Northeast Site Solutions
Victoria Masse
420 Main St Unit 1 Box 2
Sturbridge, MA 01566
victoria@northeastsitesolutions.com

July 29, 2022

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

RE: Tower Share Application
399 West Road, Salem, CT 06420
Latitude: 41.48781892 N
Longitude: -72.31321833 W
Site#: CTHA347B

Dear Ms. Bachman:

This letter and attachments are submitted on behalf of T-Mobile. T-Mobile plans to install antennas and related equipment to the tower site located at 399 West Road, Salem, Connecticut.

T-Mobile proposes to install nine (9) 600/1900/2100/2500 5G MHz antenna, six (6) RRUs and one (1) Dish at the 157-foot level of the existing 178-foot monopole tower, two (3) hybrid cable will also be installed. T-Mobile equipment cabinets will be placed within 10x15 lease area. Included are plans by Hudson Design, dated July 29, 2022, Exhibit C. Also included is a structural analysis prepared by American Tower, dated May 19, 2022 confirming that the existing tower is structurally capable of supporting the proposed equipment. Attached as Exhibit D. This facility was approved by the Connecticut Siting Council, Docket No. 198 on July 25, 2001. Please see attached Exhibit A.

Please accept this letter as notification pursuant to Regulations of Connecticut State Agencies 16-50aa, of T-Mobile intent to share a telecommunications facility pursuant to R.C.S.A. 16-50j-88. In accordance with R.C.S.A., a copy of this letter is being sent to Ed Chmielewski, First Selectman, Justin LaFountain, Planner SECCOG, as well as the property owner and tower owner.

The planned modifications of the facility fall squarely within those activities explicitly provided for in R.C.S.A. 16-50j-89.

1. The proposed modifications will not result in an increase in the height of the existing structure. The top of the tower is 178-feet; T-Mobile proposed antennas will be located at a center line height of 157-feet.

2.The proposed modification will not result in the increase of the site boundary as depicted on the attached site plan.

3.The proposed modification will not increase the noise levels at the facility by six decibels or more, or to levels that exceed local and state criteria. The incremental effect of the proposed changes will be negligent.

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Turnkey Wireless Development

www.northeastsitesolutions.com

4.The operation of the proposed antennas will not increase radio frequency emissions at the facility to a level at or above the Federal Communications Commission safety standard. As indicated in the attached power density calculations, the combined site operations will result in a total density of 8.62% as evidenced by Exhibit F.

Connecticut General Statutes 16-50-aa indicates that the Council must approve the shared use of a telecommunications facility provided it finds the shared use is technically, legally, environmentally, and economically feasible and meets public safety concerns. As demonstrated in this letter, T-Mobile respectfully indicates that the shared use of this facility satisfies these criteria.

A. Technical Feasibility. The existing monopole has been deemed structurally capable of supporting T-Mobile proposed loading. The structural analysis is included in Exhibit D.

B. Legal Feasibility. As referenced above, C.G.S. 16-50aa has been authorized to issue orders approving the shared use of an existing tower such as this monopole in Salem. Under the authority granted to the Council, an order of the Council approving the requested shared use would permit T-Mobile to obtain a building permit for the proposed installation. Further, a letter of Authorization is included as Exhibit G, authorizing T-Mobile to file this application for shared use.

C. Environmental Feasibility. The proposed shared use of this facility would have a minimal environmental impact. The installation of T-Mobile equipment at the 157-foot level of the existing 178-foot tower would have an insignificant visual impact on the area around the monopole. T-Mobile ground equipment would be installed within the existing facility compound. T-Mobile shared use would therefore not cause any significant alteration in the physical or environmental characteristics of the existing site. Additionally, as evidenced by Exhibit F, the proposed antennas would not increase radio frequency emissions to a level at or above the Federal Communications Commission safety standard.

D. Economic Feasibility. T-Mobile will be entering into an agreement with the owner of this facility to mutually agreeable terms. As previously mentioned, the Letter of Authorization has been provided by the owner to assist T-Mobile with this tower share application.

E. Public Safety Concerns. As discussed above, the tower is structurally capable of supporting T-Mobile proposed loading. T-Mobile is not aware of any public safety concerns relative to the proposed sharing of the existing tower. T-Mobile intentions of providing new and improved wireless service through the shared use of this facility is expected to enhance the safety and welfare of local residents and individuals traveling through Salem.

Sincerely,

Victoria Masse
Mobile: 860-306-2326
Fax: 413-521-0558
Office: 420 Main Street, Unit 1 Box 2, Sturbridge, MA 01566
Email: victoria@northeastsitesolutions.com

Attachments
Cc:
Ed Chmielewski First Selectman
Town of Salem
270 Hartford Rd.
Salem, CT 06420

Justin LaFountain, Planner SECCOG
Town of Salem
270 Hartford Rd.
Salem, CT 06420

Clark Jason Arthur, Property Owner
251 Old Colchester Road
Quaker Hill, CT 06375

American Tower, Tower Owners
10 Presidential Way
Woburn, MA 01801

Exhibit A

Connecticut Siting Council(/CSC)

Decisions (/CSC/Decisions/Decisions) >

Meetings and Minutes (/CSC/Common-Elements/v4-template/Council-Activity) >

Pending Matters (/CSC/1_Applications-and-Other-Pending-Matters/Pending-Matters) >

About Us (/CSC/Common-Elements/Common-Elements/Connecticut-Siting-Council---Description) >

Contact Us (/CSC/Common-Elements/Common-Elements/Contact-Us) >

Search Connecticut Siting Council

DOCKET NO. 198 - Crown Atlantic Company LLC and Cellco Partnership d/b/a Verizon Wireless application for a Certificate of Environmental Compatibility and Public Need for the construction, maintenance,and operation of a cellular telecommunications facility at one of two locations in the Town of Salem.	}	Connecticut Siting Council
	}	July 25, 2001

Decision and Order

Pursuant to the foregoing Findings of Fact and Opinion, the Connecticut Siting Council (Council) finds that the effects associated with the construction, operation, and maintenance of a telecommunications facility at the proposed prime site in Salem, Connecticut, including effects on the natural environment; ecological integrity and balance; public health and safety; scenic, historic, and recreational values; forests and parks; air and water purity; and fish and wildlife are not disproportionate either alone or cumulatively with other effects when compared to need, are not in conflict with the policies of the State concerning such effects, and are not sufficient reason to deny the application and therefore directs that a Certificate of Environmental Compatibility and Public Need, as provided by General Statutes § 16-50k, be issued to Crown Atlantic Company LLC and Cellco Partnership d/b/a Verizon Wireless for the construction, maintenance and operation of a cellular telecommunications facility at the proposed prime site located at 399 West Road, Salem, Connecticut. We deny certification of the proposed alternate site located at 329 West Road, Salem, Connecticut.

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

1. The tower shall be constructed as a monopole, no taller than necessary to provide the proposed telecommunications services, sufficient to accommodate the antennas of other entities, both public and private, but such tower shall not exceed a height of 180 feet above ground level.

2. The Certificate Holder shall prepare a Development and Management (D&M) Plan for this site in compliance with Sections 16-50j-75 through 16-50j-77 of the Regulations of Connecticut State Agencies. The D&M Plan shall be submitted to and approved by the Council prior to the commencement of facility construction and shall include: a final site plan(s) for site development to include the location and specifications for the tower, tower foundation, antennas, equipment building, security fence, access road, utility line, and landscaping plan. The D&M Plan shall also include construction plans to be submitted prior to construction for site clearing, water drainage, and erosion and sedimentation control consistent with the Connecticut Guidelines for Soil Erosion and Sediment Control, as amended.

3. The Certificate Holder shall, prior to the commencement of operation, provide the Council worst-case modeling of electromagnetic radio frequency power density of all proposed entities' antennas at the closest point of uncontrolled access to the tower base, consistent with Federal Communications Commission, Office of Engineering and Technology, Bulletin No. 65, August 1997. The Certificate Holder shall provide a recalculated report of electromagnetic radio frequency power density if and when circumstances in operation cause a change in power density above the levels calculated and provided pursuant to this Decision and Order.

4. Upon the establishment of any new State or federal radio frequency standards applicable to frequencies of this facility, the facility granted herein shall be brought into compliance with such standards.

5. The Certificate Holder shall permit public or private entities to share space on the proposed tower for fair consideration, or shall provide any requesting entity with specific legal, technical, environmental, or economic reasons precluding such tower sharing.

6. If the facility does not initially provide, or permanently ceases to provide cellular services following completion of construction, this Decision and Order shall be void, and the Certificate Holder shall dismantle the tower and remove all associated equipment or reapply for any continued or new use to the Council before any such use is made.

7. Any antenna that becomes obsolete and ceases to function shall be removed within 60 days after such antennas become obsolete and ceases to function.

8. Unless otherwise approved by the Council, this Decision and Order shall be void if all construction authorized herein is not completed within three years of the effective date of this Decision and Order or within three years after all appeals to this Decision and Order have been resolved.

Pursuant to General Statutes § 16-50p, we hereby direct that a copy of the Findings of Fact, Opinion, and Decision and Order be served on each person listed below, and notice of issuance shall be published in The Hartford Courant, and the New London Day.

By this Decision and Order, the Council disposes of the legal rights, duties, and privileges of each party named or admitted to the proceeding in accordance with Section 16-50j-17 of the Regulations of Connecticut State Agencies.

The parties and intervenors to this proceeding are:

Applicant Crown Atlantic Company LLC and Cellco Partnership d/b/a Verizon Wireless	**Its Representative** James Valeriani, Program Manager Crown Atlantic Company LLC 500 West Cummings Park Suite 6500 Woburn, MA 01801 Kenneth C. Baldwin, Esq. Robinson & Cole LLP 280 Trumbull Street Hartford, CT 06103-3597
Intervenor Town of Salem	**Its Representative** Honorable James D. Fogarty First Selectman Salem Town Hall 270 Hartford Road Salem, CT 06420-3809
Intervenor Peter F. Sielman 369 West Road Salem, CT 06420	

Exhibit B

399 WEST RD

Location	399 WEST RD	**Mblu**	07/ / 011/ 000/
Acct#	204	**Owner**	CLARK JASON ARTHUR
Assessment	$157,860	**Appraisal**	$408,900
PID	195	**Building Count**	1

Current Value

Appraisal			
Valuation Year	**Improvements**	**Land**	**Total**
2021	$0	$408,900	$408,900
Assessment			
Valuation Year	**Improvements**	**Land**	**Total**
2021	$0	$157,860	$157,860

Owner of Record

Owner	CLARK JASON ARTHUR	**Sale Price**	$0
Co-Owner		**Certificate**	
Address	251 OLD COLCHESTER RD QUAKER HILL, CT 06375	**Book & Page**	0250/0127
		Sale Date	12/26/2017
		Instrument	01

Ownership History

Ownership History					
Owner	**Sale Price**	**Certificate**	**Book & Page**	**Instrument**	**Sale Date**
CLARK JASON ARTHUR	$0		0250/0127	01	12/26/2017
CLARK WILLIS & CLAIRE	$0		0019/0089	1N	02/08/1974

Building Information

Building 1 : Section 1

Year Built:
Living Area: 0
Replacement Cost: $0
Building Percent Good:

Replacement Cost
Less Depreciation: $0

Building Attributes	
Field	**Description**
Style	Vacant Land
Model	
Grade:	
Stories:	
Occupancy	
Exterior Wall 1	
Exterior Wall 2	
Roof Structure:	
Roof Cover	
Interior Wall 1	
Interior Wall 2	
Interior Flr 1	
Interior Flr 2	
Heat Fuel	
Heat Type:	
AC Type:	
Total Bedrooms:	
Total Bthrms:	
Total Half Baths:	
Total Xtra Fixtrs:	
Total Rooms:	
Bath Style:	
Kitchen Style:	
Num Kitchens	
Cndtn	
Num Park	
Fireplaces	

Building Photo

(https://images.vgsi.com/photos/SalemCTPhotos//default.jpg)

Building Layout

(https://images.vgsi.com/photos/SalemCTPhotos//Sketches/195_195.jpg)

Building Sub-Areas (sq ft)	Legend
No Data for Building Sub-Areas	

Extra Features

Extra Features	Legend
No Data for Extra Features	

Land

Land Use

Use Code 4331
Description Cell Tower

Land Line Valuation

Size (Acres) 40
Frontage

Zone	RUA	**Depth**	
Neighborhood	1100	**Assessed Value**	$157,860
Alt Land Appr	No	**Appraised Value**	$408,900
Category			

Outbuildings

Outbuildings	Legend
No Data for Outbuildings	

Valuation History

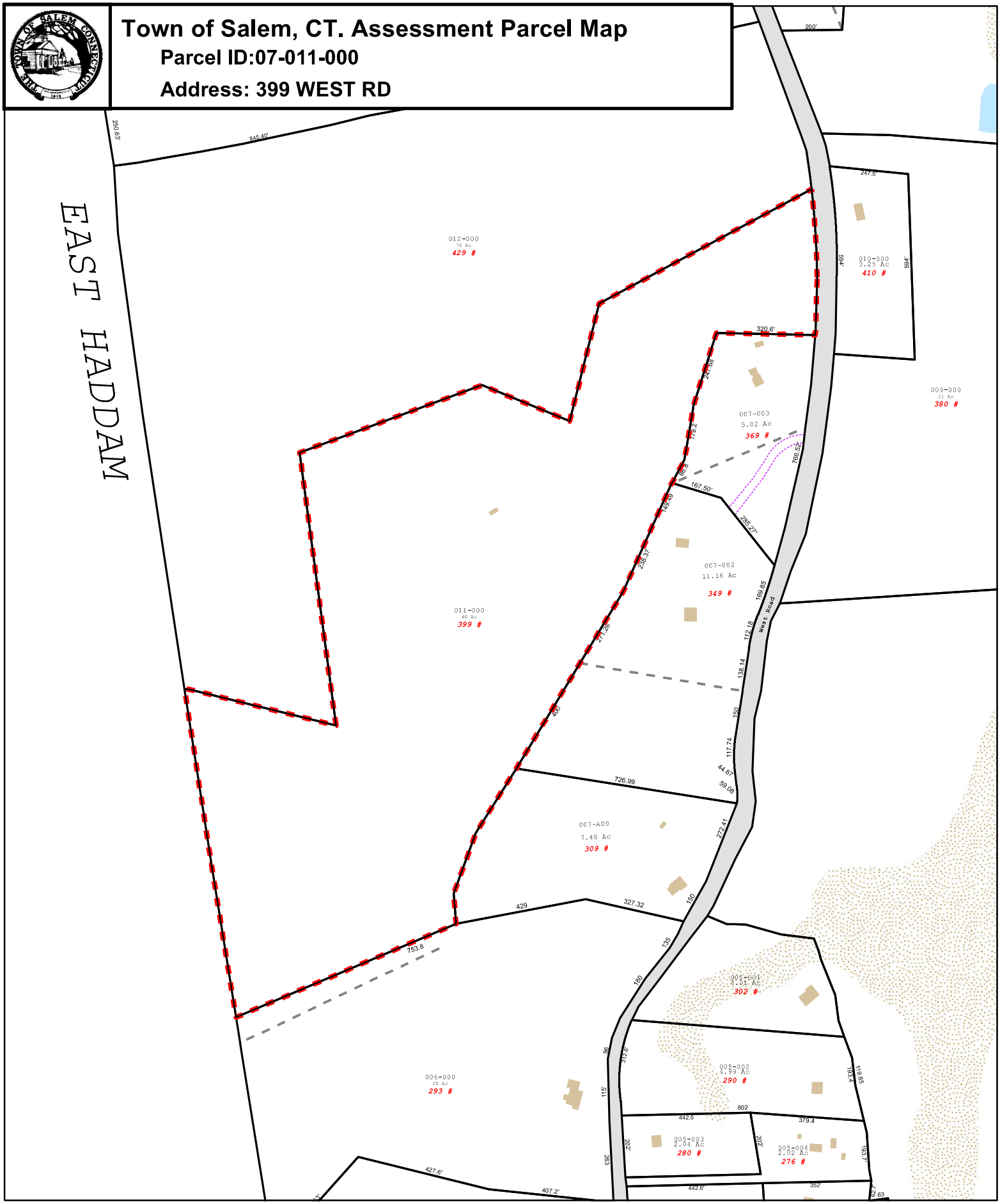
Appraisal			
Valuation Year	**Improvements**	**Land**	**Total**
2021	$56,600	$408,900	$465,500
2020	$0	$363,400	$363,400
2019	$0	$363,400	$363,400

Assessment			
Valuation Year	**Improvements**	**Land**	**Total**
2021	$39,600	$157,860	$197,460
2020	$0	$121,880	$121,880
2019	$0	$121,880	$121,880

Town of Salem, CT. Assessment Parcel Map

Parcel ID:07-011-000

Address: 399 WEST RD



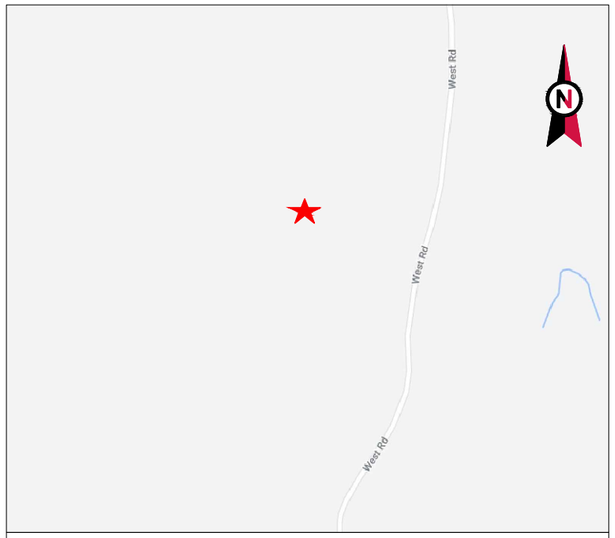
N W E S

100 0 100 200 300 400

Feet

Map Produced: May 2022

Exhibit C



VICINITY MAP

AMERICAN TOWER®

ATC SITE NAME: SALEM CT SQA
ATC SITE NUMBER: 411184
T-MOBILE SITE NAME: WEST RD EAST HADDAM ATC
T-MOBILE SITE NUMBER:CTHA347B
SITE ADDRESS: 399 WEST ROAD
SALEM, CT 06420-3507

LOCATION MAP

T-MOBILE COVERAGE STRATEGY COLLOCATION PLAN
67E5D998E 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: UTILITY COMPANY DIRECT
PHONE: UNKNOWN

TELEPHONE COMPANY: UNKNOWN
PHONE: UNKNOWN

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

PROJECT SUMMARY

SITE ADDRESS:

399 WEST ROAD
SALEM, CT 06420-3507
COUNTY: NEW LONDON

GEOGRAPHIC COORDINATES:

LATITUDE: 41.48781892
LONGITUDE: -72.31321833
GROUND ELEVATION: 566' AMSL

PROJECT TEAM

TOWER OWNER:

AMERICAN TOWER
10 PRESIDENTIAL WAY
WOBURN, MA 01801

APPLICANT:

T-MOBILE

ENGINEER:

HUDSON DESIGN GROUP, LLC.
45 BEECHWOOD DRIVE
NORTH ANDOVER, MA 01845

PROPERTY OWNER:

WILLIS CLARK
399 WEST ROAD
SALEM, CT 06420-3507

PROJECT DESCRIPTION

THE PROPOSED PROJECT INCLUDES INSTALLING EQUIPMENT CABINETS AND A GENERATOR ON A PROPOSED CONCRETE PAD W/ ICE CANOPY INSIDE A 10' X 15' GROUND SPACE WITHIN THE EXISTING COMPOUND, AND INSTALLING NEW EQUIPMENT AND MOUNTS ON THE EXISTING TOWER.

TOWER SCOPE:
INSTALL (1) PLATFORM MOUNT, (1) DISH, (9) ANTENNA(s), (6) RRH(s), (3) 6/24 4AWG HYBRID TRUNK CABLE(s) AND (1) 1/2" COAX CABLE

GROUND SCOPE:
INSTALL (1) 10'X15' CONCRETE PAD, (1) 6160 CABINET, (1) B160 BATTERY CABINET, (1) RBS 6601 CABINET, (2) PSU 4813 , (2) RP 6651, (1) CSR IXRE V2 (GEN), (1) ICE BRIDGE, (1) ICE CANOPY, (1) H-FRAME, (1) PURCELL CABINET, (1) HOFFMAN BOX, (1) POWER PANEL, (1) ATS, (1) LED LUMINARE, (1) GENERAC RD048 KW GENERATOR AND (1) METER AND DISCONNECT AND POWER AND TELCO ROUTING

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

HEAD SOUTHWEST ON I-395 STAKE EXIT 77 FOR CT-85 TOWARD WATERFORD/CHESTERFIELDTURN RIGHT ONTO CT-85 NAT THE TRAFFIC CIRCLE, CONTINUE STRAIGHT TO STAY ON CT-85 NTURN LEFT ONTO WITCH MEADOW RDTURN LEFT ONTO WEST RD

SHEET INDEX

SHEET NO:	DESCRIPTION:	REV:	DATE:	BY:
G-001	TITLE SHEET	0	07/29/22	BB
G-002	GENERAL NOTES	0	07/29/22	BB
C-101	DETAILED SITE PLAN	0	07/29/22	BB
C-102	DETAILED EQUIPMENT PLAN	0	07/29/22	BB
C-201	TOWER ELEVATION	0	07/29/22	BB
C-401	ANTENNA INFORMATION & SCHEDULE	0	07/29/22	BB
C-501	MOUNT DETAILS	0	07/29/22	BB
C-502	CONSTRUCTION DETAILS	0	07/29/22	BB
C-503	CONSTRUCTION DETAILS	0	07/29/22	BB
C-504	CONSTRUCTION DETAILS	0	07/29/22	BB
E-101	GROUNDING DETAILS & ELECTRICAL SCHEMATIC	0	07/29/22	BB
E-501	GROUNDING DETAILS	0	07/29/22	BB
E-601	PANEL SCHEDULE	0	07/29/22	BB
R-601-R612	SUPPLEMENTAL	0		

AMERICAN TOWER®

HUDSON Design Group LLC
45 BEECHWOOD DRIVE
N. ANDOVER, MA 01845
TEL: (978) 557-5553
FAX: (978) 336-5586

REV.	DESCRIPTION	BY	DATE
A	PRELIM	SS	06/02/22
0	FINALS	BB	07/29/22

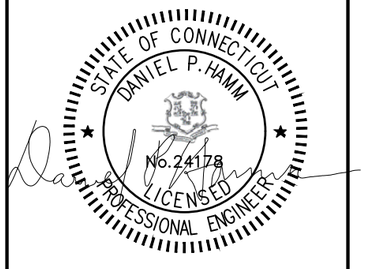
ATC SITE NUMBER:
411184

ATC SITE NAME:
SALEM CT SQA

T-MOBILE SITE NAME:
WEST RD EAST HADDAM ATC

SITE ADDRESS:
399 WEST ROAD
SALEM, CT 06420-3507

SEAL:



T-Mobile

DATE DRAWN:	06/02/22
ATC JOB NO:	14099773_G2
CUSTOMER ID:	WEST RD EAST HADDAM ATC
CUSTOMER #:	CTHA347B

TITLE SHEET

SHEET NUMBER:	REVISION:
G-001	0

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.

STRUCTURAL STEEL NOTES:

1. STRUCTURAL STEEL SHALL CONFORM TO THE LATEST EDITION OF THE AISC "SPECIFICATION FOR THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS."
2. STRUCTURAL STEEL ROLLED SHAPES, PLATES AND BARS SHALL CONFORM TO THE FOLLOWING ASTM DESIGNATIONS:
   - A. ASTM A-572, GRADE 50 - ALL W SHAPES, UNLESS NOTED OR A992 OTHERWISE
   - B. ASTM A-36 - ALL OTHER ROLLED SHAPES, PLATES AND BARS UNLESS NOTED OTHERWISE.
   - C. ASTM A-500, GRADE B - HSS SECTION (SQUARE, RECTANGULAR, AND ROUND)
   - D. ASTM A-325, TYPE SC OR N - ALL BOLTS FOR CONNECTING STRUCTURAL MEMBERS
   - E. ASTM F-1554 07 - ALL ANCHOR BOLTS, UNLESS NOTED OTHERWISE
3. ALL EXPOSED STRUCTURAL STEEL MEMBERS SHALL BE HOT-DIPPED GALVANIZED AFTER FABRICATION PER ASTM A123. EXPOSED STEEL HARDWARE AND ANCHOR BOLTS SHALL BE GALVANIZED PER ASTM A153 OR B695.
4. ALL FIELD CUT SURFACES, FIELD DRILLED HOLES AND GROUND SURFACES WHERE EXISTING PAINT OR GALVANIZATION REMOVAL WAS REQUIRED SHALL BE REPAIRED WITH (2) BRUSHED COATS OF ZRC GALVILITE COLD GALVANIZING COMPOUND PER ASTM A780 AND MANUFACTURER'S RECOMMENDATIONS.
5. DO NOT DRILL HOLES THROUGH STRUCTURAL STEEL MEMBERS EXCEPT AS SHOWN AND DETAILED ON STRUCTURAL DRAWINGS.
6. CONNECTIONS:
   - A. ALL WELDING TO BE PERFORMED BY AWS CERTIFIED WELDERS AND CONDUCTED IN ACCORDANCE WITH THE LATEST EDITION OF THE AWS WELDING CODE D1.1.
   - B. ALL WELDS SHALL BE INSPECTED VISUALLY. 25% OF WELDS SHALL BE INSPECTED WITH DYE PENETRANT OR MAGNETIC PARTICLE TO MEET THE ACCEPTANCE CRITERIA OF AWS D1.1. REPAIR ALL WELDS AS NECESSARY.
   - C. INSPECTION SHALL BE PERFORMED BY AN AWS CERTIFIED WELD INSPECTOR.
   - D. IT IS THE CONTRACTORS RESPONSIBILITY TO PROVIDE BURNING/WELDING PERMITS AS REQUIRED BY LOCAL GOVERNING AUTHORITY AND IF REQUIRED SHALL HAVE FIRE DEPARTMENT DETAIL FOR ANY WELDING ACTIVITY.
   - E. ALL ELECTRODES TO BE LOW HYDROGEN, MATCHING FILLER METAL, PER AWS D1.1, UNLESS NOTED OTHERWISE.
   - F. MINIMUM WELD SIZE TO BE 0.1875 INCH FILLET WELDS, UNLESS NOTED OTHERWISE.
   - G. PRIOR TO FIELD WELDING GALVANIZING MATERIAL, CONTRACTOR SHALL GRIND OFF GALVANIZING ½" BEYOND ALL FIELD WELD SURFACES. AFTER WELD AND WELD INSPECTION IS COMPLETE, REPAIR ALL GROUND AND WELDED SURFACES WITH ZRC GALVILITE COLD GALVANIZING COMPOUND PER ASTM A780 AND MANUFACTURERS RECOMMENDATIONS.
   - H. THE CONTRACTOR SHALL PROVIDE ADEQUATE SHORING AND/OR BRACING WHERE REQUIRED DURING CONSTRUCTION UNTIL ALL CONNECTIONS ARE COMPLETE.
   - I. ANY FIELD CHANGES OR SUBSTITUTIONS SHALL HAVE PRIOR APPROVAL FROM THE ENGINEER, AND T-MOBILE PROJECT MANAGER IN WRITING

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 AND PROVIDE PRINTOUT OF THAT TEST.
   - 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).

CONCRETE AND REINFORCING STEEL NOTES:

1. DESIGN AND CONSTRUCTION OF ALL CONCRETE ELEMENTS SHALL CONFORM TO THE LATEST EDITIONS OF ALL APPLICABLE CODES INCLUDING: ACI 301 "SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS", ACI 117 "SPECIFICATIONS FOR TOLERANCES FOR CONCRETE CONSTRUCTION AND MATERIALS", AND ACI 318 "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE."
2. MIX DESIGN SHALL BE APPROVED BY T-MOBILE REP PRIOR TO PLACING CONCRETE.
3. CONCRETE SHALL BE NORMAL WEIGHT, 6 % AIR ENTRAINED (+/- 1.5%) WITH A SLUMP RANGE OF 3-6" AND HAVE A MINIMUM 28-DAY COMPRESSIVE STRENGTH OF 4000 PSI UNLESS OTHERWISE NOTED.
4. THE FOLLOWING MATERIALS SHALL BE USED:

PORTLAND CEMENT:	ASTM C150, TYPE 2
REINFORCEMENT:	ASTM A185, PLAIN STEEL WELDED WIRE FABRIC
REINFORCEMENT BARS:	ASTM A615, GRADE 60, DEFORMED
NORMAL WEIGHT AGGREGATE:	ASTM C33
WATER:	ASTM C 94/C 94M
WELDED WIRE FABRIC:	ASTM A185
ADMIXTURES:	
-WATER-REDUCING AGENT:	ASTM C 494/C 494M, TYPE A
-AIR-ENTERING AGENT:	ASTM C 260/C 260M
-SUPERPLASTICIZER:	ASTM C494, TYPE F OR TYPE G
-RETARDING:	ASTM C 494/C 494M, TYPE B

5. MINIMUM CONCRETE COVER FOR REINFORCING STEEL SHALL BE NO LESS THAN 3".
6. A 3/4" CHAMFER SHALL BE PROVIDED AT ALL EXPOSED EDGES OF CONCRETE IN ACCORDANCE WITH ACI 301 SECTION 4.2.4, UNLESS NOTED OTHERWISE.
7. INSTALLATION OF CONCRETE EXPANSION/WEDGE ANCHOR SHALL BE PER MANUFACTURER'S WRITTEN RECOMMENDED PROCEDURE. THE ANCHOR BOLT, DOWEL, OR ROD SHALL CONFORM TO MANUFACTURER'S RECOMMENDATION FOR EMBEDMENT DEPTH OR AS SHOWN ON THE DRAWINGS. NO REBAR SHALL BE CUT WITHOUT PRIOR APPROVAL FROM AN ATC ENGINEER WHEN DRILLING HOLES IN CONCRETE.
8. ADMIXTURES SHALL CONFORM TO THE APPROPRIATE ASTM STANDARD AS REFERENCED IN "METHOD 1" OF ACI 301.
9. DO NOT WELD OR TACK WELD REINFORCING STEEL.
10. ALL DOWELS, ANCHOR BOLTS, EMBEDDED STEEL, ELECTRICAL CONDUITS, PIPE SLEEVES, GROUNDS AND ALL OTHER EMBEDDED ITEMS AND FORMED DETAILS SHALL BE IN PLACE BEFORE START OF CONCRETE PLACEMENT.
11. REINFORCEMENT SHALL BE COLD BENT WHENEVER BENDING IS REQUIRED.
12. DO NOT PLACE CONCRETE IN WATER, ICE, OR ON FROZEN GROUND.
13. FOR COLD-WEATHER (ACI 306) AND HOT-WEATHER (ACI 301M) CONCRETE PLACEMENT, CONFORM TO APPLICABLE ACI CODES AND RECOMMENDATIONS. IN EITHER CASE, MATERIALS CONTAINING CHLORIDE, CALCIUM, SALTS, ETC. SHALL NOT BE USED. PROTECT FRESH CONCRETE FROM WEATHER FOR 7 DAYS, MINIMUM.
14. ALL CONCRETE SHALL HAVE A "SMOOTH FORM FINISH."
15. SPLICING OF REINFORCEMENT IS PERMITTED ONLY AT LOCATIONS SHOWN IN THE CONTRACT DRAWINGS OR AS ACCEPTED BY THE ENGINEER. UNLESS OTHERWISE SHOWN OR NOTED REINFORCING STEEL SHALL BE SPLICED TO DEVELOP ITS FULL TENSILE CAPACITY (CLASS A) IN ACCORDANCE WITH ACI 318.
16. DETAILING OF REINFORCING STEEL SHALL CONFORM TO "ACI MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES" (ACI 315).
17. ALL SLAB CONSTRUCTION SHALL BE CAST MONOLITHICALLY WITHOUT HORIZONTAL CONSTRUCTION JOINTS, UNLESS SHOWN IN THE CONTRACT DRAWINGS.
18. LOCATION OF ALL CONSTRUCTION JOINTS ARE SUBJECT TO THE REQUIREMENTS OF THE CONTRACT DOCUMENTS, CONFORMANCE WITH ACI 318, AND ACCEPTANCE OF THE ENGINEER. DRAWINGS SHOWING LOCATION OF DETAILS OF THE PROPOSED CONSTRUCTION JOINTS SHALL BE SUBMITTED WITH REINFORCING STEEL PLACEMENT DRAWINGS.
19. SPLICES OF WWF, AT ALL SPLICED EDGES, SHALL BE SUCH THAT THE OVERLAP MEASURED BETWEEN OUTERMOST CROSS WIRES OF EACH FABRIC SHEET IS NOT LESS THAN THE SPACING OF THE CROSS WIRE PLUS 2 INCHES, NOR LESS THAN 6".
20. BAR SUPPORTS SHALL BE ALL-GALVANIZED METAL WITH PLASTIC TIPS.
21. ALL REINFORCEMENT SHALL BE SECURELY TIED IN PLACE TO PREVENT DISPLACEMENT BY CONSTRUCTION TRAFFIC OR CONCRETE. TIE WIRE SHALL BE OF SUFFICIENT STRENGTH FOR INTENDED PURPOSE, BUT NOT LESS THAN NO. 18 GAUGE.
22. SLAB ON GROUND: COMPACT STRUCTURAL FILL TO 95% DENSITY AND THEN PLACE 6" GRAVEL BENEATH SLAB.

ELECTRICAL NOTES:

1. ELECTRICAL WORK SHALL BE PERFORMED BY ELECTRICAL CONTRACTOR. ELECTRICAL CONTRACTOR SHALL ENSURE THAT ALL WORK COMPLIES WITH ALL APPLICABLE LOCAL AND STATE CODES AND NATIONAL ELECTRICAL CODE.
2. ALL SUGGESTED ELECTRICAL ELEMENTS (SUCH AS BREAKER SIZES, WIRE SIZES, CONDUITS SIZES) ARE FOR ZONING PURPOSES ONLY. IT IS THE RESPONSIBILITY TO OF THE ELECTRICAL CONTRACTOR TO CONFIRM COMPLIANCE WITH LOCAL ELECTRICAL CODES AND PASS ALL APPLICABLE AND NECESSARY INSPECTIONS. IN SOME EVENTS, IT MAY BE NECESSARY TO PERFORM AN ELECTRICAL LOAD STUDY TO VERIFY THE CAPACITY OF THE EXISTING SERVICE. THIS IS NOT THE RESPONSIBILITY OF ATC. IT IS THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR.
3. CONTRACTOR SHALL FIELD LOCATE ALL BELOW GRADE GROUNDING CABLES AND UTILITY LINES PRIOR TO CONSTRUCTION. CONTRACTOR IS RESPONSIBLE FOR RELOCATION OF ALL UTILITIES AND GROUNDING LINES THAT MAY BECOME DISTURBED OR CONFLICTING IN THE COURSE OF CONSTRUCTION.

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®

HUDSON Design Group LLC
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TEL: (978) 557-5553
FAX: (978) 336-5586

REV.	DESCRIPTION	BY	DATE
A	PRELIM	SS	06/02/22
0	FINALS	BB	07/21/22

ATC SITE NUMBER:
411184

ATC SITE NAME:
SALEM CT SQA

T-MOBILE SITE NAME:
WEST RD EAST HADDAM ATC

SITE ADDRESS:
399 WEST ROAD
SALEM, CT 06420-3507

SEAL:

STATE OF CONNECTICUT
DANIEL P. HAMM
No. 24178
LICENSED PROFESSIONAL ENGINEER

T-Mobile

DATE DRAWN:	06/02/22
ATC JOB NO:	14099773_G2
CUSTOMER ID:	WEST RD EAST HADDAM ATC
CUSTOMER #:	CTHA347B

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.

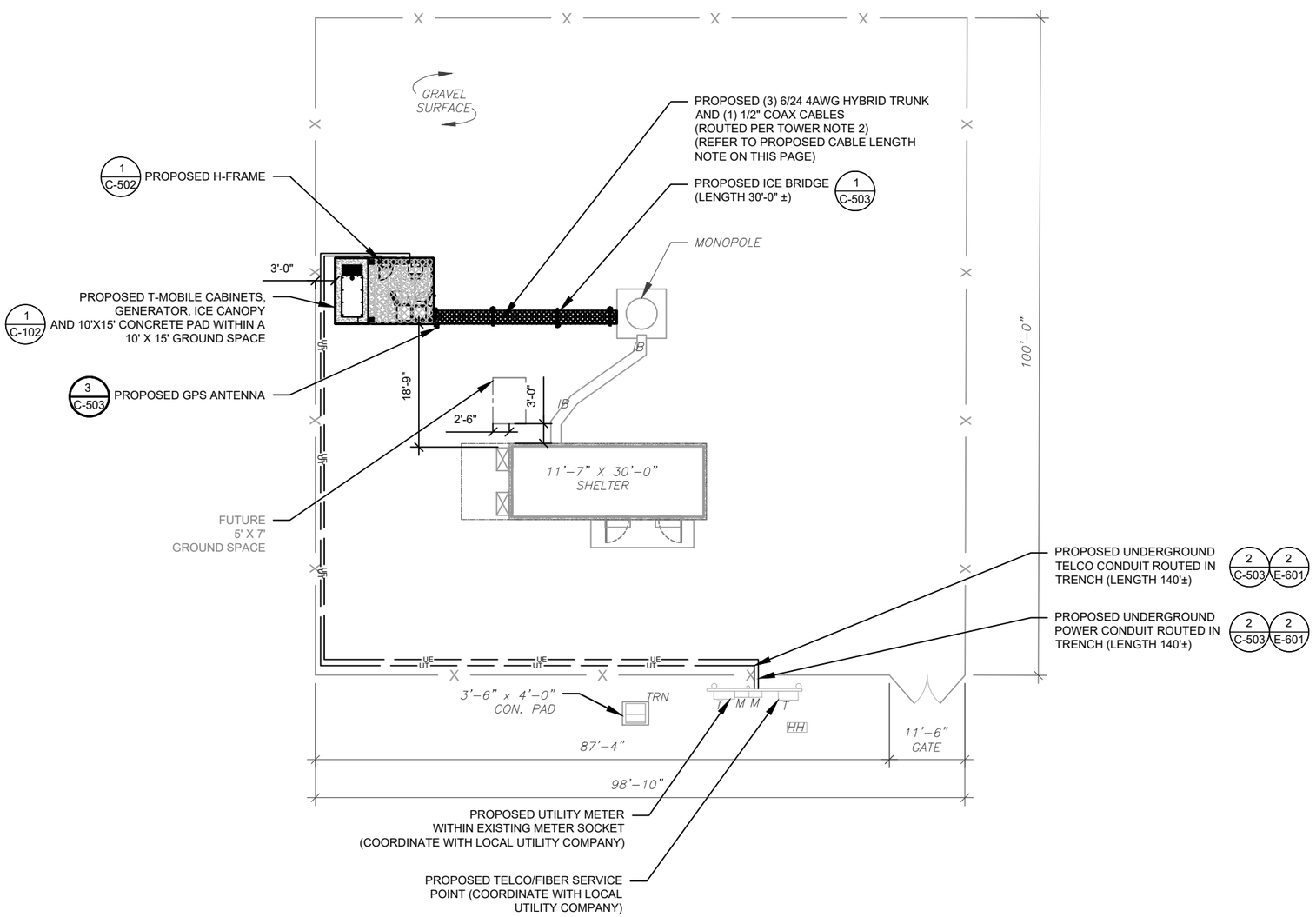
3. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE WITH THE T-MOBILE REPRESENTATIVE AND LOCAL UTILITY COMPANY FOR THE INSTALLATION OF CONDUITS, CONDUCTORS, BREAKERS, DISCONNECTS, OR ANY OTHER EQUIPMENT REQUIRED FOR ELECTRICAL SERVICE. ALL ELECTRICAL WORK SHALL BE PERFORMED IN ACCORDANCE WITH LATEST EDITION OF THE STATE AND NATIONAL CODES, ORDINANCES AND REGULATIONS APPLICABLE TO THIS PROJECT.

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 **215'**. 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

20 0 10 20

(IN FEET)
1 UNIT = 20 FEET

N

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HUDSON Design Group LLC

45 BEECHWOOD DRIVE
N. ANDOVER, MA 01845

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REV.	DESCRIPTION	BY	DATE
A	PRELIM	SS	06/02/22
0	FINALS	BB	07/29/22

ATC SITE NUMBER:
411184

ATC SITE NAME:
SALEM CT SQA

T-MOBILE SITE NAME:
WEST RD EAST HADDAM ATC

SITE ADDRESS:
399 WEST ROAD
SALEM, CT 06420-3507

SEAL:

STATE OF CONNECTICUT
DANIEL P. HAMM
No. 24178
LICENSED PROFESSIONAL ENGINEER

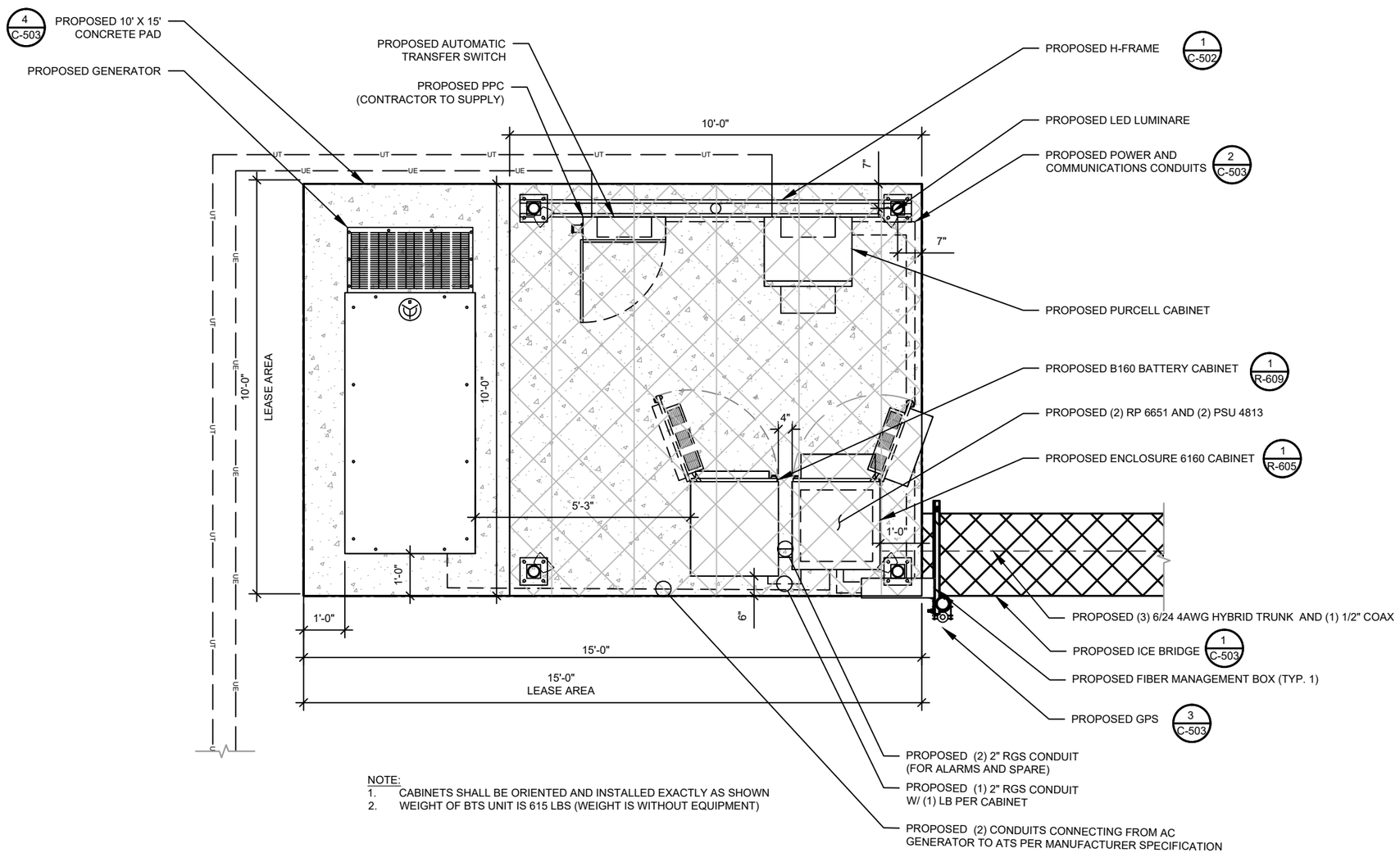
T-Mobile

DATE DRAWN:	06/02/22
ATC JOB NO:	14099773_G2
CUSTOMER ID:	WEST RD EAST HADDAM ATC
CUSTOMER #:	CTHA347B

DETAILED SITE PLAN

SHEET NUMBER: C-101

REVISION: 0



NOTE:
1. CABINETS SHALL BE ORIENTED AND INSTALLED EXACTLY AS SHOWN
2. WEIGHT OF BTS UNIT IS 615 LBS (WEIGHT IS WITHOUT EQUIPMENT)

1 PROPOSED GROUND EQUIPMENT LAYOUT

GRAPHIC SCALE
3 0 1.5' 3
(IN FEET)
1 UNIT = 3 FEET

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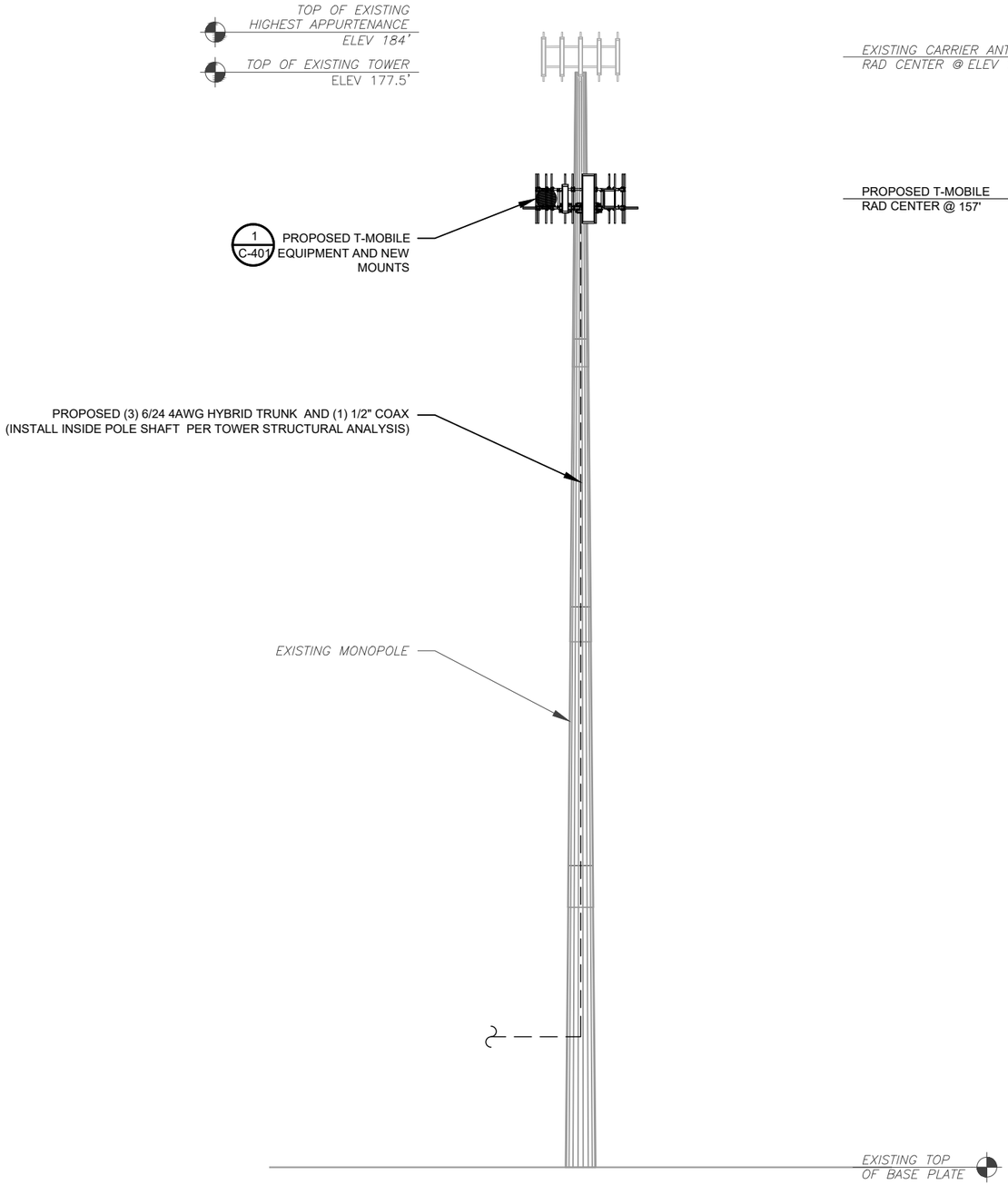
DETAILED EQUIPMENT PLAN

SHEET NUMBER:	REVISION:
C-102	0

PER MOUNT ANALYSIS COMPLETED BY ATC, DATED 05/16/22, THE PROPOSED MOUNT CAN ADEQUATELY SUPPORT THE PROPOSED LOADING.



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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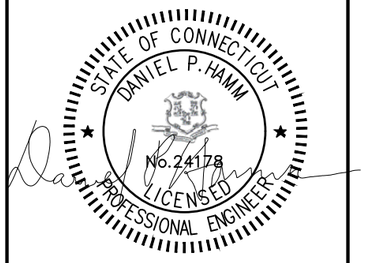


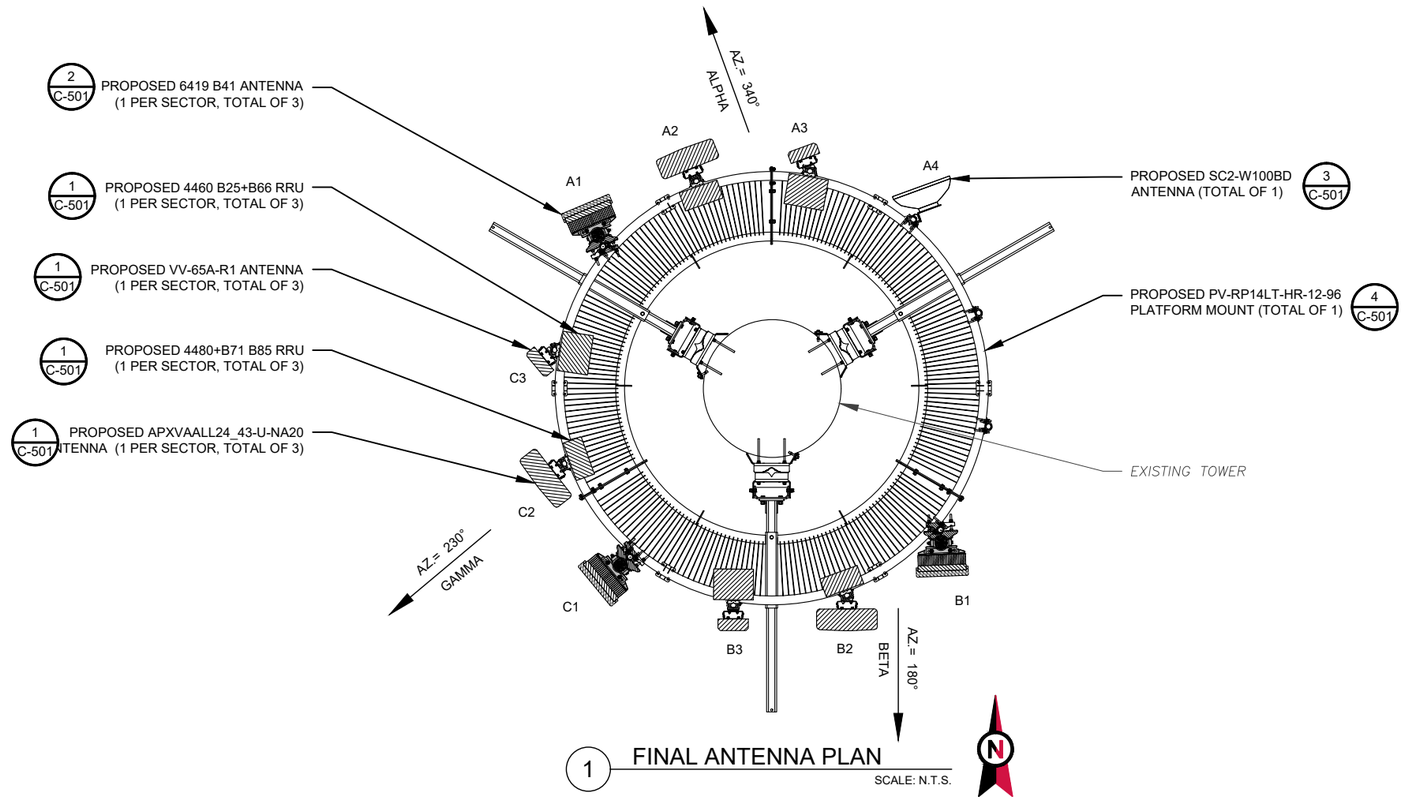
T-Mobile

DATE DRAWN:	06/02/22
ATC JOB NO:	14099773_G2
CUSTOMER ID:	WEST RD EAST HADDAM ATC
CUSTOMER #:	CTHA347B

TOWER ELEVATION

SHEET NUMBER:	REVISION:
C-201	0

PER MOUNT ANALYSIS COMPLETED BY ATC, DATED 05/16/22, THE PROPOSED MOUNT CAN ADEQUATELY SUPPORT THE PROPOSED LOADING.



1 FINAL ANTENNA PLAN

SCALE: N.T.S.

FINAL ANTENNA/ COAX SCHEDULE						
SECTOR	ANT.	MODEL #	RAD CENTER	AZIMUTH	ADDITIONAL TOWER MOUNTED EQUIPMENT	CABLE DESCRIPTION
ALPHA	A1	AIR 6419 B41	157'	340°	-	(3) 6/24 4AWG HYBRID TRUNK AND (1) 1/2" COAX
ALPHA	A2	APXVAALL24_43-U-NA20	157'	340°	RRU 4480 B71+B85	
ALPHA	A3	VV-65A-R1	157'	340°	RRU 4460 B25+66	
ALPHA	A4	SC2-W100BD	157'	340°	-	
BETA	B1	AIR 6419 B41	157'	180°	-	
BETA	B2	APXVAALL24_43-U-NA20	157'	180°	RRU 4480 B71+B85	
BETA	B3	VV-65A-R1	157'	180°	RRU 4460 B25+66	
GAMMA	C1	AIR 6419 B41	157'	230°	-	
GAMMA	C2	APXVAALL24_43-U-NA20	157'	230°	RRU 4480 B71+B85	
GAMMA	C3	VV-65A-R1	157'	230°	RRU 4460 B25+66	

1. CONFIRM WITH CARRIER REP FOR APPLICABLE UPDATES/REVISIONS AND MOST RECENT RFDS.

2. ALL PROPOSED EQUIPMENT INCLUDING ANTENNAS, COAX, ETC. SHALL BE MOUNTED IN ACCORDANCE WITH THE TOWER STRUCTURAL ANALYSIS ON FILE WITH THE ATC CM.

3. SPACING OF PROPOSED EQUIPMENT SHALL BE CONFIRMED FOR TOWER CONFLICTS AND PROPOSED MOUNTS SHALL NOT IMPEDE TOWER CLIMBING PEGS.

4. INSTALL [TOWER JUNCTION BOX MODEL AND QUANTITY].

2 ANTENNA SCHEDULE

RF JUMPER LENGTH
MONOPOLE = 15'± GUYED / SELF SUPPORT = FACE WIDTH + 15'
REFER TO FINAL RFDS FOR TYPE AND QUANTITY

AMERICAN TOWER®

HUDSON Design Group LLC

45 BEECHWOOD DRIVE
N. ANDOVER, MA 01845

TEL: (978) 557-5553
FAX: (978) 336-5586

REV.	DESCRIPTION	BY	DATE
A	PRELIM	SS	06/02/22
0	FINALS	BB	07/29/22

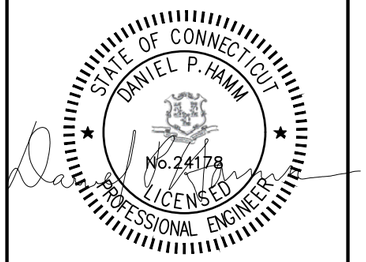
ATC SITE NUMBER:
411184

ATC SITE NAME:
SALEM CT SQA

T-MOBILE SITE NAME:
WEST RD EAST HADDAM ATC

SITE ADDRESS:
399 WEST ROAD
SALEM, CT 06420-3507

SEAL:

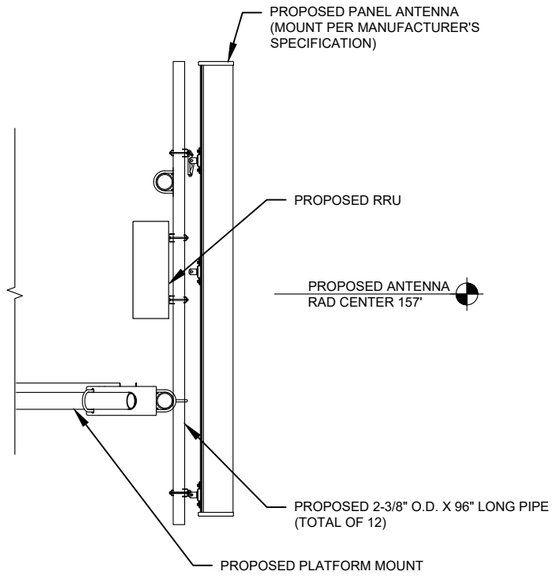


T-Mobile

DATE DRAWN:	06/02/22
ATC JOB NO:	14099773_G2
CUSTOMER ID:	WEST RD EAST HADDAM ATC
CUSTOMER #:	CTHA347B

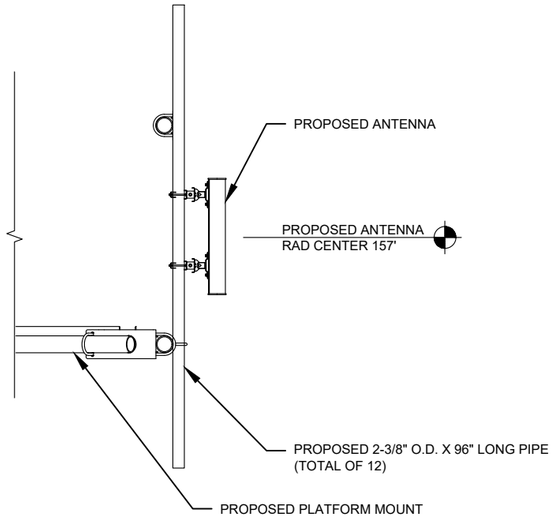
ANTENNA INFORMATION & SCHEDULE

SHEET NUMBER:	REVISION:
C-401	0



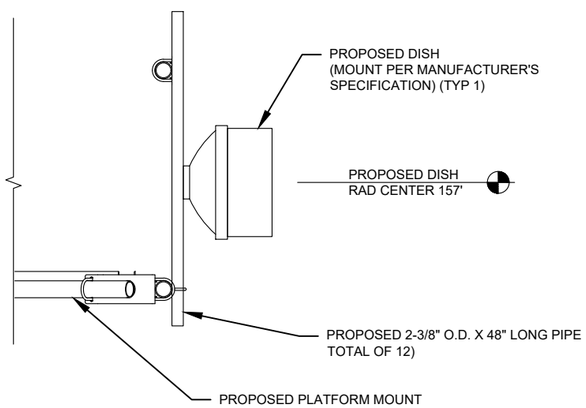
1 PROPOSED ANTENNA MOUNTING DETAIL (ELEVATION)

SCALE: N.T.S.



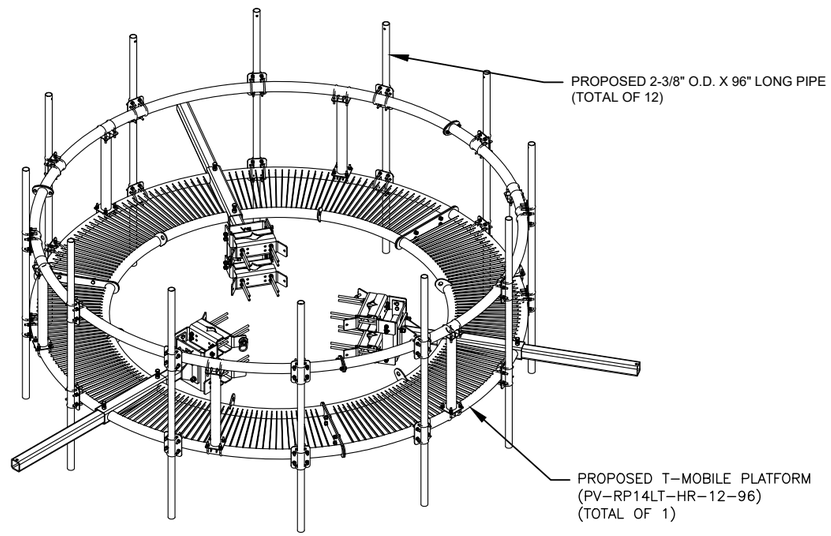
2 PROPOSED 5G ANTENNA MOUNTING DETAIL - TYPICAL

SCALE: N.T.S.



3 PROPOSED MICROWAVE DISH MOUNTING DETAIL (ELEVATION)

SCALE: N.T.S.



4 PROPOSED LOW PROFILE PLATFORM KIT DETAIL

SCALE: N.T.S.

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WEST RD EAST HADDAM ATC

SITE ADDRESS:
399 WEST ROAD
SALEM, CT 06420-3507

SEAL:

STATE OF CONNECTICUT
DANIEL P. HAMM
No. 24178
LICENSED
PROFESSIONAL ENGINEER

T-Mobile

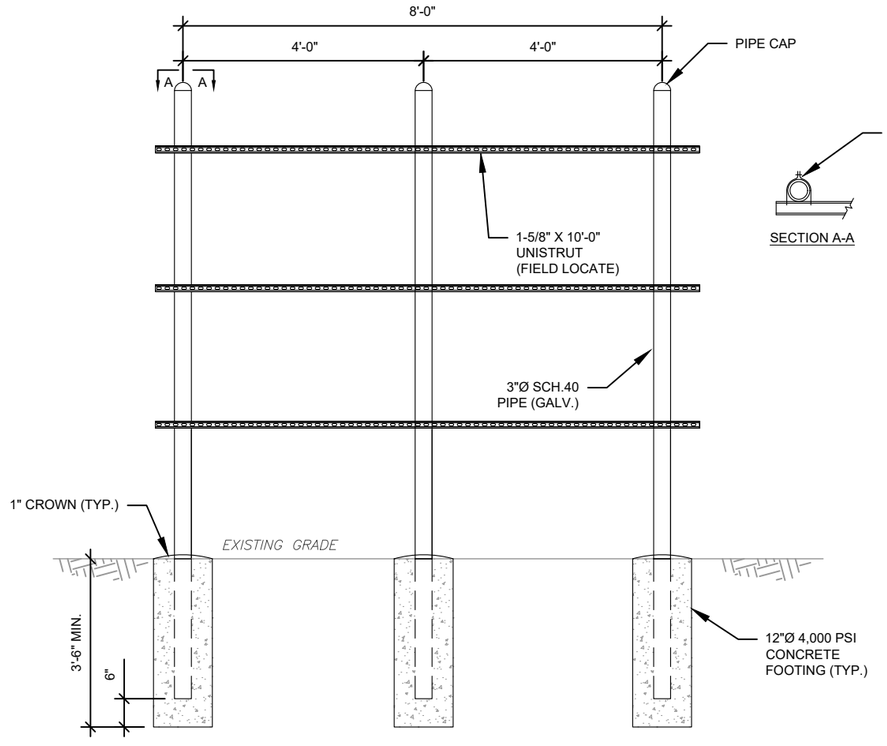
DATE DRAWN:	06/02/22
ATC JOB NO:	14099773_G2
CUSTOMER ID:	WEST RD EAST HADDAM ATC
CUSTOMER #:	CTHA347B

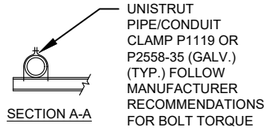
MOUNT DETAILS

SHEET NUMBER:	REVISION:
C-501	0

H-FRAME NOTES:

1. IF IT IS NECESSARY TO EXTEND THE H-FRAME, AN ADDITIONAL POST WILL ALWAYS BE REQUIRED.
2. PROPOSED UNISTRUTS TO BE FIELD CUT AND SHOULD NOT EXTEND MORE THAN 6 INCHES BEYOND THE LAST POST.
3. SPRAY ENDS OF UNISTRUT WITH COLD GALVANIZING SPRAY PAINT, ALLOW TO DRY, THEN COVER WITH RUBBER PROTECTIVE CAPS FOR SAFETY.
4. UNISTRUT TO BE CUT FLUSH WITH NO SHARP OR JAGGED EDGES.
5. ALL PROPOSED HARDWARE TO BE MOUNTED PER MANUFACTURERS SPECS.

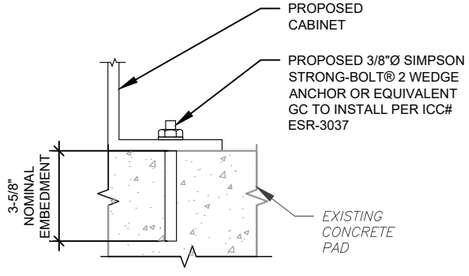




SECTION A-A

1 TYPICAL H-FRAME DETAIL

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.

2 CABINET ATTACHMENT DETAIL

SCALE: N.T.S.

AMERICAN TOWER®

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45 BEECHWOOD DRIVE
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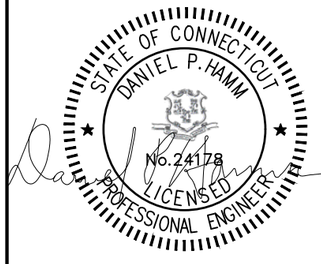
SALEM, CT 06420-3507

SEAL:

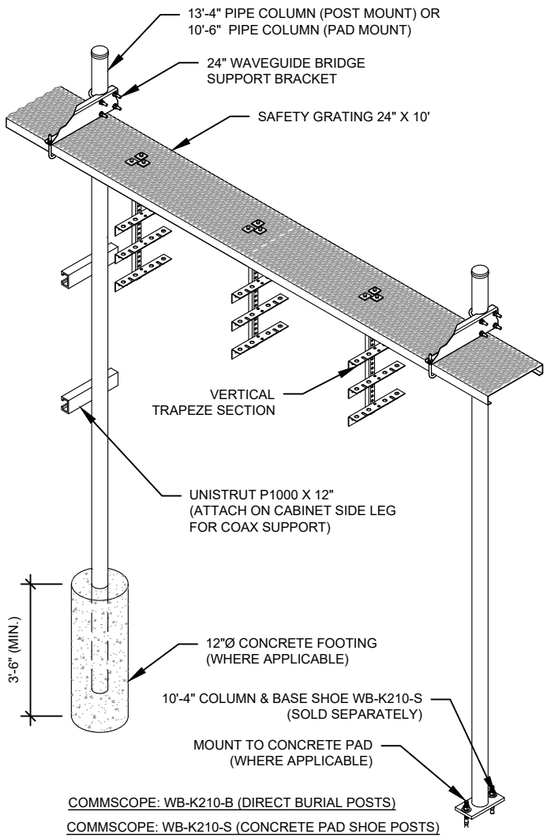


T-Mobile

DATE DRAWN:	06/02/22
ATC JOB NO:	14099773_G2
CUSTOMER ID:	WEST RD EAST HADDAM ATC
CUSTOMER #:	CTHA347B

CONSTRUCTION DETAILS

SHEET NUMBER:	REVISION:
C-502	0

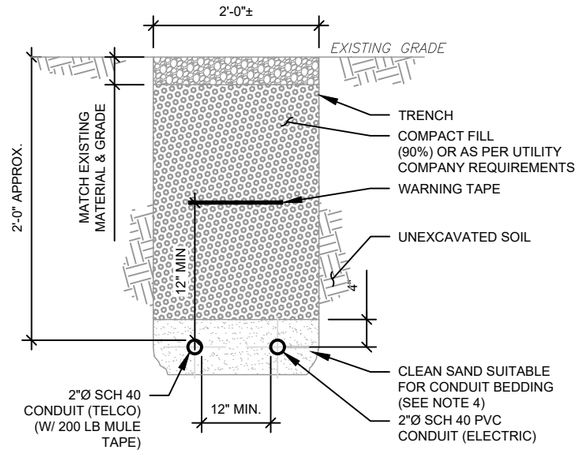


CONSTRUCTION NOTE:

1. INSTALL ICE BRIDGE TO ALLOW 7 FEET CLEARANCE ABOVE GRADE TO LOWEST APPURTENANCE.
2. INSTALL PER MANUFACTURES SPECIFICATION.

1 WAVEGUIDE BRIDGE KIT

SCALE: N.T.S.

