCOR	1.025	2.5	Angle	2.5	0.25			No	3
PLANG	3.25	5	Angle	5	0.375			No	3
LADDER	7	2.5	Angle	2.5	0.25			No	2
SO	2.25	3	Square HSS	3	0.3125	3		No	3



Version 3.56

Appurtenance Wind Calculations

Model	Height	Width	Depth	Weight (lbs)	Kz	qz (lb/ft$_2$)	$(EPA)_N$ (ft^2)	$(EPA)_T$(ft^2)	Wind Force (Kips) Front	Side	Alpha	Beta	Gamma
AIR 6419 B41	36.3	20.9	9.0	83.3	0.99	31.95	5.69	2.59	0.182	0.083	0.179	0.179	0.094
APXVAALL24 43-U-NA20	95.9	24.0	8.5	122.8	0.99	31.95	18.22	7.86	0.582	0.251	0.572	0.572	0.290
AIR 6419 B41	36.3	20.9	9.0	83.3	0.99	31.95	5.69	2.59	0.182	0.083	0.182	0.182	0.107
APXVAALL24 43-U-NA20	95.9	24.0	8.5	122.8	0.99	31.95	18.22	7.86	0.582	0.251	0.582	0.582	0.334
AIR 6419 B41	36.3	20.9	9.0	83.3	0.99	31.95	5.69	2.59	0.182	0.083	0.157	0.157	0.083
APXVAALL24 43-U-NA20	95.9	24.0	8.5	122.8	0.99	31.95	18.22	7.86	0.582	0.251	0.499	0.499	0.251
4480 BAND 71	22.0	15.7	7.5	81.0	0.99	31.95	2.59	1.26	0.083	0.040	0.072	0.072	0.040
4460 BAND 2/25	19.6	15.7	12.1	109.0	0.99	31.95	2.31	1.78	0.074	0.057	0.069	0.069	0.057

Appurtenance Ice Calculations

Model	tiz (in)	Height	Width	Depth	Weight (lbs)	Kiz	qz (lb/ft$_2$)	$(EPA)_N$ (ft^2)	$(EPA)_T$(ft^2)	Wind Force (Kips) Front	Side	Alpha	Beta	Gamma
AIR 6419 B41	1.68	39.65	24.25	12.35	163.65	1.12	5.94	7.21	3.77	0.043	0.022	0.047	0.047	0.027
APXVAALL24 43-U-NA20	1.68	99.25	27.35	11.85	408.67	1.12	5.94	21.21	10.63	0.126	0.063	0.138	0.138	0.078
AIR 6419 B41	1.68	39.65	24.25	12.35	163.65	1.12	5.94	7.21	3.77	0.043	0.022	0.048	0.048	0.033
APXVAALL24 43-U-NA20	1.68	99.25	27.35	11.85	408.67	1.12	5.94	21.21	10.63	0.126	0.063	0.142	0.142	0.095
AIR 6419 B41	1.68	39.65	24.25	12.35	163.65	1.12	5.94	7.21	3.77	0.043	0.022	0.038	0.038	0.022
APXVAALL24 43-U-NA20	1.68	99.25	27.35	11.85	408.67	1.12	5.94	21.21	10.63	0.126	0.063	0.110	0.110	0.063
4480 BAND 71	1.68	25.35	19.05	10.85	85.91	1.12	5.94	3.62	2.06	0.021	0.012	0.019	0.019	0.012
4460 BAND 2/25	1.68	22.95	19.05	15.45	98.30	1.12	5.94	3.28	2.66	0.019	0.016	0.019	0.019	0.016

Round Members

Member	Wind Calculations q_z (lb/ft^2)	Ar	C	Rr	Cf	EPA (ft^2)	Load (k/ft)	Ice Calculations Width (in)	Weight (k/ft)	q_z (lb/ft^2)	Arice	Rrice	Cf	EPA (ft^2)	Load (k/ft)
RAIL on	31.95	4.55	22.24	0.64	1.20	1.57	0.004	5.73	0.01	5.94	10.98	0.81	1.20	4.78	0.002
RAIL off	31.95	2.28	22.24	0.64	1.20	1.57	0.002	5.73	0.01	5.94	5.49	0.81	1.20	4.78	0.001
RUNG	31.95	0.67	9.37	0.64	1.20	0.06	0.001	4.35	0.01	5.94	2.90	0.81	1.20	0.32	0.001

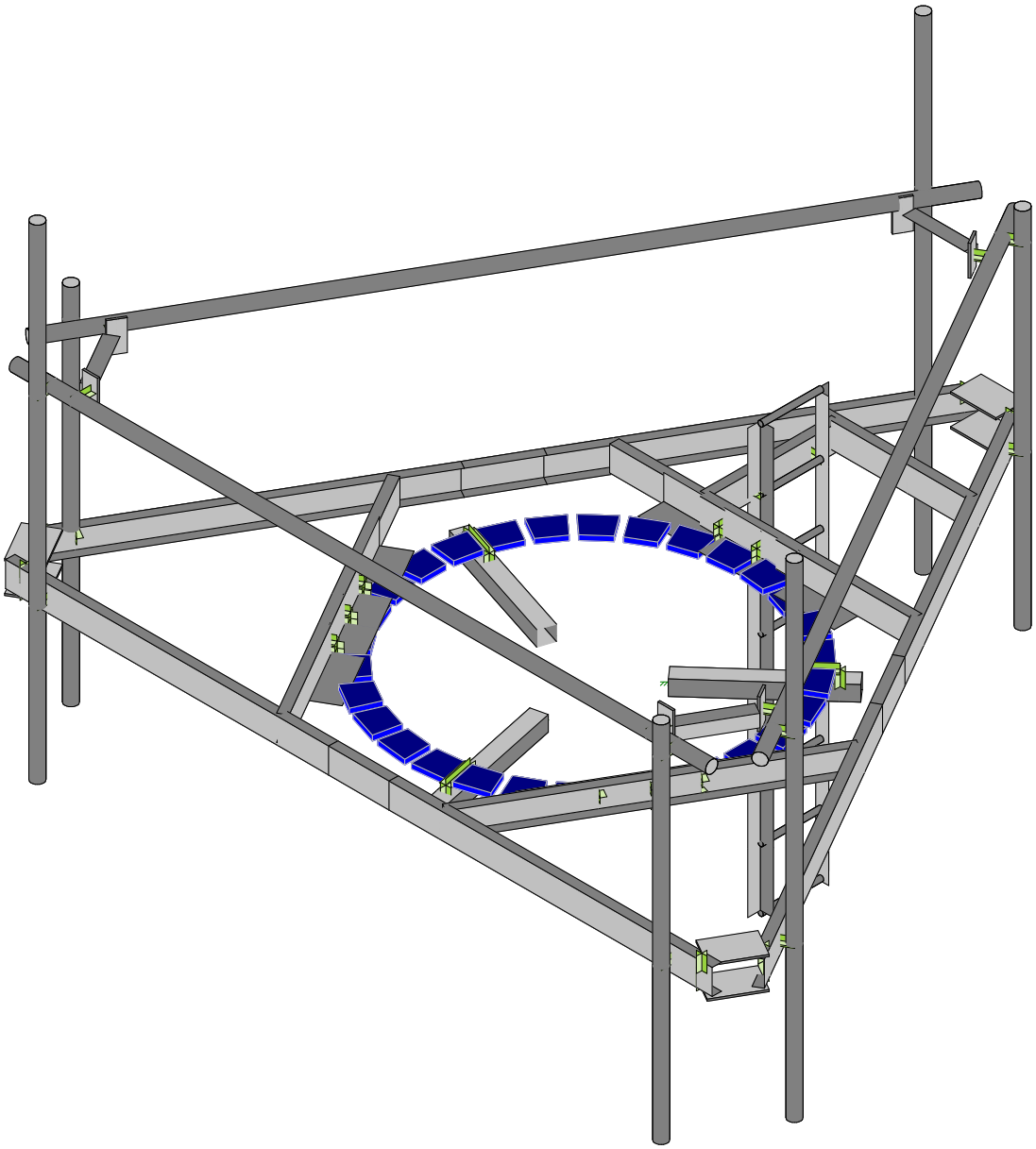
Flat Members

Member	Wind Calculations q_z (lb/ft^2)	Af	Cf	EPA	Load (k/ft)	Ice Calculations Width (in)	Weight (k/ft)	q_z (lb/ft^2)	Arice	Rrice	Cf	EPA	Load (k/ft)
FACE on	31.95	0.83	2.00	0.75	0.024	8.35	0.02	5.94	1.39	0.81	2.00	1.01	0.006
FACE off	31.95	0.42	2.00	0.75	0.012	8.35	0.02	5.94	0.70	0.81	2.00	1.01	0.003
FACEAB on	31.95	8.89	2.00	4.00	0.024	8.35	0.02	5.94	14.85	0.81	2.00	5.38	0.006
FACEAB off	31.95	4.44	2.00	4.00	0.012	8.35	0.02	5.94	7.42	0.81	2.00	5.38	0.003
CR	31.95	6.25	2.00	3.75	0.012	8.35	0.02	5.94	10.44	0.81	2.00	5.05	0.003
LSUPP1	31.95	0.90	2.00	1.62	0.012	8.35	0.02	5.94	1.51	0.81	2.00	2.19	0.003
LSUPP2	31.95	1.04	2.00	1.88	0.012	8.35	0.02	5.94	1.74	0.81	2.00	2.52	0.003
PL	31.95	0.14	2.00	0.04	0.001	3.73	0.01	5.94	1.40	0.81	2.00	0.34	0.001
RPL	31.95	0.75	2.00	0.23	0.014	9.35	0.01	5.94	1.17	0.81	2.00	0.28	0.003
RCOR	31.95	0.64	2.00	0.38	0.006	5.85	0.01	5.94	1.50	0.81	2.00	0.73	0.002
PLANG	31.95	4.06	2.00	2.44	0.012	8.35	0.02	5.94	6.79	0.81	2.00	3.28	0.003
LADDER	31.95	2.92	2.00	2.63	0.006	5.85	0.01	5.94	6.83	0.81	2.00	4.95	0.002
SO	31.95	1.69	1.25	0.63	0.004	6.35	0.01	5.94	3.57	0.81	1.25	1.08	0.001

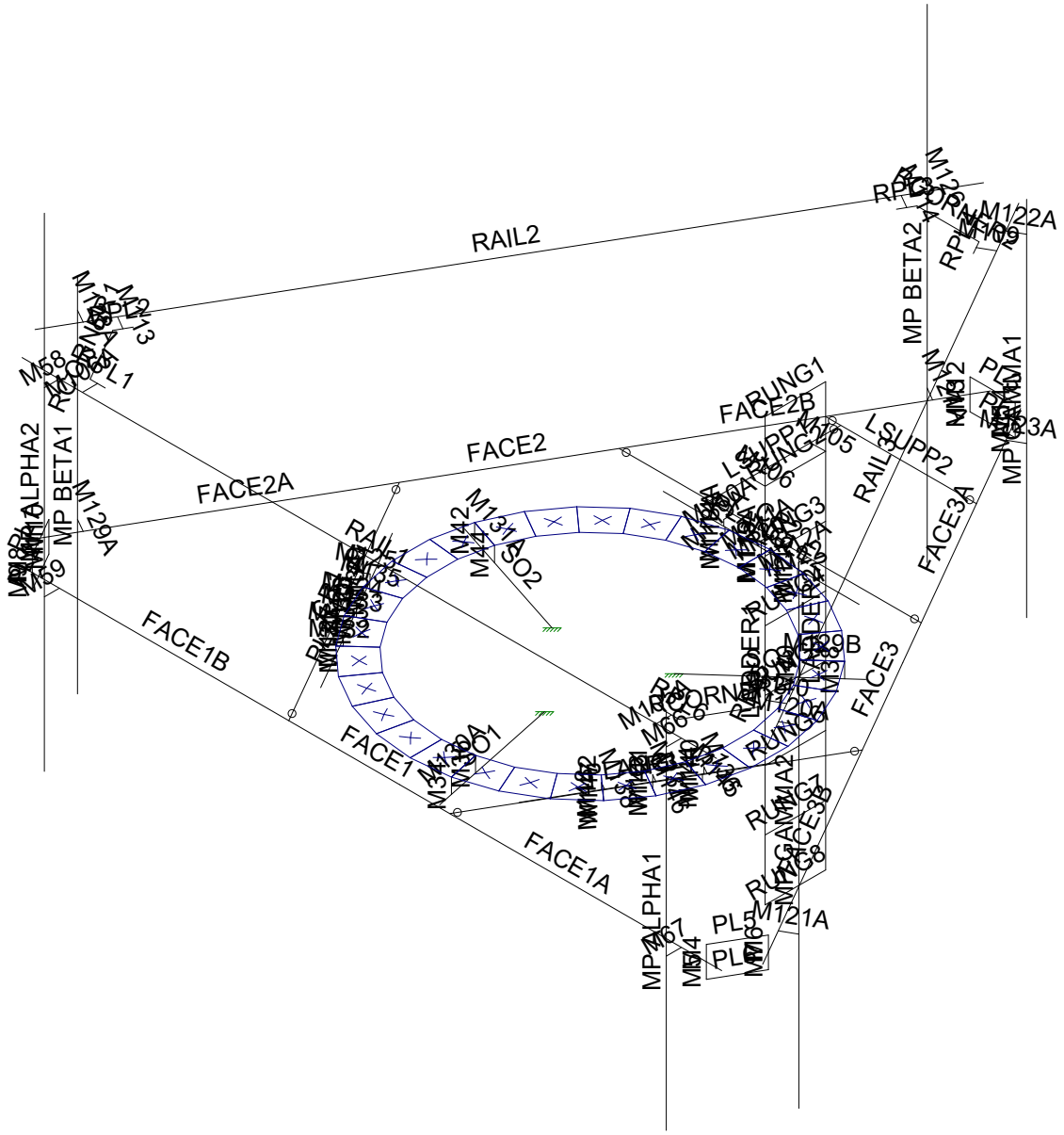
Appurtenance Seismic Calculations

Model	Weight	Sds	ρ	Cs	As	Ev	Eh
AIR 6419 B41	83.3	0.189	1.000	0.094	1.000	0.003	0.008
APXVAALL24 43-U-NA20	122.8	0.189	1.000	0.094	1.000	0.005	0.012
AIR 6419 B41	83.3	0.189	1.000	0.094	1.000	0.003	0.008
APXVAALL24 43-U-NA20	122.8	0.189	1.000	0.094	1.000	0.005	0.012
AIR 6419 B41	83.3	0.189	1.000	0.094	1.000	0.003	0.008
APXVAALL24 43-U-NA20	122.8	0.189	1.000	0.094	1.000	0.005	0.012
4480 BAND 71	81.0	0.189	1.000	0.094	1.000	0.003	0.008
4460 BAND 2/25	109.0	0.189	1.000	0.094	1.000	0.004	0.010

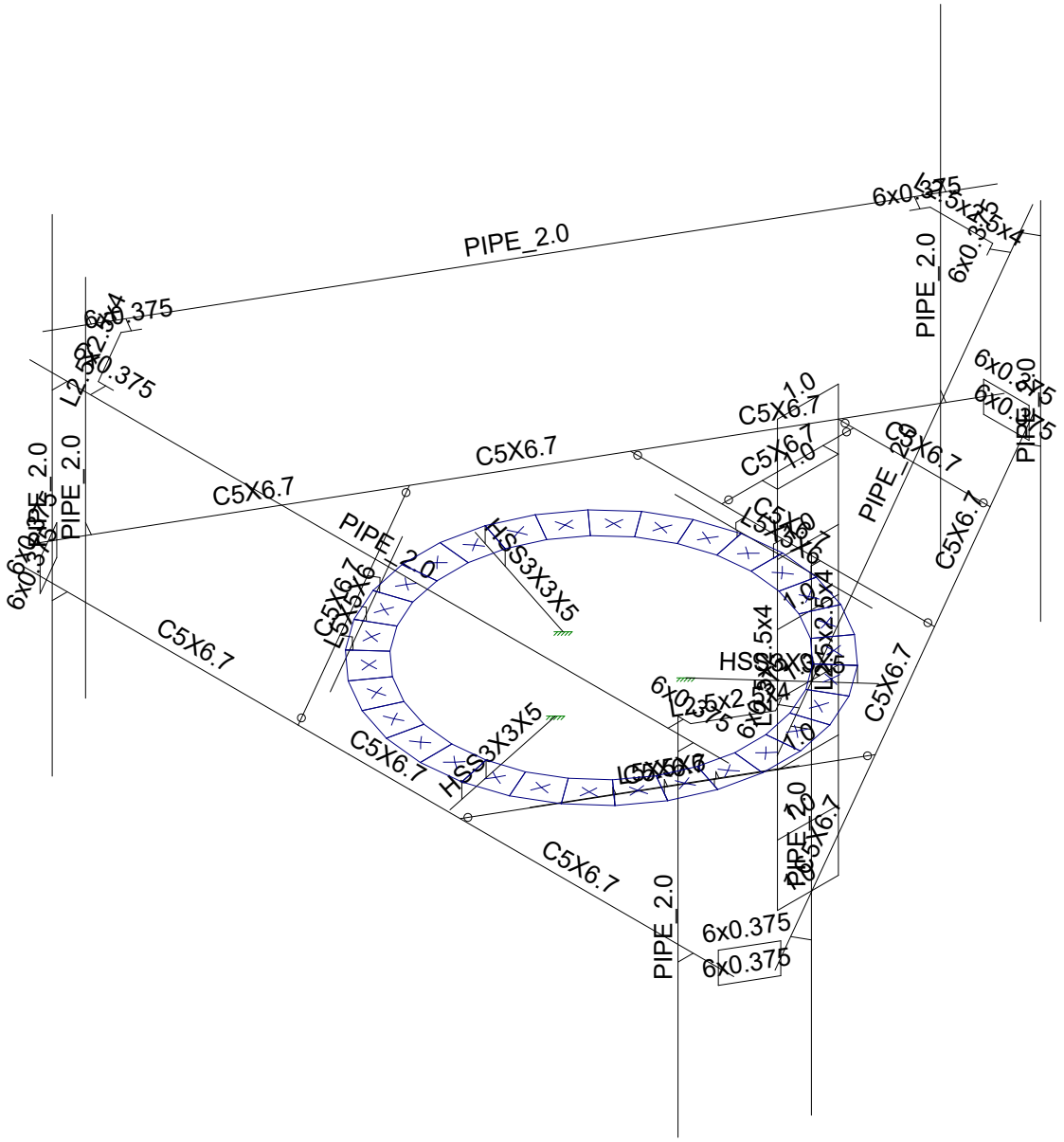
Version 3.56



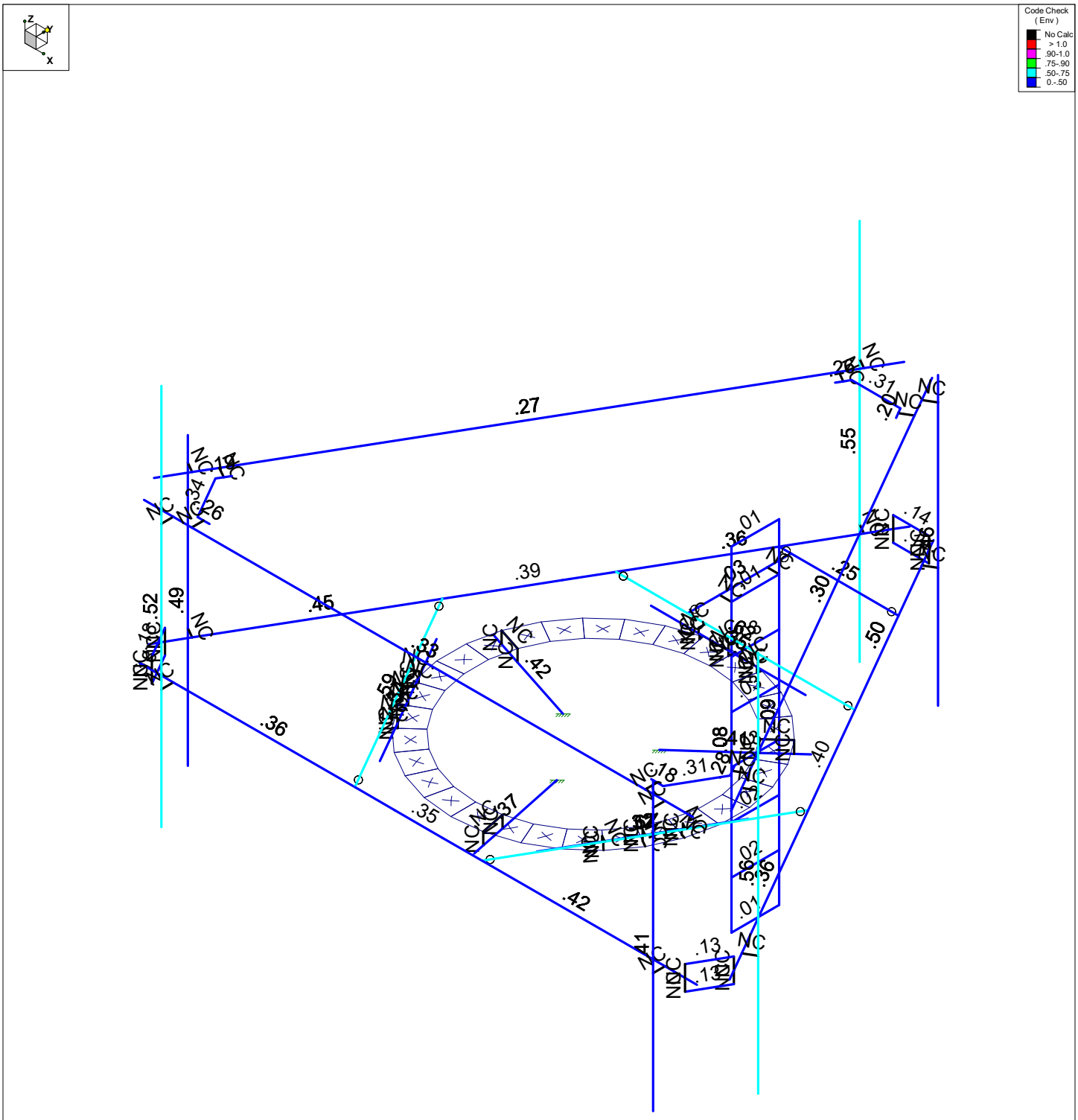
Power of Design	411256	SK - 6
CC		Apr 5, 2022 at 1:19 PM
22-125999		(PL89) 11.67' Platform with Chann...



Power of Design	411256	SK - 1
CC		Apr 5, 2022 at 1:18 PM
22-125999		(PL89) 11.67' Platform with Chann...

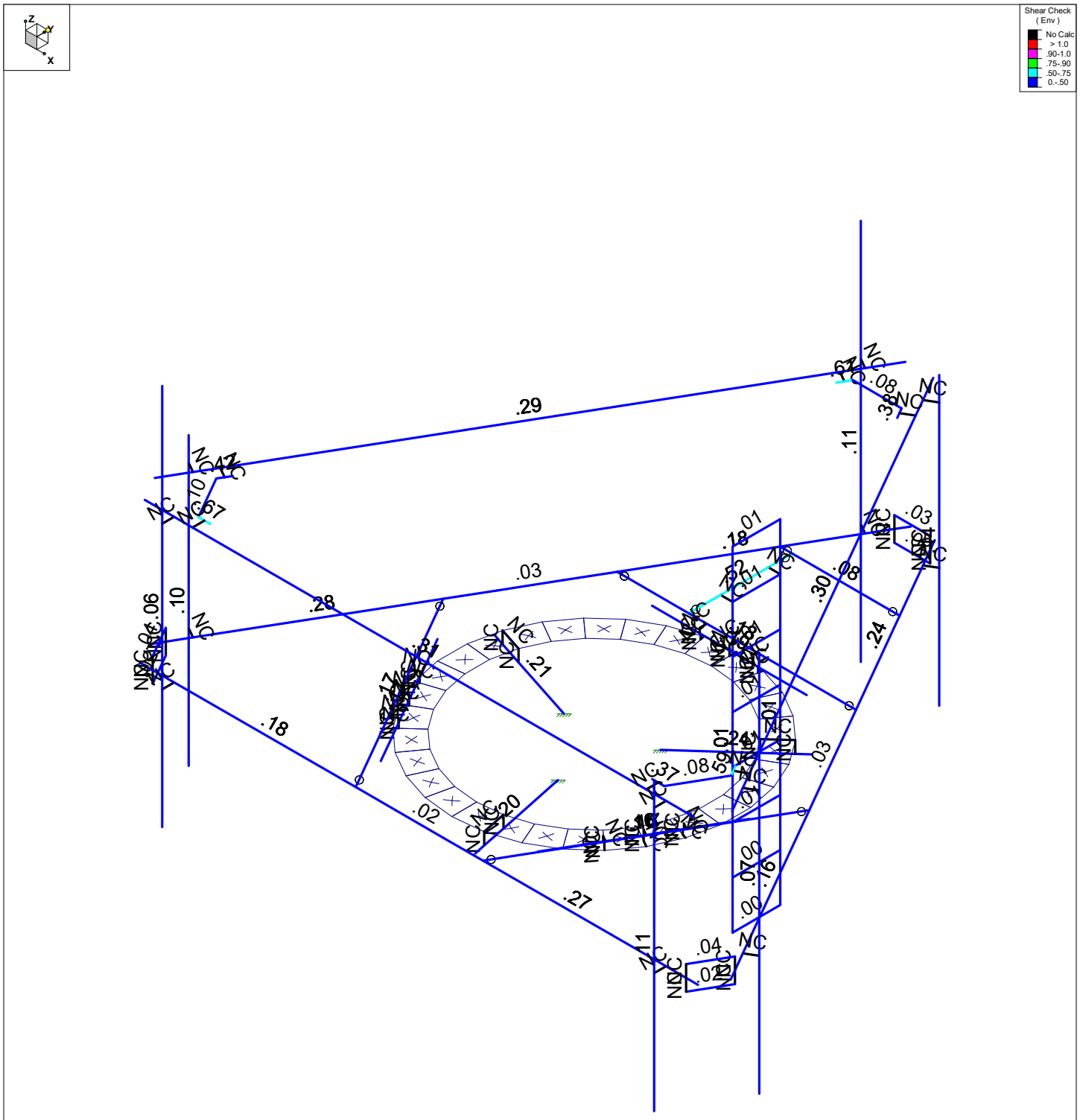


Power of Design	411256	SK - 2
CC		Apr 5, 2022 at 1:18 PM
22-125999		(PL89) 11.67' Platform with Chann...



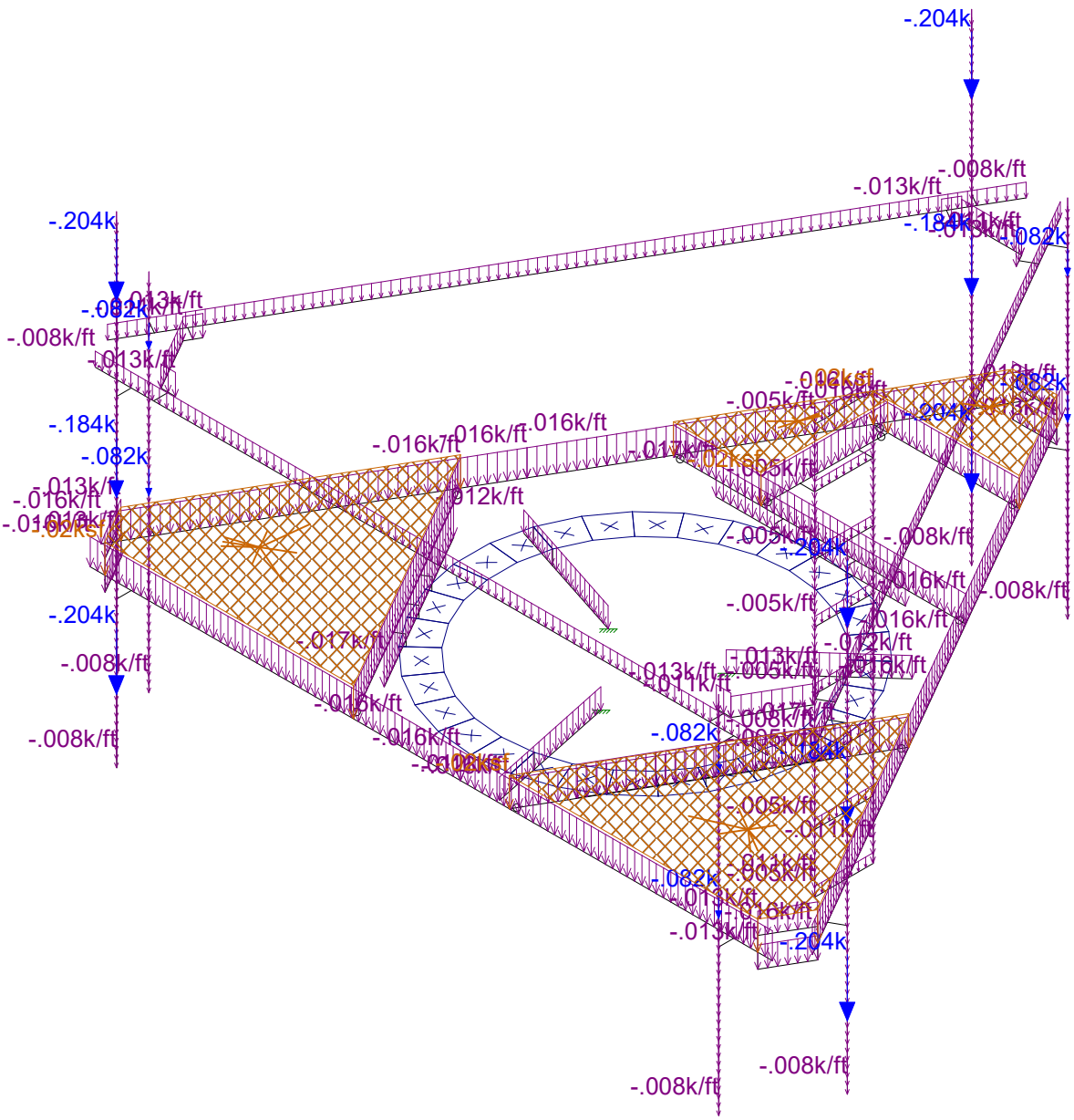
Member Code Checks Displayed (Enveloped)
Results for LC 1, 1.4D

Power of Design	411256	SK - 4
CC		Apr 5, 2022 at 1:18 PM
22-125999		(PL89) 11.67' Platform with Chann...



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

Power of Design	411256	SK - 5
CC		Apr 5, 2022 at 1:18 PM
22-125999		(PL89) 11.67' Platform with Chann...



Loads: BLC 27, Ice Dead Load

Power of Design	411256	SK - 3
CC		Apr 5, 2022 at 1:18 PM
22-125999		(PL89) 11.67' Platform with Chann...

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	N110A	Reaction	Reaction	Reaction	Reaction	Reaction	Reaction
2	N117A	Reaction	Reaction	Reaction	Reaction	Reaction	Reaction
3	N124	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	CR1	C5X6.7	5			Lbyy						Lateral
2	CR2	C5X6.7	5			Lbyy						Lateral
3	CR3	C5X6.7	5			Lbyy						Lateral
4	FACE1	C5X6.7	1			Lbyy						Lateral
5	FACE1A	C5X6.7	5.333			Lbyy						Lateral
6	FACE1B	C5X6.7	5.333			Lbyy						Lateral
7	FACE2	C5X6.7	1			Lbyy						Lateral
8	FACE2A	C5X6.7	5.333			Lbyy						Lateral
9	FACE2B	C5X6.7	5.334			Lbyy						Lateral
10	FACE3	C5X6.7	1			Lbyy						Lateral
11	FACE3A	C5X6.7	5.334			Lbyy						Lateral
12	FACE3B	C5X6.7	5.333			Lbyy						Lateral
13	LADDER1	L2.5x2.5x4	7			Lbyy						Lateral
14	LADDER2	L2.5x2.5x4	7			Lbyy						Lateral
15	LSUPP1	C5X6.7	2.165			Lbyy						Lateral
16	LSUPP2	C5X6.7	2.5			Lbyy						Lateral
17	MP ALPHA1	PIPE_2.0	6			Lbyy						Lateral
18	MP ALPHA2	PIPE_2.0	8			Lbyy						Lateral
19	MP BETA1	PIPE_2.0	6			Lbyy						Lateral
20	MP BETA2	PIPE_2.0	8			Lbyy						Lateral
21	MP GAMMA1	PIPE_2.0	6			Lbyy						Lateral
22	MP GAMMA2	PIPE_2.0	8			Lbyy						Lateral
23	PL1	6x0.375	.75			Lbyy						Lateral
24	PL2	6x0.375	.75			Lbyy						Lateral
25	PL3	6x0.375	.75			Lbyy						Lateral
26	PL4	6x0.375	.75			Lbyy						Lateral
27	PL5	6x0.375	.75			Lbyy						Lateral
28	PL6	6x0.375	.75			Lbyy						Lateral
29	PLANGLE1	L5X5X6	3.24			Lbyy						Lateral
30	PLANGLE2	L5X5X6	3.24			Lbyy						Lateral
31	PLANGLE3	L5X5X6	3.24			Lbyy						Lateral
32	RAIL1	PIPE_2.0	11.5			Lbyy						Lateral
33	RAIL2	PIPE_2.0	11.5			Lbyy						Lateral
34	RAIL3	PIPE_2.0	11.5			Lbyy						Lateral
35	RCORNER1	L2.5x2.5x4	1.025			Lbyy						Lateral
36	RCORNER2	L2.5x2.5x4	1.025			Lbyy						Lateral
37	RCORNER3	L2.5x2.5x4	1.025			Lbyy						Lateral
38	RPL1	6x0.375	.25			Lbyy						Lateral
39	RPL2	6x0.375	.25			Lbyy						Lateral
40	RPL3	6x0.375	.25			Lbyy						Lateral
41	RPL4	6x0.375	.25			Lbyy						Lateral
42	RPL5	6x0.375	.25			Lbyy						Lateral
43	RPL6	6x0.375	.25			Lbyy						Lateral
44	RUNG1	1.0	1			Lbyy						Lateral
45	RUNG2	1.0	1			Lbyy						Lateral
46	RUNG3	1.0	1			Lbyy						Lateral
47	RUNG4	1.0	1			Lbyy						Lateral
48	RUNG5	1.0	1			Lbyy						Lateral

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
49	RUNG6	1.0	1			Lbyy						Lateral
50	RUNG7	1.0	1			Lbyy						Lateral
51	RUNG8	1.0	1			Lbyy						Lateral
52	SO1	HSS3X3X5	2.25			Lbyy						Lateral
53	SO2	HSS3X3X5	2.25			Lbyy						Lateral
54	SO3	HSS3X3X5	2.25			Lbyy						Lateral

Member Primary Data

	Label	I Joint	J Joint	K Joint	Rotate(...	Section/Shape	Type	Design List	Material	Design Rules
1	CR1	N39	N32		90	C5X6.7	Beam	Channel	A36 Gr.36	Typical
2	CR2	N36	N38		270	C5X6.7	Beam	Channel	A36 Gr.36	Typical
3	CR3	N33	N35		90	C5X6.7	Beam	Channel	A36 Gr.36	Typical
4	FACE1	N119A	N122B		270	C5X6.7	Beam	Channel	A36 Gr.36	Typical
5	FACE1A	N122B	N2		270	C5X6.7	Beam	Channel	A36 Gr.36	Typical
6	FACE1B	N1	N119A		270	C5X6.7	Beam	Channel	A36 Gr.36	Typical
7	FACE2	N120A	N123B		90	C5X6.7	Beam	Channel	A36 Gr.36	Typical
8	FACE2A	N5	N120A		90	C5X6.7	Beam	Channel	A36 Gr.36	Typical
9	FACE2B	N123B	N6		90	C5X6.7	Beam	Channel	A36 Gr.36	Typical
10	FACE3	N121A	N124A		90	C5X6.7	Beam	Channel	A36 Gr.36	Typical
11	FACE3A	N124A	N9		90	C5X6.7	Beam	Channel	A36 Gr.36	Typical
12	FACE3B	N8A	N121A		90	C5X6.7	Beam	Channel	A36 Gr.36	Typical
13	LADDER1	N257	N235		180	L2.5x2.5x4	Beam	Single Angle	A36 Gr.36	Typical
14	LADDER2	N256	N234		270	L2.5x2.5x4	Beam	Single Angle	A36 Gr.36	Typical
15	LSUPP1	N226A	N228		270	C5X6.7	Beam	Channel	A36 Gr.36	Typical
16	LSUPP2	N224A	N226		270	C5X6.7	Beam	Channel	A36 Gr.36	Typical
17	M4	N10	N20A			RIGID	None	None	RIGID	Typical
18	M5	N10	N26			RIGID	None	None	RIGID	Typical
19	M6	N17	N23			RIGID	None	None	RIGID	Typical
20	M7	N17	N29			RIGID	None	None	RIGID	Typical
21	M8	N11	N21			RIGID	None	None	RIGID	Typical
22	M9	N11	N27			RIGID	None	None	RIGID	Typical
23	M10	N19	N24			RIGID	None	None	RIGID	Typical
24	M11	N19	N30			RIGID	None	None	RIGID	Typical
25	M12	N20	N25			RIGID	None	None	RIGID	Typical
26	M13	N20	N31			RIGID	None	None	RIGID	Typical
27	M14	N16	N22			RIGID	None	None	RIGID	Typical
28	M15	N16	N28			RIGID	None	None	RIGID	Typical
29	M34	N107B	N86			RIGID	None	None	RIGID	Typical
30	M36	N87	N108A			RIGID	None	None	RIGID	Typical
31	M38	N114B	N116			RIGID	None	None	RIGID	Typical
32	M40	N117	N115			RIGID	None	None	RIGID	Typical
33	M42	N121	N56			RIGID	None	None	RIGID	Typical
34	M44	N57	N122A			RIGID	None	None	RIGID	Typical
35	M58	N143	N147			RIGID	None	None	RIGID	Typical
36	M59	N135	N139			RIGID	None	None	RIGID	Typical
37	M66	N140	N144			RIGID	None	None	RIGID	Typical
38	M67	N132	N136			RIGID	None	None	RIGID	Typical
39	M105	N230	N232			RIGID	None	None	RIGID	Typical
40	M105A	N219A	N203			RIGID	None	None	RIGID	Typical
41	M106	N231	N233			RIGID	None	None	RIGID	Typical
42	M106A	N218A	N202			RIGID	None	None	RIGID	Typical
43	M109	N210	N212		180	RIGID	None	None	RIGID	Typical
44	M110	N209	N211		180	RIGID	None	None	RIGID	Typical
45	M110A	N99A	N253B			RIGID	None	None	RIGID	Typical
46	M111A	N98A	N252B			RIGID	None	None	RIGID	Typical

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(...	Section/Shape	Type	Design List	Material	Design Rules
47	M112A	N100	N254			RIGID	None	None	RIGID	Typical
48	M113	N219B	N221			RIGID	None	None	RIGID	Typical
49	M114	N218B	N220			RIGID	None	None	RIGID	Typical
50	M114A	N253B	N258			RIGID	None	None	RIGID	Typical
51	M115A	N252B	N257A			RIGID	None	None	RIGID	Typical
52	M116	N254	N259			RIGID	None	None	RIGID	Typical
53	M118A	N260	N263			RIGID	None	None	RIGID	Typical
54	M119	N257A	N264			RIGID	None	None	RIGID	Typical
55	M119A	N263	N41			RIGID	None	None	RIGID	Typical
56	M120	N264	N38A			RIGID	None	None	RIGID	Typical
57	M120A	N230A	N232A		180	RIGID	None	None	RIGID	Typical
58	M121	N261	N264A			RIGID	None	None	RIGID	Typical
59	M121A	N226B	N228B		180	RIGID	None	None	RIGID	Typical
60	M122	N264A	N125			RIGID	None	None	RIGID	Typical
61	M122A	N229A	N231A		180	RIGID	None	None	RIGID	Typical
62	M123	N106	N273		180	RIGID	None	None	RIGID	Typical
63	M123A	N225A	N227		180	RIGID	None	None	RIGID	Typical
64	M124	N105A	N272		180	RIGID	None	None	RIGID	Typical
65	M125	N107A	N274		180	RIGID	None	None	RIGID	Typical
66	M126	N243	N245A			RIGID	None	None	RIGID	Typical
67	M127	N273	N278		240	RIGID	None	None	RIGID	Typical
68	M127A	N239	N241A			RIGID	None	None	RIGID	Typical
69	M128	N272	N277		240	RIGID	None	None	RIGID	Typical
70	M128A	N242	N244A			RIGID	None	None	RIGID	Typical
71	M129	N274	N279		240	RIGID	None	None	RIGID	Typical
72	M129A	N238	N240A			RIGID	None	None	RIGID	Typical
73	M129B	N117	N116			RIGID	None	None	RIGID	Typical
74	M130	N277	N282		240	RIGID	None	None	RIGID	Typical
75	M130A	N86	N87			RIGID	None	None	RIGID	Typical
76	M131	N280	N283		240	RIGID	None	None	RIGID	Typical
77	M131A	N57	N56			RIGID	None	None	RIGID	Typical
78	M132	N283	N71			RIGID	None	None	RIGID	Typical
79	M133	N282	N68		180	RIGID	None	None	RIGID	Typical
80	M134	N281	N284		240	RIGID	None	None	RIGID	Typical
81	M135	N284	N65		180	RIGID	None	None	RIGID	Typical
82	M136	N113A	N293			RIGID	None	None	RIGID	Typical
83	M137	N112	N292			RIGID	None	None	RIGID	Typical
84	M138	N114A	N294			RIGID	None	None	RIGID	Typical
85	M140	N293	N298		120	RIGID	None	None	RIGID	Typical
86	M141	N292	N297		120	RIGID	None	None	RIGID	Typical
87	M142	N294	N299		120	RIGID	None	None	RIGID	Typical
88	M143	N297	N302		120	RIGID	None	None	RIGID	Typical
89	M144	N300	N303		120	RIGID	None	None	RIGID	Typical
90	M145	N303	N101		180	RIGID	None	None	RIGID	Typical
91	M146	N302	N98			RIGID	None	None	RIGID	Typical
92	M147	N301	N304		120	RIGID	None	None	RIGID	Typical
93	M148	N304	N95			RIGID	None	None	RIGID	Typical
94	MP ALPHA1	N148	N150			PIPE_2.0	Beam	Pipe	A53 Gr.B	Typical
95	MP ALPHA2	N149	N151			PIPE_2.0	Beam	Pipe	A53 Gr.B	Typical
96	MP BETA1	N246	N248A		240	PIPE_2.0	Beam	Pipe	A53 Gr.B	Typical
97	MP BETA2	N247	N249A		240	PIPE_2.0	Beam	Pipe	A53 Gr.B	Typical
98	MP GAMM...	N233A	N235A		120	PIPE_2.0	Beam	Pipe	A53 Gr.B	Typical
99	MP GAMM...	N234A	N236A		120	PIPE_2.0	Beam	Pipe	A53 Gr.B	Typical
100	PL1	N24	N21			6x0.375	Beam	RECT	A36 Gr.36	Typical
101	PL2	N30	N27			6x0.375	Beam	RECT	A36 Gr.36	Typical
102	PL3	N22	N25			6x0.375	Beam	RECT	A36 Gr.36	Typical
103	PL4	N28	N31			6x0.375	Beam	RECT	A36 Gr.36	Typical

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(...	Section/Shape	Type	Design List	Material	Design Rules
104	PL5	N20A	N23			6x0.375	Beam	RECT	A36 Gr.36	Typical
105	PL6	N26	N29			6x0.375	Beam	RECT	A36 Gr.36	Typical
106	PLANGLE1	N275	N276		270	L5X5X6	Beam	Single Angle	A36 Gr.36	Typical
107	PLANGLE2	N255	N256A		90	L5X5X6	Beam	Single Angle	A36 Gr.36	Typical
108	PLANGLE3	N295	N296		270	L5X5X6	Beam	Single Angle	A36 Gr.36	Typical
109	RAIL1	N125A	N126A			PIPE_2.0	Beam	Pipe	A53 Gr.B	Typical
110	RAIL2	N218	N219			PIPE_2.0	Beam	Pipe	A53 Gr.B	Typical
111	RAIL3	N215A	N216A			PIPE_2.0	Beam	Pipe	A53 Gr.B	Typical
112	RCORNER1	N225	N204		270	L2.5x2.5x4	Beam	Single Angle	A36 Gr.36	Typical
113	RCORNER2	N216	N222		90	L2.5x2.5x4	Beam	Single Angle	A36 Gr.36	Typical
114	RCORNER3	N207	N213		270	L2.5x2.5x4	Beam	Single Angle	A36 Gr.36	Typical
115	RPL1	N206	N204		90	6x0.375	Beam	RECT	A36 Gr.36	Typical
116	RPL2	N223	N225		270	6x0.375	Beam	RECT	A36 Gr.36	Typical
117	RPL3	N224	N222		270	6x0.375	Beam	RECT	A36 Gr.36	Typical
118	RPL4	N214	N216		270	6x0.375	Beam	RECT	A36 Gr.36	Typical
119	RPL5	N215	N213		270	6x0.375	Beam	RECT	A36 Gr.36	Typical
120	RPL6	N205	N207		90	6x0.375	Beam	RECT	A36 Gr.36	Typical
121	RUNG1	N235	N234			1.0	Beam	BAR	A36 Gr.36	Typical
122	RUNG2	N233	N232			1.0	Beam	BAR	A36 Gr.36	Typical
123	RUNG3	N237	N236			1.0	Beam	BAR	A36 Gr.36	Typical
124	RUNG4	N241	N240			1.0	Beam	BAR	A36 Gr.36	Typical
125	RUNG5	N245	N244			1.0	Beam	BAR	A36 Gr.36	Typical
126	RUNG6	N249	N248			1.0	Beam	BAR	A36 Gr.36	Typical
127	RUNG7	N253	N252			1.0	Beam	BAR	A36 Gr.36	Typical
128	RUNG8	N257	N256			1.0	Beam	BAR	A36 Gr.36	Typical
129	SO1	N109	N110A			HSS3X3X5	Beam	SquareTube	A500 Gr.B Rect	Typical
130	SO2	N123A	N124			HSS3X3X5	Beam	SquareTube	A500 Gr.B Rect	Typical
131	SO3	N116A	N117A			HSS3X3X5	Beam	SquareTube	A500 Gr.B Rect	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	CR1	BenPIN	BenPIN				Yes	Default			None
2	CR2	BenPIN	BenPIN				Yes	Default			None
3	CR3	BenPIN	BenPIN				Yes	Default			None
4	FACE1						Yes				None
5	FACE1A						Yes				None
6	FACE1B						Yes				None
7	FACE2						Yes				None
8	FACE2A						Yes				None
9	FACE2B						Yes				None
10	FACE3						Yes				None
11	FACE3A						Yes				None
12	FACE3B						Yes				None
13	LADDER1						Yes				None
14	LADDER2						Yes				None
15	LSUPP1	BenPIN	BenPIN				Yes	Default			None
16	LSUPP2	BenPIN	BenPIN				Yes	Default			None
17	M4						Yes	** NA **			None
18	M5						Yes	** NA **			None
19	M6						Yes	** NA **			None
20	M7						Yes	** NA **			None
21	M8						Yes	** NA **			None
22	M9						Yes	** NA **			None
23	M10						Yes	** NA **			None
24	M11						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[i...	Inactive	Seismic...
25	M12						Yes	** NA **			None
26	M13						Yes	** NA **			None
27	M14						Yes	** NA **			None
28	M15						Yes	** NA **			None
29	M34						Yes	** NA **			None
30	M36						Yes	** NA **			None
31	M38						Yes	** NA **			None
32	M40						Yes	** NA **			None
33	M42						Yes	** NA **			None
34	M44						Yes	** NA **			None
35	M58						Yes	** NA **			None
36	M59						Yes	** NA **			None
37	M66						Yes	** NA **			None
38	M67						Yes	** NA **			None
39	M105						Yes	** NA **			None
40	M105A						Yes	** NA **			None
41	M106						Yes	** NA **			None
42	M106A						Yes	** NA **			None
43	M109						Yes	** NA **			None
44	M110						Yes	** NA **			None
45	M110A						Yes	** NA **			None
46	M111A						Yes	** NA **			None
47	M112A						Yes	** NA **			None
48	M113						Yes	** NA **			None
49	M114						Yes	** NA **			None
50	M114A						Yes	** NA **			None
51	M115A						Yes	** NA **			None
52	M116						Yes	** NA **			None
53	M118A						Yes	** NA **			None
54	M119						Yes	** NA **			None
55	M119A						Yes	** NA **			None
56	M120						Yes	** NA **			None
57	M120A						Yes	** NA **			None
58	M121						Yes	** NA **			None
59	M121A						Yes	** NA **			None
60	M122						Yes	** NA **			None
61	M122A						Yes	** NA **			None
62	M123						Yes	** NA **			None
63	M123A						Yes	** NA **			None
64	M124						Yes	** NA **			None
65	M125						Yes	** NA **			None
66	M126						Yes	** NA **			None
67	M127						Yes	** NA **			None
68	M127A						Yes	** NA **			None
69	M128						Yes	** NA **			None
70	M128A						Yes	** NA **			None
71	M129						Yes	** NA **			None
72	M129A						Yes	** NA **			None
73	M129B						Yes	** NA **			None
74	M130						Yes	** NA **			None
75	M130A						Yes	** NA **			None
76	M131						Yes	** NA **			None
77	M131A						Yes	** NA **			None
78	M132						Yes	** NA **			None
79	M133						Yes	** NA **			None
80	M134						Yes	** NA **			None
81	M135						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[i...	Inactive	Seismic...
82	M136						Yes	** NA **			None
83	M137						Yes	** NA **			None
84	M138						Yes	** NA **			None
85	M140						Yes	** NA **			None
86	M141						Yes	** NA **			None
87	M142						Yes	** NA **			None
88	M143						Yes	** NA **			None
89	M144						Yes	** NA **			None
90	M145						Yes	** NA **			None
91	M146						Yes	** NA **			None
92	M147						Yes	** NA **			None
93	M148						Yes	** NA **			None
94	MP ALPHA1						Yes				None
95	MP ALPHA2						Yes				None
96	MP BETA1						Yes				None
97	MP BETA2						Yes				None
98	MP GAMM...						Yes				None
99	MP GAMM...						Yes				None
100	PL1						Yes				None
101	PL2						Yes				None
102	PL3						Yes				None
103	PL4						Yes				None
104	PL5						Yes				None
105	PL6						Yes				None
106	PLANGLE1						Yes				None
107	PLANGLE2						Yes				None
108	PLANGLE3						Yes				None
109	RAIL1						Yes				None
110	RAIL2						Yes				None
111	RAIL3						Yes				None
112	RCORNER1						Yes				None
113	RCORNER2						Yes				None
114	RCORNER3						Yes				None
115	RPL1						Yes				None
116	RPL2						Yes				None
117	RPL3						Yes				None
118	RPL4						Yes				None
119	RPL5						Yes				None
120	RPL6						Yes				None
121	RUNG1						Yes				None
122	RUNG2						Yes				None
123	RUNG3						Yes				None
124	RUNG4						Yes				None
125	RUNG5						Yes				None
126	RUNG6						Yes				None
127	RUNG7						Yes				None
128	RUNG8						Yes				None
129	SO1						Yes				None
130	SO2						Yes				None
131	SO3						Yes				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

Hot Rolled Steel Properties (Continued)

	Label	E [ksi]	G [ksi]	Nu	Therm (/1...	Density[k/ft^3]	Yield[ksi]	Ry	Fu[ksi]	Rt
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	1.25	65	1.15
8	A913 Gr.65	29000	11154	.3	.65	.49	65	1.1	80	1.1

Member Point Loads (BLC 1 : Live Load)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	FACE1B	Z	-.5	0

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA1	Y	-.085	5.083
2	MP ALPHA1	Y	-.085	2.917
3	MP ALPHA2	Y	-.272	6.917
4	MP ALPHA2	Y	-.272	1.083
5	MP BETA1	Y	-.079	5.083
6	MP BETA1	Y	-.079	2.917
7	MP BETA2	Y	-.25	6.917
8	MP BETA2	Y	-.25	1.083
9	MP GAMMA1	Y	-.054	5.083
10	MP GAMMA1	Y	-.054	2.917
11	MP GAMMA2	Y	-.167	6.917
12	MP GAMMA2	Y	-.167	1.083
13	MP ALPHA2	Y	-.083	4
14	MP BETA2	Y	-.051	4
15	MP GAMMA2	Y	-.051	4
16	MP ALPHA2	Y	-.074	4
17	MP BETA2	Y	-.061	4
18	MP GAMMA2	Y	-.061	4