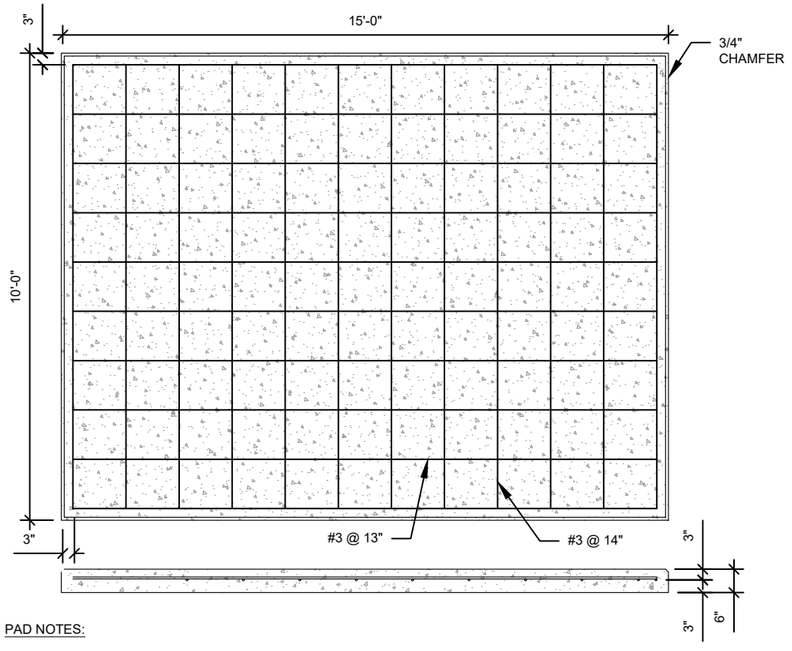


TRENCH NOTES:

1. IF FREE OF ORGANIC OR OTHER DELETERIOUS MATERIAL, EXCAVATED MATERIAL MAY BE USED FOR BACKFILL.
2. IF NOT, PROVIDE CLEAN, COMPACTIBLE MATERIAL. COMPACT IN 8" LIFTS. REMOVE ANY LARGE ROCKS PRIOR TO BACKFILLING. CONTRACTOR TO VERIFY LOCATION OF EXISTING U/G UTILITIES PRIOR TO DIGGING.
3. IF CURRENT AS-BUILT DRAWINGS ARE NOT AVAILABLE CONTRACTOR SHALL HAND DIG U/G TRENCHING.
4. CONCRETE ENCASE CONDUIT WHEN TRENCHING UNDER SITE ACCESS ROAD.

2 TELCO AND POWER CONDUIT JOINT TRENCH

SCALE: N.T.S.

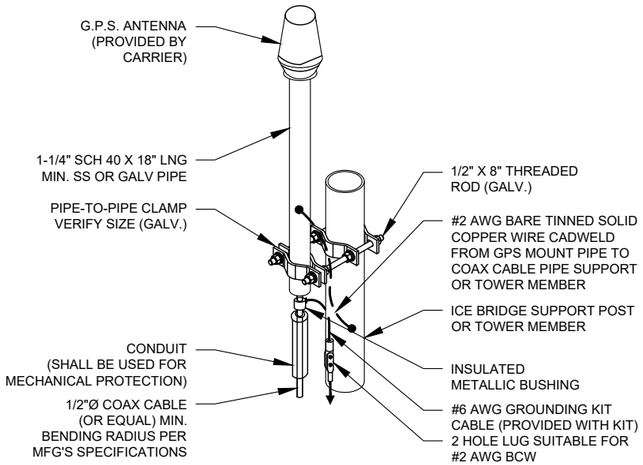


PAD NOTES:

1. PADS SHALL BE PRE-CAST MATCHING THIS DESIGN WHERE ALLOWED BY LOCAL JURISDICTION.
2. REFER TO CONCRETE & REINFORCED STEEL NOTES ON SHEET G-002 & ATC SPEC 033000 FOR CAST-IN-PLACE PADS.

4 REINFORCED PAD LAYOUT

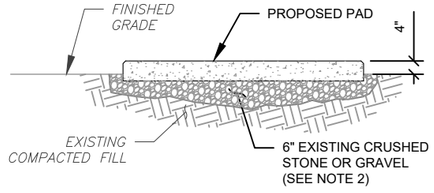
SCALE: N.T.S.



NOTE:
1. GPS SHALL BE PLACED WITH CLEAR SIGHT LINE TO THE SOUTHERN SKY.
2. CONTRACTOR TO SUPPLY COAX FOR GPS UNIT.

3 GPS ANTENNA ATTACHMENT DETAIL

SCALE: N.T.S.



PAD NOTES:

1. SUBGRADE AND FILL SHALL CONSIST OF CLEAN SOIL. DELETRIOUS MATERIAL AND ORGANICS SHALL BE REMOVED.
2. MECHANICALLY COMPACT FOOTPRINT OF PAD PLUS 2' PERIMETER.
3. USE GALVANIZED HILTI EXPANSION ANCHORS OR, APPROVED EQUAL, FOR EQUIPMENT ANCHORAGE.
4. FOR SIZE AND LOCATION OF ANCHORS AND OTHER REQUIREMENT, SEE EQUIPMENT VENDOR DRAWINGS.

5 GRAVEL PREPARATION

SCALE: N.T.S.

AMERICAN TOWER®

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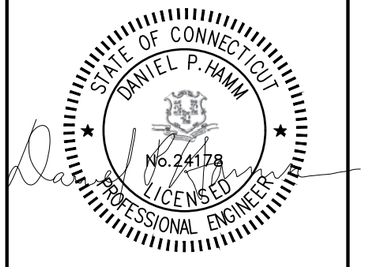
399 WEST ROAD
SALEM, CT 06420-3507

SEAL:

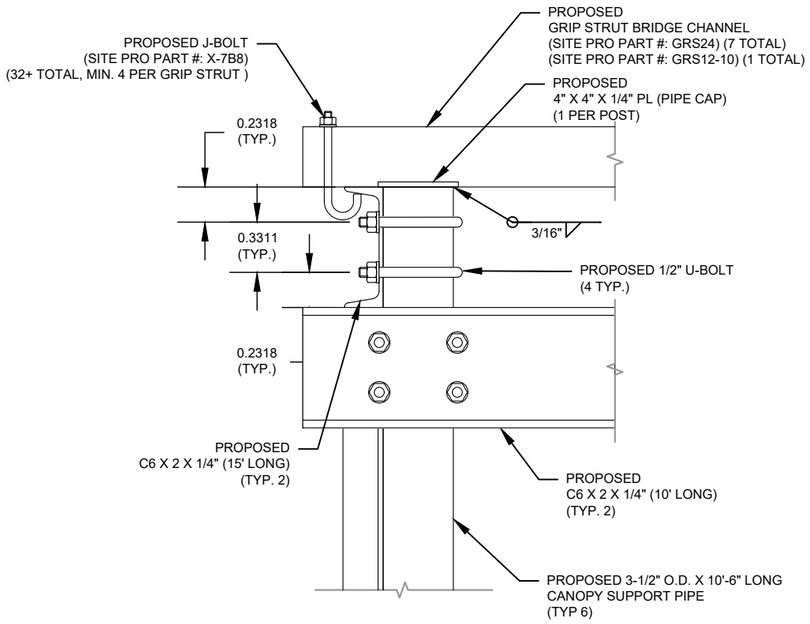


T-Mobile

DATE DRAWN:	06/02/22
ATC JOB NO:	14099773_G2
CUSTOMER ID:	WEST RD EAST HADDAM ATC
CUSTOMER #:	CTHA347B

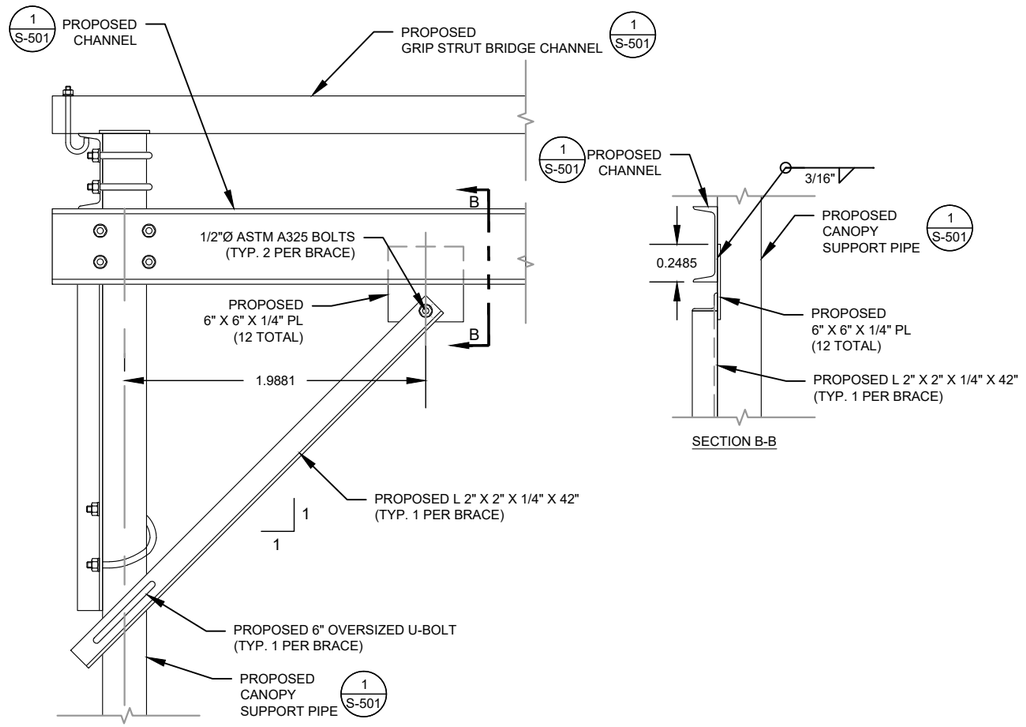
CONSTRUCTION DETAILS

SHEET NUMBER:	REVISION:
C-503	0



1 CANOPY SUPPORT DETIAL A-A

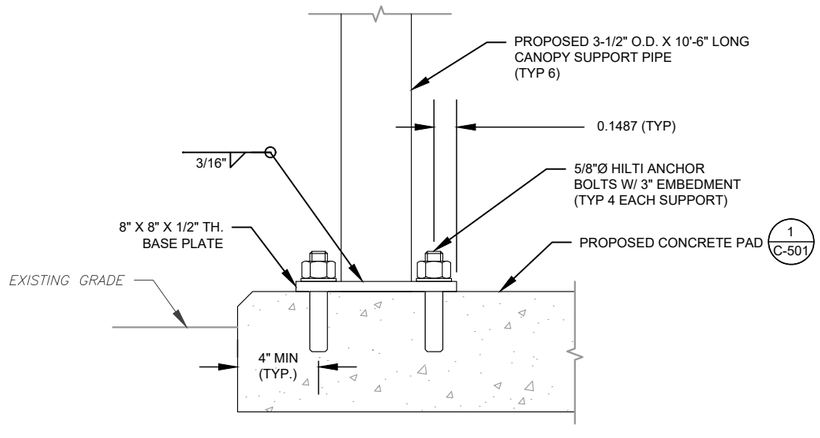
SCALE: N.T.S.



NOTE: EACH CANOPY POST SHALL HAVE (2) BRACES PER POST

2 CANOPY BRACING DETAIL

SCALE: N.T.S.



3 CANOPY SUPPORT/ANCHOR DETAIL

SCALE: N.T.S.

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HUDSON Design Group LLC

45 BEECHWOOD DRIVE
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SALEM CT SQA

T-MOBILE SITE NAME:
WEST RD EAST HADDAM ATC

SITE ADDRESS:
399 WEST ROAD
SALEM, CT 06420-3507

SEAL:

STATE OF CONNECTICUT
DANIEL P. HAMM
No. 24178
LICENSED
PROFESSIONAL ENGINEER

T-Mobile

DATE DRAWN:	06/02/22
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CUSTOMER ID:	WEST RD EAST HADDAM ATC
CUSTOMER #:	CTHA347B

CONSTRUCTION DETAILS

SHEET NUMBER:	REVISION:
C-504	0

GROUNDING NOTES:

1. ALL EQUIPMENT ENCLOSURES, DEVICES AND CONDUITS SHALL BE GROUNDED TO CONFORM WITH THE LATEST REQUIREMENTS OF THE NEC BY THE INSTALLATION OF A SEPARATE, GREEN, INSULATED GROUND CONDUCTOR FOR ALL FEEDER AND BRANCH CIRCUITS. GROUND CONDUCTORS SHALL BE OF THE SIZE INDICATED ON THE DRAWINGS. GROUND CONDUCTORS SHALL BE CONTINUOUS IN LENGTH AND SHALL BE BONDED TO EACH ENCLOSURE THEY PASS THROUGH. CONDUIT SHALL NOT BE USED AS A GROUNDING CONDUCTOR.

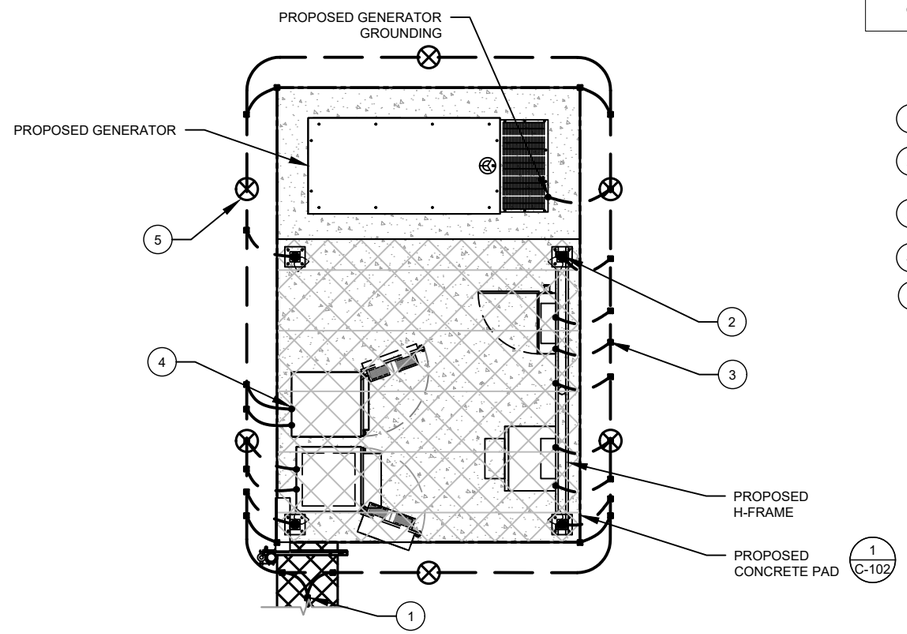
2. GROUNDING CONDUCTORS SHALL:
   - A. BE #2 AWG SOLID BARE TINNED COPPER (SBTC) FOR ALL GROUNDING SYSTEM WIRE UNLESS OTHERWISE NOTED, OR OTHERWISE REQUIRED BY CODE.
   - B. BE MINIMUM 12" BEND RADIUS. KEEP NUMBER OF BENDS TO A MINIMUM.
   - C. AVOID LONG BONDING CONNECTION RUNS. MAKE DIRECT AS POSSIBLE.
   - D. NOT HAVE ANY U-SHAPED RUNS.
   - E. BE IN NON-METALLIC CONDUIT ONLY, IF IN CONDUIT.
   - F. BE PLACED THROUGH NON-METALLIC SLEEVES IN FLOORS, WALLS, CEILINGS, ETC.
   - G. PROTECTED IN NON-METALLIC CONDUIT WHERE EXPOSED ABOVE GRADE.

2. INSTALL ALL GROUNDING RINGS AND RADIALS WITH CONDUCTIVE CEMENT, SANKOSHA AS DISTRIBUTED BY ELECTRIC MOTION COMPANY, INC., WINSTED, CT 06098, OR AS SPECIFICALLY INDICATED. INSTALL PER MANUFACTURER'S SPECIFICATIONS.

3. GROUND RINGS SHALL BE:
   - A. MINIMUM 30" BELOW GRADE, OR BELOW FROST LINE WHICHEVER IS DEEPER.
   - B. MINIMUM 2' FROM FOUNDATIONS, FOOTINGS, OTHER GROUNDING SYSTEMS AND ALL CONDUCTIVE OBJECTS.
   - C. WITH MINIMUM 12" BEND RADII.
   - D. WITH ALL CONNECTIONS IN CONTACT WITH EARTH, BONDED BY EXOTHERMIC WELDING.
   - E. BONDED TO A SINGLE POINT GROUND (SPG) WITH A SINGLE WIRE AS INDICATED ON DRAWINGS.

4. GROUND RODS SHALL BE:
   - A. MINIMUM 5/8" DIAMETER.
   - B. MINIMUM 10' LONG.
   - C. COPPER-CLAD GALVANIZED STEEL OR STAINLESS STEEL.
   - D. PLACED IN UNDISTURBED SOIL AND BELOW THE FROST LINE.
   - E. INSTALLED WITH MINIMUM SEPARATION DISTANCE OF TWICE THE DEPTH OF THE ROD(S), OR AS INDICATED ON DRAWINGS.
   - F. MINIMUM TWO (2) RODS ON THE TOWER RING OR ONE (1) PER LEG WHICHEVER IS LARGER, MINIMUM FOUR (4) RODS ON EVERY EQUIPMENT BUILDING RING WITH ONE AT EACH CORNER OR AS INDICATED, MINIMUM ONE (1) ROD FOR POWER SERVICE GROUNDING ELECTRODE, AND MINIMUM ONE (1) ROD AT END OF EACH RADIAL.

5. CONDUCTIVE OBJECTS, SUCH AS FENCES, SHALL BE BONDED TO THE GROUNDING SYSTEM IF WITHIN 20' OF THE TOWER GROUNDING SYSTEM, OR 5' OF ANY OTHER GROUNDED COMPONENT.



1 DETAILED GROUNDING PLAN

SCALE: N.T.S.

GROUNDING PLAN LEGEND:

- EXISTING GROUND WIRE
- GROUND WIRE
- EXOTHERMIC WELD
- MECHANICAL WELD
- 5/8"Ø X 10' COPPER GROUND ROD
- TEST WELL

GROUNDING KEYED NOTES:

1. BOND TO TOWER GROUND RING
2. #2 AWG BOND FROM VERTICAL H-FRAME AND ICE BRIDGE POST TO EXTERNAL GROUND RING (TYP. EVERY POST).
3. #2 AWG SBTC BOND FROM TOWER GROUND RING TO EQUIPMENT.
4. EQUIPMENT BOND TO GROUND RING (TYP.)
5. 5/8Ø" X 10 FT GROUND ROD.

AMERICAN TOWER®

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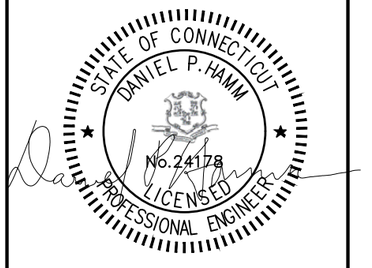

T-Mobile

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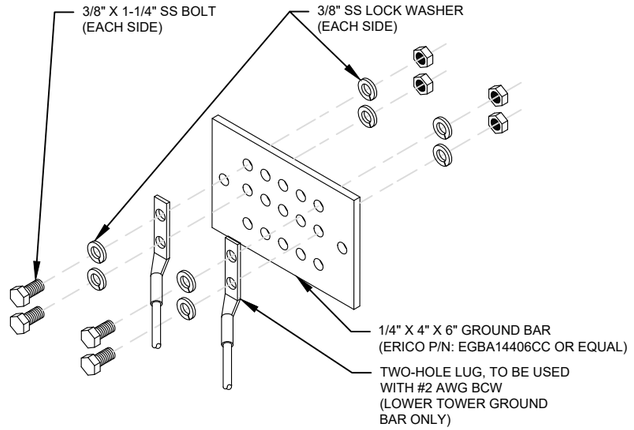
GROUNDING DETAILS

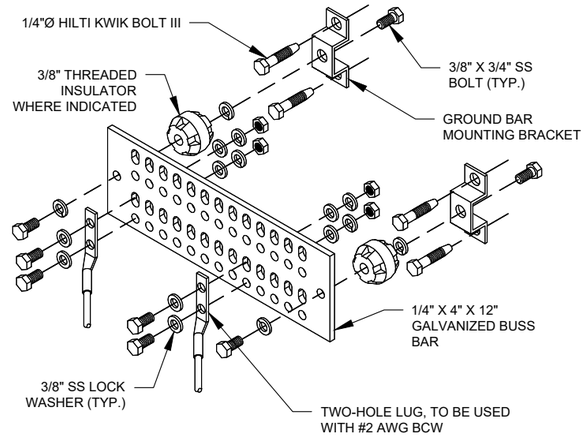
SHEET NUMBER:	REVISION:
E-101	0



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.

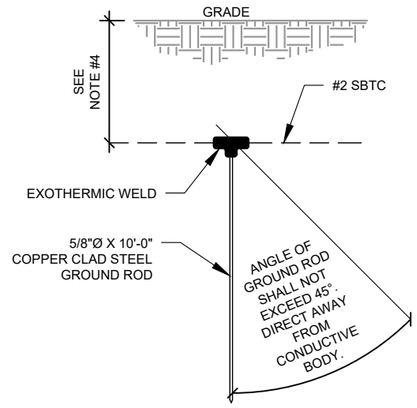
1 TOWER GROUND BAR DETAIL
SCALE: N.T.S.



GROUND BAR NOTES

1. GROUND KITS COME WITH ALL HARDWARE, NUTS, BOLTS, WASHERS, ETC. EXCEPT THE STRUCTURAL MOUNTING MEMBER(S).
2. GROUND BAR SHALL BE BOLTED TO STRUCTURAL MEMBER OR ANCHORED TO CONCRETE SLAB W/ HILTI KWIK BOLT III.

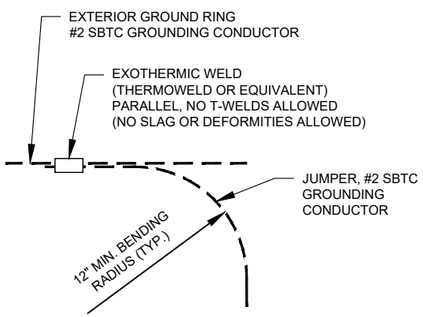
2 MAIN GROUND BAR DETAIL
SCALE: N.T.S.



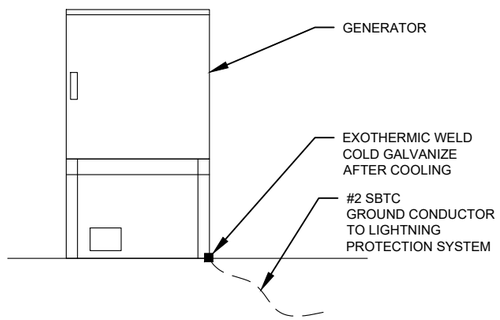
NOTES:

1. SEPARATION DIMENSION TO BE VERIFIED WITH LOCAL UTILITY COMPANY REQUIREMENTS.
2. COORDINATE UTILITY, LOCATE BEFORE DIGGING.
3. CONDUIT TRENCHING DEPTHS AT 36" OR 6" BELOW FROST LINE, WHICHEVER IS GREATER.
4. ALL RING AND RADIAL DEPTHS AT 30" OR 6" BELOW FROST LINE, WHICHEVER IS GREATER.

3 GROUND ROD DETAIL
SCALE: N.T.S.



4 TIE CONNECTION DETAIL
SCALE: N.T.S.



GENERATOR INSTALLATION NOTE:

INSTALL GENERATOR AND TRANSFER SWITCH WITH ALL SUPPLIED ACCESSORIES PER MANUFACTURER'S INSTALLATION INSTRUCTIONS AND SPECIFICATIONS. THIS INCLUDES, BUT IS NOT LIMITED TO, ACCESSORIES FOR THE EXHAUST SYSTEM, FUEL SYSTEM, ENCLOSURE INTEGRITY (CAPS, PLUGS, COVERS, ETC.), ELECTRICAL CONNECTIONS, AND GROUNDING CONNECTIONS.

5 GENERATOR GROUNDING
SCALE: N.T.S.

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A	PRELIM	SS	06/02/22
0	FINALS	BB	07/29/22

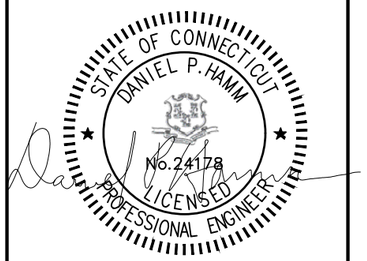
ATC SITE NUMBER:
411184

ATC SITE NAME:
SALEM CT SQA

T-MOBILE SITE NAME:
WEST RD EAST HADDAM ATC

SITE ADDRESS:
399 WEST ROAD
SALEM, CT 06420-3507

SEAL:



T-Mobile

DATE DRAWN:	06/02/22
ATC JOB NO:	14099773_G2
CUSTOMER ID:	WEST RD EAST HADDAM ATC
CUSTOMER #:	CTHA347B

GROUNDING DETAILS

SHEET NUMBER:	REVISION:
E-501	0

PANEL DESIGNATION:	TMO	TYPE:	LIGHTING & APPLIANCE	SYSTEM:	120/240V, 1Ø, 3W, 24 CKT	LOCATION:	TMO LEASE EQUIPMENT AREA
		MOUNTING:	SURFACE	MAIN BREAKER (MB):	200A		
		ENCLOSURE:	NEMA 3R	MAIN BUS RATING:	200A	PANEL NOTES:	PROPOSED
				MIN. A.I.C. RATING:	N/A		

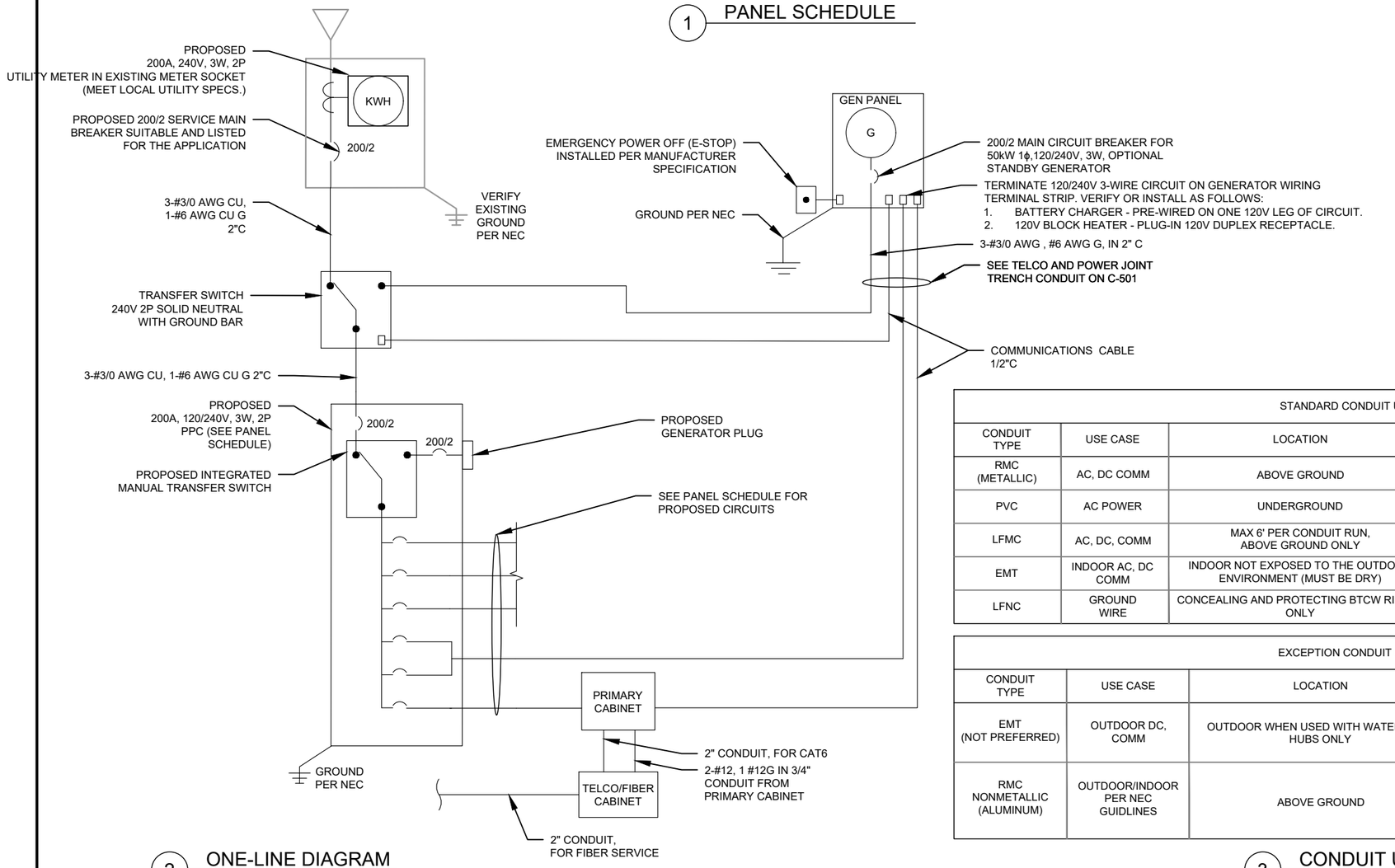
CONNECTED LOAD (kVA)		BRIEF DESCRIPTION	FEEDER OR BRANCH CIRCUIT								CONNECTED LOAD (kVA)		BRIEF DESCRIPTION	FEEDER OR BRANCH CIRCUIT							
			BREAKER	CIRCUIT				POLE	CIRC. NOTES		CIRC. NOTES	POLE	CIRCUIT			BREAKER					
A	B		AMPS	POLES	WIRE	GND	COND.	NO.				NO.	COND.	GND	WIRE	POLES	AMPS		A	B
0.01		SURGE	60	2	3-#6	#10	1"	1				2	1/2"	#12	2-#12	1	20	GFI	0.18	
	0.01							3				4	1/2"	#12	2-#12	1	20	LIGHT		0.50
7.50		ENCLOSURE 6160	150	2	2-#3/0	#6	2"	5				6	1/2"	#12	2-#12	1	20	AAV GFI	0.15	
	7.50							7				8	1/2"	#12	2-#12	1	20	GEN BLOCK HEATER		1.50
0.18		6160 GFI	20	1	2-#12	#12		9				10	1/2"	#12	2-#12	1	20	GEN BATTERY CHARGER	0.50	
	0.00							11				12								0.00
0.00								13				14							0.00	
	0.00							15				16								0.00
0.00								17				18							0.00	
	0.00							19				20								0.00
0.00								21				22							0.00	
	0.00							23				24								0.00
7.7	7.5																		0.8	2.0

	A	B	TOTAL	
CONNECTED LOAD (kVA)	8.5	9.5	18.0	
DEMAND LOAD (kVA)	8.5	9.5	18.0	

DERATING FACTOR (80%)
DEMANDLOAD SIZING: *94 AMPS*

1 PANEL SCHEDULE

NOTE:
1. ALL EQUIPMENTS' SHORT-CIRCUIT CURRENT RATING SHALL EXCEED AVAILABLE FAULT CURRENT PER UTILITY
2. CONTRACTOR TO INSTALL HANDHOLES AT EVERY 3RD 90° TURN



2 ONE-LINE DIAGRAM

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

3 CONDUIT USE TABLES

AMERICAN TOWER®

HUDSON Design Group LLC

45 BEECHWOOD DRIVE
N. ANDOVER, MA 01845

TEL: (978) 557-5553
FAX: (978) 336-5586

REV.	DESCRIPTION	BY	DATE
A	PRELIM	SS	06/02/22
0	FINALS	BB	07/29/22

ATC SITE NUMBER:
411184

ATC SITE NAME:
SALEM CT SQA

T-MOBILE SITE NAME:
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SITE ADDRESS:
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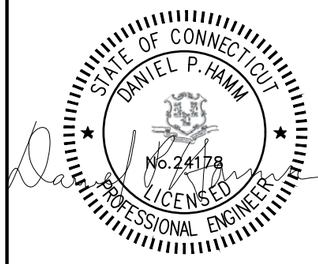
SALEM, CT 06420-3507

SEAL:



T-Mobile

DATE DRAWN:	06/02/22
ATC JOB NO:	14099773_G2
CUSTOMER ID:	WEST RD EAST HADDAM ATC
CUSTOMER #:	CTHA347B

PANEL SCHEDULE & ONE-LINE DIAGRAM

SHEET NUMBER:	REVISION:
E-601	0

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

CTHA347B_Coverage Strategy_1_draft

Print Name: Standard
PORs: Coverage Strategy_Regional Coverage

Section 1 - Site Information

Site ID: CTHA347B
Status: Draft
Version: 1
Project Type: Coverage Strategy
Approved: Not Approved
Approved By: Not Approved
Last Modified: 2/28/2022 5:2:01 PM
Last Modified By: Michael.Low1@T-Mobile.com

Site Name: West Rd East Haddam ATC
Site Class: Monopole
Site Type: Structure Non Building
Plan Year: 2022
Market: CONNECTICUT CT
Vendor: Ericsson
Landlord: Not Specified

Latitude: 41.48783600
Longitude: -72.31321400
Address: 399 West Rd.
City, State: East Haddam, CT
Region: NORTHEAST

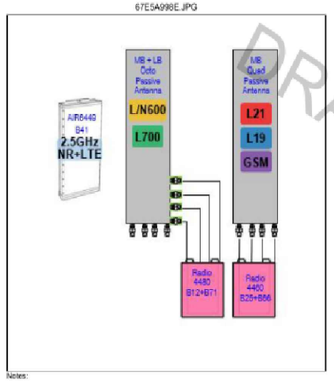
RAN Template: 67E5D998E 6160		AL Template: 67E5998E_1xAIR+1OP+1QP		
Sector Count: 3	Antenna Count: 9	Coax Line Count: 0	TMA Count: 0	RRU Count: 6

Section 2 - Existing Template Images

----- This section is intentionally blank. -----

Section 3 - Proposed Template Images

67E5A998E.JPG



Notes:

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

CTHA347B_Coverage Strategy_1_draft

Print Name: Standard
PORs: Coverage Strategy_Regional Coverage

Section 6 - A&L Equipment

Existing Template: Custom
Proposed Template: 67E5998E_1xAIR+1OP+1QP

Sector 1 (Proposed) view from behind

Coverage Type	A - Outdoor Macro							
Antenna	1		2				3	
Antenna Model	AIR 6419 B41 (Active Antenna - Massive MIMO)		RFS - APXVAALL24_43-U-NA20 (Octo)				Commscope_VV-65A-R1 (Quad)	
Azimuth	340		340				340	
M. Tilt	0		0				0	
Height	157		157				157	
Ports	P1	P2	P3	P4	P5	P6	P7	P8
Active Tech.	L2600 N2500	L2600 N2500	L700 L900 N600	L700 L600 N600			L2100 L1900 G1900	L2100 L1900 G1900
Dark Tech.								
Restricted Tech.								
Decomm. Tech.								
E. Tilt	4	4	4	4	4	4	4	4
Cables			Coax Jumper (x2)	Coax Jumper (x2)			Coax Jumper (x2)	Coax Jumper (x2)
TMAs								
Diplexers / Combiners								
Radio			Radio 4480 B71+B85 (At Antenna)	Radio 4480 B71+B85 (At Antenna)			Radio 4480 B25+B66 (At Antenna)	Radio 4480 B25+B66 (At Antenna)
Sector Equipment								

Unconnected Equipment:

Scope of Work:

*A dashed border indicates shared equipment. Any connected equipment is denoted with the SHARED keyword.

Section 4 - Siteplan Images

----- This section is intentionally blank. -----

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

CTHA347B_Coverage Strategy_1_draft

Print Name: Standard
PORs: Coverage Strategy_Regional Coverage

Section 5 - RAN Equipment

Existing RAN Equipment

----- This section is intentionally blank. -----

Proposed RAN Equipment

Template: 67E5D998E 6160

Enclosure	1	2	3
Enclosure Type	Enclosure 6160 AC V1	B160	RBS 6001
Baseband	RP 6651 L2500 N2500 / RP 6651 L700 L600 N600 L2100 L1900		DUG20 G1900
Hybrid Cable System	PSU 4813 vR9A (Kit) (x 2)		
Transport System	CSR (KRe V2 (GenZ)		
Functionality Groups	Ericsson Hybrid Trunk 6/24 4AWG *Select Length* (x 3)		

RAN Scope of Work:

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

CTHA347B_Coverage Strategy_1_draft

Print Name: Standard
PORs: Coverage Strategy_Regional Coverage

Sector 2 (Proposed) view from behind

Coverage Type	A - Outdoor Macro							
Antenna	1		2				3	
Antenna Model	AIR 6419 B41 (Active Antenna - Massive MIMO)		RFS - APXVAALL24_43-U-NA20 (Octo)				Commscope_VV-65A-R1 (Quad)	
Azimuth	180		180				180	
M. Tilt	0		0				0	
Height	157		157				157	
Ports	P1	P2	P3	P4	P5	P6	P7	P8
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	3	3	3	3	3	3	3	3
Cables			Coax Jumper (x2)	Coax Jumper (x2)			Coax Jumper (x2)	Coax Jumper (x2)
TMAs								
Diplexers / Combiners								
Radio			Radio 4480 B71+B85 (At Antenna)	Radio 4480 B71+B85 (At Antenna)			Radio 4480 B25+B66 (At Antenna)	Radio 4480 B25+B66 (At Antenna)
Sector Equipment								

Unconnected Equipment:

Scope of Work:

*A dashed border indicates shared equipment. Any connected equipment is denoted with the SHARED keyword.

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

SUPPLEMENTAL

SHEET NUMBER:	REVISION:
R-601	0

RAN Template: 67ESD998E 6160	A&L Template: 67E5998E_1xAIR+1OP+1QP

CTHA347B_Coverage Strategy_1_draft

Print Name: Standard
PORs: Coverage Strategy_Regional Coverage

Sector 3 (Proposed) view from behind								
Coverage Type	A - Outdoor Macro							
Antenna	1		2				3	
Antenna Model	AIR 6419 B41 (Active Antenna - Massive MIMO)		RFS - APXVAALL24_43-U-NA20 (Octo)				Commscope_VV-65A-R1 (Quad)	
Azimuth	230		230				230	
M. Tilt	0		0				0	
Height	157		157				157	
Ports	P1	P2	P3	P4	P5	P6	P7	P8
Active Tech.	L2500 N2500	L2500 N2500	L700 L800 N600	L700 L600 N600			L2100 L1900 G1900	L2100 L1900 G1900
Dark Tech.								
Restricted Tech.								
Decomm. Tech.								
E. Tilt	3	3	3	3	3	3	3	3
Cables			Coax Jumper (X2)	Coax Jumper (X2)			Coax Jumper (X2)	Coax Jumper (X2)
TMAs								
Diplexers / Combiners								
Radio			Radio 4480 B71+B85 (At Antenna)	SHARED Radio 4480 B71+B85 (At Antenna)			Radio 4480 B25+B66 (At Antenna)	SHARED Radio 4480 B25+B66 (At Antenna)
Sector Equipment								

Unconnected Equipment:

Scope of Work:

*A dashed border indicates shared equipment. Any connected equipment is denoted with the SHARED keyword.

2/28/22, 6:14 PM CTHA347B_Coverage Strategy_1_draft_2022-02-28

RAN Template: 67ESD998E 6160	A&L Template: 67E5998E_1xAIR+1OP+1QP

CTHA347B_Coverage Strategy_1_draft

Print Name: Standard
PORs: Coverage Strategy_Regional 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

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

SUPPLEMENTAL

SHEET NUMBER:	REVISION:
R-602	0

NSB 190FT *Red Battery*®

Long float life at elevated temperatures

Red Star Technology® uses pure lead plates to deliver **exceptionally long float life even at elevated temperatures.**

- Pure lead AGM technology delivers long float life for telecom applications even at elevated temperatures
- 15 year float life at 20°C (68°F)
- EUROBAT design life definition: Long Life (12+ years)
- High energy density
- Operating temperature range: -40°C to +65°C (-40°F to 149°F)
- State-of-the-art automated manufacturing ensures consistency and reliability
- Advanced 3 stage terminal design to ensure leak-free operation - female M8 brass terminals provide maximum performance
- 2 year shelf life at 25°C (77°F)
- High modulus Polyphenylene Oxide (PPO) plastic materials designed to withstand extended elevated operating temperatures and maintain high battery compression essential for reliable operation
  - Non-halogenated, thermally sealed plastic casing
  - Flame retardant (UL 94 V0) and LOI of at least 28%
- Integral handles and front access terminals ensure ease of installation and maintenance
- Approved as non-hazardous cargo for ground, sea, and air transport - DOT 49CFR173.159(d), (i) and (ii)

Visit our website to find out more **www.northstarbattery.com**

NorthStar

Form: SES-546-08-02 Issued: 11-11-13 ECO: 2383-513

NSB 190FT *Red Battery*®

Nominal Technical Specifications

Electrical

	International Standard 20°C (68°F)	North American Standard 25°C (77°F)
8 hour capacity to 1.75 VPC	188 Ah	191 Ah
10 hour capacity to 1.80 VPC	190 Ah	192 Ah
Float Voltage	2.29 +/- 0.02 VPC	2.27 +/- 0.02 VPC
Nominal Voltage	12 V	
Impedance (1kHz)	2.2 mΩ @ 25°C (77°F)	
Conductance	2,400 S	
Short Circuit Current	6,000 A	

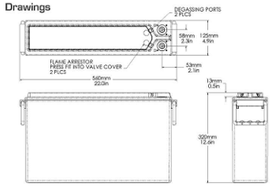
Dimensions

Height	320 mm (12.6 in)	Weight	60 kg (132 lbs)
Width	125 mm (4.9 in)	Terminal	Female M8 x 1.25
Depth	560 mm (22.0 in)	Terminal Torque	8.0 Nm (71 in-lbs)

Ah Capacity Ratings @25°C (77°F)

Capacity Discharge / hours	1	2	4	8	10
Capacity @ 25°C / Ah	150	167	181	191	192
End of Discharge / VPC	1.70	1.75	1.75	1.75	1.80

Drawings



All NorthStar batteries are compliant with: Telcordia SR4228, IEC 60896; Bellcore GR-63-Core, Issue 1, British, German, and Russian telecom standards; UL approved. NorthStar is registered to ISO 9001 and ISO 14001.

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europe@northstarbattery.com
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Jumeirah Lake Towers, Dubai
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mea@northstarbattery.com
Tel: +971 4 423 6060
Fax: +971 4 423 6061

NorthStar Asia-Pacific
NS Asia Pacific Sdn. Bhd.
Level 20, Menara Standard Chartered
30 Jalan Sultan Ismail, 50250
Kuala Lumpur, Malaysia
asia@northstarsitetel.com
Tel: +60 3 2117 5354

www.northstarbattery.com

NorthStar

Form: SES-546-08-02 Issued: 11-11-13 ECO: 2383-513

BATTERY SCHEDULE					
MODEL	CURRENT CAPACITY	NOMINAL VOLTAGE	WEIGHT (LBS)	QUANTITY	**ELECTROLYTE (H2SO4/H2O)**
NORTHSTAR NSB 190FT	190A	12V	132	12	**269.28**

NorthStar

Industrial Lead Acid Battery Safety Data Sheet

3. *COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENTS (Chemical/Common Names):	CAS No.:	% by Wt:
Lead and Lead Compounds (inorganic)	7439-92-1	**50**
Electrolyte (H2SO4/H2O)	7664-93-9	**17**
Lead Oxide	1309-60-0	**20**
Tin	7440-31-5	**0.2**

4. FIRST AID MEASURES

INHALATION:
Sulfuric Acid: Remove to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Consult a physician.
Lead: Remove from exposure, gargle, wash nose and lips; consult physician.

INGESTION:
Sulfuric Acid: Give large quantities of water; Do NOT induce vomiting or aspiration into the lungs may occur and can cause permanent injury or death. Consult a physician.
Lead: Consult a physician immediately.

SKIN:
Sulfuric Acid: Flush with large amounts of water for at least 15 minutes; remove contaminated clothing completely, including shoes. If symptoms persist, seek medical attention. Wash contaminated clothing before reuse. Discard contaminated shoes.
Lead: Wash immediately with soap and water.

EYES:
Sulfuric Acid and Lead: Flush immediately with large amounts of water for at least 15 minutes while lifting lids; Seek immediate medical attention if eyes have been exposed directly to acid.

5. FIRE FIGHTING MEASURES

Flash Point: Not Applicable
Flammable Limits: LEL = 4.1% (Hydrogen Gas in air); UEL = 74.2%
Extinguishing media: CO2; foam; dry chemical. Do not use carbon dioxide directly on cells. Avoid breathing vapors. Use appropriate media for surrounding fire.

Fire Fighting Procedures:
Use positive pressure, self-contained breathing apparatus. Beware of acid splatter during water application and wear acid-resistant clothing, gloves, face and eye protection. If batteries are on charge, shut off power to the charging equipment, but note that strings of series connected batteries may still pose risk of electric shock even when charging equipment is shut down.

NorthStar

Industrial Lead Acid Battery Safety Data Sheet

1. IDENTIFICATION

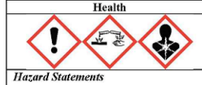
REVISION DATE: 01-31-18

Product Name: Lead Acid Battery, Non-Spillable Wet **Synonyms:** Industrial Battery, Traction Battery, Stationary Battery, Deep Cycle Battery	**Product Use:** Electric Storage Battery **Manufacturer/Supplier:** NorthStar Battery, Co., LLC **Address:** 4000 E. Continental Way, Springfield, MO 65803
General Information Number: 417.575.8200	**CAS Number:** Not Applicable CHEMTREC: 800-424-9300

2. GHS HAZARDS IDENTIFICATION

Health	Environmental	Physical
Acute Toxicity (Oral/Dermal/Inhalation) - Category 4 Skin Corrosion/Irritation - Category 1A Eye Damage - Category 1 Reproductive - Category 1A Carcinogenicity (lead) - Category 1B Carcinogenicity (arsenic) - Category 1A Carcinogenicity (acid mist) - Category 1A Specific Target Organ Toxicity (repeated exposure) - Category 2	Aquatic Chronic - 1 Aquatic Acute - 1	Explosive Chemical, Division 1.3

GHS Label:

Health	Environmental	Physical
		
Hazard Statements **DANGER!** Causes severe skin burns and eye damage. Causes serious eye damage. May damage fertility or the unborn child if ingested or inhaled. May cause cancer if ingested or inhaled. Causes damage to central nervous system, blood and kidneys through prolonged or repeated exposure. May form explosive air/gas mixture during charging. Extremely flammable gas (hydrogen). Explosive, fire, blast or projection hazard.	***Precautionary Statements*** Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Wear protective gloves/protective clothing, eye protection/face protection. Avoid breathing dust/fume/gas/mist/vapors/spray. Use only outdoors or in a well-ventilated area. Causes skin irritation, serious eye damage. Contact with internal components may cause irritation or severe burns. Avoid contact with internal acid. Irritating to eyes, respiratory system, and skin.	

1 BATTERY SPECIFICATIONS

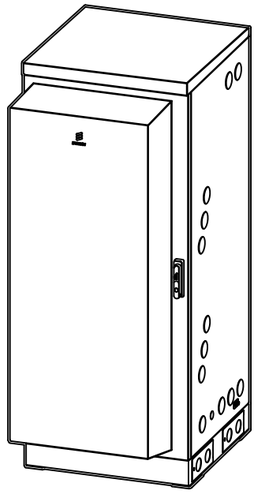
NOTE: THIS SHEET CREATED BY OTHERS AND PROVIDED BY REQUEST OF CUSTOMER WITHOUT EDIT.

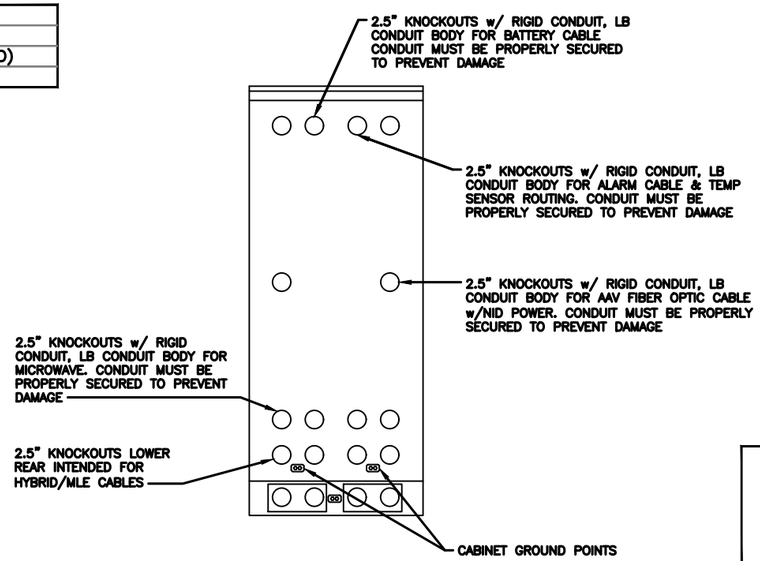
SUPPLEMENTAL

SHEET NUMBER: R-603

REVISION: 0

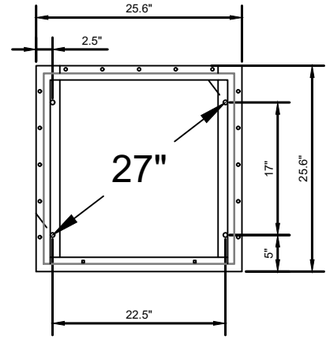
MANUFACTURER:	ERICSSON
MODEL:	6160 SITE SUPPORT CABINET
DIMENSIONS:	63" x 25.6" x 33.6" (H x W x D)
WEIGHT:	373 LBS





REAR VIEW

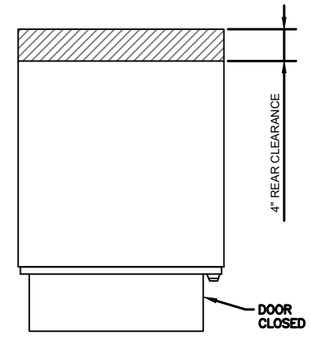
NOTE:
- CORRECT KNOCKOUT TOOL REQUIRED FOR PUNCHING KNOCKOUTS. DO NOT DRILL THROUGH KNOCKOUTS
- CONDUIT MUST BE PROPERLY SECURED TO PREVENT DAMAGE TO CABINETS AND OR CABLING

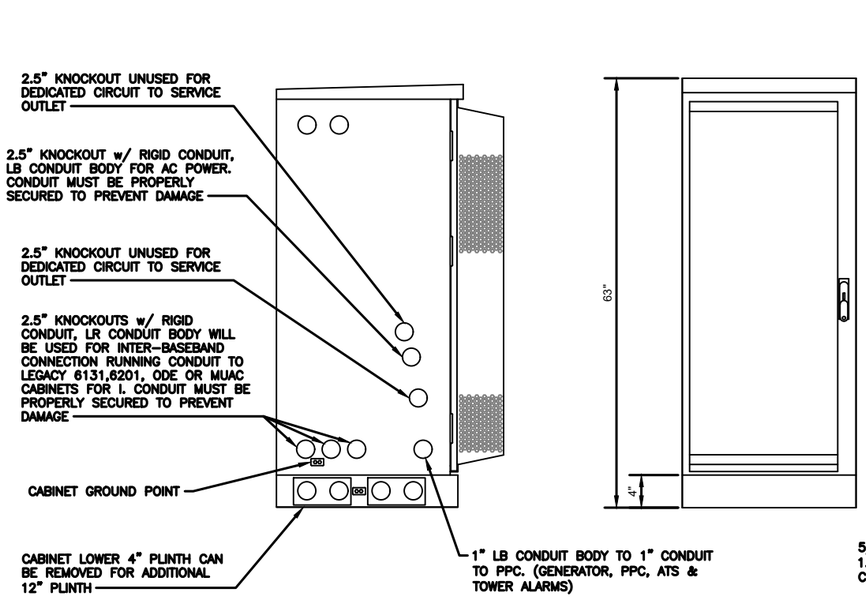


BOLT DOWN PATTERN

GROUNDING NOTE:

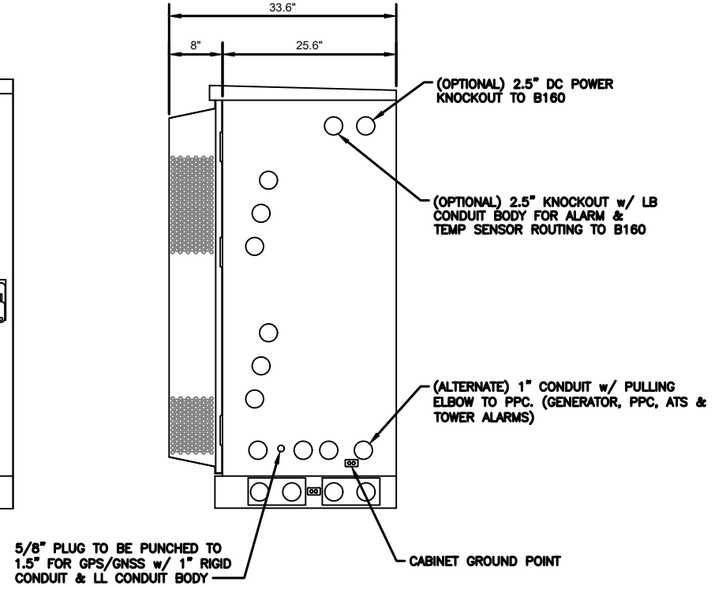
"CABINET GROUNDING TO USE A SINGLE, #2 BTCW CONDUCTOR, W/ 2-HOLE, 1" C-C, LONG BARREL, WINDOW LUG, IN 3/4" LFNC TO GROUND RING. PLINTH GROUNDING IS NOT REQUIRED."



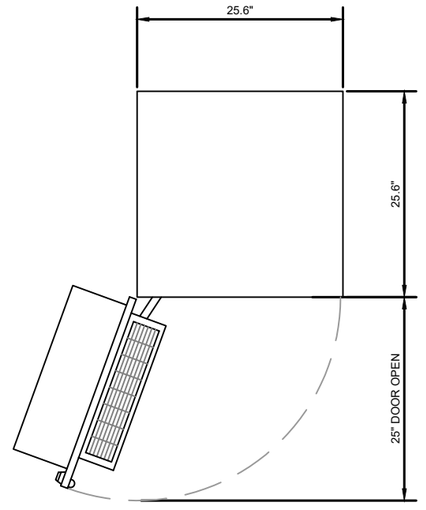


LEFT VIEW

FRONT VIEW



RIGHT VIEW



PLAN VIEW

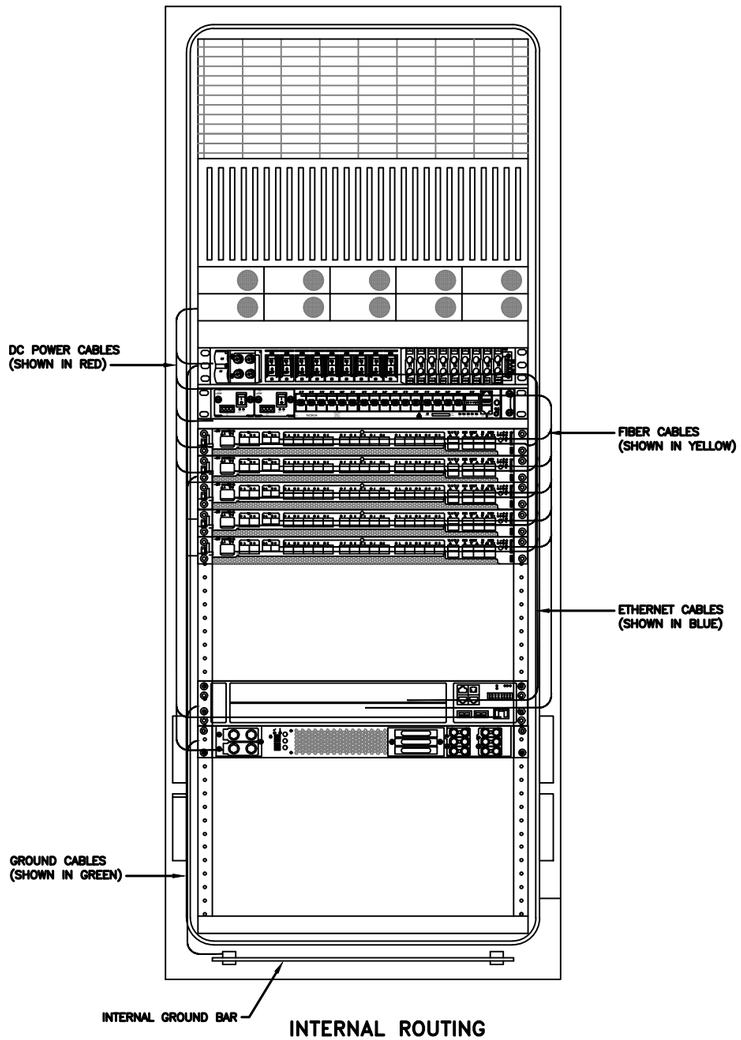
1 ERICSSON 6160 SITE SUPPORT CABINET SPECIFICATIONS

SCALE: N.T.S.

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

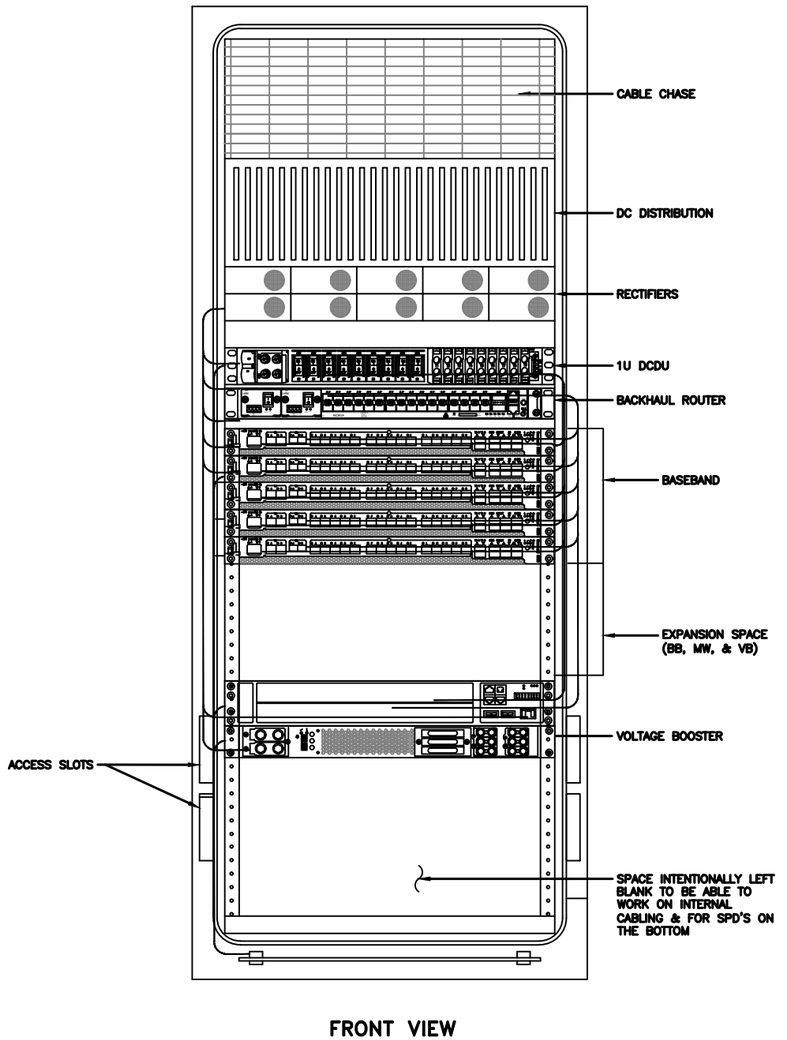
SUPPLEMENTAL

SHEET NUMBER:	REVISION:
R-604	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.

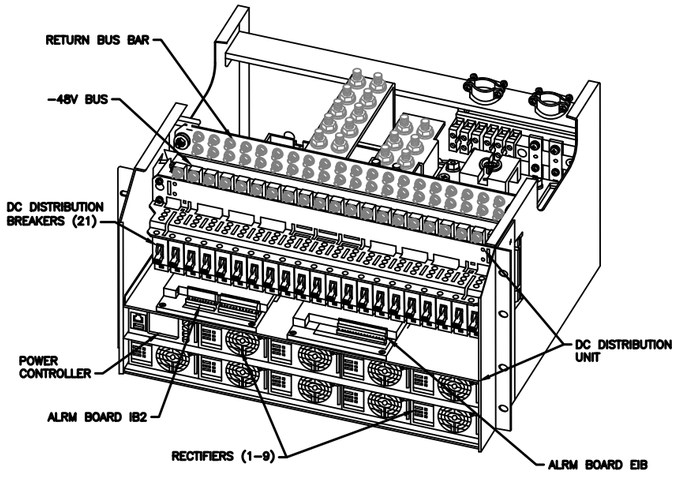
NOTE: THIS SHEET WAS CREATED BY OTHERS AND PROVIDED AT THE REQUEST OF THE CUSTOMER WITHOUT EDIT.

SUPPLEMENTAL

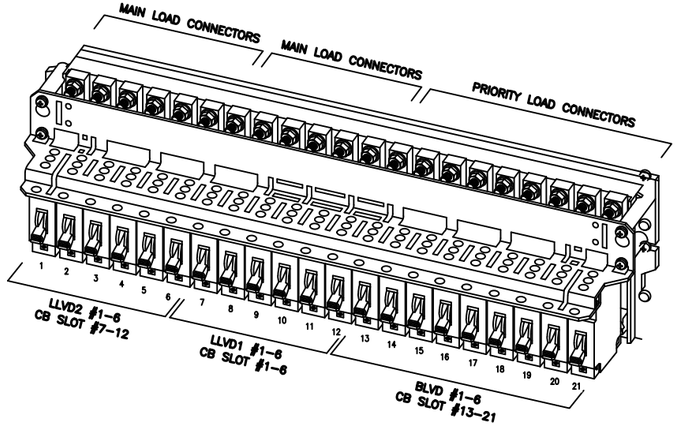
SHEET NUMBER:	REVISION:
R-605	0

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.

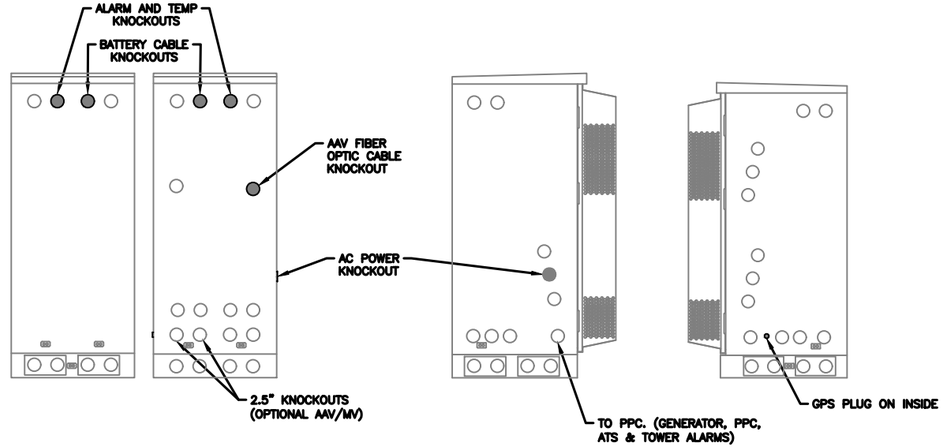
NOTE: THIS SHEET WAS CREATED BY OTHERS AND PROVIDED AT THE REQUEST OF THE CUSTOMER WITHOUT EDIT.

SUPPLEMENTAL

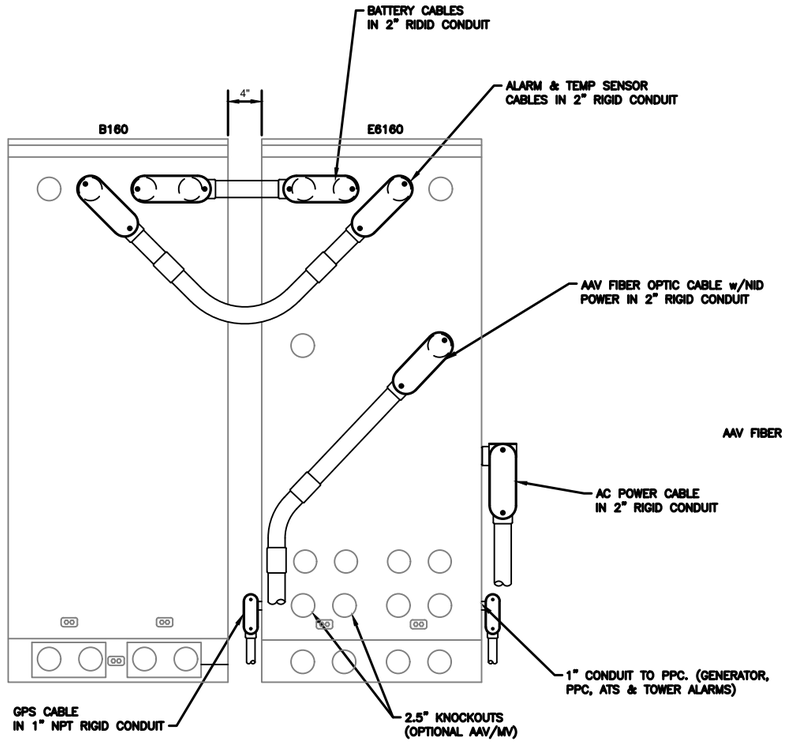
SHEET NUMBER:	REVISION:
R-606	0

NOTE:

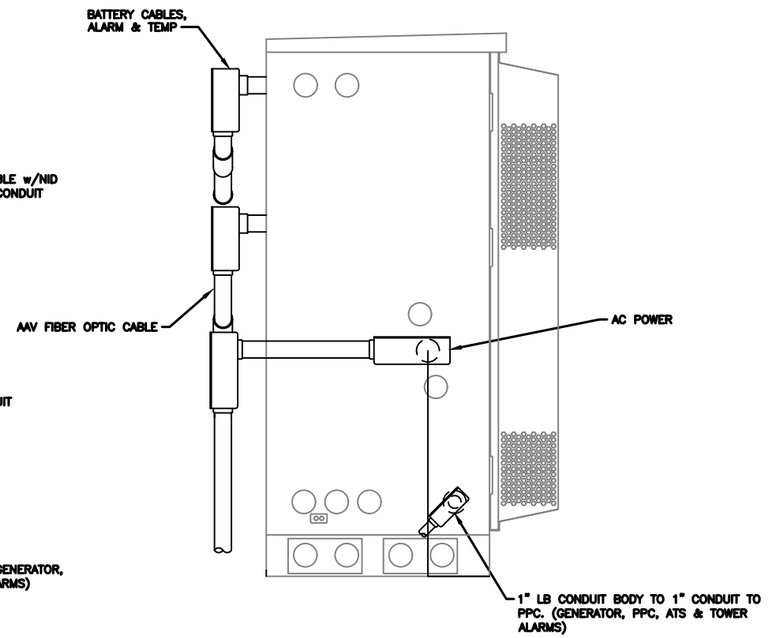
1. ALL CONDUIT AND FITTING ENTRANCES INTO CABINETS AND ENCLOSURES MUST UTILIZE MYERS OR EQUIVALENT HUBS OR SEALING WASHERS TO PREVENT WATER ENTRY/SEEPAGE INTO CABINETS AND ENCLOSURES.
2. (LIQUIDFLEX) FLEXIBLE METALLIC CONDUIT (LFMC) & ASSOCIATED FITTINGS CAN BE USED AS NEEDED BUT ONLY FOR TIGHT CONDUIT 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

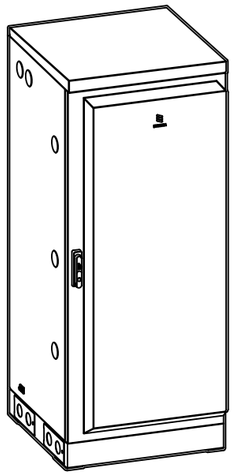
SCALE: N.T.S.

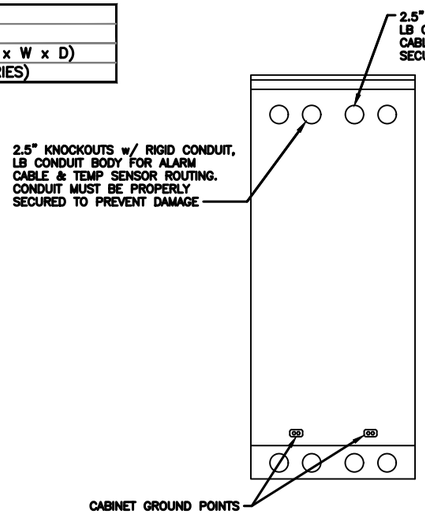
NOTE: THIS SHEET WAS CREATED BY OTHERS AND PROVIDED AT THE REQUEST OF THE CUSTOMER WITHOUT EDIT.

SUPPLEMENTAL

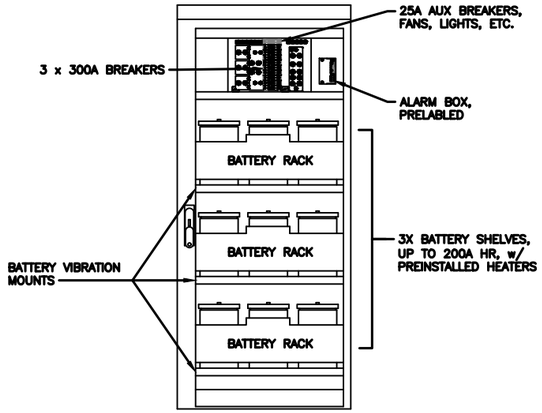
SHEET NUMBER:	REVISION:
R-607	0

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



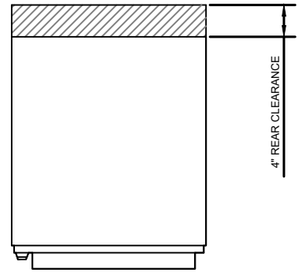


REAR VIEW



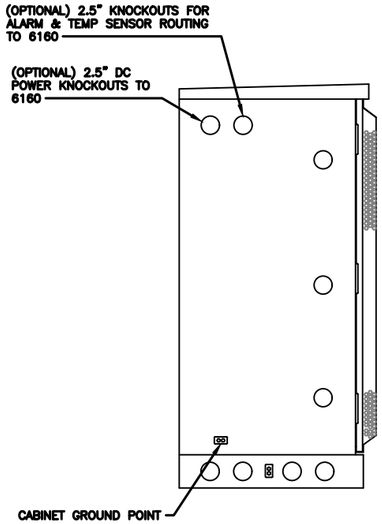
FRONT VIEW
(DOOR OPEN)

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

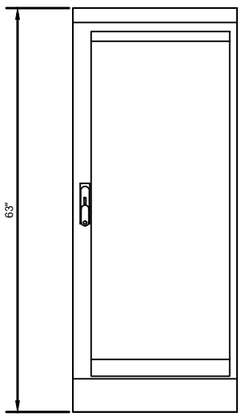


GROUNDING NOTE:

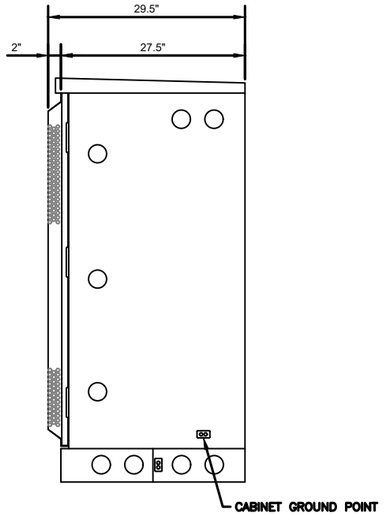
"CABINET GROUNDING TO USE A SINGLE, #2 BTCW CONDUCTOR, W/ 2-HOLE, 1" C-C, LONG BARREL, WINDOW LUG, IN 3/4" LFNC TO GROUND RING. PLINTH GROUNDING IS NOT REQUIRED."



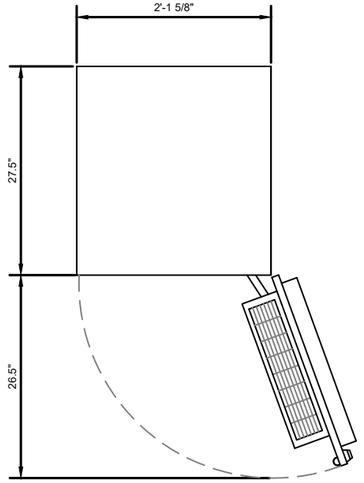
LEFT VIEW



FRONT VIEW



RIGHT VIEW



PLAN VIEW

B160 ERICSSON SITE SUPPORT BATTERY CABINET

1 ERICSSON B160 BATTERY CABINET SPECIFICATIONS

SCALE: N.T.S.

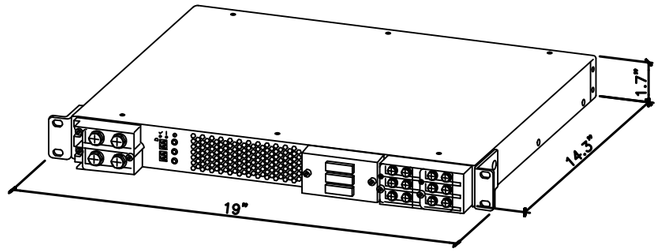
NOTE: THIS SHEET WAS CREATED BY OTHERS AND PROVIDED AT THE REQUEST OF THE CUSTOMER WITHOUT EDIT.

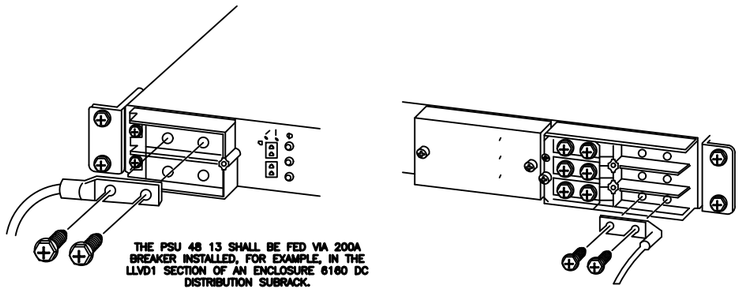
SUPPLEMENTAL

SHEET NUMBER:	REVISION:
R-608	0

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

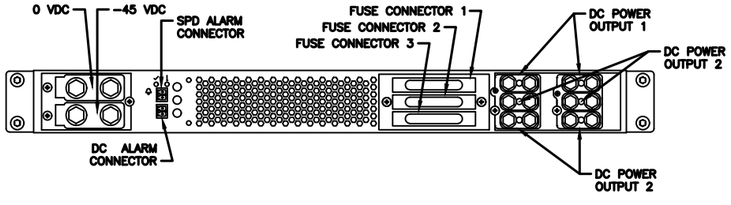
NEEDED INSTALL KIT (PICK 1)
34133 PSU4813 INSTALL KIT FOR RBS61XX
34134 PSU4813 INSTALL KIT FOR PBC6200
34135 PSU4813 INSTALL KIT FOR 6X60/RBS6230





THE PSU 48 13 SHALL BE FED VIA 200A BREAKER INSTALLED, FOR EXAMPLE, IN THE LLVD1 SECTION OF AN ENCLOSURE 6160 DC DISTRIBUTION SUBRACK.

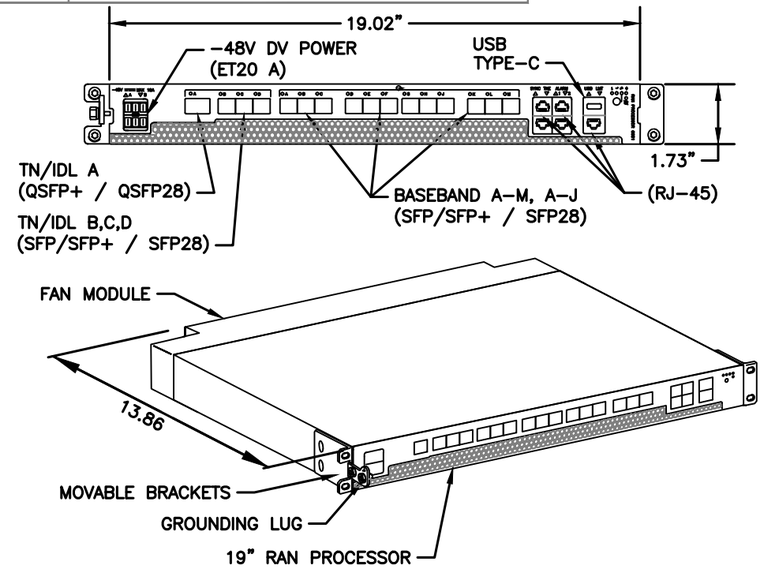
CONNECT –58 VDC DISTRIBUTION CABLE TO TERMINAL AT THE RIGHT, WHICH WILL BE FED TO RRU/AIR AT THE OTHER END.



1 SKU# 34132 - PSU 48 13

SCALE: N.T.S.

MANUFACTURER:	ERICSSON
MODEL:	6651 RAN PROCESSOR (KDU1370093/11)
DIMENSIONS:	1.73" X 19.02" X 13.86" (H" X W" X D")
WEIGHT:	16.98 LBS



2 34553 - ERICSSON 6651 RAN PROCESSOR

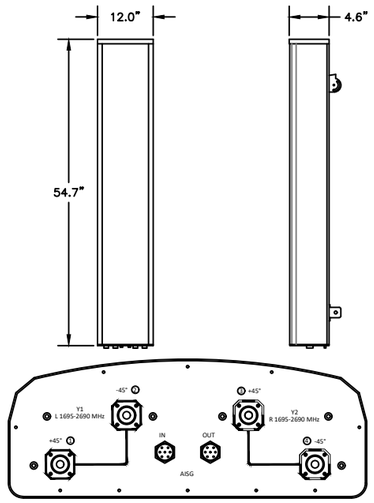
SCALE: N.T.S.

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

SUPPLEMENTAL

SHEET NUMBER:	REVISION:
R-609	0

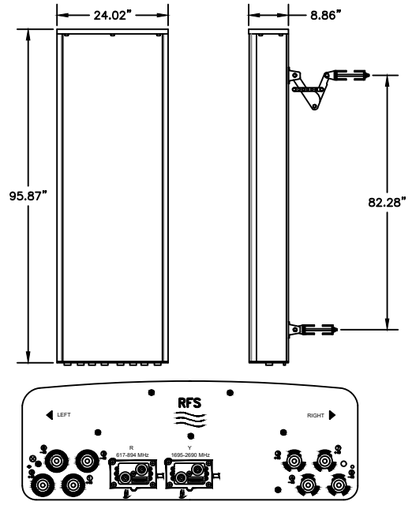
MANUFACTURER:	COMMSCOPE
MODEL:	VV-65A-R1
DIMENSIONS:	54.7" x 12.1" x 4.6" (H x W x D)
WEIGHT:	24.7 LB
INTERFACE:	4-PORT 4.3-10 FEMALE
MOUNTING KIT:	600899A-2 (INCLUDED) WEIGHT: 8.6 LB



1 34401 - COMMSCOPE VV-65A-R1

SCALE: N.T.S.

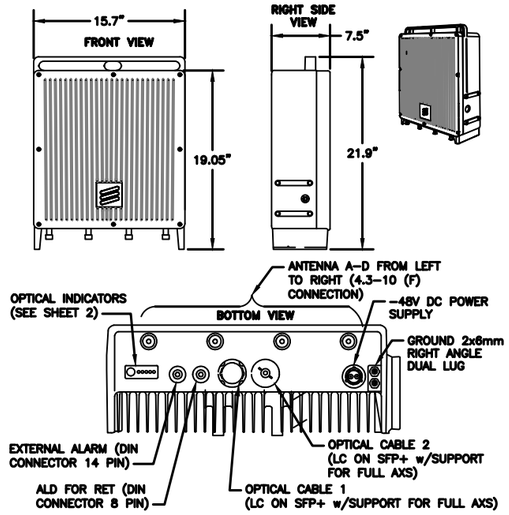
MANUFACTURER:	RFS
MODEL:	APXVAALL24_43-U-NA20
DIMENSIONS:	95.87" x 24.02" x 8.86"
WEIGHT:	119 LB
BAND:	QUAD BAND (8 PORT)
MOUNTING KIT & WEIGHT:	APM40-10E BEAM TILT KIT (INCLUDED) (16.53 LBS)



2 34087 - RFS APXVAALL24_43-U-NA20

SCALE: N.T.S.

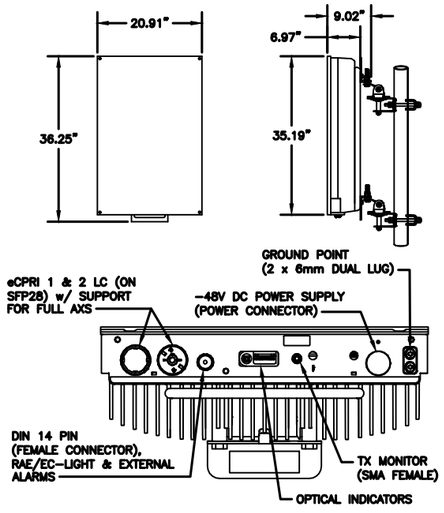
MANUFACTURER:	ERICSSON
MODEL:	4480 RADIO (KRC 161 922/1)
DIMENSIONS:	21.9" x 15.7" x 7.5" (H x W x D)
MODEL BAND:	B71, B85 FOR NR AND LTE
WEIGHT:	81 LBS
BRACKET WEIGHT:	3.75 LBS (MULTI ERS #109 1973/2)



4 34372 - ERICSSON 4480 RADIO

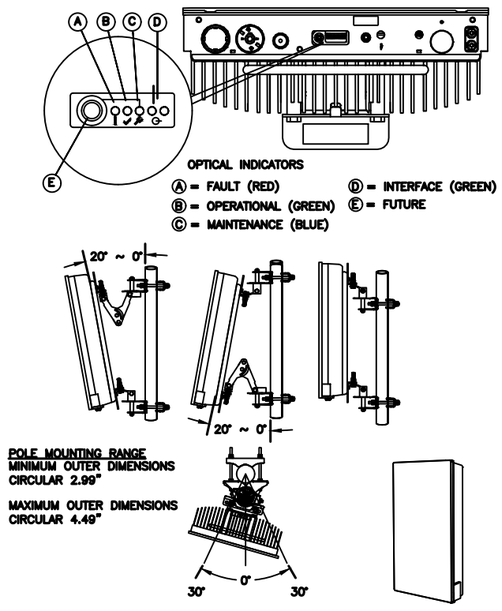
SCALE: N.T.S.

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)

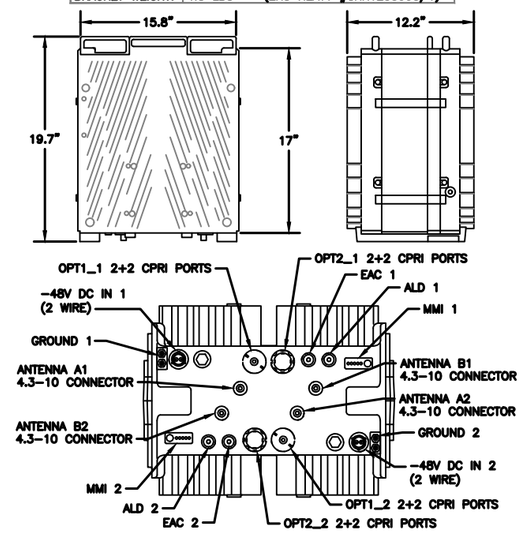


3 34552 - ERICSSON AIR 6419 BAND 41

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)



5 34373 - ERICSSON 4460 RADIO B2/25 B66

SCALE: N.T.S.

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

SUPPLEMENTAL

SHEET NUMBER:	REVISION:
R-610	0

AMERICAN TOWER®
CORPORATION

This report was prepared for American Tower Corporation by

ENGINEERED
TOWER SOLUTIONS

Antenna Mount Analysis Report

ATC Site Name	:	**SALEM CT SQA**
ATC Site Number	:	**411184**
Engineering Number	:	**14099773_C8_02**
ETS, PLLC Job Number	:	**22107101.STR.5861**
Mount Elevation	:	**157 ft**
Carrier	:	**T-MOBILE**
Carrier Site Name	:	**West Rd East Haddam ATC**
Carrier Site Number	:	**CTHA347B**
Site Location	:	**399 West Road** **Salem, CT 06420** **41.48781892, -72.31321833**
County	:	**New London**
Date	:	**May 16, 2022**
Max Usage	:	**77%**
Result	:	**Pass**

Prepared By:

Andre Trevizan
Structural Engineer I

Reviewed By:

Frederic Bost, PE
Chief Technical Officer

STATE OF CONNECTICUT
FREDERIC BOST
PEN 0029979
LICENSED
PROFESSIONAL ENGINEER

1 MOUNT ANALYSIS

ENGINEERED
TOWER SOLUTIONS

Eng. Number 14099773_C8_02
May 16, 2022

Introduction

The purpose of this report is to summarize results of the antenna mount analysis performed for T-Mobile at 157 ft.

Supporting Documents

RFDS	RFDS dated February 28, 2022
Spec Sheet	Perfect Vision Document #RP-ENG-01-R6, dated August 11, 2021

Analysis

This antenna mount was analyzed using RISA-3D v17.0.4 analysis software.

Basic Wind Speed:	123 mph (3-Second Gust)
Basic Wind Speed w/ Ice:	50 mph (3-second gust) w/ 1.00" radial ice concurrent
Codes:	ANSI/TIA-222-H
Structure Class:	II
Exposure Category:	B
Topographic Factor Procedure:	Method 2
Feature:	Flat
Crest Height (H):	0 ft
Crest Length (L):	0 ft
Spectral Response:	$S_S = 0.207$, $S_1 = 0.055$
Site Class:	D - Default
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. The mount can support the equipment as described in this report. Analysis is based on Perfect Vision PV-RP14 Mount.

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

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-611	0

RD048 | 3.4L | 48kW

INDUSTRIAL DIESEL GENERATOR SET

EPA Certified Stationary Emergency

GENERAC | INDUSTRIAL POWER

Model Number
48kW: G0071940

Standby Power Rating
48 kW, 60 Hz

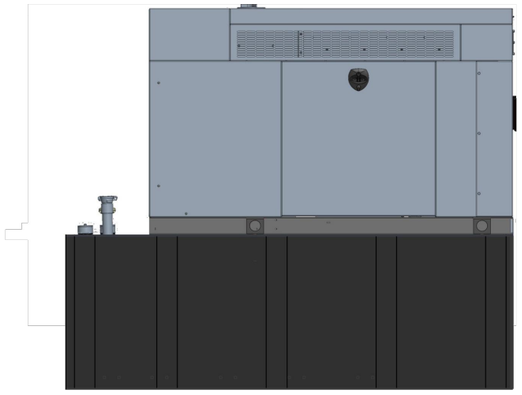


Image used for illustration purposes only

CODES AND STANDARDS

Not all codes and standards apply to all configurations.
Contact factory for details.

- UL2200, UL508, UL489, UL142
- CSA C22.2
- BS5514 and DIN 6271
- SAE J1349
- NFPA 37, 70, 99
- ISO 3046, 8528, 9001
- NEMA ICS1, ICS10, MG1, 250, ICS6, AB1
- ANSI/IEEE C62.41

POWERING AHEAD

For over 50 years, Generac has led the industry with innovative design and superior manufacturing. Generac ensures superior quality by designing and manufacturing most of its generator components, including alternators, enclosures and base tanks, control systems and communications software.

Generac's gensets utilize a wide variety of options, configurations and arrangements, allowing us to meet the standby power needs of practically every application. Generac searched globally to ensure the most reliable engines power our generators. We choose only engines that have already been proven in heavy-duty industrial application under adverse conditions.

Generac is committed to ensuring our customers' service support continues after their generator purchase.

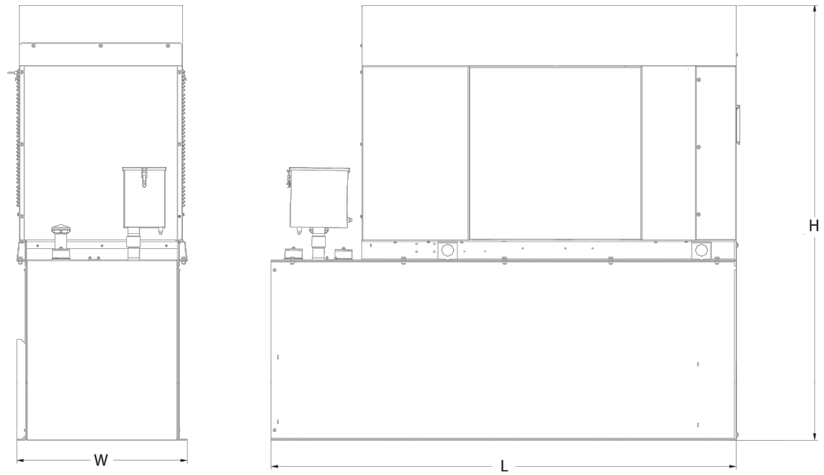
SPEC SHEET
1 OF 6

RD048 | 3.4L | 48kW

INDUSTRIAL DIESEL GENERATOR SET

EPA Certified Stationary Emergency

DIMENSIONS AND WEIGHTS*



Weights and Dimensions

Unit Weight - lbs	Unit Weight with Skid - lbs	Dimensions (L x W x H) - in
2,915	2,954	103.4 (2,625) x 35.0 (888) x 90.0 (2,286)

48kW Fuel Consumption	
Fuel Tank Gross Total Capacity	240
Fuel Tank Gross Usable Capacity	229
Fuel Tank Net Usable Capacity (Run Hours Based on Net Usable Capacity)	206
Run Hours 100% Load	52
Run Hours 75% Load	67
Run Hours 50% Load	96

Sound Emission Data	
Rated Load Sound Output at 23ft - dB(A)	65

* All measurements are approximate and for estimation purposes only.

YOUR FACTORY RECOGNIZED GENERAC INDUSTRIAL DEALER

SPEC SHEET
5 OF 6

Specification characteristics may change without notice. Dimensions and weights are for preliminary purposes only. Please consult a Generac Power Systems Industrial Dealer for detailed installation drawings.

Generac Power Systems, Inc. | P.O.Box 8 | Waukesha, WI 53189
P: (262) 544-4811

Part No 1000032700
Rev. 3 08/30/18

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

SUPPLEMENTAL

SHEET NUMBER: R-612

REVISION: 0

Exhibit D

AMERICAN TOWER®
CORPORATION

This report was prepared for American Tower Corporation by

DELTA OAKS GROUP

Structural Analysis Report

Structure	:	**178 ft Monopole**
ATC Site Name	:	**SALEM CT SQA,CT**
ATC Site Number	:	**411184**
Engineering Number	:	**14099773_C3_03**
Proposed Carrier	:	**T-MOBILE**
Carrier Site Name	:	**West Rd East Haddam ATC**
Carrier Site Number	:	**CTHA347B**
Site Location	:	**399 West Road** **SALEM, CT 06420-3507** **41.4878, -72.3132**
County	:	**New London**
Date	:	**May 19, 2022**
Max Usage	:	**66%**
Result	:	**Pass**

Prepared By:

Yamini Rajakumar
Delta Oaks Group

Yamini Rajakumar

Reviewed By:

Michael L. Lassiter
2022.05.19 15:09:57 -04'00'

STATE OF CONNECTICUT
MICHAEL L. LASSITER
No. 25064
LICENSED PROFESSIONAL ENGINEER

Table of Contents

Introduction

The purpose of this report is to summarize results of a structural analysis performed on the 178 ft Monopole to reflect the change in loading by T-MOBILE.

Supporting Documents

Tower Drawings	EEI Project #11200, dated October 9, 2002
Foundation Drawing	EEI Project #11200, dated November 14, 2002
Geotechnical Report	Clarence Welti Associates, dated November 1, 2002

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:	123 mph (3-second gust)
Basic Wind Speed w/ Ice:	50 mph (3-second gust) w/ 1.00" radial ice concurrent
Code:	ANSI/TIA-222-H / 2015 IBC / 2018 Connecticut State Building Code
Exposure Category:	B
Risk Category:	II
Topographic Factor Procedure:	Method 1
Topographic Category:	1
Spectral Response:	Ss = 0.21, S_1 = 0.06
Site Class:	D - Stiff Soil - Default

Conclusion

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

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

Existing and Reserved Equipment

Elev.[1] (ft)	Qty	Equipment	Mount Type	Lines	Carrier
182.9	2	Raycap RxxDC-3315-PF-48	Triangular Low Profile Platform	(12) 1 5/8" Coax (2) 1 5/8" Hybriflex	VERIZON WIRELESS
181.8	3	Alcatel-Lucent B66A RRH4x45-4R w/ Solar Shield			
181.7	6	Generic 56" x 12" Panel			
181.6	3	Alcatel-Lucent B25 RRH4x30-4R			
181.0	3	Samsung MT6407-77A			
180.1	6	Generic 70" x 8" Panel			
180.0	3	Generic 76" x 8" Panel			
	6	Andrew SBNHH-1D65A			
	1	VZW Unused Reserve (6561.54 sqin)			
	2	Raycap RRFDC-3315-PF-48			
	3	Samsung RF4439d-25A			
	3	Samsung RF4440d-13A			
	6	Andrew DB846H80E-SX			
178.0	3	Samsung RT4401-48A			
	3	Samsung Outdoor CBRS 20W RRH –Clip-on Antenna			
167.0	1	Commscope RDIDC-9181-PF-48	Triangular Platform with Handrails	(1) 1.60" (40.6mm) Hybrid	DISH WIRELESS L.L.C.
	3	Fujitsu TA08025-B605			
	3	Fujitsu TA08025-B604			
	3	JMA Wireless MX08FRO665-21			

Equipment to be Removed

Elev.[1] (ft)	Qty	Equipment	Mount Type	Lines	Carrier
No loading was considered as removed as part of this analysis.					

Proposed Equipment

Elev.[1] (ft)	Qty	Equipment	Mount Type	Lines	Carrier
157.0	3	Ericsson 4460 BAND 2/25	Circular Platform with Handrails	(3) 1.99" (50.7mm) Hybrid (1) 1/2" Coax	T-MOBILE
	3	Ericsson 4480 BAND 71			
	1	RFS SC2-W100BD			
	3	Commscope VV-65A-R1B			
	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	54%	Pass
Shaft	66%	Pass
Base Plate	39%	Pass

Foundations

Reaction Component	Analysis Reactions	% of Usage
Moment (Kips-Ft)	4115.7	60%
Axial (Kips)	58.7	21%
Shear (Kips)	30.4	24%

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

Deflection and Sway*

Antenna Elevation (ft)	Antenna	Carrier	Deflection (ft)	Sway (Rotation) (°)
157.0	Ericsson 4460 BAND 2/25	T-MOBILE	1.751	1.430
	Ericsson 4480 BAND 71			
	RFS APXVAALL24 43-U-NA20			
	Commscope VV-65A-R1B			
	Ericsson AIR 6419 B41			
	RFS SC2-W100BD			

***Deflection 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.

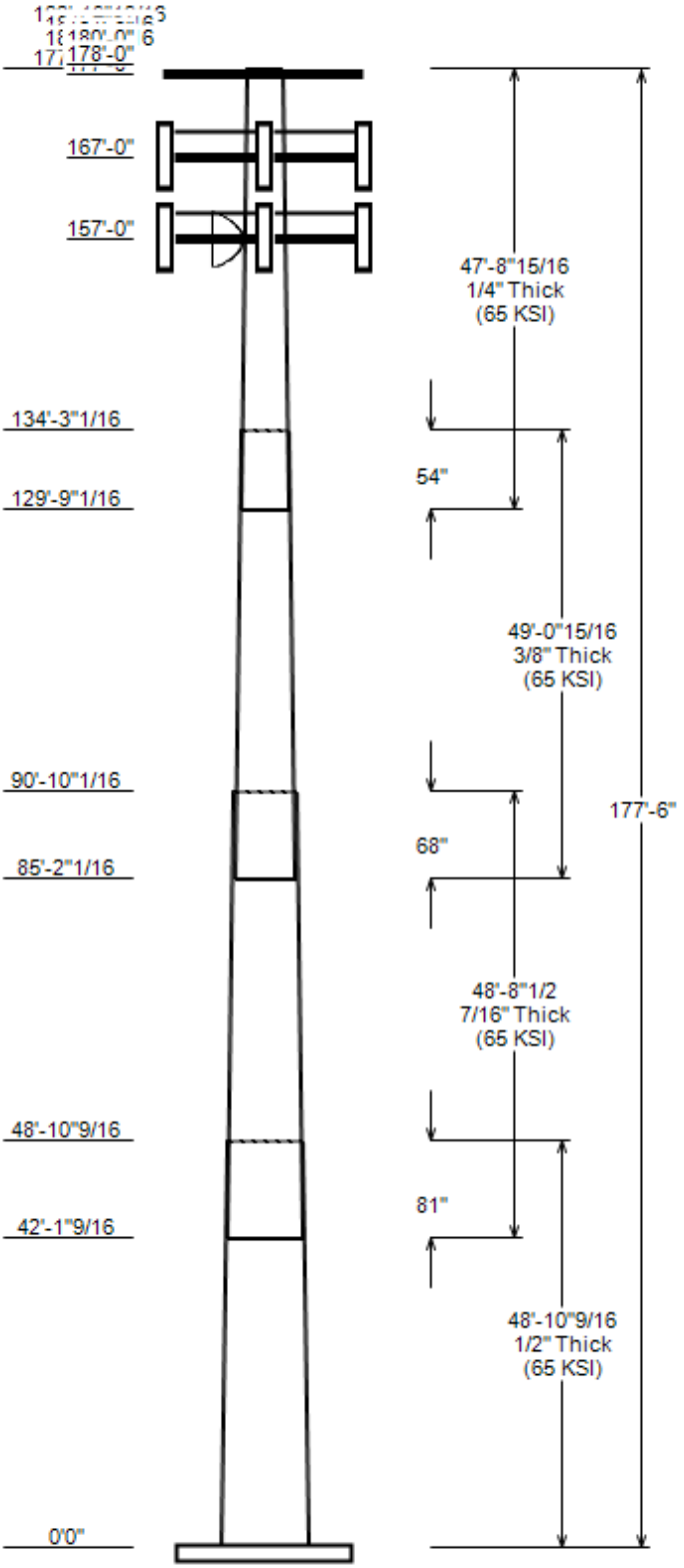
All assets of American Tower Corporation, its affiliates, and subsidiaries (collectively "American Tower") are inspected at regular intervals. Based upon these inspections and in the absence of information to the contrary, American Tower assumes that all structures were constructed in accordance with 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 :	411184, SALEM CT SQA	Height :	177.5 ft
Client :	T-MOBILE	Base Width :	58
Code :	ANSI/TIA-222-H	Shape :	18 Sides



SITE PARAMETERS

Nominal Wind: 123 mph wind with no ice **Topo Category:** 1

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

Base Elev (ft): 0.00 **Taper :** 0.22000(In/ft) **Topo Feature:**

Structure Class: II **Exposure :** B **S_s :** 0.207 **S_1** : 0.055

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	48.880	47.23	58.00	0.500		0.000	18 Sides	65
2	48.710	38.85	49.59	0.438	Slip Joint	81.000	18 Sides	65
3	49.080	30.03	40.85	0.375	Slip Joint	68.000	18 Sides	65
4	47.747	21.00	31.52	0.250	Slip Joint	54.000	18 Sides	65

DISCRETE APPURTENANCE

Attach Elev (ft)	Force Elev (ft)	Qty	Description
182.9	182.9	2	Raycap RxxDC-3315-PF-48
181.8	181.8	3	Alcatel-Lucent B66A RRH4x45-4R
181.7	181.7	6	Generic 56" x 12" Panel
181.6	181.6	3	Alcatel-Lucent B25 RRH4x30-4R
181.0	181.0	3	Samsung MT6407-77A
180.1	180.1	6	Generic 70" x 8" Panel
180.0	180.0	3	Samsung RF4440d-13A
180.0	180.0	3	Samsung RF4439d-25A
180.0	180.0	2	Raycap RRFDC-3315-PF-48
180.0	180.0	6	Andrew DB846H80E-SX
180.0	180.0	6	Andrew SBNHH-1D65A
180.0	180.0	3	Generic 76" x 8" Panel
180.0	180.0	1	VZW Unused Reserve (6561.54 sq
178.0	178.0	3	Samsung Outdoor CBRS 20W RRH –
178.0	178.0	3	Samsung RT4401-48A
177.0	177.0	1	Flat Low Profile Platform
167.0	167.0	1	Commscope RDIDC-9181-PF-48
167.0	167.0	3	Fujitsu TA08025-B605
167.0	167.0	3	Fujitsu TA08025-B604
167.0	167.0	3	JMA Wireless MX08FRO665-21
167.0	167.0	1	Generic Flat Platform with Han
157.0	157.0	3	Ericsson 4460 BAND 2/25
157.0	157.0	3	Ericsson 4480 BAND 71
157.0	157.0	1	RFS SC2-W100BD
157.0	157.0	3	Commscope VV-65A-R1B
157.0	157.0	3	Ericsson AIR 6419 B41
157.0	157.0	3	RFS APXVAALL24 43-U-NA20
157.0	157.0	1	Generic Circular Platform with

LINEAR APPURTENANCE

Elev From (ft)	Elev To (ft)	Description	Exp To Wind
0.0	180.0	1 5/8" Hybriflex	No
0.0	180.0	1 5/8" Coax	No
0.0	167.0	1.60" (40.6mm) Hybrid	No
0.0	157.0	1/2" Coax	No
0.0	157.0	1.99" (50.7mm) Hybrid	No

LOAD CASES

1.2D + 1.0W	123 mph wind with no ice
0.9D + 1.0W	123 mph wind with no ice
1.2D + 1.0Di + 1.0Wi	50 mph wind with 1" 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	4115.73	30.44	58.74
0.9D + 1.0W	4055.53	30.42	44.05
1.2D + 1.0Di + 1.0Wi	1045.99	7.83	75.59
1.2D + 1.0Ev + 1.0Eh	224.58	1.47	58.91
0.9D - 1.0Ev + 1.0Eh	220.46	1.47	40.52
1.0D + 1.0W	869.15	6.48	48.99

DISH DEFLECTIONS

Load Case	Attach Elev (ft)	Deflection (in)	Rotation (deg)
1.0D + 1.0W	157.00	21.013	1.429

ANALYSIS PARAMETERS

Location:	New London County,CT	**Height:**	177.5 ft
Type and Shape:	Taper, 18 Sides	**Base Diameter:**	58.00 in
Manufacturer:	Undetermined	**Top Diameter:**	21.00 in
K_d (non-service):	0.95	**Taper:**	0.2200 in/ft
K_e:	0.98	**Rotation:**	0.000°

ICE & WIND PARAMETERS

Exposure Category:	B	**Design Wind Speed w/o Ice:**	123 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:**	1.00 in
Crest Height:	0 ft	**HMSL:**	566.00 ft

SEISMIC PARAMETERS

Analysis Method:	Equivalent Lateral Force Method				
Site Class:	D - Stiff Soil			**Period Based on Rayleigh Method (sec):**	2.87
T_L (sec):	6	**P:**	1	**C_s:**	0.030
S_s:	0.207	**S_1:**	0.055	**C_s Max:**	0.030
F_a:	1.600	**F_v:**	2.400	**C_s Min:**	0.030
S_{ds}:	0.221	**S_{d1}:**	0.088		

LOAD CASES

1.2D + 1.0W	123 mph wind with no ice
0.9D + 1.0W	123 mph wind with no ice
1.2D + 1.0Di + 1.0Wi	50 mph wind with 1" 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	48.88	0.5000	65		0.00	13,755	58.00	0.000	91.25	38,116.9	18.69	116.00	47.23	48.88	74.15	20,454.4	14.89	94.45	0.2204
2-18	48.71	0.4375	65	Slip	81.00	10,077	49.59	42.130	68.25	20,831.7	18.22	113.35	38.85	90.84	53.34	9,945.1	13.90	88.80	0.2204
3-18	49.08	0.3750	65	Slip	68.00	6,970	40.85	85.170	48.17	9,971.8	17.45	108.94	30.03	134.25	35.30	3,922.8	12.36	80.09	0.2204
								129.75								895.7			
4-18	47.75	0.2500	65	Slip	54.00	3,353	31.52	3	24.82	3,066.7	20.47	126.10	21.00	177.50	16.46		13.05	84.00	0.2204

Shaft Weight 34,155

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
182.90	Raycap RxxDC-3315-PF-48	2	0.80	0.000	21.40	2.512	0.67	75.51	3.219	0.67
181.80	Alcatel-Lucent B66A RRH4x45-4R	3	0.80	0.000	56.80	2.537	0.67	104.40	3.298	0.67
181.70	Generic 56" x 12" Panel	6	0.80	0.000	40.00	6.049	0.66	128.57	7.517	0.66
181.60	Alcatel-Lucent B25 RRH4x30-4R	3	0.80	0.000	51.00	2.140	0.67	92.32	2.819	0.67
181.00	Samsung MT6407-77A	3	0.80	0.000	81.60	4.709	0.61	150.84	5.741	0.61
180.10	Generic 70" x 8" Panel	6	0.80	0.000	40.00	5.670	0.68	113.24	7.261	0.68
180.00	Andrew DB846H80E-SX	6	0.80	0.000	16.00	5.867	0.73	116.16	5.804	0.73
180.00	VZW Unused Reserve (6561.54 sq	1	0.80	0.000	389.80	45.566	0.90	574.26	67.129	0.90
180.00	Generic 76" x 8" Panel	3	0.80	0.000	40.00	6.260	0.68	119.22	7.972	0.68
180.00	Samsung RF4440d-13A	3	0.80	0.000	70.30	1.875	0.50	111.29	2.488	0.50
180.00	Samsung RF4439d-25A	3	0.80	0.000	74.70	2.500	0.67	129.00	3.211	0.67
180.00	Raycap RRFDC-3315-PF-48	2	0.80	0.000	26.90	2.512	0.67	81.01	3.219	0.67
180.00	Andrew SBNHH-1D65A	6	0.80	0.000	40.90	5.883	0.69	132.97	7.333	0.69
178.00	Samsung Outdoor CBRS 20W RRH –	3	0.80	0.000	4.40	0.892	0.50	16.63	1.326	0.50
178.00	Samsung RT4401-48A	3	0.80	0.000	18.60	0.996	0.50	36.94	1.461	0.50
177.00	Flat Low Profile Platform	1	1.00	0.000	1500.00	26.100	1.00	1939.79	39.060	1.00
167.00	Generic Flat Platform with Han	1	1.00	0.000	2500.00	42.400	1.00	3698.84	56.553	1.00
167.00	JMA Wireless MX08FRO665-21	3	0.75	0.000	64.50	12.489	0.64	237.95	14.385	0.64
167.00	Commscope RDIDC-9181-PF-48	1	0.75	0.000	21.90	1.867	1.00	60.30	2.474	1.00
167.00	Fujitsu TA08025-B605	3	0.75	0.000	75.00	1.962	0.50	117.28	2.583	0.50
167.00	Fujitsu TA08025-B604	3	0.75	0.000	63.90	1.962	0.50	103.25	2.583	0.50
157.00	Ericsson 4480 BAND 71	3	0.75	0.000	81.00	2.878	0.67	132.05	3.631	0.67
157.00	RFS SC2-W100BD	1	1.00	0.000	20.00	4.796	1.00	82.16	5.661	1.00
157.00	Commscope VV-65A-R1B	3	0.75	0.000	24.70	5.887	0.63	103.09	7.306	0.63
157.00	Ericsson AIR 6419 B41	3	0.75	0.000	83.30	6.322	0.63	184.80	7.456	0.63
157.00	RFS APXVAALL24 43-U-NA20	3	0.75	0.000	122.80	20.243	0.63	384.03	22.730	0.63
157.00	Generic Circular Platform with	1	1.00	0.000	2900.00	33.900	1.00	4349.78	77.298	1.00
157.00	Ericsson 4460 BAND 2/25	3	0.75	0.000	109.00	2.564	0.67	168.28	3.271	0.67
Totals	Num Loadings: 28	82			11,314.50			20,537.92		

LINEAR APPURTENANCE PROPERTIES

Load Case Azimuth (deg) : _

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	180.00	12	1 5/8" Coax	1.98	0.82	N	0	0	0	0	0	N	VERIZON WIREL
0.00	180.00	2	1 5/8" Hybriflex	1.98	1.3	N	0	0	0	0	0	N	VERIZON WIREL
0.00	167.00	1	1.60" (40.6mm) Hybrid	1.6	2.34	N	0	0	0	0	0	N	DISH WIRELESS
0.00	157.00	3	1.99" (50.7mm) Hybrid	1.99	1.9	N	0	0	0	0	0	N	T-MOBILE
0.00	157.00	1	1/2" Coax	0.63	0.15	N	0	0	0	0	0	N	T-MOBILE

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	58.000	91.249	38,116.90	18.69	116.00	79.4	1294.4	0.0	0.0
5.00		0.5000	56.898	89.500	35,966.90	18.30	113.80	79.9	1245.1	0.0	1,537.6
10.00		0.5000	55.796	87.751	33,899.30	17.91	111.59	80.3	1196.7	0.0	1,507.9
15.00		0.5000	54.694	86.002	31,912.50	17.52	109.39	80.8	1149.2	0.0	1,478.1
20.00		0.5000	53.592	84.253	30,004.90	17.14	107.18	81.2	1102.7	0.0	1,448.4
25.00		0.5000	52.490	82.504	28,174.80	16.75	104.98	81.7	1057.2	0.0	1,418.6
30.00		0.5000	51.387	80.755	26,420.80	16.36	102.77	82.2	1012.7	0.0	1,388.8
35.00		0.5000	50.285	79.006	24,741.00	15.97	100.57	82.6	969.1	0.0	1,359.1
40.00		0.5000	49.183	77.257	23,134.10	15.58	98.37	82.6	926.4	0.0	1,329.3
42.13	Bot - Section 2	0.5000	48.714	76.512	22,471.20	15.42	97.43	82.6	908.6	0.0	557.3
45.00		0.5000	48.081	75.508	21,598.20	15.19	96.16	82.6	884.8	0.0	1,404.6
48.88	Top - Section 1	0.4375	48.101	66.184	18,996.60	17.62	109.94	80.7	777.9	0.0	1,869.6
50.00		0.4375	47.854	65.841	18,703.00	17.52	109.38	80.8	769.8	0.0	251.6
55.00		0.4375	46.752	64.311	17,428.90	17.08	106.86	81.3	734.3	0.0	1,107.2
60.00		0.4375	45.650	62.781	16,214.10	16.64	104.34	81.8	699.6	0.0	1,081.2
65.00		0.4375	44.548	61.250	15,057.00	16.19	101.82	82.4	665.7	0.0	1,055.1
70.00		0.4375	43.446	59.720	13,956.40	15.75	99.30	82.6	632.7	0.0	1,029.1
75.00		0.4375	42.344	58.190	12,910.70	15.30	96.79	82.6	600.5	0.0	1,003.1
80.00		0.4375	41.241	56.659	11,918.70	14.86	94.27	82.6	569.2	0.0	977.0
85.00		0.4375	40.139	55.129	10,978.80	14.41	91.75	82.6	538.7	0.0	951.0
85.17	Bot - Section 3	0.4375	40.101	55.076	10,947.10	14.40	91.66	82.6	537.7	0.0	32.5
90.00		0.4375	39.037	53.599	10,089.60	13.97	89.23	82.6	509.1	0.0	1,673.3
90.84	Top - Section 2	0.3750	39.602	46.688	9,076.80	16.86	105.61	81.6	451.4	0.0	286.6
95.00		0.3750	38.685	45.597	8,455.00	16.43	103.16	82.1	430.5	0.0	653.2
100.00		0.3750	37.583	44.285	7,746.10	15.91	100.22	82.6	406.0	0.0	764.6
105.00		0.3750	36.481	42.973	7,078.00	15.39	97.28	82.6	382.1	0.0	742.3
110.00		0.3750	35.379	41.662	6,449.40	14.87	94.34	82.6	359.1	0.0	720.0
115.00		0.3750	34.277	40.350	5,859.20	14.35	91.40	82.6	336.7	0.0	697.7
120.00		0.3750	33.175	39.038	5,306.20	13.84	88.47	82.6	315.0	0.0	675.4
125.00		0.3750	32.073	37.727	4,789.10	13.32	85.53	82.6	294.1	0.0	653.0
129.75	Bot - Section 4	0.3750	31.025	36.480	4,329.70	12.82	82.73	82.6	274.9	0.0	600.1
130.00		0.3750	30.970	36.415	4,306.70	12.80	82.59	82.6	273.9	0.0	51.4
134.25	Top - Section 3	0.2500	30.533	24.029	2,784.00	19.77	122.13	78.1	179.6	0.0	872.1
135.00		0.2500	30.368	23.898	2,738.90	19.66	121.47	78.3	177.6	0.0	60.9
140.00		0.2500	29.266	23.024	2,449.10	18.88	117.06	79.2	164.8	0.0	399.2
145.00		0.2500	28.164	22.149	2,180.50	18.10	112.66	80.1	152.5	0.0	384.3
150.00		0.2500	27.062	21.275	1,932.30	17.32	108.25	81	140.6	0.0	369.4
155.00		0.2500	25.960	20.400	1,703.70	16.55	103.84	81.9	129.3	0.0	354.5
157.00		0.2500	25.519	20.050	1,617.50	16.24	102.08	82.3	124.8	0.0	137.6
160.00		0.2500	24.858	19.526	1,493.80	15.77	99.43	82.6	118.4	0.0	202.0
165.00		0.2500	23.756	18.651	1,302.00	14.99	95.02	82.6	107.9	0.0	324.8
167.00		0.2500	23.315	18.301	1,230.10	14.68	93.26	82.6	103.9	0.0	125.7
170.00		0.2500	22.654	17.777	1,127.30	14.21	90.61	82.6	98.0	0.0	184.1
175.00		0.2500	21.552	16.902	969.00	13.44	86.21	82.6	88.6	0.0	295.0
177.00		0.2500	21.111	16.552	910.10	13.13	84.44	82.6	84.9	0.0	113.8
177.50		0.2500	21.000	16.465	895.70	13.05	84.00	82.6	84.0	0.0	28.1
									Totals:		34,156.2

Load Case: 1.2D + 1.0W 123 mph wind with no ice 26 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	-58.74	-30.44	0.00	-4,115.7	0.00	4,115.73	6,522.07	1,601.42	8,317.28	7,709.86	0	0	0.543
5.00	-56.70	-30.10	0.00	-3,963.5	0.00	3,963.53	6,433.88	1,570.73	8,001.55	7,458.58	0.08	-0.15	0.541
10.00	-54.68	-29.76	0.00	-3,813.0	0.00	3,813.02	6,344.25	1,540.03	7,691.92	7,209.69	0.32	-0.3	0.538
15.00	-52.71	-29.43	0.00	-3,664.2	0.00	3,664.20	6,253.19	1,509.34	7,388.40	6,963.30	0.72	-0.46	0.535
20.00	-50.77	-29.10	0.00	-3,517.1	0.00	3,517.06	6,160.69	1,478.65	7,090.99	6,719.50	1.29	-0.62	0.532
25.00	-48.87	-28.76	0.00	-3,371.6	0.00	3,371.59	6,066.74	1,447.95	6,799.69	6,478.40	2.03	-0.78	0.529
30.00	-47.00	-28.43	0.00	-3,227.8	0.00	3,227.77	5,971.36	1,417.26	6,514.50	6,240.08	2.94	-0.95	0.526
35.00	-45.17	-28.08	0.00	-3,085.6	0.00	3,085.63	5,869.78	1,386.56	6,235.42	5,999.80	4.03	-1.12	0.522
40.00	-43.40	-27.81	0.00	-2,945.2	0.00	2,945.23	5,739.84	1,355.87	5,962.45	5,735.81	5.3	-1.29	0.521
42.13	-42.64	-27.63	0.00	-2,886.0	0.00	2,885.98	5,684.49	1,342.79	5,848.02	5,625.16	5.89	-1.37	0.521
45.00	-40.83	-27.36	0.00	-2,806.7	0.00	2,806.68	5,609.90	1,325.17	5,695.59	5,477.76	6.75	-1.47	0.520
48.88	-38.46	-27.12	0.00	-2,700.5	0.00	2,700.54	4,805.33	1,161.53	5,000.69	4,706.45	8	-1.62	0.582
50.00	-38.08	-26.90	0.00	-2,670.2	0.00	2,670.16	4,787.38	1,155.52	4,949.03	4,664.36	8.39	-1.66	0.581
55.00	-36.55	-26.50	0.00	-2,535.7	0.00	2,535.67	4,706.35	1,128.66	4,721.67	4,477.85	10.23	-1.86	0.575
60.00	-35.05	-26.10	0.00	-2,403.2	0.00	2,403.15	4,623.87	1,101.80	4,499.66	4,293.72	12.28	-2.06	0.568
65.00	-33.59	-25.70	0.00	-2,272.6	0.00	2,272.64	4,539.96	1,074.94	4,283.00	4,112.05	14.54	-2.26	0.561
70.00	-32.16	-25.28	0.00	-2,144.2	0.00	2,144.16	4,436.90	1,048.09	4,071.68	3,917.30	17.02	-2.47	0.555
75.00	-30.76	-24.87	0.00	-2,017.7	0.00	2,017.74	4,323.20	1,021.23	3,865.71	3,718.13	19.72	-2.68	0.550
80.00	-29.40	-24.45	0.00	-1,893.4	0.00	1,893.40	4,209.50	994.37	3,665.08	3,524.15	22.65	-2.9	0.545
85.00	-28.10	-24.20	0.00	-1,771.2	0.00	1,771.16	4,095.80	967.51	3,469.80	3,335.36	25.8	-3.12	0.539
85.17	-28.02	-24.02	0.00	-1,767.0	0.00	1,766.96	4,091.86	966.58	3,463.13	3,328.91	25.91	-3.12	0.538
90.00	-25.86	-23.69	0.00	-1,651.0	0.00	1,651.05	3,982.11	940.66	3,279.87	3,151.78	29.18	-3.34	0.531
90.84	-25.46	-23.48	0.00	-1,631.2	0.00	1,631.16	3,427.64	819.38	2,903.29	2,761.87	29.77	-3.38	0.599
95.00	-24.52	-23.10	0.00	-1,533.5	0.00	1,533.46	3,368.33	800.23	2,769.16	2,650.03	32.8	-3.57	0.587
100.00	-23.41	-22.68	0.00	-1,418.0	0.00	1,417.95	3,290.17	777.21	2,612.15	2,513.35	36.66	-3.81	0.572
105.00	-22.33	-22.27	0.00	-1,304.5	0.00	1,304.53	3,192.72	754.18	2,459.72	2,365.94	40.79	-4.06	0.559
110.00	-21.28	-21.85	0.00	-1,193.2	0.00	1,193.21	3,095.26	731.16	2,311.87	2,222.99	45.17	-4.32	0.545
115.00	-20.26	-21.43	0.00	-1,084.0	0.00	1,083.97	2,997.81	708.14	2,168.61	2,084.50	49.82	-4.57	0.528
120.00	-19.27	-21.02	0.00	-976.8	0.00	976.81	2,900.35	685.12	2,029.93	1,950.45	54.74	-4.82	0.508
125.00	-18.32	-20.61	0.00	-871.7	0.00	871.72	2,802.90	662.10	1,895.83	1,820.86	59.91	-5.06	0.486
129.75	-17.46	-20.37	0.00	-773.7	0.00	773.74	2,710.25	640.22	1,772.59	1,701.80	65.06	-5.3	0.462
130.00	-17.37	-20.22	0.00	-768.7	0.00	768.71	2,705.44	639.08	1,766.31	1,695.73	65.34	-5.31	0.461
134.25	-16.20	-19.94	0.00	-682.7	0.00	682.72	1,689.95	421.70	1,153.47	1,052.58	70.15	-5.51	0.660
135.00	-16.07	-19.76	0.00	-667.8	0.00	667.84	1,683.70	419.41	1,140.96	1,042.94	71.02	-5.55	0.652
140.00	-15.40	-19.39	0.00	-569.1	0.00	569.06	1,641.04	404.06	1,059.00	979.01	77	-5.87	0.593
145.00	-14.77	-19.03	0.00	-472.1	0.00	472.10	1,596.93	388.72	980.09	916.20	83.3	-6.17	0.527
150.00	-14.16	-18.67	0.00	-377.0	0.00	376.95	1,551.39	373.37	904.24	854.62	89.9	-6.45	0.453
155.00	-13.59	-18.39	0.00	-283.6	0.00	283.62	1,504.40	358.02	831.44	794.36	96.78	-6.69	0.369
157.00	-8.87	-13.51	0.00	-246.8	0.00	246.84	1,485.21	351.88	803.17	770.64	99.6	-6.78	0.328
160.00	-8.58	-13.22	0.00	-206.3	0.00	206.32	1,450.65	342.67	761.69	732.82	103.89	-6.9	0.289
165.00	-8.11	-12.95	0.00	-140.2	0.00	140.21	1,385.68	327.33	695.00	668.34	111.19	-7.07	0.217
167.00	-4.58	-9.32	0.00	-114.3	0.00	114.32	1,359.70	321.19	669.18	643.37	114.16	-7.12	0.182
170.00	-4.33	-9.04	0.00	-86.4	0.00	86.36	1,320.71	311.98	631.37	606.82	118.65	-7.19	0.146
175.00	-3.93	-8.78	0.00	-41.1	0.00	41.14	1,255.74	296.63	570.79	548.27	126.21	-7.27	0.079
177.00	-2.14	-7.26	0.00	-23.6	0.00	23.59	1,229.76	290.49	547.41	525.69	129.25	-7.29	0.047
177.50	0.00	-6.93	0.00	-20.0	0.00	19.96	1,223.26	288.96	541.65	520.11	130.01	-7.29	0.039

Load Case: 0.9D + 1.0W 123 mph wind with no ice 26 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	-44.05	-30.42	0.00	-4,055.5	0.00	4,055.53	6,522.07	1,601.42	8,317.28	7,709.86	0	0	0.533
5.00	-42.49	-30.04	0.00	-3,903.4	0.00	3,903.43	6,433.88	1,570.73	8,001.55	7,458.58	0.08	-0.15	0.530
10.00	-40.97	-29.67	0.00	-3,753.2	0.00	3,753.22	6,344.25	1,540.03	7,691.92	7,209.69	0.32	-0.3	0.527
15.00	-39.47	-29.30	0.00	-3,604.9	0.00	3,604.88	6,253.19	1,509.34	7,388.40	6,963.30	0.71	-0.45	0.524
20.00	-38.00	-28.93	0.00	-3,458.4	0.00	3,458.39	6,160.69	1,478.65	7,090.99	6,719.50	1.27	-0.61	0.521
25.00	-36.55	-28.57	0.00	-3,313.7	0.00	3,313.74	6,066.74	1,447.95	6,799.69	6,478.40	2	-0.77	0.518
30.00	-35.13	-28.20	0.00	-3,170.9	0.00	3,170.91	5,971.36	1,417.26	6,514.50	6,240.08	2.9	-0.94	0.514
35.00	-33.74	-27.83	0.00	-3,029.9	0.00	3,029.90	5,869.78	1,386.56	6,235.42	5,999.80	3.97	-1.1	0.511
40.00	-32.40	-27.55	0.00	-2,890.8	0.00	2,890.75	5,739.84	1,355.87	5,962.45	5,735.81	5.21	-1.27	0.510
42.13	-31.83	-27.35	0.00	-2,832.1	0.00	2,832.08	5,684.49	1,342.79	5,848.02	5,625.16	5.8	-1.35	0.509
45.00	-30.46	-27.06	0.00	-2,753.6	0.00	2,753.59	5,609.90	1,325.17	5,695.59	5,477.76	6.64	-1.45	0.509
48.88	-28.67	-26.82	0.00	-2,648.6	0.00	2,648.59	4,805.33	1,161.53	5,000.69	4,706.45	7.87	-1.59	0.569
50.00	-28.38	-26.58	0.00	-2,618.5	0.00	2,618.54	4,787.38	1,155.52	4,949.03	4,664.36	8.25	-1.63	0.568
55.00	-27.21	-26.17	0.00	-2,485.6	0.00	2,485.62	4,706.35	1,128.66	4,721.67	4,477.85	10.06	-1.82	0.561
60.00	-26.07	-25.75	0.00	-2,354.8	0.00	2,354.78	4,623.87	1,101.80	4,499.66	4,293.72	12.08	-2.02	0.555
65.00	-24.96	-25.32	0.00	-2,226.0	0.00	2,226.05	4,539.96	1,074.94	4,283.00	4,112.05	14.3	-2.22	0.547
70.00	-23.87	-24.89	0.00	-2,099.4	0.00	2,099.45	4,436.90	1,048.09	4,071.68	3,917.30	16.73	-2.43	0.542
75.00	-22.81	-24.46	0.00	-1,975.0	0.00	1,975.00	4,323.20	1,021.23	3,865.71	3,718.13	19.38	-2.63	0.537
80.00	-21.77	-24.03	0.00	-1,852.7	0.00	1,852.70	4,209.50	994.37	3,665.08	3,524.15	22.25	-2.84	0.531
85.00	-20.79	-23.78	0.00	-1,732.6	0.00	1,732.58	4,095.80	967.51	3,469.80	3,335.36	25.35	-3.06	0.525
85.17	-20.73	-23.58	0.00	-1,728.5	0.00	1,728.46	4,091.86	966.58	3,463.13	3,328.91	25.46	-3.07	0.525
90.00	-19.10	-23.27	0.00	-1,614.6	0.00	1,614.65	3,982.11	940.66	3,279.87	3,151.78	28.66	-3.28	0.518
90.84	-18.79	-23.06	0.00	-1,595.1	0.00	1,595.11	3,427.64	819.38	2,903.29	2,761.87	29.24	-3.31	0.584
95.00	-18.07	-22.66	0.00	-1,499.2	0.00	1,499.20	3,368.33	800.23	2,769.16	2,650.03	32.21	-3.5	0.572
100.00	-17.22	-22.23	0.00	-1,385.9	0.00	1,385.89	3,290.17	777.21	2,612.15	2,513.35	36	-3.74	0.557
105.00	-16.40	-21.81	0.00	-1,274.7	0.00	1,274.73	3,192.72	754.18	2,459.72	2,365.94	40.05	-3.98	0.545
110.00	-15.60	-21.38	0.00	-1,165.7	0.00	1,165.70	3,095.26	731.16	2,311.87	2,222.99	44.35	-4.23	0.530
115.00	-14.83	-20.96	0.00	-1,058.8	0.00	1,058.80	2,997.81	708.14	2,168.61	2,084.50	48.91	-4.48	0.514
120.00	-14.08	-20.54	0.00	-954.0	0.00	954.01	2,900.35	685.12	2,029.93	1,950.45	53.72	-4.72	0.495
125.00	-13.35	-20.14	0.00	-851.3	0.00	851.31	2,802.90	662.10	1,895.83	1,820.86	58.79	-4.96	0.473
129.75	-12.70	-19.90	0.00	-755.6	0.00	755.60	2,710.25	640.22	1,772.59	1,701.80	63.84	-5.19	0.450
130.00	-12.63	-19.74	0.00	-750.7	0.00	750.69	2,705.44	639.08	1,766.31	1,695.73	64.1	-5.2	0.448
134.25	-11.75	-19.48	0.00	-666.7	0.00	666.73	1,689.95	421.70	1,153.47	1,052.58	68.82	-5.4	0.643
135.00	-11.64	-19.29	0.00	-652.2	0.00	652.18	1,683.70	419.41	1,140.96	1,042.94	69.67	-5.44	0.634
140.00	-11.13	-18.91	0.00	-555.8	0.00	555.76	1,641.04	404.06	1,059.00	979.01	75.52	-5.75	0.577
145.00	-10.64	-18.54	0.00	-461.2	0.00	461.20	1,596.93	388.72	980.09	916.20	81.7	-6.04	0.512
150.00	-10.18	-18.18	0.00	-368.5	0.00	368.48	1,551.39	373.37	904.24	854.62	88.16	-6.32	0.440
155.00	-9.75	-17.91	0.00	-277.6	0.00	277.60	1,504.40	358.02	831.44	794.36	94.9	-6.55	0.358
157.00	-6.32	-13.18	0.00	-241.8	0.00	241.78	1,485.21	351.88	803.17	770.64	97.66	-6.64	0.319
160.00	-6.10	-12.90	0.00	-202.2	0.00	202.24	1,450.65	342.67	761.69	732.82	101.86	-6.76	0.282
165.00	-5.75	-12.63	0.00	-137.8	0.00	137.75	1,385.68	327.33	695.00	668.34	109.01	-6.92	0.212
167.00	-3.19	-9.14	0.00	-112.5	0.00	112.49	1,359.70	321.19	669.18	643.37	111.91	-6.97	0.178
170.00	-3.01	-8.86	0.00	-85.1	0.00	85.08	1,320.71	311.98	631.37	606.82	116.31	-7.04	0.143
175.00	-2.71	-8.61	0.00	-40.8	0.00	40.76	1,255.74	296.63	570.79	548.27	123.71	-7.12	0.077
177.00	-1.40	-7.16	0.00	-23.5	0.00	23.54	1,229.76	290.49	547.41	525.69	126.69	-7.14	0.047
177.50	0.00	-6.93	0.00	-20.0	0.00	19.96	1,223.26	288.96	541.65	520.11	127.44	-7.14	0.039

Load Case: 1.2D + 1.0Di + 1.0Wi		50 mph wind with 1" radial ice			25 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	-75.59	-7.83	0.00	-1,046.0	0.00	1,045.99	6,522.07	1,601.42	8,317.28	7,709.86	0	0	0.147
5.00	-73.34	-7.75	0.00	-1,006.8	0.00	1,006.83	6,433.88	1,570.73	8,001.55	7,458.58	0.02	-0.04	0.146
10.00	-71.09	-7.66	0.00	-968.1	0.00	968.11	6,344.25	1,540.03	7,691.92	7,209.69	0.08	-0.08	0.146
15.00	-68.88	-7.57	0.00	-929.8	0.00	929.82	6,253.19	1,509.34	7,388.40	6,963.30	0.18	-0.12	0.145
20.00	-66.69	-7.48	0.00	-892.0	0.00	891.97	6,160.69	1,478.65	7,090.99	6,719.50	0.33	-0.16	0.144
25.00	-64.53	-7.40	0.00	-854.6	0.00	854.55	6,066.74	1,447.95	6,799.69	6,478.40	0.52	-0.2	0.143
30.00	-62.42	-7.31	0.00	-817.6	0.00	817.56	5,971.36	1,417.26	6,514.50	6,240.08	0.75	-0.24	0.141
35.00	-60.34	-7.22	0.00	-781.0	0.00	781.01	5,869.78	1,386.56	6,235.42	5,999.80	1.02	-0.28	0.140
40.00	-58.30	-7.15	0.00	-744.9	0.00	744.92	5,739.84	1,355.87	5,962.45	5,735.81	1.34	-0.33	0.140
42.13	-57.44	-7.10	0.00	-729.7	0.00	729.69	5,684.49	1,342.79	5,848.02	5,625.16	1.5	-0.35	0.140
45.00	-55.49	-7.03	0.00	-709.3	0.00	709.31	5,609.90	1,325.17	5,695.59	5,477.76	1.71	-0.37	0.139
48.88	-52.90	-6.96	0.00	-682.0	0.00	682.04	4,805.33	1,161.53	5,000.69	4,706.45	2.03	-0.41	0.156
50.00	-52.50	-6.91	0.00	-674.2	0.00	674.24	4,787.38	1,155.52	4,949.03	4,664.36	2.13	-0.42	0.156
55.00	-50.73	-6.80	0.00	-639.7	0.00	639.71	4,706.35	1,128.66	4,721.67	4,477.85	2.59	-0.47	0.154
60.00	-48.99	-6.70	0.00	-605.7	0.00	605.70	4,623.87	1,101.80	4,499.66	4,293.72	3.11	-0.52	0.152
65.00	-47.29	-6.59	0.00	-572.2	0.00	572.22	4,539.96	1,074.94	4,283.00	4,112.05	3.69	-0.57	0.150
70.00	-45.63	-6.48	0.00	-539.3	0.00	539.29	4,436.90	1,048.09	4,071.68	3,917.30	4.31	-0.62	0.148
75.00	-44.00	-6.36	0.00	-506.9	0.00	506.90	4,323.20	1,021.23	3,865.71	3,718.13	5	-0.68	0.147
80.00	-42.42	-6.25	0.00	-475.1	0.00	475.08	4,209.50	994.37	3,665.08	3,524.15	5.74	-0.73	0.145
85.00	-40.87	-6.18	0.00	-443.8	0.00	443.82	4,095.80	967.51	3,469.80	3,335.36	6.53	-0.79	0.143
85.17	-40.81	-6.13	0.00	-442.8	0.00	442.75	4,091.86	966.58	3,463.13	3,328.91	6.56	-0.79	0.143
90.00	-38.41	-6.05	0.00	-413.1	0.00	413.14	3,982.11	940.66	3,279.87	3,151.78	7.39	-0.84	0.141
90.84	-37.99	-5.99	0.00	-408.1	0.00	408.06	3,427.64	819.38	2,903.29	2,761.87	7.54	-0.85	0.159
95.00	-36.87	-5.89	0.00	-383.1	0.00	383.14	3,368.33	800.23	2,769.16	2,650.03	8.3	-0.9	0.156
100.00	-35.56	-5.78	0.00	-353.7	0.00	353.70	3,290.17	777.21	2,612.15	2,513.35	9.28	-0.96	0.152
105.00	-34.28	-5.66	0.00	-324.8	0.00	324.82	3,192.72	754.18	2,459.72	2,365.94	10.32	-1.02	0.148
110.00	-33.03	-5.55	0.00	-296.5	0.00	296.52	3,095.26	731.16	2,311.87	2,222.99	11.42	-1.09	0.144
115.00	-31.81	-5.43	0.00	-268.8	0.00	268.78	2,997.81	708.14	2,168.61	2,084.50	12.59	-1.15	0.140
120.00	-30.63	-5.32	0.00	-241.6	0.00	241.61	2,900.35	685.12	2,029.93	1,950.45	13.83	-1.21	0.134
125.00	-29.48	-5.21	0.00	-215.0	0.00	215.02	2,802.90	662.10	1,895.83	1,820.86	15.13	-1.27	0.129
129.75	-28.43	-5.14	0.00	-190.3	0.00	190.26	2,710.25	640.22	1,772.59	1,701.80	16.43	-1.33	0.122
130.00	-28.35	-5.10	0.00	-189.0	0.00	188.99	2,705.44	639.08	1,766.31	1,695.73	16.49	-1.33	0.122
134.25	-27.00	-5.02	0.00	-167.3	0.00	167.31	1,689.95	421.70	1,153.47	1,052.58	17.7	-1.38	0.175
135.00	-26.87	-4.97	0.00	-163.6	0.00	163.57	1,683.70	419.41	1,140.96	1,042.94	17.92	-1.39	0.173
140.00	-26.05	-4.87	0.00	-138.7	0.00	138.71	1,641.04	404.06	1,059.00	979.01	19.42	-1.47	0.158
145.00	-25.25	-4.77	0.00	-114.4	0.00	114.35	1,596.93	388.72	980.09	916.20	21	-1.54	0.141
150.00	-24.47	-4.67	0.00	-90.5	0.00	90.50	1,551.39	373.37	904.24	854.62	22.65	-1.61	0.122
155.00	-23.72	-4.59	0.00	-67.2	0.00	67.16	1,504.40	358.02	831.44	794.36	24.37	-1.67	0.100
157.00	-15.96	-3.24	0.00	-58.0	0.00	57.99	1,485.21	351.88	803.17	770.64	25.07	-1.69	0.086
160.00	-15.55	-3.15	0.00	-48.3	0.00	48.28	1,450.65	342.67	761.69	732.82	26.15	-1.72	0.077
165.00	-14.89	-3.07	0.00	-32.5	0.00	32.53	1,385.68	327.33	695.00	668.34	27.96	-1.76	0.060
167.00	-9.32	-2.21	0.00	-26.4	0.00	26.39	1,359.70	321.19	669.18	643.37	28.7	-1.77	0.048
170.00	-8.95	-2.13	0.00	-19.8	0.00	19.75	1,320.71	311.98	631.37	606.82	29.82	-1.78	0.039
175.00	-8.35	-2.05	0.00	-9.1	0.00	9.11	1,255.74	296.63	570.79	548.27	31.7	-1.8	0.023
177.00	-5.99	-1.65	0.00	-5.0	0.00	5.02	1,229.76	290.49	547.41	525.69	32.45	-1.81	0.014
177.50	0.00	-1.46	0.00	-4.2	0.00	4.19	1,223.26	288.96	541.65	520.11	32.64	-1.81	0.008

Load Case: 1.0D + 1.0W 60 mph Wind with No Ice 24 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	-48.99	-6.48	0.00	-869.2	0.00	869.15	6,522.07	1,601.42	8,317.28	7,709.86	0	0	0.120
5.00	-47.34	-6.40	0.00	-836.8	0.00	836.76	6,433.88	1,570.73	8,001.55	7,458.58	0.02	-0.03	0.120
10.00	-45.73	-6.32	0.00	-804.8	0.00	804.77	6,344.25	1,540.03	7,691.92	7,209.69	0.07	-0.06	0.119
15.00	-44.14	-6.25	0.00	-773.2	0.00	773.16	6,253.19	1,509.34	7,388.40	6,963.30	0.15	-0.1	0.118
20.00	-42.59	-6.17	0.00	-741.9	0.00	741.93	6,160.69	1,478.65	7,090.99	6,719.50	0.27	-0.13	0.117
25.00	-41.06	-6.10	0.00	-711.1	0.00	711.08	6,066.74	1,447.95	6,799.69	6,478.40	0.43	-0.17	0.117
30.00	-39.57	-6.02	0.00	-680.6	0.00	680.60	5,971.36	1,417.26	6,514.50	6,240.08	0.62	-0.2	0.116
35.00	-38.10	-5.94	0.00	-650.5	0.00	650.50	5,869.78	1,386.56	6,235.42	5,999.80	0.85	-0.24	0.115
40.00	-36.67	-5.88	0.00	-620.8	0.00	620.79	5,739.84	1,355.87	5,962.45	5,735.81	1.12	-0.27	0.115
42.13	-36.06	-5.84	0.00	-608.3	0.00	608.26	5,684.49	1,342.79	5,848.02	5,625.16	1.24	-0.29	0.114
45.00	-34.60	-5.78	0.00	-591.5	0.00	591.48	5,609.90	1,325.17	5,695.59	5,477.76	1.42	-0.31	0.114
48.88	-32.65	-5.73	0.00	-569.0	0.00	569.05	4,805.33	1,161.53	5,000.69	4,706.45	1.69	-0.34	0.128
50.00	-32.37	-5.68	0.00	-562.6	0.00	562.62	4,787.38	1,155.52	4,949.03	4,664.36	1.77	-0.35	0.127
55.00	-31.16	-5.60	0.00	-534.2	0.00	534.21	4,706.35	1,128.66	4,721.67	4,477.85	2.16	-0.39	0.126
60.00	-29.97	-5.51	0.00	-506.2	0.00	506.22	4,623.87	1,101.80	4,499.66	4,293.72	2.59	-0.43	0.124
65.00	-28.81	-5.42	0.00	-478.7	0.00	478.67	4,539.96	1,074.94	4,283.00	4,112.05	3.07	-0.48	0.123
70.00	-27.67	-5.33	0.00	-451.6	0.00	451.57	4,436.90	1,048.09	4,071.68	3,917.30	3.59	-0.52	0.122
75.00	-26.56	-5.24	0.00	-424.9	0.00	424.92	4,323.20	1,021.23	3,865.71	3,718.13	4.16	-0.57	0.120
80.00	-25.48	-5.15	0.00	-398.7	0.00	398.71	4,209.50	994.37	3,665.08	3,524.15	4.78	-0.61	0.119
85.00	-24.42	-5.10	0.00	-373.0	0.00	372.96	4,095.80	967.51	3,469.80	3,335.36	5.44	-0.66	0.118
85.17	-24.39	-5.06	0.00	-372.1	0.00	372.07	4,091.86	966.58	3,463.13	3,328.91	5.47	-0.66	0.118
90.00	-22.61	-4.99	0.00	-347.7	0.00	347.66	3,982.11	940.66	3,279.87	3,151.78	6.15	-0.7	0.116
90.84	-22.31	-4.95	0.00	-343.5	0.00	343.47	3,427.64	819.38	2,903.29	2,761.87	6.28	-0.71	0.131
95.00	-21.56	-4.86	0.00	-322.9	0.00	322.90	3,368.33	800.23	2,769.16	2,650.03	6.92	-0.75	0.128
100.00	-20.69	-4.77	0.00	-298.6	0.00	298.57	3,290.17	777.21	2,612.15	2,513.35	7.73	-0.8	0.125
105.00	-19.84	-4.69	0.00	-274.7	0.00	274.70	3,192.72	754.18	2,459.72	2,365.94	8.6	-0.86	0.122
110.00	-19.02	-4.60	0.00	-251.3	0.00	251.27	3,095.26	731.16	2,311.87	2,222.99	9.53	-0.91	0.119
115.00	-18.22	-4.51	0.00	-228.3	0.00	228.29	2,997.81	708.14	2,168.61	2,084.50	10.51	-0.96	0.116
120.00	-17.43	-4.42	0.00	-205.8	0.00	205.75	2,900.35	685.12	2,029.93	1,950.45	11.54	-1.01	0.112
125.00	-16.68	-4.34	0.00	-183.6	0.00	183.64	2,802.90	662.10	1,895.83	1,820.86	12.64	-1.07	0.107
129.75	-15.98	-4.29	0.00	-163.0	0.00	163.03	2,710.25	640.22	1,772.59	1,701.80	13.72	-1.12	0.102
130.00	-15.92	-4.25	0.00	-162.0	0.00	161.97	2,705.44	639.08	1,766.31	1,695.73	13.78	-1.12	0.101
134.25	-14.96	-4.20	0.00	-143.9	0.00	143.88	1,689.95	421.70	1,153.47	1,052.58	14.8	-1.16	0.146
135.00	-14.88	-4.16	0.00	-140.8	0.00	140.75	1,683.70	419.41	1,140.96	1,042.94	14.98	-1.17	0.144
140.00	-14.38	-4.08	0.00	-120.0	0.00	119.96	1,641.04	404.06	1,059.00	979.01	16.24	-1.24	0.131
145.00	-13.89	-4.00	0.00	-99.6	0.00	99.56	1,596.93	388.72	980.09	916.20	17.57	-1.3	0.117
150.00	-13.41	-3.93	0.00	-79.5	0.00	79.54	1,551.39	373.37	904.24	854.62	18.97	-1.36	0.102
155.00	-12.95	-3.87	0.00	-59.9	0.00	59.90	1,504.40	358.02	831.44	794.36	20.42	-1.41	0.084
157.00	-8.62	-2.85	0.00	-52.2	0.00	52.16	1,485.21	351.88	803.17	770.64	21.01	-1.43	0.074
160.00	-8.37	-2.79	0.00	-43.6	0.00	43.62	1,450.65	342.67	761.69	732.82	21.92	-1.45	0.065
165.00	-7.97	-2.73	0.00	-29.7	0.00	29.68	1,385.68	327.33	695.00	668.34	23.46	-1.49	0.050
167.00	-4.70	-1.97	0.00	-24.2	0.00	24.22	1,359.70	321.19	669.18	643.37	24.09	-1.5	0.041
170.00	-4.48	-1.91	0.00	-18.3	0.00	18.31	1,320.71	311.98	631.37	606.82	25.04	-1.52	0.034
175.00	-4.12	-1.86	0.00	-8.7	0.00	8.74	1,255.74	296.63	570.79	548.27	26.64	-1.53	0.019
177.00	-2.49	-1.54	0.00	-5.0	0.00	5.02	1,229.76	290.49	547.41	525.69	27.28	-1.54	0.012
177.50	0.00	-1.48	0.00	-4.2	0.00	4.25	1,223.26	288.96	541.65	520.11	27.44	-1.54	0.008