Member Point Loads (BLC 3 : Dead Load)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA1	Z	-.042	5.083
2	MP ALPHA1	Z	-.042	2.917
3	MP ALPHA2	Z	-.061	6.917
4	MP ALPHA2	Z	-.061	1.083
5	MP BETA1	Z	-.042	5.083
6	MP BETA1	Z	-.042	2.917
7	MP BETA2	Z	-.061	6.917
8	MP BETA2	Z	-.061	1.083
9	MP GAMMA1	Z	-.042	5.083
10	MP GAMMA1	Z	-.042	2.917
11	MP GAMMA2	Z	-.061	6.917
12	MP GAMMA2	Z	-.061	1.083
13	MP ALPHA2	Z	-.081	4
14	MP BETA2	Z	-.081	4
15	MP GAMMA2	Z	-.081	4
16	MP ALPHA2	Z	-.109	4
17	MP BETA2	Z	-.109	4
18	MP GAMMA2	Z	-.109	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA1	Y	-.054	5.083
2	MP ALPHA1	Y	-.054	2.917
3	MP ALPHA1	X	-.031	5.083
4	MP ALPHA1	X	-.031	2.917
5	MP ALPHA2	Y	-.168	6.917
6	MP ALPHA2	Y	-.168	1.083
7	MP ALPHA2	X	-.097	6.917
8	MP ALPHA2	X	-.097	1.083
9	MP BETA1	Y	-.047	5.083
10	MP BETA1	Y	-.047	2.917
11	MP BETA1	X	-.027	5.083
12	MP BETA1	X	-.027	2.917
13	MP BETA2	Y	-.145	6.917
14	MP BETA2	Y	-.145	1.083
15	MP BETA2	X	-.083	6.917
16	MP BETA2	X	-.083	1.083
17	MP GAMMA1	Y	-.068	5.083
18	MP GAMMA1	Y	-.068	2.917
19	MP GAMMA1	X	-.039	5.083
20	MP GAMMA1	X	-.039	2.917
21	MP GAMMA2	Y	-.216	6.917
22	MP GAMMA2	Y	-.216	1.083
23	MP GAMMA2	X	-.125	6.917
24	MP GAMMA2	X	-.125	1.083
25	MP ALPHA2	Y	-.062	4
26	MP ALPHA2	X	-.036	4
27	MP BETA2	Y	-.035	4
28	MP BETA2	X	-.02	4
29	MP GAMMA2	Y	-.062	4
30	MP GAMMA2	X	-.036	4
31	MP ALPHA2	Y	-.06	4
32	MP ALPHA2	X	-.035	4
33	MP BETA2	Y	-.049	4
34	MP BETA2	X	-.028	4
35	MP GAMMA2	Y	-.06	4
36	MP GAMMA2	X	-.035	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA1	Y	-.021	5.083
2	MP ALPHA1	Y	-.021	2.917
3	MP ALPHA1	X	-.037	5.083
4	MP ALPHA1	X	-.037	2.917
5	MP ALPHA2	Y	-.065	6.917
6	MP ALPHA2	Y	-.065	1.083
7	MP ALPHA2	X	-.113	6.917
8	MP ALPHA2	X	-.113	1.083
9	MP BETA1	Y	-.021	5.083
10	MP BETA1	Y	-.021	2.917
11	MP BETA1	X	-.036	5.083
12	MP BETA1	X	-.036	2.917
13	MP BETA2	Y	-.063	6.917
14	MP BETA2	Y	-.063	1.083
15	MP BETA2	X	-.109	6.917
16	MP BETA2	X	-.109	1.083
17	MP GAMMA1	Y	-.045	5.083

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
18	MP GAMMA1	Y	-.045	2.917
19	MP GAMMA1	X	-.079	5.083
20	MP GAMMA1	X	-.079	2.917
21	MP GAMMA2	Y	-.145	6.917
22	MP GAMMA2	Y	-.145	1.083
23	MP GAMMA2	X	-.252	6.917
24	MP GAMMA2	X	-.252	1.083
25	MP ALPHA2	Y	-.025	4
26	MP ALPHA2	X	-.044	4
27	MP BETA2	Y	-.025	4
28	MP BETA2	X	-.044	4
29	MP GAMMA2	Y	-.041	4
30	MP GAMMA2	X	-.072	4
31	MP ALPHA2	Y	-.031	4
32	MP ALPHA2	X	-.053	4
33	MP BETA2	Y	-.031	4
34	MP BETA2	X	-.053	4
35	MP GAMMA2	Y	-.037	4
36	MP GAMMA2	X	-.064	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA1	X	-.047	5.083
2	MP ALPHA1	X	-.047	2.917
3	MP ALPHA2	X	-.145	6.917
4	MP ALPHA2	X	-.145	1.083
5	MP BETA1	X	-.054	5.083
6	MP BETA1	X	-.054	2.917
7	MP BETA2	X	-.167	6.917
8	MP BETA2	X	-.167	1.083
9	MP GAMMA1	X	-.079	5.083
10	MP GAMMA1	X	-.079	2.917
11	MP GAMMA2	X	-.25	6.917
12	MP GAMMA2	X	-.25	1.083
13	MP ALPHA2	X	-.04	4
14	MP BETA2	X	-.072	4
15	MP GAMMA2	X	-.072	4
16	MP ALPHA2	X	-.057	4
17	MP BETA2	X	-.07	4
18	MP GAMMA2	X	-.07	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA1	Y	.035	5.083
2	MP ALPHA1	Y	.035	2.917
3	MP ALPHA1	X	-.061	5.083
4	MP ALPHA1	X	-.061	2.917
5	MP ALPHA2	Y	.111	6.917
6	MP ALPHA2	Y	.111	1.083
7	MP ALPHA2	X	-.193	6.917
8	MP ALPHA2	X	-.193	1.083
9	MP BETA1	Y	.039	5.083
10	MP BETA1	Y	.039	2.917
11	MP BETA1	X	-.068	5.083
12	MP BETA1	X	-.068	2.917
13	MP BETA2	Y	.125	6.917

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
14	MP BETA2	Y	.125	1.083
15	MP BETA2	X	-.216	6.917
16	MP BETA2	X	-.216	1.083
17	MP GAMMA1	Y	.027	5.083
18	MP GAMMA1	Y	.027	2.917
19	MP GAMMA1	X	-.047	5.083
20	MP GAMMA1	X	-.047	2.917
21	MP GAMMA2	Y	.083	6.917
22	MP GAMMA2	Y	.083	1.083
23	MP GAMMA2	X	-.145	6.917
24	MP GAMMA2	X	-.145	1.083
25	MP ALPHA2	Y	.025	4
26	MP ALPHA2	X	-.044	4
27	MP BETA2	Y	.041	4
28	MP BETA2	X	-.072	4
29	MP GAMMA2	Y	.025	4
30	MP GAMMA2	X	-.044	4
31	MP ALPHA2	Y	.031	4
32	MP ALPHA2	X	-.053	4
33	MP BETA2	Y	.037	4
34	MP BETA2	X	-.064	4
35	MP GAMMA2	Y	.031	4
36	MP GAMMA2	X	-.053	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA1	Y	.077	5.083
2	MP ALPHA1	Y	.077	2.917
3	MP ALPHA1	X	-.045	5.083
4	MP ALPHA1	X	-.045	2.917
5	MP ALPHA2	Y	.248	6.917
6	MP ALPHA2	Y	.248	1.083
7	MP ALPHA2	X	-.143	6.917
8	MP ALPHA2	X	-.143	1.083
9	MP BETA1	Y	.079	5.083
10	MP BETA1	Y	.079	2.917
11	MP BETA1	X	-.045	5.083
12	MP BETA1	X	-.045	2.917
13	MP BETA2	Y	.252	6.917
14	MP BETA2	Y	.252	1.083
15	MP BETA2	X	-.145	6.917
16	MP BETA2	X	-.145	1.083
17	MP GAMMA1	Y	.036	5.083
18	MP GAMMA1	Y	.036	2.917
19	MP GAMMA1	X	-.021	5.083
20	MP GAMMA1	X	-.021	2.917
21	MP GAMMA2	Y	.109	6.917
22	MP GAMMA2	Y	.109	1.083
23	MP GAMMA2	X	-.063	6.917
24	MP GAMMA2	X	-.063	1.083
25	MP ALPHA2	Y	.062	4
26	MP ALPHA2	X	-.036	4
27	MP BETA2	Y	.062	4
28	MP BETA2	X	-.036	4
29	MP GAMMA2	Y	.035	4
30	MP GAMMA2	X	-.02	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
31	MP ALPHA2	Y	.06	4
32	MP ALPHA2	X	-.035	4
33	MP BETA2	Y	.06	4
34	MP BETA2	X	-.035	4
35	MP GAMMA2	Y	.049	4
36	MP GAMMA2	X	-.028	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA1	Y	.085	5.083
2	MP ALPHA1	Y	.085	2.917
3	MP ALPHA2	Y	.272	6.917
4	MP ALPHA2	Y	.272	1.083
5	MP BETA1	Y	.079	5.083
6	MP BETA1	Y	.079	2.917
7	MP BETA2	Y	.25	6.917
8	MP BETA2	Y	.25	1.083
9	MP GAMMA1	Y	.054	5.083
10	MP GAMMA1	Y	.054	2.917
11	MP GAMMA2	Y	.167	6.917
12	MP GAMMA2	Y	.167	1.083
13	MP ALPHA2	Y	.083	4
14	MP BETA2	Y	.051	4
15	MP GAMMA2	Y	.051	4
16	MP ALPHA2	Y	.074	4
17	MP BETA2	Y	.061	4
18	MP GAMMA2	Y	.061	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA1	Y	.054	5.083
2	MP ALPHA1	Y	.054	2.917
3	MP ALPHA1	X	.031	5.083
4	MP ALPHA1	X	.031	2.917
5	MP ALPHA2	Y	.168	6.917
6	MP ALPHA2	Y	.168	1.083
7	MP ALPHA2	X	.097	6.917
8	MP ALPHA2	X	.097	1.083
9	MP BETA1	Y	.047	5.083
10	MP BETA1	Y	.047	2.917
11	MP BETA1	X	.027	5.083
12	MP BETA1	X	.027	2.917
13	MP BETA2	Y	.145	6.917
14	MP BETA2	Y	.145	1.083
15	MP BETA2	X	.083	6.917
16	MP BETA2	X	.083	1.083
17	MP GAMMA1	Y	.068	5.083
18	MP GAMMA1	Y	.068	2.917
19	MP GAMMA1	X	.039	5.083
20	MP GAMMA1	X	.039	2.917
21	MP GAMMA2	Y	.216	6.917
22	MP GAMMA2	Y	.216	1.083
23	MP GAMMA2	X	.125	6.917
24	MP GAMMA2	X	.125	1.083
25	MP ALPHA2	Y	.062	4
26	MP ALPHA2	X	.036	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
27	MP BETA2	Y	.035	4
28	MP BETA2	X	.02	4
29	MP GAMMA2	Y	.062	4
30	MP GAMMA2	X	.036	4
31	MP ALPHA2	Y	.06	4
32	MP ALPHA2	X	.035	4
33	MP BETA2	Y	.049	4
34	MP BETA2	X	.028	4
35	MP GAMMA2	Y	.06	4
36	MP GAMMA2	X	.035	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA1	Y	.021	5.083
2	MP ALPHA1	Y	.021	2.917
3	MP ALPHA1	X	.037	5.083
4	MP ALPHA1	X	.037	2.917
5	MP ALPHA2	Y	.065	6.917
6	MP ALPHA2	Y	.065	1.083
7	MP ALPHA2	X	.113	6.917
8	MP ALPHA2	X	.113	1.083
9	MP BETA1	Y	.021	5.083
10	MP BETA1	Y	.021	2.917
11	MP BETA1	X	.036	5.083
12	MP BETA1	X	.036	2.917
13	MP BETA2	Y	.063	6.917
14	MP BETA2	Y	.063	1.083
15	MP BETA2	X	.109	6.917
16	MP BETA2	X	.109	1.083
17	MP GAMMA1	Y	.045	5.083
18	MP GAMMA1	Y	.045	2.917
19	MP GAMMA1	X	.079	5.083
20	MP GAMMA1	X	.079	2.917
21	MP GAMMA2	Y	.145	6.917
22	MP GAMMA2	Y	.145	1.083
23	MP GAMMA2	X	.252	6.917
24	MP GAMMA2	X	.252	1.083
25	MP ALPHA2	Y	.025	4
26	MP ALPHA2	X	.044	4
27	MP BETA2	Y	.025	4
28	MP BETA2	X	.044	4
29	MP GAMMA2	Y	.041	4
30	MP GAMMA2	X	.072	4
31	MP ALPHA2	Y	.031	4
32	MP ALPHA2	X	.053	4
33	MP BETA2	Y	.031	4
34	MP BETA2	X	.053	4
35	MP GAMMA2	Y	.037	4
36	MP GAMMA2	X	.064	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA1	X	.047	5.083
2	MP ALPHA1	X	.047	2.917
3	MP ALPHA2	X	.145	6.917
4	MP ALPHA2	X	.145	1.083

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
5	MP BETA1	X	.054	5.083
6	MP BETA1	X	.054	2.917
7	MP BETA2	X	.167	6.917
8	MP BETA2	X	.167	1.083
9	MP GAMMA1	X	.079	5.083
10	MP GAMMA1	X	.079	2.917
11	MP GAMMA2	X	.25	6.917
12	MP GAMMA2	X	.25	1.083
13	MP ALPHA2	X	.04	4
14	MP BETA2	X	.072	4
15	MP GAMMA2	X	.072	4
16	MP ALPHA2	X	.057	4
17	MP BETA2	X	.07	4
18	MP GAMMA2	X	.07	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA1	Y	-.035	5.083
2	MP ALPHA1	Y	-.035	2.917
3	MP ALPHA1	X	.061	5.083
4	MP ALPHA1	X	.061	2.917
5	MP ALPHA2	Y	-.111	6.917
6	MP ALPHA2	Y	-.111	1.083
7	MP ALPHA2	X	.193	6.917
8	MP ALPHA2	X	.193	1.083
9	MP BETA1	Y	-.039	5.083
10	MP BETA1	Y	-.039	2.917
11	MP BETA1	X	.068	5.083
12	MP BETA1	X	.068	2.917
13	MP BETA2	Y	-.125	6.917
14	MP BETA2	Y	-.125	1.083
15	MP BETA2	X	.216	6.917
16	MP BETA2	X	.216	1.083
17	MP GAMMA1	Y	-.027	5.083
18	MP GAMMA1	Y	-.027	2.917
19	MP GAMMA1	X	.047	5.083
20	MP GAMMA1	X	.047	2.917
21	MP GAMMA2	Y	-.083	6.917
22	MP GAMMA2	Y	-.083	1.083
23	MP GAMMA2	X	.145	6.917
24	MP GAMMA2	X	.145	1.083
25	MP ALPHA2	Y	-.025	4
26	MP ALPHA2	X	.044	4
27	MP BETA2	Y	-.041	4
28	MP BETA2	X	.072	4
29	MP GAMMA2	Y	-.025	4
30	MP GAMMA2	X	.044	4
31	MP ALPHA2	Y	-.031	4
32	MP ALPHA2	X	.053	4
33	MP BETA2	Y	-.037	4
34	MP BETA2	X	.064	4
35	MP GAMMA2	Y	-.031	4
36	MP GAMMA2	X	.053	4

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

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

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA1	Y	-.077	5.083
2	MP ALPHA1	Y	-.077	2.917
3	MP ALPHA1	X	.045	5.083
4	MP ALPHA1	X	.045	2.917
5	MP ALPHA2	Y	-.248	6.917
6	MP ALPHA2	Y	-.248	1.083
7	MP ALPHA2	X	.143	6.917
8	MP ALPHA2	X	.143	1.083
9	MP BETA1	Y	-.079	5.083
10	MP BETA1	Y	-.079	2.917
11	MP BETA1	X	.045	5.083
12	MP BETA1	X	.045	2.917
13	MP BETA2	Y	-.252	6.917
14	MP BETA2	Y	-.252	1.083
15	MP BETA2	X	.145	6.917
16	MP BETA2	X	.145	1.083
17	MP GAMMA1	Y	-.036	5.083
18	MP GAMMA1	Y	-.036	2.917
19	MP GAMMA1	X	.021	5.083
20	MP GAMMA1	X	.021	2.917
21	MP GAMMA2	Y	-.109	6.917
22	MP GAMMA2	Y	-.109	1.083
23	MP GAMMA2	X	.063	6.917
24	MP GAMMA2	X	.063	1.083
25	MP ALPHA2	Y	-.062	4
26	MP ALPHA2	X	.036	4
27	MP BETA2	Y	-.062	4
28	MP BETA2	X	.036	4
29	MP GAMMA2	Y	-.035	4
30	MP GAMMA2	X	.02	4
31	MP ALPHA2	Y	-.06	4
32	MP ALPHA2	X	.035	4
33	MP BETA2	Y	-.06	4
34	MP BETA2	X	.035	4
35	MP GAMMA2	Y	-.049	4
36	MP GAMMA2	X	.028	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA1	Y	-.006	5.083
2	MP ALPHA1	Y	-.006	2.917
3	MP ALPHA2	Y	-.018	6.917
4	MP ALPHA2	Y	-.018	1.083
5	MP BETA1	Y	-.005	5.083
6	MP BETA1	Y	-.005	2.917
7	MP BETA2	Y	-.017	6.917
8	MP BETA2	Y	-.017	1.083
9	MP GAMMA1	Y	-.004	5.083
10	MP GAMMA1	Y	-.004	2.917
11	MP GAMMA2	Y	-.011	6.917
12	MP GAMMA2	Y	-.011	1.083
13	MP ALPHA2	Y	-.006	4
14	MP BETA2	Y	-.003	4
15	MP GAMMA2	Y	-.003	4
16	MP ALPHA2	Y	-.005	4
17	MP BETA2	Y	-.004	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
18	MP GAMMA2	Y	-.004	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA1	Y	-.004	5.083
2	MP ALPHA1	Y	-.004	2.917
3	MP ALPHA1	X	-.002	5.083
4	MP ALPHA1	X	-.002	2.917
5	MP ALPHA2	Y	-.011	6.917
6	MP ALPHA2	Y	-.011	1.083
7	MP ALPHA2	X	-.006	6.917
8	MP ALPHA2	X	-.006	1.083
9	MP BETA1	Y	-.003	5.083
10	MP BETA1	Y	-.003	2.917
11	MP BETA1	X	-.002	5.083
12	MP BETA1	X	-.002	2.917
13	MP BETA2	Y	-.01	6.917
14	MP BETA2	Y	-.01	1.083
15	MP BETA2	X	-.006	6.917
16	MP BETA2	X	-.006	1.083
17	MP GAMMA1	Y	-.005	5.083
18	MP GAMMA1	Y	-.005	2.917
19	MP GAMMA1	X	-.003	5.083
20	MP GAMMA1	X	-.003	2.917
21	MP GAMMA2	Y	-.014	6.917
22	MP GAMMA2	Y	-.014	1.083
23	MP GAMMA2	X	-.008	6.917
24	MP GAMMA2	X	-.008	1.083
25	MP ALPHA2	Y	-.004	4
26	MP ALPHA2	X	-.002	4
27	MP BETA2	Y	-.002	4
28	MP BETA2	X	-.001	4
29	MP GAMMA2	Y	-.004	4
30	MP GAMMA2	X	-.002	4
31	MP ALPHA2	Y	-.004	4
32	MP ALPHA2	X	-.002	4
33	MP BETA2	Y	-.003	4
34	MP BETA2	X	-.002	4
35	MP GAMMA2	Y	-.004	4
36	MP GAMMA2	X	-.002	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA1	Y	-.001	5.083
2	MP ALPHA1	Y	-.001	2.917
3	MP ALPHA1	X	-.002	5.083
4	MP ALPHA1	X	-.002	2.917
5	MP ALPHA2	Y	-.004	6.917
6	MP ALPHA2	Y	-.004	1.083
7	MP ALPHA2	X	-.008	6.917
8	MP ALPHA2	X	-.008	1.083
9	MP BETA1	Y	-.001	5.083
10	MP BETA1	Y	-.001	2.917
11	MP BETA1	X	-.002	5.083
12	MP BETA1	X	-.002	2.917
13	MP BETA2	Y	-.004	6.917

Member Point Loads (BLC 17 : Maintanence (60)) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
14	MP BETA2	Y	-.004	1.083
15	MP BETA2	X	-.007	6.917
16	MP BETA2	X	-.007	1.083
17	MP GAMMA1	Y	-.003	5.083
18	MP GAMMA1	Y	-.003	2.917
19	MP GAMMA1	X	-.005	5.083
20	MP GAMMA1	X	-.005	2.917
21	MP GAMMA2	Y	-.01	6.917
22	MP GAMMA2	Y	-.01	1.083
23	MP GAMMA2	X	-.017	6.917
24	MP GAMMA2	X	-.017	1.083
25	MP ALPHA2	Y	-.002	4
26	MP ALPHA2	X	-.003	4
27	MP BETA2	Y	-.002	4
28	MP BETA2	X	-.003	4
29	MP GAMMA2	Y	-.003	4
30	MP GAMMA2	X	-.005	4
31	MP ALPHA2	Y	-.002	4
32	MP ALPHA2	X	-.004	4
33	MP BETA2	Y	-.002	4
34	MP BETA2	X	-.004	4
35	MP GAMMA2	Y	-.002	4
36	MP GAMMA2	X	-.004	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA1	X	-.003	5.083
2	MP ALPHA1	X	-.003	2.917
3	MP ALPHA2	X	-.01	6.917
4	MP ALPHA2	X	-.01	1.083
5	MP BETA1	X	-.004	5.083
6	MP BETA1	X	-.004	2.917
7	MP BETA2	X	-.011	6.917
8	MP BETA2	X	-.011	1.083
9	MP GAMMA1	X	-.005	5.083
10	MP GAMMA1	X	-.005	2.917
11	MP GAMMA2	X	-.017	6.917
12	MP GAMMA2	X	-.017	1.083
13	MP ALPHA2	X	-.003	4
14	MP BETA2	X	-.005	4
15	MP GAMMA2	X	-.005	4
16	MP ALPHA2	X	-.004	4
17	MP BETA2	X	-.005	4
18	MP GAMMA2	X	-.005	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA1	Y	.002	5.083
2	MP ALPHA1	Y	.002	2.917
3	MP ALPHA1	X	-.004	5.083
4	MP ALPHA1	X	-.004	2.917
5	MP ALPHA2	Y	.007	6.917
6	MP ALPHA2	Y	.007	1.083
7	MP ALPHA2	X	-.013	6.917
8	MP ALPHA2	X	-.013	1.083
9	MP BETA1	Y	.003	5.083

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
10	MP BETA1	Y	.003	2.917
11	MP BETA1	X	-.005	5.083
12	MP BETA1	X	-.005	2.917
13	MP BETA2	Y	.008	6.917
14	MP BETA2	Y	.008	1.083
15	MP BETA2	X	-.014	6.917
16	MP BETA2	X	-.014	1.083
17	MP GAMMA1	Y	.002	5.083
18	MP GAMMA1	Y	.002	2.917
19	MP GAMMA1	X	-.003	5.083
20	MP GAMMA1	X	-.003	2.917
21	MP GAMMA2	Y	.006	6.917
22	MP GAMMA2	Y	.006	1.083
23	MP GAMMA2	X	-.01	6.917
24	MP GAMMA2	X	-.01	1.083
25	MP ALPHA2	Y	.002	4
26	MP ALPHA2	X	-.003	4
27	MP BETA2	Y	.003	4
28	MP BETA2	X	-.005	4
29	MP GAMMA2	Y	.002	4
30	MP GAMMA2	X	-.003	4
31	MP ALPHA2	Y	.002	4
32	MP ALPHA2	X	-.004	4
33	MP BETA2	Y	.002	4
34	MP BETA2	X	-.004	4
35	MP GAMMA2	Y	.002	4
36	MP GAMMA2	X	-.004	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA1	Y	.005	5.083
2	MP ALPHA1	Y	.005	2.917
3	MP ALPHA1	X	-.003	5.083
4	MP ALPHA1	X	-.003	2.917
5	MP ALPHA2	Y	.017	6.917
6	MP ALPHA2	Y	.017	1.083
7	MP ALPHA2	X	-.01	6.917
8	MP ALPHA2	X	-.01	1.083
9	MP BETA1	Y	.005	5.083
10	MP BETA1	Y	.005	2.917
11	MP BETA1	X	-.003	5.083
12	MP BETA1	X	-.003	2.917
13	MP BETA2	Y	.017	6.917
14	MP BETA2	Y	.017	1.083
15	MP BETA2	X	-.01	6.917
16	MP BETA2	X	-.01	1.083
17	MP GAMMA1	Y	.002	5.083
18	MP GAMMA1	Y	.002	2.917
19	MP GAMMA1	X	-.001	5.083
20	MP GAMMA1	X	-.001	2.917
21	MP GAMMA2	Y	.007	6.917
22	MP GAMMA2	Y	.007	1.083
23	MP GAMMA2	X	-.004	6.917
24	MP GAMMA2	X	-.004	1.083
25	MP ALPHA2	Y	.004	4
26	MP ALPHA2	X	-.002	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
27	MP BETA2	Y	.004	4
28	MP BETA2	X	-.002	4
29	MP GAMMA2	Y	.002	4
30	MP GAMMA2	X	-.001	4
31	MP ALPHA2	Y	.004	4
32	MP ALPHA2	X	-.002	4
33	MP BETA2	Y	.004	4
34	MP BETA2	X	-.002	4
35	MP GAMMA2	Y	.003	4
36	MP GAMMA2	X	-.002	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA1	Y	.006	5.083
2	MP ALPHA1	Y	.006	2.917
3	MP ALPHA2	Y	.018	6.917
4	MP ALPHA2	Y	.018	1.083
5	MP BETA1	Y	.005	5.083
6	MP BETA1	Y	.005	2.917
7	MP BETA2	Y	.017	6.917
8	MP BETA2	Y	.017	1.083
9	MP GAMMA1	Y	.004	5.083
10	MP GAMMA1	Y	.004	2.917
11	MP GAMMA2	Y	.011	6.917
12	MP GAMMA2	Y	.011	1.083
13	MP ALPHA2	Y	.006	4
14	MP BETA2	Y	.003	4
15	MP GAMMA2	Y	.003	4
16	MP ALPHA2	Y	.005	4
17	MP BETA2	Y	.004	4
18	MP GAMMA2	Y	.004	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA1	Y	.004	5.083
2	MP ALPHA1	Y	.004	2.917
3	MP ALPHA1	X	.002	5.083
4	MP ALPHA1	X	.002	2.917
5	MP ALPHA2	Y	.011	6.917
6	MP ALPHA2	Y	.011	1.083
7	MP ALPHA2	X	.006	6.917
8	MP ALPHA2	X	.006	1.083
9	MP BETA1	Y	.003	5.083
10	MP BETA1	Y	.003	2.917
11	MP BETA1	X	.002	5.083
12	MP BETA1	X	.002	2.917
13	MP BETA2	Y	.01	6.917
14	MP BETA2	Y	.01	1.083
15	MP BETA2	X	.006	6.917
16	MP BETA2	X	.006	1.083
17	MP GAMMA1	Y	.005	5.083
18	MP GAMMA1	Y	.005	2.917
19	MP GAMMA1	X	.003	5.083
20	MP GAMMA1	X	.003	2.917
21	MP GAMMA2	Y	.014	6.917
22	MP GAMMA2	Y	.014	1.083

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
23	MP GAMMA2	X	.008	6.917
24	MP GAMMA2	X	.008	1.083
25	MP ALPHA2	Y	.004	4
26	MP ALPHA2	X	.002	4
27	MP BETA2	Y	.002	4
28	MP BETA2	X	.001	4
29	MP GAMMA2	Y	.004	4
30	MP GAMMA2	X	.002	4
31	MP ALPHA2	Y	.004	4
32	MP ALPHA2	X	.002	4
33	MP BETA2	Y	.003	4
34	MP BETA2	X	.002	4
35	MP GAMMA2	Y	.004	4
36	MP GAMMA2	X	.002	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA1	Y	.001	5.083
2	MP ALPHA1	Y	.001	2.917
3	MP ALPHA1	X	.002	5.083
4	MP ALPHA1	X	.002	2.917
5	MP ALPHA2	Y	.004	6.917
6	MP ALPHA2	Y	.004	1.083
7	MP ALPHA2	X	.008	6.917
8	MP ALPHA2	X	.008	1.083
9	MP BETA1	Y	.001	5.083
10	MP BETA1	Y	.001	2.917
11	MP BETA1	X	.002	5.083
12	MP BETA1	X	.002	2.917
13	MP BETA2	Y	.004	6.917
14	MP BETA2	Y	.004	1.083
15	MP BETA2	X	.007	6.917
16	MP BETA2	X	.007	1.083
17	MP GAMMA1	Y	.003	5.083
18	MP GAMMA1	Y	.003	2.917
19	MP GAMMA1	X	.005	5.083
20	MP GAMMA1	X	.005	2.917
21	MP GAMMA2	Y	.01	6.917
22	MP GAMMA2	Y	.01	1.083
23	MP GAMMA2	X	.017	6.917
24	MP GAMMA2	X	.017	1.083
25	MP ALPHA2	Y	.002	4
26	MP ALPHA2	X	.003	4
27	MP BETA2	Y	.002	4
28	MP BETA2	X	.003	4
29	MP GAMMA2	Y	.003	4
30	MP GAMMA2	X	.005	4
31	MP ALPHA2	Y	.002	4
32	MP ALPHA2	X	.004	4
33	MP BETA2	Y	.002	4
34	MP BETA2	X	.004	4
35	MP GAMMA2	Y	.002	4
36	MP GAMMA2	X	.004	4

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

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

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA1	X	.003	5.083
2	MP ALPHA1	X	.003	2.917
3	MP ALPHA2	X	.01	6.917
4	MP ALPHA2	X	.01	1.083
5	MP BETA1	X	.004	5.083
6	MP BETA1	X	.004	2.917
7	MP BETA2	X	.011	6.917
8	MP BETA2	X	.011	1.083
9	MP GAMMA1	X	.005	5.083
10	MP GAMMA1	X	.005	2.917
11	MP GAMMA2	X	.017	6.917
12	MP GAMMA2	X	.017	1.083
13	MP ALPHA2	X	.003	4
14	MP BETA2	X	.005	4
15	MP GAMMA2	X	.005	4
16	MP ALPHA2	X	.004	4
17	MP BETA2	X	.005	4
18	MP GAMMA2	X	.005	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA1	Y	-.002	5.083
2	MP ALPHA1	Y	-.002	2.917
3	MP ALPHA1	X	.004	5.083
4	MP ALPHA1	X	.004	2.917
5	MP ALPHA2	Y	-.007	6.917
6	MP ALPHA2	Y	-.007	1.083
7	MP ALPHA2	X	.013	6.917
8	MP ALPHA2	X	.013	1.083
9	MP BETA1	Y	-.003	5.083
10	MP BETA1	Y	-.003	2.917
11	MP BETA1	X	.005	5.083
12	MP BETA1	X	.005	2.917
13	MP BETA2	Y	-.008	6.917
14	MP BETA2	Y	-.008	1.083
15	MP BETA2	X	.014	6.917
16	MP BETA2	X	.014	1.083
17	MP GAMMA1	Y	-.002	5.083
18	MP GAMMA1	Y	-.002	2.917
19	MP GAMMA1	X	.003	5.083
20	MP GAMMA1	X	.003	2.917
21	MP GAMMA2	Y	-.006	6.917
22	MP GAMMA2	Y	-.006	1.083
23	MP GAMMA2	X	.01	6.917
24	MP GAMMA2	X	.01	1.083
25	MP ALPHA2	Y	-.002	4
26	MP ALPHA2	X	.003	4
27	MP BETA2	Y	-.003	4
28	MP BETA2	X	.005	4
29	MP GAMMA2	Y	-.002	4
30	MP GAMMA2	X	.003	4
31	MP ALPHA2	Y	-.002	4
32	MP ALPHA2	X	.004	4
33	MP BETA2	Y	-.002	4
34	MP BETA2	X	.004	4
35	MP GAMMA2	Y	-.002	4

Member Point Loads (BLC 25 : Maintanence (300)) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
36	MP GAMMA2	X	.004	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA1	Y	-.005	5.083
2	MP ALPHA1	Y	-.005	2.917
3	MP ALPHA1	X	.003	5.083
4	MP ALPHA1	X	.003	2.917
5	MP ALPHA2	Y	-.017	6.917
6	MP ALPHA2	Y	-.017	1.083
7	MP ALPHA2	X	.01	6.917
8	MP ALPHA2	X	.01	1.083
9	MP BETA1	Y	-.005	5.083
10	MP BETA1	Y	-.005	2.917
11	MP BETA1	X	.003	5.083
12	MP BETA1	X	.003	2.917
13	MP BETA2	Y	-.017	6.917
14	MP BETA2	Y	-.017	1.083
15	MP BETA2	X	.01	6.917
16	MP BETA2	X	.01	1.083
17	MP GAMMA1	Y	-.002	5.083
18	MP GAMMA1	Y	-.002	2.917
19	MP GAMMA1	X	.001	5.083
20	MP GAMMA1	X	.001	2.917
21	MP GAMMA2	Y	-.007	6.917
22	MP GAMMA2	Y	-.007	1.083
23	MP GAMMA2	X	.004	6.917
24	MP GAMMA2	X	.004	1.083
25	MP ALPHA2	Y	-.004	4
26	MP ALPHA2	X	.002	4
27	MP BETA2	Y	-.004	4
28	MP BETA2	X	.002	4
29	MP GAMMA2	Y	-.002	4
30	MP GAMMA2	X	.001	4
31	MP ALPHA2	Y	-.004	4
32	MP ALPHA2	X	.002	4
33	MP BETA2	Y	-.004	4
34	MP BETA2	X	.002	4
35	MP GAMMA2	Y	-.003	4
36	MP GAMMA2	X	.002	4

Member Point Loads (BLC 27 : Ice Dead Load)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA1	Z	-.082	5.083
2	MP ALPHA1	Z	-.082	2.917
3	MP ALPHA2	Z	-.204	6.917
4	MP ALPHA2	Z	-.204	1.083
5	MP BETA1	Z	-.082	5.083
6	MP BETA1	Z	-.082	2.917
7	MP BETA2	Z	-.204	6.917
8	MP BETA2	Z	-.204	1.083
9	MP GAMMA1	Z	-.082	5.083
10	MP GAMMA1	Z	-.082	2.917
11	MP GAMMA2	Z	-.204	6.917
12	MP GAMMA2	Z	-.204	1.083
13	MP ALPHA2	Z	-.086	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
14	MP BETA2	Z	-.086	4
15	MP GAMMA2	Z	-.086	4
16	MP ALPHA2	Z	-.098	4
17	MP BETA2	Z	-.098	4
18	MP GAMMA2	Z	-.098	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA1	Y	-.019	5.083
2	MP ALPHA1	Y	-.019	2.917
3	MP ALPHA2	Y	-.056	6.917
4	MP ALPHA2	Y	-.056	1.083
5	MP BETA1	Y	-.024	5.083
6	MP BETA1	Y	-.024	2.917
7	MP BETA2	Y	-.071	6.917
8	MP BETA2	Y	-.071	1.083
9	MP GAMMA1	Y	-.014	5.083
10	MP GAMMA1	Y	-.014	2.917
11	MP GAMMA2	Y	-.039	6.917
12	MP GAMMA2	Y	-.039	1.083
13	MP ALPHA2	Y	-.021	4
14	MP BETA2	Y	-.015	4
15	MP GAMMA2	Y	-.015	4
16	MP ALPHA2	Y	-.019	4
17	MP BETA2	Y	-.017	4
18	MP GAMMA2	Y	-.017	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA1	Y	-.01	5.083
2	MP ALPHA1	Y	-.01	2.917
3	MP ALPHA1	X	-.006	5.083
4	MP ALPHA1	X	-.006	2.917
5	MP ALPHA2	Y	-.029	6.917
6	MP ALPHA2	Y	-.029	1.083
7	MP ALPHA2	X	-.017	6.917
8	MP ALPHA2	X	-.017	1.083
9	MP BETA1	Y	-.014	5.083
10	MP BETA1	Y	-.014	2.917
11	MP BETA1	X	-.008	5.083
12	MP BETA1	X	-.008	2.917
13	MP BETA2	Y	-.041	6.917
14	MP BETA2	Y	-.041	1.083
15	MP BETA2	X	-.024	6.917
16	MP BETA2	X	-.024	1.083
17	MP GAMMA1	Y	-.016	5.083
18	MP GAMMA1	Y	-.016	2.917
19	MP GAMMA1	X	-.009	5.083
20	MP GAMMA1	X	-.009	2.917
21	MP GAMMA2	Y	-.048	6.917
22	MP GAMMA2	Y	-.048	1.083
23	MP GAMMA2	X	-.028	6.917
24	MP GAMMA2	X	-.028	1.083
25	MP ALPHA2	Y	-.017	4
26	MP ALPHA2	X	-.01	4
27	MP BETA2	Y	-.011	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
28	MP BETA2	X	-.006	4
29	MP GAMMA2	Y	-.017	4
30	MP GAMMA2	X	-.01	4
31	MP ALPHA2	Y	-.016	4
32	MP ALPHA2	X	-.009	4
33	MP BETA2	Y	-.014	4
34	MP BETA2	X	-.008	4
35	MP GAMMA2	Y	-.016	4
36	MP GAMMA2	X	-.009	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA1	Y	-.005	5.083
2	MP ALPHA1	Y	-.005	2.917
3	MP ALPHA1	X	-.008	5.083
4	MP ALPHA1	X	-.008	2.917
5	MP ALPHA2	Y	-.013	6.917
6	MP ALPHA2	Y	-.013	1.083
7	MP ALPHA2	X	-.022	6.917
8	MP ALPHA2	X	-.022	1.083
9	MP BETA1	Y	-.004	5.083
10	MP BETA1	Y	-.004	2.917
11	MP BETA1	X	-.007	5.083
12	MP BETA1	X	-.007	2.917
13	MP BETA2	Y	-.012	6.917
14	MP BETA2	Y	-.012	1.083
15	MP BETA2	X	-.02	6.917
16	MP BETA2	X	-.02	1.083
17	MP GAMMA1	Y	-.011	5.083
18	MP GAMMA1	Y	-.011	2.917
19	MP GAMMA1	X	-.019	5.083
20	MP GAMMA1	X	-.019	2.917
21	MP GAMMA2	Y	-.031	6.917
22	MP GAMMA2	Y	-.031	1.083
23	MP GAMMA2	X	-.055	6.917
24	MP GAMMA2	X	-.055	1.083
25	MP ALPHA2	Y	-.007	4
26	MP ALPHA2	X	-.013	4
27	MP BETA2	Y	-.007	4
28	MP BETA2	X	-.013	4
29	MP GAMMA2	Y	-.011	4
30	MP GAMMA2	X	-.019	4
31	MP ALPHA2	Y	-.008	4
32	MP ALPHA2	X	-.014	4
33	MP BETA2	Y	-.008	4
34	MP BETA2	X	-.014	4
35	MP GAMMA2	Y	-.01	4
36	MP GAMMA2	X	-.017	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA1	X	-.014	5.083
2	MP ALPHA1	X	-.014	2.917
3	MP ALPHA2	X	-.039	6.917
4	MP ALPHA2	X	-.039	1.083
5	MP BETA1	X	-.008	5.083

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
6	MP BETA1	X	-.008	2.917
7	MP BETA2	X	-.024	6.917
8	MP BETA2	X	-.024	1.083
9	MP GAMMA1	X	-.019	5.083
10	MP GAMMA1	X	-.019	2.917
11	MP GAMMA2	X	-.055	6.917
12	MP GAMMA2	X	-.055	1.083
13	MP ALPHA2	X	-.012	4
14	MP BETA2	X	-.019	4
15	MP GAMMA2	X	-.019	4
16	MP ALPHA2	X	-.016	4
17	MP BETA2	X	-.019	4
18	MP GAMMA2	X	-.019	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA1	Y	.01	5.083
2	MP ALPHA1	Y	.01	2.917
3	MP ALPHA1	X	-.018	5.083
4	MP ALPHA1	X	-.018	2.917
5	MP ALPHA2	Y	.03	6.917
6	MP ALPHA2	Y	.03	1.083
7	MP ALPHA2	X	-.052	6.917
8	MP ALPHA2	X	-.052	1.083
9	MP BETA1	Y	.008	5.083
10	MP BETA1	Y	.008	2.917
11	MP BETA1	X	-.014	5.083
12	MP BETA1	X	-.014	2.917
13	MP BETA2	Y	.024	6.917
14	MP BETA2	Y	.024	1.083
15	MP BETA2	X	-.041	6.917
16	MP BETA2	X	-.041	1.083
17	MP GAMMA1	Y	.007	5.083
18	MP GAMMA1	Y	.007	2.917
19	MP GAMMA1	X	-.012	5.083
20	MP GAMMA1	X	-.012	2.917
21	MP GAMMA2	Y	.02	6.917
22	MP GAMMA2	Y	.02	1.083
23	MP GAMMA2	X	-.034	6.917
24	MP GAMMA2	X	-.034	1.083
25	MP ALPHA2	Y	.007	4
26	MP ALPHA2	X	-.013	4
27	MP BETA2	Y	.011	4
28	MP BETA2	X	-.019	4
29	MP GAMMA2	Y	.007	4
30	MP GAMMA2	X	-.013	4
31	MP ALPHA2	Y	.008	4
32	MP ALPHA2	X	-.014	4
33	MP BETA2	Y	.01	4
34	MP BETA2	X	-.017	4
35	MP GAMMA2	Y	.008	4
36	MP GAMMA2	X	-.014	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA1	Y	.02	5.083

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
2	MP ALPHA1	Y	.02	2.917
3	MP ALPHA1	X	-.012	5.083
4	MP ALPHA1	X	-.012	2.917
5	MP ALPHA2	Y	.06	6.917
6	MP ALPHA2	Y	.06	1.083
7	MP ALPHA2	X	-.034	6.917
8	MP ALPHA2	X	-.034	1.083
9	MP BETA1	Y	.021	5.083
10	MP BETA1	Y	.021	2.917
11	MP BETA1	X	-.012	5.083
12	MP BETA1	X	-.012	2.917
13	MP BETA2	Y	.061	6.917
14	MP BETA2	Y	.061	1.083
15	MP BETA2	X	-.035	6.917
16	MP BETA2	X	-.035	1.083
17	MP GAMMA1	Y	.01	5.083
18	MP GAMMA1	Y	.01	2.917
19	MP GAMMA1	X	-.006	5.083
20	MP GAMMA1	X	-.006	2.917
21	MP GAMMA2	Y	.027	6.917
22	MP GAMMA2	Y	.027	1.083
23	MP GAMMA2	X	-.016	6.917
24	MP GAMMA2	X	-.016	1.083
25	MP ALPHA2	Y	.017	4
26	MP ALPHA2	X	-.01	4
27	MP BETA2	Y	.017	4
28	MP BETA2	X	-.01	4
29	MP GAMMA2	Y	.011	4
30	MP GAMMA2	X	-.006	4
31	MP ALPHA2	Y	.016	4
32	MP ALPHA2	X	-.009	4
33	MP BETA2	Y	.016	4
34	MP BETA2	X	-.009	4
35	MP GAMMA2	Y	.014	4
36	MP GAMMA2	X	-.008	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA1	Y	.019	5.083
2	MP ALPHA1	Y	.019	2.917
3	MP ALPHA2	Y	.056	6.917
4	MP ALPHA2	Y	.056	1.083
5	MP BETA1	Y	.024	5.083
6	MP BETA1	Y	.024	2.917
7	MP BETA2	Y	.071	6.917
8	MP BETA2	Y	.071	1.083
9	MP GAMMA1	Y	.014	5.083
10	MP GAMMA1	Y	.014	2.917
11	MP GAMMA2	Y	.039	6.917
12	MP GAMMA2	Y	.039	1.083
13	MP ALPHA2	Y	.021	4
14	MP BETA2	Y	.015	4
15	MP GAMMA2	Y	.015	4
16	MP ALPHA2	Y	.019	4
17	MP BETA2	Y	.017	4
18	MP GAMMA2	Y	.017	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA1	Y	.01	5.083
2	MP ALPHA1	Y	.01	2.917
3	MP ALPHA1	X	.006	5.083
4	MP ALPHA1	X	.006	2.917
5	MP ALPHA2	Y	.029	6.917
6	MP ALPHA2	Y	.029	1.083
7	MP ALPHA2	X	.017	6.917
8	MP ALPHA2	X	.017	1.083
9	MP BETA1	Y	.014	5.083
10	MP BETA1	Y	.014	2.917
11	MP BETA1	X	.008	5.083
12	MP BETA1	X	.008	2.917
13	MP BETA2	Y	.041	6.917
14	MP BETA2	Y	.041	1.083
15	MP BETA2	X	.024	6.917
16	MP BETA2	X	.024	1.083
17	MP GAMMA1	Y	.016	5.083
18	MP GAMMA1	Y	.016	2.917
19	MP GAMMA1	X	.009	5.083
20	MP GAMMA1	X	.009	2.917
21	MP GAMMA2	Y	.048	6.917
22	MP GAMMA2	Y	.048	1.083
23	MP GAMMA2	X	.028	6.917
24	MP GAMMA2	X	.028	1.083
25	MP ALPHA2	Y	.017	4
26	MP ALPHA2	X	.01	4
27	MP BETA2	Y	.011	4
28	MP BETA2	X	.006	4
29	MP GAMMA2	Y	.017	4
30	MP GAMMA2	X	.01	4
31	MP ALPHA2	Y	.016	4
32	MP ALPHA2	X	.009	4
33	MP BETA2	Y	.014	4
34	MP BETA2	X	.008	4
35	MP GAMMA2	Y	.016	4
36	MP GAMMA2	X	.009	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA1	Y	.005	5.083
2	MP ALPHA1	Y	.005	2.917
3	MP ALPHA1	X	.008	5.083
4	MP ALPHA1	X	.008	2.917
5	MP ALPHA2	Y	.013	6.917
6	MP ALPHA2	Y	.013	1.083
7	MP ALPHA2	X	.022	6.917
8	MP ALPHA2	X	.022	1.083
9	MP BETA1	Y	.004	5.083
10	MP BETA1	Y	.004	2.917
11	MP BETA1	X	.007	5.083
12	MP BETA1	X	.007	2.917
13	MP BETA2	Y	.012	6.917
14	MP BETA2	Y	.012	1.083
15	MP BETA2	X	.02	6.917
16	MP BETA2	X	.02	1.083
17	MP GAMMA1	Y	.011	5.083

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
18	MP GAMMA1	Y	.011	2.917
19	MP GAMMA1	X	.019	5.083
20	MP GAMMA1	X	.019	2.917
21	MP GAMMA2	Y	.031	6.917
22	MP GAMMA2	Y	.031	1.083
23	MP GAMMA2	X	.055	6.917
24	MP GAMMA2	X	.055	1.083
25	MP ALPHA2	Y	.007	4
26	MP ALPHA2	X	.013	4
27	MP BETA2	Y	.007	4
28	MP BETA2	X	.013	4
29	MP GAMMA2	Y	.011	4
30	MP GAMMA2	X	.019	4
31	MP ALPHA2	Y	.008	4
32	MP ALPHA2	X	.014	4
33	MP BETA2	Y	.008	4
34	MP BETA2	X	.014	4
35	MP GAMMA2	Y	.01	4
36	MP GAMMA2	X	.017	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA1	X	.014	5.083
2	MP ALPHA1	X	.014	2.917
3	MP ALPHA2	X	.039	6.917
4	MP ALPHA2	X	.039	1.083
5	MP BETA1	X	.008	5.083
6	MP BETA1	X	.008	2.917
7	MP BETA2	X	.024	6.917
8	MP BETA2	X	.024	1.083
9	MP GAMMA1	X	.019	5.083
10	MP GAMMA1	X	.019	2.917
11	MP GAMMA2	X	.055	6.917
12	MP GAMMA2	X	.055	1.083
13	MP ALPHA2	X	.012	4
14	MP BETA2	X	.019	4
15	MP GAMMA2	X	.019	4
16	MP ALPHA2	X	.016	4
17	MP BETA2	X	.019	4
18	MP GAMMA2	X	.019	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA1	Y	-.01	5.083
2	MP ALPHA1	Y	-.01	2.917
3	MP ALPHA1	X	.018	5.083
4	MP ALPHA1	X	.018	2.917
5	MP ALPHA2	Y	-.03	6.917
6	MP ALPHA2	Y	-.03	1.083
7	MP ALPHA2	X	.052	6.917
8	MP ALPHA2	X	.052	1.083
9	MP BETA1	Y	-.008	5.083
10	MP BETA1	Y	-.008	2.917
11	MP BETA1	X	.014	5.083
12	MP BETA1	X	.014	2.917
13	MP BETA2	Y	-.024	6.917

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
14	MP BETA2	Y	-.024	1.083
15	MP BETA2	X	.041	6.917
16	MP BETA2	X	.041	1.083
17	MP GAMMA1	Y	-.007	5.083
18	MP GAMMA1	Y	-.007	2.917
19	MP GAMMA1	X	.012	5.083
20	MP GAMMA1	X	.012	2.917
21	MP GAMMA2	Y	-.02	6.917
22	MP GAMMA2	Y	-.02	1.083
23	MP GAMMA2	X	.034	6.917
24	MP GAMMA2	X	.034	1.083
25	MP ALPHA2	Y	-.007	4
26	MP ALPHA2	X	.013	4
27	MP BETA2	Y	-.011	4
28	MP BETA2	X	.019	4
29	MP GAMMA2	Y	-.007	4
30	MP GAMMA2	X	.013	4
31	MP ALPHA2	Y	-.008	4
32	MP ALPHA2	X	.014	4
33	MP BETA2	Y	-.01	4
34	MP BETA2	X	.017	4
35	MP GAMMA2	Y	-.008	4
36	MP GAMMA2	X	.014	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA1	Y	-.02	5.083
2	MP ALPHA1	Y	-.02	2.917
3	MP ALPHA1	X	.012	5.083
4	MP ALPHA1	X	.012	2.917
5	MP ALPHA2	Y	-.06	6.917
6	MP ALPHA2	Y	-.06	1.083
7	MP ALPHA2	X	.034	6.917
8	MP ALPHA2	X	.034	1.083
9	MP BETA1	Y	-.021	5.083
10	MP BETA1	Y	-.021	2.917
11	MP BETA1	X	.012	5.083
12	MP BETA1	X	.012	2.917
13	MP BETA2	Y	-.061	6.917
14	MP BETA2	Y	-.061	1.083
15	MP BETA2	X	.035	6.917
16	MP BETA2	X	.035	1.083
17	MP GAMMA1	Y	-.01	5.083
18	MP GAMMA1	Y	-.01	2.917
19	MP GAMMA1	X	.006	5.083
20	MP GAMMA1	X	.006	2.917
21	MP GAMMA2	Y	-.027	6.917
22	MP GAMMA2	Y	-.027	1.083
23	MP GAMMA2	X	.016	6.917
24	MP GAMMA2	X	.016	1.083
25	MP ALPHA2	Y	-.017	4
26	MP ALPHA2	X	.01	4
27	MP BETA2	Y	-.017	4
28	MP BETA2	X	.01	4
29	MP GAMMA2	Y	-.011	4
30	MP GAMMA2	X	.006	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
31	MP ALPHA2	Y	-.016	4
32	MP ALPHA2	X	.009	4
33	MP BETA2	Y	-.016	4
34	MP BETA2	X	.009	4
35	MP GAMMA2	Y	-.014	4
36	MP GAMMA2	X	.008	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA1	X	-.004	5.083
2	MP ALPHA1	X	-.004	2.917
3	MP ALPHA2	X	-.006	6.917
4	MP ALPHA2	X	-.006	1.083
5	MP BETA1	X	-.004	5.083
6	MP BETA1	X	-.004	2.917
7	MP BETA2	X	-.006	6.917
8	MP BETA2	X	-.006	1.083
9	MP GAMMA1	X	-.004	5.083
10	MP GAMMA1	X	-.004	2.917
11	MP GAMMA2	X	-.006	6.917
12	MP GAMMA2	X	-.006	1.083
13	MP ALPHA2	X	-.008	4
14	MP BETA2	X	-.008	4
15	MP GAMMA2	X	-.008	4
16	MP ALPHA2	X	-.01	4
17	MP BETA2	X	-.01	4
18	MP GAMMA2	X	-.01	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA1	Y	-.004	5.083
2	MP ALPHA1	Y	-.004	2.917
3	MP ALPHA2	Y	-.006	6.917
4	MP ALPHA2	Y	-.006	1.083
5	MP BETA1	Y	-.004	5.083
6	MP BETA1	Y	-.004	2.917
7	MP BETA2	Y	-.006	6.917
8	MP BETA2	Y	-.006	1.083
9	MP GAMMA1	Y	-.004	5.083
10	MP GAMMA1	Y	-.004	2.917
11	MP GAMMA2	Y	-.006	6.917
12	MP GAMMA2	Y	-.006	1.083
13	MP ALPHA2	Y	-.008	4
14	MP BETA2	Y	-.008	4
15	MP GAMMA2	Y	-.008	4
16	MP ALPHA2	Y	-.01	4
17	MP BETA2	Y	-.01	4
18	MP GAMMA2	Y	-.01	4

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA1	Z	-.002	5.083
2	MP ALPHA1	Z	-.002	2.917
3	MP ALPHA2	Z	-.002	6.917
4	MP ALPHA2	Z	-.002	1.083

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
5	MP BETA1	Z	-.002	5.083
6	MP BETA1	Z	-.002	2.917
7	MP BETA2	Z	-.002	6.917
8	MP BETA2	Z	-.002	1.083
9	MP GAMMA1	Z	-.002	5.083
10	MP GAMMA1	Z	-.002	2.917
11	MP GAMMA2	Z	-.002	6.917
12	MP GAMMA2	Z	-.002	1.083
13	MP ALPHA2	Z	-.003	4
14	MP BETA2	Z	-.003	4
15	MP GAMMA2	Z	-.003	4
16	MP ALPHA2	Z	-.004	4
17	MP BETA2	Z	-.004	4
18	MP GAMMA2	Z	-.004	4

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	CR1	PY	-.012	-.012	0	0
2	CR2	PY	-.012	-.012	0	0
3	CR3	PY	-.012	-.012	0	0
4	FACE1	PY	-.012	-.012	0	0
5	FACE1A	PY	-.012	-.012	0	0
6	FACE1B	PY	-.012	-.012	0	0
7	FACE2	PY	-.024	-.024	0	0
8	FACE2A	PY	-.024	-.024	0	0
9	FACE2B	PY	-.024	-.024	0	0
10	FACE3	PY	-.024	-.024	0	0
11	FACE3A	PY	-.024	-.024	0	0
12	FACE3B	PY	-.024	-.024	0	0
13	LADDER1	PY	-.006	-.006	0	0
14	LADDER2	PY	-.006	-.006	0	0
15	LSUPP1	PY	-.012	-.012	0	0
16	LSUPP2	PY	-.012	-.012	0	0
17	MP ALPHA1	PY	-.007	-.007	0	0
18	MP ALPHA2	PY	-.007	-.007	0	0
19	MP BETA1	PY	-.007	-.007	0	0
20	MP BETA2	PY	-.007	-.007	0	0
21	MP GAMMA1	PY	-.007	-.007	0	0
22	MP GAMMA2	PY	-.007	-.007	0	0
23	PL1	PY	-.000898	-.000898	0	0
24	PL2	PY	-.000898	-.000898	0	0
25	PL3	PY	-.000898	-.000898	0	0
26	PL4	PY	-.000898	-.000898	0	0
27	PL5	PY	-.000898	-.000898	0	0
28	PL6	PY	-.000898	-.000898	0	0
29	PLANGLE1	PY	-.012	-.012	0	0
30	PLANGLE2	PY	-.012	-.012	0	0
31	PLANGLE3	PY	-.012	-.012	0	0
32	RAIL1	PY	-.002	-.002	0	0
33	RAIL2	PY	-.004	-.004	0	0
34	RAIL3	PY	-.004	-.004	0	0
35	RCORNER1	PY	-.006	-.006	0	0
36	RCORNER2	PY	-.006	-.006	0	0
37	RCORNER3	PY	-.006	-.006	0	0
38	RPL1	PY	-.014	-.014	0	0

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,%]
39	RPL2	PY	-.014	-.014	0	0
40	RPL3	PY	-.014	-.014	0	0
41	RPL4	PY	-.014	-.014	0	0
42	RPL5	PY	-.014	-.014	0	0
43	RPL6	PY	-.014	-.014	0	0
44	RUNG1	PY	-.000919	-.000919	0	0
45	RUNG2	PY	-.000919	-.000919	0	0
46	RUNG3	PY	-.000919	-.000919	0	0
47	RUNG4	PY	-.000919	-.000919	0	0
48	RUNG5	PY	-.000919	-.000919	0	0
49	RUNG6	PY	-.000919	-.000919	0	0
50	RUNG7	PY	-.000919	-.000919	0	0
51	RUNG8	PY	-.000919	-.000919	0	0
52	SO1	PY	-.004	-.004	0	0
53	SO2	PY	-.004	-.004	0	0
54	SO3	PY	-.004	-.004	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	CR1	PY	-.01	-.01	0	0
2	CR2	PY	-.01	-.01	0	0
3	CR3	PY	-.01	-.01	0	0
4	FACE1	PY	-.01	-.01	0	0
5	FACE1A	PY	-.01	-.01	0	0
6	FACE1B	PY	-.01	-.01	0	0
7	FACE2	PY	-.021	-.021	0	0
8	FACE2A	PY	-.021	-.021	0	0
9	FACE2B	PY	-.021	-.021	0	0
10	FACE3	PY	-.021	-.021	0	0
11	FACE3A	PY	-.021	-.021	0	0
12	FACE3B	PY	-.021	-.021	0	0
13	LADDER1	PY	-.005	-.005	0	0
14	LADDER2	PY	-.005	-.005	0	0
15	LSUPP1	PY	-.01	-.01	0	0
16	LSUPP2	PY	-.01	-.01	0	0
17	MP ALPHA1	PY	-.006	-.006	0	0
18	MP ALPHA2	PY	-.006	-.006	0	0
19	MP BETA1	PY	-.006	-.006	0	0
20	MP BETA2	PY	-.006	-.006	0	0
21	MP GAMMA1	PY	-.006	-.006	0	0
22	MP GAMMA2	PY	-.006	-.006	0	0
23	PL1	PY	-.000778	-.000778	0	0
24	PL2	PY	-.000778	-.000778	0	0
25	PL3	PY	-.000778	-.000778	0	0
26	PL4	PY	-.000778	-.000778	0	0
27	PL5	PY	-.000778	-.000778	0	0
28	PL6	PY	-.000778	-.000778	0	0
29	PLANGLE1	PY	-.01	-.01	0	0
30	PLANGLE2	PY	-.01	-.01	0	0
31	PLANGLE3	PY	-.01	-.01	0	0
32	RAIL1	PY	-.002	-.002	0	0
33	RAIL2	PY	-.004	-.004	0	0
34	RAIL3	PY	-.004	-.004	0	0
35	RCORNER1	PY	-.005	-.005	0	0
36	RCORNER2	PY	-.005	-.005	0	0
37	RCORNER3	PY	-.005	-.005	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,%]
38	RPL1	PY	-.012	-.012	0	0
39	RPL2	PY	-.012	-.012	0	0
40	RPL3	PY	-.012	-.012	0	0
41	RPL4	PY	-.012	-.012	0	0
42	RPL5	PY	-.012	-.012	0	0
43	RPL6	PY	-.012	-.012	0	0
44	RUNG1	PY	-.000796	-.000796	0	0
45	RUNG2	PY	-.000796	-.000796	0	0
46	RUNG3	PY	-.000796	-.000796	0	0
47	RUNG4	PY	-.000796	-.000796	0	0
48	RUNG5	PY	-.000796	-.000796	0	0
49	RUNG6	PY	-.000796	-.000796	0	0
50	RUNG7	PY	-.000796	-.000796	0	0
51	RUNG8	PY	-.000796	-.000796	0	0
52	SO1	PY	-.004	-.004	0	0
53	SO2	PY	-.004	-.004	0	0
54	SO3	PY	-.004	-.004	0	0
55	CR1	PX	-.006	-.006	0	0
56	CR2	PX	-.006	-.006	0	0
57	CR3	PX	-.006	-.006	0	0
58	FACE1	PX	-.006	-.006	0	0
59	FACE1A	PX	-.006	-.006	0	0
60	FACE1B	PX	-.006	-.006	0	0
61	FACE2	PX	-.012	-.012	0	0
62	FACE2A	PX	-.012	-.012	0	0
63	FACE2B	PX	-.012	-.012	0	0
64	FACE3	PX	-.012	-.012	0	0
65	FACE3A	PX	-.012	-.012	0	0
66	FACE3B	PX	-.012	-.012	0	0
67	LADDER1	PX	-.003	-.003	0	0
68	LADDER2	PX	-.003	-.003	0	0
69	LSUPP1	PX	-.006	-.006	0	0
70	LSUPP2	PX	-.006	-.006	0	0
71	MP ALPHA1	PX	-.003	-.003	0	0
72	MP ALPHA2	PX	-.003	-.003	0	0
73	MP BETA1	PX	-.003	-.003	0	0
74	MP BETA2	PX	-.003	-.003	0	0
75	MP GAMMA1	PX	-.003	-.003	0	0
76	MP GAMMA2	PX	-.003	-.003	0	0
77	PL1	PX	-.000449	-.000449	0	0
78	PL2	PX	-.000449	-.000449	0	0
79	PL3	PX	-.000449	-.000449	0	0
80	PL4	PX	-.000449	-.000449	0	0
81	PL5	PX	-.000449	-.000449	0	0
82	PL6	PX	-.000449	-.000449	0	0
83	PLANGLE1	PX	-.006	-.006	0	0
84	PLANGLE2	PX	-.006	-.006	0	0
85	PLANGLE3	PX	-.006	-.006	0	0
86	RAIL1	PX	-.001	-.001	0	0
87	RAIL2	PX	-.002	-.002	0	0
88	RAIL3	PX	-.002	-.002	0	0
89	RCORNER1	PX	-.003	-.003	0	0
90	RCORNER2	PX	-.003	-.003	0	0
91	RCORNER3	PX	-.003	-.003	0	0
92	RPL1	PX	-.007	-.007	0	0
93	RPL2	PX	-.007	-.007	0	0
94	RPL3	PX	-.007	-.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,%]
95	RPL4	PX	-.007	-.007	0	0
96	RPL5	PX	-.007	-.007	0	0
97	RPL6	PX	-.007	-.007	0	0
98	RUNG1	PX	-.000459	-.000459	0	0
99	RUNG2	PX	-.000459	-.000459	0	0
100	RUNG3	PX	-.000459	-.000459	0	0
101	RUNG4	PX	-.000459	-.000459	0	0
102	RUNG5	PX	-.000459	-.000459	0	0
103	RUNG6	PX	-.000459	-.000459	0	0
104	RUNG7	PX	-.000459	-.000459	0	0
105	RUNG8	PX	-.000459	-.000459	0	0
106	SO1	PX	-.002	-.002	0	0
107	SO2	PX	-.002	-.002	0	0
108	SO3	PX	-.002	-.002	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	CR1	PY	-.006	-.006	0	0
2	CR2	PY	-.006	-.006	0	0
3	CR3	PY	-.006	-.006	0	0
4	FACE1	PY	-.006	-.006	0	0
5	FACE1A	PY	-.006	-.006	0	0
6	FACE1B	PY	-.006	-.006	0	0
7	FACE2	PY	-.012	-.012	0	0
8	FACE2A	PY	-.012	-.012	0	0
9	FACE2B	PY	-.012	-.012	0	0
10	FACE3	PY	-.012	-.012	0	0
11	FACE3A	PY	-.012	-.012	0	0
12	FACE3B	PY	-.012	-.012	0	0
13	LADDER1	PY	-.003	-.003	0	0
14	LADDER2	PY	-.003	-.003	0	0
15	LSUPP1	PY	-.006	-.006	0	0
16	LSUPP2	PY	-.006	-.006	0	0
17	MP ALPHA1	PY	-.003	-.003	0	0
18	MP ALPHA2	PY	-.003	-.003	0	0
19	MP BETA1	PY	-.003	-.003	0	0
20	MP BETA2	PY	-.003	-.003	0	0
21	MP GAMMA1	PY	-.003	-.003	0	0
22	MP GAMMA2	PY	-.003	-.003	0	0
23	PL1	PY	-.000449	-.000449	0	0
24	PL2	PY	-.000449	-.000449	0	0
25	PL3	PY	-.000449	-.000449	0	0
26	PL4	PY	-.000449	-.000449	0	0
27	PL5	PY	-.000449	-.000449	0	0
28	PL6	PY	-.000449	-.000449	0	0
29	PLANGLE1	PY	-.006	-.006	0	0
30	PLANGLE2	PY	-.006	-.006	0	0
31	PLANGLE3	PY	-.006	-.006	0	0
32	RAIL1	PY	-.001	-.001	0	0
33	RAIL2	PY	-.002	-.002	0	0
34	RAIL3	PY	-.002	-.002	0	0
35	RCORNER1	PY	-.003	-.003	0	0
36	RCORNER2	PY	-.003	-.003	0	0
37	RCORNER3	PY	-.003	-.003	0	0
38	RPL1	PY	-.007	-.007	0	0
39	RPL2	PY	-.007	-.007	0	0

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,%]
40	RPL3	PY	-.007	-.007	0	0
41	RPL4	PY	-.007	-.007	0	0
42	RPL5	PY	-.007	-.007	0	0
43	RPL6	PY	-.007	-.007	0	0
44	RUNG1	PY	-.000459	-.000459	0	0
45	RUNG2	PY	-.000459	-.000459	0	0
46	RUNG3	PY	-.000459	-.000459	0	0
47	RUNG4	PY	-.000459	-.000459	0	0
48	RUNG5	PY	-.000459	-.000459	0	0
49	RUNG6	PY	-.000459	-.000459	0	0
50	RUNG7	PY	-.000459	-.000459	0	0
51	RUNG8	PY	-.000459	-.000459	0	0
52	SO1	PY	-.002	-.002	0	0
53	SO2	PY	-.002	-.002	0	0
54	SO3	PY	-.002	-.002	0	0
55	CR1	PX	-.01	-.01	0	0
56	CR2	PX	-.01	-.01	0	0
57	CR3	PX	-.01	-.01	0	0
58	FACE1	PX	-.01	-.01	0	0
59	FACE1A	PX	-.01	-.01	0	0
60	FACE1B	PX	-.01	-.01	0	0
61	FACE2	PX	-.021	-.021	0	0
62	FACE2A	PX	-.021	-.021	0	0
63	FACE2B	PX	-.021	-.021	0	0
64	FACE3	PX	-.021	-.021	0	0
65	FACE3A	PX	-.021	-.021	0	0
66	FACE3B	PX	-.021	-.021	0	0
67	LADDER1	PX	-.005	-.005	0	0
68	LADDER2	PX	-.005	-.005	0	0
69	LSUPP1	PX	-.01	-.01	0	0
70	LSUPP2	PX	-.01	-.01	0	0
71	MP ALPHA1	PX	-.006	-.006	0	0
72	MP ALPHA2	PX	-.006	-.006	0	0
73	MP BETA1	PX	-.006	-.006	0	0
74	MP BETA2	PX	-.006	-.006	0	0
75	MP GAMMA1	PX	-.006	-.006	0	0
76	MP GAMMA2	PX	-.006	-.006	0	0
77	PL1	PX	-.000778	-.000778	0	0
78	PL2	PX	-.000778	-.000778	0	0
79	PL3	PX	-.000778	-.000778	0	0
80	PL4	PX	-.000778	-.000778	0	0
81	PL5	PX	-.000778	-.000778	0	0
82	PL6	PX	-.000778	-.000778	0	0
83	PLANGLE1	PX	-.01	-.01	0	0
84	PLANGLE2	PX	-.01	-.01	0	0
85	PLANGLE3	PX	-.01	-.01	0	0
86	RAIL1	PX	-.002	-.002	0	0
87	RAIL2	PX	-.004	-.004	0	0
88	RAIL3	PX	-.004	-.004	0	0
89	RCORNER1	PX	-.005	-.005	0	0
90	RCORNER2	PX	-.005	-.005	0	0
91	RCORNER3	PX	-.005	-.005	0	0
92	RPL1	PX	-.012	-.012	0	0
93	RPL2	PX	-.012	-.012	0	0
94	RPL3	PX	-.012	-.012	0	0
95	RPL4	PX	-.012	-.012	0	0
96	RPL5	PX	-.012	-.012	0	0

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,%]
97	RPL6	PX	-.012	-.012	0	0
98	RUNG1	PX	-.000796	-.000796	0	0
99	RUNG2	PX	-.000796	-.000796	0	0
100	RUNG3	PX	-.000796	-.000796	0	0
101	RUNG4	PX	-.000796	-.000796	0	0
102	RUNG5	PX	-.000796	-.000796	0	0
103	RUNG6	PX	-.000796	-.000796	0	0
104	RUNG7	PX	-.000796	-.000796	0	0
105	RUNG8	PX	-.000796	-.000796	0	0
106	SO1	PX	-.004	-.004	0	0
107	SO2	PX	-.004	-.004	0	0
108	SO3	PX	-.004	-.004	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	CR1	PX	-.012	-.012	0	0
2	CR2	PX	-.012	-.012	0	0
3	CR3	PX	-.012	-.012	0	0
4	FACE2	PX	-.012	-.012	0	0
5	FACE2A	PX	-.012	-.012	0	0
6	FACE2B	PX	-.012	-.012	0	0
7	FACE3	PX	-.024	-.024	0	0
8	FACE3A	PX	-.024	-.024	0	0
9	FACE3B	PX	-.024	-.024	0	0
10	FACE1	PX	-.024	-.024	0	0
11	FACE1A	PX	-.024	-.024	0	0
12	FACE1B	PX	-.024	-.024	0	0
13	LADDER1	PX	-.006	-.006	0	0
14	LADDER2	PX	-.006	-.006	0	0
15	LSUPP1	PX	-.012	-.012	0	0
16	LSUPP2	PX	-.012	-.012	0	0
17	MP ALPHA1	PX	-.007	-.007	0	0
18	MP ALPHA2	PX	-.007	-.007	0	0
19	MP BETA1	PX	-.007	-.007	0	0
20	MP BETA2	PX	-.007	-.007	0	0
21	MP GAMMA1	PX	-.007	-.007	0	0
22	MP GAMMA2	PX	-.007	-.007	0	0
23	PL1	PX	-.000898	-.000898	0	0
24	PL2	PX	-.000898	-.000898	0	0
25	PL3	PX	-.000898	-.000898	0	0
26	PL4	PX	-.000898	-.000898	0	0
27	PL5	PX	-.000898	-.000898	0	0
28	PL6	PX	-.000898	-.000898	0	0
29	PLANGLE1	PX	-.012	-.012	0	0
30	PLANGLE2	PX	-.012	-.012	0	0
31	PLANGLE3	PX	-.012	-.012	0	0
32	RAIL2	PX	-.002	-.002	0	0
33	RAIL1	PX	-.004	-.004	0	0
34	RAIL3	PX	-.004	-.004	0	0
35	RCORNER1	PX	-.006	-.006	0	0
36	RCORNER2	PX	-.006	-.006	0	0
37	RCORNER3	PX	-.006	-.006	0	0
38	RPL1	PX	-.014	-.014	0	0
39	RPL2	PX	-.014	-.014	0	0
40	RPL3	PX	-.014	-.014	0	0
41	RPL4	PX	-.014	-.014	0	0

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,%]
42	RPL5	PX	-.014	-.014	0	0
43	RPL6	PX	-.014	-.014	0	0
44	RUNG1	PX	-.000919	-.000919	0	0
45	RUNG2	PX	-.000919	-.000919	0	0
46	RUNG3	PX	-.000919	-.000919	0	0
47	RUNG4	PX	-.000919	-.000919	0	0
48	RUNG5	PX	-.000919	-.000919	0	0
49	RUNG6	PX	-.000919	-.000919	0	0
50	RUNG7	PX	-.000919	-.000919	0	0
51	RUNG8	PX	-.000919	-.000919	0	0
52	SO1	PX	-.004	-.004	0	0
53	SO2	PX	-.004	-.004	0	0
54	SO3	PX	-.004	-.004	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	CR1	PY	.006	.006	0	0
2	CR2	PY	.006	.006	0	0
3	CR3	PY	.006	.006	0	0
4	FACE2	PY	.006	.006	0	0
5	FACE2A	PY	.006	.006	0	0
6	FACE2B	PY	.006	.006	0	0
7	FACE3	PY	.012	.012	0	0
8	FACE3A	PY	.012	.012	0	0
9	FACE3B	PY	.012	.012	0	0
10	FACE1	PY	.012	.012	0	0
11	FACE1A	PY	.012	.012	0	0
12	FACE1B	PY	.012	.012	0	0
13	LADDER1	PY	.003	.003	0	0
14	LADDER2	PY	.003	.003	0	0
15	LSUPP1	PY	.006	.006	0	0
16	LSUPP2	PY	.006	.006	0	0
17	MP ALPHA1	PY	.003	.003	0	0
18	MP ALPHA2	PY	.003	.003	0	0
19	MP BETA1	PY	.003	.003	0	0
20	MP BETA2	PY	.003	.003	0	0
21	MP GAMMA1	PY	.003	.003	0	0
22	MP GAMMA2	PY	.003	.003	0	0
23	PL1	PY	.000449	.000449	0	0
24	PL2	PY	.000449	.000449	0	0
25	PL3	PY	.000449	.000449	0	0
26	PL4	PY	.000449	.000449	0	0
27	PL5	PY	.000449	.000449	0	0
28	PL6	PY	.000449	.000449	0	0
29	PLANGLE1	PY	.006	.006	0	0
30	PLANGLE2	PY	.006	.006	0	0
31	PLANGLE3	PY	.006	.006	0	0
32	RAIL2	PY	.001	.001	0	0
33	RAIL1	PY	.002	.002	0	0
34	RAIL3	PY	.002	.002	0	0
35	RCORNER1	PY	.003	.003	0	0
36	RCORNER2	PY	.003	.003	0	0
37	RCORNER3	PY	.003	.003	0	0
38	RPL1	PY	.007	.007	0	0
39	RPL2	PY	.007	.007	0	0
40	RPL3	PY	.007	.007	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,%]
41	RPL4	PY	.007	.007	0	0
42	RPL5	PY	.007	.007	0	0
43	RPL6	PY	.007	.007	0	0
44	RUNG1	PY	.000459	.000459	0	0
45	RUNG2	PY	.000459	.000459	0	0
46	RUNG3	PY	.000459	.000459	0	0
47	RUNG4	PY	.000459	.000459	0	0
48	RUNG5	PY	.000459	.000459	0	0
49	RUNG6	PY	.000459	.000459	0	0
50	RUNG7	PY	.000459	.000459	0	0
51	RUNG8	PY	.000459	.000459	0	0
52	SO1	PY	.002	.002	0	0
53	SO2	PY	.002	.002	0	0
54	SO3	PY	.002	.002	0	0
55	CR1	PX	-.01	-.01	0	0
56	CR2	PX	-.01	-.01	0	0
57	CR3	PX	-.01	-.01	0	0
58	FACE2	PX	-.01	-.01	0	0
59	FACE2A	PX	-.01	-.01	0	0
60	FACE2B	PX	-.01	-.01	0	0
61	FACE3	PX	-.021	-.021	0	0
62	FACE3A	PX	-.021	-.021	0	0
63	FACE3B	PX	-.021	-.021	0	0
64	FACE1	PX	-.021	-.021	0	0
65	FACE1A	PX	-.021	-.021	0	0
66	FACE1B	PX	-.021	-.021	0	0
67	LADDER1	PX	-.005	-.005	0	0
68	LADDER2	PX	-.005	-.005	0	0
69	LSUPP1	PX	-.01	-.01	0	0
70	LSUPP2	PX	-.01	-.01	0	0
71	MP ALPHA1	PX	-.006	-.006	0	0
72	MP ALPHA2	PX	-.006	-.006	0	0
73	MP BETA1	PX	-.006	-.006	0	0
74	MP BETA2	PX	-.006	-.006	0	0
75	MP GAMMA1	PX	-.006	-.006	0	0
76	MP GAMMA2	PX	-.006	-.006	0	0
77	PL1	PX	-.000778	-.000778	0	0
78	PL2	PX	-.000778	-.000778	0	0
79	PL3	PX	-.000778	-.000778	0	0
80	PL4	PX	-.000778	-.000778	0	0
81	PL5	PX	-.000778	-.000778	0	0
82	PL6	PX	-.000778	-.000778	0	0
83	PLANGLE1	PX	-.01	-.01	0	0
84	PLANGLE2	PX	-.01	-.01	0	0
85	PLANGLE3	PX	-.01	-.01	0	0
86	RAIL2	PX	-.002	-.002	0	0
87	RAIL1	PX	-.004	-.004	0	0
88	RAIL3	PX	-.004	-.004	0	0
89	RCORNER1	PX	-.005	-.005	0	0
90	RCORNER2	PX	-.005	-.005	0	0
91	RCORNER3	PX	-.005	-.005	0	0
92	RPL1	PX	-.012	-.012	0	0
93	RPL2	PX	-.012	-.012	0	0
94	RPL3	PX	-.012	-.012	0	0
95	RPL4	PX	-.012	-.012	0	0
96	RPL5	PX	-.012	-.012	0	0
97	RPL6	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,%]
98	RUNG1	PX	-.000796	-.000796	0	0
99	RUNG2	PX	-.000796	-.000796	0	0
100	RUNG3	PX	-.000796	-.000796	0	0
101	RUNG4	PX	-.000796	-.000796	0	0
102	RUNG5	PX	-.000796	-.000796	0	0
103	RUNG6	PX	-.000796	-.000796	0	0
104	RUNG7	PX	-.000796	-.000796	0	0
105	RUNG8	PX	-.000796	-.000796	0	0
106	SO1	PX	-.004	-.004	0	0
107	SO2	PX	-.004	-.004	0	0
108	SO3	PX	-.004	-.004	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	CR1	PY	.01	.01	0	0
2	CR2	PY	.01	.01	0	0
3	CR3	PY	.01	.01	0	0
4	FACE2	PY	.01	.01	0	0
5	FACE2A	PY	.01	.01	0	0
6	FACE2B	PY	.01	.01	0	0
7	FACE3	PY	.021	.021	0	0
8	FACE3A	PY	.021	.021	0	0
9	FACE3B	PY	.021	.021	0	0
10	FACE1	PY	.021	.021	0	0
11	FACE1A	PY	.021	.021	0	0
12	FACE1B	PY	.021	.021	0	0
13	LADDER1	PY	.005	.005	0	0
14	LADDER2	PY	.005	.005	0	0
15	LSUPP1	PY	.01	.01	0	0
16	LSUPP2	PY	.01	.01	0	0
17	MP ALPHA1	PY	.006	.006	0	0
18	MP ALPHA2	PY	.006	.006	0	0
19	MP BETA1	PY	.006	.006	0	0
20	MP BETA2	PY	.006	.006	0	0
21	MP GAMMA1	PY	.006	.006	0	0
22	MP GAMMA2	PY	.006	.006	0	0
23	PL1	PY	.000778	.000778	0	0
24	PL2	PY	.000778	.000778	0	0
25	PL3	PY	.000778	.000778	0	0
26	PL4	PY	.000778	.000778	0	0
27	PL5	PY	.000778	.000778	0	0
28	PL6	PY	.000778	.000778	0	0
29	PLANGLE1	PY	.01	.01	0	0
30	PLANGLE2	PY	.01	.01	0	0
31	PLANGLE3	PY	.01	.01	0	0
32	RAIL2	PY	.002	.002	0	0
33	RAIL1	PY	.004	.004	0	0
34	RAIL3	PY	.004	.004	0	0
35	RCORNER1	PY	.005	.005	0	0
36	RCORNER2	PY	.005	.005	0	0
37	RCORNER3	PY	.005	.005	0	0
38	RPL1	PY	.012	.012	0	0
39	RPL2	PY	.012	.012	0	0
40	RPL3	PY	.012	.012	0	0
41	RPL4	PY	.012	.012	0	0
42	RPL5	PY	.012	.012	0	0

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,%]
43	RPL6	PY	.012	.012	0	0
44	RUNG1	PY	.000796	.000796	0	0
45	RUNG2	PY	.000796	.000796	0	0
46	RUNG3	PY	.000796	.000796	0	0
47	RUNG4	PY	.000796	.000796	0	0
48	RUNG5	PY	.000796	.000796	0	0
49	RUNG6	PY	.000796	.000796	0	0
50	RUNG7	PY	.000796	.000796	0	0
51	RUNG8	PY	.000796	.000796	0	0
52	SO1	PY	.004	.004	0	0
53	SO2	PY	.004	.004	0	0
54	SO3	PY	.004	.004	0	0
55	CR1	PX	-.006	-.006	0	0
56	CR2	PX	-.006	-.006	0	0
57	CR3	PX	-.006	-.006	0	0
58	FACE2	PX	-.006	-.006	0	0
59	FACE2A	PX	-.006	-.006	0	0
60	FACE2B	PX	-.006	-.006	0	0
61	FACE3	PX	-.012	-.012	0	0
62	FACE3A	PX	-.012	-.012	0	0
63	FACE3B	PX	-.012	-.012	0	0
64	FACE1	PX	-.012	-.012	0	0
65	FACE1A	PX	-.012	-.012	0	0
66	FACE1B	PX	-.012	-.012	0	0
67	LADDER1	PX	-.003	-.003	0	0
68	LADDER2	PX	-.003	-.003	0	0
69	LSUPP1	PX	-.006	-.006	0	0
70	LSUPP2	PX	-.006	-.006	0	0
71	MP ALPHA1	PX	-.003	-.003	0	0
72	MP ALPHA2	PX	-.003	-.003	0	0
73	MP BETA1	PX	-.003	-.003	0	0
74	MP BETA2	PX	-.003	-.003	0	0
75	MP GAMMA1	PX	-.003	-.003	0	0
76	MP GAMMA2	PX	-.003	-.003	0	0
77	PL1	PX	-.000449	-.000449	0	0
78	PL2	PX	-.000449	-.000449	0	0
79	PL3	PX	-.000449	-.000449	0	0
80	PL4	PX	-.000449	-.000449	0	0
81	PL5	PX	-.000449	-.000449	0	0
82	PL6	PX	-.000449	-.000449	0	0
83	PLANGLE1	PX	-.006	-.006	0	0
84	PLANGLE2	PX	-.006	-.006	0	0
85	PLANGLE3	PX	-.006	-.006	0	0
86	RAIL2	PX	-.001	-.001	0	0
87	RAIL1	PX	-.002	-.002	0	0
88	RAIL3	PX	-.002	-.002	0	0
89	RCORNER1	PX	-.003	-.003	0	0
90	RCORNER2	PX	-.003	-.003	0	0
91	RCORNER3	PX	-.003	-.003	0	0
92	RPL1	PX	-.007	-.007	0	0
93	RPL2	PX	-.007	-.007	0	0
94	RPL3	PX	-.007	-.007	0	0
95	RPL4	PX	-.007	-.007	0	0
96	RPL5	PX	-.007	-.007	0	0
97	RPL6	PX	-.007	-.007	0	0
98	RUNG1	PX	-.000459	-.000459	0	0
99	RUNG2	PX	-.000459	-.000459	0	0

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,%]
100	RUNG3	PX	-.000459	-.000459	0	0
101	RUNG4	PX	-.000459	-.000459	0	0
102	RUNG5	PX	-.000459	-.000459	0	0
103	RUNG6	PX	-.000459	-.000459	0	0
104	RUNG7	PX	-.000459	-.000459	0	0
105	RUNG8	PX	-.000459	-.000459	0	0
106	SO1	PX	-.002	-.002	0	0
107	SO2	PX	-.002	-.002	0	0
108	SO3	PX	-.002	-.002	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	CR1	PY	.012	.012	0	0
2	CR2	PY	.012	.012	0	0
3	CR3	PY	.012	.012	0	0
4	FACE2	PY	.012	.012	0	0
5	FACE2A	PY	.012	.012	0	0
6	FACE2B	PY	.012	.012	0	0
7	FACE3	PY	.024	.024	0	0
8	FACE3A	PY	.024	.024	0	0
9	FACE3B	PY	.024	.024	0	0
10	FACE1	PY	.024	.024	0	0
11	FACE1A	PY	.024	.024	0	0
12	FACE1B	PY	.024	.024	0	0
13	LADDER1	PY	.006	.006	0	0
14	LADDER2	PY	.006	.006	0	0
15	LSUPP1	PY	.012	.012	0	0
16	LSUPP2	PY	.012	.012	0	0
17	MP ALPHA1	PY	.007	.007	0	0
18	MP ALPHA2	PY	.007	.007	0	0
19	MP BETA1	PY	.007	.007	0	0
20	MP BETA2	PY	.007	.007	0	0
21	MP GAMMA1	PY	.007	.007	0	0
22	MP GAMMA2	PY	.007	.007	0	0
23	PL1	PY	.000898	.000898	0	0
24	PL2	PY	.000898	.000898	0	0
25	PL3	PY	.000898	.000898	0	0
26	PL4	PY	.000898	.000898	0	0
27	PL5	PY	.000898	.000898	0	0
28	PL6	PY	.000898	.000898	0	0
29	PLANGLE1	PY	.012	.012	0	0
30	PLANGLE2	PY	.012	.012	0	0
31	PLANGLE3	PY	.012	.012	0	0
32	RAIL2	PY	.002	.002	0	0
33	RAIL1	PY	.004	.004	0	0
34	RAIL3	PY	.004	.004	0	0
35	RCORNER1	PY	.006	.006	0	0
36	RCORNER2	PY	.006	.006	0	0
37	RCORNER3	PY	.006	.006	0	0
38	RPL1	PY	.014	.014	0	0
39	RPL2	PY	.014	.014	0	0
40	RPL3	PY	.014	.014	0	0
41	RPL4	PY	.014	.014	0	0
42	RPL5	PY	.014	.014	0	0
43	RPL6	PY	.014	.014	0	0
44	RUNG1	PY	.000919	.000919	0	0

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,%]
45	RUNG2	PY	.000919	.000919	0	0
46	RUNG3	PY	.000919	.000919	0	0
47	RUNG4	PY	.000919	.000919	0	0
48	RUNG5	PY	.000919	.000919	0	0
49	RUNG6	PY	.000919	.000919	0	0
50	RUNG7	PY	.000919	.000919	0	0
51	RUNG8	PY	.000919	.000919	0	0
52	SO1	PY	.004	.004	0	0
53	SO2	PY	.004	.004	0	0
54	SO3	PY	.004	.004	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,%]
1	CR1	PY	.01	.01	0	0
2	CR2	PY	.01	.01	0	0
3	CR3	PY	.01	.01	0	0
4	FACE3	PY	.01	.01	0	0
5	FACE3A	PY	.01	.01	0	0
6	FACE3B	PY	.01	.01	0	0
7	FACE1	PY	.021	.021	0	0
8	FACE1A	PY	.021	.021	0	0
9	FACE1B	PY	.021	.021	0	0
10	FACE2	PY	.021	.021	0	0
11	FACE2A	PY	.021	.021	0	0
12	FACE2B	PY	.021	.021	0	0
13	LADDER1	PY	.005	.005	0	0
14	LADDER2	PY	.005	.005	0	0
15	LSUPP1	PY	.01	.01	0	0
16	LSUPP2	PY	.01	.01	0	0
17	MP ALPHA1	PY	.006	.006	0	0
18	MP ALPHA2	PY	.006	.006	0	0
19	MP BETA1	PY	.006	.006	0	0
20	MP BETA2	PY	.006	.006	0	0
21	MP GAMMA1	PY	.006	.006	0	0
22	MP GAMMA2	PY	.006	.006	0	0
23	PL1	PY	.000778	.000778	0	0
24	PL2	PY	.000778	.000778	0	0
25	PL3	PY	.000778	.000778	0	0
26	PL4	PY	.000778	.000778	0	0
27	PL5	PY	.000778	.000778	0	0
28	PL6	PY	.000778	.000778	0	0
29	PLANGLE1	PY	.01	.01	0	0
30	PLANGLE2	PY	.01	.01	0	0
31	PLANGLE3	PY	.01	.01	0	0
32	RAIL3	PY	.002	.002	0	0
33	RAIL2	PY	.004	.004	0	0
34	RAIL1	PY	.004	.004	0	0
35	RCORNER1	PY	.005	.005	0	0
36	RCORNER2	PY	.005	.005	0	0
37	RCORNER3	PY	.005	.005	0	0
38	RPL1	PY	.012	.012	0	0
39	RPL2	PY	.012	.012	0	0
40	RPL3	PY	.012	.012	0	0
41	RPL4	PY	.012	.012	0	0
42	RPL5	PY	.012	.012	0	0
43	RPL6	PY	.012	.012	0	0

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,%]
44	RUNG1	PY	.000796	.000796	0	0
45	RUNG2	PY	.000796	.000796	0	0
46	RUNG3	PY	.000796	.000796	0	0
47	RUNG4	PY	.000796	.000796	0	0
48	RUNG5	PY	.000796	.000796	0	0
49	RUNG6	PY	.000796	.000796	0	0
50	RUNG7	PY	.000796	.000796	0	0
51	RUNG8	PY	.000796	.000796	0	0
52	SO1	PY	.004	.004	0	0
53	SO2	PY	.004	.004	0	0
54	SO3	PY	.004	.004	0	0
55	CR1	PX	.006	.006	0	0
56	CR2	PX	.006	.006	0	0
57	CR3	PX	.006	.006	0	0
58	FACE3	PX	.006	.006	0	0
59	FACE3A	PX	.006	.006	0	0
60	FACE3B	PX	.006	.006	0	0
61	FACE1	PX	.012	.012	0	0
62	FACE1A	PX	.012	.012	0	0
63	FACE1B	PX	.012	.012	0	0
64	FACE2	PX	.012	.012	0	0
65	FACE2A	PX	.012	.012	0	0
66	FACE2B	PX	.012	.012	0	0
67	LADDER1	PX	.003	.003	0	0
68	LADDER2	PX	.003	.003	0	0
69	LSUPP1	PX	.006	.006	0	0
70	LSUPP2	PX	.006	.006	0	0
71	MP ALPHA1	PX	.003	.003	0	0
72	MP ALPHA2	PX	.003	.003	0	0
73	MP BETA1	PX	.003	.003	0	0
74	MP BETA2	PX	.003	.003	0	0
75	MP GAMMA1	PX	.003	.003	0	0
76	MP GAMMA2	PX	.003	.003	0	0
77	PL1	PX	.000449	.000449	0	0
78	PL2	PX	.000449	.000449	0	0
79	PL3	PX	.000449	.000449	0	0
80	PL4	PX	.000449	.000449	0	0
81	PL5	PX	.000449	.000449	0	0
82	PL6	PX	.000449	.000449	0	0
83	PLANGLE1	PX	.006	.006	0	0
84	PLANGLE2	PX	.006	.006	0	0
85	PLANGLE3	PX	.006	.006	0	0
86	RAIL3	PX	.001	.001	0	0
87	RAIL2	PX	.002	.002	0	0
88	RAIL1	PX	.002	.002	0	0
89	RCORNER1	PX	.003	.003	0	0
90	RCORNER2	PX	.003	.003	0	0
91	RCORNER3	PX	.003	.003	0	0
92	RPL1	PX	.007	.007	0	0
93	RPL2	PX	.007	.007	0	0
94	RPL3	PX	.007	.007	0	0
95	RPL4	PX	.007	.007	0	0
96	RPL5	PX	.007	.007	0	0
97	RPL6	PX	.007	.007	0	0
98	RUNG1	PX	.000459	.000459	0	0
99	RUNG2	PX	.000459	.000459	0	0
100	RUNG3	PX	.000459	.000459	0	0

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,%]
101	RUNG4	PX	.000459	.000459	0	0
102	RUNG5	PX	.000459	.000459	0	0
103	RUNG6	PX	.000459	.000459	0	0
104	RUNG7	PX	.000459	.000459	0	0
105	RUNG8	PX	.000459	.000459	0	0
106	SO1	PX	.002	.002	0	0
107	SO2	PX	.002	.002	0	0
108	SO3	PX	.002	.002	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	CR1	PY	.006	.006	0	0
2	CR2	PY	.006	.006	0	0
3	CR3	PY	.006	.006	0	0
4	FACE3	PY	.006	.006	0	0
5	FACE3A	PY	.006	.006	0	0
6	FACE3B	PY	.006	.006	0	0
7	FACE1	PY	.012	.012	0	0
8	FACE1A	PY	.012	.012	0	0
9	FACE1B	PY	.012	.012	0	0
10	FACE2	PY	.012	.012	0	0
11	FACE2A	PY	.012	.012	0	0
12	FACE2B	PY	.012	.012	0	0
13	LADDER1	PY	.003	.003	0	0
14	LADDER2	PY	.003	.003	0	0
15	LSUPP1	PY	.006	.006	0	0
16	LSUPP2	PY	.006	.006	0	0
17	MP ALPHA1	PY	.003	.003	0	0
18	MP ALPHA2	PY	.003	.003	0	0
19	MP BETA1	PY	.003	.003	0	0
20	MP BETA2	PY	.003	.003	0	0
21	MP GAMMA1	PY	.003	.003	0	0
22	MP GAMMA2	PY	.003	.003	0	0
23	PL1	PY	.000449	.000449	0	0
24	PL2	PY	.000449	.000449	0	0
25	PL3	PY	.000449	.000449	0	0
26	PL4	PY	.000449	.000449	0	0
27	PL5	PY	.000449	.000449	0	0
28	PL6	PY	.000449	.000449	0	0
29	PLANGLE1	PY	.006	.006	0	0
30	PLANGLE2	PY	.006	.006	0	0
31	PLANGLE3	PY	.006	.006	0	0
32	RAIL3	PY	.001	.001	0	0
33	RAIL2	PY	.002	.002	0	0
34	RAIL1	PY	.002	.002	0	0
35	RCORNER1	PY	.003	.003	0	0
36	RCORNER2	PY	.003	.003	0	0
37	RCORNER3	PY	.003	.003	0	0
38	RPL1	PY	.007	.007	0	0
39	RPL2	PY	.007	.007	0	0
40	RPL3	PY	.007	.007	0	0
41	RPL4	PY	.007	.007	0	0
42	RPL5	PY	.007	.007	0	0
43	RPL6	PY	.007	.007	0	0
44	RUNG1	PY	.000459	.000459	0	0
45	RUNG2	PY	.000459	.000459	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,%]
46	RUNG3	PY	.000459	.000459	0	0
47	RUNG4	PY	.000459	.000459	0	0
48	RUNG5	PY	.000459	.000459	0	0
49	RUNG6	PY	.000459	.000459	0	0
50	RUNG7	PY	.000459	.000459	0	0
51	RUNG8	PY	.000459	.000459	0	0
52	SO1	PY	.002	.002	0	0
53	SO2	PY	.002	.002	0	0
54	SO3	PY	.002	.002	0	0
55	CR1	PX	.01	.01	0	0
56	CR2	PX	.01	.01	0	0
57	CR3	PX	.01	.01	0	0
58	FACE3	PX	.01	.01	0	0
59	FACE3A	PX	.01	.01	0	0
60	FACE3B	PX	.01	.01	0	0
61	FACE1	PX	.021	.021	0	0
62	FACE1A	PX	.021	.021	0	0
63	FACE1B	PX	.021	.021	0	0
64	FACE2	PX	.021	.021	0	0
65	FACE2A	PX	.021	.021	0	0
66	FACE2B	PX	.021	.021	0	0
67	LADDER1	PX	.005	.005	0	0
68	LADDER2	PX	.005	.005	0	0
69	LSUPP1	PX	.01	.01	0	0
70	LSUPP2	PX	.01	.01	0	0
71	MP ALPHA1	PX	.006	.006	0	0
72	MP ALPHA2	PX	.006	.006	0	0
73	MP BETA1	PX	.006	.006	0	0
74	MP BETA2	PX	.006	.006	0	0
75	MP GAMMA1	PX	.006	.006	0	0
76	MP GAMMA2	PX	.006	.006	0	0
77	PL1	PX	.000778	.000778	0	0
78	PL2	PX	.000778	.000778	0	0
79	PL3	PX	.000778	.000778	0	0
80	PL4	PX	.000778	.000778	0	0
81	PL5	PX	.000778	.000778	0	0
82	PL6	PX	.000778	.000778	0	0
83	PLANGLE1	PX	.01	.01	0	0
84	PLANGLE2	PX	.01	.01	0	0
85	PLANGLE3	PX	.01	.01	0	0
86	RAIL3	PX	.002	.002	0	0
87	RAIL2	PX	.004	.004	0	0
88	RAIL1	PX	.004	.004	0	0
89	RCORNER1	PX	.005	.005	0	0
90	RCORNER2	PX	.005	.005	0	0
91	RCORNER3	PX	.005	.005	0	0
92	RPL1	PX	.012	.012	0	0
93	RPL2	PX	.012	.012	0	0
94	RPL3	PX	.012	.012	0	0
95	RPL4	PX	.012	.012	0	0
96	RPL5	PX	.012	.012	0	0
97	RPL6	PX	.012	.012	0	0
98	RUNG1	PX	.000796	.000796	0	0
99	RUNG2	PX	.000796	.000796	0	0
100	RUNG3	PX	.000796	.000796	0	0
101	RUNG4	PX	.000796	.000796	0	0
102	RUNG5	PX	.000796	.000796	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,%]
103	RUNG6	PX	.000796	.000796	0	0
104	RUNG7	PX	.000796	.000796	0	0
105	RUNG8	PX	.000796	.000796	0	0
106	SO1	PX	.004	.004	0	0
107	SO2	PX	.004	.004	0	0
108	SO3	PX	.004	.004	0	0

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	CR1	PX	.012	.012	0	0
2	CR2	PX	.012	.012	0	0
3	CR3	PX	.012	.012	0	0
4	FACE3	PX	.012	.012	0	0
5	FACE3A	PX	.012	.012	0	0
6	FACE3B	PX	.012	.012	0	0
7	FACE1	PX	.024	.024	0	0
8	FACE1A	PX	.024	.024	0	0
9	FACE1B	PX	.024	.024	0	0
10	FACE2	PX	.024	.024	0	0
11	FACE2A	PX	.024	.024	0	0
12	FACE2B	PX	.024	.024	0	0
13	LADDER1	PX	.006	.006	0	0
14	LADDER2	PX	.006	.006	0	0
15	LSUPP1	PX	.012	.012	0	0
16	LSUPP2	PX	.012	.012	0	0
17	MP ALPHA1	PX	.007	.007	0	0
18	MP ALPHA2	PX	.007	.007	0	0
19	MP BETA1	PX	.007	.007	0	0
20	MP BETA2	PX	.007	.007	0	0
21	MP GAMMA1	PX	.007	.007	0	0
22	MP GAMMA2	PX	.007	.007	0	0
23	PL1	PX	.000898	.000898	0	0
24	PL2	PX	.000898	.000898	0	0
25	PL3	PX	.000898	.000898	0	0
26	PL4	PX	.000898	.000898	0	0
27	PL5	PX	.000898	.000898	0	0
28	PL6	PX	.000898	.000898	0	0
29	PLANGLE1	PX	.012	.012	0	0
30	PLANGLE2	PX	.012	.012	0	0
31	PLANGLE3	PX	.012	.012	0	0
32	RAIL3	PX	.002	.002	0	0
33	RAIL2	PX	.004	.004	0	0
34	RAIL1	PX	.004	.004	0	0
35	RCORNER1	PX	.006	.006	0	0
36	RCORNER2	PX	.006	.006	0	0
37	RCORNER3	PX	.006	.006	0	0
38	RPL1	PX	.014	.014	0	0
39	RPL2	PX	.014	.014	0	0
40	RPL3	PX	.014	.014	0	0
41	RPL4	PX	.014	.014	0	0
42	RPL5	PX	.014	.014	0	0
43	RPL6	PX	.014	.014	0	0
44	RUNG1	PX	.000919	.000919	0	0
45	RUNG2	PX	.000919	.000919	0	0
46	RUNG3	PX	.000919	.000919	0	0
47	RUNG4	PX	.000919	.000919	0	0

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,%]
48	RUNG5	PX	.000919	.000919	0	0
49	RUNG6	PX	.000919	.000919	0	0
50	RUNG7	PX	.000919	.000919	0	0
51	RUNG8	PX	.000919	.000919	0	0
52	SO1	PX	.004	.004	0	0
53	SO2	PX	.004	.004	0	0
54	SO3	PX	.004	.004	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	CR1	PY	-.006	-.006	0	0
2	CR2	PY	-.006	-.006	0	0
3	CR3	PY	-.006	-.006	0	0
4	FACE3	PY	-.006	-.006	0	0
5	FACE3A	PY	-.006	-.006	0	0
6	FACE3B	PY	-.006	-.006	0	0
7	FACE1	PY	-.012	-.012	0	0
8	FACE1A	PY	-.012	-.012	0	0
9	FACE1B	PY	-.012	-.012	0	0
10	FACE2	PY	-.012	-.012	0	0
11	FACE2A	PY	-.012	-.012	0	0
12	FACE2B	PY	-.012	-.012	0	0
13	LADDER1	PY	-.003	-.003	0	0
14	LADDER2	PY	-.003	-.003	0	0
15	LSUPP1	PY	-.006	-.006	0	0
16	LSUPP2	PY	-.006	-.006	0	0
17	MP ALPHA1	PY	-.003	-.003	0	0
18	MP ALPHA2	PY	-.003	-.003	0	0
19	MP BETA1	PY	-.003	-.003	0	0
20	MP BETA2	PY	-.003	-.003	0	0
21	MP GAMMA1	PY	-.003	-.003	0	0
22	MP GAMMA2	PY	-.003	-.003	0	0
23	PL1	PY	-.000449	-.000449	0	0
24	PL2	PY	-.000449	-.000449	0	0
25	PL3	PY	-.000449	-.000449	0	0
26	PL4	PY	-.000449	-.000449	0	0
27	PL5	PY	-.000449	-.000449	0	0
28	PL6	PY	-.000449	-.000449	0	0
29	PLANGLE1	PY	-.006	-.006	0	0
30	PLANGLE2	PY	-.006	-.006	0	0
31	PLANGLE3	PY	-.006	-.006	0	0
32	RAIL3	PY	-.001	-.001	0	0
33	RAIL2	PY	-.002	-.002	0	0
34	RAIL1	PY	-.002	-.002	0	0
35	RCORNER1	PY	-.003	-.003	0	0
36	RCORNER2	PY	-.003	-.003	0	0
37	RCORNER3	PY	-.003	-.003	0	0
38	RPL1	PY	-.007	-.007	0	0
39	RPL2	PY	-.007	-.007	0	0
40	RPL3	PY	-.007	-.007	0	0
41	RPL4	PY	-.007	-.007	0	0
42	RPL5	PY	-.007	-.007	0	0
43	RPL6	PY	-.007	-.007	0	0
44	RUNG1	PY	-.000459	-.000459	0	0
45	RUNG2	PY	-.000459	-.000459	0	0
46	RUNG3	PY	-.000459	-.000459	0	0

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,%]
47	RUNG4	PY	-.000459	-.000459	0	0
48	RUNG5	PY	-.000459	-.000459	0	0
49	RUNG6	PY	-.000459	-.000459	0	0
50	RUNG7	PY	-.000459	-.000459	0	0
51	RUNG8	PY	-.000459	-.000459	0	0
52	SO1	PY	-.002	-.002	0	0
53	SO2	PY	-.002	-.002	0	0
54	SO3	PY	-.002	-.002	0	0
55	CR1	PX	.01	.01	0	0
56	CR2	PX	.01	.01	0	0
57	CR3	PX	.01	.01	0	0
58	FACE3	PX	.01	.01	0	0
59	FACE3A	PX	.01	.01	0	0
60	FACE3B	PX	.01	.01	0	0
61	FACE1	PX	.021	.021	0	0
62	FACE1A	PX	.021	.021	0	0
63	FACE1B	PX	.021	.021	0	0
64	FACE2	PX	.021	.021	0	0
65	FACE2A	PX	.021	.021	0	0
66	FACE2B	PX	.021	.021	0	0
67	LADDER1	PX	.005	.005	0	0
68	LADDER2	PX	.005	.005	0	0
69	LSUPP1	PX	.01	.01	0	0
70	LSUPP2	PX	.01	.01	0	0
71	MP ALPHA1	PX	.006	.006	0	0
72	MP ALPHA2	PX	.006	.006	0	0
73	MP BETA1	PX	.006	.006	0	0
74	MP BETA2	PX	.006	.006	0	0
75	MP GAMMA1	PX	.006	.006	0	0
76	MP GAMMA2	PX	.006	.006	0	0
77	PL1	PX	.000778	.000778	0	0
78	PL2	PX	.000778	.000778	0	0
79	PL3	PX	.000778	.000778	0	0
80	PL4	PX	.000778	.000778	0	0
81	PL5	PX	.000778	.000778	0	0
82	PL6	PX	.000778	.000778	0	0
83	PLANGLE1	PX	.01	.01	0	0
84	PLANGLE2	PX	.01	.01	0	0
85	PLANGLE3	PX	.01	.01	0	0
86	RAIL3	PX	.002	.002	0	0
87	RAIL2	PX	.004	.004	0	0
88	RAIL1	PX	.004	.004	0	0
89	RCORNER1	PX	.005	.005	0	0
90	RCORNER2	PX	.005	.005	0	0
91	RCORNER3	PX	.005	.005	0	0
92	RPL1	PX	.012	.012	0	0
93	RPL2	PX	.012	.012	0	0
94	RPL3	PX	.012	.012	0	0
95	RPL4	PX	.012	.012	0	0
96	RPL5	PX	.012	.012	0	0
97	RPL6	PX	.012	.012	0	0
98	RUNG1	PX	.000796	.000796	0	0
99	RUNG2	PX	.000796	.000796	0	0
100	RUNG3	PX	.000796	.000796	0	0
101	RUNG4	PX	.000796	.000796	0	0
102	RUNG5	PX	.000796	.000796	0	0
103	RUNG6	PX	.000796	.000796	0	0

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,%]
104	RUNG7	PX	.000796	.000796	0	0
105	RUNG8	PX	.000796	.000796	0	0
106	SO1	PX	.004	.004	0	0
107	SO2	PX	.004	.004	0	0
108	SO3	PX	.004	.004	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	CR1	PY	-.01	-.01	0	0
2	CR2	PY	-.01	-.01	0	0
3	CR3	PY	-.01	-.01	0	0
4	FACE1	PY	-.01	-.01	0	0
5	FACE1A	PY	-.01	-.01	0	0
6	FACE1B	PY	-.01	-.01	0	0
7	FACE2	PY	-.021	-.021	0	0
8	FACE2A	PY	-.021	-.021	0	0
9	FACE2B	PY	-.021	-.021	0	0
10	FACE3	PY	-.021	-.021	0	0
11	FACE3A	PY	-.021	-.021	0	0
12	FACE3B	PY	-.021	-.021	0	0
13	LADDER1	PY	-.005	-.005	0	0
14	LADDER2	PY	-.005	-.005	0	0
15	LSUPP1	PY	-.01	-.01	0	0
16	LSUPP2	PY	-.01	-.01	0	0
17	MP ALPHA1	PY	-.006	-.006	0	0
18	MP ALPHA2	PY	-.006	-.006	0	0
19	MP BETA1	PY	-.006	-.006	0	0
20	MP BETA2	PY	-.006	-.006	0	0
21	MP GAMMA1	PY	-.006	-.006	0	0
22	MP GAMMA2	PY	-.006	-.006	0	0
23	PL1	PY	-.000778	-.000778	0	0
24	PL2	PY	-.000778	-.000778	0	0
25	PL3	PY	-.000778	-.000778	0	0
26	PL4	PY	-.000778	-.000778	0	0
27	PL5	PY	-.000778	-.000778	0	0
28	PL6	PY	-.000778	-.000778	0	0
29	PLANGLE1	PY	-.01	-.01	0	0
30	PLANGLE2	PY	-.01	-.01	0	0
31	PLANGLE3	PY	-.01	-.01	0	0
32	RAIL1	PY	-.002	-.002	0	0
33	RAIL2	PY	-.004	-.004	0	0
34	RAIL3	PY	-.004	-.004	0	0
35	RCORNER1	PY	-.005	-.005	0	0
36	RCORNER2	PY	-.005	-.005	0	0
37	RCORNER3	PY	-.005	-.005	0	0
38	RPL1	PY	-.012	-.012	0	0
39	RPL2	PY	-.012	-.012	0	0
40	RPL3	PY	-.012	-.012	0	0
41	RPL4	PY	-.012	-.012	0	0
42	RPL5	PY	-.012	-.012	0	0
43	RPL6	PY	-.012	-.012	0	0
44	RUNG1	PY	-.000796	-.000796	0	0
45	RUNG2	PY	-.000796	-.000796	0	0
46	RUNG3	PY	-.000796	-.000796	0	0
47	RUNG4	PY	-.000796	-.000796	0	0
48	RUNG5	PY	-.000796	-.000796	0	0