EQUIVALENT LATERAL FORCES METHOD ANALYSIS

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

Spectral Response Acceleration for Short Period (S_S):	0.207
Spectral Response Acceleration at 1.0 Second Period (S_1):	0.055
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}):	0.221
Design Spectral Response Acceleration at 1.0 Second Period (S_{d1}):	0.088
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):	2.870
Redundancy Factor (p):	1.000
Seismic Force Distribution Exponent (k):	2.000
Total Unfactored Dead Load:	48.990 k
Seismic Base Shear (E):	1.470 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)
45	177.25	34	1,078	0.002	3	43
44	176	139	4,297	0.008	11	173
43	172.5	357	10,629	0.019	28	444
42	168.5	221	6,288	0.011	16	276
41	166	155	4,279	0.008	11	193
40	162.5	399	10,527	0.018	27	496
39	158.5	246	6,189	0.011	16	306
38	156	179	4,354	0.008	11	223
37	152.5	458	10,644	0.019	28	569
36	147.5	473	10,281	0.018	27	588
35	142.5	487	9,898	0.017	26	606
34	137.5	502	9,497	0.017	25	625
33	134.6267	76	1,383	0.002	4	95
32	132.1267	960	16,757	0.030	43	1,194
31	129.8767	56	953	0.002	2	70
30	127.3767	698	11,328	0.020	29	869
29	122.5	756	11,347	0.020	29	941
28	117.5	779	10,748	0.019	28	969
27	112.5	801	10,135	0.018	26	996
26	107.5	823	9,512	0.017	25	1,024
25	102.5	845	8,883	0.016	23	1,052
24	97.5	868	8,249	0.014	21	1,080
23	92.92	739	6,381	0.011	17	919
22	90.42	304	2,485	0.004	6	378
21	87.5867	1,773	13,600	0.024	35	2,206
20	85.0867	36	261	0.000	1	45
19	82.5	1,054	7,175	0.013	19	1,312
18	77.5	1,080	6,488	0.011	17	1,344
17	72.5	1,106	5,814	0.010	15	1,376
16	67.5	1,132	5,159	0.009	13	1,409
15	62.5	1,158	4,525	0.008	12	1,441
14	57.5	1,184	3,916	0.007	10	1,473
13	52.5	1,210	3,336	0.006	9	1,506
12	49.44	275	671	0.001	2	342

Segment	Height Above Base (ft)	Weight (lb)	W_z (lb-ft)	C_{vx}	Horizontal Force (lb)	Vertical Force (lb)
11	46.94	1,950	4,296	0.008	11	2,426
10	43.565	1,464	2,778	0.005	7	1,821
9	41.065	601	1,014	0.002	3	748
8	37.5	1,432	2,014	0.004	5	1,782
7	32.5	1,462	1,544	0.003	4	1,819
6	27.5	1,492	1,128	0.002	3	1,856
5	22.5	1,522	770	0.001	2	1,893
4	17.5	1,552	475	0.001	1	1,930
3	12.5	1,581	247	0.000	1	1,967
2	7.5	1,611	91	0.000	0	2,004
1	2.5	1,641	10	0.000	0	2,041
Raycap RxxDC-3315-PF-48	177.5	43	1,348	0.002	3	53
Alcatel-Lucent B66A RRH4x45-4R w/ Solar Shield	177.5	170	5,369	0.010	14	212
Generic 56" x 12" Panel	177.5	240	7,562	0.013	20	299
Alcatel-Lucent B25 RRH4x30-4R	177.5	153	4,820	0.008	12	190
Samsung MT6407-77A	177.5	245	7,713	0.014	20	305
Generic 70" x 8" Panel	177.5	240	7,562	0.013	20	299
Samsung RF4440d-13A	177.5	211	6,645	0.012	17	262
Samsung RF4439d-25A	177.5	224	7,061	0.012	18	279
Raycap RRFDC-3315-PF-48	177.5	54	1,695	0.003	4	67
Andrew DB846H80E-SX	177.5	96	3,025	0.005	8	119
Andrew SBNHH-1D65A	177.5	245	7,732	0.014	20	305
Generic 76" x 8" Panel	177.5	120	3,781	0.007	10	149
VZW Unused Reserve (6561.54 sqin)	177.5	390	12,281	0.022	32	485
Samsung Outdoor CBRS 20W RRH –Clip-on Antenna	177.5	13	416	0.001	1	16
Samsung RT4401-48A	177.5	56	1,758	0.003	5	69
Flat Low Profile Platform	177	1,500	46,994	0.083	122	1,866
Commscope RDIDC-9181-PF-48	167	22	611	0.001	2	27
Fujitsu TA08025-B605	167	225	6,275	0.011	16	280
Fujitsu TA08025-B604	167	192	5,346	0.009	14	239
JMA Wireless MX08FRO665-21	167	194	5,397	0.010	14	241
Generic Flat Platform with Handrails	167	2,500	69,722	0.123	181	3,110
Ericsson 4460 BAND 2/25	157	327	8,060	0.014	21	407
Ericsson 4480 BAND 71	157	243	5,990	0.011	16	302
RFS SC2-W100BD	157	20	493	0.001	1	25
Commscope VV-65A-R1B	157	74	1,826	0.003	5	92
Ericsson AIR 6419 B41	157	250	6,160	0.011	16	311
RFS APXVAALL24 43-U-NA20	157	368	9,081	0.016	24	458
Generic Circular Platform with Handrails	157	2,900	71,482	0.126	185	3,608
		48,988	567,637	1.000	1,470	60,949

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)
45	177.25	34	1,078	0.002	3	29
44	176	139	4,297	0.008	11	119
43	172.5	357	10,629	0.019	28	306
42	168.5	221	6,288	0.011	16	190
41	166	155	4,279	0.008	11	133
40	162.5	399	10,527	0.018	27	341
39	158.5	246	6,189	0.011	16	211
38	156	179	4,354	0.008	11	153
37	152.5	458	10,644	0.019	28	392
36	147.5	473	10,281	0.018	27	404
35	142.5	487	9,898	0.017	26	417
34	137.5	502	9,497	0.017	25	430
33	134.6267	76	1,383	0.002	4	65
32	132.1267	960	16,757	0.030	43	821
31	129.8767	56	953	0.002	2	48
30	127.3767	698	11,328	0.020	29	598
29	122.5	756	11,347	0.020	29	647

Segment	Height Above Base (ft)	Weight (lb)	W_z (lb-ft)	C_{vx}	Horizontal Force (lb)	Vertical Force (lb)
28	117.5	779	10,748	0.019	28	666
27	112.5	801	10,135	0.018	26	685
26	107.5	823	9,512	0.017	25	704
25	102.5	845	8,883	0.016	23	724
24	97.5	868	8,249	0.014	21	743
23	92.92	739	6,381	0.011	17	632
22	90.42	304	2,485	0.004	6	260
21	87.5867	1,773	13,600	0.024	35	1,517
20	85.0867	36	261	0.000	1	31
19	82.5	1,054	7,175	0.013	19	902
18	77.5	1,080	6,488	0.011	17	924
17	72.5	1,106	5,814	0.010	15	947
16	67.5	1,132	5,159	0.009	13	969
15	62.5	1,158	4,525	0.008	12	991
14	57.5	1,184	3,916	0.007	10	1,014
13	52.5	1,210	3,336	0.006	9	1,036
12	49.44	275	671	0.001	2	235
11	46.94	1,950	4,296	0.008	11	1,669
10	43.565	1,464	2,778	0.005	7	1,253
9	41.065	601	1,014	0.002	3	515
8	37.5	1,432	2,014	0.004	5	1,226
7	32.5	1,462	1,544	0.003	4	1,251
6	27.5	1,492	1,128	0.002	3	1,277
5	22.5	1,522	770	0.001	2	1,302
4	17.5	1,552	475	0.001	1	1,328
3	12.5	1,581	247	0.000	1	1,353
2	7.5	1,611	91	0.000	0	1,379
1	2.5	1,641	10	0.000	0	1,404
Raycap RxxDC-3315-PF-48	177.5	43	1,348	0.002	3	37
Alcatel-Lucent B66A RRH4x45-4R w/ Solar Shield	177.5	170	5,369	0.010	14	146
Generic 56" x 12" Panel	177.5	240	7,562	0.013	20	205
Alcatel-Lucent B25 RRH4x30-4R	177.5	153	4,820	0.008	12	131
Samsung MT6407-77A	177.5	245	7,713	0.014	20	210
Generic 70" x 8" Panel	177.5	240	7,562	0.013	20	205
Samsung RF4440d-13A	177.5	211	6,645	0.012	17	180
Samsung RF4439d-25A	177.5	224	7,061	0.012	18	192
Raycap RRFDC-3315-PF-48	177.5	54	1,695	0.003	4	46
Andrew DB846H80E-SX	177.5	96	3,025	0.005	8	82
Andrew SBNHH-1D65A	177.5	245	7,732	0.014	20	210
Generic 76" x 8" Panel	177.5	120	3,781	0.007	10	103
VZW Unused Reserve (6561.54 sqin)	177.5	390	12,281	0.022	32	334
Samsung Outdoor CBRS 20W RRH –Clip-on Antenna	177.5	13	416	0.001	1	11
Samsung RT4401-48A	177.5	56	1,758	0.003	5	48
Flat Low Profile Platform	177	1,500	46,994	0.083	122	1,284
Commscope RDIDC-9181-PF-48	167	22	611	0.001	2	19
Fujitsu TA08025-B605	167	225	6,275	0.011	16	193
Fujitsu TA08025-B604	167	192	5,346	0.009	14	164
JMA Wireless MX08FRO665-21	167	194	5,397	0.010	14	166
Generic Flat Platform with Handrails	167	2,500	69,722	0.123	181	2,140
Ericsson 4460 BAND 2/25	157	327	8,060	0.014	21	280
Ericsson 4480 BAND 71	157	243	5,990	0.011	16	208
RFS SC2-W100BD	157	20	493	0.001	1	17
Commscope VV-65A-R1B	157	74	1,826	0.003	5	63
Ericsson AIR 6419 B41	157	250	6,160	0.011	16	214
RFS APXVAALL24 43-U-NA20	157	368	9,081	0.016	24	315
Generic Circular Platform with Handrails	157	2,900	71,482	0.126	185	2,482
		48,988	567,637	1.000	1,470	41,926

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

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	-58.91	-1.47	0.00	-224.58	0.00	224.58	6,522.07	1,601.42	8,317	7,709.86	0.00	0.00	0.04
5.00	-56.90	-1.48	0.00	-217.21	0.00	217.21	6,433.88	1,570.73	8,002	7,458.58	0.00	-0.01	0.04
10.00	-54.94	-1.49	0.00	-209.81	0.00	209.81	6,344.25	1,540.03	7,692	7,209.69	0.02	-0.02	0.04
15.00	-53.00	-1.49	0.00	-202.37	0.00	202.37	6,253.19	1,509.34	7,388	6,963.30	0.04	-0.03	0.04
20.00	-51.11	-1.50	0.00	-194.90	0.00	194.90	6,160.69	1,478.65	7,091	6,719.50	0.07	-0.03	0.04
25.00	-49.25	-1.50	0.00	-187.41	0.00	187.41	6,066.74	1,447.95	6,800	6,478.40	0.11	-0.04	0.04
30.00	-47.44	-1.50	0.00	-179.90	0.00	179.90	5,971.36	1,417.26	6,514	6,240.08	0.16	-0.05	0.04
35.00	-45.65	-1.51	0.00	-172.37	0.00	172.37	5,869.78	1,386.56	6,235	5,999.80	0.22	-0.06	0.04
40.00	-44.90	-1.51	0.00	-164.84	0.00	164.84	5,739.84	1,355.87	5,962	5,735.81	0.29	-0.07	0.04
42.13	-43.08	-1.50	0.00	-161.63	0.00	161.63	5,684.49	1,342.79	5,848	5,625.16	0.33	-0.08	0.04
45.00	-40.66	-1.49	0.00	-157.32	0.00	157.32	5,609.90	1,325.17	5,696	5,477.76	0.37	-0.08	0.04
48.88	-40.32	-1.49	0.00	-151.53	0.00	151.53	4,805.33	1,161.53	5,001	4,706.45	0.44	-0.09	0.04
50.00	-38.81	-1.49	0.00	-149.86	0.00	149.86	4,787.38	1,155.52	4,949	4,664.36	0.46	-0.09	0.04
55.00	-37.34	-1.48	0.00	-142.43	0.00	142.43	4,706.35	1,128.66	4,722	4,477.85	0.57	-0.10	0.04
60.00	-35.89	-1.47	0.00	-135.02	0.00	135.02	4,623.87	1,101.80	4,500	4,293.72	0.68	-0.11	0.04
65.00	-34.49	-1.47	0.00	-127.65	0.00	127.65	4,539.96	1,074.94	4,283	4,112.05	0.81	-0.13	0.04
70.00	-33.11	-1.45	0.00	-120.32	0.00	120.32	4,436.90	1,048.09	4,072	3,917.30	0.94	-0.14	0.04
75.00	-31.76	-1.44	0.00	-113.05	0.00	113.05	4,323.20	1,021.23	3,866	3,718.13	1.09	-0.15	0.04
80.00	-30.45	-1.42	0.00	-105.85	0.00	105.85	4,209.50	994.37	3,665	3,524.15	1.26	-0.16	0.04
85.00	-30.41	-1.43	0.00	-98.73	0.00	98.73	4,095.80	967.51	3,470	3,335.36	1.43	-0.17	0.04
85.17	-28.20	-1.39	0.00	-98.48	0.00	98.48	4,091.86	966.58	3,463	3,328.91	1.44	-0.17	0.04
90.00	-27.82	-1.38	0.00	-91.78	0.00	91.78	3,982.11	940.66	3,280	3,151.78	1.62	-0.19	0.04
90.84	-26.90	-1.37	0.00	-90.62	0.00	90.62	3,427.64	819.38	2,903	2,761.87	1.66	-0.19	0.04
95.00	-25.82	-1.35	0.00	-84.93	0.00	84.93	3,368.33	800.23	2,769	2,650.03	1.82	-0.20	0.04
100.00	-24.77	-1.33	0.00	-78.19	0.00	78.19	3,290.17	777.21	2,612	2,513.35	2.04	-0.21	0.04
105.00	-23.75	-1.30	0.00	-71.55	0.00	71.55	3,192.72	754.18	2,460	2,365.94	2.27	-0.23	0.04
110.00	-22.75	-1.28	0.00	-65.03	0.00	65.03	3,095.26	731.16	2,312	2,222.99	2.51	-0.24	0.04
115.00	-21.78	-1.25	0.00	-58.63	0.00	58.63	2,997.81	708.14	2,169	2,084.50	2.77	-0.25	0.04
120.00	-20.84	-1.22	0.00	-52.37	0.00	52.37	2,900.35	685.12	2,030	1,950.45	3.05	-0.27	0.03
125.00	-19.97	-1.19	0.00	-46.25	0.00	46.25	2,802.90	662.10	1,896	1,820.86	3.33	-0.28	0.03
129.75	-19.90	-1.19	0.00	-40.57	0.00	40.57	2,710.25	640.22	1,773	1,701.80	3.62	-0.29	0.03
130.00	-18.71	-1.15	0.00	-40.28	0.00	40.28	2,705.44	639.08	1,766	1,695.73	3.63	-0.29	0.03
134.25	-18.61	-1.14	0.00	-35.40	0.00	35.40	1,689.95	421.70	1,153	1,052.58	3.90	-0.30	0.05
135.00	-17.99	-1.12	0.00	-34.55	0.00	34.55	1,683.70	419.41	1,141	1,042.94	3.95	-0.31	0.04
140.00	-17.38	-1.10	0.00	-28.95	0.00	28.95	1,641.04	404.06	1,059	979.01	4.28	-0.32	0.04
145.00	-16.79	-1.07	0.00	-23.47	0.00	23.47	1,596.93	388.72	980	916.20	4.62	-0.34	0.04
150.00	-16.22	-1.04	0.00	-18.12	0.00	18.12	1,551.39	373.37	904	854.62	4.98	-0.35	0.03
155.00	-16.00	-1.03	0.00	-12.90	0.00	12.90	1,504.40	358.02	831	794.36	5.36	-0.36	0.03
157.00	-10.49	-0.72	0.00	-10.84	0.00	10.84	1,485.21	351.88	803	770.64	5.51	-0.37	0.02
160.00	-10.00	-0.69	0.00	-8.70	0.00	8.70	1,450.65	342.67	762	732.82	5.74	-0.37	0.02
165.00	-9.80	-0.67	0.00	-5.27	0.00	5.27	1,385.68	327.33	695	668.34	6.14	-0.38	0.02
167.00	-5.63	-0.40	0.00	-3.92	0.00	3.92	1,359.70	321.19	669	643.37	6.29	-0.38	0.01
170.00	-5.19	-0.37	0.00	-2.71	0.00	2.71	1,320.71	311.98	631	606.82	6.53	-0.38	0.01
175.00	-5.02	-0.36	0.00	-0.84	0.00	0.84	1,255.74	296.63	571	548.27	6.94	-0.38	0.01
177.00	-3.11	-0.22	0.00	-0.11	0.00	0.11	1,229.76	290.49	547	525.69	7.10	-0.39	0.00
177.50	0.00	-0.20	0.00	0.00	0.00	0.00	1,223.26	288.96	542	520.11	7.14	-0.39	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	-40.52	-1.47	0.00	-220.46	0.00	220.46	6,522.07	1,601.42	8,317	7,709.86	0.00	0.00	0.04
5.00	-39.14	-1.48	0.00	-213.11	0.00	213.11	6,433.88	1,570.73	8,002	7,458.58	0.00	-0.01	0.04
10.00	-37.79	-1.48	0.00	-205.72	0.00	205.72	6,344.25	1,540.03	7,692	7,209.69	0.02	-0.02	0.03
15.00	-36.46	-1.49	0.00	-198.32	0.00	198.32	6,253.19	1,509.34	7,388	6,963.30	0.04	-0.02	0.03
20.00	-35.16	-1.49	0.00	-190.89	0.00	190.89	6,160.69	1,478.65	7,091	6,719.50	0.07	-0.03	0.03
25.00	-33.88	-1.49	0.00	-183.45	0.00	183.45	6,066.74	1,447.95	6,800	6,478.40	0.11	-0.04	0.03
30.00	-32.63	-1.49	0.00	-176.01	0.00	176.01	5,971.36	1,417.26	6,514	6,240.08	0.16	-0.05	0.03
35.00	-31.40	-1.49	0.00	-168.56	0.00	168.56	5,869.78	1,386.56	6,235	5,999.80	0.22	-0.06	0.03
40.00	-30.89	-1.49	0.00	-161.12	0.00	161.12	5,739.84	1,355.87	5,962	5,735.81	0.29	-0.07	0.03
42.13	-29.64	-1.48	0.00	-157.95	0.00	157.95	5,684.49	1,342.79	5,848	5,625.16	0.32	-0.07	0.03
45.00	-27.97	-1.47	0.00	-153.69	0.00	153.69	5,609.90	1,325.17	5,696	5,477.76	0.37	-0.08	0.03
48.88	-27.73	-1.47	0.00	-147.98	0.00	147.98	4,805.33	1,161.53	5,001	4,706.45	0.43	-0.09	0.04
50.00	-26.70	-1.47	0.00	-146.33	0.00	146.33	4,787.38	1,155.52	4,949	4,664.36	0.45	-0.09	0.04
55.00	-25.68	-1.46	0.00	-139.00	0.00	139.00	4,706.35	1,128.66	4,722	4,477.85	0.55	-0.10	0.04
60.00	-24.69	-1.45	0.00	-131.71	0.00	131.71	4,623.87	1,101.80	4,500	4,293.72	0.67	-0.11	0.04
65.00	-23.72	-1.44	0.00	-124.46	0.00	124.46	4,539.96	1,074.94	4,283	4,112.05	0.79	-0.12	0.04

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
70.00	-22.77	-1.43	0.00	-117.26	0.00	117.26	4,436.90	1,048.09	4,072	3,917.30	0.92	-0.13	0.04
75.00	-21.85	-1.41	0.00	-110.13	0.00	110.13	4,323.20	1,021.23	3,866	3,718.13	1.07	-0.15	0.04
80.00	-20.95	-1.40	0.00	-103.07	0.00	103.07	4,209.50	994.37	3,665	3,524.15	1.23	-0.16	0.03
85.00	-20.92	-1.40	0.00	-96.09	0.00	96.09	4,095.80	967.51	3,470	3,335.36	1.40	-0.17	0.03
85.17	-19.40	-1.36	0.00	-95.85	0.00	95.85	4,091.86	966.58	3,463	3,328.91	1.41	-0.17	0.03
90.00	-19.14	-1.35	0.00	-89.29	0.00	89.29	3,982.11	940.66	3,280	3,151.78	1.59	-0.18	0.03
90.84	-18.51	-1.34	0.00	-88.15	0.00	88.15	3,427.64	819.38	2,903	2,761.87	1.62	-0.18	0.04
95.00	-17.76	-1.32	0.00	-82.59	0.00	82.59	3,368.33	800.23	2,769	2,650.03	1.78	-0.19	0.04
100.00	-17.04	-1.30	0.00	-76.00	0.00	76.00	3,290.17	777.21	2,612	2,513.35	1.99	-0.21	0.04
105.00	-16.33	-1.27	0.00	-69.52	0.00	69.52	3,192.72	754.18	2,460	2,365.94	2.22	-0.22	0.04
110.00	-15.65	-1.25	0.00	-63.15	0.00	63.15	3,095.26	731.16	2,312	2,222.99	2.46	-0.23	0.03
115.00	-14.98	-1.22	0.00	-56.92	0.00	56.92	2,997.81	708.14	2,169	2,084.50	2.71	-0.25	0.03
120.00	-14.34	-1.19	0.00	-50.82	0.00	50.82	2,900.35	685.12	2,030	1,950.45	2.98	-0.26	0.03
125.00	-13.74	-1.16	0.00	-44.86	0.00	44.86	2,802.90	662.10	1,896	1,820.86	3.26	-0.27	0.03
129.75	-13.69	-1.16	0.00	-39.34	0.00	39.34	2,710.25	640.22	1,773	1,701.80	3.53	-0.29	0.03
130.00	-12.87	-1.11	0.00	-39.05	0.00	39.05	2,705.44	639.08	1,766	1,695.73	3.55	-0.29	0.03
134.25	-12.80	-1.11	0.00	-34.31	0.00	34.31	1,689.95	421.70	1,153	1,052.58	3.81	-0.30	0.04
135.00	-12.37	-1.09	0.00	-33.48	0.00	33.48	1,683.70	419.41	1,141	1,042.94	3.85	-0.30	0.04
140.00	-11.96	-1.06	0.00	-28.04	0.00	28.04	1,641.04	404.06	1,059	979.01	4.18	-0.31	0.04
145.00	-11.55	-1.04	0.00	-22.73	0.00	22.73	1,596.93	388.72	980	916.20	4.51	-0.33	0.03
150.00	-11.16	-1.01	0.00	-17.55	0.00	17.55	1,551.39	373.37	904	854.62	4.86	-0.34	0.03
155.00	-11.01	-1.00	0.00	-12.50	0.00	12.50	1,504.40	358.02	831	794.36	5.23	-0.35	0.02
157.00	-7.22	-0.69	0.00	-10.50	0.00	10.50	1,485.21	351.88	803	770.64	5.38	-0.36	0.02
160.00	-6.88	-0.66	0.00	-8.42	0.00	8.42	1,450.65	342.67	762	732.82	5.60	-0.36	0.02
165.00	-6.74	-0.65	0.00	-5.10	0.00	5.10	1,385.68	327.33	695	668.34	5.99	-0.37	0.01
167.00	-3.87	-0.39	0.00	-3.80	0.00	3.80	1,359.70	321.19	669	643.37	6.14	-0.37	0.01
170.00	-3.57	-0.36	0.00	-2.62	0.00	2.62	1,320.71	311.98	631	606.82	6.37	-0.37	0.01
175.00	-3.45	-0.35	0.00	-0.81	0.00	0.81	1,255.74	296.63	571	548.27	6.77	-0.37	0.00
177.00	-2.14	-0.22	0.00	-0.11	0.00	0.11	1,229.76	290.49	547	525.69	6.92	-0.37	0.00
177.50	0.00	-0.20	0.00	0.00	0.00	0.00	1,223.26	288.96	542	520.11	6.96	-0.37	0.00

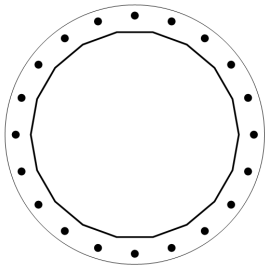
ANALYSIS SUMMARY

	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	30.44	0.00	58.74	0.00	0.00	4115.73	134.25	0.66
0.9D + 1.0W	30.42	0.00	44.05	0.00	0.00	4055.53	134.25	0.64
1.2D + 1.0Di + 1.0Wi	7.83	0.00	75.59	0.00	0.00	1045.99	134.25	0.18
1.2D + 1.0Ev + 1.0Eh	1.51	0.00	58.91	0.00	0.00	224.58	134.25	0.04
0.9D - 1.0Ev + 1.0Eh	1.49	0.00	40.52	0.00	0.00	220.46	134.25	0.04
1.0D + 1.0W	6.48	0.00	48.99	0.00	0.00	869.15	134.25	0.15

BASE PLATE ANALYSIS @ 0 FT

PLATE PARAMETERS (ID# 537)

Diameter:	73	in
Shape:	Round	
Thickness:	2.25	in
Grade:	A572-60	
Yield Strength:	60	ksi
Tensile Strength:	75	ksi
Rod Detail Type:	d	
Clear Distance	3.25	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# 8001]	Radial	20	2.25	67	A615-75	75	100	-	-

ANCHOR ROD GEOMETRY AND APPLIED LOADS --- ORIGINAL (20) 2.25"ø [ID 8001]

Position	Radians	X (in)	Y (in)	Moment Arm (in)	Inertia (in^4)	Axial Load (k)	Shear Load (k)
1	0.314	31.86	10.35	26.040	2203.078	127.39	1.42
2	0.628	27.10	19.69	18.919	1163.320	127.39	1.95
3	0.942	19.69	27.10	9.946	322.141	127.39	2.29
4	1.257	10.35	31.86	0.000	0.839	127.39	2.41
5	1.571	0.00	33.50	-9.946	322.141	-115.64	2.29
6	1.885	-10.35	31.86	-18.919	1163.323	-115.64	1.95
7	2.199	-19.69	27.10	-26.040	2203.078	-115.64	1.42
8	2.513	-27.10	19.69	-30.612	3044.257	-115.64	0.74
9	2.827	-31.86	10.35	-32.188	3365.560	-115.64	0.00
10	3.142	-33.50	0.00	-30.612	3044.257	-115.64	0.74
11	3.456	-31.86	-10.35	-26.040	2203.077	-115.64	1.42
12	3.770	-27.10	-19.69	-18.919	1163.322	-115.64	1.95
13	4.084	-19.69	-27.10	-9.946	322.142	-115.64	2.29
14	4.398	-10.35	-31.86	0.000	0.839	127.39	2.41
15	4.712	0.00	-33.50	9.946	322.142	127.39	2.29
16	5.027	10.35	-31.86	18.919	1163.321	127.39	1.95
17	5.341	19.69	-27.10	26.040	2203.079	127.39	1.42
18	5.655	27.10	-19.69	30.612	3044.258	127.39	0.74
19	5.969	31.86	-10.35	32.188	3365.560	127.39	0.00
20	6.283	33.50	0.00	30.612	3044.258	127.39	0.74

REACTION DISTRIBUTION

Component	ID	Moment Mu (k-ft)	Axial Load Pu (k)	Shear Vu (k)	Moment Factor
Pole	58"ø x 0.5" (18 Sides)	4115.7	58.74	30.44	1.000
Bolt Group	Original (20) 2.25"ø	4115.7	-	30.44	1.000
	TOTALS	**4115.73**	**58.74**	**30.44**	

COMPONENT PROPERTIES

Component	ID	Gross Area (in^2)	Net Area (in^2)	Individual Inertia (in^4)	Moment of Inertia (in^4)	Threads/in
Pole	58"ø x 0.5" (18 Sides)	89.8629	-	-	37146.19	-
Bolt Group	Original (20) 2.25"ø	3.9761	3.2477	0.8393	33663.99	4.5

EXTERNAL BASE PLATE BEND LINE ANALYSIS @ 0 FT

POLE PROPERTIES

Flat-to-Flat Diameter:	58.12	in
Point-to-Point Diameter:	59.02	in
Flat Width:	10.249	in
Flat Radians:	0.349	rad

PLATE PROPERTIES

Neutral Axis:	252	°
Bend Line Lower Limit:	5.497	rad
Bend Line Upper Limit:	0.158	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	39.702	0.00	50.248	949.6	2713.4	0.350
Corner	38.356	0.00	48.545	746.1	2621.4	0.285
Circumferential	45.233	0.00	57.248	1214.9	3091.4	0.393

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	127.4	2.4	243.6	0.543

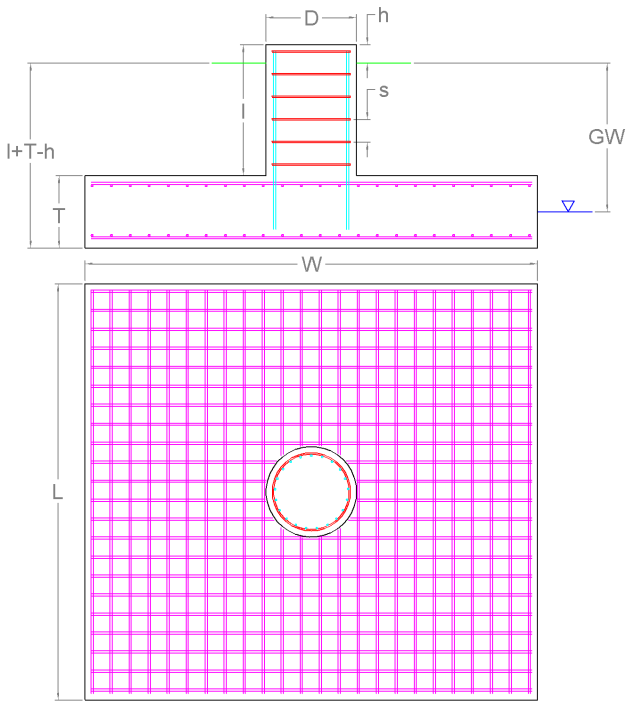
Monolithic Mat Foundation Analysis (ANSI/TIA-222-H)

Foundation & Tower Parameters			
Ignore Mat Rebar?		N	
Ignore Pier Rebar?		N	
Foundation has Pier(s)?		Y	
Pier Shape		Round	
Pier Diameter	*D*	7.5	ft
Pier Height Above Ground	*h*	1	ft
Pier Length	*l*	5	ft
Mat Base Depth	*l+T-h*	7	ft
Mat Length	*L*	26	ft
Mat Width	*W*	26	ft
Mat Thickness	*T*	3	ft
Unit Weight of Concrete		150	pcf
Tower Eccentricity	ecc	0	ft
Tower Face Width	FW	4.83	ft
Tower Leg Count		1	

Soil Parameters			
Water Table Depth [BGL]	*GW*	17	ft
Unit Weight of Soil		125	pcf
Unit Weight of Soil [Submerged]		62.6	pcf
Shear Friction Coefficient		0.2	
Ultimate Bearing Pressure		12,000	psf
Bearing Pressure Type		Net	
Conical Failure Angle		30	°
Capacity Increase (Transient Loads)		1.00	
Soil Strength Reduction Factor, ϕ_s		0.75	
Dead Load Factor		1.2	

Soil Capacities		
Design Moment, M_u	4,359.25	k-ft
Nominal Moment Capacity, $\phi_m M_n$	8,702.05	k-ft
$M_u / \phi_s M_n$	**50.1%**	
Net Bearing Pressure	1,995	k
Nominal Bearing Capacity, $\phi_b P_n$	9,656	k
Bearing Pressure Controlling Load Direction	Diagonal to Pad Edge	
$P_u / \phi_s P_n$	**20.7%**	
Ultimate Friction Resistance	140.44	k
Ultimate Passive Pressure Resistance	53.62	k
Nominal Shear Capacity, $\phi_s V_n$	145.55	k
$V_u / \phi_s V_n$	**21.0%**	

Reactions		
Moment, M_u	4,115.73	k-ft
Shear, V_u	30.44	k
Axial, P_u	58.74	k
Uplift, T_u	0	k
Tower Weight	58.74	k
Tower Dead Load Factor	0.9	



Mat Reinforcement Parameters		
Concrete Compressive Strength, f'_c	4,000	psi
Mat Rebar Quantity [Lower]	44	
Mat Rebar Size # [Lower]	8	
Mat Single Rebar Area [Lower]	0.79	in^2
Mat Rebar Quantity [Upper]	22	
Mat Rebar Size # [Upper]	8	
Mat Single Rebar Area [Upper]	0.79	in^2
Mat Rebar Yield Strength, F_y	60	ksi
Mat Clear Cover	3	in
Bending Reduction Factor, ϕ_B	0.9	
Shear Reduction Factor, ϕ_V	0.75	
Compression Reduction Factor, ϕ_C	0.65	
Steel Elastic Modulus	29,000	ksi

Mat Reinforcement Capacities		
Compression Zone Factor, β_1	0.85	
Lower Reinforcement Spacing	7.1	in
Upper Reinforcement Spacing	14.55	in
One Way Design Shear, V_u	160.38	k
One Way Shear Capacity, ϕV_c	871.98	k
One Way Shear Controlling Load Direction	Diagonal to Pad Edge	
$V_u / \phi V_c$	**18.4%**	
Punching Design Shear Stress, v_u	44.99	psi
Punching Shear Capacity, $\phi_c V_n$	189.74	psi
$v_u / \phi_c V_n$	**23.7%**	
Moment Transfer Effective Flexural Width, $_f$	16.5	in
Neutral Axis Depth	2.03	In
Moment Transfer Flexural Capacity, $\phi M_{sc,f}$	38,345.82	k-in
$\gamma_f M_{sc} / \phi M_{sc,f}$	**0.0%**	
Flexure Due to Soil Pressure, M_u	1,599.5	k-ft
Lower Steel Mat Moment Capacity, ϕM_n	4,874.74	k-ft
Flexural Steel Controlling Load Direction	Parallel to Pad Edge	
$M_u / \phi M_n$	**32.8%**	
Flexure Due to Uplift, M_u	1,056.7	k-ft
Upper Steel Mat Moment Capacity, ϕM_n	2,470.04	k-ft
$M_u / \phi M_n$	**42.8%**	

Pier Reinforcement Parameters			
Concrete Compressive Strength (f'_c)		4,000	psi
Pier Rebar Quantity		50	
Pier Rebar Size #		8	
Pier Single Rebar Area		0.79	in^2
Pier Rebar Yield Strength (F_y)		60	ksi
Tie Rebar Size #		4	
Tie Rebar Area (Single)		0.2	in^2
Tie Rebar Spacing	*s*	6	in
Tie Rebar Yield Strength (F_y)		60	ksi
Rebar Cage Diameter		82	in

Pier Reinforcement Capacities		
Design Moment (M_u)	4,267.93	k-ft
Nominal Moment Capacity ($\phi_B M_n$)	7,126.25	k-ft
$M_u / \phi_B M_n$	**59.9%**	
Design Shear (V_u)	30.44	k
Nominal Shear Capacity ($\phi_V V_n$)	822.31	k
$V_u / \phi_V V_n$	**3.7%**	
Design Compression (P_u)	58.74	k
Nominal Compression Capacity ($\phi_P P_n$)	11,202.34	k
$P_u / \phi_P P_n$	**0.5%**	
Pier Reinforcement Ratio	0	-
$M_u / \phi_B M_n + T_u / \phi_T T_n$	**59.9%**	

Exhibit E

AMERICAN TOWER®
CORPORATION

This report was prepared for American Tower Corporation by

ENGINEERED
TOWER SOLUTIONS

Antenna Mount Analysis Report

ATC Site Name	:	**SALEM CT SQA**
ATC Site Number	:	**411184**
Engineering Number	:	**14099773_C8_02**
ETS, PLLC Job Number	:	**22107101.STR.5861**
Mount Elevation	:	**157 ft**
Carrier	:	**T-MOBILE**
Carrier Site Name	:	**West Rd East Haddam ATC**
Carrier Site Number	:	**CTHA347B**
Site Location	:	**399 West Road** **Salem, CT 06420** **41.48781892, -72.31321833**
County	:	**New London**
Date	:	**May 16, 2022**
Max Usage	:	**77%**
Result	:	**Pass**

Prepared By:

Andre Trevizan
Structural Engineer I

Reviewed By:

Frederic Bost, PE
Chief Technical Officer

Table of Contents

Introduction

The purpose of this report is to summarize results of the antenna mount analysis performed for T-Mobile at 157 ft.

Supporting Documents

RFDS	RFDS dated February 28, 2022
Spec Sheet	Perfect Vision Document #RP-ENG-01-R6, dated August 11, 2021

Analysis

This antenna mount was analyzed using RISA-3D v17.0.4 analysis software.

Basic Wind Speed:	123 mph (3-Second Gust)
Basic Wind Speed w/ Ice:	50 mph (3-second gust) w/ 1.00" radial ice concurrent
Codes:	ANSI/TIA-222-H
Structure Class:	II
Exposure Category:	B
Topographic Factor Procedure:	Method 2
Feature:	Flat
Crest Height (H):	0 ft
Crest Length (L):	0 ft
Spectral Response:	Ss = 0.207, S_1 = 0.055
Site Class:	D - Default
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. The mount can support the equipment as described in this report. Analysis is based on Perfect Vision PV-RP14 Mount.

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

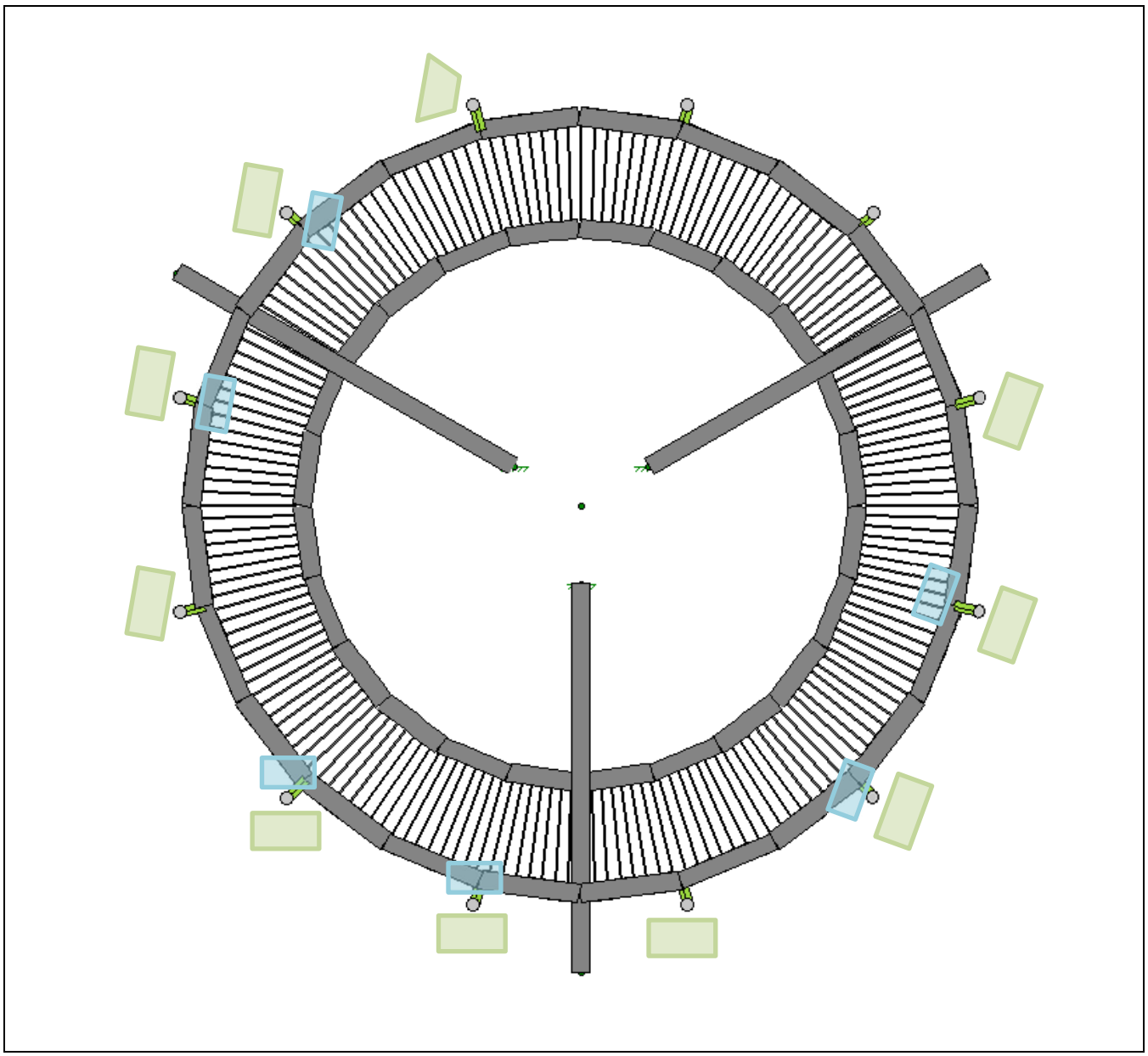
Antenna Loading

Mount Centerline (ft)	Antenna Centerline (ft)	Qty	Antenna Model
157.0	157.0	3	Ericsson AIR 6419 B41
		3	Commscope VV-65A-R1B
		3	RFS APXVAALL24 43-U-NA20
		1	RFS SC2-W100BD
		3	Ericsson 4460 BAND 2/25
		3	Ericsson 4480 BAND 71

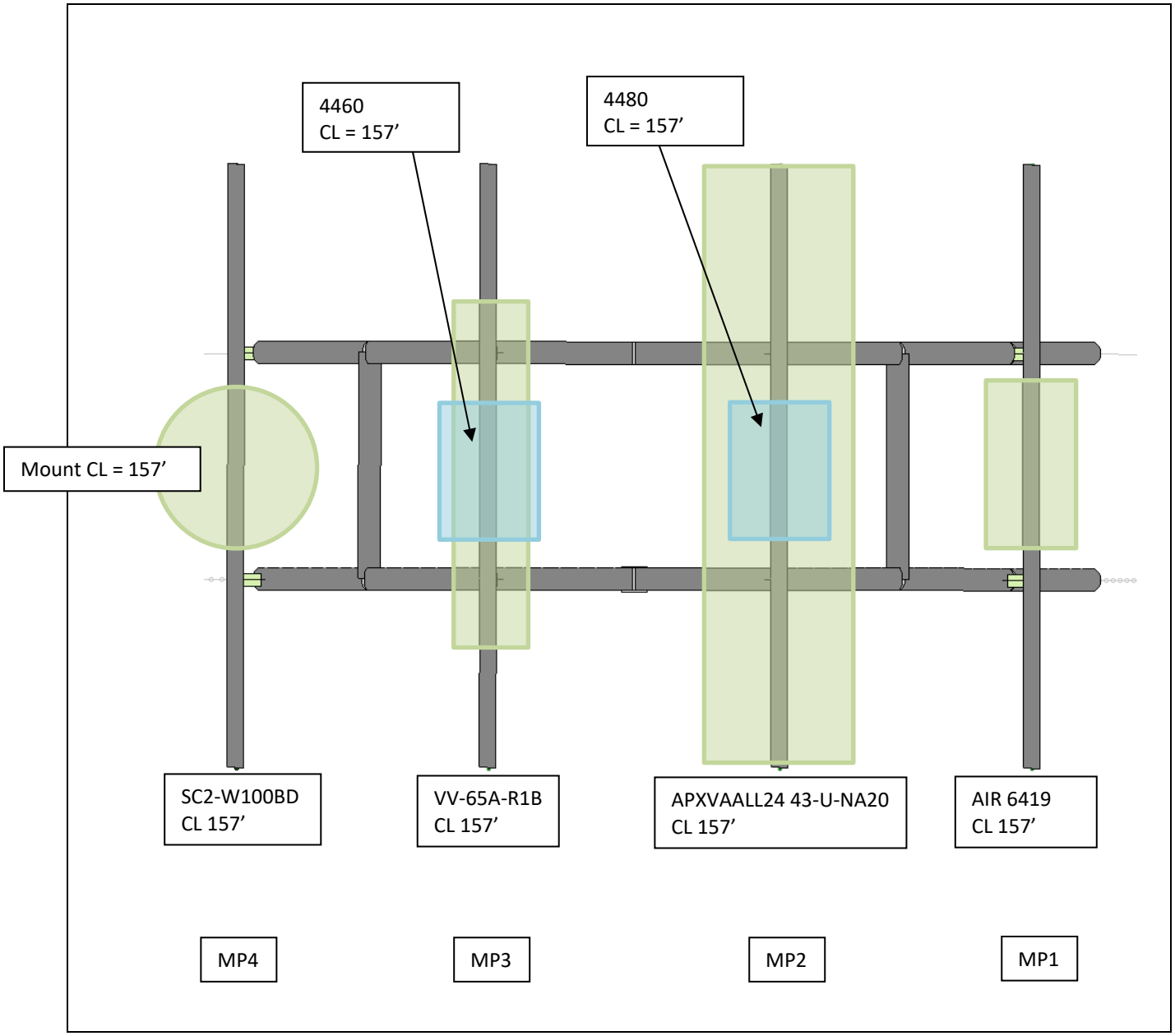
Structure Usages

Structural Component	Controlling Usage	Pass/Fail
Horizontals	77%	Pass
Verticals	14%	Pass
Mount Pipes	44%	Pass
Mount to Tower Connection	37%	Pass

Mount Layout



Equipment Layout



*Alpha sector shown above (all sectors not typical)

Standard Conditions

All engineering services performed by Engineered Tower Solutions, 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 ETS, PLLC

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

The antenna mounting system was properly fabricated, installed and maintained in good condition in accordance with its original design and manufacturer's specification.

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.

Steel grades have been assumed as follows, unless noted otherwise:

Channel, Solid Round, Angle, Plate, Threaded Rod	ASTM A36 (Gr. 36)
HSS (Rectangular)	ASTM A500 (Gr. B-46)
HSS (Round)	ASTM A500 (Gr. B-42)
Pipe	ASTM A53 (Gr. 35)
Connection Bolts	ASTM A325
U-Bolt	SAE J429 (Gr. 2)

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

TIA-222-H Mount Load Generator

Site Inputs	
Mount Support (Tower, or Building Support)?	Tower
Risk Category (TIA Table 2-1)	II
Exposure Category	B
Basic Wind Speed without Ice, V	123 mph
Basic Wind Speed with Ice, V_i	50 mph
Design of Ice, δ_{ice}	56 pcf
Design Ice Thickness, t_i	1.00 in
Basic Wind Speed (Maintenance)	30 mph
Maintenance Load, L_m	500 lb
Maintenance Load, L_v	250 lb
Height of Structure, h	178.0 ft
Mount Centerline, h_m	157.0 ft
Topographic Factor, K_{zt}	1.00
Rooftop Wind Speed-Up Factor, K_s	1.00
Mean Elevation of base of structure above sea level, z_s	566 ft
Ground Elevation Factor, K_e	0.98
Wind Direction Probability Factor, K_d	0.95
Gust Response Factor, G_h	1.00
Shielding Factor for Appurtenances, K_a	0.90

Seismic Design Input/Output	
0.207	Spectral response acceleration at short periods, S_s
0.055	Spectral response acceleration at a period of 1 second, S_1
D	Soil Site Class
1.600	Short-period site coefficient, F_a
2.400	Long-period site coefficient, F_v
0.221	Design spectral response acceleration at short periods, S_{DS}
0.088	Design spectral response acceleration at a period of 1 second, S_{D1}
2.00	Response modification coefficient, R
1.00	Earthquake amplification factor, A_s
1.00	Importance Factor
0.1104	Seismic Response Coefficient, C_s
Eh = 0.110 W	Total Seismic Shear Force, $E_h = \rho Q_E$ ($Q_E = \rho C_s$ W A_s & ρ = 1.0)
Ev = 0.044 D	Vertical Seismic Load Effect, $E_v = 0.2 S_{DS}$ D A_s

Output File Name: 411184_14099773_T-Mobile

Mount Pipe Information							Mount Pipe Forces					
Mount Pipe	Mount Location	Vertical Offset	Length	Diameter	Weight	Shape	Front Design Wind Force, F_A	Side Design Wind Force, F_A	Design Ice Thickness, t_{iz}	Ice Weight	Front Design Wind Force on Ice, F_A	Side Design Wind Force on Ice, F_A
P 2 SCH 40 x 96	MP1	0.00 ft	96.00 in	2.38 in	29.25 lb	Round	0.07 lb	76.99 lb	1.169 in	40.48 lb	0.53 lb	23.88 lb
P 2 SCH 40 x 96	MP2	0.00 ft	96.00 in	2.38 in	29.25 lb	Round	27.60 lb	76.99 lb	1.169 in	40.48 lb	9.56 lb	23.88 lb
P 2 SCH 40 x 96	MP3	0.00 ft	96.00 in	2.38 in	29.25 lb	Round	39.90 lb	76.99 lb	1.169 in	40.48 lb	13.60 lb	23.88 lb
P 2 SCH 40 x 96	MP4	0.00 ft	96.00 in	2.38 in	29.25 lb	Round	0.07 lb	76.99 lb	1.169 in	40.48 lb	0.53 lb	23.88 lb
P 2 SCH 40 x 96	MP5	0.00 ft	96.00 in	2.38 in	29.25 lb	Round	27.60 lb	76.99 lb	1.169 in	40.48 lb	9.56 lb	23.88 lb
P 2 SCH 40 x 96	MP6	0.00 ft	96.00 in	2.38 in	29.25 lb	Round	64.16 lb	76.99 lb	1.169 in	40.48 lb	21.55 lb	23.88 lb
P 2 SCH 40 x 96	MP7	0.00 ft	96.00 in	2.38 in	29.25 lb	Round	76.99 lb	76.99 lb	1.169 in	40.48 lb	23.88 lb	23.88 lb
P 2 SCH 40 x 96	MP8	0.00 ft	96.00 in	2.38 in	29.25 lb	Round	76.99 lb	76.99 lb	1.169 in	40.48 lb	23.88 lb	23.88 lb
P 2 SCH 40 x 96	MP9	0.00 ft	96.00 in	2.38 in	29.25 lb	Round	39.90 lb	76.99 lb	1.169 in	40.48 lb	13.60 lb	23.88 lb
P 2 SCH 40 x 96	MP10	0.00 ft	96.00 in	2.38 in	29.25 lb	Round	0.07 lb	76.99 lb	1.169 in	40.48 lb	0.53 lb	23.88 lb
P 2 SCH 40 x 96	MP11	0.00 ft	96.00 in	2.38 in	29.25 lb	Round	27.60 lb	76.99 lb	1.169 in	40.48 lb	9.56 lb	23.88 lb
P 2 SCH 40 x 96	MP12	0.00 ft	96.00 in	2.38 in	29.25 lb	Round	39.90 lb	76.99 lb	1.169 in	40.48 lb	13.60 lb	23.88 lb

Engineered Tower Solutions, PLLC
3227 Wellington Court
Raleigh, NC 27615

Appurtenance Information - MP1							Appurtenance Forces - MP1					
Appurtenance	Quantity	Vertical Offset	Length	Width	Depth	Weight	Front Design Wind Force, F_A	Side Design Wind Force, F_A	Design Ice Thickness, t_{iz}	Ice Weight	Front Design Wind Force on Ice, F_A	Side Design Wind Force on Ice, F_A
RFS APXVAALL24 43-U-NA20	1	0.00 ft	95.90 in	24.00 in	8.50 in	122.80 lb	820.30 lb	353.89 lb	1.169 in	303.89 lb	142.05 lb	65.49 lb
Ericsson 4480BAND 71	1	0.00 ft	22.00 in	15.70 in	7.50 in	81.00 lb	116.64 lb	56.61 lb	1.169 in	48.61 lb	21.13 lb	11.63 lb

Appurtenance Information - MP2							Appurtenance Forces - MP2					
Appurtenance	Quantity	Vertical Offset	Length	Width	Depth	Weight	Front Design Wind Force, F_A	Side Design Wind Force, F_A	Design Ice Thickness, t_{iz}	Ice Weight	Front Design Wind Force on Ice, F_A	Side Design Wind Force on Ice, F_A
Commscope VV-65A-R1B	1	0.00 ft	54.70 in	12.00 in	4.60 in	24.70 lb	238.56 lb	110.68 lb	1.169 in	91.26 lb	43.18 lb	22.40 lb
Ericsson 4460 BAND 2/25	1	0.00 ft	19.60 in	15.70 in	12.10 in	109.00 lb	103.92 lb	80.09 lb	1.169 in	48.96 lb	18.94 lb	15.82 lb

Appurtenance Information - MP3							Appurtenance Forces - MP3					
Appurtenance	Quantity	Vertical Offset	Length	Width	Depth	Weight	Front Design Wind Force, F_A	Side Design Wind Force, F_A	Design Ice Thickness, t_{iz}	Ice Weight	Front Design Wind Force on Ice, F_A	Side Design Wind Force on Ice, F_A
Ericsson AIR 6419 B41	1	0.00 ft	36.30 in	20.90 in	9.00 in	83.30 lb	256.20 lb	116.59 lb	1.169 in	103.34 lb	45.28 lb	22.57 lb

Appurtenance Information - MP4							Appurtenance Forces - MP4					
Appurtenance	Quantity	Vertical Offset	Length	Width	Depth	Weight	Front Design Wind Force, F_A	Side Design Wind Force, F_A	Design Ice Thickness, t_{iz}	Ice Weight	Front Design Wind Force on Ice, F_A	Side Design Wind Force on Ice, F_A
RFS APXVAALL24 43-U-NA20	1	0.00 ft	95.90 in	24.00 in	8.50 in	122.80 lb	820.30 lb	353.89 lb	1.169 in	303.89 lb	142.05 lb	65.49 lb
Ericsson 4480BAND 71	1	0.00 ft	22.00 in	15.70 in	7.50 in	81.00 lb	116.64 lb	56.61 lb	1.169 in	48.61 lb	21.13 lb	11.63 lb

Appurtenance Information - MP5							Appurtenance Forces - MP5					
Appurtenance	Quantity	Vertical Offset	Length	Width	Depth	Weight	Front Design Wind Force, F_A	Side Design Wind Force, F_A	Design Ice Thickness, t_{iz}	Ice Weight	Front Design Wind Force on Ice, F_A	Side Design Wind Force on Ice, F_A
Commscope VV-65A-R1B	1	0.00 ft	54.70 in	12.00 in	4.60 in	24.70 lb	238.56 lb	110.68 lb	1.169 in	91.26 lb	43.18 lb	22.40 lb
Ericsson 4460 BAND 2/25	1	0.00 ft	19.60 in	15.70 in	12.10 in	109.00 lb	103.92 lb	80.09 lb	1.169 in	48.96 lb	18.94 lb	15.82 lb

Appurtenance Information - MP6							Appurtenance Forces - MP6					
Appurtenance	Quantity	Vertical Offset	Length	Width	Depth	Weight	Front Design Wind Force, F_A	Side Design Wind Force, F_A	Design Ice Thickness, t_{iz}	Ice Weight	Front Design Wind Force on Ice, F_A	Side Design Wind Force on Ice, F_A
RFS SC2-W100BD	1	0.00 ft	26.40 in	26.40 in	11.64 in	20.00 lb	0.00 lb	0.00 lb	1.169 in	54.05 lb	0.00 lb	0.00 lb

Appurtenance Information - MP9							Appurtenance Forces - MP9					
Appurtenance	Quantity	Vertical Offset	Length	Width	Depth	Weight	Front Design Wind Force, F_A	Side Design Wind Force, F_A	Design Ice Thickness, t_{iz}	Ice Weight	Front Design Wind Force on Ice, F_A	Side Design Wind Force on Ice, F_A
Ericsson AIR 6419 B41	1	0.00 ft	36.30 in	20.90 in	9.00 in	83.30 lb	256.20 lb	116.59 lb	1.169 in	103.34 lb	45.28 lb	22.57 lb

Appurtenance Information - MP10							Appurtenance Forces - MP10					
Appurtenance	Quantity	Vertical Offset	Length	Width	Depth	Weight	Front Design Wind Force, F_A	Side Design Wind Force, F_A	Design Ice Thickness, t_{iz}	Ice Weight	Front Design Wind Force on Ice, F_A	Side Design Wind Force on Ice, F_A
RFS APXVAALL24 43-U-NA20	1	0.00 ft	95.90 in	24.00 in	8.50 in	122.80 lb	820.30 lb	353.89 lb	1.169 in	303.89 lb	142.05 lb	65.49 lb
Ericsson 4480BAND 71	1	0.00 ft	22.00 in	15.70 in	7.50 in	81.00 lb	116.64 lb	56.61 lb	1.169 in	48.61 lb	21.13 lb	11.63 lb

Appurtenance Information - MP11							Appurtenance Forces - MP11					
Appurtenance	Quantity	Vertical Offset	Length	Width	Depth	Weight	Front Design Wind Force, F_A	Side Design Wind Force, F_A	Design Ice Thickness, t_{iz}	Ice Weight	Front Design Wind Force on Ice, F_A	Side Design Wind Force on Ice, F_A
Commscope VV-65A-R1B	1	0.00 ft	54.70 in	12.00 in	4.60 in	24.70 lb	238.56 lb	110.68 lb	1.169 in	91.26 lb	43.18 lb	22.40 lb
Ericsson 4460 BAND 2/25	1	0.00 ft	19.60 in	15.70 in	12.10 in	109.00 lb	103.92 lb	80.09 lb	1.169 in	48.96 lb	18.94 lb	15.82 lb

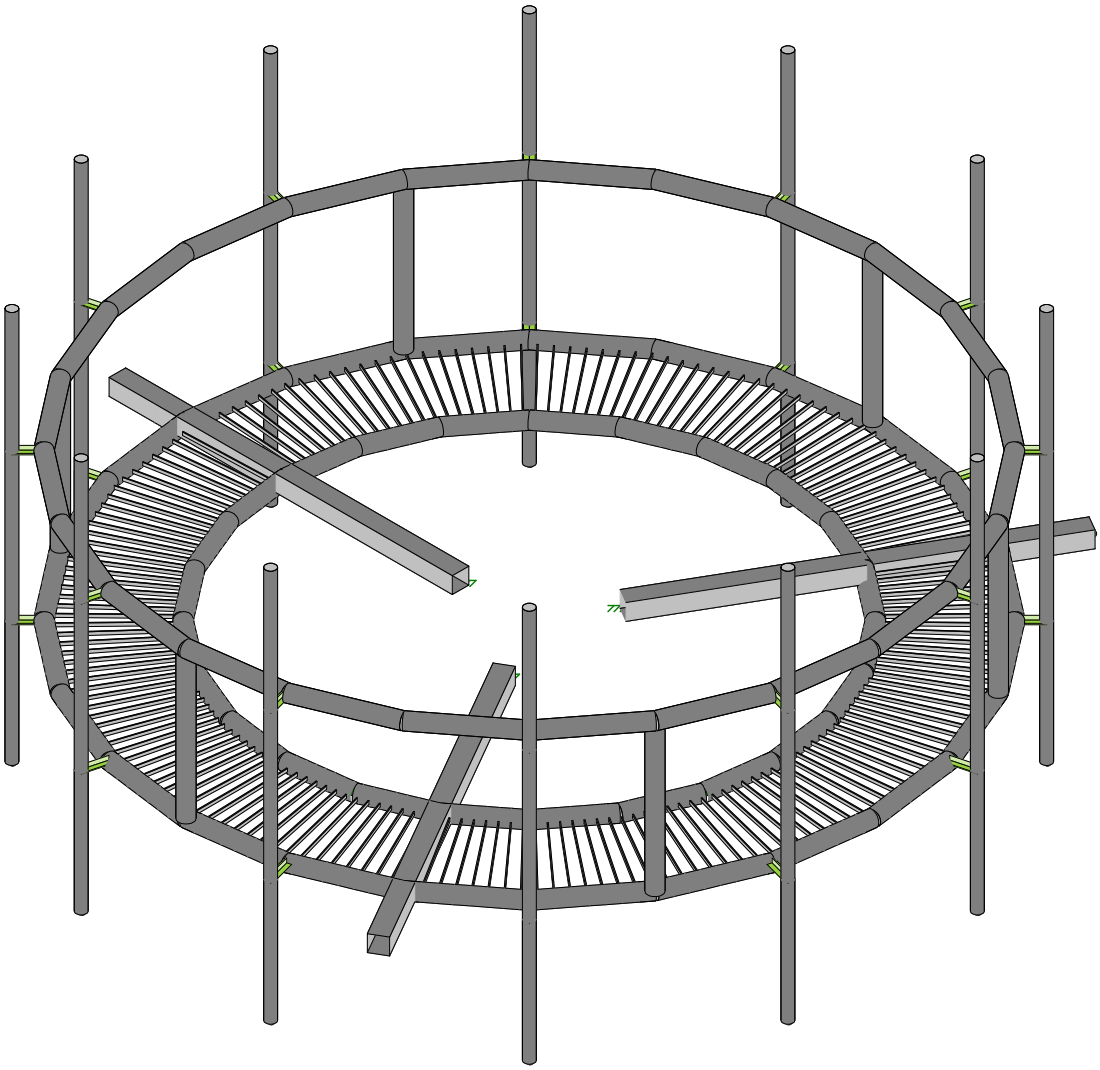
Appurtenance Information - MP12							Appurtenance Forces - MP12					
Appurtenance	Quantity	Vertical Offset	Length	Width	Depth	Weight	Front Design Wind Force, F_A	Side Design Wind Force, F_A	Design Ice Thickness, t_{iz}	Ice Weight	Front Design Wind Force on Ice, F_A	Side Design Wind Force on Ice, F_A
Ericsson AIR 6419 B41	1	0.00 ft	36.30 in	20.90 in	9.00 in	83.30 lb	256.20 lb	116.59 lb	1.169 in	103.34 lb	45.28 lb	22.57 lb

Member Distributed Loads	Member Information			Member Forces		
Mount Members	Width/Diameter (in)	Depth/Diameter (in)	Length (in)	Ka * Force/Length, No Ice	Ice Weight (plf)	Ka * Force/Length, Ice
PIPE 3.0	3.500 in	3.500 in	168.0 in	12.8 lb/ft	6.7 lb/ft	3.5 lb/ft
HSS 4x4	4.000 in	4.000 in	84.0 in	14.3 lb/ft	9.7 lb/ft	3.5 lb/ft
PL 0.75x3/16"	0.750 in	0.188 in	24.0 in	4.6 lb/ft	2.8 lb/ft	1.7 lb/ft
PIPE 3.0 V	3.500 in	3.500 in	36.0 in	9.3 lb/ft	6.7 lb/ft	2.5 lb/ft
PL3/8X4	4.000 in	0.375 in	4.0 in	14.6 lb/ft	7.4 lb/ft	3.2 lb/ft
PL3/8X4-TOP	4.000 in	0.375 in	6.0 in	14.6 lb/ft	7.4 lb/ft	3.2 lb/ft

Member Lookup	Member Label	Position	Maintenance Load
PIPE 3.0 V	FM.V-1	v	
PIPE 3.0 V	FM.V-2	v	
PIPE 3.0 V	FM.V-3	v	
PIPE 3.0 V	FM.V-4	v	
PIPE 3.0 V	FM.V-5	v	
PIPE 3.0 V	FM.V-6	v	
PIPE 3.0	HR-1	8°	
PIPE 3.0	HR-2	23°	Start
PIPE 3.0	HR-3	38°	
PIPE 3.0	HR-4	53°	
PIPE 3.0	HR-5	68°	
PIPE 3.0	HR-6	83°	
PIPE 3.0	HR-7	98°	
PIPE 3.0	HR-8	113°	
PIPE 3.0	HR-9	128°	
PIPE 3.0	HR-10	143°	Start

Member Lookup	Member Label	Position	Maintenance Load
PIPE 3.0	HR-11	158°	
PIPE 3.0	HR-12	173°	
PIPE 3.0	HR-13	188°	
PIPE 3.0	HR-14	203°	
PIPE 3.0	HR-15	218°	
PIPE 3.0	HR-16	233°	
PIPE 3.0	HR-17	248°	
PIPE 3.0	HR-18	263°	Start
PIPE 3.0	HR-19	278°	
PIPE 3.0	HR-20	293°	
PIPE 3.0	HR-21	308°	
PIPE 3.0	HR-22	323°	
PIPE 3.0	HR-23	338°	
PIPE 3.0	HR-24	353°	
PIPE 3.0	I.FM-1	8°	
PIPE 3.0	I.FM-2	23°	Start
PIPE 3.0	I.FM-3	38°	
PIPE 3.0	I.FM-4	53°	
PIPE 3.0	I.FM-5	68°	
PIPE 3.0	I.FM-6	83°	
PIPE 3.0	I.FM-7	98°	
PIPE 3.0	I.FM-8	113°	
PIPE 3.0	I.FM-9	128°	
PIPE 3.0	I.FM-10	143°	Start
PIPE 3.0	I.FM-11	158°	
PIPE 3.0	I.FM-12	173°	
PIPE 3.0	I.FM-13	188°	
PIPE 3.0	I.FM-14	203°	
PIPE 3.0	I.FM-15	218°	
PIPE 3.0	I.FM-16	233°	
PIPE 3.0	I.FM-17	248°	
PIPE 3.0	I.FM-18	263°	Start
PIPE 3.0	I.FM-19	278°	
PIPE 3.0	I.FM-20	293°	
PIPE 3.0	I.FM-21	308°	
PIPE 3.0	I.FM-22	323°	
PIPE 3.0	I.FM-23	338°	
PIPE 3.0	I.FM-24	353°	
PIPE 3.0	O.FM-1	8°	
PIPE 3.0	O.FM-2	23°	Start
PIPE 3.0	O.FM-3	38°	
PIPE 3.0	O.FM-4	53°	

Member Lookup	Member Label	Position	Maintenance Load
PIPE 3.0	O.FM-5	68°	
PIPE 3.0	O.FM-6	83°	
PIPE 3.0	O.FM-7	98°	
PIPE 3.0	O.FM-8	113°	
PIPE 3.0	O.FM-9	128°	
PIPE 3.0	O.FM-10	143°	Start
PIPE 3.0	O.FM-11	158°	
PIPE 3.0	O.FM-12	173°	
PIPE 3.0	O.FM-13	188°	
PIPE 3.0	O.FM-14	203°	
PIPE 3.0	O.FM-15	218°	
PIPE 3.0	O.FM-16	233°	
PIPE 3.0	O.FM-17	248°	
PIPE 3.0	O.FM-18	263°	Start
PIPE 3.0	O.FM-19	278°	
PIPE 3.0	O.FM-20	293°	
PIPE 3.0	O.FM-21	308°	
PIPE 3.0	O.FM-22	323°	
PIPE 3.0	O.FM-23	338°	
PIPE 3.0	O.FM-24	353°	
HSS 4x4	SA-1	0°	End
HSS 4x4	SA-2	120°	End
HSS 4x4	SA-3	240°	End