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,%]
49	RUNG6	PY	-.000796	-.000796	0	0
50	RUNG7	PY	-.000796	-.000796	0	0
51	RUNG8	PY	-.000796	-.000796	0	0
52	SO1	PY	-.004	-.004	0	0
53	SO2	PY	-.004	-.004	0	0
54	SO3	PY	-.004	-.004	0	0
55	CR1	PX	.006	.006	0	0
56	CR2	PX	.006	.006	0	0
57	CR3	PX	.006	.006	0	0
58	FACE1	PX	.006	.006	0	0
59	FACE1A	PX	.006	.006	0	0
60	FACE1B	PX	.006	.006	0	0
61	FACE2	PX	.012	.012	0	0
62	FACE2A	PX	.012	.012	0	0
63	FACE2B	PX	.012	.012	0	0
64	FACE3	PX	.012	.012	0	0
65	FACE3A	PX	.012	.012	0	0
66	FACE3B	PX	.012	.012	0	0
67	LADDER1	PX	.003	.003	0	0
68	LADDER2	PX	.003	.003	0	0
69	LSUPP1	PX	.006	.006	0	0
70	LSUPP2	PX	.006	.006	0	0
71	MP ALPHA1	PX	.003	.003	0	0
72	MP ALPHA2	PX	.003	.003	0	0
73	MP BETA1	PX	.003	.003	0	0
74	MP BETA2	PX	.003	.003	0	0
75	MP GAMMA1	PX	.003	.003	0	0
76	MP GAMMA2	PX	.003	.003	0	0
77	PL1	PX	.000449	.000449	0	0
78	PL2	PX	.000449	.000449	0	0
79	PL3	PX	.000449	.000449	0	0
80	PL4	PX	.000449	.000449	0	0
81	PL5	PX	.000449	.000449	0	0
82	PL6	PX	.000449	.000449	0	0
83	PLANGLE1	PX	.006	.006	0	0
84	PLANGLE2	PX	.006	.006	0	0
85	PLANGLE3	PX	.006	.006	0	0
86	RAIL1	PX	.001	.001	0	0
87	RAIL2	PX	.002	.002	0	0
88	RAIL3	PX	.002	.002	0	0
89	RCORNER1	PX	.003	.003	0	0
90	RCORNER2	PX	.003	.003	0	0
91	RCORNER3	PX	.003	.003	0	0
92	RPL1	PX	.007	.007	0	0
93	RPL2	PX	.007	.007	0	0
94	RPL3	PX	.007	.007	0	0
95	RPL4	PX	.007	.007	0	0
96	RPL5	PX	.007	.007	0	0
97	RPL6	PX	.007	.007	0	0
98	RUNG1	PX	.000459	.000459	0	0
99	RUNG2	PX	.000459	.000459	0	0
100	RUNG3	PX	.000459	.000459	0	0
101	RUNG4	PX	.000459	.000459	0	0
102	RUNG5	PX	.000459	.000459	0	0
103	RUNG6	PX	.000459	.000459	0	0
104	RUNG7	PX	.000459	.000459	0	0
105	RUNG8	PX	.000459	.000459	0	0

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,%]
106	SO1	PX	.002	.002	0	0
107	SO2	PX	.002	.002	0	0
108	SO3	PX	.002	.002	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F,...	Start Location[ft,%]	End Location[ft,%]
1	CR1	PY	-.000801	-.000801	0	0
2	CR2	PY	-.000801	-.000801	0	0
3	CR3	PY	-.000801	-.000801	0	0
4	FACE1	PY	-.000801	-.000801	0	0
5	FACE1A	PY	-.000801	-.000801	0	0
6	FACE1B	PY	-.000801	-.000801	0	0
7	FACE2	PY	-.002	-.002	0	0
8	FACE2A	PY	-.002	-.002	0	0
9	FACE2B	PY	-.002	-.002	0	0
10	FACE3	PY	-.002	-.002	0	0
11	FACE3A	PY	-.002	-.002	0	0
12	FACE3B	PY	-.002	-.002	0	0
13	LADDER1	PY	-.000401	-.000401	0	0
14	LADDER2	PY	-.000401	-.000401	0	0
15	LSUPP1	PY	-.000801	-.000801	0	0
16	LSUPP2	PY	-.000801	-.000801	0	0
17	MP ALPHA1	PY	-.000457	-.000457	0	0
18	MP ALPHA2	PY	-.000457	-.000457	0	0
19	MP BETA1	PY	-.000457	-.000457	0	0
20	MP BETA2	PY	-.000457	-.000457	0	0
21	MP GAMMA1	PY	-.000457	-.000457	0	0
22	MP GAMMA2	PY	-.000457	-.000457	0	0
23	PL1	PY	-6e-5	-6e-5	0	0
24	PL2	PY	-6e-5	-6e-5	0	0
25	PL3	PY	-6e-5	-6e-5	0	0
26	PL4	PY	-6e-5	-6e-5	0	0
27	PL5	PY	-6e-5	-6e-5	0	0
28	PL6	PY	-6e-5	-6e-5	0	0
29	PLANGLE1	PY	-.000801	-.000801	0	0
30	PLANGLE2	PY	-.000801	-.000801	0	0
31	PLANGLE3	PY	-.000801	-.000801	0	0
32	RAIL1	PY	-.000146	-.000146	0	0
33	RAIL2	PY	-.000292	-.000292	0	0
34	RAIL3	PY	-.000292	-.000292	0	0
35	RCORNER1	PY	-.000401	-.000401	0	0
36	RCORNER2	PY	-.000401	-.000401	0	0
37	RCORNER3	PY	-.000401	-.000401	0	0
38	RPL1	PY	-.000961	-.000961	0	0
39	RPL2	PY	-.000961	-.000961	0	0
40	RPL3	PY	-.000961	-.000961	0	0
41	RPL4	PY	-.000961	-.000961	0	0
42	RPL5	PY	-.000961	-.000961	0	0
43	RPL6	PY	-.000961	-.000961	0	0
44	RUNG1	PY	-6.1e-5	-6.1e-5	0	0
45	RUNG2	PY	-6.1e-5	-6.1e-5	0	0
46	RUNG3	PY	-6.1e-5	-6.1e-5	0	0
47	RUNG4	PY	-6.1e-5	-6.1e-5	0	0
48	RUNG5	PY	-6.1e-5	-6.1e-5	0	0
49	RUNG6	PY	-6.1e-5	-6.1e-5	0	0
50	RUNG7	PY	-6.1e-5	-6.1e-5	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F,...	Start Location[ft,%]	End Location[ft,%]
51	RUNG8	PY	-6.1e-5	-6.1e-5	0	0
52	SO1	PY	-.0003	-.0003	0	0
53	SO2	PY	-.0003	-.0003	0	0
54	SO3	PY	-.0003	-.0003	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F,...	Start Location[ft,%]	End Location[ft,%]
1	CR1	PY	-.000694	-.000694	0	0
2	CR2	PY	-.000694	-.000694	0	0
3	CR3	PY	-.000694	-.000694	0	0
4	FACE1	PY	-.000694	-.000694	0	0
5	FACE1A	PY	-.000694	-.000694	0	0
6	FACE1B	PY	-.000694	-.000694	0	0
7	FACE2	PY	-.001	-.001	0	0
8	FACE2A	PY	-.001	-.001	0	0
9	FACE2B	PY	-.001	-.001	0	0
10	FACE3	PY	-.001	-.001	0	0
11	FACE3A	PY	-.001	-.001	0	0
12	FACE3B	PY	-.001	-.001	0	0
13	LADDER1	PY	-.000347	-.000347	0	0
14	LADDER2	PY	-.000347	-.000347	0	0
15	LSUPP1	PY	-.000694	-.000694	0	0
16	LSUPP2	PY	-.000694	-.000694	0	0
17	MP ALPHA1	PY	-.000396	-.000396	0	0
18	MP ALPHA2	PY	-.000396	-.000396	0	0
19	MP BETA1	PY	-.000396	-.000396	0	0
20	MP BETA2	PY	-.000396	-.000396	0	0
21	MP GAMMA1	PY	-.000396	-.000396	0	0
22	MP GAMMA2	PY	-.000396	-.000396	0	0
23	PL1	PY	-5.2e-5	-5.2e-5	0	0
24	PL2	PY	-5.2e-5	-5.2e-5	0	0
25	PL3	PY	-5.2e-5	-5.2e-5	0	0
26	PL4	PY	-5.2e-5	-5.2e-5	0	0
27	PL5	PY	-5.2e-5	-5.2e-5	0	0
28	PL6	PY	-5.2e-5	-5.2e-5	0	0
29	PLANGLE1	PY	-.000694	-.000694	0	0
30	PLANGLE2	PY	-.000694	-.000694	0	0
31	PLANGLE3	PY	-.000694	-.000694	0	0
32	RAIL1	PY	-.000126	-.000126	0	0
33	RAIL2	PY	-.000253	-.000253	0	0
34	RAIL3	PY	-.000253	-.000253	0	0
35	RCORNER1	PY	-.000347	-.000347	0	0
36	RCORNER2	PY	-.000347	-.000347	0	0
37	RCORNER3	PY	-.000347	-.000347	0	0
38	RPL1	PY	-.000833	-.000833	0	0
39	RPL2	PY	-.000833	-.000833	0	0
40	RPL3	PY	-.000833	-.000833	0	0
41	RPL4	PY	-.000833	-.000833	0	0
42	RPL5	PY	-.000833	-.000833	0	0
43	RPL6	PY	-.000833	-.000833	0	0
44	RUNG1	PY	-5.3e-5	-5.3e-5	0	0
45	RUNG2	PY	-5.3e-5	-5.3e-5	0	0
46	RUNG3	PY	-5.3e-5	-5.3e-5	0	0
47	RUNG4	PY	-5.3e-5	-5.3e-5	0	0
48	RUNG5	PY	-5.3e-5	-5.3e-5	0	0
49	RUNG6	PY	-5.3e-5	-5.3e-5	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F,...	Start Location[ft,%]	End Location[ft,%]
50	RUNG7	PY	-5.3e-5	-5.3e-5	0	0
51	RUNG8	PY	-5.3e-5	-5.3e-5	0	0
52	SO1	PY	-.00026	-.00026	0	0
53	SO2	PY	-.00026	-.00026	0	0
54	SO3	PY	-.00026	-.00026	0	0
55	CR1	PX	-.000401	-.000401	0	0
56	CR2	PX	-.000401	-.000401	0	0
57	CR3	PX	-.000401	-.000401	0	0
58	FACE1	PX	-.000401	-.000401	0	0
59	FACE1A	PX	-.000401	-.000401	0	0
60	FACE1B	PX	-.000401	-.000401	0	0
61	FACE2	PX	-.000801	-.000801	0	0
62	FACE2A	PX	-.000801	-.000801	0	0
63	FACE2B	PX	-.000801	-.000801	0	0
64	FACE3	PX	-.000801	-.000801	0	0
65	FACE3A	PX	-.000801	-.000801	0	0
66	FACE3B	PX	-.000801	-.000801	0	0
67	LADDER1	PX	-.0002	-.0002	0	0
68	LADDER2	PX	-.0002	-.0002	0	0
69	LSUPP1	PX	-.000401	-.000401	0	0
70	LSUPP2	PX	-.000401	-.000401	0	0
71	MP ALPHA1	PX	-.000228	-.000228	0	0
72	MP ALPHA2	PX	-.000228	-.000228	0	0
73	MP BETA1	PX	-.000228	-.000228	0	0
74	MP BETA2	PX	-.000228	-.000228	0	0
75	MP GAMMA1	PX	-.000228	-.000228	0	0
76	MP GAMMA2	PX	-.000228	-.000228	0	0
77	PL1	PX	-3e-5	-3e-5	0	0
78	PL2	PX	-3e-5	-3e-5	0	0
79	PL3	PX	-3e-5	-3e-5	0	0
80	PL4	PX	-3e-5	-3e-5	0	0
81	PL5	PX	-3e-5	-3e-5	0	0
82	PL6	PX	-3e-5	-3e-5	0	0
83	PLANGLE1	PX	-.000401	-.000401	0	0
84	PLANGLE2	PX	-.000401	-.000401	0	0
85	PLANGLE3	PX	-.000401	-.000401	0	0
86	RAIL1	PX	-7.3e-5	-7.3e-5	0	0
87	RAIL2	PX	-.000146	-.000146	0	0
88	RAIL3	PX	-.000146	-.000146	0	0
89	RCORNER1	PX	-.0002	-.0002	0	0
90	RCORNER2	PX	-.0002	-.0002	0	0
91	RCORNER3	PX	-.0002	-.0002	0	0
92	RPL1	PX	-.000481	-.000481	0	0
93	RPL2	PX	-.000481	-.000481	0	0
94	RPL3	PX	-.000481	-.000481	0	0
95	RPL4	PX	-.000481	-.000481	0	0
96	RPL5	PX	-.000481	-.000481	0	0
97	RPL6	PX	-.000481	-.000481	0	0
98	RUNG1	PX	-3.1e-5	-3.1e-5	0	0
99	RUNG2	PX	-3.1e-5	-3.1e-5	0	0
100	RUNG3	PX	-3.1e-5	-3.1e-5	0	0
101	RUNG4	PX	-3.1e-5	-3.1e-5	0	0
102	RUNG5	PX	-3.1e-5	-3.1e-5	0	0
103	RUNG6	PX	-3.1e-5	-3.1e-5	0	0
104	RUNG7	PX	-3.1e-5	-3.1e-5	0	0
105	RUNG8	PX	-3.1e-5	-3.1e-5	0	0
106	SO1	PX	-.00015	-.00015	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F,...	Start Location[ft,%]	End Location[ft,%]
107	SO2	PX	-.00015	-.00015	0	0
108	SO3	PX	-.00015	-.00015	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F,...	Start Location[ft,%]	End Location[ft,%]
1	CR1	PY	-.000401	-.000401	0	0
2	CR2	PY	-.000401	-.000401	0	0
3	CR3	PY	-.000401	-.000401	0	0
4	FACE1	PY	-.000401	-.000401	0	0
5	FACE1A	PY	-.000401	-.000401	0	0
6	FACE1B	PY	-.000401	-.000401	0	0
7	FACE2	PY	-.000801	-.000801	0	0
8	FACE2A	PY	-.000801	-.000801	0	0
9	FACE2B	PY	-.000801	-.000801	0	0
10	FACE3	PY	-.000801	-.000801	0	0
11	FACE3A	PY	-.000801	-.000801	0	0
12	FACE3B	PY	-.000801	-.000801	0	0
13	LADDER1	PY	-.0002	-.0002	0	0
14	LADDER2	PY	-.0002	-.0002	0	0
15	LSUPP1	PY	-.000401	-.000401	0	0
16	LSUPP2	PY	-.000401	-.000401	0	0
17	MP ALPHA1	PY	-.000228	-.000228	0	0
18	MP ALPHA2	PY	-.000228	-.000228	0	0
19	MP BETA1	PY	-.000228	-.000228	0	0
20	MP BETA2	PY	-.000228	-.000228	0	0
21	MP GAMMA1	PY	-.000228	-.000228	0	0
22	MP GAMMA2	PY	-.000228	-.000228	0	0
23	PL1	PY	-3e-5	-3e-5	0	0
24	PL2	PY	-3e-5	-3e-5	0	0
25	PL3	PY	-3e-5	-3e-5	0	0
26	PL4	PY	-3e-5	-3e-5	0	0
27	PL5	PY	-3e-5	-3e-5	0	0
28	PL6	PY	-3e-5	-3e-5	0	0
29	PLANGLE1	PY	-.000401	-.000401	0	0
30	PLANGLE2	PY	-.000401	-.000401	0	0
31	PLANGLE3	PY	-.000401	-.000401	0	0
32	RAIL1	PY	-7.3e-5	-7.3e-5	0	0
33	RAIL2	PY	-.000146	-.000146	0	0
34	RAIL3	PY	-.000146	-.000146	0	0
35	RCORNER1	PY	-.0002	-.0002	0	0
36	RCORNER2	PY	-.0002	-.0002	0	0
37	RCORNER3	PY	-.0002	-.0002	0	0
38	RPL1	PY	-.000481	-.000481	0	0
39	RPL2	PY	-.000481	-.000481	0	0
40	RPL3	PY	-.000481	-.000481	0	0
41	RPL4	PY	-.000481	-.000481	0	0
42	RPL5	PY	-.000481	-.000481	0	0
43	RPL6	PY	-.000481	-.000481	0	0
44	RUNG1	PY	-3.1e-5	-3.1e-5	0	0
45	RUNG2	PY	-3.1e-5	-3.1e-5	0	0
46	RUNG3	PY	-3.1e-5	-3.1e-5	0	0
47	RUNG4	PY	-3.1e-5	-3.1e-5	0	0
48	RUNG5	PY	-3.1e-5	-3.1e-5	0	0
49	RUNG6	PY	-3.1e-5	-3.1e-5	0	0
50	RUNG7	PY	-3.1e-5	-3.1e-5	0	0
51	RUNG8	PY	-3.1e-5	-3.1e-5	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F,...	Start Location[ft,%]	End Location[ft,%]
52	SO1	PY	-.00015	-.00015	0	0
53	SO2	PY	-.00015	-.00015	0	0
54	SO3	PY	-.00015	-.00015	0	0
55	CR1	PX	-.000694	-.000694	0	0
56	CR2	PX	-.000694	-.000694	0	0
57	CR3	PX	-.000694	-.000694	0	0
58	FACE1	PX	-.000694	-.000694	0	0
59	FACE1A	PX	-.000694	-.000694	0	0
60	FACE1B	PX	-.000694	-.000694	0	0
61	FACE2	PX	-.001	-.001	0	0
62	FACE2A	PX	-.001	-.001	0	0
63	FACE2B	PX	-.001	-.001	0	0
64	FACE3	PX	-.001	-.001	0	0
65	FACE3A	PX	-.001	-.001	0	0
66	FACE3B	PX	-.001	-.001	0	0
67	LADDER1	PX	-.000347	-.000347	0	0
68	LADDER2	PX	-.000347	-.000347	0	0
69	LSUPP1	PX	-.000694	-.000694	0	0
70	LSUPP2	PX	-.000694	-.000694	0	0
71	MP ALPHA1	PX	-.000396	-.000396	0	0
72	MP ALPHA2	PX	-.000396	-.000396	0	0
73	MP BETA1	PX	-.000396	-.000396	0	0
74	MP BETA2	PX	-.000396	-.000396	0	0
75	MP GAMMA1	PX	-.000396	-.000396	0	0
76	MP GAMMA2	PX	-.000396	-.000396	0	0
77	PL1	PX	-5.2e-5	-5.2e-5	0	0
78	PL2	PX	-5.2e-5	-5.2e-5	0	0
79	PL3	PX	-5.2e-5	-5.2e-5	0	0
80	PL4	PX	-5.2e-5	-5.2e-5	0	0
81	PL5	PX	-5.2e-5	-5.2e-5	0	0
82	PL6	PX	-5.2e-5	-5.2e-5	0	0
83	PLANGLE1	PX	-.000694	-.000694	0	0
84	PLANGLE2	PX	-.000694	-.000694	0	0
85	PLANGLE3	PX	-.000694	-.000694	0	0
86	RAIL1	PX	-.000126	-.000126	0	0
87	RAIL2	PX	-.000253	-.000253	0	0
88	RAIL3	PX	-.000253	-.000253	0	0
89	RCORNER1	PX	-.000347	-.000347	0	0
90	RCORNER2	PX	-.000347	-.000347	0	0
91	RCORNER3	PX	-.000347	-.000347	0	0
92	RPL1	PX	-.000833	-.000833	0	0
93	RPL2	PX	-.000833	-.000833	0	0
94	RPL3	PX	-.000833	-.000833	0	0
95	RPL4	PX	-.000833	-.000833	0	0
96	RPL5	PX	-.000833	-.000833	0	0
97	RPL6	PX	-.000833	-.000833	0	0
98	RUNG1	PX	-5.3e-5	-5.3e-5	0	0
99	RUNG2	PX	-5.3e-5	-5.3e-5	0	0
100	RUNG3	PX	-5.3e-5	-5.3e-5	0	0
101	RUNG4	PX	-5.3e-5	-5.3e-5	0	0
102	RUNG5	PX	-5.3e-5	-5.3e-5	0	0
103	RUNG6	PX	-5.3e-5	-5.3e-5	0	0
104	RUNG7	PX	-5.3e-5	-5.3e-5	0	0
105	RUNG8	PX	-5.3e-5	-5.3e-5	0	0
106	SO1	PX	-.00026	-.00026	0	0
107	SO2	PX	-.00026	-.00026	0	0
108	SO3	PX	-.00026	-.00026	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F,...	Start Location[ft,%]	End Location[ft,%]
1	CR1	PX	-.000801	-.000801	0	0
2	CR2	PX	-.000801	-.000801	0	0
3	CR3	PX	-.000801	-.000801	0	0
4	FACE2	PX	-.000801	-.000801	0	0
5	FACE2A	PX	-.000801	-.000801	0	0
6	FACE2B	PX	-.000801	-.000801	0	0
7	FACE3	PX	-.002	-.002	0	0
8	FACE3A	PX	-.002	-.002	0	0
9	FACE3B	PX	-.002	-.002	0	0
10	FACE1	PX	-.002	-.002	0	0
11	FACE1A	PX	-.002	-.002	0	0
12	FACE1B	PX	-.002	-.002	0	0
13	LADDER1	PX	-.000401	-.000401	0	0
14	LADDER2	PX	-.000401	-.000401	0	0
15	LSUPP1	PX	-.000801	-.000801	0	0
16	LSUPP2	PX	-.000801	-.000801	0	0
17	MP ALPHA1	PX	-.000457	-.000457	0	0
18	MP ALPHA2	PX	-.000457	-.000457	0	0
19	MP BETA1	PX	-.000457	-.000457	0	0
20	MP BETA2	PX	-.000457	-.000457	0	0
21	MP GAMMA1	PX	-.000457	-.000457	0	0
22	MP GAMMA2	PX	-.000457	-.000457	0	0
23	PL1	PX	-6e-5	-6e-5	0	0
24	PL2	PX	-6e-5	-6e-5	0	0
25	PL3	PX	-6e-5	-6e-5	0	0
26	PL4	PX	-6e-5	-6e-5	0	0
27	PL5	PX	-6e-5	-6e-5	0	0
28	PL6	PX	-6e-5	-6e-5	0	0
29	PLANGLE1	PX	-.000801	-.000801	0	0
30	PLANGLE2	PX	-.000801	-.000801	0	0
31	PLANGLE3	PX	-.000801	-.000801	0	0
32	RAIL2	PX	-.000146	-.000146	0	0
33	RAIL1	PX	-.000292	-.000292	0	0
34	RAIL3	PX	-.000292	-.000292	0	0
35	RCORNER1	PX	-.000401	-.000401	0	0
36	RCORNER2	PX	-.000401	-.000401	0	0
37	RCORNER3	PX	-.000401	-.000401	0	0
38	RPL1	PX	-.000961	-.000961	0	0
39	RPL2	PX	-.000961	-.000961	0	0
40	RPL3	PX	-.000961	-.000961	0	0
41	RPL4	PX	-.000961	-.000961	0	0
42	RPL5	PX	-.000961	-.000961	0	0
43	RPL6	PX	-.000961	-.000961	0	0
44	RUNG1	PX	-6.1e-5	-6.1e-5	0	0
45	RUNG2	PX	-6.1e-5	-6.1e-5	0	0
46	RUNG3	PX	-6.1e-5	-6.1e-5	0	0
47	RUNG4	PX	-6.1e-5	-6.1e-5	0	0
48	RUNG5	PX	-6.1e-5	-6.1e-5	0	0
49	RUNG6	PX	-6.1e-5	-6.1e-5	0	0
50	RUNG7	PX	-6.1e-5	-6.1e-5	0	0
51	RUNG8	PX	-6.1e-5	-6.1e-5	0	0
52	SO1	PX	-.0003	-.0003	0	0
53	SO2	PX	-.0003	-.0003	0	0
54	SO3	PX	-.0003	-.0003	0	0

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

Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F,...	Start Location[ft,%]	End Location[ft,%]

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F,...	Start Location[ft,%]	End Location[ft,%]
1	CR1	PY	.000401	.000401	0	0
2	CR2	PY	.000401	.000401	0	0
3	CR3	PY	.000401	.000401	0	0
4	FACE2	PY	.000401	.000401	0	0
5	FACE2A	PY	.000401	.000401	0	0
6	FACE2B	PY	.000401	.000401	0	0
7	FACE3	PY	.000801	.000801	0	0
8	FACE3A	PY	.000801	.000801	0	0
9	FACE3B	PY	.000801	.000801	0	0
10	FACE1	PY	.000801	.000801	0	0
11	FACE1A	PY	.000801	.000801	0	0
12	FACE1B	PY	.000801	.000801	0	0
13	LADDER1	PY	.0002	.0002	0	0
14	LADDER2	PY	.0002	.0002	0	0
15	LSUPP1	PY	.000401	.000401	0	0
16	LSUPP2	PY	.000401	.000401	0	0
17	MP ALPHA1	PY	.000228	.000228	0	0
18	MP ALPHA2	PY	.000228	.000228	0	0
19	MP BETA1	PY	.000228	.000228	0	0
20	MP BETA2	PY	.000228	.000228	0	0
21	MP GAMMA1	PY	.000228	.000228	0	0
22	MP GAMMA2	PY	.000228	.000228	0	0
23	PL1	PY	3e-5	3e-5	0	0
24	PL2	PY	3e-5	3e-5	0	0
25	PL3	PY	3e-5	3e-5	0	0
26	PL4	PY	3e-5	3e-5	0	0
27	PL5	PY	3e-5	3e-5	0	0
28	PL6	PY	3e-5	3e-5	0	0
29	PLANGLE1	PY	.000401	.000401	0	0
30	PLANGLE2	PY	.000401	.000401	0	0
31	PLANGLE3	PY	.000401	.000401	0	0
32	RAIL2	PY	7.3e-5	7.3e-5	0	0
33	RAIL1	PY	.000146	.000146	0	0
34	RAIL3	PY	.000146	.000146	0	0
35	RCORNER1	PY	.0002	.0002	0	0
36	RCORNER2	PY	.0002	.0002	0	0
37	RCORNER3	PY	.0002	.0002	0	0
38	RPL1	PY	.000481	.000481	0	0
39	RPL2	PY	.000481	.000481	0	0
40	RPL3	PY	.000481	.000481	0	0
41	RPL4	PY	.000481	.000481	0	0
42	RPL5	PY	.000481	.000481	0	0
43	RPL6	PY	.000481	.000481	0	0
44	RUNG1	PY	3.1e-5	3.1e-5	0	0
45	RUNG2	PY	3.1e-5	3.1e-5	0	0
46	RUNG3	PY	3.1e-5	3.1e-5	0	0
47	RUNG4	PY	3.1e-5	3.1e-5	0	0
48	RUNG5	PY	3.1e-5	3.1e-5	0	0
49	RUNG6	PY	3.1e-5	3.1e-5	0	0
50	RUNG7	PY	3.1e-5	3.1e-5	0	0
51	RUNG8	PY	3.1e-5	3.1e-5	0	0
52	SO1	PY	.00015	.00015	0	0
53	SO2	PY	.00015	.00015	0	0
54	SO3	PY	.00015	.00015	0	0
55	CR1	PX	-.000694	-.000694	0	0
56	CR2	PX	-.000694	-.000694	0	0
57	CR3	PX	-.000694	-.000694	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F,...	Start Location[ft,%]	End Location[ft,%]
58	FACE2	PX	-.000694	-.000694	0	0
59	FACE2A	PX	-.000694	-.000694	0	0
60	FACE2B	PX	-.000694	-.000694	0	0
61	FACE3	PX	-.001	-.001	0	0
62	FACE3A	PX	-.001	-.001	0	0
63	FACE3B	PX	-.001	-.001	0	0
64	FACE1	PX	-.001	-.001	0	0
65	FACE1A	PX	-.001	-.001	0	0
66	FACE1B	PX	-.001	-.001	0	0
67	LADDER1	PX	-.000347	-.000347	0	0
68	LADDER2	PX	-.000347	-.000347	0	0
69	LSUPP1	PX	-.000694	-.000694	0	0
70	LSUPP2	PX	-.000694	-.000694	0	0
71	MP ALPHA1	PX	-.000396	-.000396	0	0
72	MP ALPHA2	PX	-.000396	-.000396	0	0
73	MP BETA1	PX	-.000396	-.000396	0	0
74	MP BETA2	PX	-.000396	-.000396	0	0
75	MP GAMMA1	PX	-.000396	-.000396	0	0
76	MP GAMMA2	PX	-.000396	-.000396	0	0
77	PL1	PX	-5.2e-5	-5.2e-5	0	0
78	PL2	PX	-5.2e-5	-5.2e-5	0	0
79	PL3	PX	-5.2e-5	-5.2e-5	0	0
80	PL4	PX	-5.2e-5	-5.2e-5	0	0
81	PL5	PX	-5.2e-5	-5.2e-5	0	0
82	PL6	PX	-5.2e-5	-5.2e-5	0	0
83	PLANGLE1	PX	-.000694	-.000694	0	0
84	PLANGLE2	PX	-.000694	-.000694	0	0
85	PLANGLE3	PX	-.000694	-.000694	0	0
86	RAIL2	PX	-.000126	-.000126	0	0
87	RAIL1	PX	-.000253	-.000253	0	0
88	RAIL3	PX	-.000253	-.000253	0	0
89	RCORNER1	PX	-.000347	-.000347	0	0
90	RCORNER2	PX	-.000347	-.000347	0	0
91	RCORNER3	PX	-.000347	-.000347	0	0
92	RPL1	PX	-.000833	-.000833	0	0
93	RPL2	PX	-.000833	-.000833	0	0
94	RPL3	PX	-.000833	-.000833	0	0
95	RPL4	PX	-.000833	-.000833	0	0
96	RPL5	PX	-.000833	-.000833	0	0
97	RPL6	PX	-.000833	-.000833	0	0
98	RUNG1	PX	-5.3e-5	-5.3e-5	0	0
99	RUNG2	PX	-5.3e-5	-5.3e-5	0	0
100	RUNG3	PX	-5.3e-5	-5.3e-5	0	0
101	RUNG4	PX	-5.3e-5	-5.3e-5	0	0
102	RUNG5	PX	-5.3e-5	-5.3e-5	0	0
103	RUNG6	PX	-5.3e-5	-5.3e-5	0	0
104	RUNG7	PX	-5.3e-5	-5.3e-5	0	0
105	RUNG8	PX	-5.3e-5	-5.3e-5	0	0
106	SO1	PX	-.00026	-.00026	0	0
107	SO2	PX	-.00026	-.00026	0	0
108	SO3	PX	-.00026	-.00026	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F,...	Start Location[ft,%]	End Location[ft,%]
1	CR1	PY	.000694	.000694	0	0
2	CR2	PY	.000694	.000694	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F,...	Start Location[ft,%]	End Location[ft,%]
3	CR3	PY	.000694	.000694	0	0
4	FACE2	PY	.000694	.000694	0	0
5	FACE2A	PY	.000694	.000694	0	0
6	FACE2B	PY	.000694	.000694	0	0
7	FACE3	PY	.001	.001	0	0
8	FACE3A	PY	.001	.001	0	0
9	FACE3B	PY	.001	.001	0	0
10	FACE1	PY	.001	.001	0	0
11	FACE1A	PY	.001	.001	0	0
12	FACE1B	PY	.001	.001	0	0
13	LADDER1	PY	.000347	.000347	0	0
14	LADDER2	PY	.000347	.000347	0	0
15	LSUPP1	PY	.000694	.000694	0	0
16	LSUPP2	PY	.000694	.000694	0	0
17	MP ALPHA1	PY	.000396	.000396	0	0
18	MP ALPHA2	PY	.000396	.000396	0	0
19	MP BETA1	PY	.000396	.000396	0	0
20	MP BETA2	PY	.000396	.000396	0	0
21	MP GAMMA1	PY	.000396	.000396	0	0
22	MP GAMMA2	PY	.000396	.000396	0	0
23	PL1	PY	5.2e-5	5.2e-5	0	0
24	PL2	PY	5.2e-5	5.2e-5	0	0
25	PL3	PY	5.2e-5	5.2e-5	0	0
26	PL4	PY	5.2e-5	5.2e-5	0	0
27	PL5	PY	5.2e-5	5.2e-5	0	0
28	PL6	PY	5.2e-5	5.2e-5	0	0
29	PLANGLE1	PY	.000694	.000694	0	0
30	PLANGLE2	PY	.000694	.000694	0	0
31	PLANGLE3	PY	.000694	.000694	0	0
32	RAIL2	PY	.000126	.000126	0	0
33	RAIL1	PY	.000253	.000253	0	0
34	RAIL3	PY	.000253	.000253	0	0
35	RCORNER1	PY	.000347	.000347	0	0
36	RCORNER2	PY	.000347	.000347	0	0
37	RCORNER3	PY	.000347	.000347	0	0
38	RPL1	PY	.000833	.000833	0	0
39	RPL2	PY	.000833	.000833	0	0
40	RPL3	PY	.000833	.000833	0	0
41	RPL4	PY	.000833	.000833	0	0
42	RPL5	PY	.000833	.000833	0	0
43	RPL6	PY	.000833	.000833	0	0
44	RUNG1	PY	5.3e-5	5.3e-5	0	0
45	RUNG2	PY	5.3e-5	5.3e-5	0	0
46	RUNG3	PY	5.3e-5	5.3e-5	0	0
47	RUNG4	PY	5.3e-5	5.3e-5	0	0
48	RUNG5	PY	5.3e-5	5.3e-5	0	0
49	RUNG6	PY	5.3e-5	5.3e-5	0	0
50	RUNG7	PY	5.3e-5	5.3e-5	0	0
51	RUNG8	PY	5.3e-5	5.3e-5	0	0
52	SO1	PY	.00026	.00026	0	0
53	SO2	PY	.00026	.00026	0	0
54	SO3	PY	.00026	.00026	0	0
55	CR1	PX	-.000401	-.000401	0	0
56	CR2	PX	-.000401	-.000401	0	0
57	CR3	PX	-.000401	-.000401	0	0
58	FACE2	PX	-.000401	-.000401	0	0
59	FACE2A	PX	-.000401	-.000401	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F,...	Start Location[ft,%]	End Location[ft,%]
60	FACE2B	PX	-.000401	-.000401	0	0
61	FACE3	PX	-.000801	-.000801	0	0
62	FACE3A	PX	-.000801	-.000801	0	0
63	FACE3B	PX	-.000801	-.000801	0	0
64	FACE1	PX	-.000801	-.000801	0	0
65	FACE1A	PX	-.000801	-.000801	0	0
66	FACE1B	PX	-.000801	-.000801	0	0
67	LADDER1	PX	-.0002	-.0002	0	0
68	LADDER2	PX	-.0002	-.0002	0	0
69	LSUPP1	PX	-.000401	-.000401	0	0
70	LSUPP2	PX	-.000401	-.000401	0	0
71	MP ALPHA1	PX	-.000228	-.000228	0	0
72	MP ALPHA2	PX	-.000228	-.000228	0	0
73	MP BETA1	PX	-.000228	-.000228	0	0
74	MP BETA2	PX	-.000228	-.000228	0	0
75	MP GAMMA1	PX	-.000228	-.000228	0	0
76	MP GAMMA2	PX	-.000228	-.000228	0	0
77	PL1	PX	-3e-5	-3e-5	0	0
78	PL2	PX	-3e-5	-3e-5	0	0
79	PL3	PX	-3e-5	-3e-5	0	0
80	PL4	PX	-3e-5	-3e-5	0	0
81	PL5	PX	-3e-5	-3e-5	0	0
82	PL6	PX	-3e-5	-3e-5	0	0
83	PLANGLE1	PX	-.000401	-.000401	0	0
84	PLANGLE2	PX	-.000401	-.000401	0	0
85	PLANGLE3	PX	-.000401	-.000401	0	0
86	RAIL2	PX	-7.3e-5	-7.3e-5	0	0
87	RAIL1	PX	-.000146	-.000146	0	0
88	RAIL3	PX	-.000146	-.000146	0	0
89	RCORNER1	PX	-.0002	-.0002	0	0
90	RCORNER2	PX	-.0002	-.0002	0	0
91	RCORNER3	PX	-.0002	-.0002	0	0
92	RPL1	PX	-.000481	-.000481	0	0
93	RPL2	PX	-.000481	-.000481	0	0
94	RPL3	PX	-.000481	-.000481	0	0
95	RPL4	PX	-.000481	-.000481	0	0
96	RPL5	PX	-.000481	-.000481	0	0
97	RPL6	PX	-.000481	-.000481	0	0
98	RUNG1	PX	-3.1e-5	-3.1e-5	0	0
99	RUNG2	PX	-3.1e-5	-3.1e-5	0	0
100	RUNG3	PX	-3.1e-5	-3.1e-5	0	0
101	RUNG4	PX	-3.1e-5	-3.1e-5	0	0
102	RUNG5	PX	-3.1e-5	-3.1e-5	0	0
103	RUNG6	PX	-3.1e-5	-3.1e-5	0	0
104	RUNG7	PX	-3.1e-5	-3.1e-5	0	0
105	RUNG8	PX	-3.1e-5	-3.1e-5	0	0
106	SO1	PX	-.00015	-.00015	0	0
107	SO2	PX	-.00015	-.00015	0	0
108	SO3	PX	-.00015	-.00015	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F,...	Start Location[ft,%]	End Location[ft,%]
1	CR1	PY	.000801	.000801	0	0
2	CR2	PY	.000801	.000801	0	0
3	CR3	PY	.000801	.000801	0	0
4	FACE2	PY	.000801	.000801	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F,...	Start Location[ft,%]	End Location[ft,%]
5	FACE2A	PY	.000801	.000801	0	0
6	FACE2B	PY	.000801	.000801	0	0
7	FACE3	PY	.002	.002	0	0
8	FACE3A	PY	.002	.002	0	0
9	FACE3B	PY	.002	.002	0	0
10	FACE1	PY	.002	.002	0	0
11	FACE1A	PY	.002	.002	0	0
12	FACE1B	PY	.002	.002	0	0
13	LADDER1	PY	.000401	.000401	0	0
14	LADDER2	PY	.000401	.000401	0	0
15	LSUPP1	PY	.000801	.000801	0	0
16	LSUPP2	PY	.000801	.000801	0	0
17	MP ALPHA1	PY	.000457	.000457	0	0
18	MP ALPHA2	PY	.000457	.000457	0	0
19	MP BETA1	PY	.000457	.000457	0	0
20	MP BETA2	PY	.000457	.000457	0	0
21	MP GAMMA1	PY	.000457	.000457	0	0
22	MP GAMMA2	PY	.000457	.000457	0	0
23	PL1	PY	6e-5	6e-5	0	0
24	PL2	PY	6e-5	6e-5	0	0
25	PL3	PY	6e-5	6e-5	0	0
26	PL4	PY	6e-5	6e-5	0	0
27	PL5	PY	6e-5	6e-5	0	0
28	PL6	PY	6e-5	6e-5	0	0
29	PLANGLE1	PY	.000801	.000801	0	0
30	PLANGLE2	PY	.000801	.000801	0	0
31	PLANGLE3	PY	.000801	.000801	0	0
32	RAIL2	PY	.000146	.000146	0	0
33	RAIL1	PY	.000292	.000292	0	0
34	RAIL3	PY	.000292	.000292	0	0
35	RCORNER1	PY	.000401	.000401	0	0
36	RCORNER2	PY	.000401	.000401	0	0
37	RCORNER3	PY	.000401	.000401	0	0
38	RPL1	PY	.000961	.000961	0	0
39	RPL2	PY	.000961	.000961	0	0
40	RPL3	PY	.000961	.000961	0	0
41	RPL4	PY	.000961	.000961	0	0
42	RPL5	PY	.000961	.000961	0	0
43	RPL6	PY	.000961	.000961	0	0
44	RUNG1	PY	6.1e-5	6.1e-5	0	0
45	RUNG2	PY	6.1e-5	6.1e-5	0	0
46	RUNG3	PY	6.1e-5	6.1e-5	0	0
47	RUNG4	PY	6.1e-5	6.1e-5	0	0
48	RUNG5	PY	6.1e-5	6.1e-5	0	0
49	RUNG6	PY	6.1e-5	6.1e-5	0	0
50	RUNG7	PY	6.1e-5	6.1e-5	0	0
51	RUNG8	PY	6.1e-5	6.1e-5	0	0
52	SO1	PY	.0003	.0003	0	0
53	SO2	PY	.0003	.0003	0	0
54	SO3	PY	.0003	.0003	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F,...	Start Location[ft,%]	End Location[ft,%]
1	CR1	PY	.000694	.000694	0	0
2	CR2	PY	.000694	.000694	0	0
3	CR3	PY	.000694	.000694	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F,...	Start Location[ft,%]	End Location[ft,%]
4	FACE3	PY	.000694	.000694	0	0
5	FACE3A	PY	.000694	.000694	0	0
6	FACE3B	PY	.000694	.000694	0	0
7	FACE1	PY	.001	.001	0	0
8	FACE1A	PY	.001	.001	0	0
9	FACE1B	PY	.001	.001	0	0
10	FACE2	PY	.001	.001	0	0
11	FACE2A	PY	.001	.001	0	0
12	FACE2B	PY	.001	.001	0	0
13	LADDER1	PY	.000347	.000347	0	0
14	LADDER2	PY	.000347	.000347	0	0
15	LSUPP1	PY	.000694	.000694	0	0
16	LSUPP2	PY	.000694	.000694	0	0
17	MP ALPHA1	PY	.000396	.000396	0	0
18	MP ALPHA2	PY	.000396	.000396	0	0
19	MP BETA1	PY	.000396	.000396	0	0
20	MP BETA2	PY	.000396	.000396	0	0
21	MP GAMMA1	PY	.000396	.000396	0	0
22	MP GAMMA2	PY	.000396	.000396	0	0
23	PL1	PY	5.2e-5	5.2e-5	0	0
24	PL2	PY	5.2e-5	5.2e-5	0	0
25	PL3	PY	5.2e-5	5.2e-5	0	0
26	PL4	PY	5.2e-5	5.2e-5	0	0
27	PL5	PY	5.2e-5	5.2e-5	0	0
28	PL6	PY	5.2e-5	5.2e-5	0	0
29	PLANGLE1	PY	.000694	.000694	0	0
30	PLANGLE2	PY	.000694	.000694	0	0
31	PLANGLE3	PY	.000694	.000694	0	0
32	RAIL3	PY	.000126	.000126	0	0
33	RAIL2	PY	.000253	.000253	0	0
34	RAIL1	PY	.000253	.000253	0	0
35	RCORNER1	PY	.000347	.000347	0	0
36	RCORNER2	PY	.000347	.000347	0	0
37	RCORNER3	PY	.000347	.000347	0	0
38	RPL1	PY	.000833	.000833	0	0
39	RPL2	PY	.000833	.000833	0	0
40	RPL3	PY	.000833	.000833	0	0
41	RPL4	PY	.000833	.000833	0	0
42	RPL5	PY	.000833	.000833	0	0
43	RPL6	PY	.000833	.000833	0	0
44	RUNG1	PY	5.3e-5	5.3e-5	0	0
45	RUNG2	PY	5.3e-5	5.3e-5	0	0
46	RUNG3	PY	5.3e-5	5.3e-5	0	0
47	RUNG4	PY	5.3e-5	5.3e-5	0	0
48	RUNG5	PY	5.3e-5	5.3e-5	0	0
49	RUNG6	PY	5.3e-5	5.3e-5	0	0
50	RUNG7	PY	5.3e-5	5.3e-5	0	0
51	RUNG8	PY	5.3e-5	5.3e-5	0	0
52	SO1	PY	.00026	.00026	0	0
53	SO2	PY	.00026	.00026	0	0
54	SO3	PY	.00026	.00026	0	0
55	CR1	PX	.000401	.000401	0	0
56	CR2	PX	.000401	.000401	0	0
57	CR3	PX	.000401	.000401	0	0
58	FACE3	PX	.000401	.000401	0	0
59	FACE3A	PX	.000401	.000401	0	0
60	FACE3B	PX	.000401	.000401	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F,...	Start Location[ft,%]	End Location[ft,%]
61	FACE1	PX	.000801	.000801	0	0
62	FACE1A	PX	.000801	.000801	0	0
63	FACE1B	PX	.000801	.000801	0	0
64	FACE2	PX	.000801	.000801	0	0
65	FACE2A	PX	.000801	.000801	0	0
66	FACE2B	PX	.000801	.000801	0	0
67	LADDER1	PX	.0002	.0002	0	0
68	LADDER2	PX	.0002	.0002	0	0
69	LSUPP1	PX	.000401	.000401	0	0
70	LSUPP2	PX	.000401	.000401	0	0
71	MP ALPHA1	PX	.000228	.000228	0	0
72	MP ALPHA2	PX	.000228	.000228	0	0
73	MP BETA1	PX	.000228	.000228	0	0
74	MP BETA2	PX	.000228	.000228	0	0
75	MP GAMMA1	PX	.000228	.000228	0	0
76	MP GAMMA2	PX	.000228	.000228	0	0
77	PL1	PX	3e-5	3e-5	0	0
78	PL2	PX	3e-5	3e-5	0	0
79	PL3	PX	3e-5	3e-5	0	0
80	PL4	PX	3e-5	3e-5	0	0
81	PL5	PX	3e-5	3e-5	0	0
82	PL6	PX	3e-5	3e-5	0	0
83	PLANGLE1	PX	.000401	.000401	0	0
84	PLANGLE2	PX	.000401	.000401	0	0
85	PLANGLE3	PX	.000401	.000401	0	0
86	RAIL3	PX	7.3e-5	7.3e-5	0	0
87	RAIL2	PX	.000146	.000146	0	0
88	RAIL1	PX	.000146	.000146	0	0
89	RCORNER1	PX	.0002	.0002	0	0
90	RCORNER2	PX	.0002	.0002	0	0
91	RCORNER3	PX	.0002	.0002	0	0
92	RPL1	PX	.000481	.000481	0	0
93	RPL2	PX	.000481	.000481	0	0
94	RPL3	PX	.000481	.000481	0	0
95	RPL4	PX	.000481	.000481	0	0
96	RPL5	PX	.000481	.000481	0	0
97	RPL6	PX	.000481	.000481	0	0
98	RUNG1	PX	3.1e-5	3.1e-5	0	0
99	RUNG2	PX	3.1e-5	3.1e-5	0	0
100	RUNG3	PX	3.1e-5	3.1e-5	0	0
101	RUNG4	PX	3.1e-5	3.1e-5	0	0
102	RUNG5	PX	3.1e-5	3.1e-5	0	0
103	RUNG6	PX	3.1e-5	3.1e-5	0	0
104	RUNG7	PX	3.1e-5	3.1e-5	0	0
105	RUNG8	PX	3.1e-5	3.1e-5	0	0
106	SO1	PX	.00015	.00015	0	0
107	SO2	PX	.00015	.00015	0	0
108	SO3	PX	.00015	.00015	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F,...	Start Location[ft,%]	End Location[ft,%]
1	CR1	PY	.000401	.000401	0	0
2	CR2	PY	.000401	.000401	0	0
3	CR3	PY	.000401	.000401	0	0
4	FACE3	PY	.000401	.000401	0	0
5	FACE3A	PY	.000401	.000401	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F,...	Start Location[ft,%]	End Location[ft,%]
6	FACE3B	PY	.000401	.000401	0	0
7	FACE1	PY	.000801	.000801	0	0
8	FACE1A	PY	.000801	.000801	0	0
9	FACE1B	PY	.000801	.000801	0	0
10	FACE2	PY	.000801	.000801	0	0
11	FACE2A	PY	.000801	.000801	0	0
12	FACE2B	PY	.000801	.000801	0	0
13	LADDER1	PY	.0002	.0002	0	0
14	LADDER2	PY	.0002	.0002	0	0
15	LSUPP1	PY	.000401	.000401	0	0
16	LSUPP2	PY	.000401	.000401	0	0
17	MP ALPHA1	PY	.000228	.000228	0	0
18	MP ALPHA2	PY	.000228	.000228	0	0
19	MP BETA1	PY	.000228	.000228	0	0
20	MP BETA2	PY	.000228	.000228	0	0
21	MP GAMMA1	PY	.000228	.000228	0	0
22	MP GAMMA2	PY	.000228	.000228	0	0
23	PL1	PY	3e-5	3e-5	0	0
24	PL2	PY	3e-5	3e-5	0	0
25	PL3	PY	3e-5	3e-5	0	0
26	PL4	PY	3e-5	3e-5	0	0
27	PL5	PY	3e-5	3e-5	0	0
28	PL6	PY	3e-5	3e-5	0	0
29	PLANGLE1	PY	.000401	.000401	0	0
30	PLANGLE2	PY	.000401	.000401	0	0
31	PLANGLE3	PY	.000401	.000401	0	0
32	RAIL3	PY	7.3e-5	7.3e-5	0	0
33	RAIL2	PY	.000146	.000146	0	0
34	RAIL1	PY	.000146	.000146	0	0
35	RCORNER1	PY	.0002	.0002	0	0
36	RCORNER2	PY	.0002	.0002	0	0
37	RCORNER3	PY	.0002	.0002	0	0
38	RPL1	PY	.000481	.000481	0	0
39	RPL2	PY	.000481	.000481	0	0
40	RPL3	PY	.000481	.000481	0	0
41	RPL4	PY	.000481	.000481	0	0
42	RPL5	PY	.000481	.000481	0	0
43	RPL6	PY	.000481	.000481	0	0
44	RUNG1	PY	3.1e-5	3.1e-5	0	0
45	RUNG2	PY	3.1e-5	3.1e-5	0	0
46	RUNG3	PY	3.1e-5	3.1e-5	0	0
47	RUNG4	PY	3.1e-5	3.1e-5	0	0
48	RUNG5	PY	3.1e-5	3.1e-5	0	0
49	RUNG6	PY	3.1e-5	3.1e-5	0	0
50	RUNG7	PY	3.1e-5	3.1e-5	0	0
51	RUNG8	PY	3.1e-5	3.1e-5	0	0
52	SO1	PY	.00015	.00015	0	0
53	SO2	PY	.00015	.00015	0	0
54	SO3	PY	.00015	.00015	0	0
55	CR1	PX	.000694	.000694	0	0
56	CR2	PX	.000694	.000694	0	0
57	CR3	PX	.000694	.000694	0	0
58	FACE3	PX	.000694	.000694	0	0
59	FACE3A	PX	.000694	.000694	0	0
60	FACE3B	PX	.000694	.000694	0	0
61	FACE1	PX	.001	.001	0	0
62	FACE1A	PX	.001	.001	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F,...	Start Location[ft,%]	End Location[ft,%]
63	FACE1B	PX	.001	.001	0	0
64	FACE2	PX	.001	.001	0	0
65	FACE2A	PX	.001	.001	0	0
66	FACE2B	PX	.001	.001	0	0
67	LADDER1	PX	.000347	.000347	0	0
68	LADDER2	PX	.000347	.000347	0	0
69	LSUPP1	PX	.000694	.000694	0	0
70	LSUPP2	PX	.000694	.000694	0	0
71	MP ALPHA1	PX	.000396	.000396	0	0
72	MP ALPHA2	PX	.000396	.000396	0	0
73	MP BETA1	PX	.000396	.000396	0	0
74	MP BETA2	PX	.000396	.000396	0	0
75	MP GAMMA1	PX	.000396	.000396	0	0
76	MP GAMMA2	PX	.000396	.000396	0	0
77	PL1	PX	5.2e-5	5.2e-5	0	0
78	PL2	PX	5.2e-5	5.2e-5	0	0
79	PL3	PX	5.2e-5	5.2e-5	0	0
80	PL4	PX	5.2e-5	5.2e-5	0	0
81	PL5	PX	5.2e-5	5.2e-5	0	0
82	PL6	PX	5.2e-5	5.2e-5	0	0
83	PLANGLE1	PX	.000694	.000694	0	0
84	PLANGLE2	PX	.000694	.000694	0	0
85	PLANGLE3	PX	.000694	.000694	0	0
86	RAIL3	PX	.000126	.000126	0	0
87	RAIL2	PX	.000253	.000253	0	0
88	RAIL1	PX	.000253	.000253	0	0
89	RCORNER1	PX	.000347	.000347	0	0
90	RCORNER2	PX	.000347	.000347	0	0
91	RCORNER3	PX	.000347	.000347	0	0
92	RPL1	PX	.000833	.000833	0	0
93	RPL2	PX	.000833	.000833	0	0
94	RPL3	PX	.000833	.000833	0	0
95	RPL4	PX	.000833	.000833	0	0
96	RPL5	PX	.000833	.000833	0	0
97	RPL6	PX	.000833	.000833	0	0
98	RUNG1	PX	5.3e-5	5.3e-5	0	0
99	RUNG2	PX	5.3e-5	5.3e-5	0	0
100	RUNG3	PX	5.3e-5	5.3e-5	0	0
101	RUNG4	PX	5.3e-5	5.3e-5	0	0
102	RUNG5	PX	5.3e-5	5.3e-5	0	0
103	RUNG6	PX	5.3e-5	5.3e-5	0	0
104	RUNG7	PX	5.3e-5	5.3e-5	0	0
105	RUNG8	PX	5.3e-5	5.3e-5	0	0
106	SO1	PX	.00026	.00026	0	0
107	SO2	PX	.00026	.00026	0	0
108	SO3	PX	.00026	.00026	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F,...	Start Location[ft,%]	End Location[ft,%]
1	CR1	PX	.000801	.000801	0	0
2	CR2	PX	.000801	.000801	0	0
3	CR3	PX	.000801	.000801	0	0
4	FACE3	PX	.000801	.000801	0	0
5	FACE3A	PX	.000801	.000801	0	0
6	FACE3B	PX	.000801	.000801	0	0
7	FACE1	PX	.002	.002	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F,...	Start Location[ft,%]	End Location[ft,%]
8	FACE1A	PX	.002	.002	0	0
9	FACE1B	PX	.002	.002	0	0
10	FACE2	PX	.002	.002	0	0
11	FACE2A	PX	.002	.002	0	0
12	FACE2B	PX	.002	.002	0	0
13	LADDER1	PX	.000401	.000401	0	0
14	LADDER2	PX	.000401	.000401	0	0
15	LSUPP1	PX	.000801	.000801	0	0
16	LSUPP2	PX	.000801	.000801	0	0
17	MP ALPHA1	PX	.000457	.000457	0	0
18	MP ALPHA2	PX	.000457	.000457	0	0
19	MP BETA1	PX	.000457	.000457	0	0
20	MP BETA2	PX	.000457	.000457	0	0
21	MP GAMMA1	PX	.000457	.000457	0	0
22	MP GAMMA2	PX	.000457	.000457	0	0
23	PL1	PX	6e-5	6e-5	0	0
24	PL2	PX	6e-5	6e-5	0	0
25	PL3	PX	6e-5	6e-5	0	0
26	PL4	PX	6e-5	6e-5	0	0
27	PL5	PX	6e-5	6e-5	0	0
28	PL6	PX	6e-5	6e-5	0	0
29	PLANGLE1	PX	.000801	.000801	0	0
30	PLANGLE2	PX	.000801	.000801	0	0
31	PLANGLE3	PX	.000801	.000801	0	0
32	RAIL3	PX	.000146	.000146	0	0
33	RAIL2	PX	.000292	.000292	0	0
34	RAIL1	PX	.000292	.000292	0	0
35	RCORNER1	PX	.000401	.000401	0	0
36	RCORNER2	PX	.000401	.000401	0	0
37	RCORNER3	PX	.000401	.000401	0	0
38	RPL1	PX	.000961	.000961	0	0
39	RPL2	PX	.000961	.000961	0	0
40	RPL3	PX	.000961	.000961	0	0
41	RPL4	PX	.000961	.000961	0	0
42	RPL5	PX	.000961	.000961	0	0
43	RPL6	PX	.000961	.000961	0	0
44	RUNG1	PX	6.1e-5	6.1e-5	0	0
45	RUNG2	PX	6.1e-5	6.1e-5	0	0
46	RUNG3	PX	6.1e-5	6.1e-5	0	0
47	RUNG4	PX	6.1e-5	6.1e-5	0	0
48	RUNG5	PX	6.1e-5	6.1e-5	0	0
49	RUNG6	PX	6.1e-5	6.1e-5	0	0
50	RUNG7	PX	6.1e-5	6.1e-5	0	0
51	RUNG8	PX	6.1e-5	6.1e-5	0	0
52	SO1	PX	.0003	.0003	0	0
53	SO2	PX	.0003	.0003	0	0
54	SO3	PX	.0003	.0003	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F,...	Start Location[ft,%]	End Location[ft,%]
1	CR1	PY	-.000401	-.000401	0	0
2	CR2	PY	-.000401	-.000401	0	0
3	CR3	PY	-.000401	-.000401	0	0
4	FACE3	PY	-.000401	-.000401	0	0
5	FACE3A	PY	-.000401	-.000401	0	0
6	FACE3B	PY	-.000401	-.000401	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F,...	Start Location[ft,%]	End Location[ft,%]
7	FACE1	PY	-.000801	-.000801	0	0
8	FACE1A	PY	-.000801	-.000801	0	0
9	FACE1B	PY	-.000801	-.000801	0	0
10	FACE2	PY	-.000801	-.000801	0	0
11	FACE2A	PY	-.000801	-.000801	0	0
12	FACE2B	PY	-.000801	-.000801	0	0
13	LADDER1	PY	-.0002	-.0002	0	0
14	LADDER2	PY	-.0002	-.0002	0	0
15	LSUPP1	PY	-.000401	-.000401	0	0
16	LSUPP2	PY	-.000401	-.000401	0	0
17	MP ALPHA1	PY	-.000228	-.000228	0	0
18	MP ALPHA2	PY	-.000228	-.000228	0	0
19	MP BETA1	PY	-.000228	-.000228	0	0
20	MP BETA2	PY	-.000228	-.000228	0	0
21	MP GAMMA1	PY	-.000228	-.000228	0	0
22	MP GAMMA2	PY	-.000228	-.000228	0	0
23	PL1	PY	-3e-5	-3e-5	0	0
24	PL2	PY	-3e-5	-3e-5	0	0
25	PL3	PY	-3e-5	-3e-5	0	0
26	PL4	PY	-3e-5	-3e-5	0	0
27	PL5	PY	-3e-5	-3e-5	0	0
28	PL6	PY	-3e-5	-3e-5	0	0
29	PLANGLE1	PY	-.000401	-.000401	0	0
30	PLANGLE2	PY	-.000401	-.000401	0	0
31	PLANGLE3	PY	-.000401	-.000401	0	0
32	RAIL3	PY	-7.3e-5	-7.3e-5	0	0
33	RAIL2	PY	-.000146	-.000146	0	0
34	RAIL1	PY	-.000146	-.000146	0	0
35	RCORNER1	PY	-.0002	-.0002	0	0
36	RCORNER2	PY	-.0002	-.0002	0	0
37	RCORNER3	PY	-.0002	-.0002	0	0
38	RPL1	PY	-.000481	-.000481	0	0
39	RPL2	PY	-.000481	-.000481	0	0
40	RPL3	PY	-.000481	-.000481	0	0
41	RPL4	PY	-.000481	-.000481	0	0
42	RPL5	PY	-.000481	-.000481	0	0
43	RPL6	PY	-.000481	-.000481	0	0
44	RUNG1	PY	-3.1e-5	-3.1e-5	0	0
45	RUNG2	PY	-3.1e-5	-3.1e-5	0	0
46	RUNG3	PY	-3.1e-5	-3.1e-5	0	0
47	RUNG4	PY	-3.1e-5	-3.1e-5	0	0
48	RUNG5	PY	-3.1e-5	-3.1e-5	0	0
49	RUNG6	PY	-3.1e-5	-3.1e-5	0	0
50	RUNG7	PY	-3.1e-5	-3.1e-5	0	0
51	RUNG8	PY	-3.1e-5	-3.1e-5	0	0
52	SO1	PY	-.00015	-.00015	0	0
53	SO2	PY	-.00015	-.00015	0	0
54	SO3	PY	-.00015	-.00015	0	0
55	CR1	PX	.000694	.000694	0	0
56	CR2	PX	.000694	.000694	0	0
57	CR3	PX	.000694	.000694	0	0
58	FACE3	PX	.000694	.000694	0	0
59	FACE3A	PX	.000694	.000694	0	0
60	FACE3B	PX	.000694	.000694	0	0
61	FACE1	PX	.001	.001	0	0
62	FACE1A	PX	.001	.001	0	0
63	FACE1B	PX	.001	.001	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F,...	Start Location[ft,%]	End Location[ft,%]
64	FACE2	PX	.001	.001	0	0
65	FACE2A	PX	.001	.001	0	0
66	FACE2B	PX	.001	.001	0	0
67	LADDER1	PX	.000347	.000347	0	0
68	LADDER2	PX	.000347	.000347	0	0
69	LSUPP1	PX	.000694	.000694	0	0
70	LSUPP2	PX	.000694	.000694	0	0
71	MP ALPHA1	PX	.000396	.000396	0	0
72	MP ALPHA2	PX	.000396	.000396	0	0
73	MP BETA1	PX	.000396	.000396	0	0
74	MP BETA2	PX	.000396	.000396	0	0
75	MP GAMMA1	PX	.000396	.000396	0	0
76	MP GAMMA2	PX	.000396	.000396	0	0
77	PL1	PX	5.2e-5	5.2e-5	0	0
78	PL2	PX	5.2e-5	5.2e-5	0	0
79	PL3	PX	5.2e-5	5.2e-5	0	0
80	PL4	PX	5.2e-5	5.2e-5	0	0
81	PL5	PX	5.2e-5	5.2e-5	0	0
82	PL6	PX	5.2e-5	5.2e-5	0	0
83	PLANGLE1	PX	.000694	.000694	0	0
84	PLANGLE2	PX	.000694	.000694	0	0
85	PLANGLE3	PX	.000694	.000694	0	0
86	RAIL3	PX	.000126	.000126	0	0
87	RAIL2	PX	.000253	.000253	0	0
88	RAIL1	PX	.000253	.000253	0	0
89	RCORNER1	PX	.000347	.000347	0	0
90	RCORNER2	PX	.000347	.000347	0	0
91	RCORNER3	PX	.000347	.000347	0	0
92	RPL1	PX	.000833	.000833	0	0
93	RPL2	PX	.000833	.000833	0	0
94	RPL3	PX	.000833	.000833	0	0
95	RPL4	PX	.000833	.000833	0	0
96	RPL5	PX	.000833	.000833	0	0
97	RPL6	PX	.000833	.000833	0	0
98	RUNG1	PX	5.3e-5	5.3e-5	0	0
99	RUNG2	PX	5.3e-5	5.3e-5	0	0
100	RUNG3	PX	5.3e-5	5.3e-5	0	0
101	RUNG4	PX	5.3e-5	5.3e-5	0	0
102	RUNG5	PX	5.3e-5	5.3e-5	0	0
103	RUNG6	PX	5.3e-5	5.3e-5	0	0
104	RUNG7	PX	5.3e-5	5.3e-5	0	0
105	RUNG8	PX	5.3e-5	5.3e-5	0	0
106	SO1	PX	.00026	.00026	0	0
107	SO2	PX	.00026	.00026	0	0
108	SO3	PX	.00026	.00026	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F,...	Start Location[ft,%]	End Location[ft,%]
1	CR1	PY	-.000694	-.000694	0	0
2	CR2	PY	-.000694	-.000694	0	0
3	CR3	PY	-.000694	-.000694	0	0
4	FACE1	PY	-.000694	-.000694	0	0
5	FACE1A	PY	-.000694	-.000694	0	0
6	FACE1B	PY	-.000694	-.000694	0	0
7	FACE2	PY	-.001	-.001	0	0
8	FACE2A	PY	-.001	-.001	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F,...	Start Location[ft,%]	End Location[ft,%]
9	FACE2B	PY	-.001	-.001	0	0
10	FACE3	PY	-.001	-.001	0	0
11	FACE3A	PY	-.001	-.001	0	0
12	FACE3B	PY	-.001	-.001	0	0
13	LADDER1	PY	-.000347	-.000347	0	0
14	LADDER2	PY	-.000347	-.000347	0	0
15	LSUPP1	PY	-.000694	-.000694	0	0
16	LSUPP2	PY	-.000694	-.000694	0	0
17	MP ALPHA1	PY	-.000396	-.000396	0	0
18	MP ALPHA2	PY	-.000396	-.000396	0	0
19	MP BETA1	PY	-.000396	-.000396	0	0
20	MP BETA2	PY	-.000396	-.000396	0	0
21	MP GAMMA1	PY	-.000396	-.000396	0	0
22	MP GAMMA2	PY	-.000396	-.000396	0	0
23	PL1	PY	-5.2e-5	-5.2e-5	0	0
24	PL2	PY	-5.2e-5	-5.2e-5	0	0
25	PL3	PY	-5.2e-5	-5.2e-5	0	0
26	PL4	PY	-5.2e-5	-5.2e-5	0	0
27	PL5	PY	-5.2e-5	-5.2e-5	0	0
28	PL6	PY	-5.2e-5	-5.2e-5	0	0
29	PLANGLE1	PY	-.000694	-.000694	0	0
30	PLANGLE2	PY	-.000694	-.000694	0	0
31	PLANGLE3	PY	-.000694	-.000694	0	0
32	RAIL1	PY	-.000126	-.000126	0	0
33	RAIL2	PY	-.000253	-.000253	0	0
34	RAIL3	PY	-.000253	-.000253	0	0
35	RCORNER1	PY	-.000347	-.000347	0	0
36	RCORNER2	PY	-.000347	-.000347	0	0
37	RCORNER3	PY	-.000347	-.000347	0	0
38	RPL1	PY	-.000833	-.000833	0	0
39	RPL2	PY	-.000833	-.000833	0	0
40	RPL3	PY	-.000833	-.000833	0	0
41	RPL4	PY	-.000833	-.000833	0	0
42	RPL5	PY	-.000833	-.000833	0	0
43	RPL6	PY	-.000833	-.000833	0	0
44	RUNG1	PY	-5.3e-5	-5.3e-5	0	0
45	RUNG2	PY	-5.3e-5	-5.3e-5	0	0
46	RUNG3	PY	-5.3e-5	-5.3e-5	0	0
47	RUNG4	PY	-5.3e-5	-5.3e-5	0	0
48	RUNG5	PY	-5.3e-5	-5.3e-5	0	0
49	RUNG6	PY	-5.3e-5	-5.3e-5	0	0
50	RUNG7	PY	-5.3e-5	-5.3e-5	0	0
51	RUNG8	PY	-5.3e-5	-5.3e-5	0	0
52	SO1	PY	-.00026	-.00026	0	0
53	SO2	PY	-.00026	-.00026	0	0
54	SO3	PY	-.00026	-.00026	0	0
55	CR1	PX	.000401	.000401	0	0
56	CR2	PX	.000401	.000401	0	0
57	CR3	PX	.000401	.000401	0	0
58	FACE1	PX	.000401	.000401	0	0
59	FACE1A	PX	.000401	.000401	0	0
60	FACE1B	PX	.000401	.000401	0	0
61	FACE2	PX	.000801	.000801	0	0
62	FACE2A	PX	.000801	.000801	0	0
63	FACE2B	PX	.000801	.000801	0	0
64	FACE3	PX	.000801	.000801	0	0
65	FACE3A	PX	.000801	.000801	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F,...	Start Location[ft,%]	End Location[ft,%]
66	FACE3B	PX	.000801	.000801	0	0
67	LADDER1	PX	.0002	.0002	0	0
68	LADDER2	PX	.0002	.0002	0	0
69	LSUPP1	PX	.000401	.000401	0	0
70	LSUPP2	PX	.000401	.000401	0	0
71	MP ALPHA1	PX	.000228	.000228	0	0
72	MP ALPHA2	PX	.000228	.000228	0	0
73	MP BETA1	PX	.000228	.000228	0	0
74	MP BETA2	PX	.000228	.000228	0	0
75	MP GAMMA1	PX	.000228	.000228	0	0
76	MP GAMMA2	PX	.000228	.000228	0	0
77	PL1	PX	3e-5	3e-5	0	0
78	PL2	PX	3e-5	3e-5	0	0
79	PL3	PX	3e-5	3e-5	0	0
80	PL4	PX	3e-5	3e-5	0	0
81	PL5	PX	3e-5	3e-5	0	0
82	PL6	PX	3e-5	3e-5	0	0
83	PLANGLE1	PX	.000401	.000401	0	0
84	PLANGLE2	PX	.000401	.000401	0	0
85	PLANGLE3	PX	.000401	.000401	0	0
86	RAIL1	PX	7.3e-5	7.3e-5	0	0
87	RAIL2	PX	.000146	.000146	0	0
88	RAIL3	PX	.000146	.000146	0	0
89	RCORNER1	PX	.0002	.0002	0	0
90	RCORNER2	PX	.0002	.0002	0	0
91	RCORNER3	PX	.0002	.0002	0	0
92	RPL1	PX	.000481	.000481	0	0
93	RPL2	PX	.000481	.000481	0	0
94	RPL3	PX	.000481	.000481	0	0
95	RPL4	PX	.000481	.000481	0	0
96	RPL5	PX	.000481	.000481	0	0
97	RPL6	PX	.000481	.000481	0	0
98	RUNG1	PX	3.1e-5	3.1e-5	0	0
99	RUNG2	PX	3.1e-5	3.1e-5	0	0
100	RUNG3	PX	3.1e-5	3.1e-5	0	0
101	RUNG4	PX	3.1e-5	3.1e-5	0	0
102	RUNG5	PX	3.1e-5	3.1e-5	0	0
103	RUNG6	PX	3.1e-5	3.1e-5	0	0
104	RUNG7	PX	3.1e-5	3.1e-5	0	0
105	RUNG8	PX	3.1e-5	3.1e-5	0	0
106	SO1	PX	.00015	.00015	0	0
107	SO2	PX	.00015	.00015	0	0
108	SO3	PX	.00015	.00015	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	CR1	Z	-.016	-.016	0	0
2	CR2	Z	-.016	-.016	0	0
3	CR3	Z	-.016	-.016	0	0
4	FACE1	Z	-.016	-.016	0	0
5	FACE1A	Z	-.016	-.016	0	0
6	FACE1B	Z	-.016	-.016	0	0
7	FACE2	Z	-.016	-.016	0	0
8	FACE2A	Z	-.016	-.016	0	0
9	FACE2B	Z	-.016	-.016	0	0
10	FACE3	Z	-.016	-.016	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,%]
11	FACE3A	Z	-.016	-.016	0	0
12	FACE3B	Z	-.016	-.016	0	0
13	LADDER1	Z	-.011	-.011	0	0
14	LADDER2	Z	-.011	-.011	0	0
15	LSUPP1	Z	-.016	-.016	0	0
16	LSUPP2	Z	-.016	-.016	0	0
17	MP ALPHA1	Z	-.008	-.008	0	0
18	MP ALPHA2	Z	-.008	-.008	0	0
19	MP BETA1	Z	-.008	-.008	0	0
20	MP BETA2	Z	-.008	-.008	0	0
21	MP GAMMA1	Z	-.008	-.008	0	0
22	MP GAMMA2	Z	-.008	-.008	0	0
23	PL1	Z	-.013	-.013	0	0
24	PL2	Z	-.013	-.013	0	0
25	PL3	Z	-.013	-.013	0	0
26	PL4	Z	-.013	-.013	0	0
27	PL5	Z	-.013	-.013	0	0
28	PL6	Z	-.013	-.013	0	0
29	PLANGLE1	Z	-.017	-.017	0	0
30	PLANGLE2	Z	-.017	-.017	0	0
31	PLANGLE3	Z	-.017	-.017	0	0
32	RAIL1	Z	-.008	-.008	0	0
33	RAIL2	Z	-.008	-.008	0	0
34	RAIL3	Z	-.008	-.008	0	0
35	RCORNER1	Z	-.011	-.011	0	0
36	RCORNER2	Z	-.011	-.011	0	0
37	RCORNER3	Z	-.011	-.011	0	0
38	RPL1	Z	-.013	-.013	0	0
39	RPL2	Z	-.013	-.013	0	0
40	RPL3	Z	-.013	-.013	0	0
41	RPL4	Z	-.013	-.013	0	0
42	RPL5	Z	-.013	-.013	0	0
43	RPL6	Z	-.013	-.013	0	0
44	RUNG1	Z	-.005	-.005	0	0
45	RUNG2	Z	-.005	-.005	0	0
46	RUNG3	Z	-.005	-.005	0	0
47	RUNG4	Z	-.005	-.005	0	0
48	RUNG5	Z	-.005	-.005	0	0
49	RUNG6	Z	-.005	-.005	0	0
50	RUNG7	Z	-.005	-.005	0	0
51	RUNG8	Z	-.005	-.005	0	0
52	SO1	Z	-.012	-.012	0	0
53	SO2	Z	-.012	-.012	0	0
54	SO3	Z	-.012	-.012	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,%]
1	CR1	PY	-.003	-.003	0	0
2	CR2	PY	-.003	-.003	0	0
3	CR3	PY	-.003	-.003	0	0
4	FACE1	PY	-.003	-.003	0	0
5	FACE1A	PY	-.003	-.003	0	0
6	FACE1B	PY	-.003	-.003	0	0
7	FACE2	PY	-.006	-.006	0	0
8	FACE2A	PY	-.006	-.006	0	0
9	FACE2B	PY	-.006	-.006	0	0