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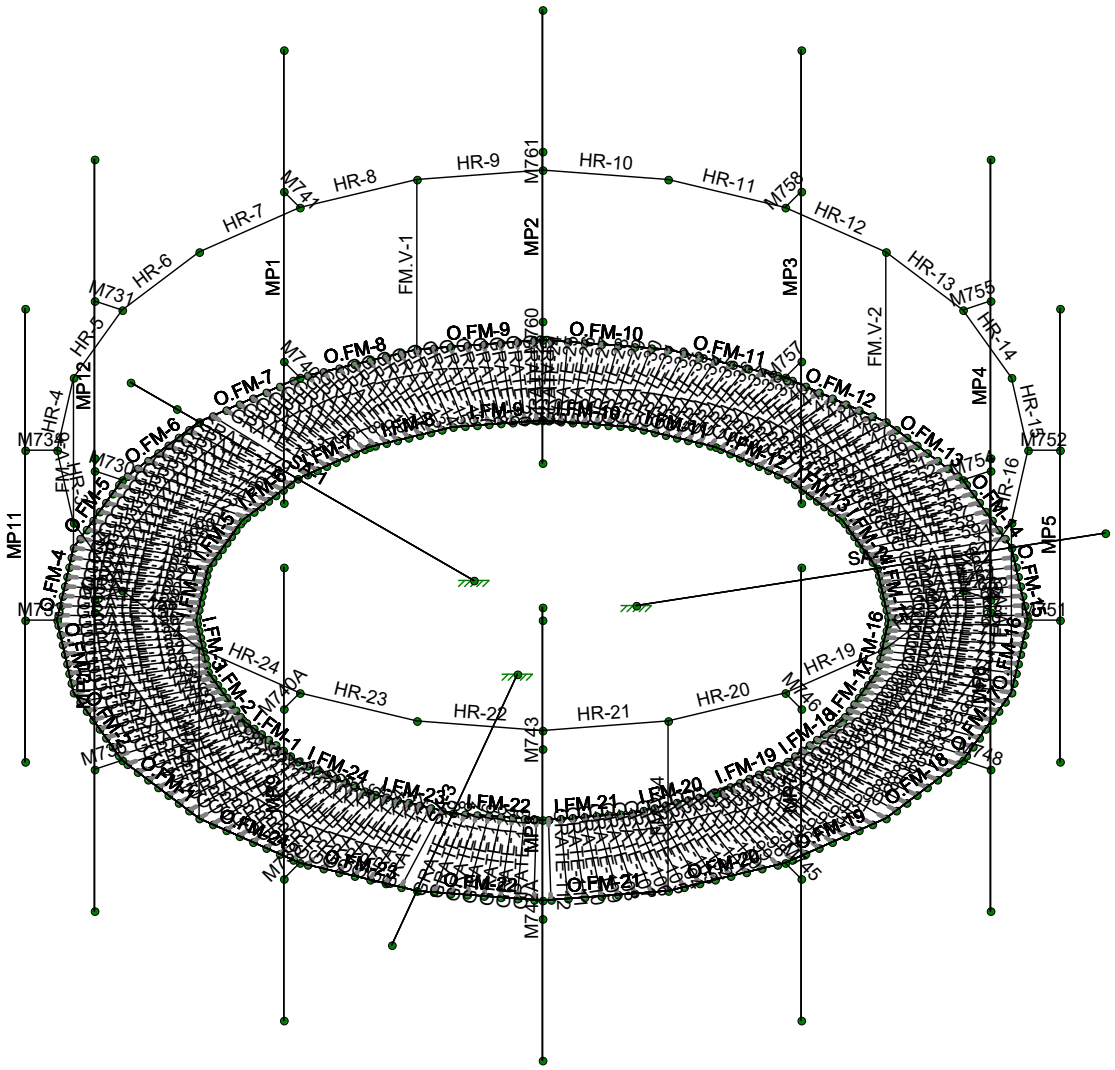

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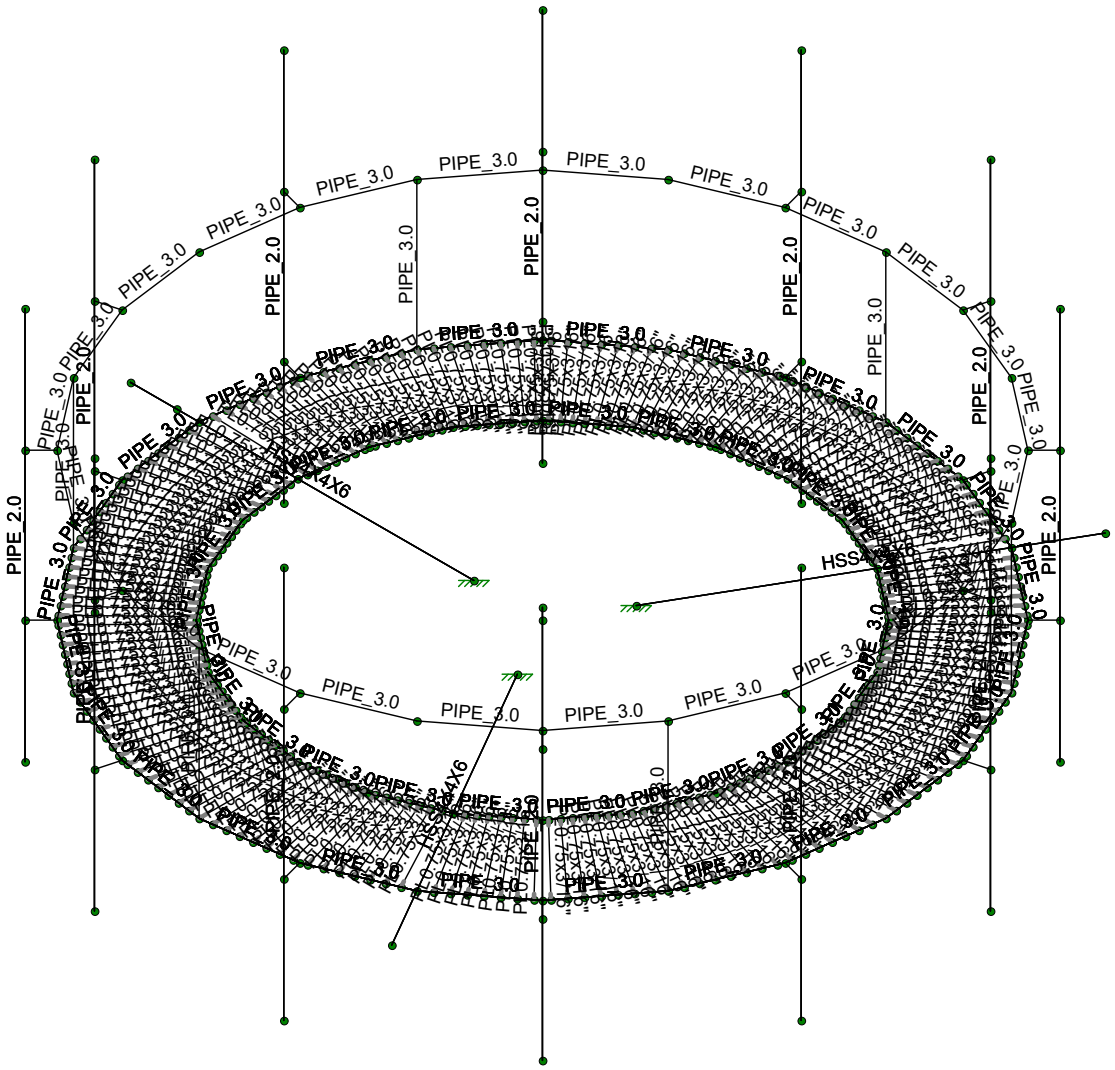

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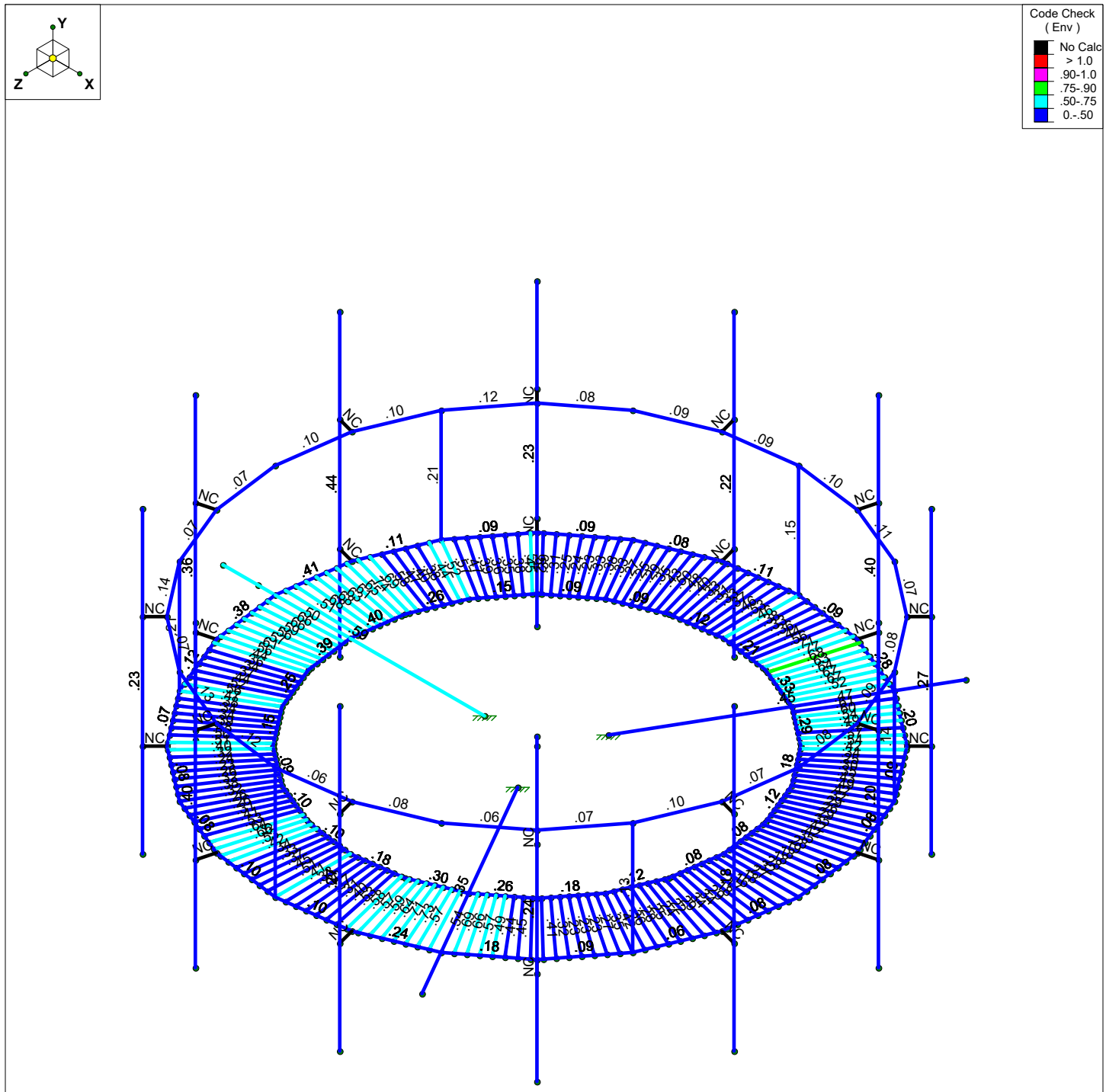

Member Code Checks Displayed (Enveloped)
Results for LC 1, 1.4D

ETS, PLLC	SALEM CT SQA	SK - 4
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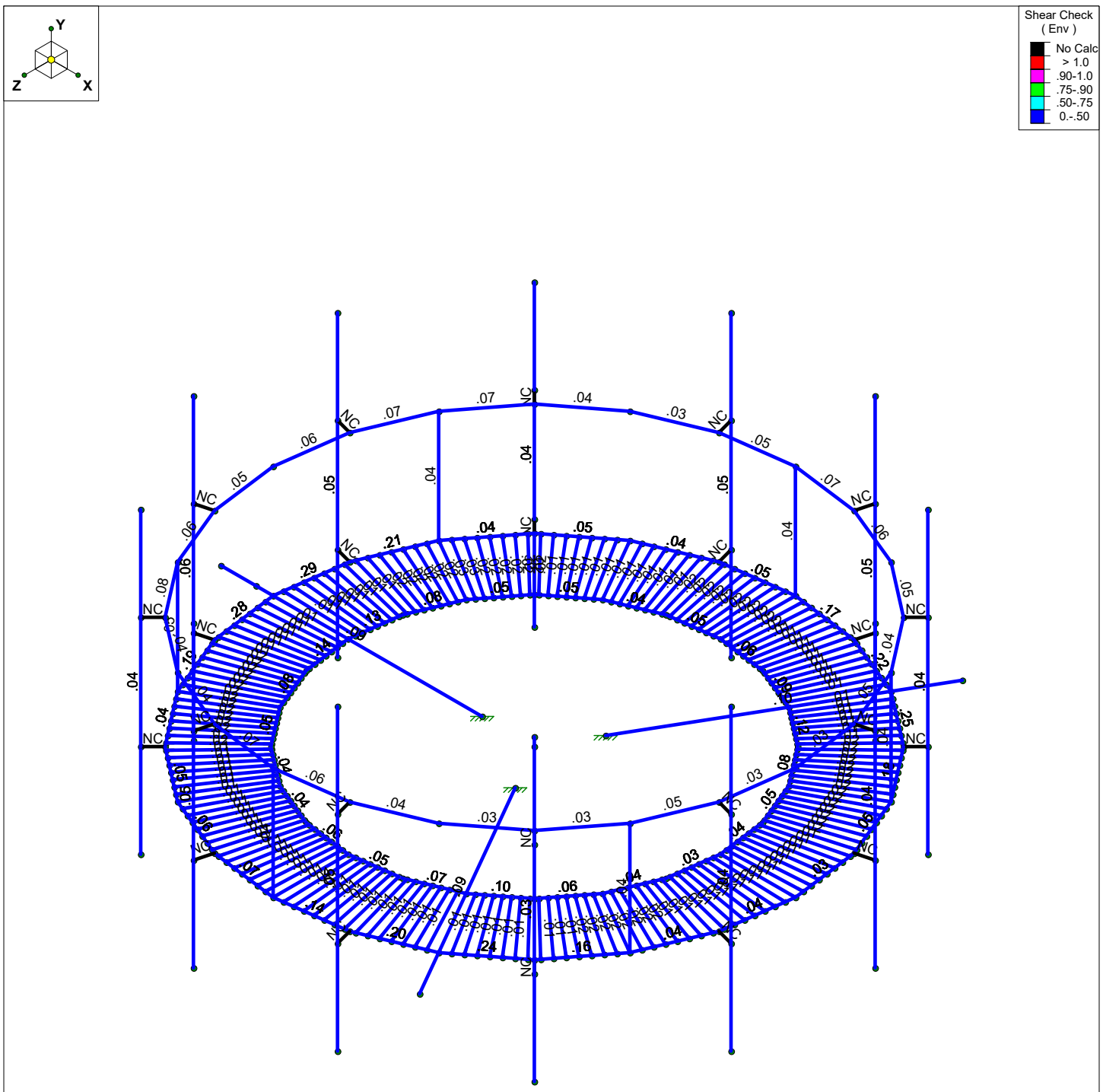

Member Shear Checks Displayed (Enveloped)
Results for LC 1, 1.4D

ETS, PLLC	SALEM CT SQA	SK - 5
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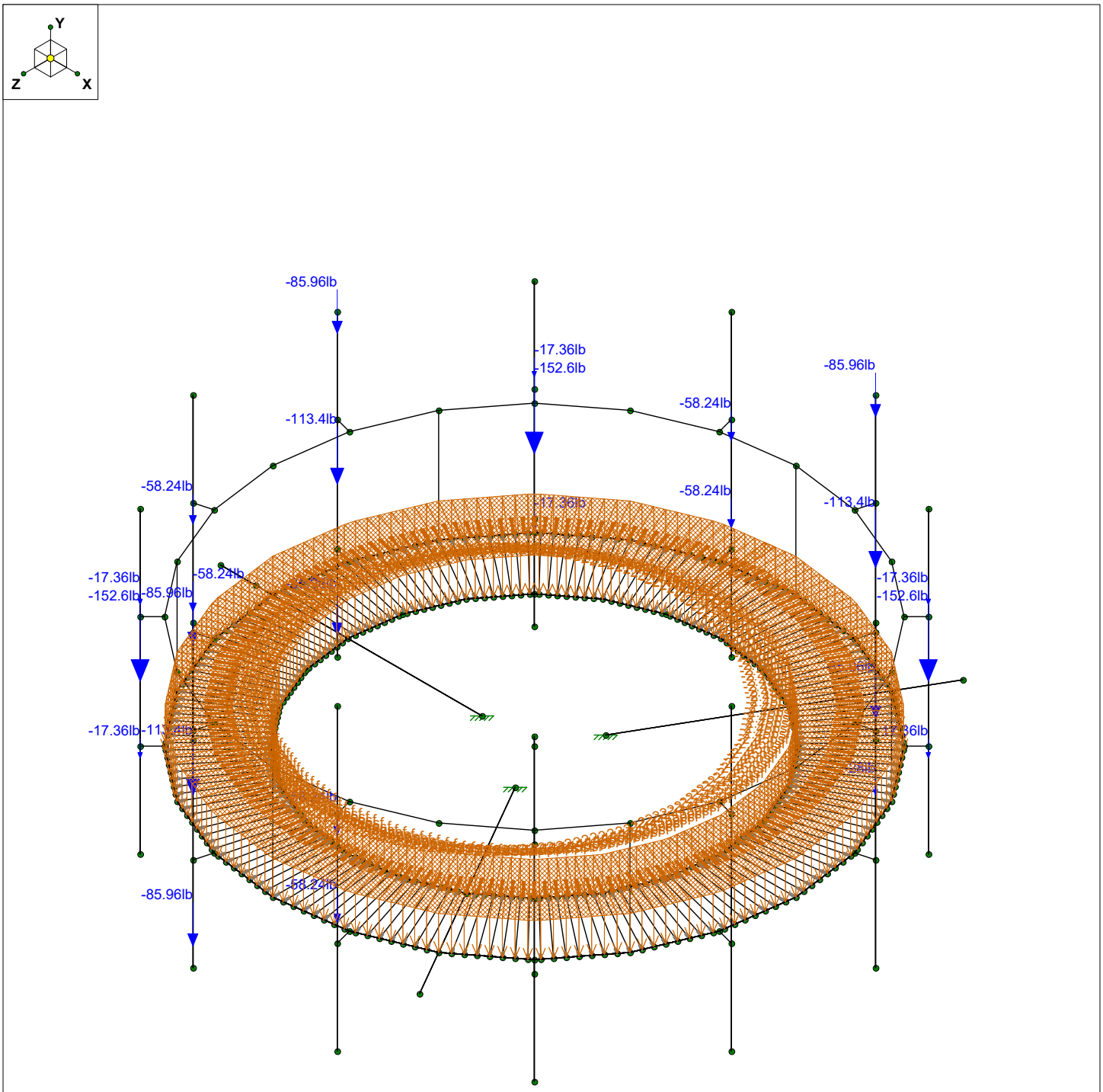

Loads: LC 1, 1.4D

ETS, PLLC	SALEM CT SQA	SK - 6
AT		May 16, 2022 at 4:30 PM
ETS# 22107101.STR.5861		411184_14099773_T-Mobile.r3d

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	N1	Reaction	Reaction	Reaction	Reaction	Reaction	Reaction
2	N2	Reaction	Reaction	Reaction	Reaction	Reaction	Reaction
3	N3	Reaction	Reaction	Reaction	Reaction	Reaction	Reaction

Joint Coordinates and Temperatures

	Label	X [in]	Y [in]	Z [in]	Temp [F]	Detach From Di...
1	N1	-16.8	0	0.	0	
2	N2	8.4	0.	14.546	0	
3	N3	8.4	-0.	-14.546	0	
4	N4	-100.8	0	0.	0	
5	N5	50.4	0.	87.295361	0	
6	N6	50.4	-0.	-87.295361	0	
7	N7	-84	0	0.	0	
8	N8	-72.746134	0.	42	0	
9	N9	-60.286624	0.	58.218116	0	
10	N10	-58.218116	0.	60.286624	0	
11	N11	-42	0.	72.746134	0	
12	N12	0.	0.	84	0	
13	N13	42.000301	0.	72.74601	0	
14	N14	58.21812	0.	60.286628	0	
15	N15	60.286624	0.	58.218116	0	
16	N16	62.07394	0.	55.891627	0	
17	N17	63.851532	0.	53.577797	0	
18	N18	65.623783	0.	51.270919	0	
19	N19	67.395026	0.	48.965353	0	
20	N20	69.169583	0.	46.655473	0	
21	N21	70.951809	0.	44.335611	0	
22	N22	72.746134	0.	42	0	
23	N23	73.87167	0.	39.278264	0	
24	N24	74.989616	0.	36.57488	0	
25	N25	76.102752	0.	33.883128	0	
26	N26	77.21381	0.	31.196404	0	
27	N27	78.325499	0.	28.50815	0	
28	N28	79.440539	0.	25.811796	0	
29	N29	80.561679	0.	23.10069	0	
30	N30	84	0	-0.	0	
31	N31	72.746134	-0.	-42	0	
32	N32	60.286624	-0.	-58.218116	0	
33	N33	58.218116	-0.	-60.286624	0	
34	N34	42.000258	-0.	-72.745936	0	
35	N35	-0.	-0.	-84	0	
36	N36	-42	-0.	-72.746134	0	
37	N37	-58.218116	-0.	-60.286624	0	
38	N38	-60.286624	-0.	-58.218116	0	
39	N39	-72.746134	-0.	-42	0	
40	N40	-59.916024	0	0.	0	
41	N41	-58.003565	0.	14.461913	0	
42	N42	-57.463518	0.	16.477399	0	
43	N43	-51.888799	0.	29.958012	0	
44	N44	-43.001605	0.	41.526167	0	
45	N45	-41.526167	0.	43.001605	0	
46	N46	-29.958012	0.	51.888799	0	
47	N47	-16.477399	0.	57.463518	0	
48	N48	-14.461913	0.	58.003565	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [in]	Y [in]	Z [in]	Temp [F]	Detach From Di...
49	N49	0.	0.	59.916024	0	
50	N50	14.461913	0.	58.003565	0	
51	N51	16.477399	0.	57.463518	0	
52	N52	29.958731	0.	51.888474	0	
53	N53	41.526175	0.	43.001613	0	
54	N54	43.001605	0.	41.526167	0	
55	N55	44.276473	0.	39.866715	0	
56	N56	45.544404	0.	38.216293	0	
57	N57	46.808526	0.	36.570828	0	
58	N58	48.071929	0.	34.926301	0	
59	N59	49.337695	0.	33.278696	0	
60	N60	50.608932	0.	31.623971	0	
61	N61	51.888799	0.	29.958012	0	
62	N62	52.691628	0.	28.016636	0	
63	N63	53.489044	0.	26.08835	0	
64	N64	54.283028	0.	24.168361	0	
65	N65	55.075529	0.	22.251958	0	
66	N66	55.868482	0.	20.334465	0	
67	N67	56.663824	0.	18.411193	0	
68	N68	57.463518	0.	16.477399	0	
69	N69	58.003565	0.	14.461913	0	
70	N70	59.916024	0	-0.	0	
71	N71	58.003565	-0.	-14.461913	0	
72	N72	57.463518	-0.	-16.477399	0	
73	N73	51.888799	-0.	-29.958012	0	
74	N74	43.001605	-0.	-41.526167	0	
75	N75	41.526167	-0.	-43.001605	0	
76	N76	29.958653	-0.	-51.888338	0	
77	N77	16.477395	-0.	-57.463506	0	
78	N78	14.461913	-0.	-58.003565	0	
79	N79	-0.	-0.	-59.916024	0	
80	N80	-14.461913	-0.	-58.003565	0	
81	N81	-16.477399	-0.	-57.463518	0	
82	N82	-29.958012	-0.	-51.888799	0	
83	N83	-41.526167	-0.	-43.001605	0	
84	N84	-43.001605	-0.	-41.526167	0	
85	N85	-51.888799	-0.	-29.958012	0	
86	N86	-57.463518	-0.	-16.477399	0	
87	N87	-58.003565	-0.	-14.461913	0	
88	N88	-72.746134	36	42	0	
89	N89	0.	36	84	0	
90	N90	72.746134	36	42	0	
91	N91	72.746134	36	-42	0	
92	N92	-0.	36	-84	0	
93	N93	-72.746134	36	-42	0	
94	N94	-81.125412	0.	21.737489	0	
95	N95	-81.125412	36	21.737489	0	
96	N96	-81.125412	-0.	-21.737489	0	
97	N97	-81.125412	36	-21.737489	0	
98	N98	0.	-0.	0	0	
99	N99	-89.5125	0	0.	0	
100	N100	-86.462436	0	-23.16754	0	
101	N101	-86.462436	36	-23.16754	0	
102	N102	-86.462436	66	-23.16754	0	
103	N103	-86.462436	-30	-23.16754	0	
104	N104	-86.462436	0	23.16754	0	
105	N105	-86.462436	36	23.16754	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [in]	Y [in]	Z [in]	Temp [F]	Detach From Di...
106	N106	-86.462436	66	23.16754	0	
107	N107	-86.462436	-30	23.16754	0	
108	N108	-59.387923	-0.	59.387923	0	
109	N109	-59.387923	36	59.387923	0	
110	N110	-63.294896	0	63.294896	0	
111	N111	-63.294896	36	63.294896	0	
112	N112	-63.294896	66	63.294896	0	
113	N113	-63.294896	-30	63.294896	0	
114	N114	-21.737489	-0.	81.125412	0	
115	N115	-21.737489	36	81.125412	0	
116	N116	-23.16754	0	86.462436	0	
117	N117	-23.16754	36	86.462436	0	
118	N118	-23.16754	66	86.462436	0	
119	N119	-23.16754	-30	86.462436	0	
120	N120	21.737489	-0.	81.125412	0	
121	N121	21.737489	36	81.125412	0	
122	N122	23.16754	0	86.462436	0	
123	N123	23.16754	36	86.462436	0	
124	N124	23.16754	66	86.462436	0	
125	N125	23.16754	-30	86.462436	0	
126	N126	59.387923	-0.	59.387923	0	
127	N127	59.387923	36	59.387923	0	
128	N128	63.294896	0	63.294896	0	
129	N129	63.294896	36	63.294896	0	
130	N130	63.294896	66	63.294896	0	
131	N131	63.294896	-30	63.294896	0	
132	N132	81.125412	-0.	21.737489	0	
133	N133	81.125412	36	21.737489	0	
134	N134	86.462436	0	23.16754	0	
135	N135	86.462436	36	23.16754	0	
136	N136	86.462436	66	23.16754	0	
137	N137	86.462436	-30	23.16754	0	
138	N138	81.125412	-0.	-21.737489	0	
139	N139	81.125412	36	-21.737489	0	
140	N140	86.462436	0	-23.16754	0	
141	N141	86.462436	36	-23.16754	0	
142	N142	86.462436	66	-23.16754	0	
143	N143	86.462436	-30	-23.16754	0	
144	N144	59.387923	-0.	-59.387923	0	
145	N145	59.387923	36	-59.387923	0	
146	N146	63.294896	0	-63.294896	0	
147	N147	63.294896	36	-63.294896	0	
148	N148	63.294896	66	-63.294896	0	
149	N149	63.294896	-30	-63.294896	0	
150	N150	21.737489	-0.	-81.125412	0	
151	N151	21.737489	36	-81.125412	0	
152	N152	23.16754	0	-86.462436	0	
153	N153	23.16754	36	-86.462436	0	
154	N154	23.16754	66	-86.462436	0	
155	N155	23.16754	-30	-86.462436	0	
156	N156	-21.737489	-0.	-81.125412	0	
157	N157	-21.737489	36	-81.125412	0	
158	N158	-23.16754	0	-86.462436	0	
159	N159	-23.16754	36	-86.462436	0	
160	N160	-23.16754	66	-86.462436	0	
161	N161	-23.16754	-30	-86.462436	0	
162	N162	-59.387923	-0.	-59.387923	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [in]	Y [in]	Z [in]	Temp [F]	Detach From Di...
163	N163	-59.387923	36	-59.387923	0	
164	N164	-63.294896	0	-63.294896	0	
165	N165	-63.294896	36	-63.294896	0	
166	N166	-63.294896	66	-63.294896	0	
167	N167	-63.294896	-30	-63.294896	0	
168	N168	84	36	-0.	0	
169	N169	42	36	-72.746134	0	
170	N170	-42	36	-72.746134	0	
171	N171	-84	36	0.	0	
172	N172	-42	36	72.746134	0	
173	N173	42	36	72.746134	0	
174	N174	-57.86562	0	15.505046	0	
175	N175	-57.86562	0	-15.505046	0	
176	N176	-42.360574	0	42.360574	0	
177	N177	-15.505046	0	57.86562	0	
178	N178	15.505046	0	57.86562	0	
179	N179	42.360574	0	42.360574	0	
180	N180	57.86562	0	15.505046	0	
181	N181	57.86562	0	-15.505046	0	
182	N182	42.360574	0	-42.360574	0	
183	N183	15.505046	0	-57.86562	0	
184	N184	-15.505046	0	-57.86562	0	
185	N185	-42.360574	0	-42.360574	0	
186	N186	-83.613875	0.	2.919861	0	
187	N187	-83.230353	0.	5.820033	0	
188	N188	-82.848481	0.	8.707726	0	
189	N189	-82.467323	0.	11.590026	0	
190	N190	-82.085947	0.	14.473967	0	
191	N191	-81.703423	0.	17.366599	0	
192	N192	-81.318805	0.	20.275055	0	
193	N193	-80.561679	0.	23.10069	0	
194	N194	-79.440539	0.	25.811796	0	
195	N195	-78.325499	0.	28.50815	0	
196	N196	-77.21381	0.	31.196404	0	
197	N197	-76.102752	0.	33.883128	0	
198	N198	-74.989616	0.	36.57488	0	
199	N199	-73.87167	0.	39.278264	0	
200	N200	-70.951809	0.	44.335611	0	
201	N201	-69.169583	0.	46.655473	0	
202	N202	-67.395026	0.	48.965353	0	
203	N203	-65.623783	0.	51.270919	0	
204	N204	-63.851532	0.	53.577797	0	
205	N205	-62.07394	0.	55.891627	0	
206	N206	-55.891627	0.	62.07394	0	
207	N207	-53.577797	0.	63.851532	0	
208	N208	-51.270919	0.	65.623783	0	
209	N209	-48.965353	0.	67.395026	0	
210	N210	-46.655473	0.	69.169583	0	
211	N211	-44.335611	0.	70.951809	0	
212	N212	-39.278264	0.	73.87167	0	
213	N213	-36.57488	0.	74.989616	0	
214	N214	-33.883128	0.	76.102752	0	
215	N215	-31.196404	0.	77.21381	0	
216	N216	-28.50815	0.	78.325499	0	
217	N217	-25.811796	0.	79.440539	0	
218	N218	-23.10069	0.	80.561679	0	
219	N219	-20.275055	0.	81.318805	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [in]	Y [in]	Z [in]	Temp [F]	Detach From Di...
220	N220	-17.366599	0.	81.703423	0	
221	N221	-14.473967	0.	82.085947	0	
222	N222	-11.590026	0.	82.467323	0	
223	N223	-8.707726	0.	82.848481	0	
224	N224	-5.820033	0.	83.230353	0	
225	N225	-2.919861	0.	83.613875	0	
226	N226	2.919861	0.	83.613875	0	
227	N227	5.820033	0.	83.230353	0	
228	N228	8.707726	0.	82.848481	0	
229	N229	11.590026	0.	82.467323	0	
230	N230	14.473967	0.	82.085947	0	
231	N231	17.366599	0.	81.703423	0	
232	N232	20.275055	0.	81.318805	0	
233	N233	23.10069	0.	80.561679	0	
234	N234	25.811796	0.	79.440539	0	
235	N235	28.50815	0.	78.325499	0	
236	N236	31.196404	0.	77.21381	0	
237	N237	33.883128	0.	76.102752	0	
238	N238	36.57488	0.	74.989616	0	
239	N239	39.278264	0.	73.87167	0	
240	N240	44.33565	0.	70.951871	0	
241	N241	46.655508	0.	69.169635	0	
242	N242	48.965383	0.	67.395067	0	
243	N243	51.270943	0.	65.623814	0	
244	N244	53.577815	0.	63.851554	0	
245	N245	55.891638	0.	62.073953	0	
246	N246	81.318805	0.	20.275055	0	
247	N247	81.703423	0.	17.366599	0	
248	N248	82.085947	0.	14.473967	0	
249	N249	82.467323	0.	11.590026	0	
250	N250	82.848481	0.	8.707726	0	
251	N251	83.230353	0.	5.820033	0	
252	N252	83.613875	0.	2.919861	0	
253	N253	83.613875	-0.	-2.919861	0	
254	N254	83.230353	-0.	-5.820033	0	
255	N255	82.848481	-0.	-8.707726	0	
256	N256	82.467323	-0.	-11.590026	0	
257	N257	82.085947	-0.	-14.473967	0	
258	N258	81.703423	-0.	-17.366599	0	
259	N259	81.318805	-0.	-20.275055	0	
260	N260	80.561679	-0.	-23.10069	0	
261	N261	79.440539	-0.	-25.811796	0	
262	N262	78.325499	-0.	-28.50815	0	
263	N263	77.21381	-0.	-31.196404	0	
264	N264	76.102752	-0.	-33.883128	0	
265	N265	74.989616	-0.	-36.57488	0	
266	N266	73.87167	-0.	-39.278264	0	
267	N267	70.951809	-0.	-44.335611	0	
268	N268	69.169583	-0.	-46.655473	0	
269	N269	67.395026	-0.	-48.965353	0	
270	N270	65.623783	-0.	-51.270919	0	
271	N271	63.851532	-0.	-53.577797	0	
272	N272	62.07394	-0.	-55.891627	0	
273	N273	55.891627	-0.	-62.07394	0	
274	N274	53.577797	-0.	-63.851532	0	
275	N275	51.270919	-0.	-65.623783	0	
276	N276	48.965353	-0.	-67.395026	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [in]	Y [in]	Z [in]	Temp [F]	Detach From Di...
277	N277	46.655473	-0.	-69.169583	0	
278	N278	44.335611	-0.	-70.951809	0	
279	N279	39.278229	-0.	-73.871605	0	
280	N280	36.574853	-0.	-74.989561	0	
281	N281	33.883108	-0.	-76.102706	0	
282	N282	31.196389	-0.	-77.213773	0	
283	N283	28.508141	-0.	-78.325473	0	
284	N284	25.811791	-0.	-79.440523	0	
285	N285	23.100688	-0.	-80.561673	0	
286	N286	20.275055	-0.	-81.318805	0	
287	N287	17.366599	-0.	-81.703423	0	
288	N288	14.473967	-0.	-82.085947	0	
289	N289	11.590026	-0.	-82.467323	0	
290	N290	8.707726	-0.	-82.848481	0	
291	N291	5.820033	-0.	-83.230353	0	
292	N292	2.919861	-0.	-83.613875	0	
293	N293	-2.919861	-0.	-83.613875	0	
294	N294	-5.820033	-0.	-83.230353	0	
295	N295	-8.707726	-0.	-82.848481	0	
296	N296	-11.590026	-0.	-82.467323	0	
297	N297	-14.473967	-0.	-82.085947	0	
298	N298	-17.366599	-0.	-81.703423	0	
299	N299	-20.275055	-0.	-81.318805	0	
300	N300	-23.10069	-0.	-80.561679	0	
301	N301	-25.811796	-0.	-79.440539	0	
302	N302	-28.50815	-0.	-78.325499	0	
303	N303	-31.196404	-0.	-77.21381	0	
304	N304	-33.883128	-0.	-76.102752	0	
305	N305	-36.57488	-0.	-74.989616	0	
306	N306	-39.278264	-0.	-73.87167	0	
307	N307	-44.335611	-0.	-70.951809	0	
308	N308	-46.655473	-0.	-69.169583	0	
309	N309	-48.965353	-0.	-67.395026	0	
310	N310	-51.270919	-0.	-65.623783	0	
311	N311	-53.577797	-0.	-63.851532	0	
312	N312	-55.891627	-0.	-62.07394	0	
313	N313	-62.07394	-0.	-55.891627	0	
314	N314	-63.851532	-0.	-53.577797	0	
315	N315	-65.623783	-0.	-51.270919	0	
316	N316	-67.395026	-0.	-48.965353	0	
317	N317	-69.169583	-0.	-46.655473	0	
318	N318	-70.951809	-0.	-44.335611	0	
319	N319	-73.87167	-0.	-39.278264	0	
320	N320	-74.989616	-0.	-36.57488	0	
321	N321	-76.102752	-0.	-33.883128	0	
322	N322	-77.21381	-0.	-31.196404	0	
323	N323	-78.325499	-0.	-28.50815	0	
324	N324	-79.440539	-0.	-25.811796	0	
325	N325	-80.561679	-0.	-23.10069	0	
326	N326	-81.318805	-0.	-20.275055	0	
327	N327	-81.703423	-0.	-17.366599	0	
328	N328	-82.085947	-0.	-14.473967	0	
329	N329	-82.467323	-0.	-11.590026	0	
330	N330	-82.848481	-0.	-8.707726	0	
331	N331	-83.230353	-0.	-5.820033	0	
332	N332	-83.613875	-0.	-2.919861	0	
333	N333	58.277908	0.	12.387352	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [in]	Y [in]	Z [in]	Temp [F]	Detach From Di...
334	N334	58.550757	0.	10.324078	0	
335	N335	58.822787	0.	8.267004	0	
336	N336	59.094662	0.	6.211099	0	
337	N337	59.367045	0.	4.151348	0	
338	N338	59.640606	0.	2.082696	0	
339	N339	59.640606	0.	-2.082696	0	
340	N340	59.367045	0.	-4.151348	0	
341	N341	59.094662	0.	-6.211099	0	
342	N342	58.822787	0.	-8.267004	0	
343	N343	58.550757	0.	-10.324078	0	
344	N344	58.277908	0.	-12.387352	0	
345	N345	56.663824	0.	-18.411193	0	
346	N346	55.868482	0.	-20.334465	0	
347	N347	55.075529	0.	-22.251958	0	
348	N348	54.283028	0.	-24.168361	0	
349	N349	53.489044	0.	-26.08835	0	
350	N350	52.691628	0.	-28.016636	0	
351	N351	50.608932	0.	-31.623971	0	
352	N352	49.337695	0.	-33.278696	0	
353	N353	48.071929	0.	-34.926301	0	
354	N354	46.808526	0.	-36.570828	0	
355	N355	45.544404	0.	-38.216293	0	
356	N356	44.276473	0.	-39.866715	0	
357	N357	39.866715	0.	-44.276473	0	
358	N358	38.216293	0.	-45.544404	0	
359	N359	36.570828	0.	-46.808526	0	
360	N360	34.926301	0.	-48.071929	0	
361	N361	33.278696	0.	-49.337695	0	
362	N362	31.623971	0.	-50.608932	0	
363	N363	28.016562	0.	-52.691489	0	
364	N364	26.088291	0.	-53.488924	0	
365	N365	24.168317	0.	-54.282929	0	
366	N366	22.251927	0.	-55.075451	0	
367	N367	20.334444	0.	-55.868425	0	
368	N368	18.411181	0.	-56.66379	0	
369	N369	12.387352	0.	-58.277908	0	
370	N370	10.324078	0.	-58.550757	0	
371	N371	8.267004	0.	-58.822787	0	
372	N372	6.211099	0.	-59.094662	0	
373	N373	4.151348	0.	-59.367045	0	
374	N374	2.082696	0.	-59.640606	0	
375	N375	-2.082696	0.	-59.640606	0	
376	N376	-4.151348	0.	-59.367045	0	
377	N377	-6.211099	0.	-59.094662	0	
378	N378	-8.267004	0.	-58.822787	0	
379	N379	-10.324078	0.	-58.550757	0	
380	N380	-12.387352	0.	-58.277908	0	
381	N381	-18.411193	0.	-56.663824	0	
382	N382	-20.334465	0.	-55.868482	0	
383	N383	-22.251958	0.	-55.075529	0	
384	N384	-24.168361	0.	-54.283028	0	
385	N385	-26.08835	0.	-53.489044	0	
386	N386	-28.016636	0.	-52.691628	0	
387	N387	-31.623971	0.	-50.608932	0	
388	N388	-33.278696	0.	-49.337695	0	
389	N389	-34.926301	0.	-48.071929	0	
390	N390	-36.570828	0.	-46.808526	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [in]	Y [in]	Z [in]	Temp [F]	Detach From Di...
391	N391	-38.216293	0.	-45.544404	0	
392	N392	-39.866715	0.	-44.276473	0	
393	N393	-44.276473	0.	-39.866715	0	
394	N394	-45.544404	0.	-38.216293	0	
395	N395	-46.808526	0.	-36.570828	0	
396	N396	-48.071929	0.	-34.926301	0	
397	N397	-49.337695	0.	-33.278696	0	
398	N398	-50.608932	0.	-31.623971	0	
399	N399	-52.691628	0.	-28.016636	0	
400	N400	-53.489044	0.	-26.08835	0	
401	N401	-54.283028	0.	-24.168361	0	
402	N402	-55.075529	0.	-22.251958	0	
403	N403	-55.868482	0.	-20.334465	0	
404	N404	-56.663824	0.	-18.411193	0	
405	N405	-58.277908	0.	-12.387352	0	
406	N406	-58.550757	0.	-10.324078	0	
407	N407	-58.822787	0.	-8.267004	0	
408	N408	-59.094662	0.	-6.211099	0	
409	N409	-59.367045	0.	-4.151348	0	
410	N410	-59.640606	0.	-2.082696	0	
411	N411	-59.640606	0.	2.082696	0	
412	N412	-59.367045	0.	4.151348	0	
413	N413	-59.094662	0.	6.211099	0	
414	N414	-58.822787	0.	8.267004	0	
415	N415	-58.550757	0.	10.324078	0	
416	N416	-58.277908	0.	12.387352	0	
417	N417	-56.663824	0.	18.411193	0	
418	N418	-55.868482	0.	20.334465	0	
419	N419	-55.075529	0.	22.251958	0	
420	N420	-54.283028	0.	24.168361	0	
421	N421	-53.489044	0.	26.08835	0	
422	N422	-52.691628	0.	28.016636	0	
423	N423	-50.608932	0.	31.623971	0	
424	N424	-49.337695	0.	33.278696	0	
425	N425	-48.071929	0.	34.926301	0	
426	N426	-46.808526	0.	36.570828	0	
427	N427	-45.544404	0.	38.216293	0	
428	N428	-44.276473	0.	39.866715	0	
429	N429	-39.866715	0.	44.276473	0	
430	N430	-38.216293	0.	45.544404	0	
431	N431	-36.570828	0.	46.808526	0	
432	N432	-34.926301	0.	48.071929	0	
433	N433	-33.278696	0.	49.337695	0	
434	N434	-31.623971	0.	50.608932	0	
435	N435	-28.016636	0.	52.691628	0	
436	N436	-26.08835	0.	53.489044	0	
437	N437	-24.168361	0.	54.283028	0	
438	N438	-22.251958	0.	55.075529	0	
439	N439	-20.334465	0.	55.868482	0	
440	N440	-18.411193	0.	56.663824	0	
441	N441	-12.387352	0.	58.277908	0	
442	N442	-10.324078	0.	58.550757	0	
443	N443	-8.267004	0.	58.822787	0	
444	N444	-6.211099	0.	59.094662	0	
445	N445	-4.151348	0.	59.367045	0	
446	N446	-2.082696	0.	59.640606	0	
447	N447	2.082696	0.	59.640606	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [in]	Y [in]	Z [in]	Temp [F]	Detach From Di...
448	N448	4.151348	0.	59.367045	0	
449	N449	6.211099	0.	59.094662	0	
450	N450	8.267004	0.	58.822787	0	
451	N451	10.324078	0.	58.550757	0	
452	N452	12.387352	0.	58.277908	0	
453	N453	18.411193	0.	56.663824	0	
454	N454	20.334465	0.	55.868482	0	
455	N455	22.251958	0.	55.075529	0	
456	N456	24.168361	0.	54.283028	0	
457	N457	26.08835	0.	53.489044	0	
458	N458	28.016636	0.	52.691628	0	
459	N459	31.624054	0.	50.609066	0	
460	N460	33.27877	0.	49.337805	0	
461	N461	34.926364	0.	48.072016	0	
462	N462	36.570881	0.	46.808593	0	
463	N463	38.216331	0.	45.54445	0	
464	N464	39.866739	0.	44.2765	0	

Member Primary Data

	Label	I Joint	J Joint	K Joint	Rotate(d...	Section/Shape	Type	Design List	Material	Design Ru...
1	FM.V-1	N39	N93			Face Pipe Vertical	VBrace	Pipe	A53 Gr.B	Typical
2	FM.V-2	N35	N92			Face Pipe Vertical	VBrace	Pipe	A53 Gr.B	Typical
3	FM.V-3	N31	N91			Face Pipe Vertical	VBrace	Pipe	A53 Gr.B	Typical
4	FM.V-4	N22	N90			Face Pipe Vertical	VBrace	Pipe	A53 Gr.B	Typical
5	FM.V-5	N12	N89			Face Pipe Vertical	VBrace	Pipe	A53 Gr.B	Typical
6	FM.V-6	N8	N88			Face Pipe Vertical	VBrace	Pipe	A53 Gr.B	Typical
7	GRATE-1	N410	N332			Grating Slat	HBrace	None	A36 Gr.36	Typical
8	GRATE-2	N409	N331			Grating Slat	HBrace	None	A36 Gr.36	Typical
9	GRATE-3	N408	N330			Grating Slat	HBrace	None	A36 Gr.36	Typical
10	GRATE-4	N407	N329			Grating Slat	HBrace	None	A36 Gr.36	Typical
11	GRATE-5	N406	N328			Grating Slat	HBrace	None	A36 Gr.36	Typical
12	GRATE-6	N405	N327			Grating Slat	HBrace	None	A36 Gr.36	Typical
13	GRATE-7	N87	N326			Grating Slat	HBrace	None	A36 Gr.36	Typical
14	GRATE-8	N86	N325			Grating Slat	HBrace	None	A36 Gr.36	Typical
15	GRATE-9	N404	N324			Grating Slat	HBrace	None	A36 Gr.36	Typical
16	GRATE-10	N403	N323			Grating Slat	HBrace	None	A36 Gr.36	Typical
17	GRATE-11	N402	N322			Grating Slat	HBrace	None	A36 Gr.36	Typical
18	GRATE-12	N401	N321			Grating Slat	HBrace	None	A36 Gr.36	Typical
19	GRATE-13	N400	N320			Grating Slat	HBrace	None	A36 Gr.36	Typical
20	GRATE-14	N399	N319			Grating Slat	HBrace	None	A36 Gr.36	Typical
21	GRATE-15	N85	N39			Grating Slat	HBrace	None	A36 Gr.36	Typical
22	GRATE-16	N398	N318			Grating Slat	HBrace	None	A36 Gr.36	Typical
23	GRATE-17	N397	N317			Grating Slat	HBrace	None	A36 Gr.36	Typical
24	GRATE-18	N396	N316			Grating Slat	HBrace	None	A36 Gr.36	Typical
25	GRATE-19	N395	N315			Grating Slat	HBrace	None	A36 Gr.36	Typical
26	GRATE-20	N394	N314			Grating Slat	HBrace	None	A36 Gr.36	Typical
27	GRATE-21	N393	N313			Grating Slat	HBrace	None	A36 Gr.36	Typical
28	GRATE-22	N84	N38			Grating Slat	HBrace	None	A36 Gr.36	Typical
29	GRATE-23	N83	N37			Grating Slat	HBrace	None	A36 Gr.36	Typical
30	GRATE-24	N392	N312			Grating Slat	HBrace	None	A36 Gr.36	Typical
31	GRATE-25	N391	N311			Grating Slat	HBrace	None	A36 Gr.36	Typical
32	GRATE-26	N390	N310			Grating Slat	HBrace	None	A36 Gr.36	Typical
33	GRATE-27	N389	N309			Grating Slat	HBrace	None	A36 Gr.36	Typical
34	GRATE-28	N388	N308			Grating Slat	HBrace	None	A36 Gr.36	Typical
35	GRATE-29	N387	N307			Grating Slat	HBrace	None	A36 Gr.36	Typical

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(d...	Section/Shape	Type	Design List	Material	Design Ru...
36	GRATE-30	N82	N36			Grating Slat	HBrace	None	A36 Gr.36	Typical
37	GRATE-31	N386	N306			Grating Slat	HBrace	None	A36 Gr.36	Typical
38	GRATE-32	N385	N305			Grating Slat	HBrace	None	A36 Gr.36	Typical
39	GRATE-33	N384	N304			Grating Slat	HBrace	None	A36 Gr.36	Typical
40	GRATE-34	N383	N303			Grating Slat	HBrace	None	A36 Gr.36	Typical
41	GRATE-35	N382	N302			Grating Slat	HBrace	None	A36 Gr.36	Typical
42	GRATE-36	N381	N301			Grating Slat	HBrace	None	A36 Gr.36	Typical
43	GRATE-37	N81	N300			Grating Slat	HBrace	None	A36 Gr.36	Typical
44	GRATE-38	N80	N299			Grating Slat	HBrace	None	A36 Gr.36	Typical
45	GRATE-39	N380	N298			Grating Slat	HBrace	None	A36 Gr.36	Typical
46	GRATE-40	N379	N297			Grating Slat	HBrace	None	A36 Gr.36	Typical
47	GRATE-41	N378	N296			Grating Slat	HBrace	None	A36 Gr.36	Typical
48	GRATE-42	N377	N295			Grating Slat	HBrace	None	A36 Gr.36	Typical
49	GRATE-43	N376	N294			Grating Slat	HBrace	None	A36 Gr.36	Typical
50	GRATE-44	N375	N293			Grating Slat	HBrace	None	A36 Gr.36	Typical
51	GRATE-45	N79	N35			Grating Slat	HBrace	None	A36 Gr.36	Typical
52	GRATE-46	N374	N292			Grating Slat	HBrace	None	A36 Gr.36	Typical
53	GRATE-47	N373	N291			Grating Slat	HBrace	None	A36 Gr.36	Typical
54	GRATE-48	N372	N290			Grating Slat	HBrace	None	A36 Gr.36	Typical
55	GRATE-49	N371	N289			Grating Slat	HBrace	None	A36 Gr.36	Typical
56	GRATE-50	N370	N288			Grating Slat	HBrace	None	A36 Gr.36	Typical
57	GRATE-51	N369	N287			Grating Slat	HBrace	None	A36 Gr.36	Typical
58	GRATE-52	N78	N286			Grating Slat	HBrace	None	A36 Gr.36	Typical
59	GRATE-53	N77	N285			Grating Slat	HBrace	None	A36 Gr.36	Typical
60	GRATE-54	N368	N284			Grating Slat	HBrace	None	A36 Gr.36	Typical
61	GRATE-55	N367	N283			Grating Slat	HBrace	None	A36 Gr.36	Typical
62	GRATE-56	N366	N282			Grating Slat	HBrace	None	A36 Gr.36	Typical
63	GRATE-57	N365	N281			Grating Slat	HBrace	None	A36 Gr.36	Typical
64	GRATE-58	N364	N280			Grating Slat	HBrace	None	A36 Gr.36	Typical
65	GRATE-59	N363	N279			Grating Slat	HBrace	None	A36 Gr.36	Typical
66	GRATE-61	N362	N278			Grating Slat	HBrace	None	A36 Gr.36	Typical
67	GRATE-62	N361	N277			Grating Slat	HBrace	None	A36 Gr.36	Typical
68	GRATE-63	N360	N276			Grating Slat	HBrace	None	A36 Gr.36	Typical
69	GRATE-64	N359	N275			Grating Slat	HBrace	None	A36 Gr.36	Typical
70	GRATE-65	N358	N274			Grating Slat	HBrace	None	A36 Gr.36	Typical
71	GRATE-66	N357	N273			Grating Slat	HBrace	None	A36 Gr.36	Typical
72	GRATE-67	N75	N33			Grating Slat	HBrace	None	A36 Gr.36	Typical
73	GRATE-68	N74	N32			Grating Slat	HBrace	None	A36 Gr.36	Typical
74	GRATE-69	N356	N272			Grating Slat	HBrace	None	A36 Gr.36	Typical
75	GRATE-70	N355	N271			Grating Slat	HBrace	None	A36 Gr.36	Typical
76	GRATE-71	N354	N270			Grating Slat	HBrace	None	A36 Gr.36	Typical
77	GRATE-72	N353	N269			Grating Slat	HBrace	None	A36 Gr.36	Typical
78	GRATE-73	N352	N268			Grating Slat	HBrace	None	A36 Gr.36	Typical
79	GRATE-74	N351	N267			Grating Slat	HBrace	None	A36 Gr.36	Typical
80	GRATE-75	N73	N31			Grating Slat	HBrace	None	A36 Gr.36	Typical
81	GRATE-76	N350	N266			Grating Slat	HBrace	None	A36 Gr.36	Typical
82	GRATE-77	N349	N265			Grating Slat	HBrace	None	A36 Gr.36	Typical
83	GRATE-78	N348	N264			Grating Slat	HBrace	None	A36 Gr.36	Typical
84	GRATE-79	N347	N263			Grating Slat	HBrace	None	A36 Gr.36	Typical
85	GRATE-80	N346	N262			Grating Slat	HBrace	None	A36 Gr.36	Typical
86	GRATE-81	N345	N261			Grating Slat	HBrace	None	A36 Gr.36	Typical
87	GRATE-82	N72	N260			Grating Slat	HBrace	None	A36 Gr.36	Typical
88	GRATE-83	N71	N259			Grating Slat	HBrace	None	A36 Gr.36	Typical
89	GRATE-84	N344	N258			Grating Slat	HBrace	None	A36 Gr.36	Typical
90	GRATE-85	N343	N257			Grating Slat	HBrace	None	A36 Gr.36	Typical
91	GRATE-86	N342	N256			Grating Slat	HBrace	None	A36 Gr.36	Typical
92	GRATE-87	N341	N255			Grating Slat	HBrace	None	A36 Gr.36	Typical

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(d...	Section/Shape	Type	Design List	Material	Design Ru...
93	GRATE-88	N340	N254			Grating Slat	HBrace	None	A36 Gr.36	Typical
94	GRATE-89	N339	N253			Grating Slat	HBrace	None	A36 Gr.36	Typical
95	GRATE-90	N70	N30			Grating Slat	HBrace	None	A36 Gr.36	Typical
96	GRATE-91	N338	N252			Grating Slat	HBrace	None	A36 Gr.36	Typical
97	GRATE-92	N337	N251			Grating Slat	HBrace	None	A36 Gr.36	Typical
98	GRATE-93	N336	N250			Grating Slat	HBrace	None	A36 Gr.36	Typical
99	GRATE-94	N335	N249			Grating Slat	HBrace	None	A36 Gr.36	Typical
100	GRATE-95	N334	N248			Grating Slat	HBrace	None	A36 Gr.36	Typical
101	GRATE-96	N333	N247			Grating Slat	HBrace	None	A36 Gr.36	Typical
102	GRATE-97	N69	N246			Grating Slat	HBrace	None	A36 Gr.36	Typical
103	GRATE-98	N68	N29			Grating Slat	HBrace	None	A36 Gr.36	Typical
104	GRATE-99	N67	N28			Grating Slat	HBrace	None	A36 Gr.36	Typical
105	GRATE-100	N66	N27			Grating Slat	HBrace	None	A36 Gr.36	Typical
106	GRATE-101	N65	N26			Grating Slat	HBrace	None	A36 Gr.36	Typical
107	GRATE-102	N64	N25			Grating Slat	HBrace	None	A36 Gr.36	Typical
108	GRATE-103	N63	N24			Grating Slat	HBrace	None	A36 Gr.36	Typical
109	GRATE-104	N62	N23			Grating Slat	HBrace	None	A36 Gr.36	Typical
110	GRATE-105	N61	N22			Grating Slat	HBrace	None	A36 Gr.36	Typical
111	GRATE-106	N60	N21			Grating Slat	HBrace	None	A36 Gr.36	Typical
112	GRATE-107	N59	N20			Grating Slat	HBrace	None	A36 Gr.36	Typical
113	GRATE-108	N58	N19			Grating Slat	HBrace	None	A36 Gr.36	Typical
114	GRATE-109	N57	N18			Grating Slat	HBrace	None	A36 Gr.36	Typical
115	GRATE-110	N56	N17			Grating Slat	HBrace	None	A36 Gr.36	Typical
116	GRATE-111	N55	N16			Grating Slat	HBrace	None	A36 Gr.36	Typical
117	GRATE-112	N54	N15			Grating Slat	HBrace	None	A36 Gr.36	Typical
118	GRATE-113	N53	N14			Grating Slat	HBrace	None	A36 Gr.36	Typical
119	GRATE-114	N464	N245			Grating Slat	HBrace	None	A36 Gr.36	Typical
120	GRATE-115	N463	N244			Grating Slat	HBrace	None	A36 Gr.36	Typical
121	GRATE-116	N462	N243			Grating Slat	HBrace	None	A36 Gr.36	Typical
122	GRATE-117	N461	N242			Grating Slat	HBrace	None	A36 Gr.36	Typical
123	GRATE-118	N460	N241			Grating Slat	HBrace	None	A36 Gr.36	Typical
124	GRATE-119	N459	N240			Grating Slat	HBrace	None	A36 Gr.36	Typical
125	GRATE-121	N458	N239			Grating Slat	HBrace	None	A36 Gr.36	Typical
126	GRATE-122	N457	N238			Grating Slat	HBrace	None	A36 Gr.36	Typical
127	GRATE-123	N456	N237			Grating Slat	HBrace	None	A36 Gr.36	Typical
128	GRATE-124	N455	N236			Grating Slat	HBrace	None	A36 Gr.36	Typical
129	GRATE-125	N454	N235			Grating Slat	HBrace	None	A36 Gr.36	Typical
130	GRATE-126	N453	N234			Grating Slat	HBrace	None	A36 Gr.36	Typical
131	GRATE-127	N51	N233			Grating Slat	HBrace	None	A36 Gr.36	Typical
132	GRATE-128	N50	N232			Grating Slat	HBrace	None	A36 Gr.36	Typical
133	GRATE-129	N452	N231			Grating Slat	HBrace	None	A36 Gr.36	Typical
134	GRATE-130	N451	N230			Grating Slat	HBrace	None	A36 Gr.36	Typical
135	GRATE-131	N450	N229			Grating Slat	HBrace	None	A36 Gr.36	Typical
136	GRATE-132	N449	N228			Grating Slat	HBrace	None	A36 Gr.36	Typical
137	GRATE-133	N448	N227			Grating Slat	HBrace	None	A36 Gr.36	Typical
138	GRATE-134	N447	N226			Grating Slat	HBrace	None	A36 Gr.36	Typical
139	GRATE-135	N49	N12			Grating Slat	HBrace	None	A36 Gr.36	Typical
140	GRATE-136	N446	N225			Grating Slat	HBrace	None	A36 Gr.36	Typical
141	GRATE-137	N445	N224			Grating Slat	HBrace	None	A36 Gr.36	Typical
142	GRATE-138	N444	N223			Grating Slat	HBrace	None	A36 Gr.36	Typical
143	GRATE-139	N443	N222			Grating Slat	HBrace	None	A36 Gr.36	Typical
144	GRATE-140	N442	N221			Grating Slat	HBrace	None	A36 Gr.36	Typical
145	GRATE-141	N441	N220			Grating Slat	HBrace	None	A36 Gr.36	Typical
146	GRATE-142	N48	N219			Grating Slat	HBrace	None	A36 Gr.36	Typical
147	GRATE-143	N47	N218			Grating Slat	HBrace	None	A36 Gr.36	Typical
148	GRATE-144	N440	N217			Grating Slat	HBrace	None	A36 Gr.36	Typical
149	GRATE-145	N439	N216			Grating Slat	HBrace	None	A36 Gr.36	Typical

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(d...	Section/Shape	Type	Design List	Material	Design Ru...
150	GRATE-146	N438	N215			Grating Slat	HBrace	None	A36 Gr.36	Typical
151	GRATE-147	N437	N214			Grating Slat	HBrace	None	A36 Gr.36	Typical
152	GRATE-148	N436	N213			Grating Slat	HBrace	None	A36 Gr.36	Typical
153	GRATE-149	N435	N212			Grating Slat	HBrace	None	A36 Gr.36	Typical
154	GRATE-150	N46	N11			Grating Slat	HBrace	None	A36 Gr.36	Typical
155	GRATE-151	N434	N211			Grating Slat	HBrace	None	A36 Gr.36	Typical
156	GRATE-152	N433	N210			Grating Slat	HBrace	None	A36 Gr.36	Typical
157	GRATE-153	N432	N209			Grating Slat	HBrace	None	A36 Gr.36	Typical
158	GRATE-154	N431	N208			Grating Slat	HBrace	None	A36 Gr.36	Typical
159	GRATE-155	N430	N207			Grating Slat	HBrace	None	A36 Gr.36	Typical
160	GRATE-156	N429	N206			Grating Slat	HBrace	None	A36 Gr.36	Typical
161	GRATE-157	N45	N10			Grating Slat	HBrace	None	A36 Gr.36	Typical
162	GRATE-158	N44	N9			Grating Slat	HBrace	None	A36 Gr.36	Typical
163	GRATE-159	N428	N205			Grating Slat	HBrace	None	A36 Gr.36	Typical
164	GRATE-160	N427	N204			Grating Slat	HBrace	None	A36 Gr.36	Typical
165	GRATE-161	N426	N203			Grating Slat	HBrace	None	A36 Gr.36	Typical
166	GRATE-162	N425	N202			Grating Slat	HBrace	None	A36 Gr.36	Typical
167	GRATE-163	N424	N201			Grating Slat	HBrace	None	A36 Gr.36	Typical
168	GRATE-164	N423	N200			Grating Slat	HBrace	None	A36 Gr.36	Typical
169	GRATE-165	N43	N8			Grating Slat	HBrace	None	A36 Gr.36	Typical
170	GRATE-166	N422	N199			Grating Slat	HBrace	None	A36 Gr.36	Typical
171	GRATE-167	N421	N198			Grating Slat	HBrace	None	A36 Gr.36	Typical
172	GRATE-168	N420	N197			Grating Slat	HBrace	None	A36 Gr.36	Typical
173	GRATE-169	N419	N196			Grating Slat	HBrace	None	A36 Gr.36	Typical
174	GRATE-170	N418	N195			Grating Slat	HBrace	None	A36 Gr.36	Typical
175	GRATE-171	N417	N194			Grating Slat	HBrace	None	A36 Gr.36	Typical
176	GRATE-172	N42	N193			Grating Slat	HBrace	None	A36 Gr.36	Typical
177	GRATE-173	N41	N192			Grating Slat	HBrace	None	A36 Gr.36	Typical
178	GRATE-174	N416	N191			Grating Slat	HBrace	None	A36 Gr.36	Typical
179	GRATE-175	N415	N190			Grating Slat	HBrace	None	A36 Gr.36	Typical
180	GRATE-176	N414	N189			Grating Slat	HBrace	None	A36 Gr.36	Typical
181	GRATE-177	N413	N188			Grating Slat	HBrace	None	A36 Gr.36	Typical
182	GRATE-178	N412	N187			Grating Slat	HBrace	None	A36 Gr.36	Typical
183	GRATE-179	N411	N186			Grating Slat	HBrace	None	A36 Gr.36	Typical
184	HR-1	N115	N89			Face Pipe Horizontal	Beam	Pipe	A53 Gr.B	Typical
185	HR-2	N172	N115			Face Pipe Horizontal	Beam	Pipe	A53 Gr.B	Typical
186	HR-3	N109	N172			Face Pipe Horizontal	Beam	Pipe	A53 Gr.B	Typical
187	HR-4	N88	N109			Face Pipe Horizontal	Beam	Pipe	A53 Gr.B	Typical
188	HR-5	N95	N88			Face Pipe Horizontal	Beam	Pipe	A53 Gr.B	Typical
189	HR-6	N171	N95			Face Pipe Horizontal	Beam	Pipe	A53 Gr.B	Typical
190	HR-7	N97	N171			Face Pipe Horizontal	Beam	Pipe	A53 Gr.B	Typical
191	HR-8	N93	N97			Face Pipe Horizontal	Beam	Pipe	A53 Gr.B	Typical
192	HR-9	N163	N93			Face Pipe Horizontal	Beam	Pipe	A53 Gr.B	Typical
193	HR-10	N170	N163			Face Pipe Horizontal	Beam	Pipe	A53 Gr.B	Typical
194	HR-11	N157	N170			Face Pipe Horizontal	Beam	Pipe	A53 Gr.B	Typical
195	HR-12	N92	N157			Face Pipe Horizontal	Beam	Pipe	A53 Gr.B	Typical
196	HR-13	N151	N92			Face Pipe Horizontal	Beam	Pipe	A53 Gr.B	Typical
197	HR-14	N169	N151			Face Pipe Horizontal	Beam	Pipe	A53 Gr.B	Typical
198	HR-15	N145	N169			Face Pipe Horizontal	Beam	Pipe	A53 Gr.B	Typical
199	HR-16	N91	N145			Face Pipe Horizontal	Beam	Pipe	A53 Gr.B	Typical
200	HR-17	N139	N91			Face Pipe Horizontal	Beam	Pipe	A53 Gr.B	Typical
201	HR-18	N168	N139			Face Pipe Horizontal	Beam	Pipe	A53 Gr.B	Typical
202	HR-19	N133	N168			Face Pipe Horizontal	Beam	Pipe	A53 Gr.B	Typical
203	HR-20	N90	N133			Face Pipe Horizontal	Beam	Pipe	A53 Gr.B	Typical
204	HR-21	N127	N90			Face Pipe Horizontal	Beam	Pipe	A53 Gr.B	Typical
205	HR-22	N173	N127			Face Pipe Horizontal	Beam	Pipe	A53 Gr.B	Typical
206	HR-23	N121	N173			Face Pipe Horizontal	Beam	Pipe	A53 Gr.B	Typical

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(d...	Section/Shape	Type	Design List	Material	Design Ru...
207	HR-24	N89	N121			Face Pipe Horizontal	Beam	Pipe	A53 Gr.B	Typical
208	I.FM-1	N177	N49			Face Pipe Horizontal	Beam	Pipe	A53 Gr.B	Typical
209	I.FM-2	N46	N177			Face Pipe Horizontal	Beam	Pipe	A53 Gr.B	Typical
210	I.FM-3	N176	N46			Face Pipe Horizontal	Beam	Pipe	A53 Gr.B	Typical
211	I.FM-4	N43	N176			Face Pipe Horizontal	Beam	Pipe	A53 Gr.B	Typical
212	I.FM-5	N174	N43			Face Pipe Horizontal	Beam	Pipe	A53 Gr.B	Typical
213	I.FM-6	N40	N174			Face Pipe Horizontal	Beam	Pipe	A53 Gr.B	Typical
214	I.FM-7	N175	N40			Face Pipe Horizontal	Beam	Pipe	A53 Gr.B	Typical
215	I.FM-8	N85	N175			Face Pipe Horizontal	Beam	Pipe	A53 Gr.B	Typical
216	I.FM-9	N185	N85			Face Pipe Horizontal	Beam	Pipe	A53 Gr.B	Typical
217	I.FM-10	N82	N185			Face Pipe Horizontal	Beam	Pipe	A53 Gr.B	Typical
218	I.FM-11	N184	N82			Face Pipe Horizontal	Beam	Pipe	A53 Gr.B	Typical
219	I.FM-12	N79	N184			Face Pipe Horizontal	Beam	Pipe	A53 Gr.B	Typical
220	I.FM-13	N183	N79			Face Pipe Horizontal	Beam	Pipe	A53 Gr.B	Typical
221	I.FM-14	N76	N183			Face Pipe Horizontal	Beam	Pipe	A53 Gr.B	Typical
222	I.FM-15	N182	N76			Face Pipe Horizontal	Beam	Pipe	A53 Gr.B	Typical
223	I.FM-16	N73	N182			Face Pipe Horizontal	Beam	Pipe	A53 Gr.B	Typical
224	I.FM-17	N181	N73			Face Pipe Horizontal	Beam	Pipe	A53 Gr.B	Typical
225	I.FM-18	N70	N181			Face Pipe Horizontal	Beam	Pipe	A53 Gr.B	Typical
226	I.FM-19	N180	N70			Face Pipe Horizontal	Beam	Pipe	A53 Gr.B	Typical
227	I.FM-20	N61	N180			Face Pipe Horizontal	Beam	Pipe	A53 Gr.B	Typical
228	I.FM-21	N179	N61			Face Pipe Horizontal	Beam	Pipe	A53 Gr.B	Typical
229	I.FM-22	N52	N179			Face Pipe Horizontal	Beam	Pipe	A53 Gr.B	Typical
230	I.FM-23	N178	N52			Face Pipe Horizontal	Beam	Pipe	A53 Gr.B	Typical
231	I.FM-24	N49	N178			Face Pipe Horizontal	Beam	Pipe	A53 Gr.B	Typical
232	M730	N94	N104			RIGID	None	None	RIGID	Typical
233	M731	N95	N105			RIGID	None	None	RIGID	Typical
234	M733	N108	N110			RIGID	None	None	RIGID	Typical
235	M734	N109	N111			RIGID	None	None	RIGID	Typical
236	M736	N114	N116			RIGID	None	None	RIGID	Typical
237	M737	N115	N117			RIGID	None	None	RIGID	Typical
238	M739	N120	N122			RIGID	None	None	RIGID	Typical
239	M740	N96	N100			RIGID	None	None	RIGID	Typical
240	M740A	N121	N123			RIGID	None	None	RIGID	Typical
241	M741	N97	N101			RIGID	None	None	RIGID	Typical
242	M742A	N126	N128			RIGID	None	None	RIGID	Typical
243	M743	N127	N129			RIGID	None	None	RIGID	Typical
244	M745	N132	N134			RIGID	None	None	RIGID	Typical
245	M746	N133	N135			RIGID	None	None	RIGID	Typical
246	M748	N138	N140			RIGID	None	None	RIGID	Typical
247	M749	N139	N141			RIGID	None	None	RIGID	Typical
248	M751	N144	N146			RIGID	None	None	RIGID	Typical
249	M752	N145	N147			RIGID	None	None	RIGID	Typical
250	M754	N150	N152			RIGID	None	None	RIGID	Typical
251	M755	N151	N153			RIGID	None	None	RIGID	Typical
252	M757	N156	N158			RIGID	None	None	RIGID	Typical
253	M758	N157	N159			RIGID	None	None	RIGID	Typical
254	M760	N162	N164			RIGID	None	None	RIGID	Typical
255	M761	N163	N165			RIGID	None	None	RIGID	Typical
256	MP1	N103	N102			Antenna Pipe	Column	Pipe	A53 Gr.B	Typical
257	MP2	N167	N166			Antenna Pipe	Column	Pipe	A53 Gr.B	Typical
258	MP3	N161	N160			Antenna Pipe	Column	Pipe	A53 Gr.B	Typical
259	MP4	N155	N154			Antenna Pipe	Column	Pipe	A53 Gr.B	Typical
260	MP5	N149	N148			Antenna Pipe	Column	Pipe	A53 Gr.B	Typical
261	MP6	N143	N142			Antenna Pipe	Column	Pipe	A53 Gr.B	Typical
262	MP7	N137	N136			Antenna Pipe	Column	Pipe	A53 Gr.B	Typical
263	MP8	N131	N130			Antenna Pipe	Column	Pipe	A53 Gr.B	Typical

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(d...	Section/Shape	Type	Design List	Material	Design Ru...
264	MP9	N125	N124			Antenna Pipe	Column	Pipe	A53 Gr.B	Typical
265	MP10	N119	N118			Antenna Pipe	Column	Pipe	A53 Gr.B	Typical
266	MP11	N113	N112			Antenna Pipe	Column	Pipe	A53 Gr.B	Typical
267	MP12	N107	N106			Antenna Pipe	Column	Pipe	A53 Gr.B	Typical
268	O.FM-1	N114	N12			Face Pipe Horizontal	Beam	Pipe	A53 Gr.B	Typical
269	O.FM-2	N11	N114			Face Pipe Horizontal	Beam	Pipe	A53 Gr.B	Typical
270	O.FM-3	N108	N11			Face Pipe Horizontal	Beam	Pipe	A53 Gr.B	Typical
271	O.FM-4	N8	N108			Face Pipe Horizontal	Beam	Pipe	A53 Gr.B	Typical
272	O.FM-5	N94	N8			Face Pipe Horizontal	Beam	Pipe	A53 Gr.B	Typical
273	O.FM-6	N7	N94			Face Pipe Horizontal	Beam	Pipe	A53 Gr.B	Typical
274	O.FM-7	N96	N7			Face Pipe Horizontal	Beam	Pipe	A53 Gr.B	Typical
275	O.FM-8	N39	N96			Face Pipe Horizontal	Beam	Pipe	A53 Gr.B	Typical
276	O.FM-9	N162	N39			Face Pipe Horizontal	Beam	Pipe	A53 Gr.B	Typical
277	O.FM-10	N36	N162			Face Pipe Horizontal	Beam	Pipe	A53 Gr.B	Typical
278	O.FM-11	N156	N36			Face Pipe Horizontal	Beam	Pipe	A53 Gr.B	Typical
279	O.FM-12	N35	N156			Face Pipe Horizontal	Beam	Pipe	A53 Gr.B	Typical
280	O.FM-13	N150	N35			Face Pipe Horizontal	Beam	Pipe	A53 Gr.B	Typical
281	O.FM-14	N34	N150			Face Pipe Horizontal	Beam	Pipe	A53 Gr.B	Typical
282	O.FM-15	N144	N34			Face Pipe Horizontal	Beam	Pipe	A53 Gr.B	Typical
283	O.FM-16	N31	N144			Face Pipe Horizontal	Beam	Pipe	A53 Gr.B	Typical
284	O.FM-17	N138	N31			Face Pipe Horizontal	Beam	Pipe	A53 Gr.B	Typical
285	O.FM-18	N30	N138			Face Pipe Horizontal	Beam	Pipe	A53 Gr.B	Typical
286	O.FM-19	N132	N30			Face Pipe Horizontal	Beam	Pipe	A53 Gr.B	Typical
287	O.FM-20	N22	N132			Face Pipe Horizontal	Beam	Pipe	A53 Gr.B	Typical
288	O.FM-21	N126	N22			Face Pipe Horizontal	Beam	Pipe	A53 Gr.B	Typical
289	O.FM-22	N13	N126			Face Pipe Horizontal	Beam	Pipe	A53 Gr.B	Typical
290	O.FM-23	N120	N13			Face Pipe Horizontal	Beam	Pipe	A53 Gr.B	Typical
291	O.FM-24	N12	N120			Face Pipe Horizontal	Beam	Pipe	A53 Gr.B	Typical
292	SA-1	N1	N4			Standoff Tube	Beam	HSS Pipe	A500 Gr.B Rect	Typical
293	SA-2	N3	N6			Standoff Tube	Beam	HSS Pipe	A500 Gr.B Rect	Typical
294	SA-3	N2	N5			Standoff Tube	Beam	HSS Pipe	A500 Gr.B Rect	Typical

Member Advanced Data

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rati..	Analysi...	Inactive	Seismic ...
1	FM.V-1						Yes	** NA **			None
2	FM.V-2						Yes	** NA **			None
3	FM.V-3						Yes	** NA **			None
4	FM.V-4						Yes	** NA **			None
5	FM.V-5						Yes	** NA **			None
6	FM.V-6						Yes	** NA **			None
7	GRATE-1			1.75	1.75		Yes	** NA **			None
8	GRATE-2			1.75	1.75		Yes	** NA **			None
9	GRATE-3			1.75	1.75		Yes	** NA **			None
10	GRATE-4			1.75	1.75		Yes	** NA **			None
11	GRATE-5			1.75	1.75		Yes	** NA **			None
12	GRATE-6			1.75	1.75		Yes	** NA **			None
13	GRATE-7			1.75	1.75		Yes	** NA **			None
14	GRATE-8			1.75	1.75		Yes	** NA **			None
15	GRATE-9			1.75	1.75		Yes	** NA **			None
16	GRATE-10			1.75	1.75		Yes	** NA **			None
17	GRATE-11			1.75	1.75		Yes	** NA **			None
18	GRATE-12			1.75	1.75		Yes	** NA **			None
19	GRATE-13			1.75	1.75		Yes	** NA **			None
20	GRATE-14			1.75	1.75		Yes	** NA **			None
21	GRATE-15			1.75	1.75		Yes	** NA **			None

Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rati..	Analysi...	Inactive	Seismic ...
22	GRATE-16			1.75	1.75		Yes	** NA **			None
23	GRATE-17			1.75	1.75		Yes	** NA **			None
24	GRATE-18			1.75	1.75		Yes	** NA **			None
25	GRATE-19			1.75	1.75		Yes	** NA **			None
26	GRATE-20			1.75	1.75		Yes	** NA **			None
27	GRATE-21			1.75	1.75		Yes	** NA **			None
28	GRATE-22			1.75	1.75		Yes	** NA **			None
29	GRATE-23			1.75	1.75		Yes	** NA **			None
30	GRATE-24			1.75	1.75		Yes	** NA **			None
31	GRATE-25			1.75	1.75		Yes	** NA **			None
32	GRATE-26			1.75	1.75		Yes	** NA **			None
33	GRATE-27			1.75	1.75		Yes	** NA **			None
34	GRATE-28			1.75	1.75		Yes	** NA **			None
35	GRATE-29			1.75	1.75		Yes	** NA **			None
36	GRATE-30			1.75	1.75		Yes	** NA **			None
37	GRATE-31			1.75	1.75		Yes	** NA **			None
38	GRATE-32			1.75	1.75		Yes	** NA **			None
39	GRATE-33			1.75	1.75		Yes	** NA **			None
40	GRATE-34			1.75	1.75		Yes	** NA **			None
41	GRATE-35			1.75	1.75		Yes	** NA **			None
42	GRATE-36			1.75	1.75		Yes	** NA **			None
43	GRATE-37			1.75	1.75		Yes	** NA **			None
44	GRATE-38			1.75	1.75		Yes	** NA **			None
45	GRATE-39			1.75	1.75		Yes	** NA **			None
46	GRATE-40			1.75	1.75		Yes	** NA **			None
47	GRATE-41			1.75	1.75		Yes	** NA **			None
48	GRATE-42			1.75	1.75		Yes	** NA **			None
49	GRATE-43			1.75	1.75		Yes	** NA **			None
50	GRATE-44			1.75	1.75		Yes	** NA **			None
51	GRATE-45			1.75	1.75		Yes	** NA **			None
52	GRATE-46			1.75	1.75		Yes	** NA **			None
53	GRATE-47			1.75	1.75		Yes	** NA **			None
54	GRATE-48			1.75	1.75		Yes	** NA **			None
55	GRATE-49			1.75	1.75		Yes	** NA **			None
56	GRATE-50			1.75	1.75		Yes	** NA **			None
57	GRATE-51			1.75	1.75		Yes	** NA **			None
58	GRATE-52			1.75	1.75		Yes	** NA **			None
59	GRATE-53			1.75	1.75		Yes	** NA **			None
60	GRATE-54			1.75	1.75		Yes	** NA **			None
61	GRATE-55			1.75	1.75		Yes	** NA **			None
62	GRATE-56			1.75	1.75		Yes	** NA **			None
63	GRATE-57			1.75	1.75		Yes	** NA **			None
64	GRATE-58			1.75	1.75		Yes	** NA **			None
65	GRATE-59			1.75	1.75		Yes	** NA **			None
66	GRATE-61			1.75	1.75		Yes	** NA **			None
67	GRATE-62			1.75	1.75		Yes	** NA **			None
68	GRATE-63			1.75	1.75		Yes	** NA **			None
69	GRATE-64			1.75	1.75		Yes	** NA **			None
70	GRATE-65			1.75	1.75		Yes	** NA **			None
71	GRATE-66			1.75	1.75		Yes	** NA **			None
72	GRATE-67			1.75	1.75		Yes	** NA **			None
73	GRATE-68			1.75	1.75		Yes	** NA **			None
74	GRATE-69			1.75	1.75		Yes	** NA **			None
75	GRATE-70			1.75	1.75		Yes	** NA **			None
76	GRATE-71			1.75	1.75		Yes	** NA **			None
77	GRATE-72			1.75	1.75		Yes	** NA **			None
78	GRATE-73			1.75	1.75		Yes	** NA **			None

Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rati..	Analysi...	Inactive	Seismic ...
79	GRATE-74			1.75	1.75		Yes	** NA **			None
80	GRATE-75			1.75	1.75		Yes	** NA **			None
81	GRATE-76			1.75	1.75		Yes	** NA **			None
82	GRATE-77			1.75	1.75		Yes	** NA **			None
83	GRATE-78			1.75	1.75		Yes	** NA **			None
84	GRATE-79			1.75	1.75		Yes	** NA **			None
85	GRATE-80			1.75	1.75		Yes	** NA **			None
86	GRATE-81			1.75	1.75		Yes	** NA **			None
87	GRATE-82			1.75	1.75		Yes	** NA **			None
88	GRATE-83			1.75	1.75		Yes	** NA **			None
89	GRATE-84			1.75	1.75		Yes	** NA **			None
90	GRATE-85			1.75	1.75		Yes	** NA **			None
91	GRATE-86			1.75	1.75		Yes	** NA **			None
92	GRATE-87			1.75	1.75		Yes	** NA **			None
93	GRATE-88			1.75	1.75		Yes	** NA **			None
94	GRATE-89			1.75	1.75		Yes	** NA **			None
95	GRATE-90			1.75	1.75		Yes	** NA **			None
96	GRATE-91			1.75	1.75		Yes	** NA **			None
97	GRATE-92			1.75	1.75		Yes	** NA **			None
98	GRATE-93			1.75	1.75		Yes	** NA **			None
99	GRATE-94			1.75	1.75		Yes	** NA **			None
100	GRATE-95			1.75	1.75		Yes	** NA **			None
101	GRATE-96			1.75	1.75		Yes	** NA **			None
102	GRATE-97			1.75	1.75		Yes	** NA **			None
103	GRATE-98			1.75	1.75		Yes	** NA **			None
104	GRATE-99			1.75	1.75		Yes	** NA **			None
105	GRATE-100			1.75	1.75		Yes	** NA **			None
106	GRATE-101			1.75	1.75		Yes	** NA **			None
107	GRATE-102			1.75	1.75		Yes	** NA **			None
108	GRATE-103			1.75	1.75		Yes	** NA **			None
109	GRATE-104			1.75	1.75		Yes	** NA **			None
110	GRATE-105			1.75	1.75		Yes	** NA **			None
111	GRATE-106			1.75	1.75		Yes	** NA **			None
112	GRATE-107			1.75	1.75		Yes	** NA **			None
113	GRATE-108			1.75	1.75		Yes	** NA **			None
114	GRATE-109			1.75	1.75		Yes	** NA **			None
115	GRATE-110			1.75	1.75		Yes	** NA **			None
116	GRATE-111			1.75	1.75		Yes	** NA **			None
117	GRATE-112			1.75	1.75		Yes	** NA **			None
118	GRATE-113			1.75	1.75		Yes	** NA **			None
119	GRATE-114			1.75	1.75		Yes	** NA **			None
120	GRATE-115			1.75	1.75		Yes	** NA **			None
121	GRATE-116			1.75	1.75		Yes	** NA **			None
122	GRATE-117			1.75	1.75		Yes	** NA **			None
123	GRATE-118			1.75	1.75		Yes	** NA **			None
124	GRATE-119			1.75	1.75		Yes	** NA **			None
125	GRATE-121			1.75	1.75		Yes	** NA **			None
126	GRATE-122			1.75	1.75		Yes	** NA **			None
127	GRATE-123			1.75	1.75		Yes	** NA **			None
128	GRATE-124			1.75	1.75		Yes	** NA **			None
129	GRATE-125			1.75	1.75		Yes	** NA **			None
130	GRATE-126			1.75	1.75		Yes	** NA **			None
131	GRATE-127			1.75	1.75		Yes	** NA **			None
132	GRATE-128			1.75	1.75		Yes	** NA **			None
133	GRATE-129			1.75	1.75		Yes	** NA **			None
134	GRATE-130			1.75	1.75		Yes	** NA **			None
135	GRATE-131			1.75	1.75		Yes	** NA **			None

Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rati..	Analysi...	Inactive	Seismic ...
136	GRATE-132			1.75	1.75		Yes	** NA **			None
137	GRATE-133			1.75	1.75		Yes	** NA **			None
138	GRATE-134			1.75	1.75		Yes	** NA **			None
139	GRATE-135			1.75	1.75		Yes	** NA **			None
140	GRATE-136			1.75	1.75		Yes	** NA **			None
141	GRATE-137			1.75	1.75		Yes	** NA **			None
142	GRATE-138			1.75	1.75		Yes	** NA **			None
143	GRATE-139			1.75	1.75		Yes	** NA **			None
144	GRATE-140			1.75	1.75		Yes	** NA **			None
145	GRATE-141			1.75	1.75		Yes	** NA **			None
146	GRATE-142			1.75	1.75		Yes	** NA **			None
147	GRATE-143			1.75	1.75		Yes	** NA **			None
148	GRATE-144			1.75	1.75		Yes	** NA **			None
149	GRATE-145			1.75	1.75		Yes	** NA **			None
150	GRATE-146			1.75	1.75		Yes	** NA **			None
151	GRATE-147			1.75	1.75		Yes	** NA **			None
152	GRATE-148			1.75	1.75		Yes	** NA **			None
153	GRATE-149			1.75	1.75		Yes	** NA **			None
154	GRATE-150			1.75	1.75		Yes	** NA **			None
155	GRATE-151			1.75	1.75		Yes	** NA **			None
156	GRATE-152			1.75	1.75		Yes	** NA **			None
157	GRATE-153			1.75	1.75		Yes	** NA **			None
158	GRATE-154			1.75	1.75		Yes	** NA **			None
159	GRATE-155			1.75	1.75		Yes	** NA **			None
160	GRATE-156			1.75	1.75		Yes	** NA **			None
161	GRATE-157			1.75	1.75		Yes	** NA **			None
162	GRATE-158			1.75	1.75		Yes	** NA **			None
163	GRATE-159			1.75	1.75		Yes	** NA **			None
164	GRATE-160			1.75	1.75		Yes	** NA **			None
165	GRATE-161			1.75	1.75		Yes	** NA **			None
166	GRATE-162			1.75	1.75		Yes	** NA **			None
167	GRATE-163			1.75	1.75		Yes	** NA **			None
168	GRATE-164			1.75	1.75		Yes	** NA **			None
169	GRATE-165			1.75	1.75		Yes	** NA **			None
170	GRATE-166			1.75	1.75		Yes	** NA **			None
171	GRATE-167			1.75	1.75		Yes	** NA **			None
172	GRATE-168			1.75	1.75		Yes	** NA **			None
173	GRATE-169			1.75	1.75		Yes	** NA **			None
174	GRATE-170			1.75	1.75		Yes	** NA **			None
175	GRATE-171			1.75	1.75		Yes	** NA **			None
176	GRATE-172			1.75	1.75		Yes	** NA **			None
177	GRATE-173			1.75	1.75		Yes	** NA **			None
178	GRATE-174			1.75	1.75		Yes	** NA **			None
179	GRATE-175			1.75	1.75		Yes	** NA **			None
180	GRATE-176			1.75	1.75		Yes	** NA **			None
181	GRATE-177			1.75	1.75		Yes	** NA **			None
182	GRATE-178			1.75	1.75		Yes	** NA **			None
183	GRATE-179			1.75	1.75		Yes	** NA **			None
184	HR-1						Yes				None
185	HR-2						Yes				None
186	HR-3						Yes				None
187	HR-4						Yes				None
188	HR-5						Yes				None
189	HR-6						Yes				None
190	HR-7						Yes				None
191	HR-8						Yes				None
192	HR-9						Yes				None

Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rati..	Analysi...	Inactive	Seismic ...
193	HR-10						Yes				None
194	HR-11						Yes				None
195	HR-12						Yes				None
196	HR-13						Yes				None
197	HR-14						Yes				None
198	HR-15						Yes				None
199	HR-16						Yes				None
200	HR-17						Yes				None
201	HR-18						Yes				None
202	HR-19						Yes				None
203	HR-20						Yes				None
204	HR-21						Yes				None
205	HR-22						Yes				None
206	HR-23						Yes				None
207	HR-24						Yes				None
208	I.FM-1						Yes				None
209	I.FM-2						Yes				None
210	I.FM-3						Yes				None
211	I.FM-4						Yes				None
212	I.FM-5						Yes				None
213	I.FM-6						Yes				None
214	I.FM-7						Yes				None
215	I.FM-8						Yes				None
216	I.FM-9						Yes				None
217	I.FM-10						Yes				None
218	I.FM-11						Yes				None
219	I.FM-12						Yes				None
220	I.FM-13						Yes				None
221	I.FM-14						Yes				None
222	I.FM-15						Yes				None
223	I.FM-16						Yes				None
224	I.FM-17						Yes				None
225	I.FM-18						Yes				None
226	I.FM-19						Yes				None
227	I.FM-20						Yes				None
228	I.FM-21						Yes				None
229	I.FM-22						Yes				None
230	I.FM-23						Yes				None
231	I.FM-24						Yes				None
232	M730						Yes	** NA **			None
233	M731						Yes	** NA **			None
234	M733						Yes	** NA **			None
235	M734						Yes	** NA **			None
236	M736						Yes	** NA **			None
237	M737						Yes	** NA **			None
238	M739						Yes	** NA **			None
239	M740						Yes	** NA **			None
240	M740A						Yes	** NA **			None
241	M741						Yes	** NA **			None
242	M742A						Yes	** NA **			None
243	M743						Yes	** NA **			None
244	M745						Yes	** NA **			None
245	M746						Yes	** NA **			None
246	M748						Yes	** NA **			None
247	M749						Yes	** NA **			None
248	M751						Yes	** NA **			None
249	M752						Yes	** NA **			None

Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rati..	Analysi...	Inactive	Seismic ...
250	M754						Yes	** NA **			None
251	M755						Yes	** NA **			None
252	M757						Yes	** NA **			None
253	M758						Yes	** NA **			None
254	M760						Yes	** NA **			None
255	M761						Yes	** NA **			None
256	MP1						Yes	** NA **			None
257	MP2						Yes	** NA **			None
258	MP3						Yes	** NA **			None
259	MP4						Yes	** NA **			None
260	MP5						Yes	** NA **			None
261	MP6						Yes	** NA **			None
262	MP7						Yes	** NA **			None
263	MP8						Yes	** NA **			None
264	MP9						Yes	** NA **			None
265	MP10						Yes	** NA **			None
266	MP11						Yes	** NA **			None
267	MP12						Yes	** NA **			None
268	O.FM-1						Yes				None
269	O.FM-2						Yes				None
270	O.FM-3						Yes				None
271	O.FM-4						Yes				None
272	O.FM-5						Yes				None
273	O.FM-6						Yes				None
274	O.FM-7						Yes				None
275	O.FM-8						Yes				None
276	O.FM-9						Yes				None
277	O.FM-10						Yes				None
278	O.FM-11						Yes				None
279	O.FM-12						Yes				None
280	O.FM-13						Yes				None
281	O.FM-14						Yes				None
282	O.FM-15						Yes				None
283	O.FM-16						Yes				None
284	O.FM-17						Yes				None
285	O.FM-18						Yes				None
286	O.FM-19						Yes				None
287	O.FM-20						Yes				None
288	O.FM-21						Yes				None
289	O.FM-22						Yes				None
290	O.FM-23						Yes				None
291	O.FM-24						Yes				None
292	SA-1						Yes				None
293	SA-2						Yes				None
294	SA-3						Yes				None

Hot Rolled Steel Design Parameters

	Label	Shape	Length[i...	Lbyy[in]	Lbzz[in]	Lcomp top[...	Lcomp bot[...	L-torq...	Kyy	Kzz	Cb	Functi...
1	FM.V-1	Face Pipe Vertical	36									Lateral
2	FM.V-2	Face Pipe Vertical	36									Lateral
3	FM.V-3	Face Pipe Vertical	36									Lateral
4	FM.V-4	Face Pipe Vertical	36									Lateral
5	FM.V-5	Face Pipe Vertical	36									Lateral
6	FM.V-6	Face Pipe Vertical	36									Lateral
7	GRATE-1	Grating Slat	23.988									Lateral

Hot Rolled Steel Design Parameters (Continued)

	Label	Shape	Length[i...	Lbyy[in]	Lbzz[in]	Lcomp top[...	Lcomp bot[...	L-torq...	Kyy	Kzz	Cb	Functi...
8	GRATE-2	Grating Slat	23.922									Lateral
9	GRATE-3	Grating Slat	23.885									Lateral
10	GRATE-4	Grating Slat	23.877									Lateral
11	GRATE-5	Grating Slat	23.898									Lateral
12	GRATE-6	Grating Slat	23.949									Lateral
13	GRATE-7	Grating Slat	24.029									Lateral
14	GRATE-8	Grating Slat	24.029									Lateral
15	GRATE-9	Grating Slat	23.949									Lateral
16	GRATE-10	Grating Slat	23.898									Lateral
17	GRATE-11	Grating Slat	23.877									Lateral
18	GRATE-12	Grating Slat	23.885									Lateral
19	GRATE-13	Grating Slat	23.922									Lateral
20	GRATE-14	Grating Slat	23.988									Lateral
21	GRATE-15	Grating Slat	24.084									Lateral
22	GRATE-16	Grating Slat	23.988									Lateral
23	GRATE-17	Grating Slat	23.922									Lateral
24	GRATE-18	Grating Slat	23.885									Lateral
25	GRATE-19	Grating Slat	23.877									Lateral
26	GRATE-20	Grating Slat	23.898									Lateral
27	GRATE-21	Grating Slat	23.949									Lateral
28	GRATE-22	Grating Slat	24.029									Lateral
29	GRATE-23	Grating Slat	24.029									Lateral
30	GRATE-24	Grating Slat	23.949									Lateral
31	GRATE-25	Grating Slat	23.898									Lateral
32	GRATE-26	Grating Slat	23.877									Lateral
33	GRATE-27	Grating Slat	23.885									Lateral
34	GRATE-28	Grating Slat	23.922									Lateral
35	GRATE-29	Grating Slat	23.988									Lateral
36	GRATE-30	Grating Slat	24.084									Lateral
37	GRATE-31	Grating Slat	23.988									Lateral
38	GRATE-32	Grating Slat	23.922									Lateral
39	GRATE-33	Grating Slat	23.885									Lateral
40	GRATE-34	Grating Slat	23.877									Lateral
41	GRATE-35	Grating Slat	23.898									Lateral
42	GRATE-36	Grating Slat	23.949									Lateral
43	GRATE-37	Grating Slat	24.029									Lateral
44	GRATE-38	Grating Slat	24.029									Lateral
45	GRATE-39	Grating Slat	23.949									Lateral
46	GRATE-40	Grating Slat	23.898									Lateral
47	GRATE-41	Grating Slat	23.877									Lateral
48	GRATE-42	Grating Slat	23.885									Lateral
49	GRATE-43	Grating Slat	23.922									Lateral
50	GRATE-44	Grating Slat	23.988									Lateral
51	GRATE-45	Grating Slat	24.084									Lateral
52	GRATE-46	Grating Slat	23.988									Lateral
53	GRATE-47	Grating Slat	23.922									Lateral
54	GRATE-48	Grating Slat	23.885									Lateral
55	GRATE-49	Grating Slat	23.877									Lateral
56	GRATE-50	Grating Slat	23.898									Lateral
57	GRATE-51	Grating Slat	23.949									Lateral
58	GRATE-52	Grating Slat	24.029									Lateral
59	GRATE-53	Grating Slat	24.029									Lateral
60	GRATE-54	Grating Slat	23.949									Lateral
61	GRATE-55	Grating Slat	23.898									Lateral
62	GRATE-56	Grating Slat	23.877									Lateral
63	GRATE-57	Grating Slat	23.885									Lateral
64	GRATE-58	Grating Slat	23.922									Lateral

Hot Rolled Steel Design Parameters (Continued)

	Label	Shape	Length[i...	Lbyy[in]	Lbzz[in]	Lcomp top[...	Lcomp bot[...	L-torq...	Kyy	Kzz	Cb	Functi...
65	GRATE-59	Grating Slat	23.988									Lateral
66	GRATE-61	Grating Slat	23.988									Lateral
67	GRATE-62	Grating Slat	23.922									Lateral
68	GRATE-63	Grating Slat	23.885									Lateral
69	GRATE-64	Grating Slat	23.877									Lateral
70	GRATE-65	Grating Slat	23.898									Lateral
71	GRATE-66	Grating Slat	23.949									Lateral
72	GRATE-67	Grating Slat	24.029									Lateral
73	GRATE-68	Grating Slat	24.029									Lateral
74	GRATE-69	Grating Slat	23.949									Lateral
75	GRATE-70	Grating Slat	23.898									Lateral
76	GRATE-71	Grating Slat	23.877									Lateral
77	GRATE-72	Grating Slat	23.885									Lateral
78	GRATE-73	Grating Slat	23.922									Lateral
79	GRATE-74	Grating Slat	23.988									Lateral
80	GRATE-75	Grating Slat	24.084									Lateral
81	GRATE-76	Grating Slat	23.988									Lateral
82	GRATE-77	Grating Slat	23.922									Lateral
83	GRATE-78	Grating Slat	23.885									Lateral
84	GRATE-79	Grating Slat	23.877									Lateral
85	GRATE-80	Grating Slat	23.898									Lateral
86	GRATE-81	Grating Slat	23.949									Lateral
87	GRATE-82	Grating Slat	24.029									Lateral
88	GRATE-83	Grating Slat	24.029									Lateral
89	GRATE-84	Grating Slat	23.949									Lateral
90	GRATE-85	Grating Slat	23.898									Lateral
91	GRATE-86	Grating Slat	23.877									Lateral
92	GRATE-87	Grating Slat	23.885									Lateral
93	GRATE-88	Grating Slat	23.922									Lateral
94	GRATE-89	Grating Slat	23.988									Lateral
95	GRATE-90	Grating Slat	24.084									Lateral
96	GRATE-91	Grating Slat	23.988									Lateral
97	GRATE-92	Grating Slat	23.922									Lateral
98	GRATE-93	Grating Slat	23.885									Lateral
99	GRATE-94	Grating Slat	23.877									Lateral
100	GRATE-95	Grating Slat	23.898									Lateral
101	GRATE-96	Grating Slat	23.949									Lateral
102	GRATE-97	Grating Slat	24.029									Lateral
103	GRATE-98	Grating Slat	24.029									Lateral
104	GRATE-99	Grating Slat	23.949									Lateral
105	GRATE-100	Grating Slat	23.898									Lateral
106	GRATE-101	Grating Slat	23.877									Lateral
107	GRATE-102	Grating Slat	23.885									Lateral
108	GRATE-103	Grating Slat	23.922									Lateral
109	GRATE-104	Grating Slat	23.988									Lateral
110	GRATE-105	Grating Slat	24.084									Lateral
111	GRATE-106	Grating Slat	23.988									Lateral
112	GRATE-107	Grating Slat	23.922									Lateral
113	GRATE-108	Grating Slat	23.885									Lateral
114	GRATE-109	Grating Slat	23.877									Lateral
115	GRATE-110	Grating Slat	23.898									Lateral
116	GRATE-111	Grating Slat	23.949									Lateral
117	GRATE-112	Grating Slat	24.029									Lateral
118	GRATE-113	Grating Slat	24.029									Lateral
119	GRATE-114	Grating Slat	23.949									Lateral
120	GRATE-115	Grating Slat	23.898									Lateral
121	GRATE-116	Grating Slat	23.877									Lateral

Hot Rolled Steel Design Parameters (Continued)

	Label	Shape	Length[i...	Lbyy[in]	Lbzz[in]	Lcomp top[...	Lcomp bot[...	L-torq...	Kyy	Kzz	Cb	Functi...
122	GRATE-117	Grating Slat	23.885									Lateral
123	GRATE-118	Grating Slat	23.922									Lateral
124	GRATE-119	Grating Slat	23.988									Lateral
125	GRATE-121	Grating Slat	23.988									Lateral
126	GRATE-122	Grating Slat	23.922									Lateral
127	GRATE-123	Grating Slat	23.885									Lateral
128	GRATE-124	Grating Slat	23.877									Lateral
129	GRATE-125	Grating Slat	23.898									Lateral
130	GRATE-126	Grating Slat	23.949									Lateral
131	GRATE-127	Grating Slat	24.029									Lateral
132	GRATE-128	Grating Slat	24.029									Lateral
133	GRATE-129	Grating Slat	23.949									Lateral
134	GRATE-130	Grating Slat	23.898									Lateral
135	GRATE-131	Grating Slat	23.877									Lateral
136	GRATE-132	Grating Slat	23.885									Lateral
137	GRATE-133	Grating Slat	23.922									Lateral
138	GRATE-134	Grating Slat	23.988									Lateral
139	GRATE-135	Grating Slat	24.084									Lateral
140	GRATE-136	Grating Slat	23.988									Lateral
141	GRATE-137	Grating Slat	23.922									Lateral
142	GRATE-138	Grating Slat	23.885									Lateral
143	GRATE-139	Grating Slat	23.877									Lateral
144	GRATE-140	Grating Slat	23.898									Lateral
145	GRATE-141	Grating Slat	23.949									Lateral
146	GRATE-142	Grating Slat	24.029									Lateral
147	GRATE-143	Grating Slat	24.029									Lateral
148	GRATE-144	Grating Slat	23.949									Lateral
149	GRATE-145	Grating Slat	23.898									Lateral
150	GRATE-146	Grating Slat	23.877									Lateral
151	GRATE-147	Grating Slat	23.885									Lateral
152	GRATE-148	Grating Slat	23.922									Lateral
153	GRATE-149	Grating Slat	23.988									Lateral
154	GRATE-150	Grating Slat	24.084									Lateral
155	GRATE-151	Grating Slat	23.988									Lateral
156	GRATE-152	Grating Slat	23.922									Lateral
157	GRATE-153	Grating Slat	23.885									Lateral
158	GRATE-154	Grating Slat	23.877									Lateral
159	GRATE-155	Grating Slat	23.898									Lateral
160	GRATE-156	Grating Slat	23.949									Lateral
161	GRATE-157	Grating Slat	24.029									Lateral
162	GRATE-158	Grating Slat	24.029									Lateral
163	GRATE-159	Grating Slat	23.949									Lateral
164	GRATE-160	Grating Slat	23.898									Lateral
165	GRATE-161	Grating Slat	23.877									Lateral
166	GRATE-162	Grating Slat	23.885									Lateral
167	GRATE-163	Grating Slat	23.922									Lateral
168	GRATE-164	Grating Slat	23.988									Lateral
169	GRATE-165	Grating Slat	24.084									Lateral
170	GRATE-166	Grating Slat	23.988									Lateral
171	GRATE-167	Grating Slat	23.922									Lateral
172	GRATE-168	Grating Slat	23.885									Lateral
173	GRATE-169	Grating Slat	23.877									Lateral
174	GRATE-170	Grating Slat	23.898									Lateral
175	GRATE-171	Grating Slat	23.949									Lateral
176	GRATE-172	Grating Slat	24.029									Lateral
177	GRATE-173	Grating Slat	24.029									Lateral
178	GRATE-174	Grating Slat	23.949									Lateral

Hot Rolled Steel Design Parameters (Continued)

	Label	Shape	Length[i...	Lbyy[in]	Lbzz[in]	Lcomp top[...	Lcomp bot[...	L-torq...	Kyy	Kzz	Cb	Functi...
179	GRATE-175	Grating Slat	23.898									Lateral
180	GRATE-176	Grating Slat	23.877									Lateral
181	GRATE-177	Grating Slat	23.885									Lateral
182	GRATE-178	Grating Slat	23.922									Lateral
183	GRATE-179	Grating Slat	23.988									Lateral
184	HR-1	Face Pipe Horizo...	21.927									Lateral
185	HR-2	Face Pipe Horizo...	21.927									Lateral
186	HR-3	Face Pipe Horizo...	21.927									Lateral
187	HR-4	Face Pipe Horizo...	21.927									Lateral
188	HR-5	Face Pipe Horizo...	21.927									Lateral
189	HR-6	Face Pipe Horizo...	21.927									Lateral
190	HR-7	Face Pipe Horizo...	21.927									Lateral
191	HR-8	Face Pipe Horizo...	21.927									Lateral
192	HR-9	Face Pipe Horizo...	21.927									Lateral
193	HR-10	Face Pipe Horizo...	21.927									Lateral
194	HR-11	Face Pipe Horizo...	21.927									Lateral
195	HR-12	Face Pipe Horizo...	21.927									Lateral
196	HR-13	Face Pipe Horizo...	21.927									Lateral
197	HR-14	Face Pipe Horizo...	21.927									Lateral
198	HR-15	Face Pipe Horizo...	21.927									Lateral
199	HR-16	Face Pipe Horizo...	21.927									Lateral
200	HR-17	Face Pipe Horizo...	21.927									Lateral
201	HR-18	Face Pipe Horizo...	21.927									Lateral
202	HR-19	Face Pipe Horizo...	21.927									Lateral
203	HR-20	Face Pipe Horizo...	21.927									Lateral
204	HR-21	Face Pipe Horizo...	21.927									Lateral
205	HR-22	Face Pipe Horizo...	21.927									Lateral
206	HR-23	Face Pipe Horizo...	21.927									Lateral
207	HR-24	Face Pipe Horizo...	21.927									Lateral
208	I.FM-1	Face Pipe Horizo...	15.64									Lateral
209	I.FM-2	Face Pipe Horizo...	15.64									Lateral
210	I.FM-3	Face Pipe Horizo...	15.64									Lateral
211	I.FM-4	Face Pipe Horizo...	15.64									Lateral
212	I.FM-5	Face Pipe Horizo...	15.64									Lateral
213	I.FM-6	Face Pipe Horizo...	15.64									Lateral
214	I.FM-7	Face Pipe Horizo...	15.64									Lateral
215	I.FM-8	Face Pipe Horizo...	15.64									Lateral
216	I.FM-9	Face Pipe Horizo...	15.64									Lateral
217	I.FM-10	Face Pipe Horizo...	15.64									Lateral
218	I.FM-11	Face Pipe Horizo...	15.64									Lateral
219	I.FM-12	Face Pipe Horizo...	15.64									Lateral
220	I.FM-13	Face Pipe Horizo...	15.64									Lateral
221	I.FM-14	Face Pipe Horizo...	15.641									Lateral
222	I.FM-15	Face Pipe Horizo...	15.639									Lateral
223	I.FM-16	Face Pipe Horizo...	15.64									Lateral
224	I.FM-17	Face Pipe Horizo...	15.64									Lateral
225	I.FM-18	Face Pipe Horizo...	15.64									Lateral
226	I.FM-19	Face Pipe Horizo...	15.64									Lateral
227	I.FM-20	Face Pipe Horizo...	15.64									Lateral
228	I.FM-21	Face Pipe Horizo...	15.64									Lateral
229	I.FM-22	Face Pipe Horizo...	15.639									Lateral
230	I.FM-23	Face Pipe Horizo...	15.641									Lateral
231	I.FM-24	Face Pipe Horizo...	15.64									Lateral
232	MP1	Antenna Pipe	96									Lateral
233	MP2	Antenna Pipe	96									Lateral
234	MP3	Antenna Pipe	96									Lateral
235	MP4	Antenna Pipe	96									Lateral

Hot Rolled Steel Design Parameters (Continued)

	Label	Shape	Length[i...	Lbyy[in]	Lbzz[in]	Lcomp top[...	Lcomp bot[...	L-torq...	Kyy	Kzz	Cb	Functi...
236	MP5	Antenna Pipe	96									Lateral
237	MP6	Antenna Pipe	96									Lateral
238	MP7	Antenna Pipe	96									Lateral
239	MP8	Antenna Pipe	96									Lateral
240	MP9	Antenna Pipe	96									Lateral
241	MP10	Antenna Pipe	96									Lateral
242	MP11	Antenna Pipe	96									Lateral
243	MP12	Antenna Pipe	96									Lateral
244	O.FM-1	Face Pipe Horizo...	21.927									Lateral
245	O.FM-2	Face Pipe Horizo...	21.927									Lateral
246	O.FM-3	Face Pipe Horizo...	21.927									Lateral
247	O.FM-4	Face Pipe Horizo...	21.927									Lateral
248	O.FM-5	Face Pipe Horizo...	21.927									Lateral
249	O.FM-6	Face Pipe Horizo...	21.927									Lateral
250	O.FM-7	Face Pipe Horizo...	21.927									Lateral
251	O.FM-8	Face Pipe Horizo...	21.927									Lateral
252	O.FM-9	Face Pipe Horizo...	21.927									Lateral
253	O.FM-10	Face Pipe Horizo...	21.927									Lateral
254	O.FM-11	Face Pipe Horizo...	21.927									Lateral
255	O.FM-12	Face Pipe Horizo...	21.927									Lateral
256	O.FM-13	Face Pipe Horizo...	21.927									Lateral
257	O.FM-14	Face Pipe Horizo...	21.927									Lateral
258	O.FM-15	Face Pipe Horizo...	21.926									Lateral
259	O.FM-16	Face Pipe Horizo...	21.927									Lateral
260	O.FM-17	Face Pipe Horizo...	21.927									Lateral
261	O.FM-18	Face Pipe Horizo...	21.927									Lateral
262	O.FM-19	Face Pipe Horizo...	21.927									Lateral
263	O.FM-20	Face Pipe Horizo...	21.927									Lateral
264	O.FM-21	Face Pipe Horizo...	21.927									Lateral
265	O.FM-22	Face Pipe Horizo...	21.926									Lateral
266	O.FM-23	Face Pipe Horizo...	21.927									Lateral
267	O.FM-24	Face Pipe Horizo...	21.927									Lateral
268	SA-1	Standoff Tube	84									Lateral
269	SA-2	Standoff Tube	84.003									Lateral
270	SA-3	Standoff Tube	84.003									Lateral

Hot Rolled Steel Properties

	Label	E [ksi]	G [ksi]	Nu	Therm (/1E5...	Density[k/ft^3]	Yield[ksi]	Ry	Fu[ksi]	Rt
1	A992	29000	11154	.3	.65	.49	50	1.1	65	1.1
2	A36 Gr.36	29000	11154	.3	.65	.49	36	1.5	58	1.2
3	A572 Gr.50	29000	11154	.3	.65	.49	50	1.1	65	1.1
4	A500 Gr.B RND	29000	11154	.3	.65	.527	42	1.4	58	1.3
5	A500 Gr.B Rect	29000	11154	.3	.65	.527	46	1.4	58	1.3
6	A53 Gr.B	29000	11154	.3	.65	.49	35	1.6	60	1.2
7	A1085	29000	11154	.3	.65	.49	50	1.4	65	1.3

Member Point Loads (BLC 1 : Dead Load)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP1	Y	0	%50
2	MP2	Y	0	%50
3	MP3	Y	0	%50
4	MP4	Y	0	%50
5	MP5	Y	0	%50
6	MP6	Y	0	%50

Member Point Loads (BLC 1 : Dead Load) (Continued)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
7	MP7	Y	0	%50
8	MP8	Y	0	%50
9	MP9	Y	0	%50
10	MP10	Y	0	%50
11	MP11	Y	0	%50
12	MP12	Y	0	%50
13	MP1	Y	-81	%50
14	MP2	Y	-109	%50
15	MP6	Y	-20	%50
16	MP4	Y	-81	%50
17	MP5	Y	-109	%50
18	MP10	Y	-81	%50
19	MP11	Y	-109	%50

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP1	X	.1	%50
2	MP2	X	24.8	%50
3	MP3	X	68.3	%50
4	MP4	X	67.2	%50
5	MP5	X	68	%50
6	MP6	X	68.9	%50
7	MP7	X	69.3	%50
8	MP8	X	69.3	%50
9	MP9	X	65.4	%50
10	MP10	X	61.2	%50
11	MP11	X	64.1	%50
12	MP12	X	35.9	%50
13	MP1	X	105	%50
14	MP2	X	93.5	%50
15	MP6	X	0	%50
16	MP4	X	52.6	%50
17	MP5	X	72.7	%50
18	MP10	X	57.3	%50
19	MP11	X	74.6	%50
20	MP1	Z	0	%50
21	MP2	Z	0	%50
22	MP3	Z	0	%50
23	MP4	Z	0	%50
24	MP5	Z	0	%50
25	MP6	Z	0	%50
26	MP7	Z	0	%50
27	MP8	Z	0	%50
28	MP9	Z	0	%50
29	MP10	Z	0	%50
30	MP11	Z	0	%50
31	MP12	Z	0	%50
32	MP1	Z	0	%50
33	MP2	Z	0	%50
34	MP6	Z	0	%50
35	MP4	Z	0	%50
36	MP5	Z	0	%50
37	MP10	Z	0	%50
38	MP11	Z	0	%50
39	MP6	X	174.9	%50
40	MP6	Z	0	%50

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

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
41	MP6	Mx	0	%50

Member Point Loads (BLC 3 : Wind Load (30 deg))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP1	X	15	%50
2	MP2	X	31.1	%50
3	MP3	X	56.6	%50
4	MP4	X	53	%50
5	MP5	X	55.5	%50
6	MP6	X	58.8	%50
7	MP7	X	60	%50
8	MP8	X	60	%50
9	MP9	X	59.1	%50
10	MP10	X	58.2	%50
11	MP11	X	58.9	%50
12	MP12	X	38.3	%50
13	MP1	X	79.2	%50
14	MP2	X	76.4	%50
15	MP6	X	0	%50
16	MP4	X	49.6	%50
17	MP5	X	64.6	%50
18	MP10	X	45.5	%50
19	MP11	X	63	%50
20	MP1	Z	8.7	%50
21	MP2	Z	18	%50
22	MP3	Z	32.7	%50
23	MP4	Z	30.6	%50
24	MP5	Z	32	%50
25	MP6	Z	34	%50
26	MP7	Z	34.6	%50
27	MP8	Z	34.6	%50
28	MP9	Z	34.1	%50
29	MP10	Z	33.6	%50
30	MP11	Z	34	%50
31	MP12	Z	22.1	%50
32	MP1	Z	45.7	%50
33	MP2	Z	44.1	%50
34	MP6	Z	0	%50
35	MP4	Z	28.6	%50
36	MP5	Z	37.3	%50
37	MP10	Z	26.3	%50
38	MP11	Z	36.4	%50
39	MP6	X	167.9	%50
40	MP6	Z	32.5	%50
41	MP6	Mx	-15.9	%50

Member Point Loads (BLC 4 : Wind Load (60 deg))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP1	X	26	%50
2	MP2	X	29.1	%50
3	MP3	X	24.9	%50
4	MP4	X	14.3	%50
5	MP5	X	21.6	%50
6	MP6	X	31.3	%50
7	MP7	X	34.6	%50
8	MP8	X	34.6	%50

Member Point Loads (BLC 4 : Wind Load (60 deg)) (Continued)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
9	MP9	X	27.8	%50
10	MP10	X	20.3	%50
11	MP11	X	25.5	%50
12	MP12	X	30.5	%50
13	MP1	X	32.2	%50
14	MP2	X	38.7	%50
15	MP6	X	0	%50
16	MP4	X	41.3	%50
17	MP5	X	42.3	%50
18	MP10	X	36.6	%50
19	MP11	X	40.5	%50
20	MP1	Z	45	%50
21	MP2	Z	50.4	%50
22	MP3	Z	43	%50
23	MP4	Z	24.8	%50
24	MP5	Z	37.4	%50
25	MP6	Z	54.1	%50
26	MP7	Z	60	%50
27	MP8	Z	60	%50
28	MP9	Z	48.1	%50
29	MP10	Z	35.2	%50
30	MP11	Z	44.1	%50
31	MP12	Z	52.8	%50
32	MP1	Z	55.8	%50
33	MP2	Z	67.1	%50
34	MP6	Z	0	%50
35	MP4	Z	71.6	%50
36	MP5	Z	73.3	%50
37	MP10	Z	63.5	%50
38	MP11	Z	70.1	%50
39	MP6	X	131.1	%50
40	MP6	Z	50.9	%50
41	MP6	Mx	-2.6	%50

Member Point Loads (BLC 5 : Wind Load (90 deg))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP1	X	0	%50
2	MP2	X	0	%50
3	MP3	X	0	%50
4	MP4	X	0	%50
5	MP5	X	0	%50
6	MP6	X	0	%50
7	MP7	X	0	%50
8	MP8	X	0	%50
9	MP9	X	0	%50
10	MP10	X	0	%50
11	MP11	X	0	%50
12	MP12	X	0	%50
13	MP1	X	0	%50
14	MP2	X	0	%50
15	MP6	X	0	%50
16	MP4	X	0	%50
17	MP5	X	0	%50
18	MP10	X	0	%50
19	MP11	X	0	%50
20	MP1	Z	69.3	%50

Member Point Loads (BLC 5 : Wind Load (90 deg)) (Continued)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
21	MP2	Z	69.3	%50
22	MP3	Z	36.9	%50
23	MP4	Z	2.1	%50
24	MP5	Z	26.2	%50
25	MP6	Z	58.1	%50
26	MP7	Z	69.3	%50
27	MP8	Z	69.3	%50
28	MP9	Z	39.8	%50
29	MP10	Z	8.2	%50
30	MP11	Z	30	%50
31	MP12	Z	69.3	%50
32	MP1	Z	51	%50
33	MP2	Z	72.1	%50
34	MP6	Z	0	%50
35	MP4	Z	103.3	%50
36	MP5	Z	92.9	%50
37	MP10	Z	98.7	%50
38	MP11	Z	91	%50
39	MP6	X	-15.2	%50
40	MP6	Z	86.6	%50
41	MP6	Mx	29.9	%50

Member Point Loads (BLC 6 : Wind Load (120 deg))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP1	X	-26	%50
2	MP2	X	-29.1	%50
3	MP3	X	-19.9	%50
4	MP4	X	-4.1	%50
5	MP5	X	-15	%50
6	MP6	X	-29.5	%50
7	MP7	X	-34.6	%50
8	MP8	X	-34.6	%50
9	MP9	X	-18.5	%50
10	MP10	X	-1.1	%50
11	MP11	X	-13.1	%50
12	MP12	X	-30.5	%50
13	MP1	X	-32.2	%50
14	MP2	X	-38.7	%50
15	MP6	X	0	%50
16	MP4	X	-49.3	%50
17	MP5	X	-45.5	%50
18	MP10	X	-51.7	%50
19	MP11	X	-46.4	%50
20	MP1	Z	45	%50
21	MP2	Z	50.4	%50
22	MP3	Z	34.5	%50
23	MP4	Z	7.1	%50
24	MP5	Z	26	%50
25	MP6	Z	51.2	%50
26	MP7	Z	60	%50
27	MP8	Z	60	%50
28	MP9	Z	32	%50
29	MP10	Z	1.9	%50
30	MP11	Z	22.7	%50
31	MP12	Z	52.8	%50
32	MP1	Z	55.8	%50

Member Point Loads (BLC 6 : Wind Load (120 deg)) (Continued)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
33	MP2	Z	67.1	%50
34	MP6	Z	0	%50
35	MP4	Z	85.4	%50
36	MP5	Z	78.8	%50
37	MP10	Z	89.5	%50
38	MP11	Z	80.4	%50
39	MP6	X	-98.6	%50
40	MP6	Z	60.7	%50
41	MP6	Mx	31.7	%50

Member Point Loads (BLC 7 : Wind Load (150 deg))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP1	X	-15	%50
2	MP2	X	-31.1	%50
3	MP3	X	-48.1	%50
4	MP4	X	-35.2	%50
5	MP5	X	-44.1	%50
6	MP6	X	-55.9	%50
7	MP7	X	-60	%50
8	MP8	X	-60	%50
9	MP9	X	-43	%50
10	MP10	X	-24.8	%50
11	MP11	X	-37.4	%50
12	MP12	X	-38.3	%50
13	MP1	X	-79.2	%50
14	MP2	X	-76.4	%50
15	MP6	X	0	%50
16	MP4	X	-63.5	%50
17	MP5	X	-70.1	%50
18	MP10	X	-71.6	%50
19	MP11	X	-73.3	%50
20	MP1	Z	8.7	%50
21	MP2	Z	18	%50
22	MP3	Z	27.8	%50
23	MP4	Z	20.3	%50
24	MP5	Z	25.5	%50
25	MP6	Z	32.3	%50
26	MP7	Z	34.6	%50
27	MP8	Z	34.6	%50
28	MP9	Z	24.9	%50
29	MP10	Z	14.3	%50
30	MP11	Z	21.6	%50
31	MP12	Z	22.1	%50
32	MP1	Z	45.7	%50
33	MP2	Z	44.1	%50
34	MP6	Z	0	%50
35	MP4	Z	36.6	%50
36	MP5	Z	40.5	%50
37	MP10	Z	41.3	%50
38	MP11	Z	42.3	%50
39	MP6	X	-132.7	%50
40	MP6	Z	24.4	%50
41	MP6	Mx	18.8	%50

Member Point Loads (BLC 8 : Wind Load (180 deg))

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

Member Point Loads (BLC 8 : Wind Load (180 deg)) (Continued)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP1	X	-.1	%50
2	MP2	X	-24.8	%50
3	MP3	X	-68.3	%50
4	MP4	X	-67.2	%50
5	MP5	X	-68	%50
6	MP6	X	-68.9	%50
7	MP7	X	-69.3	%50
8	MP8	X	-69.3	%50
9	MP9	X	-65.4	%50
10	MP10	X	-61.2	%50
11	MP11	X	-64.1	%50
12	MP12	X	-35.9	%50
13	MP1	X	-105	%50
14	MP2	X	-93.5	%50
15	MP6	X	0	%50
16	MP4	X	-52.6	%50
17	MP5	X	-72.7	%50
18	MP10	X	-57.3	%50
19	MP11	X	-74.6	%50
20	MP1	Z	0	%50
21	MP2	Z	0	%50
22	MP3	Z	0	%50
23	MP4	Z	0	%50
24	MP5	Z	0	%50
25	MP6	Z	0	%50
26	MP7	Z	0	%50
27	MP8	Z	0	%50
28	MP9	Z	0	%50
29	MP10	Z	0	%50
30	MP11	Z	0	%50
31	MP12	Z	0	%50
32	MP1	Z	0	%50
33	MP2	Z	0	%50
34	MP6	Z	0	%50
35	MP4	Z	0	%50
36	MP5	Z	0	%50
37	MP10	Z	0	%50
38	MP11	Z	0	%50
39	MP6	X	-140.8	%50
40	MP6	Z	0	%50
41	MP6	Mx	0	%50

Member Point Loads (BLC 9 : Wind Load (210 deg))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP1	X	-15	%50
2	MP2	X	-31.1	%50
3	MP3	X	-56.6	%50
4	MP4	X	-53	%50
5	MP5	X	-55.5	%50
6	MP6	X	-58.8	%50
7	MP7	X	-60	%50
8	MP8	X	-60	%50
9	MP9	X	-59.1	%50
10	MP10	X	-58.2	%50
11	MP11	X	-58.9	%50
12	MP12	X	-38.3	%50

Member Point Loads (BLC 9 : Wind Load (210 deg)) (Continued)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
13	MP1	X	-79.2	%50
14	MP2	X	-76.4	%50
15	MP6	X	0	%50
16	MP4	X	-49.6	%50
17	MP5	X	-64.6	%50
18	MP10	X	-45.5	%50
19	MP11	X	-63	%50
20	MP1	Z	-8.7	%50
21	MP2	Z	-18	%50
22	MP3	Z	-32.7	%50
23	MP4	Z	-30.6	%50
24	MP5	Z	-32	%50
25	MP6	Z	-34	%50
26	MP7	Z	-34.6	%50
27	MP8	Z	-34.6	%50
28	MP9	Z	-34.1	%50
29	MP10	Z	-33.6	%50
30	MP11	Z	-34	%50
31	MP12	Z	-22.1	%50
32	MP1	Z	-45.7	%50
33	MP2	Z	-44.1	%50
34	MP6	Z	0	%50
35	MP4	Z	-28.6	%50
36	MP5	Z	-37.3	%50
37	MP10	Z	-26.3	%50
38	MP11	Z	-36.4	%50
39	MP6	X	-132.7	%50
40	MP6	Z	-24.4	%50
41	MP6	Mx	-18.8	%50

Member Point Loads (BLC 10 : Wind Load (240 deg))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP1	X	-26	%50
2	MP2	X	-29.1	%50
3	MP3	X	-24.9	%50
4	MP4	X	-14.3	%50
5	MP5	X	-21.6	%50
6	MP6	X	-31.3	%50
7	MP7	X	-34.6	%50
8	MP8	X	-34.6	%50
9	MP9	X	-27.8	%50
10	MP10	X	-20.3	%50
11	MP11	X	-25.5	%50
12	MP12	X	-30.5	%50
13	MP1	X	-32.2	%50
14	MP2	X	-38.7	%50
15	MP6	X	0	%50
16	MP4	X	-41.3	%50
17	MP5	X	-42.3	%50
18	MP10	X	-36.6	%50
19	MP11	X	-40.5	%50
20	MP1	Z	-45	%50
21	MP2	Z	-50.4	%50
22	MP3	Z	-43	%50
23	MP4	Z	-24.8	%50
24	MP5	Z	-37.4	%50

Member Point Loads (BLC 10 : Wind Load (240 deg)) (Continued)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
25	MP6	Z	-54.1	%50
26	MP7	Z	-60	%50
27	MP8	Z	-60	%50
28	MP9	Z	-48.1	%50
29	MP10	Z	-35.2	%50
30	MP11	Z	-44.1	%50
31	MP12	Z	-52.8	%50
32	MP1	Z	-55.8	%50
33	MP2	Z	-67.1	%50
34	MP6	Z	0	%50
35	MP4	Z	-71.6	%50
36	MP5	Z	-73.3	%50
37	MP10	Z	-63.5	%50
38	MP11	Z	-70.1	%50
39	MP6	X	-98.6	%50
40	MP6	Z	-60.7	%50
41	MP6	Mx	-31.7	%50

Member Point Loads (BLC 11 : Wind Load (270 deg))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP1	X	0	%50
2	MP2	X	0	%50
3	MP3	X	0	%50
4	MP4	X	0	%50
5	MP5	X	0	%50
6	MP6	X	0	%50
7	MP7	X	0	%50
8	MP8	X	0	%50
9	MP9	X	0	%50
10	MP10	X	0	%50
11	MP11	X	0	%50
12	MP12	X	0	%50
13	MP1	X	0	%50
14	MP2	X	0	%50
15	MP6	X	0	%50
16	MP4	X	0	%50
17	MP5	X	0	%50
18	MP10	X	0	%50
19	MP11	X	0	%50
20	MP1	Z	-69.3	%50
21	MP2	Z	-69.3	%50
22	MP3	Z	-36.9	%50
23	MP4	Z	-2.1	%50
24	MP5	Z	-26.2	%50
25	MP6	Z	-58.1	%50
26	MP7	Z	-69.3	%50
27	MP8	Z	-69.3	%50
28	MP9	Z	-39.8	%50
29	MP10	Z	-8.2	%50
30	MP11	Z	-30	%50
31	MP12	Z	-69.3	%50
32	MP1	Z	-51	%50
33	MP2	Z	-72.1	%50
34	MP6	Z	0	%50
35	MP4	Z	-103.3	%50
36	MP5	Z	-92.9	%50

Member Point Loads (BLC 11 : Wind Load (270 deg)) (Continued)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
37	MP10	Z	-98.7	%50
38	MP11	Z	-91	%50
39	MP6	X	-15.2	%50
40	MP6	Z	-86.6	%50
41	MP6	Mx	-29.9	%50

Member Point Loads (BLC 12 : Wind Load (300 deg))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP1	X	26	%50
2	MP2	X	29.1	%50
3	MP3	X	19.9	%50
4	MP4	X	4.1	%50
5	MP5	X	15	%50
6	MP6	X	29.5	%50
7	MP7	X	34.6	%50
8	MP8	X	34.6	%50
9	MP9	X	18.5	%50
10	MP10	X	1.1	%50
11	MP11	X	13.1	%50
12	MP12	X	30.5	%50
13	MP1	X	32.2	%50
14	MP2	X	38.7	%50
15	MP6	X	0	%50
16	MP4	X	49.3	%50
17	MP5	X	45.5	%50
18	MP10	X	51.7	%50
19	MP11	X	46.4	%50
20	MP1	Z	-45	%50
21	MP2	Z	-50.4	%50
22	MP3	Z	-34.5	%50
23	MP4	Z	-7.1	%50
24	MP5	Z	-26	%50
25	MP6	Z	-51.2	%50
26	MP7	Z	-60	%50
27	MP8	Z	-60	%50
28	MP9	Z	-32	%50
29	MP10	Z	-1.9	%50
30	MP11	Z	-22.7	%50
31	MP12	Z	-52.8	%50
32	MP1	Z	-55.8	%50
33	MP2	Z	-67.1	%50
34	MP6	Z	0	%50
35	MP4	Z	-85.4	%50
36	MP5	Z	-78.8	%50
37	MP10	Z	-89.5	%50
38	MP11	Z	-80.4	%50
39	MP6	X	131.1	%50
40	MP6	Z	-50.9	%50
41	MP6	Mx	2.6	%50

Member Point Loads (BLC 13 : Wind Load (330 deg))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP1	X	15	%50
2	MP2	X	31.1	%50
3	MP3	X	48.1	%50
4	MP4	X	35.2	%50

Member Point Loads (BLC 13 : Wind Load (330 deg)) (Continued)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
5	MP5	X	44.1	%50
6	MP6	X	55.9	%50
7	MP7	X	60	%50
8	MP8	X	60	%50
9	MP9	X	43	%50
10	MP10	X	24.8	%50
11	MP11	X	37.4	%50
12	MP12	X	38.3	%50
13	MP1	X	79.2	%50
14	MP2	X	76.4	%50
15	MP6	X	0	%50
16	MP4	X	63.5	%50
17	MP5	X	70.1	%50
18	MP10	X	71.6	%50
19	MP11	X	73.3	%50
20	MP1	Z	-8.7	%50
21	MP2	Z	-18	%50
22	MP3	Z	-27.8	%50
23	MP4	Z	-20.3	%50
24	MP5	Z	-25.5	%50
25	MP6	Z	-32.3	%50
26	MP7	Z	-34.6	%50
27	MP8	Z	-34.6	%50
28	MP9	Z	-24.9	%50
29	MP10	Z	-14.3	%50
30	MP11	Z	-21.6	%50
31	MP12	Z	-22.1	%50
32	MP1	Z	-45.7	%50
33	MP2	Z	-44.1	%50
34	MP6	Z	0	%50
35	MP4	Z	-36.6	%50
36	MP5	Z	-40.5	%50
37	MP10	Z	-41.3	%50
38	MP11	Z	-42.3	%50
39	MP6	X	167.9	%50
40	MP6	Z	-32.5	%50
41	MP6	Mx	15.9	%50

Member Point Loads (BLC 14 : Ice Load)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP1	Y	-40.5	%50
2	MP2	Y	-40.5	%50
3	MP3	Y	-40.5	%50
4	MP4	Y	-40.5	%50
5	MP5	Y	-40.5	%50
6	MP6	Y	-40.5	%50
7	MP7	Y	-40.5	%50
8	MP8	Y	-40.5	%50
9	MP9	Y	-40.5	%50
10	MP10	Y	-40.5	%50
11	MP11	Y	-40.5	%50
12	MP12	Y	-40.5	%50
13	MP1	Y	-48.6	%50
14	MP2	Y	-49	%50
15	MP6	Y	-54.1	%50
16	MP4	Y	-48.6	%50

Member Point Loads (BLC 14 : Ice Load) (Continued)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
17	MP5	Y	-49	%50
18	MP10	Y	-48.6	%50
19	MP11	Y	-49	%50

Member Point Loads (BLC 15 : Wind on Ice (0 deg))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP1	X	.5	%50
2	MP2	X	8.6	%50
3	MP3	X	21.2	%50
4	MP4	X	20.9	%50
5	MP5	X	21.1	%50
6	MP6	X	21.4	%50
7	MP7	X	21.5	%50
8	MP8	X	21.5	%50
9	MP9	X	20.4	%50
10	MP10	X	19	%50
11	MP11	X	20	%50
12	MP12	X	12.2	%50
13	MP1	X	19	%50
14	MP2	X	17.1	%50
15	MP6	X	0	%50
16	MP4	X	10.7	%50
17	MP5	X	14.3	%50
18	MP10	X	11.5	%50
19	MP11	X	14.6	%50
20	MP1	Z	0	%50
21	MP2	Z	0	%50
22	MP3	Z	0	%50
23	MP4	Z	0	%50
24	MP5	Z	0	%50
25	MP6	Z	0	%50
26	MP7	Z	0	%50
27	MP8	Z	0	%50
28	MP9	Z	0	%50
29	MP10	Z	0	%50
30	MP11	Z	0	%50
31	MP12	Z	0	%50
32	MP1	Z	0	%50
33	MP2	Z	0	%50
34	MP6	Z	0	%50
35	MP4	Z	0	%50
36	MP5	Z	0	%50
37	MP10	Z	0	%50
38	MP11	Z	0	%50
39	MP6	X	34.3	%50
40	MP6	Z	0	%50
41	MP6	Mx	0	%50

Member Point Loads (BLC 16 : Wind on Ice (30 deg))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP1	X	5	%50
2	MP2	X	10.2	%50
3	MP3	X	17.7	%50
4	MP4	X	16.5	%50
5	MP5	X	17.3	%50
6	MP6	X	18.4	%50

Member Point Loads (BLC 16 : Wind on Ice (30 deg)) (Continued)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
7	MP7	X	18.6	%50
8	MP8	X	18.6	%50
9	MP9	X	18.4	%50
10	MP10	X	18.1	%50
11	MP11	X	18.3	%50
12	MP12	X	12.6	%50
13	MP1	X	14.6	%50
14	MP2	X	14.2	%50
15	MP6	X	0	%50
16	MP4	X	9.9	%50
17	MP5	X	12.6	%50
18	MP10	X	9.3	%50
19	MP11	X	12.4	%50
20	MP1	Z	2.9	%50
21	MP2	Z	5.9	%50
22	MP3	Z	10.2	%50
23	MP4	Z	9.5	%50
24	MP5	Z	10	%50
25	MP6	Z	10.6	%50
26	MP7	Z	10.7	%50
27	MP8	Z	10.7	%50
28	MP9	Z	10.6	%50
29	MP10	Z	10.4	%50
30	MP11	Z	10.6	%50
31	MP12	Z	7.3	%50
32	MP1	Z	8.4	%50
33	MP2	Z	8.2	%50
34	MP6	Z	0	%50
35	MP4	Z	5.7	%50
36	MP5	Z	7.3	%50
37	MP10	Z	5.4	%50
38	MP11	Z	7.2	%50
39	MP6	X	32.9	%50
40	MP6	Z	6.4	%50
41	MP6	Mx	-3.4	%50

Member Point Loads (BLC 17 : Wind on Ice (60 deg))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP1	X	8.1	%50
2	MP2	X	9.1	%50
3	MP3	X	8	%50
4	MP4	X	4.6	%50
5	MP5	X	7	%50
6	MP6	X	10.1	%50
7	MP7	X	10.7	%50
8	MP8	X	10.7	%50
9	MP9	X	8.8	%50
10	MP10	X	6.4	%50
11	MP11	X	8.1	%50
12	MP12	X	9.6	%50
13	MP1	X	6.3	%50
14	MP2	X	7.5	%50
15	MP6	X	0	%50
16	MP4	X	7.7	%50
17	MP5	X	7.9	%50
18	MP10	X	7	%50

Member Point Loads (BLC 17 : Wind on Ice (60 deg)) (Continued)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
19	MP11	X	7.7	%50
20	MP1	Z	14.1	%50
21	MP2	Z	15.8	%50
22	MP3	Z	13.9	%50
23	MP4	Z	7.9	%50
24	MP5	Z	12.1	%50
25	MP6	Z	17.5	%50
26	MP7	Z	18.6	%50
27	MP8	Z	18.6	%50
28	MP9	Z	15.3	%50
29	MP10	Z	11.1	%50
30	MP11	Z	14	%50
31	MP12	Z	16.6	%50
32	MP1	Z	10.9	%50
33	MP2	Z	12.9	%50
34	MP6	Z	0	%50
35	MP4	Z	13.4	%50
36	MP5	Z	13.8	%50
37	MP10	Z	12.1	%50
38	MP11	Z	13.3	%50
39	MP6	X	25.7	%50
40	MP6	Z	10	%50
41	MP6	Mx	-.6	%50

Member Point Loads (BLC 18 : Wind on Ice (90 deg))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP1	X	0	%50
2	MP2	X	0	%50
3	MP3	X	0	%50
4	MP4	X	0	%50
5	MP5	X	0	%50
6	MP6	X	0	%50
7	MP7	X	0	%50
8	MP8	X	0	%50
9	MP9	X	0	%50
10	MP10	X	0	%50
11	MP11	X	0	%50
12	MP12	X	0	%50
13	MP1	X	0	%50
14	MP2	X	0	%50
15	MP6	X	0	%50
16	MP4	X	0	%50
17	MP5	X	0	%50
18	MP10	X	0	%50
19	MP11	X	0	%50
20	MP1	Z	21.5	%50
21	MP2	Z	21.5	%50
22	MP3	Z	12.5	%50
23	MP4	Z	1.1	%50
24	MP5	Z	9	%50
25	MP6	Z	19.5	%50
26	MP7	Z	21.5	%50
27	MP8	Z	21.5	%50
28	MP9	Z	13.3	%50
29	MP10	Z	2.9	%50
30	MP11	Z	10.1	%50

Member Point Loads (BLC 18 : Wind on Ice (90 deg)) (Continued)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
31	MP12	Z	21.5	%50
32	MP1	Z	10.5	%50
33	MP2	Z	14.2	%50
34	MP6	Z	0	%50
35	MP4	Z	18.8	%50
36	MP5	Z	17	%50
37	MP10	Z	18	%50
38	MP11	Z	16.7	%50
39	MP6	X	-3	%50
40	MP6	Z	17	%50
41	MP6	Mx	6.4	%50

Member Point Loads (BLC 19 : Wind on Ice (120 deg))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP1	X	-8.1	%50
2	MP2	X	-9.1	%50
3	MP3	X	-6.7	%50
4	MP4	X	-1.5	%50
5	MP5	X	-5.1	%50
6	MP6	X	-9.8	%50
7	MP7	X	-10.7	%50
8	MP8	X	-10.7	%50
9	MP9	X	-6.3	%50
10	MP10	X	-.6	%50
11	MP11	X	-4.5	%50
12	MP12	X	-9.6	%50
13	MP1	X	-6.3	%50
14	MP2	X	-7.5	%50
15	MP6	X	0	%50
16	MP4	X	-9	%50
17	MP5	X	-8.4	%50
18	MP10	X	-9.4	%50
19	MP11	X	-8.5	%50
20	MP1	Z	14.1	%50
21	MP2	Z	15.8	%50
22	MP3	Z	11.5	%50
23	MP4	Z	2.5	%50
24	MP5	Z	8.8	%50
25	MP6	Z	17	%50
26	MP7	Z	18.6	%50
27	MP8	Z	18.6	%50
28	MP9	Z	10.8	%50
29	MP10	Z	1	%50
30	MP11	Z	7.8	%50
31	MP12	Z	16.6	%50
32	MP1	Z	10.9	%50
33	MP2	Z	12.9	%50
34	MP6	Z	0	%50
35	MP4	Z	15.6	%50
36	MP5	Z	14.5	%50
37	MP10	Z	16.2	%50
38	MP11	Z	14.7	%50
39	MP6	X	-19.3	%50
40	MP6	Z	11.9	%50
41	MP6	Mx	6.8	%50