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,%]
10	FACE3	PY	-.006	-.006	0	0
11	FACE3A	PY	-.006	-.006	0	0
12	FACE3B	PY	-.006	-.006	0	0
13	LADDER1	PY	-.002	-.002	0	0
14	LADDER2	PY	-.002	-.002	0	0
15	LSUPP1	PY	-.003	-.003	0	0
16	LSUPP2	PY	-.003	-.003	0	0
17	MP ALPHA1	PY	-.003	-.003	0	0
18	MP ALPHA2	PY	-.003	-.003	0	0
19	MP BETA1	PY	-.003	-.003	0	0
20	MP BETA2	PY	-.003	-.003	0	0
21	MP GAMMA1	PY	-.003	-.003	0	0
22	MP GAMMA2	PY	-.003	-.003	0	0
23	PL1	PY	-.001	-.001	0	0
24	PL2	PY	-.001	-.001	0	0
25	PL3	PY	-.001	-.001	0	0
26	PL4	PY	-.001	-.001	0	0
27	PL5	PY	-.001	-.001	0	0
28	PL6	PY	-.001	-.001	0	0
29	PLANGLE1	PY	-.003	-.003	0	0
30	PLANGLE2	PY	-.003	-.003	0	0
31	PLANGLE3	PY	-.003	-.003	0	0
32	RAIL1	PY	-.001	-.001	0	0
33	RAIL2	PY	-.002	-.002	0	0
34	RAIL3	PY	-.002	-.002	0	0
35	RCORNER1	PY	-.002	-.002	0	0
36	RCORNER2	PY	-.002	-.002	0	0
37	RCORNER3	PY	-.002	-.002	0	0
38	RPL1	PY	-.003	-.003	0	0
39	RPL2	PY	-.003	-.003	0	0
40	RPL3	PY	-.003	-.003	0	0
41	RPL4	PY	-.003	-.003	0	0
42	RPL5	PY	-.003	-.003	0	0
43	RPL6	PY	-.003	-.003	0	0
44	RUNG1	PY	-.000937	-.000937	0	0
45	RUNG2	PY	-.000937	-.000937	0	0
46	RUNG3	PY	-.000937	-.000937	0	0
47	RUNG4	PY	-.000937	-.000937	0	0
48	RUNG5	PY	-.000937	-.000937	0	0
49	RUNG6	PY	-.000937	-.000937	0	0
50	RUNG7	PY	-.000937	-.000937	0	0
51	RUNG8	PY	-.000937	-.000937	0	0
52	SO1	PY	-.001	-.001	0	0
53	SO2	PY	-.001	-.001	0	0
54	SO3	PY	-.001	-.001	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	CR1	PY	-.003	-.003	0	0
2	CR2	PY	-.003	-.003	0	0
3	CR3	PY	-.003	-.003	0	0
4	FACE1	PY	-.003	-.003	0	0
5	FACE1A	PY	-.003	-.003	0	0
6	FACE1B	PY	-.003	-.003	0	0
7	FACE2	PY	-.005	-.005	0	0
8	FACE2A	PY	-.005	-.005	0	0

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,%]
9	FACE2B	PY	-.005	-.005	0	0
10	FACE3	PY	-.005	-.005	0	0
11	FACE3A	PY	-.005	-.005	0	0
12	FACE3B	PY	-.005	-.005	0	0
13	LADDER1	PY	-.002	-.002	0	0
14	LADDER2	PY	-.002	-.002	0	0
15	LSUPP1	PY	-.003	-.003	0	0
16	LSUPP2	PY	-.003	-.003	0	0
17	MP ALPHA1	PY	-.002	-.002	0	0
18	MP ALPHA2	PY	-.002	-.002	0	0
19	MP BETA1	PY	-.002	-.002	0	0
20	MP BETA2	PY	-.002	-.002	0	0
21	MP GAMMA1	PY	-.002	-.002	0	0
22	MP GAMMA2	PY	-.002	-.002	0	0
23	PL1	PY	-.001	-.001	0	0
24	PL2	PY	-.001	-.001	0	0
25	PL3	PY	-.001	-.001	0	0
26	PL4	PY	-.001	-.001	0	0
27	PL5	PY	-.001	-.001	0	0
28	PL6	PY	-.001	-.001	0	0
29	PLANGLE1	PY	-.003	-.003	0	0
30	PLANGLE2	PY	-.003	-.003	0	0
31	PLANGLE3	PY	-.003	-.003	0	0
32	RAIL1	PY	-.001	-.001	0	0
33	RAIL2	PY	-.002	-.002	0	0
34	RAIL3	PY	-.002	-.002	0	0
35	RCORNER1	PY	-.002	-.002	0	0
36	RCORNER2	PY	-.002	-.002	0	0
37	RCORNER3	PY	-.002	-.002	0	0
38	RPL1	PY	-.003	-.003	0	0
39	RPL2	PY	-.003	-.003	0	0
40	RPL3	PY	-.003	-.003	0	0
41	RPL4	PY	-.003	-.003	0	0
42	RPL5	PY	-.003	-.003	0	0
43	RPL6	PY	-.003	-.003	0	0
44	RUNG1	PY	-.000811	-.000811	0	0
45	RUNG2	PY	-.000811	-.000811	0	0
46	RUNG3	PY	-.000811	-.000811	0	0
47	RUNG4	PY	-.000811	-.000811	0	0
48	RUNG5	PY	-.000811	-.000811	0	0
49	RUNG6	PY	-.000811	-.000811	0	0
50	RUNG7	PY	-.000811	-.000811	0	0
51	RUNG8	PY	-.000811	-.000811	0	0
52	SO1	PY	-.001	-.001	0	0
53	SO2	PY	-.001	-.001	0	0
54	SO3	PY	-.001	-.001	0	0
55	CR1	PX	-.001	-.001	0	0
56	CR2	PX	-.001	-.001	0	0
57	CR3	PX	-.001	-.001	0	0
58	FACE1	PX	-.001	-.001	0	0
59	FACE1A	PX	-.001	-.001	0	0
60	FACE1B	PX	-.001	-.001	0	0
61	FACE2	PX	-.003	-.003	0	0
62	FACE2A	PX	-.003	-.003	0	0
63	FACE2B	PX	-.003	-.003	0	0
64	FACE3	PX	-.003	-.003	0	0
65	FACE3A	PX	-.003	-.003	0	0

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,%]
66	FACE3B	PX	-.003	-.003	0	0
67	LADDER1	PX	-.001	-.001	0	0
68	LADDER2	PX	-.001	-.001	0	0
69	LSUPP1	PX	-.001	-.001	0	0
70	LSUPP2	PX	-.001	-.001	0	0
71	MP ALPHA1	PX	-.001	-.001	0	0
72	MP ALPHA2	PX	-.001	-.001	0	0
73	MP BETA1	PX	-.001	-.001	0	0
74	MP BETA2	PX	-.001	-.001	0	0
75	MP GAMMA1	PX	-.001	-.001	0	0
76	MP GAMMA2	PX	-.001	-.001	0	0
77	PL1	PX	-.000668	-.000668	0	0
78	PL2	PX	-.000668	-.000668	0	0
79	PL3	PX	-.000668	-.000668	0	0
80	PL4	PX	-.000668	-.000668	0	0
81	PL5	PX	-.000668	-.000668	0	0
82	PL6	PX	-.000668	-.000668	0	0
83	PLANGLE1	PX	-.001	-.001	0	0
84	PLANGLE2	PX	-.001	-.001	0	0
85	PLANGLE3	PX	-.001	-.001	0	0
86	RAIL1	PX	-.000616	-.000616	0	0
87	RAIL2	PX	-.001	-.001	0	0
88	RAIL3	PX	-.001	-.001	0	0
89	RCORNER1	PX	-.001	-.001	0	0
90	RCORNER2	PX	-.001	-.001	0	0
91	RCORNER3	PX	-.001	-.001	0	0
92	RPL1	PX	-.002	-.002	0	0
93	RPL2	PX	-.002	-.002	0	0
94	RPL3	PX	-.002	-.002	0	0
95	RPL4	PX	-.002	-.002	0	0
96	RPL5	PX	-.002	-.002	0	0
97	RPL6	PX	-.002	-.002	0	0
98	RUNG1	PX	-.000468	-.000468	0	0
99	RUNG2	PX	-.000468	-.000468	0	0
100	RUNG3	PX	-.000468	-.000468	0	0
101	RUNG4	PX	-.000468	-.000468	0	0
102	RUNG5	PX	-.000468	-.000468	0	0
103	RUNG6	PX	-.000468	-.000468	0	0
104	RUNG7	PX	-.000468	-.000468	0	0
105	RUNG8	PX	-.000468	-.000468	0	0
106	SO1	PX	-.000712	-.000712	0	0
107	SO2	PX	-.000712	-.000712	0	0
108	SO3	PX	-.000712	-.000712	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	CR1	PY	-.001	-.001	0	0
2	CR2	PY	-.001	-.001	0	0
3	CR3	PY	-.001	-.001	0	0
4	FACE1	PY	-.001	-.001	0	0
5	FACE1A	PY	-.001	-.001	0	0
6	FACE1B	PY	-.001	-.001	0	0
7	FACE2	PY	-.003	-.003	0	0
8	FACE2A	PY	-.003	-.003	0	0
9	FACE2B	PY	-.003	-.003	0	0
10	FACE3	PY	-.003	-.003	0	0

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	FACE3A	PY	-.003	-.003	0	0
12	FACE3B	PY	-.003	-.003	0	0
13	LADDER1	PY	-.001	-.001	0	0
14	LADDER2	PY	-.001	-.001	0	0
15	LSUPP1	PY	-.001	-.001	0	0
16	LSUPP2	PY	-.001	-.001	0	0
17	MP ALPHA1	PY	-.001	-.001	0	0
18	MP ALPHA2	PY	-.001	-.001	0	0
19	MP BETA1	PY	-.001	-.001	0	0
20	MP BETA2	PY	-.001	-.001	0	0
21	MP GAMMA1	PY	-.001	-.001	0	0
22	MP GAMMA2	PY	-.001	-.001	0	0
23	PL1	PY	-.000668	-.000668	0	0
24	PL2	PY	-.000668	-.000668	0	0
25	PL3	PY	-.000668	-.000668	0	0
26	PL4	PY	-.000668	-.000668	0	0
27	PL5	PY	-.000668	-.000668	0	0
28	PL6	PY	-.000668	-.000668	0	0
29	PLANGLE1	PY	-.001	-.001	0	0
30	PLANGLE2	PY	-.001	-.001	0	0
31	PLANGLE3	PY	-.001	-.001	0	0
32	RAIL1	PY	-.000616	-.000616	0	0
33	RAIL2	PY	-.001	-.001	0	0
34	RAIL3	PY	-.001	-.001	0	0
35	RCORNER1	PY	-.001	-.001	0	0
36	RCORNER2	PY	-.001	-.001	0	0
37	RCORNER3	PY	-.001	-.001	0	0
38	RPL1	PY	-.002	-.002	0	0
39	RPL2	PY	-.002	-.002	0	0
40	RPL3	PY	-.002	-.002	0	0
41	RPL4	PY	-.002	-.002	0	0
42	RPL5	PY	-.002	-.002	0	0
43	RPL6	PY	-.002	-.002	0	0
44	RUNG1	PY	-.000468	-.000468	0	0
45	RUNG2	PY	-.000468	-.000468	0	0
46	RUNG3	PY	-.000468	-.000468	0	0
47	RUNG4	PY	-.000468	-.000468	0	0
48	RUNG5	PY	-.000468	-.000468	0	0
49	RUNG6	PY	-.000468	-.000468	0	0
50	RUNG7	PY	-.000468	-.000468	0	0
51	RUNG8	PY	-.000468	-.000468	0	0
52	SO1	PY	-.000712	-.000712	0	0
53	SO2	PY	-.000712	-.000712	0	0
54	SO3	PY	-.000712	-.000712	0	0
55	CR1	PX	-.003	-.003	0	0
56	CR2	PX	-.003	-.003	0	0
57	CR3	PX	-.003	-.003	0	0
58	FACE1	PX	-.003	-.003	0	0
59	FACE1A	PX	-.003	-.003	0	0
60	FACE1B	PX	-.003	-.003	0	0
61	FACE2	PX	-.005	-.005	0	0
62	FACE2A	PX	-.005	-.005	0	0
63	FACE2B	PX	-.005	-.005	0	0
64	FACE3	PX	-.005	-.005	0	0
65	FACE3A	PX	-.005	-.005	0	0
66	FACE3B	PX	-.005	-.005	0	0
67	LADDER1	PX	-.002	-.002	0	0

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	LADDER2	PX	-.002	-.002	0	0
69	LSUPP1	PX	-.003	-.003	0	0
70	LSUPP2	PX	-.003	-.003	0	0
71	MP ALPHA1	PX	-.002	-.002	0	0
72	MP ALPHA2	PX	-.002	-.002	0	0
73	MP BETA1	PX	-.002	-.002	0	0
74	MP BETA2	PX	-.002	-.002	0	0
75	MP GAMMA1	PX	-.002	-.002	0	0
76	MP GAMMA2	PX	-.002	-.002	0	0
77	PL1	PX	-.001	-.001	0	0
78	PL2	PX	-.001	-.001	0	0
79	PL3	PX	-.001	-.001	0	0
80	PL4	PX	-.001	-.001	0	0
81	PL5	PX	-.001	-.001	0	0
82	PL6	PX	-.001	-.001	0	0
83	PLANGLE1	PX	-.003	-.003	0	0
84	PLANGLE2	PX	-.003	-.003	0	0
85	PLANGLE3	PX	-.003	-.003	0	0
86	RAIL1	PX	-.001	-.001	0	0
87	RAIL2	PX	-.002	-.002	0	0
88	RAIL3	PX	-.002	-.002	0	0
89	RCORNER1	PX	-.002	-.002	0	0
90	RCORNER2	PX	-.002	-.002	0	0
91	RCORNER3	PX	-.002	-.002	0	0
92	RPL1	PX	-.003	-.003	0	0
93	RPL2	PX	-.003	-.003	0	0
94	RPL3	PX	-.003	-.003	0	0
95	RPL4	PX	-.003	-.003	0	0
96	RPL5	PX	-.003	-.003	0	0
97	RPL6	PX	-.003	-.003	0	0
98	RUNG1	PX	-.000811	-.000811	0	0
99	RUNG2	PX	-.000811	-.000811	0	0
100	RUNG3	PX	-.000811	-.000811	0	0
101	RUNG4	PX	-.000811	-.000811	0	0
102	RUNG5	PX	-.000811	-.000811	0	0
103	RUNG6	PX	-.000811	-.000811	0	0
104	RUNG7	PX	-.000811	-.000811	0	0
105	RUNG8	PX	-.000811	-.000811	0	0
106	SO1	PX	-.001	-.001	0	0
107	SO2	PX	-.001	-.001	0	0
108	SO3	PX	-.001	-.001	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	CR1	PX	-.003	-.003	0	0
2	CR2	PX	-.003	-.003	0	0
3	CR3	PX	-.003	-.003	0	0
4	FACE2	PX	-.003	-.003	0	0
5	FACE2A	PX	-.003	-.003	0	0
6	FACE2B	PX	-.003	-.003	0	0
7	FACE3	PX	-.006	-.006	0	0
8	FACE3A	PX	-.006	-.006	0	0
9	FACE3B	PX	-.006	-.006	0	0
10	FACE1	PX	-.006	-.006	0	0
11	FACE1A	PX	-.006	-.006	0	0
12	FACE1B	PX	-.006	-.006	0	0

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,%]
13	LADDER1	PX	-.002	-.002	0	0
14	LADDER2	PX	-.002	-.002	0	0
15	LSUPP1	PX	-.003	-.003	0	0
16	LSUPP2	PX	-.003	-.003	0	0
17	MP ALPHA1	PX	-.003	-.003	0	0
18	MP ALPHA2	PX	-.003	-.003	0	0
19	MP BETA1	PX	-.003	-.003	0	0
20	MP BETA2	PX	-.003	-.003	0	0
21	MP GAMMA1	PX	-.003	-.003	0	0
22	MP GAMMA2	PX	-.003	-.003	0	0
23	PL1	PX	-.001	-.001	0	0
24	PL2	PX	-.001	-.001	0	0
25	PL3	PX	-.001	-.001	0	0
26	PL4	PX	-.001	-.001	0	0
27	PL5	PX	-.001	-.001	0	0
28	PL6	PX	-.001	-.001	0	0
29	PLANGLE1	PX	-.003	-.003	0	0
30	PLANGLE2	PX	-.003	-.003	0	0
31	PLANGLE3	PX	-.003	-.003	0	0
32	RAIL2	PX	-.001	-.001	0	0
33	RAIL1	PX	-.002	-.002	0	0
34	RAIL3	PX	-.002	-.002	0	0
35	RCORNER1	PX	-.002	-.002	0	0
36	RCORNER2	PX	-.002	-.002	0	0
37	RCORNER3	PX	-.002	-.002	0	0
38	RPL1	PX	-.003	-.003	0	0
39	RPL2	PX	-.003	-.003	0	0
40	RPL3	PX	-.003	-.003	0	0
41	RPL4	PX	-.003	-.003	0	0
42	RPL5	PX	-.003	-.003	0	0
43	RPL6	PX	-.003	-.003	0	0
44	RUNG1	PX	-.000937	-.000937	0	0
45	RUNG2	PX	-.000937	-.000937	0	0
46	RUNG3	PX	-.000937	-.000937	0	0
47	RUNG4	PX	-.000937	-.000937	0	0
48	RUNG5	PX	-.000937	-.000937	0	0
49	RUNG6	PX	-.000937	-.000937	0	0
50	RUNG7	PX	-.000937	-.000937	0	0
51	RUNG8	PX	-.000937	-.000937	0	0
52	SO1	PX	-.001	-.001	0	0
53	SO2	PX	-.001	-.001	0	0
54	SO3	PX	-.001	-.001	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	CR1	PY	.001	.001	0	0
2	CR2	PY	.001	.001	0	0
3	CR3	PY	.001	.001	0	0
4	FACE2	PY	.001	.001	0	0
5	FACE2A	PY	.001	.001	0	0
6	FACE2B	PY	.001	.001	0	0
7	FACE3	PY	.003	.003	0	0
8	FACE3A	PY	.003	.003	0	0
9	FACE3B	PY	.003	.003	0	0
10	FACE1	PY	.003	.003	0	0
11	FACE1A	PY	.003	.003	0	0

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,%]
12	FACE1B	PY	.003	.003	0	0
13	LADDER1	PY	.001	.001	0	0
14	LADDER2	PY	.001	.001	0	0
15	LSUPP1	PY	.001	.001	0	0
16	LSUPP2	PY	.001	.001	0	0
17	MP ALPHA1	PY	.001	.001	0	0
18	MP ALPHA2	PY	.001	.001	0	0
19	MP BETA1	PY	.001	.001	0	0
20	MP BETA2	PY	.001	.001	0	0
21	MP GAMMA1	PY	.001	.001	0	0
22	MP GAMMA2	PY	.001	.001	0	0
23	PL1	PY	.000668	.000668	0	0
24	PL2	PY	.000668	.000668	0	0
25	PL3	PY	.000668	.000668	0	0
26	PL4	PY	.000668	.000668	0	0
27	PL5	PY	.000668	.000668	0	0
28	PL6	PY	.000668	.000668	0	0
29	PLANGLE1	PY	.001	.001	0	0
30	PLANGLE2	PY	.001	.001	0	0
31	PLANGLE3	PY	.001	.001	0	0
32	RAIL2	PY	.000616	.000616	0	0
33	RAIL1	PY	.001	.001	0	0
34	RAIL3	PY	.001	.001	0	0
35	RCORNER1	PY	.001	.001	0	0
36	RCORNER2	PY	.001	.001	0	0
37	RCORNER3	PY	.001	.001	0	0
38	RPL1	PY	.002	.002	0	0
39	RPL2	PY	.002	.002	0	0
40	RPL3	PY	.002	.002	0	0
41	RPL4	PY	.002	.002	0	0
42	RPL5	PY	.002	.002	0	0
43	RPL6	PY	.002	.002	0	0
44	RUNG1	PY	.000468	.000468	0	0
45	RUNG2	PY	.000468	.000468	0	0
46	RUNG3	PY	.000468	.000468	0	0
47	RUNG4	PY	.000468	.000468	0	0
48	RUNG5	PY	.000468	.000468	0	0
49	RUNG6	PY	.000468	.000468	0	0
50	RUNG7	PY	.000468	.000468	0	0
51	RUNG8	PY	.000468	.000468	0	0
52	SO1	PY	.000712	.000712	0	0
53	SO2	PY	.000712	.000712	0	0
54	SO3	PY	.000712	.000712	0	0
55	CR1	PX	-.003	-.003	0	0
56	CR2	PX	-.003	-.003	0	0
57	CR3	PX	-.003	-.003	0	0
58	FACE2	PX	-.003	-.003	0	0
59	FACE2A	PX	-.003	-.003	0	0
60	FACE2B	PX	-.003	-.003	0	0
61	FACE3	PX	-.005	-.005	0	0
62	FACE3A	PX	-.005	-.005	0	0
63	FACE3B	PX	-.005	-.005	0	0
64	FACE1	PX	-.005	-.005	0	0
65	FACE1A	PX	-.005	-.005	0	0
66	FACE1B	PX	-.005	-.005	0	0
67	LADDER1	PX	-.002	-.002	0	0
68	LADDER2	PX	-.002	-.002	0	0

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,%]
69	LSUPP1	PX	-.003	-.003	0	0
70	LSUPP2	PX	-.003	-.003	0	0
71	MP ALPHA1	PX	-.002	-.002	0	0
72	MP ALPHA2	PX	-.002	-.002	0	0
73	MP BETA1	PX	-.002	-.002	0	0
74	MP BETA2	PX	-.002	-.002	0	0
75	MP GAMMA1	PX	-.002	-.002	0	0
76	MP GAMMA2	PX	-.002	-.002	0	0
77	PL1	PX	-.001	-.001	0	0
78	PL2	PX	-.001	-.001	0	0
79	PL3	PX	-.001	-.001	0	0
80	PL4	PX	-.001	-.001	0	0
81	PL5	PX	-.001	-.001	0	0
82	PL6	PX	-.001	-.001	0	0
83	PLANGLE1	PX	-.003	-.003	0	0
84	PLANGLE2	PX	-.003	-.003	0	0
85	PLANGLE3	PX	-.003	-.003	0	0
86	RAIL2	PX	-.001	-.001	0	0
87	RAIL1	PX	-.002	-.002	0	0
88	RAIL3	PX	-.002	-.002	0	0
89	RCORNER1	PX	-.002	-.002	0	0
90	RCORNER2	PX	-.002	-.002	0	0
91	RCORNER3	PX	-.002	-.002	0	0
92	RPL1	PX	-.003	-.003	0	0
93	RPL2	PX	-.003	-.003	0	0
94	RPL3	PX	-.003	-.003	0	0
95	RPL4	PX	-.003	-.003	0	0
96	RPL5	PX	-.003	-.003	0	0
97	RPL6	PX	-.003	-.003	0	0
98	RUNG1	PX	-.000811	-.000811	0	0
99	RUNG2	PX	-.000811	-.000811	0	0
100	RUNG3	PX	-.000811	-.000811	0	0
101	RUNG4	PX	-.000811	-.000811	0	0
102	RUNG5	PX	-.000811	-.000811	0	0
103	RUNG6	PX	-.000811	-.000811	0	0
104	RUNG7	PX	-.000811	-.000811	0	0
105	RUNG8	PX	-.000811	-.000811	0	0
106	SO1	PX	-.001	-.001	0	0
107	SO2	PX	-.001	-.001	0	0
108	SO3	PX	-.001	-.001	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	CR1	PY	.003	.003	0	0
2	CR2	PY	.003	.003	0	0
3	CR3	PY	.003	.003	0	0
4	FACE2	PY	.003	.003	0	0
5	FACE2A	PY	.003	.003	0	0
6	FACE2B	PY	.003	.003	0	0
7	FACE3	PY	.005	.005	0	0
8	FACE3A	PY	.005	.005	0	0
9	FACE3B	PY	.005	.005	0	0
10	FACE1	PY	.005	.005	0	0
11	FACE1A	PY	.005	.005	0	0
12	FACE1B	PY	.005	.005	0	0
13	LADDER1	PY	.002	.002	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,%]
14	LADDER2	PY	.002	.002	0	0
15	LSUPP1	PY	.003	.003	0	0
16	LSUPP2	PY	.003	.003	0	0
17	MP ALPHA1	PY	.002	.002	0	0
18	MP ALPHA2	PY	.002	.002	0	0
19	MP BETA1	PY	.002	.002	0	0
20	MP BETA2	PY	.002	.002	0	0
21	MP GAMMA1	PY	.002	.002	0	0
22	MP GAMMA2	PY	.002	.002	0	0
23	PL1	PY	.001	.001	0	0
24	PL2	PY	.001	.001	0	0
25	PL3	PY	.001	.001	0	0
26	PL4	PY	.001	.001	0	0
27	PL5	PY	.001	.001	0	0
28	PL6	PY	.001	.001	0	0
29	PLANGLE1	PY	.003	.003	0	0
30	PLANGLE2	PY	.003	.003	0	0
31	PLANGLE3	PY	.003	.003	0	0
32	RAIL2	PY	.001	.001	0	0
33	RAIL1	PY	.002	.002	0	0
34	RAIL3	PY	.002	.002	0	0
35	RCORNER1	PY	.002	.002	0	0
36	RCORNER2	PY	.002	.002	0	0
37	RCORNER3	PY	.002	.002	0	0
38	RPL1	PY	.003	.003	0	0
39	RPL2	PY	.003	.003	0	0
40	RPL3	PY	.003	.003	0	0
41	RPL4	PY	.003	.003	0	0
42	RPL5	PY	.003	.003	0	0
43	RPL6	PY	.003	.003	0	0
44	RUNG1	PY	.000811	.000811	0	0
45	RUNG2	PY	.000811	.000811	0	0
46	RUNG3	PY	.000811	.000811	0	0
47	RUNG4	PY	.000811	.000811	0	0
48	RUNG5	PY	.000811	.000811	0	0
49	RUNG6	PY	.000811	.000811	0	0
50	RUNG7	PY	.000811	.000811	0	0
51	RUNG8	PY	.000811	.000811	0	0
52	SO1	PY	.001	.001	0	0
53	SO2	PY	.001	.001	0	0
54	SO3	PY	.001	.001	0	0
55	CR1	PX	-.001	-.001	0	0
56	CR2	PX	-.001	-.001	0	0
57	CR3	PX	-.001	-.001	0	0
58	FACE2	PX	-.001	-.001	0	0
59	FACE2A	PX	-.001	-.001	0	0
60	FACE2B	PX	-.001	-.001	0	0
61	FACE3	PX	-.003	-.003	0	0
62	FACE3A	PX	-.003	-.003	0	0
63	FACE3B	PX	-.003	-.003	0	0
64	FACE1	PX	-.003	-.003	0	0
65	FACE1A	PX	-.003	-.003	0	0
66	FACE1B	PX	-.003	-.003	0	0
67	LADDER1	PX	-.001	-.001	0	0
68	LADDER2	PX	-.001	-.001	0	0
69	LSUPP1	PX	-.001	-.001	0	0
70	LSUPP2	PX	-.001	-.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,%]
71	MP ALPHA1	PX	-.001	-.001	0	0
72	MP ALPHA2	PX	-.001	-.001	0	0
73	MP BETA1	PX	-.001	-.001	0	0
74	MP BETA2	PX	-.001	-.001	0	0
75	MP GAMMA1	PX	-.001	-.001	0	0
76	MP GAMMA2	PX	-.001	-.001	0	0
77	PL1	PX	-.000668	-.000668	0	0
78	PL2	PX	-.000668	-.000668	0	0
79	PL3	PX	-.000668	-.000668	0	0
80	PL4	PX	-.000668	-.000668	0	0
81	PL5	PX	-.000668	-.000668	0	0
82	PL6	PX	-.000668	-.000668	0	0
83	PLANGLE1	PX	-.001	-.001	0	0
84	PLANGLE2	PX	-.001	-.001	0	0
85	PLANGLE3	PX	-.001	-.001	0	0
86	RAIL2	PX	-.000616	-.000616	0	0
87	RAIL1	PX	-.001	-.001	0	0
88	RAIL3	PX	-.001	-.001	0	0
89	RCORNER1	PX	-.001	-.001	0	0
90	RCORNER2	PX	-.001	-.001	0	0
91	RCORNER3	PX	-.001	-.001	0	0
92	RPL1	PX	-.002	-.002	0	0
93	RPL2	PX	-.002	-.002	0	0
94	RPL3	PX	-.002	-.002	0	0
95	RPL4	PX	-.002	-.002	0	0
96	RPL5	PX	-.002	-.002	0	0
97	RPL6	PX	-.002	-.002	0	0
98	RUNG1	PX	-.000468	-.000468	0	0
99	RUNG2	PX	-.000468	-.000468	0	0
100	RUNG3	PX	-.000468	-.000468	0	0
101	RUNG4	PX	-.000468	-.000468	0	0
102	RUNG5	PX	-.000468	-.000468	0	0
103	RUNG6	PX	-.000468	-.000468	0	0
104	RUNG7	PX	-.000468	-.000468	0	0
105	RUNG8	PX	-.000468	-.000468	0	0
106	SO1	PX	-.000712	-.000712	0	0
107	SO2	PX	-.000712	-.000712	0	0
108	SO3	PX	-.000712	-.000712	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	CR1	PY	.003	.003	0	0
2	CR2	PY	.003	.003	0	0
3	CR3	PY	.003	.003	0	0
4	FACE2	PY	.003	.003	0	0
5	FACE2A	PY	.003	.003	0	0
6	FACE2B	PY	.003	.003	0	0
7	FACE3	PY	.006	.006	0	0
8	FACE3A	PY	.006	.006	0	0
9	FACE3B	PY	.006	.006	0	0
10	FACE1	PY	.006	.006	0	0
11	FACE1A	PY	.006	.006	0	0
12	FACE1B	PY	.006	.006	0	0
13	LADDER1	PY	.002	.002	0	0
14	LADDER2	PY	.002	.002	0	0
15	LSUPP1	PY	.003	.003	0	0

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,%]
16	LSUPP2	PY	.003	.003	0	0
17	MP ALPHA1	PY	.003	.003	0	0
18	MP ALPHA2	PY	.003	.003	0	0
19	MP BETA1	PY	.003	.003	0	0
20	MP BETA2	PY	.003	.003	0	0
21	MP GAMMA1	PY	.003	.003	0	0
22	MP GAMMA2	PY	.003	.003	0	0
23	PL1	PY	.001	.001	0	0
24	PL2	PY	.001	.001	0	0
25	PL3	PY	.001	.001	0	0
26	PL4	PY	.001	.001	0	0
27	PL5	PY	.001	.001	0	0
28	PL6	PY	.001	.001	0	0
29	PLANGLE1	PY	.003	.003	0	0
30	PLANGLE2	PY	.003	.003	0	0
31	PLANGLE3	PY	.003	.003	0	0
32	RAIL2	PY	.001	.001	0	0
33	RAIL1	PY	.002	.002	0	0
34	RAIL3	PY	.002	.002	0	0
35	RCORNER1	PY	.002	.002	0	0
36	RCORNER2	PY	.002	.002	0	0
37	RCORNER3	PY	.002	.002	0	0
38	RPL1	PY	.003	.003	0	0
39	RPL2	PY	.003	.003	0	0
40	RPL3	PY	.003	.003	0	0
41	RPL4	PY	.003	.003	0	0
42	RPL5	PY	.003	.003	0	0
43	RPL6	PY	.003	.003	0	0
44	RUNG1	PY	.000937	.000937	0	0
45	RUNG2	PY	.000937	.000937	0	0
46	RUNG3	PY	.000937	.000937	0	0
47	RUNG4	PY	.000937	.000937	0	0
48	RUNG5	PY	.000937	.000937	0	0
49	RUNG6	PY	.000937	.000937	0	0
50	RUNG7	PY	.000937	.000937	0	0
51	RUNG8	PY	.000937	.000937	0	0
52	SO1	PY	.001	.001	0	0
53	SO2	PY	.001	.001	0	0
54	SO3	PY	.001	.001	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,%]
1	CR1	PY	.003	.003	0	0
2	CR2	PY	.003	.003	0	0
3	CR3	PY	.003	.003	0	0
4	FACE3	PY	.003	.003	0	0
5	FACE3A	PY	.003	.003	0	0
6	FACE3B	PY	.003	.003	0	0
7	FACE1	PY	.005	.005	0	0
8	FACE1A	PY	.005	.005	0	0
9	FACE1B	PY	.005	.005	0	0
10	FACE2	PY	.005	.005	0	0
11	FACE2A	PY	.005	.005	0	0
12	FACE2B	PY	.005	.005	0	0
13	LADDER1	PY	.002	.002	0	0
14	LADDER2	PY	.002	.002	0	0

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,%]
15	LSUPP1	PY	.003	.003	0	0
16	LSUPP2	PY	.003	.003	0	0
17	MP ALPHA1	PY	.002	.002	0	0
18	MP ALPHA2	PY	.002	.002	0	0
19	MP BETA1	PY	.002	.002	0	0
20	MP BETA2	PY	.002	.002	0	0
21	MP GAMMA1	PY	.002	.002	0	0
22	MP GAMMA2	PY	.002	.002	0	0
23	PL1	PY	.001	.001	0	0
24	PL2	PY	.001	.001	0	0
25	PL3	PY	.001	.001	0	0
26	PL4	PY	.001	.001	0	0
27	PL5	PY	.001	.001	0	0
28	PL6	PY	.001	.001	0	0
29	PLANGLE1	PY	.003	.003	0	0
30	PLANGLE2	PY	.003	.003	0	0
31	PLANGLE3	PY	.003	.003	0	0
32	RAIL3	PY	.001	.001	0	0
33	RAIL2	PY	.002	.002	0	0
34	RAIL1	PY	.002	.002	0	0
35	RCORNER1	PY	.002	.002	0	0
36	RCORNER2	PY	.002	.002	0	0
37	RCORNER3	PY	.002	.002	0	0
38	RPL1	PY	.003	.003	0	0
39	RPL2	PY	.003	.003	0	0
40	RPL3	PY	.003	.003	0	0
41	RPL4	PY	.003	.003	0	0
42	RPL5	PY	.003	.003	0	0
43	RPL6	PY	.003	.003	0	0
44	RUNG1	PY	.000811	.000811	0	0
45	RUNG2	PY	.000811	.000811	0	0
46	RUNG3	PY	.000811	.000811	0	0
47	RUNG4	PY	.000811	.000811	0	0
48	RUNG5	PY	.000811	.000811	0	0
49	RUNG6	PY	.000811	.000811	0	0
50	RUNG7	PY	.000811	.000811	0	0
51	RUNG8	PY	.000811	.000811	0	0
52	SO1	PY	.001	.001	0	0
53	SO2	PY	.001	.001	0	0
54	SO3	PY	.001	.001	0	0
55	CR1	PX	.001	.001	0	0
56	CR2	PX	.001	.001	0	0
57	CR3	PX	.001	.001	0	0
58	FACE3	PX	.001	.001	0	0
59	FACE3A	PX	.001	.001	0	0
60	FACE3B	PX	.001	.001	0	0
61	FACE1	PX	.003	.003	0	0
62	FACE1A	PX	.003	.003	0	0
63	FACE1B	PX	.003	.003	0	0
64	FACE2	PX	.003	.003	0	0
65	FACE2A	PX	.003	.003	0	0
66	FACE2B	PX	.003	.003	0	0
67	LADDER1	PX	.001	.001	0	0
68	LADDER2	PX	.001	.001	0	0
69	LSUPP1	PX	.001	.001	0	0
70	LSUPP2	PX	.001	.001	0	0
71	MP ALPHA1	PX	.001	.001	0	0