Member Point Loads (BLC 20 : Wind on Ice (150 deg))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP1	X	-5	%50
2	MP2	X	-10.2	%50
3	MP3	X	-15.3	%50
4	MP4	X	-11.1	%50
5	MP5	X	-14	%50
6	MP6	X	-17.9	%50
7	MP7	X	-18.6	%50
8	MP8	X	-18.6	%50
9	MP9	X	-13.9	%50
10	MP10	X	-7.9	%50
11	MP11	X	-12.1	%50
12	MP12	X	-12.6	%50
13	MP1	X	-14.6	%50
14	MP2	X	-14.2	%50
15	MP6	X	0	%50
16	MP4	X	-12.1	%50
17	MP5	X	-13.3	%50
18	MP10	X	-13.4	%50
19	MP11	X	-13.8	%50
20	MP1	Z	2.9	%50
21	MP2	Z	5.9	%50
22	MP3	Z	8.8	%50
23	MP4	Z	6.4	%50
24	MP5	Z	8.1	%50
25	MP6	Z	10.3	%50
26	MP7	Z	10.7	%50
27	MP8	Z	10.7	%50
28	MP9	Z	8	%50
29	MP10	Z	4.6	%50
30	MP11	Z	7	%50
31	MP12	Z	7.3	%50
32	MP1	Z	8.4	%50
33	MP2	Z	8.2	%50
34	MP6	Z	0	%50
35	MP4	Z	7	%50
36	MP5	Z	7.7	%50
37	MP10	Z	7.7	%50
38	MP11	Z	7.9	%50
39	MP6	X	-26	%50
40	MP6	Z	4.8	%50
41	MP6	Mx	4	%50

Member Point Loads (BLC 21 : Wind on Ice (180 deg))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP1	X	-.5	%50
2	MP2	X	-8.6	%50
3	MP3	X	-21.2	%50
4	MP4	X	-20.9	%50
5	MP5	X	-21.1	%50
6	MP6	X	-21.4	%50
7	MP7	X	-21.5	%50
8	MP8	X	-21.5	%50
9	MP9	X	-20.4	%50
10	MP10	X	-19	%50
11	MP11	X	-20	%50
12	MP12	X	-12.2	%50

Member Point Loads (BLC 21 : Wind on Ice (180 deg)) (Continued)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
13	MP1	X	-19	%50
14	MP2	X	-17.1	%50
15	MP6	X	0	%50
16	MP4	X	-10.7	%50
17	MP5	X	-14.3	%50
18	MP10	X	-11.5	%50
19	MP11	X	-14.6	%50
20	MP1	Z	0	%50
21	MP2	Z	0	%50
22	MP3	Z	0	%50
23	MP4	Z	0	%50
24	MP5	Z	0	%50
25	MP6	Z	0	%50
26	MP7	Z	0	%50
27	MP8	Z	0	%50
28	MP9	Z	0	%50
29	MP10	Z	0	%50
30	MP11	Z	0	%50
31	MP12	Z	0	%50
32	MP1	Z	0	%50
33	MP2	Z	0	%50
34	MP6	Z	0	%50
35	MP4	Z	0	%50
36	MP5	Z	0	%50
37	MP10	Z	0	%50
38	MP11	Z	0	%50
39	MP6	X	-27.6	%50
40	MP6	Z	0	%50
41	MP6	Mx	0	%50

Member Point Loads (BLC 22 : Wind on Ice (210 deg))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP1	X	-5	%50
2	MP2	X	-10.2	%50
3	MP3	X	-17.7	%50
4	MP4	X	-16.5	%50
5	MP5	X	-17.3	%50
6	MP6	X	-18.4	%50
7	MP7	X	-18.6	%50
8	MP8	X	-18.6	%50
9	MP9	X	-18.4	%50
10	MP10	X	-18.1	%50
11	MP11	X	-18.3	%50
12	MP12	X	-12.6	%50
13	MP1	X	-14.6	%50
14	MP2	X	-14.2	%50
15	MP6	X	0	%50
16	MP4	X	-9.9	%50
17	MP5	X	-12.6	%50
18	MP10	X	-9.3	%50
19	MP11	X	-12.4	%50
20	MP1	Z	-2.9	%50
21	MP2	Z	-5.9	%50
22	MP3	Z	-10.2	%50
23	MP4	Z	-9.5	%50
24	MP5	Z	-10	%50

Member Point Loads (BLC 22 : Wind on Ice (210 deg)) (Continued)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
25	MP6	Z	-10.6	%50
26	MP7	Z	-10.7	%50
27	MP8	Z	-10.7	%50
28	MP9	Z	-10.6	%50
29	MP10	Z	-10.4	%50
30	MP11	Z	-10.6	%50
31	MP12	Z	-7.3	%50
32	MP1	Z	-8.4	%50
33	MP2	Z	-8.2	%50
34	MP6	Z	0	%50
35	MP4	Z	-5.7	%50
36	MP5	Z	-7.3	%50
37	MP10	Z	-5.4	%50
38	MP11	Z	-7.2	%50
39	MP6	X	-26	%50
40	MP6	Z	-4.8	%50
41	MP6	Mx	-4	%50

Member Point Loads (BLC 23 : Wind on Ice (240 deg))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP1	X	-8.1	%50
2	MP2	X	-9.1	%50
3	MP3	X	-8	%50
4	MP4	X	-4.6	%50
5	MP5	X	-7	%50
6	MP6	X	-10.1	%50
7	MP7	X	-10.7	%50
8	MP8	X	-10.7	%50
9	MP9	X	-8.8	%50
10	MP10	X	-6.4	%50
11	MP11	X	-8.1	%50
12	MP12	X	-9.6	%50
13	MP1	X	-6.3	%50
14	MP2	X	-7.5	%50
15	MP6	X	0	%50
16	MP4	X	-7.7	%50
17	MP5	X	-7.9	%50
18	MP10	X	-7	%50
19	MP11	X	-7.7	%50
20	MP1	Z	-14.1	%50
21	MP2	Z	-15.8	%50
22	MP3	Z	-13.9	%50
23	MP4	Z	-7.9	%50
24	MP5	Z	-12.1	%50
25	MP6	Z	-17.5	%50
26	MP7	Z	-18.6	%50
27	MP8	Z	-18.6	%50
28	MP9	Z	-15.3	%50
29	MP10	Z	-11.1	%50
30	MP11	Z	-14	%50
31	MP12	Z	-16.6	%50
32	MP1	Z	-10.9	%50
33	MP2	Z	-12.9	%50
34	MP6	Z	0	%50
35	MP4	Z	-13.4	%50
36	MP5	Z	-13.8	%50

Member Point Loads (BLC 23 : Wind on Ice (240 deg)) (Continued)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
37	MP10	Z	-12.1	%50
38	MP11	Z	-13.3	%50
39	MP6	X	-19.3	%50
40	MP6	Z	-11.9	%50
41	MP6	Mx	-6.8	%50

Member Point Loads (BLC 24 : Wind on Ice (270 deg))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP1	X	0	%50
2	MP2	X	0	%50
3	MP3	X	0	%50
4	MP4	X	0	%50
5	MP5	X	0	%50
6	MP6	X	0	%50
7	MP7	X	0	%50
8	MP8	X	0	%50
9	MP9	X	0	%50
10	MP10	X	0	%50
11	MP11	X	0	%50
12	MP12	X	0	%50
13	MP1	X	0	%50
14	MP2	X	0	%50
15	MP6	X	0	%50
16	MP4	X	0	%50
17	MP5	X	0	%50
18	MP10	X	0	%50
19	MP11	X	0	%50
20	MP1	Z	-21.5	%50
21	MP2	Z	-21.5	%50
22	MP3	Z	-12.5	%50
23	MP4	Z	-1.1	%50
24	MP5	Z	-9	%50
25	MP6	Z	-19.5	%50
26	MP7	Z	-21.5	%50
27	MP8	Z	-21.5	%50
28	MP9	Z	-13.3	%50
29	MP10	Z	-2.9	%50
30	MP11	Z	-10.1	%50
31	MP12	Z	-21.5	%50
32	MP1	Z	-10.5	%50
33	MP2	Z	-14.2	%50
34	MP6	Z	0	%50
35	MP4	Z	-18.8	%50
36	MP5	Z	-17	%50
37	MP10	Z	-18	%50
38	MP11	Z	-16.7	%50
39	MP6	X	-3	%50
40	MP6	Z	-17	%50
41	MP6	Mx	-6.4	%50

Member Point Loads (BLC 25 : Wind on Ice (300 deg))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP1	X	8.1	%50
2	MP2	X	9.1	%50
3	MP3	X	6.7	%50
4	MP4	X	1.5	%50

Member Point Loads (BLC 25 : Wind on Ice (300 deg)) (Continued)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
5	MP5	X	5.1	%50
6	MP6	X	9.8	%50
7	MP7	X	10.7	%50
8	MP8	X	10.7	%50
9	MP9	X	6.3	%50
10	MP10	X	.6	%50
11	MP11	X	4.5	%50
12	MP12	X	9.6	%50
13	MP1	X	6.3	%50
14	MP2	X	7.5	%50
15	MP6	X	0	%50
16	MP4	X	9	%50
17	MP5	X	8.4	%50
18	MP10	X	9.4	%50
19	MP11	X	8.5	%50
20	MP1	Z	-14.1	%50
21	MP2	Z	-15.8	%50
22	MP3	Z	-11.5	%50
23	MP4	Z	-2.5	%50
24	MP5	Z	-8.8	%50
25	MP6	Z	-17	%50
26	MP7	Z	-18.6	%50
27	MP8	Z	-18.6	%50
28	MP9	Z	-10.8	%50
29	MP10	Z	-1	%50
30	MP11	Z	-7.8	%50
31	MP12	Z	-16.6	%50
32	MP1	Z	-10.9	%50
33	MP2	Z	-12.9	%50
34	MP6	Z	0	%50
35	MP4	Z	-15.6	%50
36	MP5	Z	-14.5	%50
37	MP10	Z	-16.2	%50
38	MP11	Z	-14.7	%50
39	MP6	X	25.7	%50
40	MP6	Z	-10	%50
41	MP6	Mx	.6	%50

Member Point Loads (BLC 26 : Wind on Ice (330 deg))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP1	X	5	%50
2	MP2	X	10.2	%50
3	MP3	X	15.3	%50
4	MP4	X	11.1	%50
5	MP5	X	14	%50
6	MP6	X	17.9	%50
7	MP7	X	18.6	%50
8	MP8	X	18.6	%50
9	MP9	X	13.9	%50
10	MP10	X	7.9	%50
11	MP11	X	12.1	%50
12	MP12	X	12.6	%50
13	MP1	X	14.6	%50
14	MP2	X	14.2	%50
15	MP6	X	0	%50
16	MP4	X	12.1	%50

Member Point Loads (BLC 26 : Wind on Ice (330 deg)) (Continued)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
17	MP5	X	13.3	%50
18	MP10	X	13.4	%50
19	MP11	X	13.8	%50
20	MP1	Z	-2.9	%50
21	MP2	Z	-5.9	%50
22	MP3	Z	-8.8	%50
23	MP4	Z	-6.4	%50
24	MP5	Z	-8.1	%50
25	MP6	Z	-10.3	%50
26	MP7	Z	-10.7	%50
27	MP8	Z	-10.7	%50
28	MP9	Z	-8	%50
29	MP10	Z	-4.6	%50
30	MP11	Z	-7	%50
31	MP12	Z	-7.3	%50
32	MP1	Z	-8.4	%50
33	MP2	Z	-8.2	%50
34	MP6	Z	0	%50
35	MP4	Z	-7	%50
36	MP5	Z	-7.7	%50
37	MP10	Z	-7.7	%50
38	MP11	Z	-7.9	%50
39	MP6	X	32.9	%50
40	MP6	Z	-6.4	%50
41	MP6	Mx	3.4	%50

Member Point Loads (BLC 27 : Horizontal Seismic, Eh (0))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP1	X	0	%50
2	MP2	X	0	%50
3	MP3	X	0	%50
4	MP4	X	0	%50
5	MP5	X	0	%50
6	MP6	X	0	%50
7	MP7	X	0	%50
8	MP8	X	0	%50
9	MP9	X	0	%50
10	MP10	X	0	%50
11	MP11	X	0	%50
12	MP12	X	0	%50
13	MP1	X	81	%50
14	MP2	X	109	%50
15	MP6	X	20	%50
16	MP4	X	81	%50
17	MP5	X	109	%50
18	MP10	X	81	%50
19	MP11	X	109	%50
20	MP1	Z	0	%50
21	MP2	Z	0	%50
22	MP3	Z	0	%50
23	MP4	Z	0	%50
24	MP5	Z	0	%50
25	MP6	Z	0	%50
26	MP7	Z	0	%50
27	MP8	Z	0	%50
28	MP9	Z	0	%50

Member Point Loads (BLC 27 : Horizontal Seismic, Eh (0)) (Continued)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
29	MP10	Z	0	%50
30	MP11	Z	0	%50
31	MP12	Z	0	%50
32	MP1	Z	0	%50
33	MP2	Z	0	%50
34	MP6	Z	0	%50
35	MP4	Z	0	%50
36	MP5	Z	0	%50
37	MP10	Z	0	%50
38	MP11	Z	0	%50

Member Point Loads (BLC 28 : Horizontal Seismic, Eh (30))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP1	X	0	%50
2	MP2	X	0	%50
3	MP3	X	0	%50
4	MP4	X	0	%50
5	MP5	X	0	%50
6	MP6	X	0	%50
7	MP7	X	0	%50
8	MP8	X	0	%50
9	MP9	X	0	%50
10	MP10	X	0	%50
11	MP11	X	0	%50
12	MP12	X	0	%50
13	MP1	X	70.1	%50
14	MP2	X	94.4	%50
15	MP6	X	17.3	%50
16	MP4	X	70.1	%50
17	MP5	X	94.4	%50
18	MP10	X	70.1	%50
19	MP11	X	94.4	%50
20	MP1	Z	0	%50
21	MP2	Z	0	%50
22	MP3	Z	0	%50
23	MP4	Z	0	%50
24	MP5	Z	0	%50
25	MP6	Z	0	%50
26	MP7	Z	0	%50
27	MP8	Z	0	%50
28	MP9	Z	0	%50
29	MP10	Z	0	%50
30	MP11	Z	0	%50
31	MP12	Z	0	%50
32	MP1	Z	40.5	%50
33	MP2	Z	54.5	%50
34	MP6	Z	10	%50
35	MP4	Z	40.5	%50
36	MP5	Z	54.5	%50
37	MP10	Z	40.5	%50
38	MP11	Z	54.5	%50

Member Point Loads (BLC 29 : Horizontal Seismic, Eh (60))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP1	X	0	%50
2	MP2	X	0	%50

Member Point Loads (BLC 29 : Horizontal Seismic, Eh (60)) (Continued)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
3	MP3	X	0	%50
4	MP4	X	0	%50
5	MP5	X	0	%50
6	MP6	X	0	%50
7	MP7	X	0	%50
8	MP8	X	0	%50
9	MP9	X	0	%50
10	MP10	X	0	%50
11	MP11	X	0	%50
12	MP12	X	0	%50
13	MP1	X	40.5	%50
14	MP2	X	54.5	%50
15	MP6	X	10	%50
16	MP4	X	40.5	%50
17	MP5	X	54.5	%50
18	MP10	X	40.5	%50
19	MP11	X	54.5	%50
20	MP1	Z	0	%50
21	MP2	Z	0	%50
22	MP3	Z	0	%50
23	MP4	Z	0	%50
24	MP5	Z	0	%50
25	MP6	Z	0	%50
26	MP7	Z	0	%50
27	MP8	Z	0	%50
28	MP9	Z	0	%50
29	MP10	Z	0	%50
30	MP11	Z	0	%50
31	MP12	Z	0	%50
32	MP1	Z	70.1	%50
33	MP2	Z	94.4	%50
34	MP6	Z	17.3	%50
35	MP4	Z	70.1	%50
36	MP5	Z	94.4	%50
37	MP10	Z	70.1	%50
38	MP11	Z	94.4	%50

Member Point Loads (BLC 30 : Horizontal Seismic, Eh (90))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP1	X	0	%50
2	MP2	X	0	%50
3	MP3	X	0	%50
4	MP4	X	0	%50
5	MP5	X	0	%50
6	MP6	X	0	%50
7	MP7	X	0	%50
8	MP8	X	0	%50
9	MP9	X	0	%50
10	MP10	X	0	%50
11	MP11	X	0	%50
12	MP12	X	0	%50
13	MP1	X	0	%50
14	MP2	X	0	%50
15	MP6	X	0	%50
16	MP4	X	0	%50
17	MP5	X	0	%50

Member Point Loads (BLC 30 : Horizontal Seismic, Eh (90)) (Continued)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
18	MP10	X	0	%50
19	MP11	X	0	%50
20	MP1	Z	0	%50
21	MP2	Z	0	%50
22	MP3	Z	0	%50
23	MP4	Z	0	%50
24	MP5	Z	0	%50
25	MP6	Z	0	%50
26	MP7	Z	0	%50
27	MP8	Z	0	%50
28	MP9	Z	0	%50
29	MP10	Z	0	%50
30	MP11	Z	0	%50
31	MP12	Z	0	%50
32	MP1	Z	81	%50
33	MP2	Z	109	%50
34	MP6	Z	20	%50
35	MP4	Z	81	%50
36	MP5	Z	109	%50
37	MP10	Z	81	%50
38	MP11	Z	109	%50

Member Point Loads (BLC 31 : Horizontal Seismic, Eh (120))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP1	X	0	%50
2	MP2	X	0	%50
3	MP3	X	0	%50
4	MP4	X	0	%50
5	MP5	X	0	%50
6	MP6	X	0	%50
7	MP7	X	0	%50
8	MP8	X	0	%50
9	MP9	X	0	%50
10	MP10	X	0	%50
11	MP11	X	0	%50
12	MP12	X	0	%50
13	MP1	X	-40.5	%50
14	MP2	X	-54.5	%50
15	MP6	X	-10	%50
16	MP4	X	-40.5	%50
17	MP5	X	-54.5	%50
18	MP10	X	-40.5	%50
19	MP11	X	-54.5	%50
20	MP1	Z	0	%50
21	MP2	Z	0	%50
22	MP3	Z	0	%50
23	MP4	Z	0	%50
24	MP5	Z	0	%50
25	MP6	Z	0	%50
26	MP7	Z	0	%50
27	MP8	Z	0	%50
28	MP9	Z	0	%50
29	MP10	Z	0	%50
30	MP11	Z	0	%50
31	MP12	Z	0	%50
32	MP1	Z	70.1	%50

Member Point Loads (BLC 31 : Horizontal Seismic, Eh (120)) (Continued)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
33	MP2	Z	94.4	%50
34	MP6	Z	17.3	%50
35	MP4	Z	70.1	%50
36	MP5	Z	94.4	%50
37	MP10	Z	70.1	%50
38	MP11	Z	94.4	%50

Member Point Loads (BLC 32 : Horizontal Seismic, Eh (150))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP1	X	0	%50
2	MP2	X	0	%50
3	MP3	X	0	%50
4	MP4	X	0	%50
5	MP5	X	0	%50
6	MP6	X	0	%50
7	MP7	X	0	%50
8	MP8	X	0	%50
9	MP9	X	0	%50
10	MP10	X	0	%50
11	MP11	X	0	%50
12	MP12	X	0	%50
13	MP1	X	-70.1	%50
14	MP2	X	-94.4	%50
15	MP6	X	-17.3	%50
16	MP4	X	-70.1	%50
17	MP5	X	-94.4	%50
18	MP10	X	-70.1	%50
19	MP11	X	-94.4	%50
20	MP1	Z	0	%50
21	MP2	Z	0	%50
22	MP3	Z	0	%50
23	MP4	Z	0	%50
24	MP5	Z	0	%50
25	MP6	Z	0	%50
26	MP7	Z	0	%50
27	MP8	Z	0	%50
28	MP9	Z	0	%50
29	MP10	Z	0	%50
30	MP11	Z	0	%50
31	MP12	Z	0	%50
32	MP1	Z	40.5	%50
33	MP2	Z	54.5	%50
34	MP6	Z	10	%50
35	MP4	Z	40.5	%50
36	MP5	Z	54.5	%50
37	MP10	Z	40.5	%50
38	MP11	Z	54.5	%50

Member Point Loads (BLC 33 : Horizontal Seismic, Eh (180))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP1	X	0	%50
2	MP2	X	0	%50
3	MP3	X	0	%50
4	MP4	X	0	%50
5	MP5	X	0	%50
6	MP6	X	0	%50

Member Point Loads (BLC 33 : Horizontal Seismic, Eh (180)) (Continued)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
7	MP7	X	0	%50
8	MP8	X	0	%50
9	MP9	X	0	%50
10	MP10	X	0	%50
11	MP11	X	0	%50
12	MP12	X	0	%50
13	MP1	X	-81	%50
14	MP2	X	-109	%50
15	MP6	X	-20	%50
16	MP4	X	-81	%50
17	MP5	X	-109	%50
18	MP10	X	-81	%50
19	MP11	X	-109	%50
20	MP1	Z	0	%50
21	MP2	Z	0	%50
22	MP3	Z	0	%50
23	MP4	Z	0	%50
24	MP5	Z	0	%50
25	MP6	Z	0	%50
26	MP7	Z	0	%50
27	MP8	Z	0	%50
28	MP9	Z	0	%50
29	MP10	Z	0	%50
30	MP11	Z	0	%50
31	MP12	Z	0	%50
32	MP1	Z	0	%50
33	MP2	Z	0	%50
34	MP6	Z	0	%50
35	MP4	Z	0	%50
36	MP5	Z	0	%50
37	MP10	Z	0	%50
38	MP11	Z	0	%50

Member Point Loads (BLC 34 : Horizontal Seismic, Eh (210))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP1	X	0	%50
2	MP2	X	0	%50
3	MP3	X	0	%50
4	MP4	X	0	%50
5	MP5	X	0	%50
6	MP6	X	0	%50
7	MP7	X	0	%50
8	MP8	X	0	%50
9	MP9	X	0	%50
10	MP10	X	0	%50
11	MP11	X	0	%50
12	MP12	X	0	%50
13	MP1	X	-70.1	%50
14	MP2	X	-94.4	%50
15	MP6	X	-17.3	%50
16	MP4	X	-70.1	%50
17	MP5	X	-94.4	%50
18	MP10	X	-70.1	%50
19	MP11	X	-94.4	%50
20	MP1	Z	0	%50
21	MP2	Z	0	%50

Member Point Loads (BLC 34 : Horizontal Seismic, Eh (210)) (Continued)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
22	MP3	Z	0	%50
23	MP4	Z	0	%50
24	MP5	Z	0	%50
25	MP6	Z	0	%50
26	MP7	Z	0	%50
27	MP8	Z	0	%50
28	MP9	Z	0	%50
29	MP10	Z	0	%50
30	MP11	Z	0	%50
31	MP12	Z	0	%50
32	MP1	Z	-40.5	%50
33	MP2	Z	-54.5	%50
34	MP6	Z	-10	%50
35	MP4	Z	-40.5	%50
36	MP5	Z	-54.5	%50
37	MP10	Z	-40.5	%50
38	MP11	Z	-54.5	%50

Member Point Loads (BLC 35 : Horizontal Seismic, Eh (240))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP1	X	0	%50
2	MP2	X	0	%50
3	MP3	X	0	%50
4	MP4	X	0	%50
5	MP5	X	0	%50
6	MP6	X	0	%50
7	MP7	X	0	%50
8	MP8	X	0	%50
9	MP9	X	0	%50
10	MP10	X	0	%50
11	MP11	X	0	%50
12	MP12	X	0	%50
13	MP1	X	-40.5	%50
14	MP2	X	-54.5	%50
15	MP6	X	-10	%50
16	MP4	X	-40.5	%50
17	MP5	X	-54.5	%50
18	MP10	X	-40.5	%50
19	MP11	X	-54.5	%50
20	MP1	Z	0	%50
21	MP2	Z	0	%50
22	MP3	Z	0	%50
23	MP4	Z	0	%50
24	MP5	Z	0	%50
25	MP6	Z	0	%50
26	MP7	Z	0	%50
27	MP8	Z	0	%50
28	MP9	Z	0	%50
29	MP10	Z	0	%50
30	MP11	Z	0	%50
31	MP12	Z	0	%50
32	MP1	Z	-70.1	%50
33	MP2	Z	-94.4	%50
34	MP6	Z	-17.3	%50
35	MP4	Z	-70.1	%50
36	MP5	Z	-94.4	%50

Member Point Loads (BLC 35 : Horizontal Seismic, Eh (240)) (Continued)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
37	MP10	Z	-70.1	%50
38	MP11	Z	-94.4	%50

Member Point Loads (BLC 36 : Horizontal Seismic, Eh (270))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP1	X	0	%50
2	MP2	X	0	%50
3	MP3	X	0	%50
4	MP4	X	0	%50
5	MP5	X	0	%50
6	MP6	X	0	%50
7	MP7	X	0	%50
8	MP8	X	0	%50
9	MP9	X	0	%50
10	MP10	X	0	%50
11	MP11	X	0	%50
12	MP12	X	0	%50
13	MP1	X	0	%50
14	MP2	X	0	%50
15	MP6	X	0	%50
16	MP4	X	0	%50
17	MP5	X	0	%50
18	MP10	X	0	%50
19	MP11	X	0	%50
20	MP1	Z	0	%50
21	MP2	Z	0	%50
22	MP3	Z	0	%50
23	MP4	Z	0	%50
24	MP5	Z	0	%50
25	MP6	Z	0	%50
26	MP7	Z	0	%50
27	MP8	Z	0	%50
28	MP9	Z	0	%50
29	MP10	Z	0	%50
30	MP11	Z	0	%50
31	MP12	Z	0	%50
32	MP1	Z	-81	%50
33	MP2	Z	-109	%50
34	MP6	Z	-20	%50
35	MP4	Z	-81	%50
36	MP5	Z	-109	%50
37	MP10	Z	-81	%50
38	MP11	Z	-109	%50

Member Point Loads (BLC 37 : Horizontal Seismic, Eh (300))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP1	X	0	%50
2	MP2	X	0	%50
3	MP3	X	0	%50
4	MP4	X	0	%50
5	MP5	X	0	%50
6	MP6	X	0	%50
7	MP7	X	0	%50
8	MP8	X	0	%50
9	MP9	X	0	%50
10	MP10	X	0	%50

Member Point Loads (BLC 37 : Horizontal Seismic, Eh (300)) (Continued)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
11	MP11	X	0	%50
12	MP12	X	0	%50
13	MP1	X	40.5	%50
14	MP2	X	54.5	%50
15	MP6	X	10	%50
16	MP4	X	40.5	%50
17	MP5	X	54.5	%50
18	MP10	X	40.5	%50
19	MP11	X	54.5	%50
20	MP1	Z	0	%50
21	MP2	Z	0	%50
22	MP3	Z	0	%50
23	MP4	Z	0	%50
24	MP5	Z	0	%50
25	MP6	Z	0	%50
26	MP7	Z	0	%50
27	MP8	Z	0	%50
28	MP9	Z	0	%50
29	MP10	Z	0	%50
30	MP11	Z	0	%50
31	MP12	Z	0	%50
32	MP1	Z	-70.1	%50
33	MP2	Z	-94.4	%50
34	MP6	Z	-17.3	%50
35	MP4	Z	-70.1	%50
36	MP5	Z	-94.4	%50
37	MP10	Z	-70.1	%50
38	MP11	Z	-94.4	%50

Member Point Loads (BLC 38 : Horizontal Seismic, Eh (330))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP1	X	0	%50
2	MP2	X	0	%50
3	MP3	X	0	%50
4	MP4	X	0	%50
5	MP5	X	0	%50
6	MP6	X	0	%50
7	MP7	X	0	%50
8	MP8	X	0	%50
9	MP9	X	0	%50
10	MP10	X	0	%50
11	MP11	X	0	%50
12	MP12	X	0	%50
13	MP1	X	70.1	%50
14	MP2	X	94.4	%50
15	MP6	X	17.3	%50
16	MP4	X	70.1	%50
17	MP5	X	94.4	%50
18	MP10	X	70.1	%50
19	MP11	X	94.4	%50
20	MP1	Z	0	%50
21	MP2	Z	0	%50
22	MP3	Z	0	%50
23	MP4	Z	0	%50
24	MP5	Z	0	%50
25	MP6	Z	0	%50

Member Point Loads (BLC 38 : Horizontal Seismic, Eh (330)) (Continued)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
26	MP7	Z	0	%50
27	MP8	Z	0	%50
28	MP9	Z	0	%50
29	MP10	Z	0	%50
30	MP11	Z	0	%50
31	MP12	Z	0	%50
32	MP1	Z	-40.5	%50
33	MP2	Z	-54.5	%50
34	MP6	Z	-10	%50
35	MP4	Z	-40.5	%50
36	MP5	Z	-54.5	%50
37	MP10	Z	-40.5	%50
38	MP11	Z	-54.5	%50

Member Point Loads (BLC 39 : Maintenance Load, Lm (MP1))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP1	Y	-500	%50

Member Point Loads (BLC 40 : Maintenance Load, Lm (MP2))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP2	Y	-500	%50

Member Point Loads (BLC 41 : Maintenance Load, Lm (MP3))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP3	Y	-500	%50

Member Point Loads (BLC 42 : Maintenance Load, Lm (MP4))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP4	Y	-500	%50

Member Point Loads (BLC 43 : Maintenance Load, Lm (MP5))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP5	Y	-500	%50

Member Point Loads (BLC 44 : Maintenance Load, Lm (MP6))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP6	Y	-500	%50

Member Point Loads (BLC 45 : Maintenance Load, Lm (MP7))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP7	Y	-500	%50

Member Point Loads (BLC 46 : Maintenance Load, Lm (MP8))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP8	Y	-500	%50

Member Point Loads (BLC 47 : Maintenance Load, Lm (MP9))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP9	Y	-500	%50

Member Point Loads (BLC 48 : Maintenance Load, Lm (MP10))

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

Member Point Loads (BLC 48 : Maintenance Load, Lm (MP10)) (Continued)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP10	Y	-500	%50

Member Point Loads (BLC 49 : Maintenance Load, Lm (MP11))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP11	Y	-500	%50

Member Point Loads (BLC 50 : Maintenance Load, Lm (MP12))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP12	Y	-500	%50

Member Point Loads (BLC 75 : Maintenance Load, Lv (Pos. 1))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	HR-2	Y	-250	0

Member Point Loads (BLC 76 : Maintenance Load, Lv (Pos. 2))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	HR-10	Y	-250	0

Member Point Loads (BLC 77 : Maintenance Load, Lv (Pos. 3))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	HR-18	Y	-250	0

Member Point Loads (BLC 78 : Maintenance Load, Lv (Pos. 4))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	I.FM-2	Y	-250	0

Member Point Loads (BLC 79 : Maintenance Load, Lv (Pos. 5))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	I.FM-10	Y	-250	0

Member Point Loads (BLC 80 : Maintenance Load, Lv (Pos. 6))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	I.FM-18	Y	-250	0

Member Point Loads (BLC 81 : Maintenance Load, Lv (Pos. 7))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	O.FM-2	Y	-250	0

Member Point Loads (BLC 82 : Maintenance Load, Lv (Pos. 8))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	O.FM-10	Y	-250	0

Member Point Loads (BLC 83 : Maintenance Load, Lv (Pos. 9))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	O.FM-18	Y	-250	0

Member Point Loads (BLC 84 : Maintenance Load, Lv (Pos. 10))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	SA-1	Y	-250	%100

Member Point Loads (BLC 85 : Maintenance Load, Lv (Pos. 11))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	SA-2	Y	-250	%100

Member Point Loads (BLC 86 : Maintenance Load, Lv (Pos. 12))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	SA-3	Y	-250	%100

Member Point Loads (BLC 175 : Antenna Dead Load)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP12	Y	-41.6	%37.344
2	MP12	Y	-41.6	%62.656
3	MP1	Y	-61.4	%6.302
4	MP1	Y	-61.4	%93.698
5	MP2	Y	-12.4	%27.76
6	MP2	Y	-12.4	%72.24
7	MP3	Y	-41.6	%37.344
8	MP3	Y	-41.6	%62.656
9	MP4	Y	-61.4	%6.302
10	MP4	Y	-61.4	%93.698
11	MP5	Y	-12.4	%27.76
12	MP5	Y	-12.4	%72.24
13	MP9	Y	-41.6	%37.344
14	MP9	Y	-41.6	%62.656
15	MP10	Y	-61.4	%6.302
16	MP10	Y	-61.4	%93.698
17	MP11	Y	-12.4	%27.76
18	MP11	Y	-12.4	%72.24

Member Point Loads (BLC 176 : Antenna Wind Load (0 deg))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP12	X	115.3	%37.344
2	MP12	X	115.3	%62.656
3	MP1	X	369.1	%6.302
4	MP1	X	369.1	%93.698
5	MP2	X	107.4	%27.76
6	MP2	X	107.4	%72.24
7	MP3	X	54.4	%37.344
8	MP3	X	54.4	%62.656
9	MP4	X	165.6	%6.302
10	MP4	X	165.6	%93.698
11	MP5	X	51.5	%27.76
12	MP5	X	51.5	%72.24
13	MP9	X	59.8	%37.344
14	MP9	X	59.8	%62.656
15	MP10	X	183.8	%6.302
16	MP10	X	183.8	%93.698
17	MP11	X	56.5	%27.76
18	MP11	X	56.5	%72.24
19	MP12	Z	0	0
20	MP12	Z	0	0
21	MP1	Z	0	0
22	MP1	Z	0	0
23	MP2	Z	0	0
24	MP2	Z	0	0
25	MP3	Z	0	0
26	MP3	Z	0	0

Member Point Loads (BLC 176 : Antenna Wind Load (0 deg)) (Continued)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
27	MP4	Z	0	0
28	MP4	Z	0	0
29	MP5	Z	0	0
30	MP5	Z	0	0
31	MP9	Z	0	0
32	MP9	Z	0	0
33	MP10	Z	0	0
34	MP10	Z	0	0
35	MP11	Z	0	0
36	MP11	Z	0	0

Member Point Loads (BLC 177 : Antenna Wind Load (30 deg))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP12	X	86.2	%37.344
2	MP12	X	86.2	%62.656
3	MP1	X	274.2	%6.302
4	MP1	X	274.2	%93.698
5	MP2	X	80.5	%27.76
6	MP2	X	80.5	%72.24
7	MP3	X	51.8	%37.344
8	MP3	X	51.8	%62.656
9	MP4	X	159.2	%6.302
10	MP4	X	159.2	%93.698
11	MP5	X	49	%27.76
12	MP5	X	49	%72.24
13	MP9	X	47.1	%37.344
14	MP9	X	47.1	%62.656
15	MP10	X	143.4	%6.302
16	MP10	X	143.4	%93.698
17	MP11	X	44.6	%27.76
18	MP11	X	44.6	%72.24
19	MP12	Z	49.8	%37.344
20	MP12	Z	49.8	%62.656
21	MP1	Z	158.3	%6.302
22	MP1	Z	158.3	%93.698
23	MP2	Z	46.5	%27.76
24	MP2	Z	46.5	%72.24
25	MP3	Z	29.9	%37.344
26	MP3	Z	29.9	%62.656
27	MP4	Z	91.9	%6.302
28	MP4	Z	91.9	%93.698
29	MP5	Z	28.3	%27.76
30	MP5	Z	28.3	%72.24
31	MP9	Z	27.2	%37.344
32	MP9	Z	27.2	%62.656
33	MP10	Z	82.8	%6.302
34	MP10	Z	82.8	%93.698
35	MP11	Z	25.8	%27.76
36	MP11	Z	25.8	%72.24

Member Point Loads (BLC 178 : Antenna Wind Load (60 deg))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP12	X	34.1	%37.344
2	MP12	X	34.1	%62.656
3	MP1	X	105.9	%6.302
4	MP1	X	105.9	%93.698

Member Point Loads (BLC 178 : Antenna Wind Load (60 deg)) (Continued)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
5	MP2	X	32.1	%27.76
6	MP2	X	32.1	%72.24
7	MP3	X	44.7	%37.344
8	MP3	X	44.7	%62.656
9	MP4	X	141.2	%6.302
10	MP4	X	141.2	%93.698
11	MP5	X	41.8	%27.76
12	MP5	X	41.8	%72.24
13	MP9	X	39.2	%37.344
14	MP9	X	39.2	%62.656
15	MP10	X	123	%6.302
16	MP10	X	123	%93.698
17	MP11	X	36.8	%27.76
18	MP11	X	36.8	%72.24
19	MP12	Z	59	%37.344
20	MP12	Z	59	%62.656
21	MP1	Z	183.4	%6.302
22	MP1	Z	183.4	%93.698
23	MP2	Z	55.6	%27.76
24	MP2	Z	55.6	%72.24
25	MP3	Z	77.4	%37.344
26	MP3	Z	77.4	%62.656
27	MP4	Z	244.6	%6.302
28	MP4	Z	244.6	%93.698
29	MP5	Z	72.4	%27.76
30	MP5	Z	72.4	%72.24
31	MP9	Z	67.9	%37.344
32	MP9	Z	67.9	%62.656
33	MP10	Z	213	%6.302
34	MP10	Z	213	%93.698
35	MP11	Z	63.7	%27.76
36	MP11	Z	63.7	%72.24

Member Point Loads (BLC 179 : Antenna Wind Load (90 deg))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP12	X	0	0
2	MP12	X	0	0
3	MP1	X	0	0
4	MP1	X	0	0
5	MP2	X	0	0
6	MP2	X	0	0
7	MP3	X	0	0
8	MP3	X	0	0
9	MP4	X	0	0
10	MP4	X	0	0
11	MP5	X	0	0
12	MP5	X	0	0
13	MP9	X	0	0
14	MP9	X	0	0
15	MP10	X	0	0
16	MP10	X	0	0
17	MP11	X	0	0
18	MP11	X	0	0
19	MP12	Z	52.5	%37.344
20	MP12	Z	52.5	%62.656
21	MP1	Z	159.3	%6.302

Member Point Loads (BLC 179 : Antenna Wind Load (90 deg)) (Continued)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
22	MP1	Z	159.3	%93.698
23	MP2	Z	49.8	%27.76
24	MP2	Z	49.8	%72.24
25	MP3	Z	113.4	%37.344
26	MP3	Z	113.4	%62.656
27	MP4	Z	362.8	%6.302
28	MP4	Z	362.8	%93.698
29	MP5	Z	105.6	%27.76
30	MP5	Z	105.6	%72.24
31	MP9	Z	107.9	%37.344
32	MP9	Z	107.9	%62.656
33	MP10	Z	344.6	%6.302
34	MP10	Z	344.6	%93.698
35	MP11	Z	100.6	%27.76
36	MP11	Z	100.6	%72.24

Member Point Loads (BLC 180 : Antenna Wind Load (120 deg))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP12	X	-34.1	%37.344
2	MP12	X	-34.1	%62.656
3	MP1	X	-105.9	%6.302
4	MP1	X	-105.9	%93.698
5	MP2	X	-32.1	%27.76
6	MP2	X	-32.1	%72.24
7	MP3	X	-54	%37.344
8	MP3	X	-54	%62.656
9	MP4	X	-172.3	%6.302
10	MP4	X	-172.3	%93.698
11	MP5	X	-50.3	%27.76
12	MP5	X	-50.3	%72.24
13	MP9	X	-56.7	%37.344
14	MP9	X	-56.7	%62.656
15	MP10	X	-181.4	%6.302
16	MP10	X	-181.4	%93.698
17	MP11	X	-52.8	%27.76
18	MP11	X	-52.8	%72.24
19	MP12	Z	59	%37.344
20	MP12	Z	59	%62.656
21	MP1	Z	183.4	%6.302
22	MP1	Z	183.4	%93.698
23	MP2	Z	55.6	%27.76
24	MP2	Z	55.6	%72.24
25	MP3	Z	93.5	%37.344
26	MP3	Z	93.5	%62.656
27	MP4	Z	298.4	%6.302
28	MP4	Z	298.4	%93.698
29	MP5	Z	87.1	%27.76
30	MP5	Z	87.1	%72.24
31	MP9	Z	98.2	%37.344
32	MP9	Z	98.2	%62.656
33	MP10	Z	314.2	%6.302
34	MP10	Z	314.2	%93.698
35	MP11	Z	91.5	%27.76
36	MP11	Z	91.5	%72.24

Member Point Loads (BLC 181 : Antenna Wind Load (150 deg))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP12	X	-86.2	%37.344
2	MP12	X	-86.2	%62.656
3	MP1	X	-274.2	%6.302
4	MP1	X	-274.2	%93.698
5	MP2	X	-80.5	%27.76
6	MP2	X	-80.5	%72.24
7	MP3	X	-67.9	%37.344
8	MP3	X	-67.9	%62.656
9	MP4	X	-213	%6.302
10	MP4	X	-213	%93.698
11	MP5	X	-63.7	%27.76
12	MP5	X	-63.7	%72.24
13	MP9	X	-77.4	%37.344
14	MP9	X	-77.4	%62.656
15	MP10	X	-244.6	%6.302
16	MP10	X	-244.6	%93.698
17	MP11	X	-72.4	%27.76
18	MP11	X	-72.4	%72.24
19	MP12	Z	49.8	%37.344
20	MP12	Z	49.8	%62.656
21	MP1	Z	158.3	%6.302
22	MP1	Z	158.3	%93.698
23	MP2	Z	46.5	%27.76
24	MP2	Z	46.5	%72.24
25	MP3	Z	39.2	%37.344
26	MP3	Z	39.2	%62.656
27	MP4	Z	123	%6.302
28	MP4	Z	123	%93.698
29	MP5	Z	36.8	%27.76
30	MP5	Z	36.8	%72.24
31	MP9	Z	44.7	%37.344
32	MP9	Z	44.7	%62.656
33	MP10	Z	141.2	%6.302
34	MP10	Z	141.2	%93.698
35	MP11	Z	41.8	%27.76
36	MP11	Z	41.8	%72.24

Member Point Loads (BLC 182 : Antenna Wind Load (180 deg))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP12	X	-115.3	%37.344
2	MP12	X	-115.3	%62.656
3	MP1	X	-369.1	%6.302
4	MP1	X	-369.1	%93.698
5	MP2	X	-107.4	%27.76
6	MP2	X	-107.4	%72.24
7	MP3	X	-54.4	%37.344
8	MP3	X	-54.4	%62.656
9	MP4	X	-165.6	%6.302
10	MP4	X	-165.6	%93.698
11	MP5	X	-51.5	%27.76
12	MP5	X	-51.5	%72.24
13	MP9	X	-59.8	%37.344
14	MP9	X	-59.8	%62.656
15	MP10	X	-183.8	%6.302
16	MP10	X	-183.8	%93.698
17	MP11	X	-56.5	%27.76

Member Point Loads (BLC 182 : Antenna Wind Load (180 deg)) (Continued)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
18	MP11	X	-56.5	%72.24
19	MP12	Z	0	0
20	MP12	Z	0	0
21	MP1	Z	0	0
22	MP1	Z	0	0
23	MP2	Z	0	0
24	MP2	Z	0	0
25	MP3	Z	0	0
26	MP3	Z	0	0
27	MP4	Z	0	0
28	MP4	Z	0	0
29	MP5	Z	0	0
30	MP5	Z	0	0
31	MP9	Z	0	0
32	MP9	Z	0	0
33	MP10	Z	0	0
34	MP10	Z	0	0
35	MP11	Z	0	0
36	MP11	Z	0	0

Member Point Loads (BLC 183 : Antenna Wind Load (210 deg))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP12	X	-86.2	%37.344
2	MP12	X	-86.2	%62.656
3	MP1	X	-274.2	%6.302
4	MP1	X	-274.2	%93.698
5	MP2	X	-80.5	%27.76
6	MP2	X	-80.5	%72.24
7	MP3	X	-51.8	%37.344
8	MP3	X	-51.8	%62.656
9	MP4	X	-159.2	%6.302
10	MP4	X	-159.2	%93.698
11	MP5	X	-49	%27.76
12	MP5	X	-49	%72.24
13	MP9	X	-47.1	%37.344
14	MP9	X	-47.1	%62.656
15	MP10	X	-143.4	%6.302
16	MP10	X	-143.4	%93.698
17	MP11	X	-44.6	%27.76
18	MP11	X	-44.6	%72.24
19	MP12	Z	-49.8	%37.344
20	MP12	Z	-49.8	%62.656
21	MP1	Z	-158.3	%6.302
22	MP1	Z	-158.3	%93.698
23	MP2	Z	-46.5	%27.76
24	MP2	Z	-46.5	%72.24
25	MP3	Z	-29.9	%37.344
26	MP3	Z	-29.9	%62.656
27	MP4	Z	-91.9	%6.302
28	MP4	Z	-91.9	%93.698
29	MP5	Z	-28.3	%27.76
30	MP5	Z	-28.3	%72.24
31	MP9	Z	-27.2	%37.344
32	MP9	Z	-27.2	%62.656
33	MP10	Z	-82.8	%6.302
34	MP10	Z	-82.8	%93.698

Member Point Loads (BLC 183 : Antenna Wind Load (210 deg)) (Continued)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
35	MP11	Z	-25.8	%27.76
36	MP11	Z	-25.8	%72.24

Member Point Loads (BLC 184 : Antenna Wind Load (240 deg))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP12	X	-34.1	%37.344
2	MP12	X	-34.1	%62.656
3	MP1	X	-105.9	%6.302
4	MP1	X	-105.9	%93.698
5	MP2	X	-32.1	%27.76
6	MP2	X	-32.1	%72.24
7	MP3	X	-44.7	%37.344
8	MP3	X	-44.7	%62.656
9	MP4	X	-141.2	%6.302
10	MP4	X	-141.2	%93.698
11	MP5	X	-41.8	%27.76
12	MP5	X	-41.8	%72.24
13	MP9	X	-39.2	%37.344
14	MP9	X	-39.2	%62.656
15	MP10	X	-123	%6.302
16	MP10	X	-123	%93.698
17	MP11	X	-36.8	%27.76
18	MP11	X	-36.8	%72.24
19	MP12	Z	-59	%37.344
20	MP12	Z	-59	%62.656
21	MP1	Z	-183.4	%6.302
22	MP1	Z	-183.4	%93.698
23	MP2	Z	-55.6	%27.76
24	MP2	Z	-55.6	%72.24
25	MP3	Z	-77.4	%37.344
26	MP3	Z	-77.4	%62.656
27	MP4	Z	-244.6	%6.302
28	MP4	Z	-244.6	%93.698
29	MP5	Z	-72.4	%27.76
30	MP5	Z	-72.4	%72.24
31	MP9	Z	-67.9	%37.344
32	MP9	Z	-67.9	%62.656
33	MP10	Z	-213	%6.302
34	MP10	Z	-213	%93.698
35	MP11	Z	-63.7	%27.76
36	MP11	Z	-63.7	%72.24

Member Point Loads (BLC 185 : Antenna Wind Load (270 deg))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP12	X	0	0
2	MP12	X	0	0
3	MP1	X	0	0
4	MP1	X	0	0
5	MP2	X	0	0
6	MP2	X	0	0
7	MP3	X	0	0
8	MP3	X	0	0
9	MP4	X	0	0
10	MP4	X	0	0
11	MP5	X	0	0
12	MP5	X	0	0

Member Point Loads (BLC 185 : Antenna Wind Load (270 deg)) (Continued)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
13	MP9	X	0	0
14	MP9	X	0	0
15	MP10	X	0	0
16	MP10	X	0	0
17	MP11	X	0	0
18	MP11	X	0	0
19	MP12	Z	-52.5	%37.344
20	MP12	Z	-52.5	%62.656
21	MP1	Z	-159.3	%6.302
22	MP1	Z	-159.3	%93.698
23	MP2	Z	-49.8	%27.76
24	MP2	Z	-49.8	%72.24
25	MP3	Z	-113.4	%37.344
26	MP3	Z	-113.4	%62.656
27	MP4	Z	-362.8	%6.302
28	MP4	Z	-362.8	%93.698
29	MP5	Z	-105.6	%27.76
30	MP5	Z	-105.6	%72.24
31	MP9	Z	-107.9	%37.344
32	MP9	Z	-107.9	%62.656
33	MP10	Z	-344.6	%6.302
34	MP10	Z	-344.6	%93.698
35	MP11	Z	-100.6	%27.76
36	MP11	Z	-100.6	%72.24

Member Point Loads (BLC 186 : Antenna Wind Load (300 deg))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP12	X	34.1	%37.344
2	MP12	X	34.1	%62.656
3	MP1	X	105.9	%6.302
4	MP1	X	105.9	%93.698
5	MP2	X	32.1	%27.76
6	MP2	X	32.1	%72.24
7	MP3	X	54	%37.344
8	MP3	X	54	%62.656
9	MP4	X	172.3	%6.302
10	MP4	X	172.3	%93.698
11	MP5	X	50.3	%27.76
12	MP5	X	50.3	%72.24
13	MP9	X	56.7	%37.344
14	MP9	X	56.7	%62.656
15	MP10	X	181.4	%6.302
16	MP10	X	181.4	%93.698
17	MP11	X	52.8	%27.76
18	MP11	X	52.8	%72.24
19	MP12	Z	-59	%37.344
20	MP12	Z	-59	%62.656
21	MP1	Z	-183.4	%6.302
22	MP1	Z	-183.4	%93.698
23	MP2	Z	-55.6	%27.76
24	MP2	Z	-55.6	%72.24
25	MP3	Z	-93.5	%37.344
26	MP3	Z	-93.5	%62.656
27	MP4	Z	-298.4	%6.302
28	MP4	Z	-298.4	%93.698
29	MP5	Z	-87.1	%27.76

Member Point Loads (BLC 186 : Antenna Wind Load (300 deg)) (Continued)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
30	MP5	Z	-87.1	%72.24
31	MP9	Z	-98.2	%37.344
32	MP9	Z	-98.2	%62.656
33	MP10	Z	-314.2	%6.302
34	MP10	Z	-314.2	%93.698
35	MP11	Z	-91.5	%27.76
36	MP11	Z	-91.5	%72.24

Member Point Loads (BLC 187 : Antenna Wind Load (330 deg))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP12	X	86.2	%37.344
2	MP12	X	86.2	%62.656
3	MP1	X	274.2	%6.302
4	MP1	X	274.2	%93.698
5	MP2	X	80.5	%27.76
6	MP2	X	80.5	%72.24
7	MP3	X	67.9	%37.344
8	MP3	X	67.9	%62.656
9	MP4	X	213	%6.302
10	MP4	X	213	%93.698
11	MP5	X	63.7	%27.76
12	MP5	X	63.7	%72.24
13	MP9	X	77.4	%37.344
14	MP9	X	77.4	%62.656
15	MP10	X	244.6	%6.302
16	MP10	X	244.6	%93.698
17	MP11	X	72.4	%27.76
18	MP11	X	72.4	%72.24
19	MP12	Z	-49.8	%37.344
20	MP12	Z	-49.8	%62.656
21	MP1	Z	-158.3	%6.302
22	MP1	Z	-158.3	%93.698
23	MP2	Z	-46.5	%27.76
24	MP2	Z	-46.5	%72.24
25	MP3	Z	-39.2	%37.344
26	MP3	Z	-39.2	%62.656
27	MP4	Z	-123	%6.302
28	MP4	Z	-123	%93.698
29	MP5	Z	-36.8	%27.76
30	MP5	Z	-36.8	%72.24
31	MP9	Z	-44.7	%37.344
32	MP9	Z	-44.7	%62.656
33	MP10	Z	-141.2	%6.302
34	MP10	Z	-141.2	%93.698
35	MP11	Z	-41.8	%27.76
36	MP11	Z	-41.8	%72.24

Member Point Loads (BLC 188 : Antenna Ice Load)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP12	Y	-51.7	%37.344
2	MP12	Y	-51.7	%62.656
3	MP1	Y	-151.9	%6.302
4	MP1	Y	-151.9	%93.698
5	MP2	Y	-45.6	%27.76
6	MP2	Y	-45.6	%72.24
7	MP3	Y	-51.7	%37.344

Member Point Loads (BLC 188 : Antenna Ice Load) (Continued)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
8	MP3	Y	-51.7	%62.656
9	MP4	Y	-151.9	%6.302
10	MP4	Y	-151.9	%93.698
11	MP5	Y	-45.6	%27.76
12	MP5	Y	-45.6	%72.24
13	MP9	Y	-51.7	%37.344
14	MP9	Y	-51.7	%62.656
15	MP10	Y	-151.9	%6.302
16	MP10	Y	-151.9	%93.698
17	MP11	Y	-45.6	%27.76
18	MP11	Y	-45.6	%72.24

Member Point Loads (BLC 189 : Antenna Wind on Ice (0 deg))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP12	X	20.4	%37.344
2	MP12	X	20.4	%62.656
3	MP1	X	63.9	%6.302
4	MP1	X	63.9	%93.698
5	MP2	X	19.4	%27.76
6	MP2	X	19.4	%72.24
7	MP3	X	10.5	%37.344
8	MP3	X	10.5	%62.656
9	MP4	X	30.5	%6.302
10	MP4	X	30.5	%93.698
11	MP5	X	10.4	%27.76
12	MP5	X	10.4	%72.24
13	MP9	X	11.4	%37.344
14	MP9	X	11.4	%62.656
15	MP10	X	33.5	%6.302
16	MP10	X	33.5	%93.698
17	MP11	X	11.2	%27.76
18	MP11	X	11.2	%72.24
19	MP12	Z	0	0
20	MP12	Z	0	0
21	MP1	Z	0	0
22	MP1	Z	0	0
23	MP2	Z	0	0
24	MP2	Z	0	0
25	MP3	Z	0	0
26	MP3	Z	0	0
27	MP4	Z	0	0
28	MP4	Z	0	0
29	MP5	Z	0	0
30	MP5	Z	0	0
31	MP9	Z	0	0
32	MP9	Z	0	0
33	MP10	Z	0	0
34	MP10	Z	0	0
35	MP11	Z	0	0
36	MP11	Z	0	0

Member Point Loads (BLC 190 : Antenna Wind on Ice (30 deg))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP12	X	15.4	%37.344
2	MP12	X	15.4	%62.656
3	MP1	X	47.9	%6.302

Member Point Loads (BLC 190 : Antenna Wind on Ice (30 deg)) (Continued)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
4	MP1	X	47.9	%93.698
5	MP2	X	14.8	%27.76
6	MP2	X	14.8	%72.24
7	MP3	X	9.8	%37.344
8	MP3	X	9.8	%62.656
9	MP4	X	29	%6.302
10	MP4	X	29	%93.698
11	MP5	X	9.7	%27.76
12	MP5	X	9.7	%72.24
13	MP9	X	9.1	%37.344
14	MP9	X	9.1	%62.656
15	MP10	X	26.4	%6.302
16	MP10	X	26.4	%93.698
17	MP11	X	9	%27.76
18	MP11	X	9	%72.24
19	MP12	Z	8.9	%37.344
20	MP12	Z	8.9	%62.656
21	MP1	Z	27.7	%6.302
22	MP1	Z	27.7	%93.698
23	MP2	Z	8.5	%27.76
24	MP2	Z	8.5	%72.24
25	MP3	Z	5.7	%37.344
26	MP3	Z	5.7	%62.656
27	MP4	Z	16.8	%6.302
28	MP4	Z	16.8	%93.698
29	MP5	Z	5.6	%27.76
30	MP5	Z	5.6	%72.24
31	MP9	Z	5.2	%37.344
32	MP9	Z	5.2	%62.656
33	MP10	Z	15.3	%6.302
34	MP10	Z	15.3	%93.698
35	MP11	Z	5.2	%27.76
36	MP11	Z	5.2	%72.24

Member Point Loads (BLC 191 : Antenna Wind on Ice (60 deg))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP12	X	6.4	%37.344
2	MP12	X	6.4	%62.656
3	MP1	X	19	%6.302
4	MP1	X	19	%93.698
5	MP2	X	6.2	%27.76
6	MP2	X	6.2	%72.24
7	MP3	X	8.1	%37.344
8	MP3	X	8.1	%62.656
9	MP4	X	24.8	%6.302
10	MP4	X	24.8	%93.698
11	MP5	X	7.8	%27.76
12	MP5	X	7.8	%72.24
13	MP9	X	7.2	%37.344
14	MP9	X	7.2	%62.656
15	MP10	X	21.9	%6.302
16	MP10	X	21.9	%93.698
17	MP11	X	7	%27.76
18	MP11	X	7	%72.24
19	MP12	Z	11	%37.344
20	MP12	Z	11	%62.656

Member Point Loads (BLC 191 : Antenna Wind on Ice (60 deg)) (Continued)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
21	MP1	Z	33	%6.302
22	MP1	Z	33	%93.698
23	MP2	Z	10.8	%27.76
24	MP2	Z	10.8	%72.24
25	MP3	Z	14	%37.344
26	MP3	Z	14	%62.656
27	MP4	Z	43	%6.302
28	MP4	Z	43	%93.698
29	MP5	Z	13.5	%27.76
30	MP5	Z	13.5	%72.24
31	MP9	Z	12.5	%37.344
32	MP9	Z	12.5	%62.656
33	MP10	Z	37.9	%6.302
34	MP10	Z	37.9	%93.698
35	MP11	Z	12.1	%27.76
36	MP11	Z	12.1	%72.24

Member Point Loads (BLC 192 : Antenna Wind on Ice (90 deg))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP12	X	0	0
2	MP12	X	0	0
3	MP1	X	0	0
4	MP1	X	0	0
5	MP2	X	0	0
6	MP2	X	0	0
7	MP3	X	0	0
8	MP3	X	0	0
9	MP4	X	0	0
10	MP4	X	0	0
11	MP5	X	0	0
12	MP5	X	0	0
13	MP9	X	0	0
14	MP9	X	0	0
15	MP10	X	0	0
16	MP10	X	0	0
17	MP11	X	0	0
18	MP11	X	0	0
19	MP12	Z	10.2	%37.344
20	MP12	Z	10.2	%62.656
21	MP1	Z	29.5	%6.302
22	MP1	Z	29.5	%93.698
23	MP2	Z	10.1	%27.76
24	MP2	Z	10.1	%72.24
25	MP3	Z	20.1	%37.344
26	MP3	Z	20.1	%62.656
27	MP4	Z	62.9	%6.302
28	MP4	Z	62.9	%93.698
29	MP5	Z	19.1	%27.76
30	MP5	Z	19.1	%72.24
31	MP9	Z	19.2	%37.344
32	MP9	Z	19.2	%62.656
33	MP10	Z	59.9	%6.302
34	MP10	Z	59.9	%93.698
35	MP11	Z	18.3	%27.76
36	MP11	Z	18.3	%72.24

Member Point Loads (BLC 193 : Antenna Wind on Ice (120 deg))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP12	X	-6.4	%37.344
2	MP12	X	-6.4	%62.656
3	MP1	X	-19	%6.302
4	MP1	X	-19	%93.698
5	MP2	X	-6.2	%27.76
6	MP2	X	-6.2	%72.24
7	MP3	X	-9.6	%37.344
8	MP3	X	-9.6	%62.656
9	MP4	X	-29.9	%6.302
10	MP4	X	-29.9	%93.698
11	MP5	X	-9.2	%27.76
12	MP5	X	-9.2	%72.24
13	MP9	X	-10	%37.344
14	MP9	X	-10	%62.656
15	MP10	X	-31.4	%6.302
16	MP10	X	-31.4	%93.698
17	MP11	X	-9.6	%27.76
18	MP11	X	-9.6	%72.24
19	MP12	Z	11	%37.344
20	MP12	Z	11	%62.656
21	MP1	Z	33	%6.302
22	MP1	Z	33	%93.698
23	MP2	Z	10.8	%27.76
24	MP2	Z	10.8	%72.24
25	MP3	Z	16.6	%37.344
26	MP3	Z	16.6	%62.656
27	MP4	Z	51.9	%6.302
28	MP4	Z	51.9	%93.698
29	MP5	Z	15.9	%27.76
30	MP5	Z	15.9	%72.24
31	MP9	Z	17.4	%37.344
32	MP9	Z	17.4	%62.656
33	MP10	Z	54.5	%6.302
34	MP10	Z	54.5	%93.698
35	MP11	Z	16.6	%27.76
36	MP11	Z	16.6	%72.24

Member Point Loads (BLC 194 : Antenna Wind on Ice (150 deg))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP12	X	-15.4	%37.344
2	MP12	X	-15.4	%62.656
3	MP1	X	-47.9	%6.302
4	MP1	X	-47.9	%93.698
5	MP2	X	-14.8	%27.76
6	MP2	X	-14.8	%72.24
7	MP3	X	-12.5	%37.344
8	MP3	X	-12.5	%62.656
9	MP4	X	-37.9	%6.302
10	MP4	X	-37.9	%93.698
11	MP5	X	-12.1	%27.76
12	MP5	X	-12.1	%72.24
13	MP9	X	-14	%37.344
14	MP9	X	-14	%62.656
15	MP10	X	-43	%6.302
16	MP10	X	-43	%93.698
17	MP11	X	-13.5	%27.76

Member Point Loads (BLC 194 : Antenna Wind on Ice (150 deg)) (Continued)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
18	MP11	X	-13.5	%72.24
19	MP12	Z	8.9	%37.344
20	MP12	Z	8.9	%62.656
21	MP1	Z	27.7	%6.302
22	MP1	Z	27.7	%93.698
23	MP2	Z	8.5	%27.76
24	MP2	Z	8.5	%72.24
25	MP3	Z	7.2	%37.344
26	MP3	Z	7.2	%62.656
27	MP4	Z	21.9	%6.302
28	MP4	Z	21.9	%93.698
29	MP5	Z	7	%27.76
30	MP5	Z	7	%72.24
31	MP9	Z	8.1	%37.344
32	MP9	Z	8.1	%62.656
33	MP10	Z	24.8	%6.302
34	MP10	Z	24.8	%93.698
35	MP11	Z	7.8	%27.76
36	MP11	Z	7.8	%72.24

Member Point Loads (BLC 195 : Antenna Wind on Ice (180 deg))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP12	X	-20.4	%37.344
2	MP12	X	-20.4	%62.656
3	MP1	X	-63.9	%6.302
4	MP1	X	-63.9	%93.698
5	MP2	X	-19.4	%27.76
6	MP2	X	-19.4	%72.24
7	MP3	X	-10.5	%37.344
8	MP3	X	-10.5	%62.656
9	MP4	X	-30.5	%6.302
10	MP4	X	-30.5	%93.698
11	MP5	X	-10.4	%27.76
12	MP5	X	-10.4	%72.24
13	MP9	X	-11.4	%37.344
14	MP9	X	-11.4	%62.656
15	MP10	X	-33.5	%6.302
16	MP10	X	-33.5	%93.698
17	MP11	X	-11.2	%27.76
18	MP11	X	-11.2	%72.24
19	MP12	Z	0	0
20	MP12	Z	0	0
21	MP1	Z	0	0
22	MP1	Z	0	0
23	MP2	Z	0	0
24	MP2	Z	0	0
25	MP3	Z	0	0
26	MP3	Z	0	0
27	MP4	Z	0	0
28	MP4	Z	0	0
29	MP5	Z	0	0
30	MP5	Z	0	0
31	MP9	Z	0	0
32	MP9	Z	0	0
33	MP10	Z	0	0
34	MP10	Z	0	0

Member Point Loads (BLC 195 : Antenna Wind on Ice (180 deg)) (Continued)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
35	MP11	Z	0	0
36	MP11	Z	0	0

Member Point Loads (BLC 196 : Antenna Wind on Ice (210 deg))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP12	X	-15.4	%37.344
2	MP12	X	-15.4	%62.656
3	MP1	X	-47.9	%6.302
4	MP1	X	-47.9	%93.698
5	MP2	X	-14.8	%27.76
6	MP2	X	-14.8	%72.24
7	MP3	X	-9.8	%37.344
8	MP3	X	-9.8	%62.656
9	MP4	X	-29	%6.302
10	MP4	X	-29	%93.698
11	MP5	X	-9.7	%27.76
12	MP5	X	-9.7	%72.24
13	MP9	X	-9.1	%37.344
14	MP9	X	-9.1	%62.656
15	MP10	X	-26.4	%6.302
16	MP10	X	-26.4	%93.698
17	MP11	X	-9	%27.76
18	MP11	X	-9	%72.24
19	MP12	Z	-8.9	%37.344
20	MP12	Z	-8.9	%62.656
21	MP1	Z	-27.7	%6.302
22	MP1	Z	-27.7	%93.698
23	MP2	Z	-8.5	%27.76
24	MP2	Z	-8.5	%72.24
25	MP3	Z	-5.7	%37.344
26	MP3	Z	-5.7	%62.656
27	MP4	Z	-16.8	%6.302
28	MP4	Z	-16.8	%93.698
29	MP5	Z	-5.6	%27.76
30	MP5	Z	-5.6	%72.24
31	MP9	Z	-5.2	%37.344
32	MP9	Z	-5.2	%62.656
33	MP10	Z	-15.3	%6.302
34	MP10	Z	-15.3	%93.698
35	MP11	Z	-5.2	%27.76
36	MP11	Z	-5.2	%72.24

Member Point Loads (BLC 197 : Antenna Wind on Ice (240 deg))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP12	X	-6.4	%37.344
2	MP12	X	-6.4	%62.656
3	MP1	X	-19	%6.302
4	MP1	X	-19	%93.698
5	MP2	X	-6.2	%27.76
6	MP2	X	-6.2	%72.24
7	MP3	X	-8.1	%37.344
8	MP3	X	-8.1	%62.656
9	MP4	X	-24.8	%6.302
10	MP4	X	-24.8	%93.698
11	MP5	X	-7.8	%27.76
12	MP5	X	-7.8	%72.24

Member Point Loads (BLC 197 : Antenna Wind on Ice (240 deg)) (Continued)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
13	MP9	X	-7.2	%37.344
14	MP9	X	-7.2	%62.656
15	MP10	X	-21.9	%6.302
16	MP10	X	-21.9	%93.698
17	MP11	X	-7	%27.76
18	MP11	X	-7	%72.24
19	MP12	Z	-11	%37.344
20	MP12	Z	-11	%62.656
21	MP1	Z	-33	%6.302
22	MP1	Z	-33	%93.698
23	MP2	Z	-10.8	%27.76
24	MP2	Z	-10.8	%72.24
25	MP3	Z	-14	%37.344
26	MP3	Z	-14	%62.656
27	MP4	Z	-43	%6.302
28	MP4	Z	-43	%93.698
29	MP5	Z	-13.5	%27.76
30	MP5	Z	-13.5	%72.24
31	MP9	Z	-12.5	%37.344
32	MP9	Z	-12.5	%62.656
33	MP10	Z	-37.9	%6.302
34	MP10	Z	-37.9	%93.698
35	MP11	Z	-12.1	%27.76
36	MP11	Z	-12.1	%72.24

Member Point Loads (BLC 198 : Antenna Wind on Ice (270 deg))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP12	X	0	0
2	MP12	X	0	0
3	MP1	X	0	0
4	MP1	X	0	0
5	MP2	X	0	0
6	MP2	X	0	0
7	MP3	X	0	0
8	MP3	X	0	0
9	MP4	X	0	0
10	MP4	X	0	0
11	MP5	X	0	0
12	MP5	X	0	0
13	MP9	X	0	0
14	MP9	X	0	0
15	MP10	X	0	0
16	MP10	X	0	0
17	MP11	X	0	0
18	MP11	X	0	0
19	MP12	Z	-10.2	%37.344
20	MP12	Z	-10.2	%62.656
21	MP1	Z	-29.5	%6.302
22	MP1	Z	-29.5	%93.698
23	MP2	Z	-10.1	%27.76
24	MP2	Z	-10.1	%72.24
25	MP3	Z	-20.1	%37.344
26	MP3	Z	-20.1	%62.656
27	MP4	Z	-62.9	%6.302
28	MP4	Z	-62.9	%93.698
29	MP5	Z	-19.1	%27.76

Member Point Loads (BLC 198 : Antenna Wind on Ice (270 deg)) (Continued)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
30	MP5	Z	-19.1	%72.24
31	MP9	Z	-19.2	%37.344
32	MP9	Z	-19.2	%62.656
33	MP10	Z	-59.9	%6.302
34	MP10	Z	-59.9	%93.698
35	MP11	Z	-18.3	%27.76
36	MP11	Z	-18.3	%72.24

Member Point Loads (BLC 199 : Antenna Wind on Ice (300 deg))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP12	X	6.4	%37.344
2	MP12	X	6.4	%62.656
3	MP1	X	19	%6.302
4	MP1	X	19	%93.698
5	MP2	X	6.2	%27.76
6	MP2	X	6.2	%72.24
7	MP3	X	9.6	%37.344
8	MP3	X	9.6	%62.656
9	MP4	X	29.9	%6.302
10	MP4	X	29.9	%93.698
11	MP5	X	9.2	%27.76
12	MP5	X	9.2	%72.24
13	MP9	X	10	%37.344
14	MP9	X	10	%62.656
15	MP10	X	31.4	%6.302
16	MP10	X	31.4	%93.698
17	MP11	X	9.6	%27.76
18	MP11	X	9.6	%72.24
19	MP12	Z	-11	%37.344
20	MP12	Z	-11	%62.656
21	MP1	Z	-33	%6.302
22	MP1	Z	-33	%93.698
23	MP2	Z	-10.8	%27.76
24	MP2	Z	-10.8	%72.24
25	MP3	Z	-16.6	%37.344
26	MP3	Z	-16.6	%62.656
27	MP4	Z	-51.9	%6.302
28	MP4	Z	-51.9	%93.698
29	MP5	Z	-15.9	%27.76
30	MP5	Z	-15.9	%72.24
31	MP9	Z	-17.4	%37.344
32	MP9	Z	-17.4	%62.656
33	MP10	Z	-54.5	%6.302
34	MP10	Z	-54.5	%93.698
35	MP11	Z	-16.6	%27.76
36	MP11	Z	-16.6	%72.24