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,%]
72	MP ALPHA2	PX	.001	.001	0	0
73	MP BETA1	PX	.001	.001	0	0
74	MP BETA2	PX	.001	.001	0	0
75	MP GAMMA1	PX	.001	.001	0	0
76	MP GAMMA2	PX	.001	.001	0	0
77	PL1	PX	.000668	.000668	0	0
78	PL2	PX	.000668	.000668	0	0
79	PL3	PX	.000668	.000668	0	0
80	PL4	PX	.000668	.000668	0	0
81	PL5	PX	.000668	.000668	0	0
82	PL6	PX	.000668	.000668	0	0
83	PLANGLE1	PX	.001	.001	0	0
84	PLANGLE2	PX	.001	.001	0	0
85	PLANGLE3	PX	.001	.001	0	0
86	RAIL3	PX	.000616	.000616	0	0
87	RAIL2	PX	.001	.001	0	0
88	RAIL1	PX	.001	.001	0	0
89	RCORNER1	PX	.001	.001	0	0
90	RCORNER2	PX	.001	.001	0	0
91	RCORNER3	PX	.001	.001	0	0
92	RPL1	PX	.002	.002	0	0
93	RPL2	PX	.002	.002	0	0
94	RPL3	PX	.002	.002	0	0
95	RPL4	PX	.002	.002	0	0
96	RPL5	PX	.002	.002	0	0
97	RPL6	PX	.002	.002	0	0
98	RUNG1	PX	.000468	.000468	0	0
99	RUNG2	PX	.000468	.000468	0	0
100	RUNG3	PX	.000468	.000468	0	0
101	RUNG4	PX	.000468	.000468	0	0
102	RUNG5	PX	.000468	.000468	0	0
103	RUNG6	PX	.000468	.000468	0	0
104	RUNG7	PX	.000468	.000468	0	0
105	RUNG8	PX	.000468	.000468	0	0
106	SO1	PX	.000712	.000712	0	0
107	SO2	PX	.000712	.000712	0	0
108	SO3	PX	.000712	.000712	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	CR1	PY	.001	.001	0	0
2	CR2	PY	.001	.001	0	0
3	CR3	PY	.001	.001	0	0
4	FACE3	PY	.001	.001	0	0
5	FACE3A	PY	.001	.001	0	0
6	FACE3B	PY	.001	.001	0	0
7	FACE1	PY	.003	.003	0	0
8	FACE1A	PY	.003	.003	0	0
9	FACE1B	PY	.003	.003	0	0
10	FACE2	PY	.003	.003	0	0
11	FACE2A	PY	.003	.003	0	0
12	FACE2B	PY	.003	.003	0	0
13	LADDER1	PY	.001	.001	0	0
14	LADDER2	PY	.001	.001	0	0
15	LSUPP1	PY	.001	.001	0	0
16	LSUPP2	PY	.001	.001	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,%]
17	MP ALPHA1	PY	.001	.001	0	0
18	MP ALPHA2	PY	.001	.001	0	0
19	MP BETA1	PY	.001	.001	0	0
20	MP BETA2	PY	.001	.001	0	0
21	MP GAMMA1	PY	.001	.001	0	0
22	MP GAMMA2	PY	.001	.001	0	0
23	PL1	PY	.000668	.000668	0	0
24	PL2	PY	.000668	.000668	0	0
25	PL3	PY	.000668	.000668	0	0
26	PL4	PY	.000668	.000668	0	0
27	PL5	PY	.000668	.000668	0	0
28	PL6	PY	.000668	.000668	0	0
29	PLANGLE1	PY	.001	.001	0	0
30	PLANGLE2	PY	.001	.001	0	0
31	PLANGLE3	PY	.001	.001	0	0
32	RAIL3	PY	.000616	.000616	0	0
33	RAIL2	PY	.001	.001	0	0
34	RAIL1	PY	.001	.001	0	0
35	RCORNER1	PY	.001	.001	0	0
36	RCORNER2	PY	.001	.001	0	0
37	RCORNER3	PY	.001	.001	0	0
38	RPL1	PY	.002	.002	0	0
39	RPL2	PY	.002	.002	0	0
40	RPL3	PY	.002	.002	0	0
41	RPL4	PY	.002	.002	0	0
42	RPL5	PY	.002	.002	0	0
43	RPL6	PY	.002	.002	0	0
44	RUNG1	PY	.000468	.000468	0	0
45	RUNG2	PY	.000468	.000468	0	0
46	RUNG3	PY	.000468	.000468	0	0
47	RUNG4	PY	.000468	.000468	0	0
48	RUNG5	PY	.000468	.000468	0	0
49	RUNG6	PY	.000468	.000468	0	0
50	RUNG7	PY	.000468	.000468	0	0
51	RUNG8	PY	.000468	.000468	0	0
52	SO1	PY	.000712	.000712	0	0
53	SO2	PY	.000712	.000712	0	0
54	SO3	PY	.000712	.000712	0	0
55	CR1	PX	.003	.003	0	0
56	CR2	PX	.003	.003	0	0
57	CR3	PX	.003	.003	0	0
58	FACE3	PX	.003	.003	0	0
59	FACE3A	PX	.003	.003	0	0
60	FACE3B	PX	.003	.003	0	0
61	FACE1	PX	.005	.005	0	0
62	FACE1A	PX	.005	.005	0	0
63	FACE1B	PX	.005	.005	0	0
64	FACE2	PX	.005	.005	0	0
65	FACE2A	PX	.005	.005	0	0
66	FACE2B	PX	.005	.005	0	0
67	LADDER1	PX	.002	.002	0	0
68	LADDER2	PX	.002	.002	0	0
69	LSUPP1	PX	.003	.003	0	0
70	LSUPP2	PX	.003	.003	0	0
71	MP ALPHA1	PX	.002	.002	0	0
72	MP ALPHA2	PX	.002	.002	0	0
73	MP BETA1	PX	.002	.002	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,%]
74	MP BETA2	PX	.002	.002	0	0
75	MP GAMMA1	PX	.002	.002	0	0
76	MP GAMMA2	PX	.002	.002	0	0
77	PL1	PX	.001	.001	0	0
78	PL2	PX	.001	.001	0	0
79	PL3	PX	.001	.001	0	0
80	PL4	PX	.001	.001	0	0
81	PL5	PX	.001	.001	0	0
82	PL6	PX	.001	.001	0	0
83	PLANGLE1	PX	.003	.003	0	0
84	PLANGLE2	PX	.003	.003	0	0
85	PLANGLE3	PX	.003	.003	0	0
86	RAIL3	PX	.001	.001	0	0
87	RAIL2	PX	.002	.002	0	0
88	RAIL1	PX	.002	.002	0	0
89	RCORNER1	PX	.002	.002	0	0
90	RCORNER2	PX	.002	.002	0	0
91	RCORNER3	PX	.002	.002	0	0
92	RPL1	PX	.003	.003	0	0
93	RPL2	PX	.003	.003	0	0
94	RPL3	PX	.003	.003	0	0
95	RPL4	PX	.003	.003	0	0
96	RPL5	PX	.003	.003	0	0
97	RPL6	PX	.003	.003	0	0
98	RUNG1	PX	.000811	.000811	0	0
99	RUNG2	PX	.000811	.000811	0	0
100	RUNG3	PX	.000811	.000811	0	0
101	RUNG4	PX	.000811	.000811	0	0
102	RUNG5	PX	.000811	.000811	0	0
103	RUNG6	PX	.000811	.000811	0	0
104	RUNG7	PX	.000811	.000811	0	0
105	RUNG8	PX	.000811	.000811	0	0
106	SO1	PX	.001	.001	0	0
107	SO2	PX	.001	.001	0	0
108	SO3	PX	.001	.001	0	0

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	CR1	PX	.003	.003	0	0
2	CR2	PX	.003	.003	0	0
3	CR3	PX	.003	.003	0	0
4	FACE3	PX	.003	.003	0	0
5	FACE3A	PX	.003	.003	0	0
6	FACE3B	PX	.003	.003	0	0
7	FACE1	PX	.006	.006	0	0
8	FACE1A	PX	.006	.006	0	0
9	FACE1B	PX	.006	.006	0	0
10	FACE2	PX	.006	.006	0	0
11	FACE2A	PX	.006	.006	0	0
12	FACE2B	PX	.006	.006	0	0
13	LADDER1	PX	.002	.002	0	0
14	LADDER2	PX	.002	.002	0	0
15	LSUPP1	PX	.003	.003	0	0
16	LSUPP2	PX	.003	.003	0	0
17	MP ALPHA1	PX	.003	.003	0	0
18	MP ALPHA2	PX	.003	.003	0	0

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,%]
19	MP BETA1	PX	.003	.003	0	0
20	MP BETA2	PX	.003	.003	0	0
21	MP GAMMA1	PX	.003	.003	0	0
22	MP GAMMA2	PX	.003	.003	0	0
23	PL1	PX	.001	.001	0	0
24	PL2	PX	.001	.001	0	0
25	PL3	PX	.001	.001	0	0
26	PL4	PX	.001	.001	0	0
27	PL5	PX	.001	.001	0	0
28	PL6	PX	.001	.001	0	0
29	PLANGLE1	PX	.003	.003	0	0
30	PLANGLE2	PX	.003	.003	0	0
31	PLANGLE3	PX	.003	.003	0	0
32	RAIL3	PX	.001	.001	0	0
33	RAIL2	PX	.002	.002	0	0
34	RAIL1	PX	.002	.002	0	0
35	RCORNER1	PX	.002	.002	0	0
36	RCORNER2	PX	.002	.002	0	0
37	RCORNER3	PX	.002	.002	0	0
38	RPL1	PX	.003	.003	0	0
39	RPL2	PX	.003	.003	0	0
40	RPL3	PX	.003	.003	0	0
41	RPL4	PX	.003	.003	0	0
42	RPL5	PX	.003	.003	0	0
43	RPL6	PX	.003	.003	0	0
44	RUNG1	PX	.000937	.000937	0	0
45	RUNG2	PX	.000937	.000937	0	0
46	RUNG3	PX	.000937	.000937	0	0
47	RUNG4	PX	.000937	.000937	0	0
48	RUNG5	PX	.000937	.000937	0	0
49	RUNG6	PX	.000937	.000937	0	0
50	RUNG7	PX	.000937	.000937	0	0
51	RUNG8	PX	.000937	.000937	0	0
52	SO1	PX	.001	.001	0	0
53	SO2	PX	.001	.001	0	0
54	SO3	PX	.001	.001	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	CR1	PY	-.001	-.001	0	0
2	CR2	PY	-.001	-.001	0	0
3	CR3	PY	-.001	-.001	0	0
4	FACE3	PY	-.001	-.001	0	0
5	FACE3A	PY	-.001	-.001	0	0
6	FACE3B	PY	-.001	-.001	0	0
7	FACE1	PY	-.003	-.003	0	0
8	FACE1A	PY	-.003	-.003	0	0
9	FACE1B	PY	-.003	-.003	0	0
10	FACE2	PY	-.003	-.003	0	0
11	FACE2A	PY	-.003	-.003	0	0
12	FACE2B	PY	-.003	-.003	0	0
13	LADDER1	PY	-.001	-.001	0	0
14	LADDER2	PY	-.001	-.001	0	0
15	LSUPP1	PY	-.001	-.001	0	0
16	LSUPP2	PY	-.001	-.001	0	0
17	MP ALPHA1	PY	-.001	-.001	0	0

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,%]
18	MP ALPHA2	PY	-.001	-.001	0	0
19	MP BETA1	PY	-.001	-.001	0	0
20	MP BETA2	PY	-.001	-.001	0	0
21	MP GAMMA1	PY	-.001	-.001	0	0
22	MP GAMMA2	PY	-.001	-.001	0	0
23	PL1	PY	-.000668	-.000668	0	0
24	PL2	PY	-.000668	-.000668	0	0
25	PL3	PY	-.000668	-.000668	0	0
26	PL4	PY	-.000668	-.000668	0	0
27	PL5	PY	-.000668	-.000668	0	0
28	PL6	PY	-.000668	-.000668	0	0
29	PLANGLE1	PY	-.001	-.001	0	0
30	PLANGLE2	PY	-.001	-.001	0	0
31	PLANGLE3	PY	-.001	-.001	0	0
32	RAIL3	PY	-.000616	-.000616	0	0
33	RAIL2	PY	-.001	-.001	0	0
34	RAIL1	PY	-.001	-.001	0	0
35	RCORNER1	PY	-.001	-.001	0	0
36	RCORNER2	PY	-.001	-.001	0	0
37	RCORNER3	PY	-.001	-.001	0	0
38	RPL1	PY	-.002	-.002	0	0
39	RPL2	PY	-.002	-.002	0	0
40	RPL3	PY	-.002	-.002	0	0
41	RPL4	PY	-.002	-.002	0	0
42	RPL5	PY	-.002	-.002	0	0
43	RPL6	PY	-.002	-.002	0	0
44	RUNG1	PY	-.000468	-.000468	0	0
45	RUNG2	PY	-.000468	-.000468	0	0
46	RUNG3	PY	-.000468	-.000468	0	0
47	RUNG4	PY	-.000468	-.000468	0	0
48	RUNG5	PY	-.000468	-.000468	0	0
49	RUNG6	PY	-.000468	-.000468	0	0
50	RUNG7	PY	-.000468	-.000468	0	0
51	RUNG8	PY	-.000468	-.000468	0	0
52	SO1	PY	-.000712	-.000712	0	0
53	SO2	PY	-.000712	-.000712	0	0
54	SO3	PY	-.000712	-.000712	0	0
55	CR1	PX	.003	.003	0	0
56	CR2	PX	.003	.003	0	0
57	CR3	PX	.003	.003	0	0
58	FACE3	PX	.003	.003	0	0
59	FACE3A	PX	.003	.003	0	0
60	FACE3B	PX	.003	.003	0	0
61	FACE1	PX	.005	.005	0	0
62	FACE1A	PX	.005	.005	0	0
63	FACE1B	PX	.005	.005	0	0
64	FACE2	PX	.005	.005	0	0
65	FACE2A	PX	.005	.005	0	0
66	FACE2B	PX	.005	.005	0	0
67	LADDER1	PX	.002	.002	0	0
68	LADDER2	PX	.002	.002	0	0
69	LSUPP1	PX	.003	.003	0	0
70	LSUPP2	PX	.003	.003	0	0
71	MP ALPHA1	PX	.002	.002	0	0
72	MP ALPHA2	PX	.002	.002	0	0
73	MP BETA1	PX	.002	.002	0	0
74	MP BETA2	PX	.002	.002	0	0

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,%]
75	MP GAMMA1	PX	.002	.002	0	0
76	MP GAMMA2	PX	.002	.002	0	0
77	PL1	PX	.001	.001	0	0
78	PL2	PX	.001	.001	0	0
79	PL3	PX	.001	.001	0	0
80	PL4	PX	.001	.001	0	0
81	PL5	PX	.001	.001	0	0
82	PL6	PX	.001	.001	0	0
83	PLANGLE1	PX	.003	.003	0	0
84	PLANGLE2	PX	.003	.003	0	0
85	PLANGLE3	PX	.003	.003	0	0
86	RAIL3	PX	.001	.001	0	0
87	RAIL2	PX	.002	.002	0	0
88	RAIL1	PX	.002	.002	0	0
89	RCORNER1	PX	.002	.002	0	0
90	RCORNER2	PX	.002	.002	0	0
91	RCORNER3	PX	.002	.002	0	0
92	RPL1	PX	.003	.003	0	0
93	RPL2	PX	.003	.003	0	0
94	RPL3	PX	.003	.003	0	0
95	RPL4	PX	.003	.003	0	0
96	RPL5	PX	.003	.003	0	0
97	RPL6	PX	.003	.003	0	0
98	RUNG1	PX	.000811	.000811	0	0
99	RUNG2	PX	.000811	.000811	0	0
100	RUNG3	PX	.000811	.000811	0	0
101	RUNG4	PX	.000811	.000811	0	0
102	RUNG5	PX	.000811	.000811	0	0
103	RUNG6	PX	.000811	.000811	0	0
104	RUNG7	PX	.000811	.000811	0	0
105	RUNG8	PX	.000811	.000811	0	0
106	SO1	PX	.001	.001	0	0
107	SO2	PX	.001	.001	0	0
108	SO3	PX	.001	.001	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	CR1	PY	-.003	-.003	0	0
2	CR2	PY	-.003	-.003	0	0
3	CR3	PY	-.003	-.003	0	0
4	FACE1	PY	-.003	-.003	0	0
5	FACE1A	PY	-.003	-.003	0	0
6	FACE1B	PY	-.003	-.003	0	0
7	FACE2	PY	-.005	-.005	0	0
8	FACE2A	PY	-.005	-.005	0	0
9	FACE2B	PY	-.005	-.005	0	0
10	FACE3	PY	-.005	-.005	0	0
11	FACE3A	PY	-.005	-.005	0	0
12	FACE3B	PY	-.005	-.005	0	0
13	LADDER1	PY	-.002	-.002	0	0
14	LADDER2	PY	-.002	-.002	0	0
15	LSUPP1	PY	-.003	-.003	0	0
16	LSUPP2	PY	-.003	-.003	0	0
17	MP ALPHA1	PY	-.002	-.002	0	0
18	MP ALPHA2	PY	-.002	-.002	0	0
19	MP BETA1	PY	-.002	-.002	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,%]
20	MP BETA2	PY	-.002	-.002	0	0
21	MP GAMMA1	PY	-.002	-.002	0	0
22	MP GAMMA2	PY	-.002	-.002	0	0
23	PL1	PY	-.001	-.001	0	0
24	PL2	PY	-.001	-.001	0	0
25	PL3	PY	-.001	-.001	0	0
26	PL4	PY	-.001	-.001	0	0
27	PL5	PY	-.001	-.001	0	0
28	PL6	PY	-.001	-.001	0	0
29	PLANGLE1	PY	-.003	-.003	0	0
30	PLANGLE2	PY	-.003	-.003	0	0
31	PLANGLE3	PY	-.003	-.003	0	0
32	RAIL1	PY	-.001	-.001	0	0
33	RAIL2	PY	-.002	-.002	0	0
34	RAIL3	PY	-.002	-.002	0	0
35	RCORNER1	PY	-.002	-.002	0	0
36	RCORNER2	PY	-.002	-.002	0	0
37	RCORNER3	PY	-.002	-.002	0	0
38	RPL1	PY	-.003	-.003	0	0
39	RPL2	PY	-.003	-.003	0	0
40	RPL3	PY	-.003	-.003	0	0
41	RPL4	PY	-.003	-.003	0	0
42	RPL5	PY	-.003	-.003	0	0
43	RPL6	PY	-.003	-.003	0	0
44	RUNG1	PY	-.000811	-.000811	0	0
45	RUNG2	PY	-.000811	-.000811	0	0
46	RUNG3	PY	-.000811	-.000811	0	0
47	RUNG4	PY	-.000811	-.000811	0	0
48	RUNG5	PY	-.000811	-.000811	0	0
49	RUNG6	PY	-.000811	-.000811	0	0
50	RUNG7	PY	-.000811	-.000811	0	0
51	RUNG8	PY	-.000811	-.000811	0	0
52	SO1	PY	-.001	-.001	0	0
53	SO2	PY	-.001	-.001	0	0
54	SO3	PY	-.001	-.001	0	0
55	CR1	PX	.001	.001	0	0
56	CR2	PX	.001	.001	0	0
57	CR3	PX	.001	.001	0	0
58	FACE1	PX	.001	.001	0	0
59	FACE1A	PX	.001	.001	0	0
60	FACE1B	PX	.001	.001	0	0
61	FACE2	PX	.003	.003	0	0
62	FACE2A	PX	.003	.003	0	0
63	FACE2B	PX	.003	.003	0	0
64	FACE3	PX	.003	.003	0	0
65	FACE3A	PX	.003	.003	0	0
66	FACE3B	PX	.003	.003	0	0
67	LADDER1	PX	.001	.001	0	0
68	LADDER2	PX	.001	.001	0	0
69	LSUPP1	PX	.001	.001	0	0
70	LSUPP2	PX	.001	.001	0	0
71	MP ALPHA1	PX	.001	.001	0	0
72	MP ALPHA2	PX	.001	.001	0	0
73	MP BETA1	PX	.001	.001	0	0
74	MP BETA2	PX	.001	.001	0	0
75	MP GAMMA1	PX	.001	.001	0	0
76	MP GAMMA2	PX	.001	.001	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,%]
77	PL1	PX	.000668	.000668	0	0
78	PL2	PX	.000668	.000668	0	0
79	PL3	PX	.000668	.000668	0	0
80	PL4	PX	.000668	.000668	0	0
81	PL5	PX	.000668	.000668	0	0
82	PL6	PX	.000668	.000668	0	0
83	PLANGLE1	PX	.001	.001	0	0
84	PLANGLE2	PX	.001	.001	0	0
85	PLANGLE3	PX	.001	.001	0	0
86	RAIL1	PX	.000616	.000616	0	0
87	RAIL2	PX	.001	.001	0	0
88	RAIL3	PX	.001	.001	0	0
89	RCORNER1	PX	.001	.001	0	0
90	RCORNER2	PX	.001	.001	0	0
91	RCORNER3	PX	.001	.001	0	0
92	RPL1	PX	.002	.002	0	0
93	RPL2	PX	.002	.002	0	0
94	RPL3	PX	.002	.002	0	0
95	RPL4	PX	.002	.002	0	0
96	RPL5	PX	.002	.002	0	0
97	RPL6	PX	.002	.002	0	0
98	RUNG1	PX	.000468	.000468	0	0
99	RUNG2	PX	.000468	.000468	0	0
100	RUNG3	PX	.000468	.000468	0	0
101	RUNG4	PX	.000468	.000468	0	0
102	RUNG5	PX	.000468	.000468	0	0
103	RUNG6	PX	.000468	.000468	0	0
104	RUNG7	PX	.000468	.000468	0	0
105	RUNG8	PX	.000468	.000468	0	0
106	SO1	PX	.000712	.000712	0	0
107	SO2	PX	.000712	.000712	0	0
108	SO3	PX	.000712	.000712	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	CR1	Z	-.002	-.014	0	1.667
2	CR1	Z	-.014	-.014	1.667	3.333
3	CR1	Z	-.014	-.002	3.333	5
4	FACE1B	Z	-.002	-.009	0	.933
5	FACE1B	Z	-.009	-.009	.933	1.867
6	FACE1B	Z	-.009	-.006	1.867	2.8
7	FACE1B	Z	-.006	-.009	2.8	3.733
8	FACE2A	Z	-.004	-.009	0	.933
9	FACE2A	Z	-.009	-.008	.933	1.867
10	FACE2A	Z	-.008	-.006	1.867	2.8
11	FACE2A	Z	-.006	-.009	2.8	3.733
12	CR3	Z	-.002	-.014	0	1.667
13	CR3	Z	-.014	-.014	1.667	3.333
14	CR3	Z	-.014	-.002	3.333	5
15	FACE1A	Z	-.009	-.006	1.6	2.533
16	FACE1A	Z	-.006	-.009	2.533	3.467
17	FACE1A	Z	-.009	-.009	3.467	4.4
18	FACE1A	Z	-.009	-.002	4.4	5.333
19	FACE3B	Z	-.004	-.009	0	.933
20	FACE3B	Z	-.009	-.008	.933	1.867
21	FACE3B	Z	-.008	-.006	1.867	2.8

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,%]
22	FACE3B	Z	-.006	-.009	2.8	3.733
23	CR2	Z	-.004	-.004	3.492	4.856
24	FACE2B	Z	-.004	-.003	1.067	2.133
25	FACE2B	Z	-.003	-.001	2.133	3.2
26	FACE2B	Z	-.002	-.003	3.2	4.267
27	LSUPP1	Z	-.001	-.003	0	.722
28	LSUPP1	Z	-.003	-.003	.722	1.443
29	LSUPP1	Z	-.003	-.003	1.443	2.165
30	LSUPP2	Z	-.0003052	-.0003052	0	.677
31	FACE2B	Z	-.003	-.005	4.267	5.334
32	FACE3A	Z	-9.957e-5	-.003	3.2	3.911
33	FACE3A	Z	-.003	-.005	3.911	4.622
34	FACE3A	Z	-.005	-.004	4.622	5.334
35	LSUPP2	Z	-.006	-.004	0	1.25
36	LSUPP2	Z	-.004	-.003	1.25	2.5

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	CR1	Z	-.004	-.028	0	1.667
2	CR1	Z	-.028	-.028	1.667	3.333
3	CR1	Z	-.028	-.004	3.333	5
4	FACE1B	Z	-.004	-.018	0	.933
5	FACE1B	Z	-.018	-.017	.933	1.867
6	FACE1B	Z	-.017	-.013	1.867	2.8
7	FACE1B	Z	-.013	-.018	2.8	3.733
8	FACE2A	Z	-.008	-.018	0	.933
9	FACE2A	Z	-.018	-.017	.933	1.867
10	FACE2A	Z	-.017	-.013	1.867	2.8
11	FACE2A	Z	-.013	-.018	2.8	3.733
12	CR3	Z	-.004	-.028	0	1.667
13	CR3	Z	-.028	-.028	1.667	3.333
14	CR3	Z	-.028	-.004	3.333	5
15	FACE1A	Z	-.018	-.013	1.6	2.533
16	FACE1A	Z	-.013	-.017	2.533	3.467
17	FACE1A	Z	-.017	-.018	3.467	4.4
18	FACE1A	Z	-.018	-.004	4.4	5.333
19	FACE3B	Z	-.008	-.018	0	.933
20	FACE3B	Z	-.018	-.017	.933	1.867
21	FACE3B	Z	-.017	-.013	1.867	2.8
22	FACE3B	Z	-.013	-.018	2.8	3.733
23	CR2	Z	-.009	-.009	3.492	4.856
24	FACE2B	Z	-.008	-.006	1.067	2.133
25	FACE2B	Z	-.006	-.002	2.133	3.2
26	FACE2B	Z	-.004	-.006	3.2	4.267
27	LSUPP1	Z	-.003	-.006	0	.722
28	LSUPP1	Z	-.006	-.007	.722	1.443
29	LSUPP1	Z	-.007	-.006	1.443	2.165
30	LSUPP2	Z	-.0006104	-.0006104	0	.677
31	FACE2B	Z	-.006	-.01	4.267	5.334
32	FACE3A	Z	-.0001991	-.006	3.2	3.911
33	FACE3A	Z	-.006	-.011	3.911	4.622
34	FACE3A	Z	-.011	-.008	4.622	5.334
35	LSUPP2	Z	-.012	-.009	0	1.25
36	LSUPP2	Z	-.009	-.006	1.25	2.5

Member Area Loads (BLC 3 : Dead Load)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N11	N19	N39	N32	Z	Two Way	-.01
2	N33	N10	N17	N35	Z	Two Way	-.01
3	N228	N38	N224A	N226A	Z	Two Way	-.01
4	N224A	N226	N16	N20	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	N11	N19	N39	N32	Z	Two Way	-.02
2	N33	N10	N17	N35	Z	Two Way	-.02
3	N228	N226A	N224A	N38	Z	Two Way	-.02
4	N224A	N226	N16	N20	Z	Two Way	-.02

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	N110A	max	1.915	15	-1.842	2	2.804	36	.717	20	.253	14	.63	8
2		min	-.069	26	-8.241	21	.148	17	-2.981	3	-1.584	33	-.702	26
3	N117A	max	6.21	12	5.667	6	3.099	24	3.325	21	.409	8	.778	32
4		min	1.276	29	1.362	23	.339	5	-.232	5	-2.028	27	-.876	14
5	N124	max	-1.985	11	2.732	3	3.129	15	.857	17	3.819	15	.928	20
6		min	-7.938	30	-.257	20	.351	32	-.602	35	-.248	32	-1.016	2
7	Totals:	max	2.91	11	3.332	2	8.311	27						
8		min	-2.91	29	-3.415	20	3.478	8						

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					18	54		
3	Dead Load	DL			-1.1		18		4	
4	Wind Load (30)	DL					36	108		
5	Wind Load (60)	DL					36	108		
6	Wind Load (90)	DL					18	54		
7	Wind Load (120)	DL					36	108		
8	Wind Load (150)	DL					36	108		
9	Wind Load (180)	DL					18	54		
10	Wind Load (210)	DL					36	108		
11	Wind Load (240)	DL					36	108		
12	Wind Load (270)	DL					18	54		
13	Wind Load (300)	DL					36	108		
14	Wind Load (330)	DL					36	108		
15	Maintanence (0)	DL					18	54		
16	Maintanence (30)	DL					36	108		
17	Maintanence (60)	DL					36	108		
18	Maintanence (90)	DL					18	54		
19	Maintanence (120)	DL					36	108		
20	Maintanence (150)	DL					36	108		
21	Maintanence (180)	DL					18	54		
22	Maintanence (210)	DL					36	108		
23	Maintanence (240)	DL					36	108		
24	Maintanence (270)	DL					18	54		
25	Maintanence (300)	DL					36	108		
26	Maintanence (330)	DL					36	108		
27	Ice Dead Load	DL					18	54	4	

Basic Load Cases (Continued)

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distrib..	Area(Me...	Surface(...
28	Ice Wind Load (0)	DL					18	54		
29	Ice Wind Load (30)	DL					36	108		
30	Ice Wind Load (60)	DL					36	108		
31	Ice Wind Load (90)	DL					18	54		
32	Ice Wind Load (120)	DL					36	108		
33	Ice Wind Load (150)	DL					36	108		
34	Ice Wind Load (180)	DL					18	54		
35	Ice Wind Load (210)	DL					36	108		
36	Ice Wind Load (240)	DL					36	108		
37	Ice Wind Load (270)	DL					18	54		
38	Ice Wind Load (300)	DL					36	108		
39	Ice Wind Load (330)	DL					36	108		
40	Earthquake (x-direction)	DL	-.104				18			
41	Earthquake (y-direction)	DL		-.104			18			
42	Earthquake (z-direction)	DL			-.042		18			
43	BLC 3 Transient Area Loads	None						36		
44	BLC 27 Transient Area Loads	None						36		

Load Combinations

	Description	So..	P...	S...	BLC	Fac..	BLC	Fac..	BLC	Fac..	BLC	Fac..	BLC	Fac..	BLC	Fac..	BLC	Fac..	BLC	Fac..	BLC	Fac..	BLC	Fac..	BLC	Fac..
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 + 1.0Wl(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 + 1.0Wl(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 + 1.0Wl(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 + 1.0Wl(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 + 1.0Wl(1...	Yes	Y		3	1.2	1	1.5	19	1																
17	1.2D + 1.0W(150)	Yes	Y		3	1.2	8	1																		
18	1.2D + 1.0Di + 1.0Wi(...	Yes	Y		3	1.2	27	1	33	1																
19	1.2D + 1.5L + 1.0Wl(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 + 1.0Wl(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 + 1.0Wl(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 + 1.0Wl(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 + 1.0Wl(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 + 1.0Wl(3...	Yes	Y		3	1.2	1	1.5	25	1																
35	1.2D + 1.0W(330)	Yes	Y		3	1.2	14	1																		

Load Combinations (Continued)

	Description	So..	P...	S...	BLC	Fac..	BLC	Fac..	BLC	Fac..	BLC	Fac..	BLC	Fac..	BLC	Fac..	BLC	Fac..	BLC	Fac..	BLC	Fac..	BLC	Fac..	BLC	Fac...
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	RPL1	6x0.375	.256	.125	2	.673	.25	y	17	70.011	72.9	.57	9.113	1.37	H1-1b
2	RPL3	6x0.375	.256	.125	14	.609	.25	y	32	70.011	72.9	.57	9.113	1....	H1-1b
3	RPL5	6x0.375	.284	.125	26	.588	.125	y	23	70.011	72.9	.57	9.113	1.37	H1-1b
4	LSUPP1	C5X6.7	.034	1.511	2	.521	0	y	11	54.995	63.828	1.604	9.585	2....	H1-1...
5	RPL2	6x0.375	.186	.25	2	.418	.125	y	17	70.011	72.9	.57	9.113	1....	H1-1b
6	RPL4	6x0.375	.198	.25	17	.379	.125	y	29	70.011	72.9	.57	9.113	1....	H1-1b
7	RPL6	6x0.375	.177	.25	26	.373	.125	y	5	70.011	72.9	.57	9.113	1....	H1-1b
8	RAIL1	PIPE_2.0	.328	.958	35	.312	.719		35	7.437	32.13	1.872	1.872	1....	H3-6
9	RAIL3	PIPE_2.0	.299	.958	23	.299	.719		26	7.437	32.13	1.872	1.872	2....	H3-6
10	RAIL2	PIPE_2.0	.266	10.542	2	.292	.719		14	7.437	32.13	1.872	1.872	1.91	H1-1b
11	FACE2A	C5X6.7	.452	4.5	18	.278	.667	z	35	25.85	63.828	1.604	9.585	1....	H1-1b
12	FACE1A	C5X6.7	.423	.833	30	.268	4.667	z	23	25.85	63.828	1.604	9.585	1....	H1-1b
13	FACE3A	C5X6.7	.499	.833	15	.241	4.667	z	11	25.85	63.828	1.604	9.585	1.68	H1-1b
14	SO3	HSS3X3...	.415	2.25	21	.236	2.25	z	21	116.7...	121.7...	10.005	10.005	1....	H1-1b
15	SO2	HSS3X3...	.417	2.25	12	.208	2.25	z	7	116.7...	121.7...	10.005	10.005	1....	H1-1b
16	SO1	HSS3X3...	.375	2.25	36	.198	2.25	z	33	116.7...	121.7...	10.005	10.005	1....	H1-1b
17	PLANGLE2	L5X5X6	.354	2.228	21	.186	1.013	z	20	108.7...	118.26	7.418	16.005	4....	H2-1
18	FACE2B	C5X6.7	.356	.833	8	.183	4.667	z	29	25.85	63.828	1.604	9.585	2....	H1-1b
19	FACE1B	C5X6.7	.362	4.445	32	.178	.667	z	17	25.85	63.828	1.604	9.585	2....	H1-1b
20	CR2	C5X6.7	.618	1.875	32	.178	1.875	y	21	28.842	63.828	1.604	9.585	2....	H1-1b
21	CR1	C5X6.7	.593	1.875	24	.174	1.875	y	6	28.842	63.828	1.604	9.585	1....	H1-1b
22	PLANGLE1	L5X5X6	.336	2.228	15	.174	1.013	y	15	108.7...	118.26	7.418	16.005	4....	H2-1
23	CR3	C5X6.7	.621	1.875	8	.164	1.875	y	33	28.842	63.828	1.604	9.585	2.18	H1-1b
24	FACE3B	C5X6.7	.360	4.5	21	.162	.667	z	23	25.85	63.828	1.604	9.585	2....	H1-1b
25	PLANGLE3	L5X5X6	.319	2.228	36	.161	2.228	y	30	108.7...	118.26	7.418	16.005	4....	H2-1
26	MP GAMMA1	PIPE_2.0	.460	2.5	36	.141	2.5		35	20.867	32.13	1.872	1.872	1....	H1-1b
27	MP BETA2	PIPE_2.0	.554	2.5	3	.109	2.5		2	14.916	32.13	1.872	1.872	2.49	H1-1b
28	MP ALPHA1	PIPE_2.0	.413	2.5	8	.109	2.5		8	20.867	32.13	1.872	1.872	1....	H1-1b
29	MP BETA1	PIPE_2.0	.491	2.5	20	.102	2.5		20	20.867	32.13	1.872	1.872	1....	H1-1b
30	RCORNER1	L2.5x2.5...	.338	1.025	17	.098	0	y	17	37.256	38.556	1.114	2.537	2.19	H2-1
31	RCORNER3	L2.5x2.5...	.312	1.025	26	.084	0	y	5	37.256	38.556	1.114	2.537	1....	H2-1
32	LSUPP2	C5X6.7	.252	.26	2	.081	.234	z	35	52.332	63.828	1.604	9.585	1.33	H1-1b
33	RCORNER2	L2.5x2.5...	.309	1.025	32	.080	0	y	29	37.256	38.556	1.114	2.537	2....	H2-1
34	MP GAMMA2	PIPE_2.0	.558	2.5	18	.071	2.5		20	14.916	32.13	1.872	1.872	2....	H1-1b
35	MP ALPHA2	PIPE_2.0	.525	2.5	32	.064	2.5		32	14.916	32.13	1.872	1.872	1....	H1-1b
36	PL1	6x0.375	.182	.75	37	.038	.75	y	35	50.664	72.9	.57	9.113	2....	H1-1b
37	PL5	6x0.375	.132	0	26	.035	0	y	23	50.664	72.9	.57	9.113	2....	H1-1b
38	PL3	6x0.375	.143	0	18	.032	0	y	14	50.664	72.9	.57	9.113	2....	H1-1b
39	FACE3	C5X6.7	.402	1	15	.027	1	y	21	61.832	63.828	1.604	9.585	1....	H1-1b
40	FACE2	C5X6.7	.391	0	15	.027	0	y	10	61.832	63.828	1.604	9.585	1....	H1-1b
41	FACE1	C5X6.7	.351	1	30	.025	1	y	30	61.832	63.828	1.604	9.585	1....	H1-1b
42	PL2	6x0.375	.183	0	37	.025	0	y	37	50.664	72.9	.57	9.113	2....	H1-1b
43	PL6	6x0.375	.128	0	27	.022	.75	y	24	50.664	72.9	.57	9.113	2....	H1-1b
44	PL4	6x0.375	.143	0	18	.021	.75	y	14	50.664	72.9	.57	9.113	2....	H1-1b
45	RUNG3	1.0	.025	1	2	.014	0		20	22.54	25.447	.424	.424	1....	H1-1b
46	RUNG4	1.0	.034	1	2	.012	0		20	22.54	25.447	.424	.424	2.25	H1-1b

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

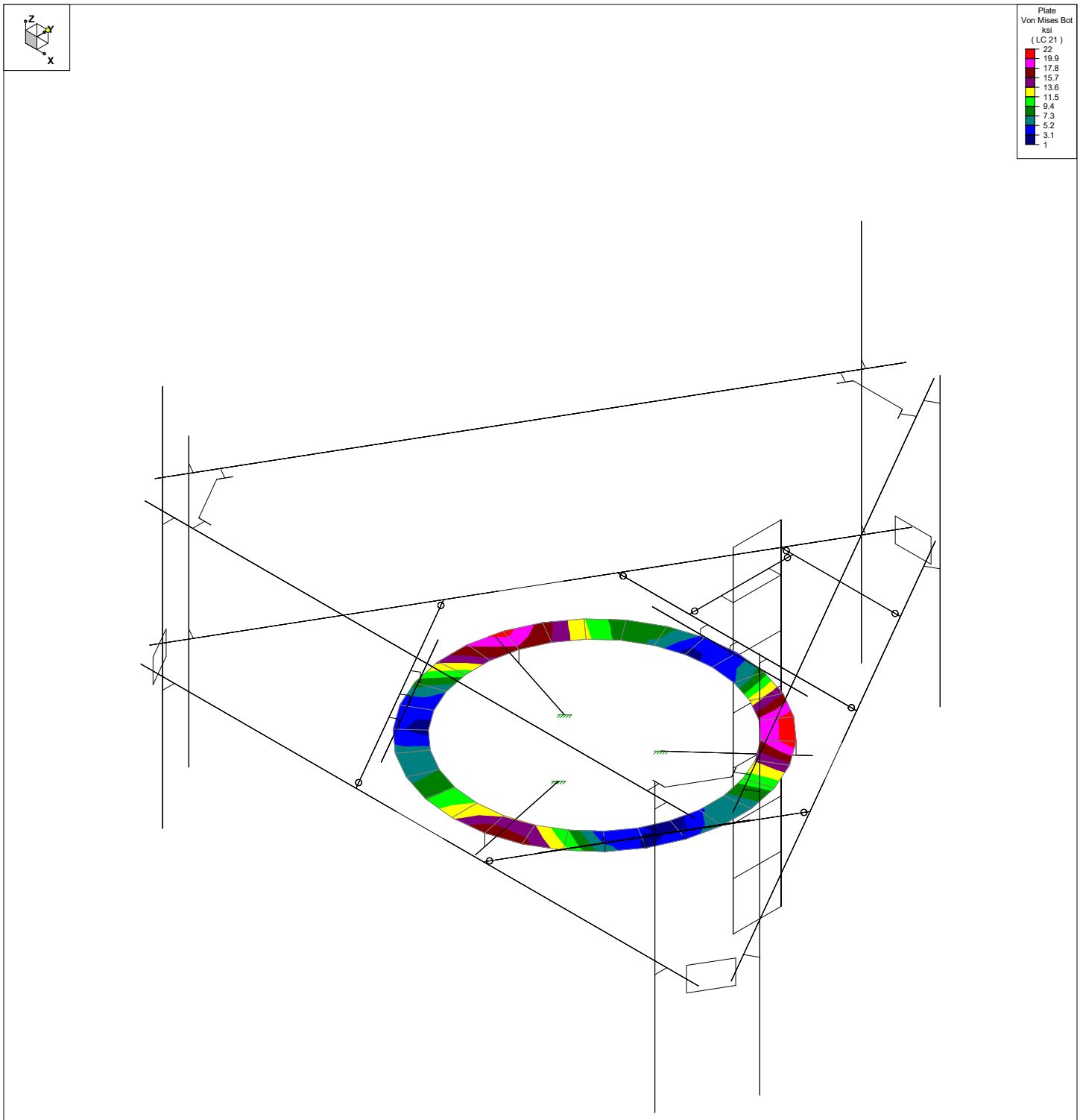
	Member	Shape	Code Check	Loc[ft]	LC	Shear Check	Loc[ft]	Dir	LC	phi*P...	phi*P...	phi*M...	phi*M...	Cb	Eqn
47	RUNG2	1.0	.014	0	17	.012	1		17	22.54	25.447	.424	.424	1....	H1-1b
48	RUNG1	1.0	.012	1	17	.011	1		17	22.54	25.447	.424	.424	2....	H1-1b
49	RUNG5	1.0	.032	1	2	.009	0		20	22.54	25.447	.424	.424	2....	H1-1b
50	LADDER1	L2.5x2.5...	.084	5.979	11	.009	5.979	y	20	8.852	38.556	1.114	2.334	1....	H2-1
51	LADDER2	L2.5x2.5...	.094	5.979	11	.008	5.979	z	35	8.852	38.556	1.114	2.326	1....	H2-1
52	RUNG6	1.0	.025	1	2	.006	0		20	22.54	25.447	.424	.424	2....	H1-1b
53	RUNG7	1.0	.017	1	2	.003	1		35	22.54	25.447	.424	.424	2....	H1-1b
54	RUNG8	1.0	.011	1	2	.002	1		5	22.54	25.447	.424	.424	2....	H1-1b

POD

POWER OF DESIGN

POD Job #	**22-125999**	
Site Number	**411256**	
Site Name	**CANTON CT**	
Reference Code	LRFD	
RISA-3D Values		
Von Mises Stress	23.732	ksi
Load Combination	21	
Plate Info		
Yield Strength	36	ksi
Plate Check		
∅	0.9	
Allowable Stress	32.4	ksi

Capacity	**73.2%**	**Pass**



Results for LC 21, 1.2D + 1.0Di + 1.0Wi(180)

Power of Design	411256	SK - 7
CC		Apr 5, 2022 at 12:37 PM
22-125999		(PL89) 11.67' Platform with Chann...

Structural Analysis Report

Structure	:	**140 ft Monopole**
ATC Site Name	:	**CANTON CT, CT**
ATC Site Number	:	**411256**
Engineering Number	:	**14071471_C3_03**
Proposed Carrier	:	**T-MOBILE**
Carrier Site Name	:	**Simsbury-1/Rt 10**
Carrier Site Number	:	**CT11275C**
Site Location	:	**14 CANTON SPRINGS ROAD** **Canton, CT 06019-2401** **41.8229, -72.8952**
County	:	**Hartford**
Date	:	**April 7, 2022**
Max Usage	:	**52%**
Result	:	**Pass**

Prepared By:

Peter Roma
Airosmith Engineering

Reviewed By:

STATE OF CONNECTICUT
JOSEPH R. JOHNSTON
29460
LICENSED
PROFESSIONAL ENGINEER

4/8/2022

COA : PEC.0001553

Table of Contents

Introduction

The purpose of this report is to summarize results of a structural analysis performed on the 140 ft Monopole to reflect the change in loading by T-MOBILE.

Supporting Documents

Tower Drawings	EEI Project Drawing #GS51426, dated May 21, 1999
Foundation Drawing	EEI Project Drawing #F4960-140, dated May 21, 1999
Geotechnical Report	Clarence Welti Project #Banm Tower Site, dated November 23, 1998

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:	116 mph (3-second gust)
Basic Wind Speed w/ Ice:	50 mph (3-second gust) w/ 1.50" 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:	Ss = 0.18, S_1 = 0.05
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
148.0	1	Generic 18' Omni	Stand-Off	(2) 7/8" Coax	TOWN OF CANTON
132.0	3	Ericsson Air 6449 B77D	Triangular Platform with Handrails	(3) 0.41" (10.3mm) Fiber (4) 0.82" (20.8mm) 8 AWG 6 (2) 0.92" (23.4mm) Cable (2) 2" conduit (10) 7/8" Coax	AT&T MOBILITY
130.0	3	Ericsson RRUS 4449 B5, B12			
	3	Ericsson RRUS 8843 B2, B66A			
	2	Raycap DC6-48-60-18-8F			
	3	Ericsson RRUS 32 B30			
	3	CCI DMP65R-BU8D			
	3	Ericsson RRUS 4478 B14			
	1	Raycap DC9-48-60-24-8C-EV			
	3	Kathrein Scala 840370799			
128.0	3	Ericsson AIR 6419 B77G			
122.0	3	Samsung MT6407-77A	Triangular Platform with Handrails	(6) 1 5/8" Coax (2) 1 5/8" Hybriflex (1) 1/2" Coax	VERIZON WIRELESS
120.0	6	Commscope SBNHH-1D65B			
	3	Andrew LNX-6514DS-A1M			
	2	Raycap RCMDC-3315-PF-48			
	1	VZW Unused Reserve (17102.97 sqin)			
	3	Samsung B2/B66A RRH-BR049			
	3	Samsung RT4401-48A			
	1	Generic GPS			
	6	Samsung B5/B13 RRH-BR04C			
118.0	3	Samsung Outdoor CBRS 20W RRH –Clip-on Antenna			
100.0	-	-	Triangular Low Profile Platform	-	T-MOBILE
90.0	3	Generic 12" x 12" Junction Box	Triangular Platform with Handrails	(4) 1 1/4" Hybriflex Cable (1) 1/2" Coax	SPRINT NEXTEL
	3	Alcatel-Lucent RRH2x50-08			
	3	Alcatel-Lucent 800 MHz RRH			
	3	Alcatel-Lucent 1900 MHz 4X45 RRH			
	3	RFS APXVSPP18-C-A20			
	1	PCTEL GPS-TMG-HR-26N			
	3	Alcatel-Lucent TD-RRH8x20-25 w/ Solar Shield			
80.0	3	Fujitsu TA08025-B605	Triangular Platform with Handrails	(1) 1.60" (40.6mm) Hybrid	DISH WIRELESS L.L.C.
	3	Fujitsu TA08025-B604			
	3	JMA Wireless MX08FRO665-21			
	1	Commscope RDIDC-9181-PF-48			

Equipment to be Removed

Elev.[1] (ft)	Qty	Equipment	Mount Type	Lines	Carrier
100.0	3	Commscope ATSBT-TOP-MF-4G	-	(12) 1 5/8" Coax	T-MOBILE
	3	Andrew LNX-6515DS-A1M			
	3	RFS APXV18-209014-C-A20			
	3	RFS ATMA4P4DBP-1A20			

Proposed Equipment

Elev.[1] (ft)	Qty	Equipment	Mount Type	Lines	Carrier
100.0	3	Ericsson 4460 BAND 2/25	Triangular Platform with Handrails	(3) 1.99" (50.7mm) Hybrid	T-MOBILE
	3	Ericsson 4480 BAND 71			
	3	Ericsson AIR 6419 B41			
	3	RFS APXVAALL24 43-U-NA20			

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

Install proposed lines inside the pole shaft.

Structure Usages

Structural Component	Controlling Usage	Pass/Fail
Anchor Bolts	42%	Pass
Shaft	47%	Pass
Base plate	34%	Pass

Foundations

Reaction Component	Original Design Reactions	Factored Design Reactions*	Analysis Reactions	% of Design
Moment (Kips-Ft)	3921.8	5294.4	2770.8	52%
Shear (Kips)	38.7	52.2	27.3	52%
* The design reactions are factored by 1.35 per ANSI/TIA-222-H, Sec. 15.6.2				

The structure base reactions resulting from this analysis are acceptable when compared to those shown on the original structure drawings, therefore no modification or reinforcement of the foundation will be required.

Deflection, Twist and Sway*

Antenna Elevation (ft)	Antenna	Carrier	Deflection (ft)	Sway (Rotation) (°)
100.0	Ericsson 4460 BAND 2/25	T-MOBILE	0.704	0.850
	RFS APXVAALL24 43-U-NA20			
	Ericsson AIR 6419 B41			
	Ericsson 4480 BAND 71			

***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 Service, PLLC 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 Service, PLLC

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

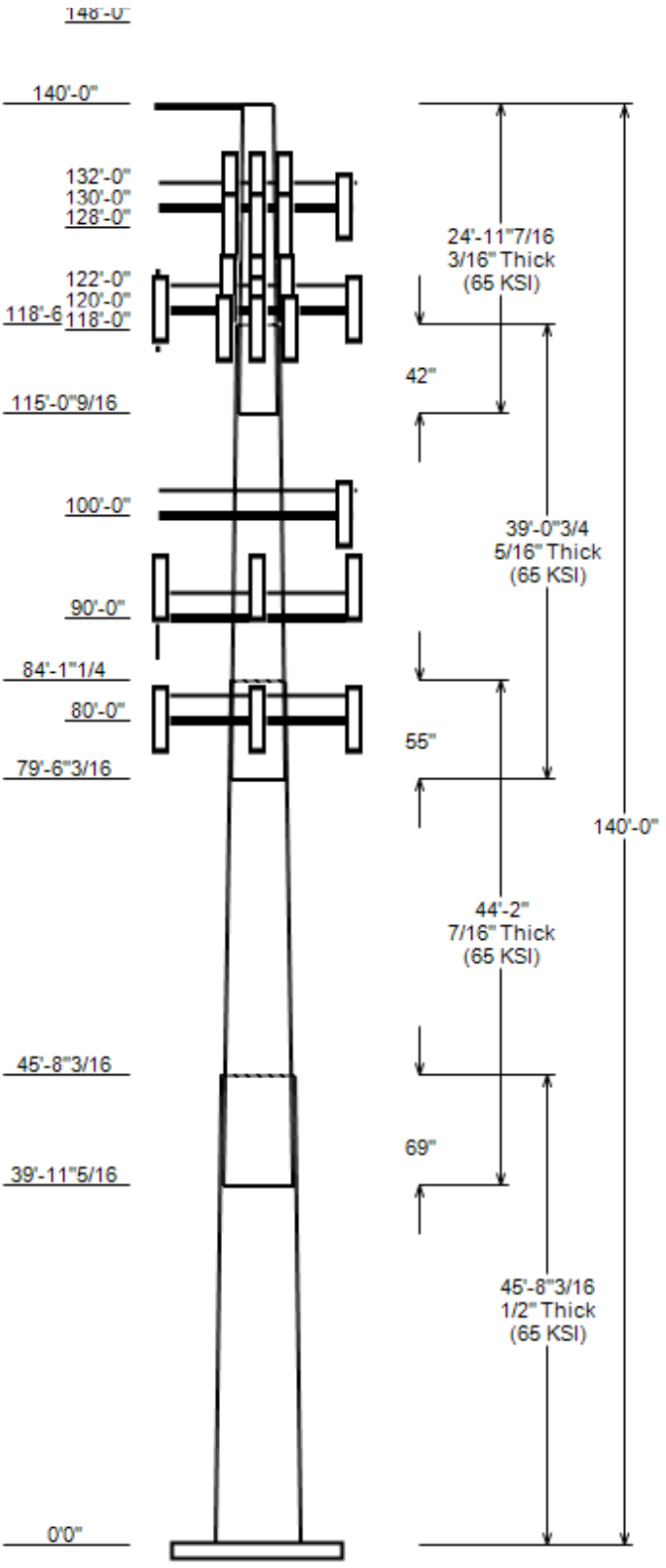
All assets of American Tower Corporation, its affiliates, and subsidiaries (collectively "American Tower") are inspected at regular intervals. Based upon these inspections and in the absence of information to the contrary, American Tower assumes that all structures were constructed in accordance with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

Unless explicitly agreed by both the client and A.T. Engineering Service, PLLC, 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 Service, PLLC is not responsible for the conclusions, opinions and recommendations made by others based on the information supplied herein.

JOB INFORMATION

Asset :	411256, CANTON CT	Height :	140 ft
Client :	T-MOBILE	Base Width :	51
Code :	ANSI/TIA-222-H	Shape :	18 Sides



SITE PARAMETERS

Nominal Wind: 116 mph wind with no ice **Topo Category:** 1

Ice Wind: 50 mph wind with 1.5" radi **Topo Method:** Method 1

Base Elev (ft): 0.00 **Taper :** 0.24900(In/ft) **Topo Feature:**

Structure Class: II **Exposure :** B **S_s :** 0.177 **S_1** : 0.054

SECTION PROPERTIES

Shaft Section	Length (ft)	Diameter (in) Across Flats Top	Diameter (in) Across Flats Bottom	Thick (in)	Joint Type	Overlap Length (in)	Shape	Steel Grade (ksi)
1	45.682	39.62	51.00	0.500		0.000	18 Sides	65
2	44.164	30.92	41.93	0.438	Slip Joint	68.910	18 Sides	65
3	39.060	22.96	32.69	0.312	Slip Joint	55.060	18 Sides	65
4	24.956	18.00	24.22	0.188	Slip Joint	42.380	18 Sides	65

DISCRETE APPURTENANCE

Attach Elev (ft)	Force Elev (ft)	Qty	Description
148.0	140.0	1	Generic 18' Omni
140.0	140.0	1	Stand-Off
132.0	132.0	3	Ericsson Air 6449 B77D
130.0	130.0	2	Raycap DC6-48-60-18-8F
130.0	130.0	3	Ericsson RRUS 8843 B2, B66A
130.0	130.0	3	Ericsson RRUS 4449 B5, B12
130.0	130.0	3	Ericsson RRUS 4478 B14
130.0	130.0	3	Ericsson RRUS 32 B30
130.0	130.0	1	Raycap DC9-48-60-24-8C-EV
130.0	130.0	3	Kathrein Scala 840370799
130.0	130.0	3	CCI DMP65R-BU8D
130.0	130.0	1	Generic Flat Platform with Han
128.0	128.0	3	Ericsson AIR 6419 B77G
122.0	122.0	3	Samsung MT6407-77A
120.0	120.0	1	Generic GPS
120.0	120.0	3	Samsung RT4401-48A
120.0	120.0	3	Samsung B2/B66A RRH-BR049
120.0	120.0	6	Samsung B5/B13 RRH-BR04C
120.0	120.0	2	Raycap RCMDC-3315-PF-48
120.0	120.0	6	Commscope SBNHH-1D65B
120.0	120.0	3	Andrew LNX-6514DS-A1M
120.0	120.0	1	Generic Flat Platform with Han
120.0	120.0	1	VZW Unused Reserve (17102.97 s
118.0	118.0	3	Samsung Outdoor CBRS 20W RRH –
100.0	100.0	3	Ericsson 4460 BAND 2/25
100.0	100.0	3	Ericsson 4480 BAND 71
100.0	100.0	3	Ericsson AIR 6419 B41
100.0	100.0	3	RFS APXVAALL24 43-U-NA20
100.0	100.0	1	Generic Flat Platform with Han
90.0	90.0	1	PCTEL GPS-TMG-HR-26N
90.0	90.0	3	Generic 12" x 12" Junction Box
90.0	94.0	3	Alcatel-Lucent RRH2x50-08
90.0	94.0	3	Alcatel-Lucent 800 MHz RRH
90.0	94.0	3	Alcatel-Lucent 1900 MHz 4X45 R
90.0	94.0	3	Alcatel-Lucent TD-RRH8x20-25 w
90.0	94.0	3	RFS APXVSPP18-C-A20
90.0	90.0	1	Generic Round Platform with Ha
80.0	80.0	1	Commscope RDIDC-9181-PF-48
80.0	80.0	3	Fujitsu TA08025-B604
80.0	80.0	3	Fujitsu TA08025-B605
80.0	80.0	3	JMA Wireless MX08FRO665-21
80.0	80.0	1	Generic Flat Platform with Han

JOB INFORMATION

Asset :	411256, CANTON CT	Height :	140 ft
Client :	T-MOBILE	Base Width :	51
Code :	ANSI/TIA-222-H	Shape :	18 Sides

LINEAR APPURTENANCE

Elev From (ft)	Elev To (ft)	Description	Exp To Wind
0.0	148.0	7/8" Coax	No
0.0	130.0	7/8" Coax	No
0.0	130.0	2" conduit	No
0.0	130.0	0.92" (23.4mm) Cable	No
0.0	130.0	0.82" (20.8mm) 8 AWG 6	No
0.0	130.0	0.41" (10.3mm) Fiber	No
0.0	120.0	1/2" Coax	No
0.0	120.0	1 5/8" Hybriflex	No
0.0	120.0	1 5/8" Coax	Yes
0.0	100.0	1.99" (50.7mm) Hybrid	No
0.0	90.0	1/2" Coax	No
0.0	90.0	1 1/4" Hybriflex Cable	No
0.0	80.0	1.60" (40.6mm) Hybrid	No

LOAD CASES

1.2D + 1.0W	116 mph wind with no ice
0.9D + 1.0W	116 mph wind with no ice
1.2D + 1.0Di + 1.0Wi	50 mph wind with 1.5" radial ice
1.2D + 1.0Ev + 1.0Eh	Seismic
0.9D - 1.0Ev + 1.0Eh	Seismic (Reduced DL)
1.0D + 1.0W	60 mph Wind with No Ice

REACTIONS

Load Case	Moment (kip-ft)	Shear (Kip)	Axial (Kip)
1.2D + 1.0W	2770.79	27.31	56.52
0.9D + 1.0W	2738.60	27.29	42.38
1.2D + 1.0Di + 1.0Wi	818.66	7.96	85.64
1.2D + 1.0Ev + 1.0Eh	153.86	1.42	56.45
0.9D - 1.0Ev + 1.0Eh	151.69	1.42	39.33
1.0D + 1.0W	658.51	6.53	47.13

DISH DEFLECTIONS

Load Case	Attach Elev (ft)	Deflection (in)	Rotation (deg)

ANALYSIS PARAMETERS

Location:	Hartford County,CT	**Height:**	140 ft
Type and Shape:	Taper, 18 Sides	**Base Diameter:**	51.00 in
Manufacturer:	EEI	**Top Diameter:**	18.00 in
K_d (non-service):	0.95	**Taper:**	0.2490 in/ft
K_e:	0.99	**Rotation:**	0.000°

ICE & WIND PARAMETERS

Exposure Category:	B	**Design Wind Speed w/o Ice:**	116 mph
Risk Category:	II	**Design Wind Speed w/Ice:**	50 mph
Topo Factor Procedure:	Method 1	**Operational Wind Speed:**	60 mph
Topographic Category:	1	**Design Ice Thickness:**	1.50 in
Crest Height:	0 ft	**HMSL:**	340.00 ft

SEISMIC PARAMETERS

Analysis Method:	Equivalent Lateral Force Method				
Site Class:	D - Stiff Soil			**Period Based on Rayleigh Method (sec):**	2.20
T_L (sec):	6	**P:**	1	**C_s:**	0.030
S_s:	0.177	**S_1:**	0.054	**C_s Max:**	0.030
F_a:	1.600	**F_v:**	2.400	**C_s Min:**	0.030
S_{ds}:	0.189	**S_{d1}:**	0.086		

LOAD CASES

1.2D + 1.0W	116 mph wind with no ice
0.9D + 1.0W	116 mph wind with no ice
1.2D + 1.0Di + 1.0Wi	50 mph wind with 1.5" radial ice
1.2D + 1.0Ev + 1.0Eh	Seismic
0.9D - 1.0Ev + 1.0Eh	Seismic (Reduced DL)
1.0D + 1.0W	60 mph Wind with No Ice

SHAFT SECTION PROPERTIES

Sect Info	Length (ft)	Thick (in)	Fy (ksi)	Joint Type	Slip Joint len (in)	Weight (lb)	Bottom Dia (in)	Bottom Elev (ft)	Bottom Area (in²)	Bottom Ix (in⁴)	Bottom W/t Ratio	Bottom D/t Ratio	Top Dia (in)	Top Elev (in)	Top Area (in²)	Top Ix (in⁴)	Top W/t Ratio	Top D/t Ratio	Taper (in/ft)
1-18	45.68	0.5000	65		0.00	11,054	51.00	-0.002	80.14	25,821.9	16.57	102.00	39.62	45.68	62.08	12,003.7	12.56	79.24	0.2491
2-18	44.16	0.4375	65	Slip	68.91	7,510	41.93	39.936	57.61	12,528.3	15.49	95.83	30.92	84.10	42.33	4,970.9	11.05	70.68	0.2491
3-18	39.06	0.3125	65	Slip	55.06	3,627	32.69	79.520	32.12	4,254.0	17.04	104.61	22.96	118.58	22.46	1,456.0	11.55	73.48	0.2491
								115.04								424.9			
4-18	24.96	0.1875	65	Slip	42.38	1,057	24.22	4	14.30	1,043.1	21.36	129.15	18.00	140.00	10.60		15.52	96.00	0.2491

Shaft Weight 23,248

DISCRETE APPURTENANCE PROPERTIES

Attach Elev (ft)	Description	Qty	Ka	Vert Ecc (ft)	No Ice Weight (lb)	No Ice EPAa (sf)	No Ice Orientation Factor	Ice Weight (lb)	Ice EPAa (sf)	Ice Orientation Factor
148.00	Generic 18' Omni	1	1.00	-8.000	55.00	5.400	1.00	189.59	11.745	1.00
140.00	Stand-Off	1	1.00	0.000	100.00	3.000	1.00	148.44	4.557	1.00
132.00	Ericsson Air 6449 B77D	3	0.75	0.000	81.60	4.028	0.65	183.26	5.387	0.65
130.00	CCI DMP65R-BU8D	3	0.75	0.000	95.70	17.871	0.63	431.18	21.508	0.63
130.00	Generic Flat Platform with Han	1	1.00	0.000	2500.00	42.400	1.00	4253.47	63.101	1.00
130.00	Raycap DC9-48-60-24-8C-EV	1	0.75	0.000	16.00	4.788	1.00	143.43	6.240	1.00
130.00	Kathrein Scala 840370799	3	0.75	0.000	105.80	13.661	0.65	358.69	17.334	0.65
130.00	Ericsson RRUS 32 B30	3	0.75	0.000	60.00	2.743	0.67	132.61	3.897	0.67
130.00	Ericsson RRUS 4478 B14	3	0.75	0.000	59.40	2.021	0.67	119.97	2.952	0.67
130.00	Ericsson RRUS 4449 B5, B12	3	0.75	0.000	71.00	1.969	0.50	134.62	2.890	0.50
130.00	Ericsson RRUS 8843 B2, B66A	3	0.75	0.000	72.00	1.639	0.50	132.50	2.473	0.50
130.00	Raycap DC6-48-60-18-8F	2	0.75	0.000	20.00	1.260	1.00	71.97	1.910	1.00
128.00	Ericsson AIR 6419 B77G	3	0.75	0.000	66.10	3.797	0.65	161.68	5.095	0.65
122.00	Samsung MT6407-77A	3	0.75	0.000	81.60	4.709	0.61	181.57	6.199	0.61
120.00	VZW Unused Reserve (17102.97 s	1	0.75	0.000	1037.80	118.771	0.90	1745.86	199.805	0.90
120.00	Generic Flat Platform with Han	1	1.00	0.000	2500.00	42.400	1.00	4239.80	62.939	1.00
120.00	Commscope SBNHH-1D65B	6	0.75	0.000	50.70	8.173	0.69	222.58	10.944	0.69
120.00	Andrew LNX-6514DS-A1M	3	0.75	0.000	38.80	8.173	0.69	211.11	10.933	0.69
120.00	Raycap RCMDC-3315-PF-48	2	0.75	0.000	21.40	2.512	0.50	99.41	3.532	0.50
120.00	Samsung B5/B13 RRH-BR04C	6	0.75	0.000	70.30	1.875	0.50	126.32	2.759	0.50
120.00	Samsung B2/B66A RRH-BR049	3	0.75	0.000	84.40	1.875	0.50	146.88	2.759	0.50
120.00	Samsung RT4401-48A	3	0.75	0.000	18.60	0.996	0.50	45.05	1.666	0.50
120.00	Generic GPS	1	1.00	0.000	10.00	0.900	1.00	38.66	1.526	1.00
118.00	Samsung Outdoor CBRS 20W RRH –	3	0.75	0.000	4.40	0.892	0.50	21.99	1.516	0.50
100.00	Generic Flat Platform with Han	1	1.00	0.000	2500.00	42.400	1.00	4205.06	62.529	1.00
100.00	RFS APXVAALL24 43-U-NA20	3	0.75	0.000	122.80	20.243	0.63	496.65	23.803	0.63
100.00	Ericsson AIR 6419 B41	3	0.75	0.000	83.30	6.322	0.63	228.56	7.945	0.63
100.00	Ericsson 4460 BAND 2/25	3	0.75	0.000	109.00	2.564	0.67	193.84	3.576	0.67
100.00	Ericsson 4480 BAND 71	3	0.75	0.000	81.00	2.878	0.67	154.06	3.956	0.67
90.00	Generic 12" x 12" Junction Box	3	0.75	0.000	10.00	1.200	0.50	49.55	1.889	0.50
90.00	RFS APXVSPP18-C-A20	3	0.75	4.000	57.00	8.024	0.69	220.78	10.672	0.69
90.00	Alcatel-Lucent TD-RRH8x20-25 w	3	0.75	4.000	70.00	4.046	0.50	159.73	5.307	0.50
90.00	Alcatel-Lucent 1900 MHz 4X45 R	3	0.75	4.000	60.00	2.322	0.50	136.52	3.348	0.50
90.00	Alcatel-Lucent 800 MHz RRH	3	0.75	4.000	53.00	2.134	0.50	123.08	3.063	0.50
90.00	PCTEL GPS-TMG-HR-26N	1	1.00	0.000	0.60	0.090	1.00	5.20	0.261	1.00
90.00	Generic Round Platform with Ha	1	1.00	0.000	2500.00	27.200	1.00	4037.88	50.409	1.00
90.00	Alcatel-Lucent RRH2x50-08	3	0.75	4.000	52.90	1.701	0.50	109.17	2.520	0.50
80.00	Generic Flat Platform with Han	1	1.00	0.000	2500.00	42.400	1.00	4171.16	62.129	1.00
80.00	JMA Wireless MX08FRO665-21	3	0.75	0.000	64.50	12.489	0.64	306.29	15.133	0.64
80.00	Fujitsu TA08025-B605	3	0.75	0.000	75.00	1.962	0.50	133.93	2.827	0.50
80.00	Fujitsu TA08025-B604	3	0.75	0.000	63.90	1.962	0.50	118.76	2.827	0.50
80.00	Commscope RDIDC-9181-PF-48	1	0.75	0.000	21.90	1.867	0.50	75.43	2.714	0.50
Totals	Num Loadings: 42	106			19,775.50			39,766.23		

LINEAR APPURTENANCE PROPERTIES

Load Case Azimuth (deg) : 0.00

Elev From (ft)	Elev To (ft)	Qty	Description	Coax Dia (in)	Coax Wt (lb/ft)	Flat	Max Coax/ Row	Dist Between Rows(in)	Dist Between Cols(in)	Azimuth (deg)	Dist From Face (in)	Exposed To Wind	Carrier
0.00	148.00	2	7/8" Coax	1.09	0.33	N	0	0	0	0	0	N	TOWN OF CANTO

Elev From (ft)	Elev To (ft)	Qty	Description	Coax Dia (in)	Coax Wt (lb/ft)	Flat	Max Coax/ Row	Dist Between Rows(in)	Dist Between Cols(in)	Azimuth (deg)	Dist From Face (in)	Exposed To Wind	Carrier
0.00	130.00	10	7/8" Coax	1.09	0.33	N	0	0	0	0	0	N	AT&T MOBILITY
0.00	130.00	4	0.82" (20.8mm) 8 AWG	0.82	0.62	N	0	0	0	0	0	N	AT&T MOBILITY
0.00	130.00	3	0.41" (10.3mm) Fiber	0.41	0.09	N	0	0	0	0	0	N	AT&T MOBILITY
0.00	130.00	2	2" conduit	2.38	3.65	N	0	0	0	0	0	N	AT&T MOBILITY
0.00	130.00	2	0.92" (23.4mm) Cable	0.92	0.89	N	0	0	0	0	0	N	AT&T MOBILITY
0.00	120.00	6	1 5/8" Coax	1.98	0.82	N	6	1	1	90	1	Y	VERIZON WIREL
0.00	120.00	2	1 5/8" Hybriflex	1.98	1.3	N	0	0	0	0	0	N	VERIZON WIREL
0.00	120.00	1	1/2" Coax	0.63	0.15	N	0	0	0	0	0	N	VERIZON WIREL
0.00	100.00	3	1.99" (50.7mm) Hybrid	1.99	1.9	N	0	0	0	0	0	N	T-MOBILE
0.00	90.00	4	1 1/4" Hybriflex Cabl	1.54	1	N	0	0	0	0	0	N	SPRINT NEXTEL
0.00	90.00	1	1/2" Coax	0.63	0.15	N	0	0	0	0	0	N	SPRINT NEXTEL
0.00	80.00	1	1.60" (40.6mm) Hybrid	1.6	2.34	N	0	0	0	0	0	N	DISH WIRELESS

SEGMENT PROPERTIES

(Max Len: 5.ft)

Seg Top Elev (ft)	Description	Thick (in)	Flat Dia (in)	Area (in^2)	Ix (in^4)	W/t Ratio	D/t Ratio	F'y (ksi)	S (in^3)	Z (in^3)	Weight (lb)
0.00		0.5000	51.000	80.141	25,821.90	16.57	102.00	81.9	997.2	0.0	0.0
5.00		0.5000	49.754	78.164	23,958.00	16.14	99.51	82.4	948.4	0.0	1,346.7
10.00		0.5000	48.509	76.187	22,186.00	15.70	97.02	82.6	900.8	0.0	1,313.1
15.00		0.5000	47.263	74.211	20,503.70	15.26	94.53	82.6	854.5	0.0	1,279.4
20.00		0.5000	46.018	72.234	18,908.50	14.82	92.04	82.6	809.3	0.0	1,245.8
25.00		0.5000	44.772	70.258	17,398.40	14.38	89.54	82.6	765.4	0.0	1,212.2
30.00		0.5000	43.527	68.281	15,970.90	13.94	87.05	82.6	722.7	0.0	1,178.5
35.00		0.5000	42.281	66.304	14,623.60	13.50	84.56	82.6	681.2	0.0	1,144.9
39.94	Bot - Section 2	0.5000	41.051	64.351	13,369.10	13.07	82.10	82.6	641.5	0.0	1,098.2
40.00		0.5000	41.036	64.328	13,354.40	13.06	82.07	82.6	641.0	0.0	24.9
45.00		0.5000	39.790	62.351	12,160.80	12.62	79.58	82.6	602.0	0.0	2,042.7
45.68	Top - Section 1	0.4375	40.495	55.623	11,276.60	14.91	92.56	82.6	548.5	0.0	273.9
50.00		0.4375	39.420	54.129	10,392.40	14.48	90.10	82.6	519.3	0.0	806.3
55.00		0.4375	38.174	52.400	9,427.70	13.97	87.25	82.6	486.4	0.0	906.2
60.00		0.4375	36.928	50.670	8,524.60	13.47	84.41	82.6	454.7	0.0	876.8
65.00		0.4375	35.683	48.941	7,681.20	12.97	81.56	82.6	424.0	0.0	847.4
70.00		0.4375	34.437	47.211	6,895.30	12.47	78.71	82.6	394.4	0.0	818.0
75.00		0.4375	33.192	45.482	6,164.90	11.97	75.87	82.6	365.8	0.0	788.5
79.52	Bot - Section 3	0.4375	32.067	43.920	5,551.30	11.51	73.30	82.6	341.0	0.0	686.9
80.00		0.4375	31.946	43.752	5,488.00	11.46	73.02	82.6	338.4	0.0	125.1
84.10	Top - Section 2	0.3125	31.549	30.981	3,819.20	16.39	100.96	82.1	238.4	0.0	1,040.9
85.00		0.3125	31.326	30.760	3,737.90	16.26	100.24	82.3	235.0	0.0	94.1
90.00		0.3125	30.080	29.525	3,305.40	15.56	96.26	82.6	216.4	0.0	512.8
95.00		0.3125	28.835	28.289	2,907.60	14.86	92.27	82.6	198.6	0.0	491.8
100.00		0.3125	27.589	27.054	2,543.10	14.16	88.28	82.6	181.6	0.0	470.8
105.00		0.3125	26.343	25.819	2,210.40	13.45	84.30	82.6	165.3	0.0	449.8
110.00		0.3125	25.098	24.583	1,908.00	12.75	80.31	82.6	149.7	0.0	428.8
115.00		0.3125	23.852	23.348	1,634.60	12.05	76.33	82.6	135.0	0.0	407.7
115.04	Bot - Section 4	0.3125	23.841	23.337	1,632.30	12.04	76.29	82.6	134.8	0.0	3.5
118.00		0.3125	23.105	22.607	1,483.80	11.63	73.94	82.6	126.5	0.0	372.7
118.58	Top - Section 3	0.1875	23.337	13.776	932.70	20.54	124.46	77.2	78.7	0.0	71.2
120.00		0.1875	22.982	13.565	890.50	20.20	122.57	77.6	76.3	0.0	66.3
122.00		0.1875	22.484	13.268	833.40	19.73	119.91	78.2	73.0	0.0	91.3
125.00		0.1875	21.736	12.824	752.30	19.03	115.93	79	68.2	0.0	133.2
128.00		0.1875	20.989	12.379	676.70	18.33	111.94	79.8	63.5	0.0	128.6
130.00		0.1875	20.491	12.083	629.30	17.86	109.28	80.4	60.5	0.0	83.2
132.00		0.1875	19.992	11.786	584.10	17.39	106.63	80.9	57.5	0.0	81.2
135.00		0.1875	19.245	11.341	520.40	16.69	102.64	81.8	53.3	0.0	118.0
140.00		0.1875	18.000	10.600	424.90	15.52	96.00	82.6	46.5	0.0	186.7
									Totals:		23,248.1

Load Case: 1.2D + 1.0W 116 mph wind with no ice 23 Iterations
Gust Response Factor: 1.10
Dead load Factor: 1.20
Wind Load Factor: 1.00

CALCULATED FORCES

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (ft-kips)	Mu MZ (ft-kips)	Mu MX (ft-kips)	Resultant Moment (ft-kips)	Phi Pn (kips)	Phi Vn (kips)	Phi Tn (ft-kips)	Phi Mn (ft-kips)	Total Deflect (in)	Rotation (deg)	Ratio
0.00	-56.52	-27.31	0.00	-2,770.8	0.00	2,770.79	5,907.57	1,406.47	6,415.71	6,125.97	0	0	0.462
5.00	-54.62	-27.07	0.00	-2,634.2	0.00	2,634.22	5,798.21	1,371.78	6,103.18	5,862.82	0.08	-0.15	0.459
10.00	-52.76	-26.84	0.00	-2,498.9	0.00	2,498.86	5,660.34	1,337.09	5,798.45	5,577.22	0.32	-0.3	0.458
15.00	-50.94	-26.60	0.00	-2,364.7	0.00	2,364.68	5,513.49	1,302.40	5,501.53	5,290.13	0.72	-0.46	0.457
20.00	-49.16	-26.37	0.00	-2,231.7	0.00	2,231.68	5,366.64	1,267.71	5,212.41	5,010.63	1.28	-0.62	0.455
25.00	-47.43	-26.14	0.00	-2,099.8	0.00	2,099.84	5,219.78	1,233.02	4,931.09	4,738.71	2.02	-0.78	0.453
30.00	-45.73	-25.91	0.00	-1,969.1	0.00	1,969.14	5,072.93	1,198.33	4,657.58	4,474.38	2.92	-0.95	0.450
35.00	-44.07	-25.68	0.00	-1,839.6	0.00	1,839.58	4,926.08	1,163.64	4,391.87	4,217.63	4	-1.12	0.446
39.94	-42.51	-25.54	0.00	-1,712.7	0.00	1,712.73	4,780.98	1,129.37	4,137.01	3,971.41	5.25	-1.29	0.441
40.00	-42.44	-25.43	0.00	-1,711.2	0.00	1,711.20	4,779.22	1,128.95	4,133.97	3,968.47	5.26	-1.29	0.441
45.00	-39.73	-25.23	0.00	-1,584.1	0.00	1,584.08	4,632.37	1,094.26	3,883.87	3,726.90	6.71	-1.46	0.434
45.68	-39.34	-25.11	0.00	-1,566.9	0.00	1,566.86	4,132.51	976.18	3,532.26	3,395.74	6.92	-1.49	0.472
50.00	-38.12	-24.87	0.00	-1,458.4	0.00	1,458.45	4,021.55	949.97	3,345.15	3,214.87	8.34	-1.64	0.464
55.00	-36.75	-24.60	0.00	-1,334.1	0.00	1,334.12	3,893.05	919.62	3,134.83	3,011.61	10.16	-1.83	0.453
60.00	-35.42	-24.33	0.00	-1,211.1	0.00	1,211.12	3,764.55	889.26	2,931.34	2,814.98	12.19	-2.03	0.440
65.00	-34.12	-24.06	0.00	-1,089.5	0.00	1,089.46	3,636.06	858.91	2,734.68	2,624.99	14.41	-2.22	0.425
70.00	-32.86	-23.78	0.00	-969.2	0.00	969.18	3,507.56	828.56	2,544.85	2,441.64	16.84	-2.41	0.407
75.00	-31.64	-23.51	0.00	-850.3	0.00	850.28	3,379.07	798.20	2,361.84	2,264.93	19.47	-2.6	0.386
79.52	-30.60	-23.35	0.00	-744.1	0.00	744.10	3,263.02	770.79	2,202.43	2,111.04	22	-2.76	0.363
80.00	-26.75	-20.89	0.00	-732.8	0.00	732.80	3,250.57	767.85	2,185.66	2,094.86	22.28	-2.78	0.359
84.10	-25.32	-20.69	0.00	-647.1	0.00	647.06	2,289.83	543.72	1,534.13	1,468.57	24.74	-2.93	0.453
85.00	-25.13	-20.55	0.00	-628.5	0.00	628.52	2,277.57	539.84	1,512.29	1,450.16	25.29	-2.96	0.446
90.00	-20.28	-18.25	0.00	-522.4	0.00	522.45	2,193.54	518.16	1,393.28	1,340.00	28.51	-3.18	0.400
95.00	-19.47	-17.96	0.00	-431.2	0.00	431.20	2,101.75	496.48	1,279.14	1,229.65	31.96	-3.39	0.361
100.00	-14.48	-14.29	0.00	-341.4	0.00	341.38	2,009.97	474.80	1,169.88	1,124.05	35.61	-3.58	0.312
105.00	-13.78	-13.99	0.00	-269.9	0.00	269.91	1,918.19	453.11	1,065.49	1,023.18	39.44	-3.75	0.272
110.00	-13.11	-13.67	0.00	-200.0	0.00	199.98	1,826.40	431.43	965.98	927.05	43.45	-3.9	0.224
115.00	-12.48	-13.49	0.00	-131.6	0.00	131.63	1,734.62	409.75	871.35	835.67	47.6	-4.02	0.166
115.04	-12.47	-13.40	0.00	-131.0	0.00	131.04	1,733.81	409.56	870.54	834.88	47.63	-4.02	0.165
118.00	-11.93	-13.22	0.00	-91.4	0.00	91.43	1,679.55	396.74	816.91	783.11	50.14	-4.08	0.125
118.58	-11.83	-13.16	0.00	-83.8	0.00	83.82	957.75	241.77	505.52	456.08	50.63	-4.09	0.199
120.00	-6.49	-6.34	0.00	-65.1	0.00	65.07	947.86	238.07	490.14	444.39	51.86	-4.11	0.154
122.00	-6.07	-5.95	0.00	-52.4	0.00	52.39	933.73	232.86	468.95	428.12	53.58	-4.15	0.130
125.00	-5.87	-5.79	0.00	-34.5	0.00	34.54	911.97	225.06	438.05	404.01	56.2	-4.19	0.093
128.00	-5.44	-5.42	0.00	-17.2	0.00	17.18	889.55	217.25	408.19	380.29	58.85	-4.22	0.052
130.00	-0.88	-1.02	0.00	-6.3	0.00	6.34	874.24	212.05	388.88	364.72	60.62	-4.23	0.018
132.00	-0.51	-0.66	0.00	-4.3	0.00	4.29	858.63	206.84	370.03	349.33	62.39	-4.24	0.013
135.00	-0.38	-0.46	0.00	-2.3	0.00	2.32	834.67	199.04	342.63	326.65	65.05	-4.24	0.008
140.00	0.00	-0.44	0.00	0.0	0.00	0.00	787.53	186.03	299.32	287.86	69.49	-4.24	0.000

Load Case: 0.9D + 1.0W 116 mph wind with no ice 23 Iterations
Gust Response Factor: 1.10
Dead load Factor: 0.90
Wind Load Factor: 1.00

CALCULATED FORCES

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (ft-kips)	Mu MZ (ft-kips)	Mu MX (ft-kips)	Resultant Moment (ft-kips)	Phi Pn (kips)	Phi Vn (kips)	Phi Tn (ft-kips)	Phi Mn (ft-kips)	Total Deflect (in)	Rotation (deg)	Ratio
0.00	-42.38	-27.29	0.00	-2,738.6	0.00	2,738.60	5,907.57	1,406.47	6,415.71	6,125.97	0	0	0.455
5.00	-40.94	-27.02	0.00	-2,602.1	0.00	2,602.13	5,798.21	1,371.78	6,103.18	5,862.82	0.08	-0.15	0.451
10.00	-39.53	-26.74	0.00	-2,467.0	0.00	2,467.04	5,660.34	1,337.09	5,798.45	5,577.22	0.31	-0.3	0.450
15.00	-38.15	-26.48	0.00	-2,333.3	0.00	2,333.33	5,513.49	1,302.40	5,501.53	5,290.13	0.71	-0.45	0.448
20.00	-36.80	-26.21	0.00	-2,201.0	0.00	2,200.95	5,366.64	1,267.71	5,212.41	5,010.63	1.27	-0.61	0.447
25.00	-35.48	-25.95	0.00	-2,069.9	0.00	2,069.89	5,219.78	1,233.02	4,931.09	4,738.71	1.99	-0.77	0.444
30.00	-34.19	-25.70	0.00	-1,940.1	0.00	1,940.12	5,072.93	1,198.33	4,657.58	4,474.38	2.88	-0.93	0.441
35.00	-32.93	-25.43	0.00	-1,811.6	0.00	1,811.65	4,926.08	1,163.64	4,391.87	4,217.63	3.95	-1.1	0.437
39.94	-31.75	-25.29	0.00	-1,686.0	0.00	1,686.00	4,780.98	1,129.37	4,137.01	3,971.41	5.18	-1.27	0.432
40.00	-31.69	-25.16	0.00	-1,684.5	0.00	1,684.49	4,779.22	1,128.95	4,133.97	3,968.47	5.2	-1.27	0.432
45.00	-29.65	-24.96	0.00	-1,558.7	0.00	1,558.71	4,632.37	1,094.26	3,883.87	3,726.90	6.62	-1.44	0.425
45.68	-29.35	-24.82	0.00	-1,541.7	0.00	1,541.68	4,132.51	976.18	3,532.26	3,395.74	6.83	-1.47	0.462
50.00	-28.42	-24.56	0.00	-1,434.5	0.00	1,434.50	4,021.55	949.97	3,345.15	3,214.87	8.23	-1.62	0.454
55.00	-27.38	-24.27	0.00	-1,311.7	0.00	1,311.70	3,893.05	919.62	3,134.83	3,011.61	10.02	-1.81	0.443
60.00	-26.36	-23.98	0.00	-1,190.4	0.00	1,190.35	3,764.55	889.26	2,931.34	2,814.98	12.02	-2	0.431
65.00	-25.37	-23.69	0.00	-1,070.4	0.00	1,070.45	3,636.06	858.91	2,734.68	2,624.99	14.21	-2.19	0.416
70.00	-24.42	-23.39	0.00	-952.0	0.00	952.02	3,507.56	828.56	2,544.85	2,441.64	16.6	-2.37	0.398
75.00	-23.49	-23.11	0.00	-835.0	0.00	835.05	3,379.07	798.20	2,361.84	2,264.93	19.19	-2.56	0.376
79.52	-22.70	-22.95	0.00	-730.7	0.00	730.68	3,263.02	770.79	2,202.43	2,111.04	21.69	-2.72	0.354
80.00	-19.84	-20.53	0.00	-719.6	0.00	719.56	3,250.57	767.85	2,185.66	2,094.86	21.96	-2.74	0.350
84.10	-18.76	-20.34	0.00	-635.3	0.00	635.31	2,289.83	543.72	1,534.13	1,468.57	24.38	-2.88	0.442
85.00	-18.61	-20.19	0.00	-617.1	0.00	617.09	2,277.57	539.84	1,512.29	1,450.16	24.93	-2.91	0.435
90.00	-14.98	-17.93	0.00	-512.8	0.00	512.85	2,193.54	518.16	1,393.28	1,340.00	28.1	-3.13	0.391
95.00	-14.37	-17.64	0.00	-423.2	0.00	423.19	2,101.75	496.48	1,279.14	1,229.65	31.48	-3.33	0.352
100.00	-10.66	-14.04	0.00	-335.0	0.00	335.00	2,009.97	474.80	1,169.88	1,124.05	35.07	-3.52	0.304
105.00	-10.13	-13.73	0.00	-264.8	0.00	264.82	1,918.19	453.11	1,065.49	1,023.18	38.85	-3.69	0.265
110.00	-9.63	-13.42	0.00	-196.2	0.00	196.17	1,826.40	431.43	965.98	927.05	42.79	-3.83	0.218
115.00	-9.16	-13.24	0.00	-129.1	0.00	129.09	1,734.62	409.75	871.35	835.67	46.87	-3.95	0.161
115.04	-9.15	-13.15	0.00	-128.5	0.00	128.50	1,733.81	409.56	870.54	834.88	46.91	-3.96	0.160
118.00	-8.74	-12.99	0.00	-89.6	0.00	89.63	1,679.55	396.74	816.91	783.11	49.37	-4.01	0.121
118.58	-8.67	-12.92	0.00	-82.2	0.00	82.15	957.75	241.77	505.52	456.08	49.86	-4.02	0.192
120.00	-4.77	-6.21	0.00	-63.8	0.00	63.75	947.86	238.07	490.14	444.39	51.06	-4.04	0.149
122.00	-4.46	-5.82	0.00	-51.3	0.00	51.32	933.73	232.86	468.95	428.12	52.76	-4.08	0.125
125.00	-4.31	-5.67	0.00	-33.8	0.00	33.85	911.97	225.06	438.05	404.01	55.33	-4.12	0.089
128.00	-3.99	-5.31	0.00	-16.8	0.00	16.85	889.55	217.25	408.19	380.29	57.93	-4.15	0.049
130.00	-0.64	-1.01	0.00	-6.2	0.00	6.23	874.24	212.05	388.88	364.72	59.67	-4.16	0.018
132.00	-0.37	-0.64	0.00	-4.2	0.00	4.22	858.63	206.84	370.03	349.33	61.42	-4.17	0.013
135.00	-0.28	-0.46	0.00	-2.3	0.00	2.28	834.67	199.04	342.63	326.65	64.03	-4.17	0.007
140.00	0.00	-0.44	0.00	0.0	0.00	0.00	787.53	186.03	299.32	287.86	68.4	-4.17	0.000

Load Case: 1.2D + 1.0Di + 1.0Wi		50 mph wind with 1.5" radial ice			23 Iterations
Gust Response Factor:	1.10	Ice Dead Load Factor	1.00		
Dead load Factor:	1.20			Ice Importance Factor	1.00
Wind Load Factor:	1.00				

CALCULATED FORCES

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (ft-kips)	Mu MZ (ft-kips)	Mu MX (ft-kips)	Resultant Moment (ft-kips)	Phi Pn (kips)	Phi Vn (kips)	Phi Tn (ft-kips)	Phi Mn (ft-kips)	Total Deflect (in)	Rotation (deg)	Ratio
0.00	-85.64	-7.96	0.00	-818.7	0.00	818.66	5,907.57	1,406.47	6,415.71	6,125.97	0	0	0.148
5.00	-83.35	-7.90	0.00	-778.8	0.00	778.85	5,798.21	1,371.78	6,103.18	5,862.82	0.02	-0.04	0.147
10.00	-81.06	-7.85	0.00	-739.3	0.00	739.34	5,660.34	1,337.09	5,798.45	5,577.22	0.09	-0.09	0.147
15.00	-78.80	-7.79	0.00	-700.1	0.00	700.11	5,513.49	1,302.40	5,501.53	5,290.13	0.21	-0.14	0.147
20.00	-76.58	-7.73	0.00	-661.2	0.00	661.18	5,366.64	1,267.71	5,212.41	5,010.63	0.38	-0.18	0.146
25.00	-74.39	-7.67	0.00	-622.5	0.00	622.53	5,219.78	1,233.02	4,931.09	4,738.71	0.6	-0.23	0.146
30.00	-72.24	-7.62	0.00	-584.2	0.00	584.16	5,072.93	1,198.33	4,657.58	4,474.38	0.86	-0.28	0.145
35.00	-70.14	-7.56	0.00	-546.1	0.00	546.07	4,926.08	1,163.64	4,391.87	4,217.63	1.18	-0.33	0.144
39.94	-68.11	-7.52	0.00	-508.7	0.00	508.74	4,780.98	1,129.37	4,137.01	3,971.41	1.55	-0.38	0.142
40.00	-68.07	-7.49	0.00	-508.3	0.00	508.29	4,779.22	1,128.95	4,133.97	3,968.47	1.56	-0.38	0.142
45.00	-64.89	-7.44	0.00	-470.8	0.00	470.83	4,632.37	1,094.26	3,883.87	3,726.90	1.99	-0.43	0.140
45.68	-64.46	-7.41	0.00	-465.8	0.00	465.75	4,132.51	976.18	3,532.26	3,395.74	2.05	-0.44	0.153
50.00	-62.87	-7.34	0.00	-433.8	0.00	433.77	4,021.55	949.97	3,345.15	3,214.87	2.47	-0.49	0.151
55.00	-61.07	-7.27	0.00	-397.0	0.00	397.05	3,893.05	919.62	3,134.83	3,011.61	3.01	-0.54	0.148
60.00	-59.31	-7.20	0.00	-360.7	0.00	360.69	3,764.55	889.26	2,931.34	2,814.98	3.61	-0.6	0.144
65.00	-57.60	-7.12	0.00	-324.7	0.00	324.69	3,636.06	858.91	2,734.68	2,624.99	4.27	-0.66	0.140
70.00	-55.93	-7.05	0.00	-289.1	0.00	289.07	3,507.56	828.56	2,544.85	2,441.64	4.99	-0.72	0.134
75.00	-54.30	-6.97	0.00	-253.8	0.00	253.84	3,379.07	798.20	2,361.84	2,264.93	5.77	-0.77	0.128
79.52	-52.88	-6.92	0.00	-222.4	0.00	222.36	3,263.02	770.79	2,202.43	2,111.04	6.53	-0.82	0.122
80.00	-46.54	-6.24	0.00	-219.0	0.00	219.01	3,250.57	767.85	2,185.66	2,094.86	6.61	-0.83	0.119
84.10	-44.76	-6.18	0.00	-193.4	0.00	193.41	2,289.83	543.72	1,534.13	1,468.57	7.34	-0.87	0.151
85.00	-44.53	-6.14	0.00	-187.9	0.00	187.87	2,277.57	539.84	1,512.29	1,450.16	7.5	-0.88	0.149
90.00	-36.62	-5.40	0.00	-156.3	0.00	156.33	2,193.54	518.16	1,393.28	1,340.00	8.46	-0.95	0.133
95.00	-35.43	-5.32	0.00	-129.3	0.00	129.31	2,101.75	496.48	1,279.14	1,229.65	9.49	-1.01	0.122
100.00	-26.69	-4.30	0.00	-102.7	0.00	102.73	2,009.97	474.80	1,169.88	1,124.05	10.57	-1.06	0.105
105.00	-25.60	-4.21	0.00	-81.2	0.00	81.20	1,918.19	453.11	1,065.49	1,023.18	11.72	-1.12	0.093
110.00	-24.55	-4.11	0.00	-60.2	0.00	60.17	1,826.40	431.43	965.98	927.05	12.91	-1.16	0.078
115.00	-23.54	-4.04	0.00	-39.6	0.00	39.64	1,734.62	409.75	871.35	835.67	14.15	-1.2	0.061
115.04	-23.53	-4.02	0.00	-39.5	0.00	39.46	1,733.81	409.56	870.54	834.88	14.16	-1.2	0.061
118.00	-22.72	-3.96	0.00	-27.6	0.00	27.58	1,679.55	396.74	816.91	783.11	14.91	-1.22	0.049
118.58	-22.57	-3.94	0.00	-25.3	0.00	25.30	957.75	241.77	505.52	456.08	15.05	-1.22	0.079
120.00	-12.62	-1.88	0.00	-19.7	0.00	19.69	947.86	238.07	490.14	444.39	15.42	-1.22	0.058
122.00	-11.82	-1.76	0.00	-15.9	0.00	15.92	933.73	232.86	468.95	428.12	15.93	-1.24	0.050
125.00	-11.45	-1.71	0.00	-10.6	0.00	10.63	911.97	225.06	438.05	404.01	16.71	-1.25	0.039
128.00	-10.61	-1.59	0.00	-5.5	0.00	5.51	889.55	217.25	408.19	380.29	17.5	-1.26	0.026
130.00	-1.80	-0.36	0.00	-2.3	0.00	2.33	874.24	212.05	388.88	364.72	18.03	-1.26	0.008
132.00	-1.06	-0.25	0.00	-1.6	0.00	1.61	858.63	206.84	370.03	349.33	18.56	-1.26	0.006
135.00	-0.78	-0.17	0.00	-0.9	0.00	0.87	834.67	199.04	342.63	326.65	19.36	-1.27	0.004
140.00	0.00	-0.16	0.00	0.0	0.00	0.00	787.53	186.03	299.32	287.86	20.68	-1.27	0.000

Load Case: 1.0D + 1.0W 60 mph Wind with No Ice 22 Iterations
Gust Response Factor: 1.10
Dead load Factor: 1.00
Wind Load Factor: 1.00

CALCULATED FORCES

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (ft-kips)	Mu MZ (ft-kips)	Mu MX (ft-kips)	Resultant Moment (ft-kips)	Phi Pn (kips)	Phi Vn (kips)	Phi Tn (ft-kips)	Phi Mn (ft-kips)	Total Deflect (in)	Rotation (deg)	Ratio
0.00	-47.13	-6.53	0.00	-658.5	0.00	658.51	5,907.57	1,406.47	6,415.71	6,125.97	0	0	0.115
5.00	-45.60	-6.47	0.00	-625.8	0.00	625.83	5,798.21	1,371.78	6,103.18	5,862.82	0.02	-0.04	0.115
10.00	-44.11	-6.41	0.00	-593.5	0.00	593.48	5,660.34	1,337.09	5,798.45	5,577.22	0.08	-0.07	0.114
15.00	-42.65	-6.35	0.00	-561.4	0.00	561.44	5,513.49	1,302.40	5,501.53	5,290.13	0.17	-0.11	0.114
20.00	-41.22	-6.29	0.00	-529.7	0.00	529.70	5,366.64	1,267.71	5,212.41	5,010.63	0.3	-0.15	0.113
25.00	-39.82	-6.23	0.00	-498.3	0.00	498.27	5,219.78	1,233.02	4,931.09	4,738.71	0.48	-0.19	0.113
30.00	-38.46	-6.17	0.00	-467.1	0.00	467.13	5,072.93	1,198.33	4,657.58	4,474.38	0.69	-0.22	0.112
35.00	-37.14	-6.11	0.00	-436.3	0.00	436.28	4,926.08	1,163.64	4,391.87	4,217.63	0.95	-0.26	0.111
39.94	-35.86	-6.07	0.00	-406.1	0.00	406.11	4,780.98	1,129.37	4,137.01	3,971.41	1.25	-0.31	0.110
40.00	-35.83	-6.04	0.00	-405.8	0.00	405.75	4,779.22	1,128.95	4,133.97	3,968.47	1.25	-0.31	0.110
45.00	-33.61	-6.00	0.00	-375.5	0.00	375.52	4,632.37	1,094.26	3,883.87	3,726.90	1.59	-0.35	0.108
45.68	-33.31	-5.97	0.00	-371.4	0.00	371.43	4,132.51	976.18	3,532.26	3,395.74	1.64	-0.35	0.117
50.00	-32.34	-5.91	0.00	-345.7	0.00	345.67	4,021.55	949.97	3,345.15	3,214.87	1.98	-0.39	0.116
55.00	-31.25	-5.84	0.00	-316.2	0.00	316.15	3,893.05	919.62	3,134.83	3,011.61	2.41	-0.44	0.113
60.00	-30.20	-5.77	0.00	-287.0	0.00	286.95	3,764.55	889.26	2,931.34	2,814.98	2.89	-0.48	0.110
65.00	-29.17	-5.70	0.00	-258.1	0.00	258.10	3,636.06	858.91	2,734.68	2,624.99	3.42	-0.53	0.106
70.00	-28.17	-5.64	0.00	-229.6	0.00	229.58	3,507.56	828.56	2,544.85	2,441.64	4	-0.57	0.102
75.00	-27.20	-5.57	0.00	-201.4	0.00	201.41	3,379.07	798.20	2,361.84	2,264.93	4.62	-0.62	0.097
79.52	-26.35	-5.53	0.00	-176.3	0.00	176.26	3,263.02	770.79	2,202.43	2,111.04	5.22	-0.66	0.092
80.00	-23.08	-4.95	0.00	-173.6	0.00	173.58	3,250.57	767.85	2,185.66	2,094.86	5.29	-0.66	0.090
84.10	-21.90	-4.90	0.00	-153.3	0.00	153.27	2,289.83	543.72	1,534.13	1,468.57	5.87	-0.69	0.114
85.00	-21.77	-4.87	0.00	-148.9	0.00	148.88	2,277.57	539.84	1,512.29	1,450.16	6	-0.7	0.112
90.00	-17.69	-4.32	0.00	-123.8	0.00	123.75	2,193.54	518.16	1,393.28	1,340.00	6.77	-0.75	0.100
95.00	-17.05	-4.25	0.00	-102.1	0.00	102.13	2,101.75	496.48	1,279.14	1,229.65	7.58	-0.8	0.091
100.00	-12.75	-3.39	0.00	-80.9	0.00	80.86	2,009.97	474.80	1,169.88	1,124.05	8.45	-0.85	0.078
105.00	-12.18	-3.31	0.00	-63.9	0.00	63.93	1,918.19	453.11	1,065.49	1,023.18	9.36	-0.89	0.069
110.00	-11.64	-3.24	0.00	-47.4	0.00	47.36	1,826.40	431.43	965.98	927.05	10.31	-0.92	0.058
115.00	-11.11	-3.20	0.00	-31.2	0.00	31.17	1,734.62	409.75	871.35	835.67	11.29	-0.95	0.044
115.04	-11.11	-3.18	0.00	-31.0	0.00	31.03	1,733.81	409.56	870.54	834.88	11.3	-0.95	0.044
118.00	-10.65	-3.13	0.00	-21.6	0.00	21.65	1,679.55	396.74	816.91	783.11	11.9	-0.97	0.034
118.58	-10.57	-3.12	0.00	-19.8	0.00	19.84	957.75	241.77	505.52	456.08	12.01	-0.97	0.055
120.00	-5.75	-1.50	0.00	-15.4	0.00	15.40	947.86	238.07	490.14	444.39	12.3	-0.97	0.041
122.00	-5.39	-1.41	0.00	-12.4	0.00	12.40	933.73	232.86	468.95	428.12	12.71	-0.98	0.035
125.00	-5.21	-1.37	0.00	-8.2	0.00	8.18	911.97	225.06	438.05	404.01	13.34	-0.99	0.026
128.00	-4.83	-1.28	0.00	-4.1	0.00	4.07	889.55	217.25	408.19	380.29	13.96	-1	0.016
130.00	-0.79	-0.24	0.00	-1.5	0.00	1.50	874.24	212.05	388.88	364.72	14.38	-1	0.005
132.00	-0.46	-0.16	0.00	-1.0	0.00	1.02	858.63	206.84	370.03	349.33	14.8	-1	0.003
135.00	-0.34	-0.11	0.00	-0.6	0.00	0.55	834.67	199.04	342.63	326.65	15.43	-1.01	0.002
140.00	0.00	-0.10	0.00	0.0	0.00	0.00	787.53	186.03	299.32	287.86	16.49	-1.01	0.000

EQUIVALENT LATERAL FORCES METHOD ANALYSIS

(Based on ASCE7-16 Chapters 11, 12 and 15)

Spectral Response Acceleration for Short Period (S_S):	0.177
Spectral Response Acceleration at 1.0 Second Period (S_1):	0.054
Long-Period Transition Period (T_L – Seconds):	6
Importance Factor (I_e):	1.000
Site Coefficient F_a:	1.600
Site Coefficient F_v:	2.400
Response Modification Coefficient (R):	1.500
Design Spectral Response Acceleration at Short Period (S_{ds}):	0.189
Design Spectral Response Acceleration at 1.0 Second Period (S_{d1}):	0.086
Seismic Response Coefficient (C_s):	0.030
Upper Limit C_S:	0.030
Lower Limit C_S:	0.030
Period based on Rayleigh Method (sec):	2.200
Redundancy Factor (p):	1.000
Seismic Force Distribution Exponent (k):	1.850
Total Unfactored Dead Load:	47.130 k
Seismic Base Shear (E):	1.410 k

1.2D + 1.0Ev + 1.0Eh **Seismic**

Segment	Height Above Base (ft)	Weight (lb)	W_z (lb-ft)	C_{vx}	Horizontal Force (lb)	Vertical Force (lb)
38	137.5	190	1,708	0.010	14	235
37	133.5	120	1,022	0.006	8	149
36	131	83	679	0.004	6	102
35	129	115	918	0.005	8	142
34	126.5	176	1,357	0.008	11	218
33	123.5	181	1,331	0.008	11	223
32	121	123	872	0.005	7	152
31	119.2878	100	689	0.004	6	123
30	118.2878	85	577	0.003	5	105
29	116.5222	442	2,927	0.017	24	547
28	115.0222	5	29	0.000	0	6
27	112.5	525	3,258	0.019	27	650
26	107.5	546	3,115	0.018	26	676
25	102.5	567	2,962	0.017	25	702
24	97.5	617	2,937	0.017	24	763
23	92.5	638	2,755	0.016	23	789
22	87.5	679	2,649	0.016	22	841
21	84.5521	124	454	0.003	4	153
20	82.0521	1,178	4,077	0.024	34	1,458
19	79.7578	142	468	0.003	4	176
18	77.2578	848	2,626	0.015	22	1,049
17	72.5	967	2,662	0.016	22	1,197
16	67.5	996	2,404	0.014	20	1,233
15	62.5	1,026	2,147	0.013	18	1,269
14	57.5	1,055	1,893	0.011	16	1,306
13	52.5	1,084	1,644	0.010	14	1,342
12	47.8412	960	1,226	0.007	10	1,188
11	45.3412	298	345	0.002	3	369
10	42.5	2,221	2,278	0.013	19	2,749
9	39.9701	27	25	0.000	0	33
8	37.4701	1,274	1,035	0.006	9	1,577
7	32.5	1,323	826	0.005	7	1,638
6	27.5	1,357	622	0.004	5	1,679
5	22.5	1,390	440	0.003	4	1,721

Segment	Height Above Base (ft)	Weight (lb)	W_z (lb-ft)	C_{vx}	Horizontal Force (lb)	Vertical Force (lb)
4	17.5	1,424	283	0.002	2	1,763
3	12.5	1,458	156	0.001	1	1,804
2	7.5	1,491	62	0.000	1	1,846
1	2.5	1,525	8	0.000	0	1,888
Generic 18' Omni	140	55	511	0.003	4	68
Stand-Off	140	100	930	0.006	8	124
Ericsson Air 6449 B77D	132	245	2,041	0.012	17	303
Raycap DC6-48-60-18-8F	130	40	324	0.002	3	50
Ericsson RRUS 8843 B2, B66A	130	216	1,751	0.010	15	267
Ericsson RRUS 4449 B5, B12	130	213	1,727	0.010	14	264
Ericsson RRUS 4478 B14	130	178	1,445	0.008	12	221
Ericsson RRUS 32 B30	130	180	1,459	0.009	12	223
Raycap DC9-48-60-24-8C-EV	130	16	130	0.001	1	20
Kathrein Scala 840370799	130	317	2,573	0.015	21	393
CCI DMP65R-BU8D	130	287	2,328	0.014	19	355
Generic Flat Platform with Handrails	130	2,500	20,268	0.119	168	3,094
Generic Flat Platform with Handrails	120	2,500	17,479	0.103	145	3,094
Generic Flat Platform with Handrails	100	2,500	12,477	0.073	104	3,094
Generic Flat Platform with Handrails	80	2,500	8,259	0.048	69	3,094
Ericsson AIR 6419 B77G	128	198	1,562	0.009	13	245
Samsung MT6407-77A	122	245	1,765	0.010	15	303
Generic GPS	120	10	70	0.000	1	12
Samsung RT4401-48A	120	56	390	0.002	3	69
Samsung B2/B66A RRH-BR049	120	253	1,770	0.010	15	313
Samsung B5/B13 RRH-BR04C	120	422	2,949	0.017	24	522
Raycap RCMDC-3315-PF-48	120	43	299	0.002	2	53
Andrew LNX-6514DS-A1M	120	116	814	0.005	7	144
Commscope SBNHH-1D65B	120	304	2,127	0.012	18	377
VZW Unused Reserve (17102.97 sqin)	120	1,038	7,256	0.043	60	1,285
Samsung Outdoor CBRS 20W RRH –Clip-on Antenna	118	13	89	0.000	1	16
Ericsson 4460 BAND 2/25	100	327	1,632	0.010	14	405
Ericsson 4480 BAND 71	100	243	1,213	0.007	10	301
Ericsson AIR 6419 B41	100	250	1,247	0.007	10	309
RFS APXVAALL24 43-U-NA20	100	368	1,839	0.011	15	456
PCTEL GPS-TMG-HR-26N	90	1	2	0.000	0	1
Generic 12" x 12" Junction Box	90	30	123	0.001	1	37
Alcatel-Lucent RRH2x50-08	90	159	652	0.004	5	196
Alcatel-Lucent 800 MHz RRH	90	159	653	0.004	5	197
Alcatel-Lucent 1900 MHz 4X45 RRH	90	180	739	0.004	6	223
Alcatel-Lucent TD-RRH8x20-25 w/ Solar Shield	90	210	863	0.005	7	260
RFS APXVSPP18-C-A20	90	171	702	0.004	6	212
Generic Round Platform with Handrails	90	2,500	10,268	0.060	85	3,094
Commscope RDIDC-9181-PF-48	80	22	72	0.000	1	27
Fujitsu TA08025-B604	80	192	633	0.004	5	237
Fujitsu TA08025-B605	80	225	743	0.004	6	278
JMA Wireless MX08FRO665-21	80	194	639	0.004	5	240
		47,134	170,281	1.000	1,414	58,340

0.9D - 1.0Ev + 1.0Eh **Seismic (Reduced DL)**

Segment	Height Above Base (ft)	Weight (lb)	W_z (lb-ft)	C_{vx}	Horizontal Force (lb)	Vertical Force (lb)
38	137.5	190	1,708	0.010	14	164
37	133.5	120	1,022	0.006	8	103
36	131	83	679	0.004	6	71
35	129	115	918	0.005	8	99
34	126.5	176	1,357	0.008	11	152
33	123.5	181	1,331	0.008	11	156
32	121	123	872	0.005	7	106
31	119.2878	100	689	0.004	6	86
30	118.2878	85	577	0.003	5	73
29	116.5222	442	2,927	0.017	24	381

Segment	Height Above Base (ft)	Weight (lb)	W_z (lb-ft)	C_{vx}	Horizontal Force (lb)	Vertical Force (lb)
28	115.0222	5	29	0.000	0	4
27	112.5	525	3,258	0.019	27	453
26	107.5	546	3,115	0.018	26	471
25	102.5	567	2,962	0.017	25	489
24	97.5	617	2,937	0.017	24	532
23	92.5	638	2,755	0.016	23	550
22	87.5	679	2,649	0.016	22	586
21	84.5521	124	454	0.003	4	107
20	82.0521	1,178	4,077	0.024	34	1,015
19	79.7578	142	468	0.003	4	123
18	77.2578	848	2,626	0.015	22	731
17	72.5	967	2,662	0.016	22	834
16	67.5	996	2,404	0.014	20	859
15	62.5	1,026	2,147	0.013	18	884
14	57.5	1,055	1,893	0.011	16	910
13	52.5	1,084	1,644	0.010	14	935
12	47.8412	960	1,226	0.007	10	828
11	45.3412	298	345	0.002	3	257
10	42.5	2,221	2,278	0.013	19	1,915
9	39.9701	27	25	0.000	0	23
8	37.4701	1,274	1,035	0.006	9	1,099
7	32.5	1,323	826	0.005	7	1,141
6	27.5	1,357	622	0.004	5	1,170
5	22.5	1,390	440	0.003	4	1,199
4	17.5	1,424	283	0.002	2	1,228
3	12.5	1,458	156	0.001	1	1,257
2	7.5	1,491	62	0.000	1	1,286
1	2.5	1,525	8	0.000	0	1,315
Generic 18' Omni	140	55	511	0.003	4	47
Stand-Off	140	100	930	0.006	8	86
Ericsson Air 6449 B77D	132	245	2,041	0.012	17	211
Raycap DC6-48-60-18-8F	130	40	324	0.002	3	34
Ericsson RRUS 8843 B2, B66A	130	216	1,751	0.010	15	186
Ericsson RRUS 4449 B5, B12	130	213	1,727	0.010	14	184
Ericsson RRUS 4478 B14	130	178	1,445	0.008	12	154
Ericsson RRUS 32 B30	130	180	1,459	0.009	12	155
Raycap DC9-48-60-24-8C-EV	130	16	130	0.001	1	14
Kathrein Scala 840370799	130	317	2,573	0.015	21	274
CCI DMP65R-BU8D	130	287	2,328	0.014	19	248
Generic Flat Platform with Handrails	130	2,500	20,268	0.119	168	2,156
Generic Flat Platform with Handrails	120	2,500	17,479	0.103	145	2,156
Generic Flat Platform with Handrails	100	2,500	12,477	0.073	104	2,156
Generic Flat Platform with Handrails	80	2,500	8,259	0.048	69	2,156
Ericsson AIR 6419 B77G	128	198	1,562	0.009	13	171
Samsung MT6407-77A	122	245	1,765	0.010	15	211
Generic GPS	120	10	70	0.000	1	9
Samsung RT4401-48A	120	56	390	0.002	3	48
Samsung B2/B66A RRH-BR049	120	253	1,770	0.010	15	218
Samsung B5/B13 RRH-BR04C	120	422	2,949	0.017	24	364
Raycap RCMDC-3315-PF-48	120	43	299	0.002	2	37
Andrew LNX-6514DS-A1M	120	116	814	0.005	7	100
Commscope SBNHH-1D65B	120	304	2,127	0.012	18	262
VZW Unused Reserve (17102.97 sqin)	120	1,038	7,256	0.043	60	895
Samsung Outdoor CBRS 20W RRH –Clip-on Antenna	118	13	89	0.000	1	11
Ericsson 4460 BAND 2/25	100	327	1,632	0.010	14	282
Ericsson 4480 BAND 71	100	243	1,213	0.007	10	210
Ericsson AIR 6419 B41	100	250	1,247	0.007	10	215
RFS APXVAALL24 43-U-NA20	100	368	1,839	0.011	15	318
PCTEL GPS-TMG-HR-26N	90	1	2	0.000	0	1
Generic 12" x 12" Junction Box	90	30	123	0.001	1	26
Alcatel-Lucent RRH2x50-08	90	159	652	0.004	5	137
Alcatel-Lucent 800 MHz RRH	90	159	653	0.004	5	137
Alcatel-Lucent 1900 MHz 4X45 RRH	90	180	739	0.004	6	155
Alcatel-Lucent TD-RRH8x20-25 w/ Solar Shield	90	210	863	0.005	7	181
RFS APXVSPP18-C-A20	90	171	702	0.004	6	147
Generic Round Platform with Handrails	90	2,500	10,268	0.060	85	2,156
Commscope RDIDC-9181-PF-48	80	22	72	0.000	1	19
Fujitsu TA08025-B604	80	192	633	0.004	5	165
Fujitsu TA08025-B605	80	225	743	0.004	6	194

Segment	Height Above Base (ft)	Weight (lb)	W_z (lb-ft)	C_{vx}	Horizontal Force (lb)	Vertical Force (lb)
JMA Wireless MX08FRO665-21	80	194	639	0.004	5	167
		47,134	170,281	1.000	1,414	40,641

1.2D + 1.0Ev + 1.0Eh **Seismic**

CALCULATED FORCES

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (ft-kips)	Mu MZ (fr-kips)	Mu Mx (ft-kips)	Resultant Moment (ft-kips)	Phi Pn (kips)	Phi Vn (kips)	Phi Tn (kips)	Phi Mn (kips)	Total Deflect (in)	Rotation (deg)	Ratio
0.00	-56.45	-1.42	0.00	-153.86	0.00	153.86	5,907.57	1,406.47	6,416	6,125.97	0.00	0.00	0.04
5.00	-54.61	-1.42	0.00	-146.78	0.00	146.78	5,798.21	1,371.78	6,103	5,862.82	0.00	-0.01	0.03
10.00	-52.80	-1.43	0.00	-139.65	0.00	139.65	5,660.34	1,337.09	5,798	5,577.22	0.02	-0.02	0.03
15.00	-51.04	-1.44	0.00	-132.50	0.00	132.50	5,513.49	1,302.40	5,502	5,290.13	0.04	-0.03	0.03
20.00	-49.32	-1.44	0.00	-125.32	0.00	125.32	5,366.64	1,267.71	5,212	5,010.63	0.07	-0.03	0.03
25.00	-47.64	-1.44	0.00	-118.12	0.00	118.12	5,219.78	1,233.02	4,931	4,738.71	0.11	-0.04	0.03
30.00	-46.00	-1.44	0.00	-110.92	0.00	110.92	5,072.93	1,198.33	4,658	4,474.38	0.16	-0.05	0.03
35.00	-44.42	-1.44	0.00	-103.72	0.00	103.72	4,926.08	1,163.64	4,392	4,217.63	0.22	-0.06	0.03
39.94	-44.39	-1.44	0.00	-96.62	0.00	96.62	4,780.98	1,129.37	4,137	3,971.41	0.29	-0.07	0.03
40.00	-41.64	-1.42	0.00	-96.54	0.00	96.54	4,779.22	1,128.95	4,134	3,968.47	0.29	-0.07	0.03
45.00	-41.27	-1.42	0.00	-89.43	0.00	89.43	4,632.37	1,094.26	3,884	3,726.90	0.38	-0.08	0.03
45.68	-40.08	-1.41	0.00	-88.46	0.00	88.46	4,132.51	976.18	3,532	3,395.74	0.39	-0.08	0.04
50.00	-38.74	-1.41	0.00	-82.35	0.00	82.35	4,021.55	949.97	3,345	3,214.87	0.47	-0.09	0.04
55.00	-37.43	-1.39	0.00	-75.32	0.00	75.32	3,893.05	919.62	3,135	3,011.61	0.57	-0.10	0.04
60.00	-36.16	-1.38	0.00	-68.35	0.00	68.35	3,764.55	889.26	2,931	2,814.98	0.68	-0.11	0.03
65.00	-34.93	-1.37	0.00	-61.45	0.00	61.45	3,636.06	858.91	2,735	2,624.99	0.81	-0.12	0.03
70.00	-33.73	-1.35	0.00	-54.62	0.00	54.62	3,507.56	828.56	2,545	2,441.64	0.95	-0.14	0.03
75.00	-32.68	-1.33	0.00	-47.89	0.00	47.89	3,379.07	798.20	2,362	2,264.93	1.09	-0.15	0.03
79.52	-32.51	-1.33	0.00	-41.90	0.00	41.90	3,263.02	770.79	2,202	2,111.04	1.24	-0.16	0.03
80.00	-27.17	-1.19	0.00	-41.25	0.00	41.25	3,250.57	767.85	2,186	2,094.86	1.25	-0.16	0.03
84.10	-27.02	-1.19	0.00	-36.35	0.00	36.35	2,289.83	543.72	1,534	1,468.57	1.39	-0.16	0.04
85.00	-26.18	-1.17	0.00	-35.28	0.00	35.28	2,277.57	539.84	1,512	1,450.16	1.42	-0.17	0.04
90.00	-21.17	-1.02	0.00	-29.43	0.00	29.43	2,193.54	518.16	1,393	1,340.00	1.60	-0.18	0.03
95.00	-20.41	-1.00	0.00	-24.32	0.00	24.32	2,101.75	496.48	1,279	1,229.65	1.80	-0.19	0.03
100.00	-15.14	-0.81	0.00	-19.33	0.00	19.33	2,009.97	474.80	1,170	1,124.05	2.00	-0.20	0.03
105.00	-14.46	-0.78	0.00	-15.30	0.00	15.30	1,918.19	453.11	1,065	1,023.18	2.22	-0.21	0.02
110.00	-13.81	-0.75	0.00	-11.40	0.00	11.40	1,826.40	431.43	966	927.05	2.44	-0.22	0.02
115.00	-13.81	-0.75	0.00	-7.64	0.00	7.64	1,734.62	409.75	871	835.67	2.68	-0.23	0.02
115.04	-13.26	-0.73	0.00	-7.60	0.00	7.60	1,733.81	409.56	871	834.88	2.68	-0.23	0.02
118.00	-13.14	-0.72	0.00	-5.46	0.00	5.46	1,679.55	396.74	817	783.11	2.82	-0.23	0.02
118.58	-13.02	-0.72	0.00	-5.04	0.00	5.04	957.75	241.77	506	456.08	2.85	-0.23	0.03
120.00	-7.00	-0.41	0.00	-4.02	0.00	4.02	947.86	238.07	490	444.39	2.92	-0.23	0.02
122.00	-6.47	-0.38	0.00	-3.20	0.00	3.20	933.73	232.86	469	428.12	3.02	-0.23	0.01
125.00	-6.25	-0.37	0.00	-2.06	0.00	2.06	911.97	225.06	438	404.01	3.16	-0.24	0.01
128.00	-5.87	-0.35	0.00	-0.95	0.00	0.95	889.55	217.25	408	380.29	3.31	-0.24	0.01
130.00	-0.88	-0.06	0.00	-0.26	0.00	0.26	874.24	212.05	389	364.72	3.41	-0.24	0.00
132.00	-0.43	-0.03	0.00	-0.15	0.00	0.15	858.63	206.84	370	349.33	3.51	-0.24	0.00
135.00	-0.19	-0.01	0.00	-0.06	0.00	0.06	834.67	199.04	343	326.65	3.66	-0.24	0.00
140.00	0.00	-0.01	0.00	0.00	0.00	0.00	787.53	186.03	299	287.86	3.91	-0.24	0.00

0.9D - 1.0Ev + 1.0Eh **Seismic (Reduced DL)**

CALCULATED FORCES

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (ft-kips)	Mu MZ (fr-kips)	Mu Mx (ft-kips)	Resultant Moment (ft-kips)	Phi Pn (kips)	Phi Vn (kips)	Phi Tn (kips)	Phi Mn (kips)	Total Deflect (in)	Rotation (deg)	Ratio
0.00	-39.33	-1.42	0.00	-151.69	0.00	151.69	5,907.57	1,406.47	6,416	6,125.97	0.00	0.00	0.03
5.00	-38.04	-1.42	0.00	-144.61	0.00	144.61	5,798.21	1,371.78	6,103	5,862.82	0.00	-0.01	0.03
10.00	-36.78	-1.42	0.00	-137.51	0.00	137.51	5,660.34	1,337.09	5,798	5,577.22	0.02	-0.02	0.03
15.00	-35.55	-1.43	0.00	-130.38	0.00	130.38	5,513.49	1,302.40	5,502	5,290.13	0.04	-0.03	0.03
20.00	-34.36	-1.43	0.00	-123.24	0.00	123.24	5,366.64	1,267.71	5,212	5,010.63	0.07	-0.03	0.03
25.00	-33.19	-1.43	0.00	-116.10	0.00	116.10	5,219.78	1,233.02	4,931	4,738.71	0.11	-0.04	0.03
30.00	-32.04	-1.43	0.00	-108.96	0.00	108.96	5,072.93	1,198.33	4,658	4,474.38	0.16	-0.05	0.03

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (ft-kips)	Mu MZ (fr-kips)	Mu Mx (ft-kips)	Resultant Moment (ft-kips)	Phi Pn (kips)	Phi Vn (kips)	Phi Tn (kips)	Phi Mn (kips)	Total Deflect (in)	Rotation (deg)	Ratio
35.00	-30.95	-1.42	0.00	-101.84	0.00	101.84	4,926.08	1,163.64	4,392	4,217.63	0.22	-0.06	0.03
39.94	-30.92	-1.42	0.00	-94.82	0.00	94.82	4,780.98	1,129.37	4,137	3,971.41	0.29	-0.07	0.03
40.00	-29.01	-1.40	0.00	-94.73	0.00	94.73	4,779.22	1,128.95	4,134	3,968.47	0.29	-0.07	0.03
45.00	-28.75	-1.40	0.00	-87.71	0.00	87.71	4,632.37	1,094.26	3,884	3,726.90	0.37	-0.08	0.03
45.68	-27.92	-1.39	0.00	-86.75	0.00	86.75	4,132.51	976.18	3,532	3,395.74	0.38	-0.08	0.03
50.00	-26.99	-1.38	0.00	-80.73	0.00	80.73	4,021.55	949.97	3,345	3,214.87	0.46	-0.09	0.03
55.00	-26.08	-1.37	0.00	-73.81	0.00	73.81	3,893.05	919.62	3,135	3,011.61	0.56	-0.10	0.03
60.00	-25.19	-1.36	0.00	-66.95	0.00	66.95	3,764.55	889.26	2,931	2,814.98	0.67	-0.11	0.03
65.00	-24.33	-1.34	0.00	-60.16	0.00	60.16	3,636.06	858.91	2,735	2,624.99	0.80	-0.12	0.03
70.00	-23.50	-1.32	0.00	-53.46	0.00	53.46	3,507.56	828.56	2,545	2,441.64	0.93	-0.13	0.03
75.00	-22.77	-1.30	0.00	-46.86	0.00	46.86	3,379.07	798.20	2,362	2,264.93	1.07	-0.14	0.03
79.52	-22.64	-1.30	0.00	-40.99	0.00	40.99	3,263.02	770.79	2,202	2,111.04	1.21	-0.15	0.03
80.00	-18.93	-1.17	0.00	-40.36	0.00	40.36	3,250.57	767.85	2,186	2,094.86	1.23	-0.15	0.03
84.10	-18.82	-1.17	0.00	-35.56	0.00	35.56	2,289.83	543.72	1,534	1,468.57	1.37	-0.16	0.03
85.00	-18.24	-1.15	0.00	-34.51	0.00	34.51	2,277.57	539.84	1,512	1,450.16	1.40	-0.16	0.03
90.00	-14.75	-1.00	0.00	-28.78	0.00	28.78	2,193.54	518.16	1,393	1,340.00	1.57	-0.18	0.03
95.00	-14.22	-0.98	0.00	-23.78	0.00	23.78	2,101.75	496.48	1,279	1,229.65	1.76	-0.19	0.03
100.00	-10.55	-0.79	0.00	-18.90	0.00	18.90	2,009.97	474.80	1,170	1,124.05	1.97	-0.20	0.02
105.00	-10.08	-0.76	0.00	-14.95	0.00	14.95	1,918.19	453.11	1,065	1,023.18	2.18	-0.21	0.02
110.00	-9.62	-0.74	0.00	-11.14	0.00	11.14	1,826.40	431.43	966	927.05	2.40	-0.22	0.02
115.00	-9.62	-0.74	0.00	-7.46	0.00	7.46	1,734.62	409.75	871	835.67	2.63	-0.22	0.01
115.04	-9.24	-0.71	0.00	-7.43	0.00	7.43	1,733.81	409.56	871	834.88	2.63	-0.22	0.01
118.00	-9.15	-0.70	0.00	-5.33	0.00	5.33	1,679.55	396.74	817	783.11	2.77	-0.23	0.01
118.58	-9.07	-0.70	0.00	-4.93	0.00	4.93	957.75	241.77	506	456.08	2.80	-0.23	0.02
120.00	-4.87	-0.40	0.00	-3.93	0.00	3.93	947.86	238.07	490	444.39	2.86	-0.23	0.01
122.00	-4.51	-0.37	0.00	-3.13	0.00	3.13	933.73	232.86	469	428.12	2.96	-0.23	0.01
125.00	-4.36	-0.36	0.00	-2.01	0.00	2.01	911.97	225.06	438	404.01	3.10	-0.23	0.01
128.00	-4.09	-0.34	0.00	-0.93	0.00	0.93	889.55	217.25	408	380.29	3.25	-0.23	0.01
130.00	-0.61	-0.05	0.00	-0.25	0.00	0.25	874.24	212.05	389	364.72	3.35	-0.23	0.00
132.00	-0.30	-0.03	0.00	-0.14	0.00	0.14	858.63	206.84	370	349.33	3.45	-0.23	0.00
135.00	-0.13	-0.01	0.00	-0.06	0.00	0.06	834.67	199.04	343	326.65	3.59	-0.23	0.00
140.00	0.00	-0.01	0.00	0.00	0.00	0.00	787.53	186.03	299	287.86	3.84	-0.23	0.00

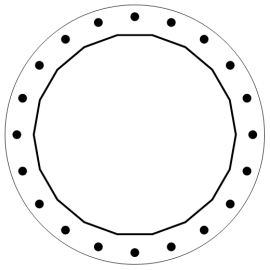
ANALYSIS SUMMARY

	Reactions						Max Usage	
Load Case	Shear FX (kips)	Shear FZ (kips)	Axial FY (kips)	Moment MX (ft-kips)	Moment MY (ft-kips)	Moment MZ (ft-kips)	Elev (ft)	Interaction Ratio
1.2D + 1.0W	27.31	0.00	56.52	0.00	0.00	2770.79	45.68	0.47
0.9D + 1.0W	27.29	0.00	42.38	0.00	0.00	2738.60	45.68	0.46
1.2D + 1.0Di + 1.0Wi	7.96	0.00	85.64	0.00	0.00	818.66	45.68	0.15
1.2D + 1.0Ev + 1.0Eh	1.44	0.00	56.45	0.00	0.00	153.86	84.10	0.04
0.9D - 1.0Ev + 1.0Eh	1.43	0.00	39.33	0.00	0.00	151.69	84.10	0.03
1.0D + 1.0W	6.53	0.00	47.13	0.00	0.00	658.51	45.68	0.12

BASE PLATE ANALYSIS @ 0 FT

PLATE PARAMETERS (ID# 11034)

Diameter:	66	in
Shape:	Round	
Thickness:	2.25	in
Grade:	A871-60	
Yield Strength:	60	ksi
Tensile Strength:	75	ksi
Rod Detail Type:	d	
Clear Distance	3.5	in
Base Weld Size:	0.125	in
Orientation Offset:	-	°
Analysis Type:	Plastic	
Neutral Axis:	252	°



ANCHOR ROD PARAMETERS

Class	Arrangement	Quantity	Diameter (in)	Circle (in)	Grade	Fy (ksi)	Fu (ksi)	Spacing (in)	Offset (°)
Original [ID# 8077]	Radial	20	2.25	60	A615-75	75	100	-	-

ANCHOR ROD GEOMETRY AND APPLIED LOADS --- ORIGINAL (20) 2.25"ø [ID 8077]

Position	Radians	X (in)	Y (in)	Moment Arm (in)	Inertia (in^4)	Axial Load (k)	Shear Load (k)
1	0.314	28.53	9.27	23.209	1750.184	97.44	1.27
2	0.628	24.27	17.63	16.862	924.254	97.44	1.75
3	0.942	17.63	24.27	8.865	256.065	97.44	2.06
4	1.257	9.27	28.53	0.000	0.839	97.44	2.16
5	1.571	0.00	30.00	-8.865	256.065	-86.13	2.06
6	1.885	-9.27	28.53	-16.862	924.256	-86.13	1.75
7	2.199	-17.63	24.27	-23.209	1750.184	-86.13	1.27
8	2.513	-24.27	17.63	-27.283	2418.373	-86.13	0.67
9	2.827	-28.53	9.27	-28.688	2673.599	-86.13	0.00
10	3.142	-30.00	0.00	-27.283	2418.373	-86.13	0.67
11	3.456	-28.53	-9.27	-23.209	1750.183	-86.13	1.27
12	3.770	-24.27	-17.63	-16.862	924.256	-86.13	1.75
13	4.084	-17.63	-24.27	-8.865	256.066	-86.13	2.06
14	4.398	-9.27	-28.53	0.000	0.839	97.44	2.16
15	4.712	0.00	-30.00	8.865	256.065	97.44	2.06
16	5.027	9.27	-28.53	16.862	924.254	97.44	1.75
17	5.341	17.63	-24.27	23.209	1750.185	97.44	1.27
18	5.655	24.27	-17.63	27.283	2418.374	97.44	0.67
19	5.969	28.53	-9.27	28.688	2673.599	97.44	0.00
20	6.283	30.00	0.00	27.283	2418.374	97.44	0.67

REACTION DISTRIBUTION

Component	ID	Moment Mu (k-ft)	Axial Load Pu (k)	Shear Vu (k)	Moment Factor
Pole	51"ø x 0.5" (18 Sides)	2770.8	56.52	27.31	1.000
Bolt Group	Original (20) 2.25"ø	2770.8	-	27.31	1.000
	TOTALS	**2770.79**	**56.52**	**27.31**	

COMPONENT PROPERTIES

Component	ID	Gross Area (in^2)	Net Area (in^2)	Individual Inertia (in^4)	Moment of Inertia (in^4)	Threads/in
Pole	51"ø x 0.5" (18 Sides)	78.9231	-	-	25165.81	-
Bolt Group	Original (20) 2.25"ø	3.9761	3.2477	0.8393	26744.39	4.5

EXTERNAL BASE PLATE BEND LINE ANALYSIS @ 0 FT

POLE PROPERTIES

Flat-to-Flat Diameter:	51.12	in
Point-to-Point Diameter:	51.91	in
Flat Width:	9.015	in
Flat Radians:	0.349	rad

PLATE PROPERTIES

Neutral Axis:	252	°
Bend Line Lower Limit:	5.519	rad
Bend Line Upper Limit:	0.136	rad

Bend Line	Chord Length (in)	Additional Length (in)	Section Modulus (in^3)	Applied Moment Mu (k-in)	Moment Capacity ϕMn (k-in)	Ratio
Flat	37.477	0.00	47.432	759.7	2561.3	0.297
Corner	36.377	0.00	46.039	623.8	2486.1	0.251
Circumferential	40.765	0.00	51.593	941.1	2786.0	0.338

PLASTIC ANCHOR ROD ANALYSIS

Class	Group Quantity	Rod Diameter (in)	Applied Axial Load Pu (k)	Applied Shear Load Vu (k)	Compressive Capacity ϕPn (k)	Ratio
Original	20	2.25	97.4	2.2	243.6	0.418

RAN Template:	A&L Template:
67E5D998E ODE+6160	67E5998E_1xAIR+1OP

CT11275C_Anchor_7

Print Name: Preliminary (RFDS_For_Scoping)
PORs: Anchor_Phase 3
L600_L600 Coverage

Section 1 - Site Information

Site ID: CT11275C
Status: Final
Version: 7
Project Type: Anchor
Approved: 3/2/2022 9:25:37 AM
Approved By: Pratik.Patil30@T-Mobile.com
Last Modified: 3/2/2022 9:25:37 AM
Last Modified By: Pratik.Patil30@T-Mobile.com

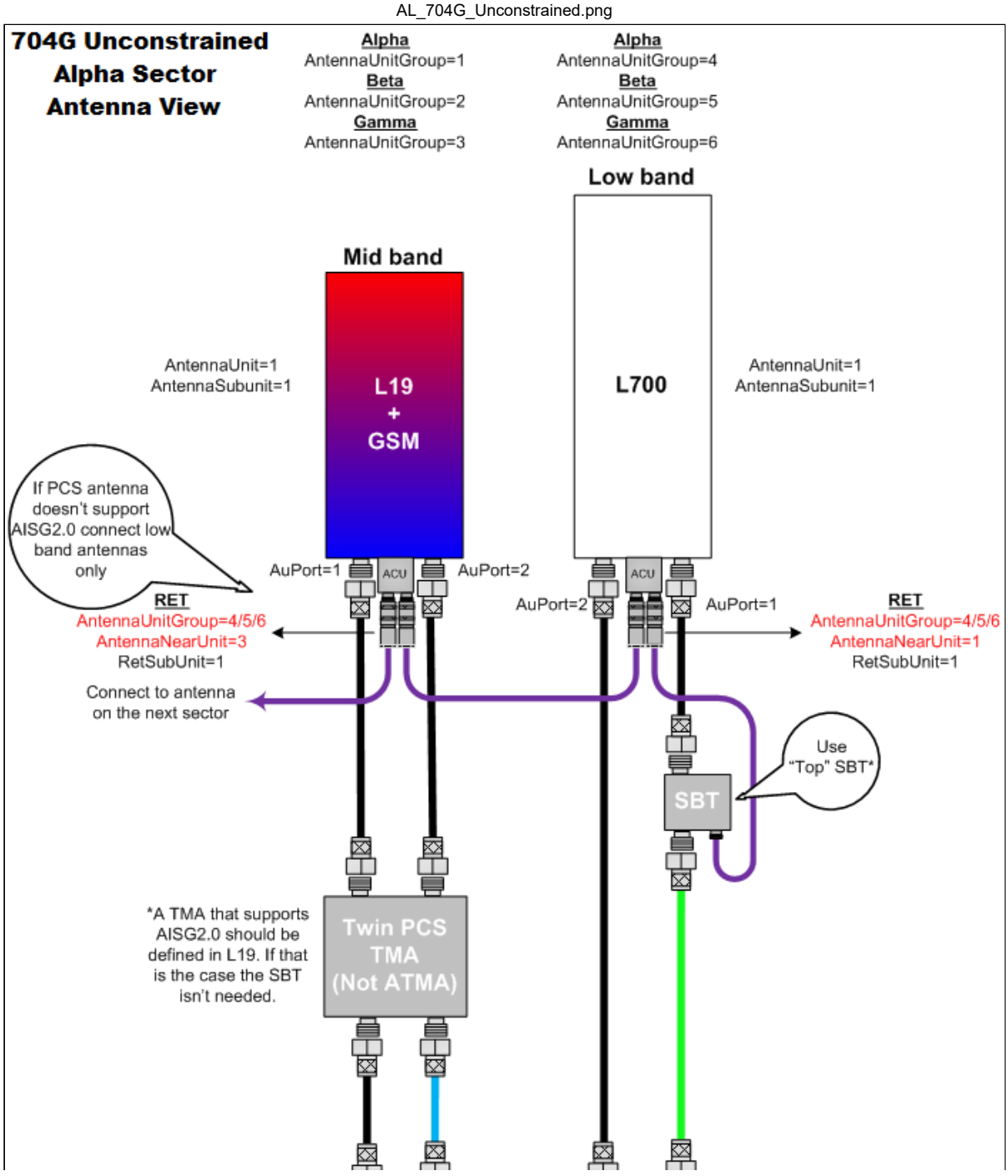
Site Name: Simsbury-1/Rt 10
Site Class: Monopole
Site Type: Structure Non Building
Plan Year: 2022
Market: CONNECTICUT CT
Vendor: Ericsson
Landlord: <undefined>

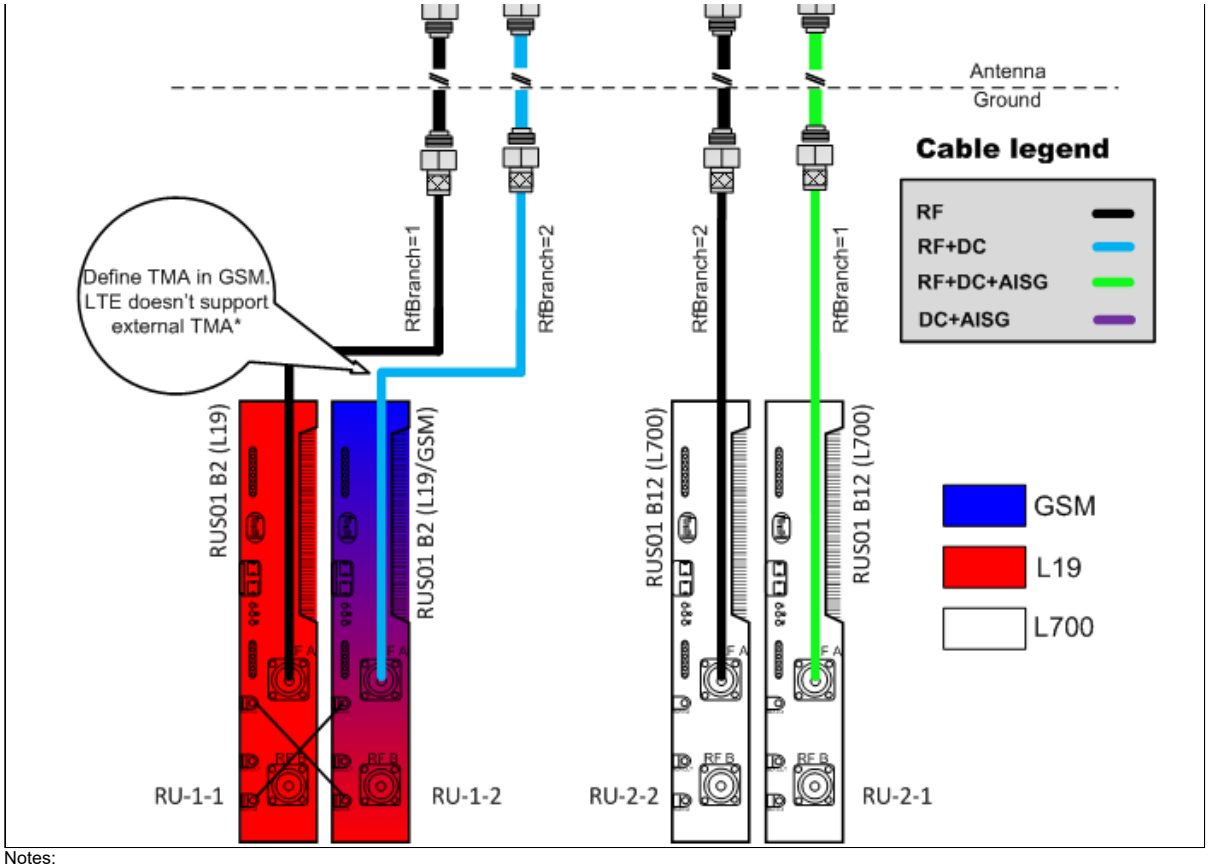
Latitude: 41.82277900
Longitude: -72.89519100
Address: 14 Canton Springs Rd.
City, State: Canton, CT
Region: NORTHEAST

RAN Template: 67E5D998E ODE+6160			AL Template: 67E5998E_1xAIR+1OP	
Sector Count: 3	**Antenna Count:** 6	**Coax Line Count:** 0	**TMA Count:** 0	**RRU Count:** 6

Section 2 - Existing Template Images

AL_704G_Unconstrained.png

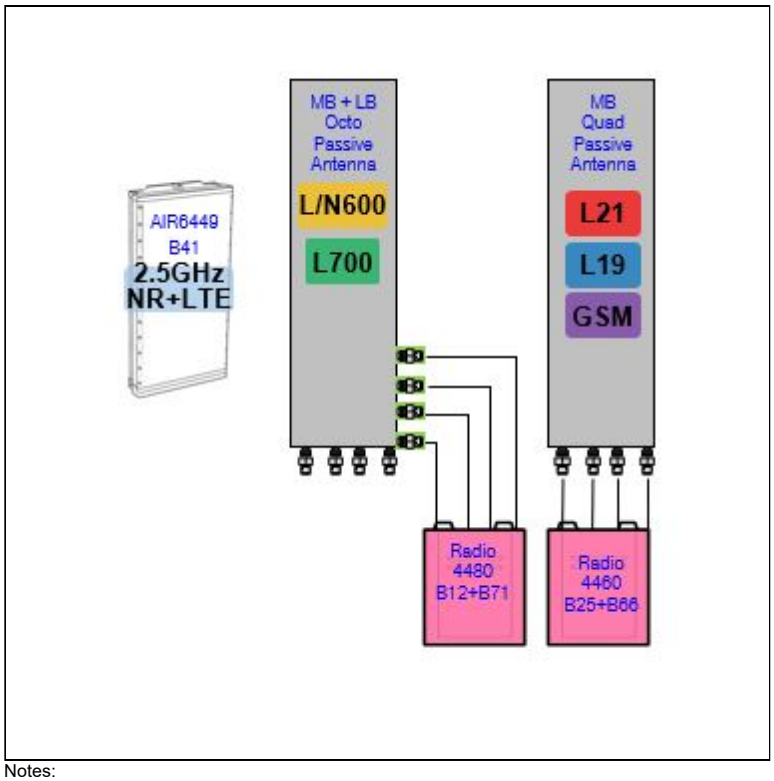



Antenna
Ground
Cable legend
RF
RF+DC
RF+DC+AISG
DC+AISG
Define TMA in GSM. LTE doesn't support external TMA*
RfBranch=1
RfBranch=2
RfBranch=2
RfBranch=1
RUS01 B2 (L19)
RUS01 B2 (L19/GSM)
RUS01 B12 (L700)
RUS01 B12 (L700)
GSM
L19
L700
RU-1-1
RU-1-2
RU-2-2
RU-2-1

Notes:

Section 3 - Proposed Template Images

67E5A998E.JPG



Notes:

Section 4 - Siteplan Images

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RAN Template:	A&L Template:
67E5D998E ODE+6160	67E5998E_1xAIR+1OP

CT11275C_Anchor_7

Print Name: Preliminary (RFDS_For_Scoping)
PORs: Anchor_Phase 3
L600_L600 Coverage

Section 5 - RAN Equipment

Existing RAN Equipment

Template: 795F

Enclosure	1
Enclosure Type	RBS 6201
Baseband	DUG20; BB 6630 (L2100, L1900, L700)
Radio	RUS01 B2 **(x 3)** (L1900, G1900); RUS01 B4 **(x 3)** (L2100); RUS01 B12 **(x 6)** (L700)

Proposed RAN Equipment

Template: 67E5D998E ODE+6160

Enclosure	1	2	3	4
Enclosure Type	RBS 6201	Ancillary Equipment (Ericsson)	Enclosure 6160 AC V1	B160
Baseband	BB 6630 (L2100, L1900); DUG20 (G1900); RP 6651 (L700, L600, N600)		RP 6651 (N2500); RP 6651 (L2500)	
Hybrid Cable System	Ericsson Hybrid Trunk 6/24 4AWG 50m; PSU 4813 vR4A (Kit)		Ericsson Hybrid Trunk 6/24 4AWG 50m **(x 2)**; PSU 4813 vR4A (Kit)	
Transport System			CSR IXRe V2 (Gen2)	

RAN Scope of Work:

Remove and return all cabinet radios from existing base station cabinet.

Relocate AAV.

Install full platform.

Upgrade electrical service to 200A.

Add (1) RP6651 for L600, L700 and N600 to Existing cabinet.

Add (1) Enclosure 6160.

Add (1) iXRe Router to new Enclosure 6160.

Add (1) RP 6651 for N2500 to new Enclosure 6160.

Add (1) RP 6651 for L2500 to new Enclosure 6160.

Add (1) PSU4813 Voltage Booster to new Enclosure 6160.

Add (1) PSU4813 Voltage Booster to Existing cabinet.

Add (1) Battery Cabinet B160.

Existing :

Remove all Coax, remove (1) 9x18

Add (2) 6X24 HCS terminating at the Enclosure 6160, and (1) 6x24 terminating at RBS 6201. Connect DC for the AIR6419 B41 to the PSU4813 Voltage Booster.

RAN Template:	A&L Template:
67E5D998E ODE+6160	67E5998E_1xAIR+1OP

CT11275C_Anchor_7

Print Name: Preliminary (RFDS_For_Scoping)
PORs: Anchor_Phase 3
L600_L600 Coverage

Section 6 - A&L Equipment

Existing Template: 795F_1QP+1DP
Proposed Template: 67E5998E_1xAIR+1OP

Sector 1 (Existing) view from behind		
Coverage Type	A - Outdoor Macro	
Antenna	**1**	**2**
Antenna Model	RFS - APXV18-209014-C-A20 (Dual)	Andrew - LNX-6515DS-A1M (Dual)
Azimuth	90	90
M. Tilt	0	0
Height	100	100
Ports	**P1**	**P2**
Active Tech.	L2100, L1900, G1900	L700
Dark Tech.		
Restricted Tech.		
Decomm. Tech.		
E. Tilt	2	2
Cables	1-5/8" Coax - 160 ft. **(x2)**	1-5/8" Coax - 160 ft. **(x2)**
TMAs	RFS Twin Style 3CX - ATMA4P4DBP-1A20 (AtAntenna)	
Diplexers / Combiners	Generic AWS/PCS Diplexer (AtCabinet) **(x2)**	
Radio		
Sector Equipment		Andrew Smart Bias T (Ericsson) (At Antenna)

Unconnected Equipment:

Scope of Work:

TMA swap and add diplexers at cabinet.

RAN Template:	A&L Template:
67E5D998E ODE+6160	67E5998E_1xAIR+1OP

CT11275C_Anchor_7

Print Name: Preliminary (RFDS_For_Scoping)
PORs: Anchor_Phase 3
L600_L600 Coverage

Sector 1 (Proposed) view from behind

Coverage Type	A - Outdoor Macro					
Antenna	1		2			
Antenna Model	AIR 6419 B41 (Active Antenna - Massive MIMO)		RFS - APXVAALL24_43-U-NA20 (Octo)			
Azimuth	90		90			
M. Tilt	0		0			
Height	100		100			
Ports	**P1**	**P2**	**P3**	**P4**	**P5**	**P6**
Active Tech.	L2500 N2500	L2500 N2500	L700 L600 N600	L700 L600 N600	L2100 L1900 G1900	L2100 L1900 G1900
Dark Tech.						
Restricted Tech.						
Decomm. Tech.						
E. Tilt	2	2	2	2	2	2
Cables	Fiber Jumper **(x2)**	Fiber Jumper **(x2)**	Coax Jumper **(x2)** Fiber Jumper	Coax Jumper **(x2)** Fiber Jumper	Coax Jumper **(x2)** Fiber Jumper	Coax Jumper **(x2)** Fiber Jumper
TMAs						
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:

There will be Two antennae per sector.

Remove all TMAs.

Remove all diplexers.

Remove all Coaxial Lines.

Replace APXV18 from Position 1 with (1) AIR6419 B41 for L2500 and N2500.

Replace LNX 6515 in Position 2 with (1) Octo APXVAALL24.

Add (1) Radio 4480 B71+B85 for L700, L600 and N600 to Position 2 at the antenna.

Add (1) Radio 4460 B25+B66 for L2100, L1900 (Both carriers), and GSM to Position 2 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:	A&L Template:
67E5D998E ODE+6160	67E5998E_1xAIR+1OP

CT11275C_Anchor_7

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**
Antenna Model	RFS - APXV18-209014-C-A20 (Dual)	Andrew - LNX-6515DS-A1M (Dual)
Azimuth	220	220
M. Tilt	0	0
Height	100	100
Ports	**P1**	**P2**
Active Tech.	L2100 L1900 G1900	L700
Dark Tech.		
Restricted Tech.		
Decomm. Tech.		
E. Tilt	2	2
Cables	1-5/8" Coax - 160 ft. **(x2)**	1-5/8" Coax - 160 ft. **(x2)**
TMAs	RFS Twin Style 3CX - ATMA4P4DBP-1A20 (AtAntenna)	
Diplexers / Combiners	Generic AWS/PCS Diplexer (AtCabinet) **(x2)**	
Radio		
Sector Equipment		Andrew Smart Bias T (Ericsson) (At Antenna)

Unconnected Equipment:

Scope of Work:

All new sector, built like other 2 with 4 coax, TMA up top and diplexers down below.

RAN Template:	A&L Template:
67E5D998E ODE+6160	67E5998E_1xAIR+1OP

CT11275C_Anchor_7

Print Name: Preliminary (RFDS_For_Scoping)
PORs: Anchor_Phase 3
L600_L600 Coverage

Sector 2 (Proposed) view from behind

Coverage Type	A - Outdoor Macro					
Antenna	1		2			
Antenna Model	AIR 6419 B41 (Active Antenna - Massive MIMO)		RFS - APXVAALL24_43-U-NA20 (Octo)			
Azimuth	220		220			
M. Tilt	0		0			
Height	100		100			
Ports	**P1**	**P2**	**P3**	**P4**	**P5**	**P6**
Active Tech.	L2500 N2500	L2500 N2500	L700 L600 N600	L700 L600 N600	L2100 L1900 G1900	L2100 L1900 G1900
Dark Tech.						
Restricted Tech.						
Decomm. Tech.						
E. Tilt	2	2	2	2	2	2
Cables	Fiber Jumper **(x2)**	Fiber Jumper **(x2)**	Coax Jumper **(x2)** Fiber Jumper	Coax Jumper **(x2)** Fiber Jumper	Coax Jumper **(x2)** Fiber Jumper	Coax Jumper **(x2)** Fiber Jumper
TMAs						
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:

There will be Two antennae per sector.

Remove all TMAs.

Remove all diplexers.

Remove all Coaxial Lines.

Replace APXV18 from Position 1 with (1) AIR6419 B41 for L2500 and N2500.

Replace LNX 6515 in Position 2 with (1) Octo APXVAALL24.

Add (1) Radio 4480 B71+B85 for L700, L600 and N600 to Position 2 at the antenna.

Add (1) Radio 4460 B25+B66 for L2100, L1900 (Both carriers), and GSM to Position 2 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:	A&L Template:
67E5D998E ODE+6160	67E5998E_1xAIR+1OP

CT11275C_Anchor_7

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**
Antenna Model	RFS - APXV18-209014-C-A20 (Dual)	Andrew - LNX-6515DS-A1M (Dual)
Azimuth	310	310
M. Tilt	0	0
Height	100	100
Ports	**P1**	**P2**
Active Tech.	L2100 L1900 G1900	L700
Dark Tech.		
Restricted Tech.		
Decomm. Tech.		
E. Tilt	2	2
Cables	1-5/8" Coax - 160 ft. **(x2)**	1-5/8" Coax - 160 ft. **(x2)**
TMAs	RFS Twin Style 3CX - ATMA4P4DBP-1A20 (AtAntenna)	
Diplexers / Combiners	Generic AWS/PCS Diplexer (AtCabinet) **(x2)**	
Radio		
Sector Equipment		Andrew Smart Bias T (Ericsson) (At Antenna)

Unconnected Equipment:

Scope of Work:

TMA swap and add diplexers at cabinet.

RAN Template:	A&L Template:
67E5D998E ODE+6160	67E5998E_1xAIR+1OP

CT11275C_Anchor_7

Print Name: Preliminary (RFDS_For_Scoping)
PORs: Anchor_Phase 3
L600_L600 Coverage

Sector 3 (Proposed) view from behind

Coverage Type	A - Outdoor Macro					
Antenna	1		2			
Antenna Model	AIR 6419 B41 (Active Antenna - Massive MIMO)		RFS - APXVAALL24_43-U-NA20 (Octo)			
Azimuth	310		310			
M. Tilt	0		0			
Height	100		100			
Ports	**P1**	**P2**	**P3**	**P4**	**P5**	**P6**
Active Tech.	L2500 N2500	L2500 N2500	L700 L600 N600	L700 L600 N600	L2100 L1900 G1900	L2100 L1900 G1900
Dark Tech.						
Restricted Tech.						
Decomm. Tech.						
E. Tilt	2	2	2	2	2	2
Cables	Fiber Jumper **(x2)**	Fiber Jumper **(x2)**	Coax Jumper **(x2)** Fiber Jumper	Coax Jumper **(x2)** Fiber Jumper	Coax Jumper **(x2)** Fiber Jumper	Coax Jumper **(x2)** Fiber Jumper
TMAs						
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:

There will be Two antennae per sector.

Remove all TMAs.

Remove all diplexers.

Remove all Coaxial Lines.

Replace APXV18 from Position 1 with (1) AIR6419 B41 for L2500 and N2500.

Replace LNX 6515 in Position 2 with (1) Octo APXVAALL24.

Add (1) Radio 4480 B71+B85 for L700, L600 and N600 to Position 2 at the antenna.

Add (1) Radio 4460 B25+B66 for L2100, L1900 (Both carriers), and GSM to Position 2 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:	A&L Template:
67E5D998E ODE+6160	67E5998E_1xAIR+1OP

CT11275C_Anchor_7

Print Name: Preliminary (RFDS_For_Scoping)
PORs: Anchor_Phase 3
L600_L600 Coverage

Section 7 - Power Systems Equipment

Existing Power Systems Equipment
----- This section is intentionally blank. -----

	Proposed Power Systems Equipment
Enclosure	1
Enclosure Type	Enclosure 6160 AC V1

EBI Consulting

environmental | engineering | due diligence

RADIO FREQUENCY EMISSIONS ANALYSIS REPORT
EVALUATION OF HUMAN EXPOSURE POTENTIAL TO NON-IONIZING EMISSIONS

T-Mobile Existing Facility

Site ID: CT11275C

Simsbury-1/Rt 10
14 Canton Springs Road
Canton, Connecticut 06019

April 28, 2022

EBI Project Number: 6222002865

Site Compliance Summary	
Compliance Status:	**COMPLIANT**
Site total MPE% of FCC general population allowable limit:	**55.09%**

21 B Street, Burlington, MA 01803 · Tel: (781) 273.2500 · Fax: (781) 273.3311

April 28, 2022

T-Mobile
Attn: Jason Overbey, RF Manager
35 Griffin Road South
Bloomfield, Connecticut 06002

Emissions Analysis for Site: CT11275C - Simsbury-1/Rt 10

EBI Consulting was directed to analyze the proposed T-Mobile facility located at **14 Canton Springs Road** in **Canton, 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 97-01and ANSI/IEEE Std C95.1. The FCC regulates Maximum Permissible Exposure in units of microwatts per square centimeter ($\mu W/cm^2$). The number of $\mu W/cm^2$ 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 ($\mu W/cm^2$). The general population exposure limits for the 600 MHz and 700 MHz frequency bands are approximately 400 $\mu W/cm^2$ and 467 $\mu W/cm^2$, respectively. The general population exposure limit for the 1900 MHz (PCS), 2100 MHz (AWS) and 11 GHz frequency bands is 1000 $\mu W/cm^2$. 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 14 Canton Springs Road in Canton, 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) 2 LTE channels (600 MHz Band) were considered for each sector of the proposed installation. These Channels have a transmit power of 30 Watts per Channel.

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) 2 LTE channels (700 MHz Band) were considered for each sector of the proposed installation. These Channels have a transmit power of 30 Watts per Channel.

4) 4 GSM channels (PCS Band - 1900 MHz) were considered for each sector of the proposed installation. These Channels have a transmit power of 30 Watts per Channel.

5) 2 LTE channels (PCS Band - 1900 MHz) were considered for each sector of the proposed installation. These Channels have a transmit power of 60 Watts per Channel.

6) 2 LTE channels (AWS Band – 2100 MHz) were considered for each sector of the proposed installation. These Channels have a transmit power of 60 Watts per Channel.

7) 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 60 Watts.

8) 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 20 Watts.

9) 1 NR Traffic channel (BRS Band - 2500 MHz) was considered for each sector of the proposed installation. This Channel has a transmit power of 120 Watts.

10) 1 NR Broadcast channel (BRS Band - 2500 MHz) was considered for each sector of the proposed installation. This Channel has a transmit power of 40 Watts.

11) 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.

12) 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.

13) The antennas used in this modeling are the Ericsson AIR 6419 for the 2500 MHz / 2500 MHz / 2500 MHz / 2500 MHz channel(s), the RFS APXVAALL24_43-U-NA20 for the 600 MHz / 600 MHz / 700 MHz / 1900 MHz / 1900 MHz / 2100 MHz channel(s) in Sector A, the Ericsson AIR 6419 for the 2500 MHz / 2500 MHz / 2500 MHz / 2500 MHz channel(s), the RFS APXVAALL24_43-U-NA20 for the 600 MHz / 600 MHz / 700 MHz / 1900 MHz / 1900 MHz / 2100 MHz channel(s) in Sector B, the Ericsson AIR 6419 for the 2500 MHz / 2500 MHz / 2500 MHz / 2500 MHz channel(s), the RFS APXVAALL24_43-U-NA20 for the 600 MHz / 600 MHz / 700 MHz / 1900 MHz / 1900 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.

14) The antenna mounting height centerline of the proposed antennas is 100 feet above ground level (AGL).

15) 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.

16) 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:	Ericsson AIR 6419	Make / Model:	Ericsson AIR 6419	Make / Model:	Ericsson AIR 6419
Frequency Bands:	2500 MHz / 2500 MHz / 2500 MHz	Frequency Bands:	2500 MHz / 2500 MHz / 2500 MHz	Frequency Bands:	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):	100 feet	Height (AGL):	100 feet	Height (AGL):	100 feet
Channel Count:	4	Channel Count:	4	Channel Count:	4
Total TX Power (W):	240.00 Watts	Total TX Power (W):	240.00 Watts	Total TX Power (W):	240.00 Watts
ERP (W):	31,011.95	ERP (W):	31,011.95	ERP (W):	31,011.95
Antenna A1 MPE %:	**12.62%**	Antenna B1 MPE %:	**12.62%**	Antenna C1 MPE %:	**12.62%**
Antenna #:	**2**	Antenna #:	**2**	Antenna #:	**2**
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 / 1900 MHz / 1900 MHz / 2100 MHz	Frequency Bands:	600 MHz / 600 MHz / 700 MHz / 1900 MHz / 1900 MHz / 2100 MHz	Frequency Bands:	600 MHz / 600 MHz / 700 MHz / 1900 MHz / 1900 MHz / 2100 MHz
Gain:	12.95 dBd / 12.95 dBd / 13.65 dBd / 15.45 dBd / 15.45 dBd / 16.45 dBd	Gain:	12.95 dBd / 12.95 dBd / 13.65 dBd / 15.45 dBd / 15.45 dBd / 16.45 dBd	Gain:	12.95 dBd / 12.95 dBd / 13.65 dBd / 15.45 dBd / 15.45 dBd / 16.45 dBd
Height (AGL):	100 feet	Height (AGL):	100 feet	Height (AGL):	100 feet
Channel Count:	13	Channel Count:	13	Channel Count:	13
Total TX Power (W):	560.00 Watts	Total TX Power (W):	560.00 Watts	Total TX Power (W):	560.00 Watts
ERP (W):	17,868.72	ERP (W):	17,868.72	ERP (W):	17,868.72
Antenna A2 MPE %:	**9.60%**	Antenna B2 MPE %:	**9.60%**	Antenna C2 MPE %:	**9.60%**

Site Composite MPE %	
Carrier	**MPE %**
T-Mobile (Max at Sector A):	22.22%
Dish	4.32%
AT&T	5.63%
Verizon	14.21%
Metro PCS	1.15%
Sprint	6.96%
Canton FD	0.07%
Nextel	0.53%
Site Total MPE % :	55.09%

T-Mobile MPE % Per Sector	
T-Mobile Sector A Total:	22.22%
T-Mobile Sector B Total:	22.22%
T-Mobile Sector C Total:	22.22%
Site Total MPE % :	55.09%

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 (μW/cm²)	Frequency (MHz)	Allowable MPE (μW/cm²)	Calculated % MPE
T-Mobile 2500 MHz LTE 1C & 2C Traffic	1	9619.47	100.0	39.14	2500 MHz LTE 1C & 2C Traffic	1000	3.91%
T-Mobile 2500 MHz LTE 1C & 2C Broadcast	1	717.84	100.0	2.92	2500 MHz LTE 1C & 2C Broadcast	1000	0.29%
T-Mobile 2500 MHz NR Traffic	1	19238.94	100.0	78.28	2500 MHz NR Traffic	1000	7.83%
T-Mobile 2500 MHz NR Broadcast	1	1435.69	100.0	5.84	2500 MHz NR Broadcast	1000	0.58%
T-Mobile 600 MHz LTE	2	591.73	100.0	4.82	600 MHz LTE	400	1.20%
T-Mobile 600 MHz NR	1	1577.94	100.0	6.42	600 MHz NR	400	1.61%
T-Mobile 700 MHz LTE	2	695.22	100.0	5.66	700 MHz LTE	467	1.21%
T-Mobile 1900 MHz GSM	4	1052.26	100.0	17.13	1900 MHz GSM	1000	1.71%
T-Mobile 1900 MHz LTE	2	2104.51	100.0	17.13	1900 MHz LTE	1000	1.71%
T-Mobile 2100 MHz LTE	2	2649.42	100.0	21.56	2100 MHz LTE	1000	2.16%
						Total:	**22.22%**

• 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:	22.22%
Sector B:	22.22%
Sector C:	22.22%
T-Mobile Maximum MPE % (Sector A):	22.22%
Site Total:	55.09%
Site Compliance Status:	**COMPLIANT**

The anticipated composite MPE value for this site assuming all carriers present is **55.09%** 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.