Member Point Loads (BLC 200 : Antenna Wind on Ice (330 deg))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP12	X	15.4	%37.344
2	MP12	X	15.4	%62.656
3	MP1	X	47.9	%6.302
4	MP1	X	47.9	%93.698
5	MP2	X	14.8	%27.76
6	MP2	X	14.8	%72.24
7	MP3	X	12.5	%37.344

Member Point Loads (BLC 200 : Antenna Wind on Ice (330 deg)) (Continued)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
8	MP3	X	12.5	%62.656
9	MP4	X	37.9	%6.302
10	MP4	X	37.9	%93.698
11	MP5	X	12.1	%27.76
12	MP5	X	12.1	%72.24
13	MP9	X	14	%37.344
14	MP9	X	14	%62.656
15	MP10	X	43	%6.302
16	MP10	X	43	%93.698
17	MP11	X	13.5	%27.76
18	MP11	X	13.5	%72.24
19	MP12	Z	-8.9	%37.344
20	MP12	Z	-8.9	%62.656
21	MP1	Z	-27.7	%6.302
22	MP1	Z	-27.7	%93.698
23	MP2	Z	-8.5	%27.76
24	MP2	Z	-8.5	%72.24
25	MP3	Z	-7.2	%37.344
26	MP3	Z	-7.2	%62.656
27	MP4	Z	-21.9	%6.302
28	MP4	Z	-21.9	%93.698
29	MP5	Z	-7	%27.76
30	MP5	Z	-7	%72.24
31	MP9	Z	-8.1	%37.344
32	MP9	Z	-8.1	%62.656
33	MP10	Z	-24.8	%6.302
34	MP10	Z	-24.8	%93.698
35	MP11	Z	-7.8	%27.76
36	MP11	Z	-7.8	%72.24

Member Point Loads (BLC 201 : Ant. Horiz. Seismic, Eh (0))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP12	X	41.6	%37.344
2	MP12	X	41.6	%62.656
3	MP1	X	61.4	%6.302
4	MP1	X	61.4	%93.698
5	MP2	X	12.4	%27.76
6	MP2	X	12.4	%72.24
7	MP3	X	41.6	%37.344
8	MP3	X	41.6	%62.656
9	MP4	X	61.4	%6.302
10	MP4	X	61.4	%93.698
11	MP5	X	12.4	%27.76
12	MP5	X	12.4	%72.24
13	MP9	X	41.6	%37.344
14	MP9	X	41.6	%62.656
15	MP10	X	61.4	%6.302
16	MP10	X	61.4	%93.698
17	MP11	X	12.4	%27.76
18	MP11	X	12.4	%72.24
19	MP12	Z	0	0
20	MP12	Z	0	0
21	MP1	Z	0	0
22	MP1	Z	0	0
23	MP2	Z	0	0
24	MP2	Z	0	0

Member Point Loads (BLC 201 : Ant. Horiz. Seismic, Eh (0)) (Continued)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
25	MP3	Z	0	0
26	MP3	Z	0	0
27	MP4	Z	0	0
28	MP4	Z	0	0
29	MP5	Z	0	0
30	MP5	Z	0	0
31	MP9	Z	0	0
32	MP9	Z	0	0
33	MP10	Z	0	0
34	MP10	Z	0	0
35	MP11	Z	0	0
36	MP11	Z	0	0

Member Point Loads (BLC 202 : Ant. Horiz. Seismic, Eh (30))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP12	X	36.1	%37.344
2	MP12	X	36.1	%62.656
3	MP1	X	53.2	%6.302
4	MP1	X	53.2	%93.698
5	MP2	X	10.7	%27.76
6	MP2	X	10.7	%72.24
7	MP3	X	36.1	%37.344
8	MP3	X	36.1	%62.656
9	MP4	X	53.2	%6.302
10	MP4	X	53.2	%93.698
11	MP5	X	10.7	%27.76
12	MP5	X	10.7	%72.24
13	MP9	X	36.1	%37.344
14	MP9	X	36.1	%62.656
15	MP10	X	53.2	%6.302
16	MP10	X	53.2	%93.698
17	MP11	X	10.7	%27.76
18	MP11	X	10.7	%72.24
19	MP12	Z	20.8	%37.344
20	MP12	Z	20.8	%62.656
21	MP1	Z	30.7	%6.302
22	MP1	Z	30.7	%93.698
23	MP2	Z	6.2	%27.76
24	MP2	Z	6.2	%72.24
25	MP3	Z	20.8	%37.344
26	MP3	Z	20.8	%62.656
27	MP4	Z	30.7	%6.302
28	MP4	Z	30.7	%93.698
29	MP5	Z	6.2	%27.76
30	MP5	Z	6.2	%72.24
31	MP9	Z	20.8	%37.344
32	MP9	Z	20.8	%62.656
33	MP10	Z	30.7	%6.302
34	MP10	Z	30.7	%93.698
35	MP11	Z	6.2	%27.76
36	MP11	Z	6.2	%72.24

Member Point Loads (BLC 203 : Ant. Horiz. Seismic, Eh (60))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP12	X	20.8	%37.344
2	MP12	X	20.8	%62.656

Member Point Loads (BLC 203 : Ant. Horiz. Seismic, Eh (60)) (Continued)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
3	MP1	X	30.7	%6.302
4	MP1	X	30.7	%93.698
5	MP2	X	6.2	%27.76
6	MP2	X	6.2	%72.24
7	MP3	X	20.8	%37.344
8	MP3	X	20.8	%62.656
9	MP4	X	30.7	%6.302
10	MP4	X	30.7	%93.698
11	MP5	X	6.2	%27.76
12	MP5	X	6.2	%72.24
13	MP9	X	20.8	%37.344
14	MP9	X	20.8	%62.656
15	MP10	X	30.7	%6.302
16	MP10	X	30.7	%93.698
17	MP11	X	6.2	%27.76
18	MP11	X	6.2	%72.24
19	MP12	Z	36.1	%37.344
20	MP12	Z	36.1	%62.656
21	MP1	Z	53.2	%6.302
22	MP1	Z	53.2	%93.698
23	MP2	Z	10.7	%27.76
24	MP2	Z	10.7	%72.24
25	MP3	Z	36.1	%37.344
26	MP3	Z	36.1	%62.656
27	MP4	Z	53.2	%6.302
28	MP4	Z	53.2	%93.698
29	MP5	Z	10.7	%27.76
30	MP5	Z	10.7	%72.24
31	MP9	Z	36.1	%37.344
32	MP9	Z	36.1	%62.656
33	MP10	Z	53.2	%6.302
34	MP10	Z	53.2	%93.698
35	MP11	Z	10.7	%27.76
36	MP11	Z	10.7	%72.24

Member Point Loads (BLC 204 : Ant. Horiz. Seismic, Eh (90))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP12	X	0	0
2	MP12	X	0	0
3	MP1	X	0	0
4	MP1	X	0	0
5	MP2	X	0	0
6	MP2	X	0	0
7	MP3	X	0	0
8	MP3	X	0	0
9	MP4	X	0	0
10	MP4	X	0	0
11	MP5	X	0	0
12	MP5	X	0	0
13	MP9	X	0	0
14	MP9	X	0	0
15	MP10	X	0	0
16	MP10	X	0	0
17	MP11	X	0	0
18	MP11	X	0	0
19	MP12	Z	41.6	%37.344

Member Point Loads (BLC 204 : Ant. Horiz. Seismic, Eh (90)) (Continued)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
20	MP12	Z	41.6	%62.656
21	MP1	Z	61.4	%6.302
22	MP1	Z	61.4	%93.698
23	MP2	Z	12.4	%27.76
24	MP2	Z	12.4	%72.24
25	MP3	Z	41.6	%37.344
26	MP3	Z	41.6	%62.656
27	MP4	Z	61.4	%6.302
28	MP4	Z	61.4	%93.698
29	MP5	Z	12.4	%27.76
30	MP5	Z	12.4	%72.24
31	MP9	Z	41.6	%37.344
32	MP9	Z	41.6	%62.656
33	MP10	Z	61.4	%6.302
34	MP10	Z	61.4	%93.698
35	MP11	Z	12.4	%27.76
36	MP11	Z	12.4	%72.24

Member Point Loads (BLC 205 : Ant. Horiz. Seismic, Eh (120))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP12	X	-20.8	%37.344
2	MP12	X	-20.8	%62.656
3	MP1	X	-30.7	%6.302
4	MP1	X	-30.7	%93.698
5	MP2	X	-6.2	%27.76
6	MP2	X	-6.2	%72.24
7	MP3	X	-20.8	%37.344
8	MP3	X	-20.8	%62.656
9	MP4	X	-30.7	%6.302
10	MP4	X	-30.7	%93.698
11	MP5	X	-6.2	%27.76
12	MP5	X	-6.2	%72.24
13	MP9	X	-20.8	%37.344
14	MP9	X	-20.8	%62.656
15	MP10	X	-30.7	%6.302
16	MP10	X	-30.7	%93.698
17	MP11	X	-6.2	%27.76
18	MP11	X	-6.2	%72.24
19	MP12	Z	36.1	%37.344
20	MP12	Z	36.1	%62.656
21	MP1	Z	53.2	%6.302
22	MP1	Z	53.2	%93.698
23	MP2	Z	10.7	%27.76
24	MP2	Z	10.7	%72.24
25	MP3	Z	36.1	%37.344
26	MP3	Z	36.1	%62.656
27	MP4	Z	53.2	%6.302
28	MP4	Z	53.2	%93.698
29	MP5	Z	10.7	%27.76
30	MP5	Z	10.7	%72.24
31	MP9	Z	36.1	%37.344
32	MP9	Z	36.1	%62.656
33	MP10	Z	53.2	%6.302
34	MP10	Z	53.2	%93.698
35	MP11	Z	10.7	%27.76
36	MP11	Z	10.7	%72.24

Member Point Loads (BLC 206 : Ant. Horiz. Seismic, Eh (150))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP12	X	-36.1	%37.344
2	MP12	X	-36.1	%62.656
3	MP1	X	-53.2	%6.302
4	MP1	X	-53.2	%93.698
5	MP2	X	-10.7	%27.76
6	MP2	X	-10.7	%72.24
7	MP3	X	-36.1	%37.344
8	MP3	X	-36.1	%62.656
9	MP4	X	-53.2	%6.302
10	MP4	X	-53.2	%93.698
11	MP5	X	-10.7	%27.76
12	MP5	X	-10.7	%72.24
13	MP9	X	-36.1	%37.344
14	MP9	X	-36.1	%62.656
15	MP10	X	-53.2	%6.302
16	MP10	X	-53.2	%93.698
17	MP11	X	-10.7	%27.76
18	MP11	X	-10.7	%72.24
19	MP12	Z	20.8	%37.344
20	MP12	Z	20.8	%62.656
21	MP1	Z	30.7	%6.302
22	MP1	Z	30.7	%93.698
23	MP2	Z	6.2	%27.76
24	MP2	Z	6.2	%72.24
25	MP3	Z	20.8	%37.344
26	MP3	Z	20.8	%62.656
27	MP4	Z	30.7	%6.302
28	MP4	Z	30.7	%93.698
29	MP5	Z	6.2	%27.76
30	MP5	Z	6.2	%72.24
31	MP9	Z	20.8	%37.344
32	MP9	Z	20.8	%62.656
33	MP10	Z	30.7	%6.302
34	MP10	Z	30.7	%93.698
35	MP11	Z	6.2	%27.76
36	MP11	Z	6.2	%72.24

Member Point Loads (BLC 207 : Ant. Horiz. Seismic, Eh (180))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP12	X	-41.6	%37.344
2	MP12	X	-41.6	%62.656
3	MP1	X	-61.4	%6.302
4	MP1	X	-61.4	%93.698
5	MP2	X	-12.4	%27.76
6	MP2	X	-12.4	%72.24
7	MP3	X	-41.6	%37.344
8	MP3	X	-41.6	%62.656
9	MP4	X	-61.4	%6.302
10	MP4	X	-61.4	%93.698
11	MP5	X	-12.4	%27.76
12	MP5	X	-12.4	%72.24
13	MP9	X	-41.6	%37.344
14	MP9	X	-41.6	%62.656
15	MP10	X	-61.4	%6.302
16	MP10	X	-61.4	%93.698
17	MP11	X	-12.4	%27.76

Member Point Loads (BLC 207 : Ant. Horiz. Seismic, Eh (180)) (Continued)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
18	MP11	X	-12.4	%72.24
19	MP12	Z	0	0
20	MP12	Z	0	0
21	MP1	Z	0	0
22	MP1	Z	0	0
23	MP2	Z	0	0
24	MP2	Z	0	0
25	MP3	Z	0	0
26	MP3	Z	0	0
27	MP4	Z	0	0
28	MP4	Z	0	0
29	MP5	Z	0	0
30	MP5	Z	0	0
31	MP9	Z	0	0
32	MP9	Z	0	0
33	MP10	Z	0	0
34	MP10	Z	0	0
35	MP11	Z	0	0
36	MP11	Z	0	0

Member Point Loads (BLC 208 : Ant. Horiz. Seismic, Eh (210))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP12	X	-36.1	%37.344
2	MP12	X	-36.1	%62.656
3	MP1	X	-53.2	%6.302
4	MP1	X	-53.2	%93.698
5	MP2	X	-10.7	%27.76
6	MP2	X	-10.7	%72.24
7	MP3	X	-36.1	%37.344
8	MP3	X	-36.1	%62.656
9	MP4	X	-53.2	%6.302
10	MP4	X	-53.2	%93.698
11	MP5	X	-10.7	%27.76
12	MP5	X	-10.7	%72.24
13	MP9	X	-36.1	%37.344
14	MP9	X	-36.1	%62.656
15	MP10	X	-53.2	%6.302
16	MP10	X	-53.2	%93.698
17	MP11	X	-10.7	%27.76
18	MP11	X	-10.7	%72.24
19	MP12	Z	-20.8	%37.344
20	MP12	Z	-20.8	%62.656
21	MP1	Z	-30.7	%6.302
22	MP1	Z	-30.7	%93.698
23	MP2	Z	-6.2	%27.76
24	MP2	Z	-6.2	%72.24
25	MP3	Z	-20.8	%37.344
26	MP3	Z	-20.8	%62.656
27	MP4	Z	-30.7	%6.302
28	MP4	Z	-30.7	%93.698
29	MP5	Z	-6.2	%27.76
30	MP5	Z	-6.2	%72.24
31	MP9	Z	-20.8	%37.344
32	MP9	Z	-20.8	%62.656
33	MP10	Z	-30.7	%6.302
34	MP10	Z	-30.7	%93.698

Member Point Loads (BLC 208 : Ant. Horiz. Seismic, Eh (210)) (Continued)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
35	MP11	Z	-6.2	%27.76
36	MP11	Z	-6.2	%72.24

Member Point Loads (BLC 209 : Ant. Horiz. Seismic, Eh (240))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP12	X	-20.8	%37.344
2	MP12	X	-20.8	%62.656
3	MP1	X	-30.7	%6.302
4	MP1	X	-30.7	%93.698
5	MP2	X	-6.2	%27.76
6	MP2	X	-6.2	%72.24
7	MP3	X	-20.8	%37.344
8	MP3	X	-20.8	%62.656
9	MP4	X	-30.7	%6.302
10	MP4	X	-30.7	%93.698
11	MP5	X	-6.2	%27.76
12	MP5	X	-6.2	%72.24
13	MP9	X	-20.8	%37.344
14	MP9	X	-20.8	%62.656
15	MP10	X	-30.7	%6.302
16	MP10	X	-30.7	%93.698
17	MP11	X	-6.2	%27.76
18	MP11	X	-6.2	%72.24
19	MP12	Z	-36.1	%37.344
20	MP12	Z	-36.1	%62.656
21	MP1	Z	-53.2	%6.302
22	MP1	Z	-53.2	%93.698
23	MP2	Z	-10.7	%27.76
24	MP2	Z	-10.7	%72.24
25	MP3	Z	-36.1	%37.344
26	MP3	Z	-36.1	%62.656
27	MP4	Z	-53.2	%6.302
28	MP4	Z	-53.2	%93.698
29	MP5	Z	-10.7	%27.76
30	MP5	Z	-10.7	%72.24
31	MP9	Z	-36.1	%37.344
32	MP9	Z	-36.1	%62.656
33	MP10	Z	-53.2	%6.302
34	MP10	Z	-53.2	%93.698
35	MP11	Z	-10.7	%27.76
36	MP11	Z	-10.7	%72.24

Member Point Loads (BLC 210 : Ant. Horiz. Seismic, Eh (270))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP12	X	0	0
2	MP12	X	0	0
3	MP1	X	0	0
4	MP1	X	0	0
5	MP2	X	0	0
6	MP2	X	0	0
7	MP3	X	0	0
8	MP3	X	0	0
9	MP4	X	0	0
10	MP4	X	0	0
11	MP5	X	0	0
12	MP5	X	0	0

Member Point Loads (BLC 210 : Ant. Horiz. Seismic, Eh (270)) (Continued)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
13	MP9	X	0	0
14	MP9	X	0	0
15	MP10	X	0	0
16	MP10	X	0	0
17	MP11	X	0	0
18	MP11	X	0	0
19	MP12	Z	-41.6	%37.344
20	MP12	Z	-41.6	%62.656
21	MP1	Z	-61.4	%6.302
22	MP1	Z	-61.4	%93.698
23	MP2	Z	-12.4	%27.76
24	MP2	Z	-12.4	%72.24
25	MP3	Z	-41.6	%37.344
26	MP3	Z	-41.6	%62.656
27	MP4	Z	-61.4	%6.302
28	MP4	Z	-61.4	%93.698
29	MP5	Z	-12.4	%27.76
30	MP5	Z	-12.4	%72.24
31	MP9	Z	-41.6	%37.344
32	MP9	Z	-41.6	%62.656
33	MP10	Z	-61.4	%6.302
34	MP10	Z	-61.4	%93.698
35	MP11	Z	-12.4	%27.76
36	MP11	Z	-12.4	%72.24

Member Point Loads (BLC 211 : Ant. Horiz. Seismic, Eh (300))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP12	X	20.8	%37.344
2	MP12	X	20.8	%62.656
3	MP1	X	30.7	%6.302
4	MP1	X	30.7	%93.698
5	MP2	X	6.2	%27.76
6	MP2	X	6.2	%72.24
7	MP3	X	20.8	%37.344
8	MP3	X	20.8	%62.656
9	MP4	X	30.7	%6.302
10	MP4	X	30.7	%93.698
11	MP5	X	6.2	%27.76
12	MP5	X	6.2	%72.24
13	MP9	X	20.8	%37.344
14	MP9	X	20.8	%62.656
15	MP10	X	30.7	%6.302
16	MP10	X	30.7	%93.698
17	MP11	X	6.2	%27.76
18	MP11	X	6.2	%72.24
19	MP12	Z	-36.1	%37.344
20	MP12	Z	-36.1	%62.656
21	MP1	Z	-53.2	%6.302
22	MP1	Z	-53.2	%93.698
23	MP2	Z	-10.7	%27.76
24	MP2	Z	-10.7	%72.24
25	MP3	Z	-36.1	%37.344
26	MP3	Z	-36.1	%62.656
27	MP4	Z	-53.2	%6.302
28	MP4	Z	-53.2	%93.698
29	MP5	Z	-10.7	%27.76

Member Point Loads (BLC 211 : Ant. Horiz. Seismic, Eh (300)) (Continued)

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
30	MP5	Z	-10.7	%72.24
31	MP9	Z	-36.1	%37.344
32	MP9	Z	-36.1	%62.656
33	MP10	Z	-53.2	%6.302
34	MP10	Z	-53.2	%93.698
35	MP11	Z	-10.7	%27.76
36	MP11	Z	-10.7	%72.24

Member Point Loads (BLC 212 : Ant. Horiz. Seismic, Eh (330))

	Member Label	Direction	Magnitude[lb,lb-ft]	Location[in,%]
1	MP12	X	36.1	%37.344
2	MP12	X	36.1	%62.656
3	MP1	X	53.2	%6.302
4	MP1	X	53.2	%93.698
5	MP2	X	10.7	%27.76
6	MP2	X	10.7	%72.24
7	MP3	X	36.1	%37.344
8	MP3	X	36.1	%62.656
9	MP4	X	53.2	%6.302
10	MP4	X	53.2	%93.698
11	MP5	X	10.7	%27.76
12	MP5	X	10.7	%72.24
13	MP9	X	36.1	%37.344
14	MP9	X	36.1	%62.656
15	MP10	X	53.2	%6.302
16	MP10	X	53.2	%93.698
17	MP11	X	10.7	%27.76
18	MP11	X	10.7	%72.24
19	MP12	Z	-20.8	%37.344
20	MP12	Z	-20.8	%62.656
21	MP1	Z	-30.7	%6.302
22	MP1	Z	-30.7	%93.698
23	MP2	Z	-6.2	%27.76
24	MP2	Z	-6.2	%72.24
25	MP3	Z	-20.8	%37.344
26	MP3	Z	-20.8	%62.656
27	MP4	Z	-30.7	%6.302
28	MP4	Z	-30.7	%93.698
29	MP5	Z	-6.2	%27.76
30	MP5	Z	-6.2	%72.24
31	MP9	Z	-20.8	%37.344
32	MP9	Z	-20.8	%62.656
33	MP10	Z	-30.7	%6.302
34	MP10	Z	-30.7	%93.698
35	MP11	Z	-6.2	%27.76
36	MP11	Z	-6.2	%72.24

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
1	FM.V-1	X	9.3	9.3	0	0
2	FM.V-2	X	9.3	9.3	0	0
3	FM.V-3	X	9.3	9.3	0	0
4	FM.V-4	X	9.3	9.3	0	0
5	FM.V-5	X	9.3	9.3	0	0
6	FM.V-6	X	9.3	9.3	0	0

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
7	HR-1	X	1.8	1.8	0	0
8	HR-2	X	5	5	0	0
9	HR-3	X	7.9	7.9	0	0
10	HR-4	X	10.2	10.2	0	0
11	HR-5	X	11.8	11.8	0	0
12	HR-6	X	12.7	12.7	0	0
13	HR-7	X	12.6	12.6	0	0
14	HR-8	X	11.8	11.8	0	0
15	HR-9	X	10.1	10.1	0	0
16	HR-10	X	7.7	7.7	0	0
17	HR-11	X	4.8	4.8	0	0
18	HR-12	X	1.6	1.6	0	0
19	HR-13	X	1.8	1.8	0	0
20	HR-14	X	5	5	0	0
21	HR-15	X	7.9	7.9	0	0
22	HR-16	X	10.2	10.2	0	0
23	HR-17	X	11.8	11.8	0	0
24	HR-18	X	12.7	12.7	0	0
25	HR-19	X	12.6	12.6	0	0
26	HR-20	X	11.8	11.8	0	0
27	HR-21	X	10.1	10.1	0	0
28	HR-22	X	7.7	7.7	0	0
29	HR-23	X	4.8	4.8	0	0
30	HR-24	X	1.6	1.6	0	0
31	I.FM-1	X	1.8	1.8	0	0
32	I.FM-2	X	5	5	0	0
33	I.FM-3	X	7.9	7.9	0	0
34	I.FM-4	X	10.2	10.2	0	0
35	I.FM-5	X	11.8	11.8	0	0
36	I.FM-6	X	12.7	12.7	0	0
37	I.FM-7	X	12.6	12.6	0	0
38	I.FM-8	X	11.8	11.8	0	0
39	I.FM-9	X	10.1	10.1	0	0
40	I.FM-10	X	7.7	7.7	0	0
41	I.FM-11	X	4.8	4.8	0	0
42	I.FM-12	X	1.6	1.6	0	0
43	I.FM-13	X	1.8	1.8	0	0
44	I.FM-14	X	5	5	0	0
45	I.FM-15	X	7.9	7.9	0	0
46	I.FM-16	X	10.2	10.2	0	0
47	I.FM-17	X	11.8	11.8	0	0
48	I.FM-18	X	12.7	12.7	0	0
49	I.FM-19	X	12.6	12.6	0	0
50	I.FM-20	X	11.8	11.8	0	0
51	I.FM-21	X	10.1	10.1	0	0
52	I.FM-22	X	7.7	7.7	0	0
53	I.FM-23	X	4.8	4.8	0	0
54	I.FM-24	X	1.6	1.6	0	0
55	O.FM-1	X	1.8	1.8	0	0
56	O.FM-2	X	5	5	0	0
57	O.FM-3	X	7.9	7.9	0	0
58	O.FM-4	X	10.2	10.2	0	0
59	O.FM-5	X	11.8	11.8	0	0
60	O.FM-6	X	12.7	12.7	0	0
61	O.FM-7	X	12.6	12.6	0	0
62	O.FM-8	X	11.8	11.8	0	0
63	O.FM-9	X	10.1	10.1	0	0

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
64	O.FM-10	X	7.7	7.7	0	0
65	O.FM-11	X	4.8	4.8	0	0
66	O.FM-12	X	1.6	1.6	0	0
67	O.FM-13	X	1.8	1.8	0	0
68	O.FM-14	X	5	5	0	0
69	O.FM-15	X	7.9	7.9	0	0
70	O.FM-16	X	10.2	10.2	0	0
71	O.FM-17	X	11.8	11.8	0	0
72	O.FM-18	X	12.7	12.7	0	0
73	O.FM-19	X	12.6	12.6	0	0
74	O.FM-20	X	11.8	11.8	0	0
75	O.FM-21	X	10.1	10.1	0	0
76	O.FM-22	X	7.7	7.7	0	0
77	O.FM-23	X	4.8	4.8	0	0
78	O.FM-24	X	1.6	1.6	0	0
79	SA-1	X	0	0	0	0
80	SA-2	X	12.3	12.3	0	0
81	SA-3	X	12.3	12.3	0	0
82	FM.V-1	Z	0	0	0	0
83	FM.V-2	Z	0	0	0	0
84	FM.V-3	Z	0	0	0	0
85	FM.V-4	Z	0	0	0	0
86	FM.V-5	Z	0	0	0	0
87	FM.V-6	Z	0	0	0	0
88	HR-1	Z	0	0	0	0
89	HR-2	Z	0	0	0	0
90	HR-3	Z	0	0	0	0
91	HR-4	Z	0	0	0	0
92	HR-5	Z	0	0	0	0
93	HR-6	Z	0	0	0	0
94	HR-7	Z	0	0	0	0
95	HR-8	Z	0	0	0	0
96	HR-9	Z	0	0	0	0
97	HR-10	Z	0	0	0	0
98	HR-11	Z	0	0	0	0
99	HR-12	Z	0	0	0	0
100	HR-13	Z	0	0	0	0
101	HR-14	Z	0	0	0	0
102	HR-15	Z	0	0	0	0
103	HR-16	Z	0	0	0	0
104	HR-17	Z	0	0	0	0
105	HR-18	Z	0	0	0	0
106	HR-19	Z	0	0	0	0
107	HR-20	Z	0	0	0	0
108	HR-21	Z	0	0	0	0
109	HR-22	Z	0	0	0	0
110	HR-23	Z	0	0	0	0
111	HR-24	Z	0	0	0	0
112	I.FM-1	Z	0	0	0	0
113	I.FM-2	Z	0	0	0	0
114	I.FM-3	Z	0	0	0	0
115	I.FM-4	Z	0	0	0	0
116	I.FM-5	Z	0	0	0	0
117	I.FM-6	Z	0	0	0	0
118	I.FM-7	Z	0	0	0	0
119	I.FM-8	Z	0	0	0	0
120	I.FM-9	Z	0	0	0	0

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

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
121	I.FM-10	Z	0	0	0	0
122	I.FM-11	Z	0	0	0	0
123	I.FM-12	Z	0	0	0	0
124	I.FM-13	Z	0	0	0	0
125	I.FM-14	Z	0	0	0	0
126	I.FM-15	Z	0	0	0	0
127	I.FM-16	Z	0	0	0	0
128	I.FM-17	Z	0	0	0	0
129	I.FM-18	Z	0	0	0	0
130	I.FM-19	Z	0	0	0	0
131	I.FM-20	Z	0	0	0	0
132	I.FM-21	Z	0	0	0	0
133	I.FM-22	Z	0	0	0	0
134	I.FM-23	Z	0	0	0	0
135	I.FM-24	Z	0	0	0	0
136	O.FM-1	Z	0	0	0	0
137	O.FM-2	Z	0	0	0	0
138	O.FM-3	Z	0	0	0	0
139	O.FM-4	Z	0	0	0	0
140	O.FM-5	Z	0	0	0	0
141	O.FM-6	Z	0	0	0	0
142	O.FM-7	Z	0	0	0	0
143	O.FM-8	Z	0	0	0	0
144	O.FM-9	Z	0	0	0	0
145	O.FM-10	Z	0	0	0	0
146	O.FM-11	Z	0	0	0	0
147	O.FM-12	Z	0	0	0	0
148	O.FM-13	Z	0	0	0	0
149	O.FM-14	Z	0	0	0	0
150	O.FM-15	Z	0	0	0	0
151	O.FM-16	Z	0	0	0	0
152	O.FM-17	Z	0	0	0	0
153	O.FM-18	Z	0	0	0	0
154	O.FM-19	Z	0	0	0	0
155	O.FM-20	Z	0	0	0	0
156	O.FM-21	Z	0	0	0	0
157	O.FM-22	Z	0	0	0	0
158	O.FM-23	Z	0	0	0	0
159	O.FM-24	Z	0	0	0	0
160	SA-1	Z	0	0	0	0
161	SA-2	Z	0	0	0	0
162	SA-3	Z	0	0	0	0

Member Distributed Loads (BLC 3 : Wind Load (30 deg))

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
1	FM.V-1	X	8	8	0	0
2	FM.V-2	X	8	8	0	0
3	FM.V-3	X	8	8	0	0
4	FM.V-4	X	8	8	0	0
5	FM.V-5	X	8	8	0	0
6	FM.V-6	X	8	8	0	0
7	HR-1	X	4.1	4.1	0	0
8	HR-2	X	1.3	1.3	0	0
9	HR-3	X	1.5	1.5	0	0
10	HR-4	X	4.3	4.3	0	0
11	HR-5	X	6.8	6.8	0	0

Member Distributed Loads (BLC 3 : Wind Load (30 deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
12	HR-6	X	8.8	8.8	0	0
13	HR-7	X	10.2	10.2	0	0
14	HR-8	X	11	11	0	0
15	HR-9	X	10.9	10.9	0	0
16	HR-10	X	10.2	10.2	0	0
17	HR-11	X	8.7	8.7	0	0
18	HR-12	X	6.7	6.7	0	0
19	HR-13	X	4.1	4.1	0	0
20	HR-14	X	1.3	1.3	0	0
21	HR-15	X	1.5	1.5	0	0
22	HR-16	X	4.3	4.3	0	0
23	HR-17	X	6.8	6.8	0	0
24	HR-18	X	8.8	8.8	0	0
25	HR-19	X	10.2	10.2	0	0
26	HR-20	X	11	11	0	0
27	HR-21	X	10.9	10.9	0	0
28	HR-22	X	10.2	10.2	0	0
29	HR-23	X	8.7	8.7	0	0
30	HR-24	X	6.7	6.7	0	0
31	I.FM-1	X	4.1	4.1	0	0
32	I.FM-2	X	1.3	1.3	0	0
33	I.FM-3	X	1.5	1.5	0	0
34	I.FM-4	X	4.3	4.3	0	0
35	I.FM-5	X	6.8	6.8	0	0
36	I.FM-6	X	8.8	8.8	0	0
37	I.FM-7	X	10.2	10.2	0	0
38	I.FM-8	X	11	11	0	0
39	I.FM-9	X	10.9	10.9	0	0
40	I.FM-10	X	10.2	10.2	0	0
41	I.FM-11	X	8.7	8.7	0	0
42	I.FM-12	X	6.7	6.7	0	0
43	I.FM-13	X	4.1	4.1	0	0
44	I.FM-14	X	1.3	1.3	0	0
45	I.FM-15	X	1.5	1.5	0	0
46	I.FM-16	X	4.3	4.3	0	0
47	I.FM-17	X	6.8	6.8	0	0
48	I.FM-18	X	8.8	8.8	0	0
49	I.FM-19	X	10.2	10.2	0	0
50	I.FM-20	X	11	11	0	0
51	I.FM-21	X	10.9	10.9	0	0
52	I.FM-22	X	10.2	10.2	0	0
53	I.FM-23	X	8.7	8.7	0	0
54	I.FM-24	X	6.7	6.7	0	0
55	O.FM-1	X	4.1	4.1	0	0
56	O.FM-2	X	1.3	1.3	0	0
57	O.FM-3	X	1.5	1.5	0	0
58	O.FM-4	X	4.3	4.3	0	0
59	O.FM-5	X	6.8	6.8	0	0
60	O.FM-6	X	8.8	8.8	0	0
61	O.FM-7	X	10.2	10.2	0	0
62	O.FM-8	X	11	11	0	0
63	O.FM-9	X	10.9	10.9	0	0
64	O.FM-10	X	10.2	10.2	0	0
65	O.FM-11	X	8.7	8.7	0	0
66	O.FM-12	X	6.7	6.7	0	0
67	O.FM-13	X	4.1	4.1	0	0
68	O.FM-14	X	1.3	1.3	0	0

Member Distributed Loads (BLC 3 : Wind Load (30 deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
69	O.FM-15	X	1.5	1.5	0	0
70	O.FM-16	X	4.3	4.3	0	0
71	O.FM-17	X	6.8	6.8	0	0
72	O.FM-18	X	8.8	8.8	0	0
73	O.FM-19	X	10.2	10.2	0	0
74	O.FM-20	X	11	11	0	0
75	O.FM-21	X	10.9	10.9	0	0
76	O.FM-22	X	10.2	10.2	0	0
77	O.FM-23	X	8.7	8.7	0	0
78	O.FM-24	X	6.7	6.7	0	0
79	SA-1	X	6.2	6.2	0	0
80	SA-2	X	12.3	12.3	0	0
81	SA-3	X	6.2	6.2	0	0
82	FM.V-1	Z	4.6	4.6	0	0
83	FM.V-2	Z	4.6	4.6	0	0
84	FM.V-3	Z	4.6	4.6	0	0
85	FM.V-4	Z	4.6	4.6	0	0
86	FM.V-5	Z	4.6	4.6	0	0
87	FM.V-6	Z	4.6	4.6	0	0
88	HR-1	Z	2.4	2.4	0	0
89	HR-2	Z	.8	.8	0	0
90	HR-3	Z	.9	.9	0	0
91	HR-4	Z	2.5	2.5	0	0
92	HR-5	Z	3.9	3.9	0	0
93	HR-6	Z	5.1	5.1	0	0
94	HR-7	Z	5.9	5.9	0	0
95	HR-8	Z	6.3	6.3	0	0
96	HR-9	Z	6.3	6.3	0	0
97	HR-10	Z	5.9	5.9	0	0
98	HR-11	Z	5	5	0	0
99	HR-12	Z	3.8	3.8	0	0
100	HR-13	Z	2.4	2.4	0	0
101	HR-14	Z	.8	.8	0	0
102	HR-15	Z	.9	.9	0	0
103	HR-16	Z	2.5	2.5	0	0
104	HR-17	Z	3.9	3.9	0	0
105	HR-18	Z	5.1	5.1	0	0
106	HR-19	Z	5.9	5.9	0	0
107	HR-20	Z	6.3	6.3	0	0
108	HR-21	Z	6.3	6.3	0	0
109	HR-22	Z	5.9	5.9	0	0
110	HR-23	Z	5	5	0	0
111	HR-24	Z	3.8	3.8	0	0
112	I.FM-1	Z	2.4	2.4	0	0
113	I.FM-2	Z	.8	.8	0	0
114	I.FM-3	Z	.9	.9	0	0
115	I.FM-4	Z	2.5	2.5	0	0
116	I.FM-5	Z	3.9	3.9	0	0
117	I.FM-6	Z	5.1	5.1	0	0
118	I.FM-7	Z	5.9	5.9	0	0
119	I.FM-8	Z	6.3	6.3	0	0
120	I.FM-9	Z	6.3	6.3	0	0
121	I.FM-10	Z	5.9	5.9	0	0
122	I.FM-11	Z	5	5	0	0
123	I.FM-12	Z	3.8	3.8	0	0
124	I.FM-13	Z	2.4	2.4	0	0
125	I.FM-14	Z	.8	.8	0	0

Member Distributed Loads (BLC 3 : Wind Load (30 deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
126	I.FM-15	Z	.9	.9	0	0
127	I.FM-16	Z	2.5	2.5	0	0
128	I.FM-17	Z	3.9	3.9	0	0
129	I.FM-18	Z	5.1	5.1	0	0
130	I.FM-19	Z	5.9	5.9	0	0
131	I.FM-20	Z	6.3	6.3	0	0
132	I.FM-21	Z	6.3	6.3	0	0
133	I.FM-22	Z	5.9	5.9	0	0
134	I.FM-23	Z	5	5	0	0
135	I.FM-24	Z	3.8	3.8	0	0
136	O.FM-1	Z	2.4	2.4	0	0
137	O.FM-2	Z	.8	.8	0	0
138	O.FM-3	Z	.9	.9	0	0
139	O.FM-4	Z	2.5	2.5	0	0
140	O.FM-5	Z	3.9	3.9	0	0
141	O.FM-6	Z	5.1	5.1	0	0
142	O.FM-7	Z	5.9	5.9	0	0
143	O.FM-8	Z	6.3	6.3	0	0
144	O.FM-9	Z	6.3	6.3	0	0
145	O.FM-10	Z	5.9	5.9	0	0
146	O.FM-11	Z	5	5	0	0
147	O.FM-12	Z	3.8	3.8	0	0
148	O.FM-13	Z	2.4	2.4	0	0
149	O.FM-14	Z	.8	.8	0	0
150	O.FM-15	Z	.9	.9	0	0
151	O.FM-16	Z	2.5	2.5	0	0
152	O.FM-17	Z	3.9	3.9	0	0
153	O.FM-18	Z	5.1	5.1	0	0
154	O.FM-19	Z	5.9	5.9	0	0
155	O.FM-20	Z	6.3	6.3	0	0
156	O.FM-21	Z	6.3	6.3	0	0
157	O.FM-22	Z	5.9	5.9	0	0
158	O.FM-23	Z	5	5	0	0
159	O.FM-24	Z	3.8	3.8	0	0
160	SA-1	Z	3.6	3.6	0	0
161	SA-2	Z	7.1	7.1	0	0
162	SA-3	Z	3.6	3.6	0	0

Member Distributed Loads (BLC 4 : Wind Load (60 deg))

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
1	FM.V-1	X	4.6	4.6	0	0
2	FM.V-2	X	4.6	4.6	0	0
3	FM.V-3	X	4.6	4.6	0	0
4	FM.V-4	X	4.6	4.6	0	0
5	FM.V-5	X	4.6	4.6	0	0
6	FM.V-6	X	4.6	4.6	0	0
7	HR-1	X	5	5	0	0
8	HR-2	X	3.8	3.8	0	0
9	HR-3	X	2.4	2.4	0	0
10	HR-4	X	.8	.8	0	0
11	HR-5	X	.9	.9	0	0
12	HR-6	X	2.5	2.5	0	0
13	HR-7	X	3.9	3.9	0	0
14	HR-8	X	5.1	5.1	0	0
15	HR-9	X	5.9	5.9	0	0
16	HR-10	X	6.3	6.3	0	0

Member Distributed Loads (BLC 4 : Wind Load (60 deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
17	HR-11	X	6.3	6.3	0	0
18	HR-12	X	5.9	5.9	0	0
19	HR-13	X	5	5	0	0
20	HR-14	X	3.8	3.8	0	0
21	HR-15	X	2.4	2.4	0	0
22	HR-16	X	.8	.8	0	0
23	HR-17	X	.9	.9	0	0
24	HR-18	X	2.5	2.5	0	0
25	HR-19	X	3.9	3.9	0	0
26	HR-20	X	5.1	5.1	0	0
27	HR-21	X	5.9	5.9	0	0
28	HR-22	X	6.3	6.3	0	0
29	HR-23	X	6.3	6.3	0	0
30	HR-24	X	5.9	5.9	0	0
31	I.FM-1	X	5	5	0	0
32	I.FM-2	X	3.8	3.8	0	0
33	I.FM-3	X	2.4	2.4	0	0
34	I.FM-4	X	.8	.8	0	0
35	I.FM-5	X	.9	.9	0	0
36	I.FM-6	X	2.5	2.5	0	0
37	I.FM-7	X	3.9	3.9	0	0
38	I.FM-8	X	5.1	5.1	0	0
39	I.FM-9	X	5.9	5.9	0	0
40	I.FM-10	X	6.3	6.3	0	0
41	I.FM-11	X	6.3	6.3	0	0
42	I.FM-12	X	5.9	5.9	0	0
43	I.FM-13	X	5	5	0	0
44	I.FM-14	X	3.8	3.8	0	0
45	I.FM-15	X	2.4	2.4	0	0
46	I.FM-16	X	.8	.8	0	0
47	I.FM-17	X	.9	.9	0	0
48	I.FM-18	X	2.5	2.5	0	0
49	I.FM-19	X	3.9	3.9	0	0
50	I.FM-20	X	5.1	5.1	0	0
51	I.FM-21	X	5.9	5.9	0	0
52	I.FM-22	X	6.3	6.3	0	0
53	I.FM-23	X	6.3	6.3	0	0
54	I.FM-24	X	5.9	5.9	0	0
55	O.FM-1	X	5	5	0	0
56	O.FM-2	X	3.8	3.8	0	0
57	O.FM-3	X	2.4	2.4	0	0
58	O.FM-4	X	.8	.8	0	0
59	O.FM-5	X	.9	.9	0	0
60	O.FM-6	X	2.5	2.5	0	0
61	O.FM-7	X	3.9	3.9	0	0
62	O.FM-8	X	5.1	5.1	0	0
63	O.FM-9	X	5.9	5.9	0	0
64	O.FM-10	X	6.3	6.3	0	0
65	O.FM-11	X	6.3	6.3	0	0
66	O.FM-12	X	5.9	5.9	0	0
67	O.FM-13	X	5	5	0	0
68	O.FM-14	X	3.8	3.8	0	0
69	O.FM-15	X	2.4	2.4	0	0
70	O.FM-16	X	.8	.8	0	0
71	O.FM-17	X	.9	.9	0	0
72	O.FM-18	X	2.5	2.5	0	0
73	O.FM-19	X	3.9	3.9	0	0

Member Distributed Loads (BLC 4 : Wind Load (60 deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
74	O.FM-20	X	5.1	5.1	0	0
75	O.FM-21	X	5.9	5.9	0	0
76	O.FM-22	X	6.3	6.3	0	0
77	O.FM-23	X	6.3	6.3	0	0
78	O.FM-24	X	5.9	5.9	0	0
79	SA-1	X	6.2	6.2	0	0
80	SA-2	X	6.2	6.2	0	0
81	SA-3	X	0	0	0	0
82	FM.V-1	Z	8	8	0	0
83	FM.V-2	Z	8	8	0	0
84	FM.V-3	Z	8	8	0	0
85	FM.V-4	Z	8	8	0	0
86	FM.V-5	Z	8	8	0	0
87	FM.V-6	Z	8	8	0	0
88	HR-1	Z	8.7	8.7	0	0
89	HR-2	Z	6.7	6.7	0	0
90	HR-3	Z	4.1	4.1	0	0
91	HR-4	Z	1.3	1.3	0	0
92	HR-5	Z	1.5	1.5	0	0
93	HR-6	Z	4.3	4.3	0	0
94	HR-7	Z	6.8	6.8	0	0
95	HR-8	Z	8.8	8.8	0	0
96	HR-9	Z	10.2	10.2	0	0
97	HR-10	Z	11	11	0	0
98	HR-11	Z	10.9	10.9	0	0
99	HR-12	Z	10.2	10.2	0	0
100	HR-13	Z	8.7	8.7	0	0
101	HR-14	Z	6.7	6.7	0	0
102	HR-15	Z	4.1	4.1	0	0
103	HR-16	Z	1.3	1.3	0	0
104	HR-17	Z	1.5	1.5	0	0
105	HR-18	Z	4.3	4.3	0	0
106	HR-19	Z	6.8	6.8	0	0
107	HR-20	Z	8.8	8.8	0	0
108	HR-21	Z	10.2	10.2	0	0
109	HR-22	Z	11	11	0	0
110	HR-23	Z	10.9	10.9	0	0
111	HR-24	Z	10.2	10.2	0	0
112	I.FM-1	Z	8.7	8.7	0	0
113	I.FM-2	Z	6.7	6.7	0	0
114	I.FM-3	Z	4.1	4.1	0	0
115	I.FM-4	Z	1.3	1.3	0	0
116	I.FM-5	Z	1.5	1.5	0	0
117	I.FM-6	Z	4.3	4.3	0	0
118	I.FM-7	Z	6.8	6.8	0	0
119	I.FM-8	Z	8.8	8.8	0	0
120	I.FM-9	Z	10.2	10.2	0	0
121	I.FM-10	Z	11	11	0	0
122	I.FM-11	Z	10.9	10.9	0	0
123	I.FM-12	Z	10.2	10.2	0	0
124	I.FM-13	Z	8.7	8.7	0	0
125	I.FM-14	Z	6.7	6.7	0	0
126	I.FM-15	Z	4.1	4.1	0	0
127	I.FM-16	Z	1.3	1.3	0	0
128	I.FM-17	Z	1.5	1.5	0	0
129	I.FM-18	Z	4.3	4.3	0	0
130	I.FM-19	Z	6.8	6.8	0	0

Member Distributed Loads (BLC 4 : Wind Load (60 deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
131	I.FM-20	Z	8.8	8.8	0	0
132	I.FM-21	Z	10.2	10.2	0	0
133	I.FM-22	Z	11	11	0	0
134	I.FM-23	Z	10.9	10.9	0	0
135	I.FM-24	Z	10.2	10.2	0	0
136	O.FM-1	Z	8.7	8.7	0	0
137	O.FM-2	Z	6.7	6.7	0	0
138	O.FM-3	Z	4.1	4.1	0	0
139	O.FM-4	Z	1.3	1.3	0	0
140	O.FM-5	Z	1.5	1.5	0	0
141	O.FM-6	Z	4.3	4.3	0	0
142	O.FM-7	Z	6.8	6.8	0	0
143	O.FM-8	Z	8.8	8.8	0	0
144	O.FM-9	Z	10.2	10.2	0	0
145	O.FM-10	Z	11	11	0	0
146	O.FM-11	Z	10.9	10.9	0	0
147	O.FM-12	Z	10.2	10.2	0	0
148	O.FM-13	Z	8.7	8.7	0	0
149	O.FM-14	Z	6.7	6.7	0	0
150	O.FM-15	Z	4.1	4.1	0	0
151	O.FM-16	Z	1.3	1.3	0	0
152	O.FM-17	Z	1.5	1.5	0	0
153	O.FM-18	Z	4.3	4.3	0	0
154	O.FM-19	Z	6.8	6.8	0	0
155	O.FM-20	Z	8.8	8.8	0	0
156	O.FM-21	Z	10.2	10.2	0	0
157	O.FM-22	Z	11	11	0	0
158	O.FM-23	Z	10.9	10.9	0	0
159	O.FM-24	Z	10.2	10.2	0	0
160	SA-1	Z	10.7	10.7	0	0
161	SA-2	Z	10.7	10.7	0	0
162	SA-3	Z	0	0	0	0

Member Distributed Loads (BLC 5 : Wind Load (90 deg))

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
1	FM.V-1	X	0	0	0	0
2	FM.V-2	X	0	0	0	0
3	FM.V-3	X	0	0	0	0
4	FM.V-4	X	0	0	0	0
5	FM.V-5	X	0	0	0	0
6	FM.V-6	X	0	0	0	0
7	HR-1	X	0	0	0	0
8	HR-2	X	0	0	0	0
9	HR-3	X	0	0	0	0
10	HR-4	X	0	0	0	0
11	HR-5	X	0	0	0	0
12	HR-6	X	0	0	0	0
13	HR-7	X	0	0	0	0
14	HR-8	X	0	0	0	0
15	HR-9	X	0	0	0	0
16	HR-10	X	0	0	0	0
17	HR-11	X	0	0	0	0
18	HR-12	X	0	0	0	0
19	HR-13	X	0	0	0	0
20	HR-14	X	0	0	0	0
21	HR-15	X	0	0	0	0

Member Distributed Loads (BLC 5 : Wind Load (90 deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
22	HR-16	X	0	0	0	0
23	HR-17	X	0	0	0	0
24	HR-18	X	0	0	0	0
25	HR-19	X	0	0	0	0
26	HR-20	X	0	0	0	0
27	HR-21	X	0	0	0	0
28	HR-22	X	0	0	0	0
29	HR-23	X	0	0	0	0
30	HR-24	X	0	0	0	0
31	I.FM-1	X	0	0	0	0
32	I.FM-2	X	0	0	0	0
33	I.FM-3	X	0	0	0	0
34	I.FM-4	X	0	0	0	0
35	I.FM-5	X	0	0	0	0
36	I.FM-6	X	0	0	0	0
37	I.FM-7	X	0	0	0	0
38	I.FM-8	X	0	0	0	0
39	I.FM-9	X	0	0	0	0
40	I.FM-10	X	0	0	0	0
41	I.FM-11	X	0	0	0	0
42	I.FM-12	X	0	0	0	0
43	I.FM-13	X	0	0	0	0
44	I.FM-14	X	0	0	0	0
45	I.FM-15	X	0	0	0	0
46	I.FM-16	X	0	0	0	0
47	I.FM-17	X	0	0	0	0
48	I.FM-18	X	0	0	0	0
49	I.FM-19	X	0	0	0	0
50	I.FM-20	X	0	0	0	0
51	I.FM-21	X	0	0	0	0
52	I.FM-22	X	0	0	0	0
53	I.FM-23	X	0	0	0	0
54	I.FM-24	X	0	0	0	0
55	O.FM-1	X	0	0	0	0
56	O.FM-2	X	0	0	0	0
57	O.FM-3	X	0	0	0	0
58	O.FM-4	X	0	0	0	0
59	O.FM-5	X	0	0	0	0
60	O.FM-6	X	0	0	0	0
61	O.FM-7	X	0	0	0	0
62	O.FM-8	X	0	0	0	0
63	O.FM-9	X	0	0	0	0
64	O.FM-10	X	0	0	0	0
65	O.FM-11	X	0	0	0	0
66	O.FM-12	X	0	0	0	0
67	O.FM-13	X	0	0	0	0
68	O.FM-14	X	0	0	0	0
69	O.FM-15	X	0	0	0	0
70	O.FM-16	X	0	0	0	0
71	O.FM-17	X	0	0	0	0
72	O.FM-18	X	0	0	0	0
73	O.FM-19	X	0	0	0	0
74	O.FM-20	X	0	0	0	0
75	O.FM-21	X	0	0	0	0
76	O.FM-22	X	0	0	0	0
77	O.FM-23	X	0	0	0	0
78	O.FM-24	X	0	0	0	0

Member Distributed Loads (BLC 5 : Wind Load (90 deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
79	SA-1	X	0	0	0	0
80	SA-2	X	0	0	0	0
81	SA-3	X	0	0	0	0
82	FM.V-1	Z	9.3	9.3	0	0
83	FM.V-2	Z	9.3	9.3	0	0
84	FM.V-3	Z	9.3	9.3	0	0
85	FM.V-4	Z	9.3	9.3	0	0
86	FM.V-5	Z	9.3	9.3	0	0
87	FM.V-6	Z	9.3	9.3	0	0
88	HR-1	Z	12.6	12.6	0	0
89	HR-2	Z	11.8	11.8	0	0
90	HR-3	Z	10.1	10.1	0	0
91	HR-4	Z	7.7	7.7	0	0
92	HR-5	Z	4.8	4.8	0	0
93	HR-6	Z	1.6	1.6	0	0
94	HR-7	Z	1.8	1.8	0	0
95	HR-8	Z	5	5	0	0
96	HR-9	Z	7.9	7.9	0	0
97	HR-10	Z	10.2	10.2	0	0
98	HR-11	Z	11.8	11.8	0	0
99	HR-12	Z	12.7	12.7	0	0
100	HR-13	Z	12.6	12.6	0	0
101	HR-14	Z	11.8	11.8	0	0
102	HR-15	Z	10.1	10.1	0	0
103	HR-16	Z	7.7	7.7	0	0
104	HR-17	Z	4.8	4.8	0	0
105	HR-18	Z	1.6	1.6	0	0
106	HR-19	Z	1.8	1.8	0	0
107	HR-20	Z	5	5	0	0
108	HR-21	Z	7.9	7.9	0	0
109	HR-22	Z	10.2	10.2	0	0
110	HR-23	Z	11.8	11.8	0	0
111	HR-24	Z	12.7	12.7	0	0
112	I.FM-1	Z	12.6	12.6	0	0
113	I.FM-2	Z	11.8	11.8	0	0
114	I.FM-3	Z	10.1	10.1	0	0
115	I.FM-4	Z	7.7	7.7	0	0
116	I.FM-5	Z	4.8	4.8	0	0
117	I.FM-6	Z	1.6	1.6	0	0
118	I.FM-7	Z	1.8	1.8	0	0
119	I.FM-8	Z	5	5	0	0
120	I.FM-9	Z	7.9	7.9	0	0
121	I.FM-10	Z	10.2	10.2	0	0
122	I.FM-11	Z	11.8	11.8	0	0
123	I.FM-12	Z	12.7	12.7	0	0
124	I.FM-13	Z	12.6	12.6	0	0
125	I.FM-14	Z	11.8	11.8	0	0
126	I.FM-15	Z	10.1	10.1	0	0
127	I.FM-16	Z	7.7	7.7	0	0
128	I.FM-17	Z	4.8	4.8	0	0
129	I.FM-18	Z	1.6	1.6	0	0
130	I.FM-19	Z	1.8	1.8	0	0
131	I.FM-20	Z	5	5	0	0
132	I.FM-21	Z	7.9	7.9	0	0
133	I.FM-22	Z	10.2	10.2	0	0
134	I.FM-23	Z	11.8	11.8	0	0
135	I.FM-24	Z	12.7	12.7	0	0

Member Distributed Loads (BLC 5 : Wind Load (90 deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
136	O.FM-1	Z	12.6	12.6	0	0
137	O.FM-2	Z	11.8	11.8	0	0
138	O.FM-3	Z	10.1	10.1	0	0
139	O.FM-4	Z	7.7	7.7	0	0
140	O.FM-5	Z	4.8	4.8	0	0
141	O.FM-6	Z	1.6	1.6	0	0
142	O.FM-7	Z	1.8	1.8	0	0
143	O.FM-8	Z	5	5	0	0
144	O.FM-9	Z	7.9	7.9	0	0
145	O.FM-10	Z	10.2	10.2	0	0
146	O.FM-11	Z	11.8	11.8	0	0
147	O.FM-12	Z	12.7	12.7	0	0
148	O.FM-13	Z	12.6	12.6	0	0
149	O.FM-14	Z	11.8	11.8	0	0
150	O.FM-15	Z	10.1	10.1	0	0
151	O.FM-16	Z	7.7	7.7	0	0
152	O.FM-17	Z	4.8	4.8	0	0
153	O.FM-18	Z	1.6	1.6	0	0
154	O.FM-19	Z	1.8	1.8	0	0
155	O.FM-20	Z	5	5	0	0
156	O.FM-21	Z	7.9	7.9	0	0
157	O.FM-22	Z	10.2	10.2	0	0
158	O.FM-23	Z	11.8	11.8	0	0
159	O.FM-24	Z	12.7	12.7	0	0
160	SA-1	Z	14.3	14.3	0	0
161	SA-2	Z	7.1	7.1	0	0
162	SA-3	Z	7.1	7.1	0	0

Member Distributed Loads (BLC 6 : Wind Load (120 deg))

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
1	FM.V-1	X	-4.6	-4.6	0	0
2	FM.V-2	X	-4.6	-4.6	0	0
3	FM.V-3	X	-4.6	-4.6	0	0
4	FM.V-4	X	-4.6	-4.6	0	0
5	FM.V-5	X	-4.6	-4.6	0	0
6	FM.V-6	X	-4.6	-4.6	0	0
7	HR-1	X	-5.9	-5.9	0	0
8	HR-2	X	-6.3	-6.3	0	0
9	HR-3	X	-6.3	-6.3	0	0
10	HR-4	X	-5.9	-5.9	0	0
11	HR-5	X	-5	-5	0	0
12	HR-6	X	-3.8	-3.8	0	0
13	HR-7	X	-2.4	-2.4	0	0
14	HR-8	X	-.8	-.8	0	0
15	HR-9	X	-.9	-.9	0	0
16	HR-10	X	-2.5	-2.5	0	0
17	HR-11	X	-3.9	-3.9	0	0
18	HR-12	X	-5.1	-5.1	0	0
19	HR-13	X	-5.9	-5.9	0	0
20	HR-14	X	-6.3	-6.3	0	0
21	HR-15	X	-6.3	-6.3	0	0
22	HR-16	X	-5.9	-5.9	0	0
23	HR-17	X	-5	-5	0	0
24	HR-18	X	-3.8	-3.8	0	0
25	HR-19	X	-2.4	-2.4	0	0
26	HR-20	X	-.8	-.8	0	0

Member Distributed Loads (BLC 6 : Wind Load (120 deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
27	HR-21	X	-.9	-.9	0	0
28	HR-22	X	-2.5	-2.5	0	0
29	HR-23	X	-3.9	-3.9	0	0
30	HR-24	X	-5.1	-5.1	0	0
31	I.FM-1	X	-5.9	-5.9	0	0
32	I.FM-2	X	-6.3	-6.3	0	0
33	I.FM-3	X	-6.3	-6.3	0	0
34	I.FM-4	X	-5.9	-5.9	0	0
35	I.FM-5	X	-5	-5	0	0
36	I.FM-6	X	-3.8	-3.8	0	0
37	I.FM-7	X	-2.4	-2.4	0	0
38	I.FM-8	X	-.8	-.8	0	0
39	I.FM-9	X	-.9	-.9	0	0
40	I.FM-10	X	-2.5	-2.5	0	0
41	I.FM-11	X	-3.9	-3.9	0	0
42	I.FM-12	X	-5.1	-5.1	0	0
43	I.FM-13	X	-5.9	-5.9	0	0
44	I.FM-14	X	-6.3	-6.3	0	0
45	I.FM-15	X	-6.3	-6.3	0	0
46	I.FM-16	X	-5.9	-5.9	0	0
47	I.FM-17	X	-5	-5	0	0
48	I.FM-18	X	-3.8	-3.8	0	0
49	I.FM-19	X	-2.4	-2.4	0	0
50	I.FM-20	X	-.8	-.8	0	0
51	I.FM-21	X	-.9	-.9	0	0
52	I.FM-22	X	-2.5	-2.5	0	0
53	I.FM-23	X	-3.9	-3.9	0	0
54	I.FM-24	X	-5.1	-5.1	0	0
55	O.FM-1	X	-5.9	-5.9	0	0
56	O.FM-2	X	-6.3	-6.3	0	0
57	O.FM-3	X	-6.3	-6.3	0	0
58	O.FM-4	X	-5.9	-5.9	0	0
59	O.FM-5	X	-5	-5	0	0
60	O.FM-6	X	-3.8	-3.8	0	0
61	O.FM-7	X	-2.4	-2.4	0	0
62	O.FM-8	X	-.8	-.8	0	0
63	O.FM-9	X	-.9	-.9	0	0
64	O.FM-10	X	-2.5	-2.5	0	0
65	O.FM-11	X	-3.9	-3.9	0	0
66	O.FM-12	X	-5.1	-5.1	0	0
67	O.FM-13	X	-5.9	-5.9	0	0
68	O.FM-14	X	-6.3	-6.3	0	0
69	O.FM-15	X	-6.3	-6.3	0	0
70	O.FM-16	X	-5.9	-5.9	0	0
71	O.FM-17	X	-5	-5	0	0
72	O.FM-18	X	-3.8	-3.8	0	0
73	O.FM-19	X	-2.4	-2.4	0	0
74	O.FM-20	X	-.8	-.8	0	0
75	O.FM-21	X	-.9	-.9	0	0
76	O.FM-22	X	-2.5	-2.5	0	0
77	O.FM-23	X	-3.9	-3.9	0	0
78	O.FM-24	X	-5.1	-5.1	0	0
79	SA-1	X	-6.2	-6.2	0	0
80	SA-2	X	0	0	0	0
81	SA-3	X	-6.2	-6.2	0	0
82	FM.V-1	Z	8	8	0	0
83	FM.V-2	Z	8	8	0	0

Member Distributed Loads (BLC 6 : Wind Load (120 deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
84	FM.V-3	Z	8	8	0	0
85	FM.V-4	Z	8	8	0	0
86	FM.V-5	Z	8	8	0	0
87	FM.V-6	Z	8	8	0	0
88	HR-1	Z	10.2	10.2	0	0
89	HR-2	Z	11	11	0	0
90	HR-3	Z	10.9	10.9	0	0
91	HR-4	Z	10.2	10.2	0	0
92	HR-5	Z	8.7	8.7	0	0
93	HR-6	Z	6.7	6.7	0	0
94	HR-7	Z	4.1	4.1	0	0
95	HR-8	Z	1.3	1.3	0	0
96	HR-9	Z	1.5	1.5	0	0
97	HR-10	Z	4.3	4.3	0	0
98	HR-11	Z	6.8	6.8	0	0
99	HR-12	Z	8.8	8.8	0	0
100	HR-13	Z	10.2	10.2	0	0
101	HR-14	Z	11	11	0	0
102	HR-15	Z	10.9	10.9	0	0
103	HR-16	Z	10.2	10.2	0	0
104	HR-17	Z	8.7	8.7	0	0
105	HR-18	Z	6.7	6.7	0	0
106	HR-19	Z	4.1	4.1	0	0
107	HR-20	Z	1.3	1.3	0	0
108	HR-21	Z	1.5	1.5	0	0
109	HR-22	Z	4.3	4.3	0	0
110	HR-23	Z	6.8	6.8	0	0
111	HR-24	Z	8.8	8.8	0	0
112	I.FM-1	Z	10.2	10.2	0	0
113	I.FM-2	Z	11	11	0	0
114	I.FM-3	Z	10.9	10.9	0	0
115	I.FM-4	Z	10.2	10.2	0	0
116	I.FM-5	Z	8.7	8.7	0	0
117	I.FM-6	Z	6.7	6.7	0	0
118	I.FM-7	Z	4.1	4.1	0	0
119	I.FM-8	Z	1.3	1.3	0	0
120	I.FM-9	Z	1.5	1.5	0	0
121	I.FM-10	Z	4.3	4.3	0	0
122	I.FM-11	Z	6.8	6.8	0	0
123	I.FM-12	Z	8.8	8.8	0	0
124	I.FM-13	Z	10.2	10.2	0	0
125	I.FM-14	Z	11	11	0	0
126	I.FM-15	Z	10.9	10.9	0	0
127	I.FM-16	Z	10.2	10.2	0	0
128	I.FM-17	Z	8.7	8.7	0	0
129	I.FM-18	Z	6.7	6.7	0	0
130	I.FM-19	Z	4.1	4.1	0	0
131	I.FM-20	Z	1.3	1.3	0	0
132	I.FM-21	Z	1.5	1.5	0	0
133	I.FM-22	Z	4.3	4.3	0	0
134	I.FM-23	Z	6.8	6.8	0	0
135	I.FM-24	Z	8.8	8.8	0	0
136	O.FM-1	Z	10.2	10.2	0	0
137	O.FM-2	Z	11	11	0	0
138	O.FM-3	Z	10.9	10.9	0	0
139	O.FM-4	Z	10.2	10.2	0	0
140	O.FM-5	Z	8.7	8.7	0	0

Member Distributed Loads (BLC 6 : Wind Load (120 deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
141	O.FM-6	Z	6.7	6.7	0	0
142	O.FM-7	Z	4.1	4.1	0	0
143	O.FM-8	Z	1.3	1.3	0	0
144	O.FM-9	Z	1.5	1.5	0	0
145	O.FM-10	Z	4.3	4.3	0	0
146	O.FM-11	Z	6.8	6.8	0	0
147	O.FM-12	Z	8.8	8.8	0	0
148	O.FM-13	Z	10.2	10.2	0	0
149	O.FM-14	Z	11	11	0	0
150	O.FM-15	Z	10.9	10.9	0	0
151	O.FM-16	Z	10.2	10.2	0	0
152	O.FM-17	Z	8.7	8.7	0	0
153	O.FM-18	Z	6.7	6.7	0	0
154	O.FM-19	Z	4.1	4.1	0	0
155	O.FM-20	Z	1.3	1.3	0	0
156	O.FM-21	Z	1.5	1.5	0	0
157	O.FM-22	Z	4.3	4.3	0	0
158	O.FM-23	Z	6.8	6.8	0	0
159	O.FM-24	Z	8.8	8.8	0	0
160	SA-1	Z	10.7	10.7	0	0
161	SA-2	Z	0	0	0	0
162	SA-3	Z	10.7	10.7	0	0

Member Distributed Loads (BLC 7 : Wind Load (150 deg))

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
1	FM.V-1	X	-8	-8	0	0
2	FM.V-2	X	-8	-8	0	0
3	FM.V-3	X	-8	-8	0	0
4	FM.V-4	X	-8	-8	0	0
5	FM.V-5	X	-8	-8	0	0
6	FM.V-6	X	-8	-8	0	0
7	HR-1	X	-6.8	-6.8	0	0
8	HR-2	X	-8.8	-8.8	0	0
9	HR-3	X	-10.2	-10.2	0	0
10	HR-4	X	-11	-11	0	0
11	HR-5	X	-10.9	-10.9	0	0
12	HR-6	X	-10.2	-10.2	0	0
13	HR-7	X	-8.7	-8.7	0	0
14	HR-8	X	-6.7	-6.7	0	0
15	HR-9	X	-4.1	-4.1	0	0
16	HR-10	X	-1.3	-1.3	0	0
17	HR-11	X	-1.5	-1.5	0	0
18	HR-12	X	-4.3	-4.3	0	0
19	HR-13	X	-6.8	-6.8	0	0
20	HR-14	X	-8.8	-8.8	0	0
21	HR-15	X	-10.2	-10.2	0	0
22	HR-16	X	-11	-11	0	0
23	HR-17	X	-10.9	-10.9	0	0
24	HR-18	X	-10.2	-10.2	0	0
25	HR-19	X	-8.7	-8.7	0	0
26	HR-20	X	-6.7	-6.7	0	0
27	HR-21	X	-4.1	-4.1	0	0
28	HR-22	X	-1.3	-1.3	0	0
29	HR-23	X	-1.5	-1.5	0	0
30	HR-24	X	-4.3	-4.3	0	0
31	I.FM-1	X	-6.8	-6.8	0	0

Member Distributed Loads (BLC 7 : Wind Load (150 deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
32	I.FM-2	X	-8.8	-8.8	0	0
33	I.FM-3	X	-10.2	-10.2	0	0
34	I.FM-4	X	-11	-11	0	0
35	I.FM-5	X	-10.9	-10.9	0	0
36	I.FM-6	X	-10.2	-10.2	0	0
37	I.FM-7	X	-8.7	-8.7	0	0
38	I.FM-8	X	-6.7	-6.7	0	0
39	I.FM-9	X	-4.1	-4.1	0	0
40	I.FM-10	X	-1.3	-1.3	0	0
41	I.FM-11	X	-1.5	-1.5	0	0
42	I.FM-12	X	-4.3	-4.3	0	0
43	I.FM-13	X	-6.8	-6.8	0	0
44	I.FM-14	X	-8.8	-8.8	0	0
45	I.FM-15	X	-10.2	-10.2	0	0
46	I.FM-16	X	-11	-11	0	0
47	I.FM-17	X	-10.9	-10.9	0	0
48	I.FM-18	X	-10.2	-10.2	0	0
49	I.FM-19	X	-8.7	-8.7	0	0
50	I.FM-20	X	-6.7	-6.7	0	0
51	I.FM-21	X	-4.1	-4.1	0	0
52	I.FM-22	X	-1.3	-1.3	0	0
53	I.FM-23	X	-1.5	-1.5	0	0
54	I.FM-24	X	-4.3	-4.3	0	0
55	O.FM-1	X	-6.8	-6.8	0	0
56	O.FM-2	X	-8.8	-8.8	0	0
57	O.FM-3	X	-10.2	-10.2	0	0
58	O.FM-4	X	-11	-11	0	0
59	O.FM-5	X	-10.9	-10.9	0	0
60	O.FM-6	X	-10.2	-10.2	0	0
61	O.FM-7	X	-8.7	-8.7	0	0
62	O.FM-8	X	-6.7	-6.7	0	0
63	O.FM-9	X	-4.1	-4.1	0	0
64	O.FM-10	X	-1.3	-1.3	0	0
65	O.FM-11	X	-1.5	-1.5	0	0
66	O.FM-12	X	-4.3	-4.3	0	0
67	O.FM-13	X	-6.8	-6.8	0	0
68	O.FM-14	X	-8.8	-8.8	0	0
69	O.FM-15	X	-10.2	-10.2	0	0
70	O.FM-16	X	-11	-11	0	0
71	O.FM-17	X	-10.9	-10.9	0	0
72	O.FM-18	X	-10.2	-10.2	0	0
73	O.FM-19	X	-8.7	-8.7	0	0
74	O.FM-20	X	-6.7	-6.7	0	0
75	O.FM-21	X	-4.1	-4.1	0	0
76	O.FM-22	X	-1.3	-1.3	0	0
77	O.FM-23	X	-1.5	-1.5	0	0
78	O.FM-24	X	-4.3	-4.3	0	0
79	SA-1	X	-6.2	-6.2	0	0
80	SA-2	X	-6.2	-6.2	0	0
81	SA-3	X	-12.3	-12.3	0	0
82	FM.V-1	Z	4.6	4.6	0	0
83	FM.V-2	Z	4.6	4.6	0	0
84	FM.V-3	Z	4.6	4.6	0	0
85	FM.V-4	Z	4.6	4.6	0	0
86	FM.V-5	Z	4.6	4.6	0	0
87	FM.V-6	Z	4.6	4.6	0	0
88	HR-1	Z	3.9	3.9	0	0

Member Distributed Loads (BLC 7 : Wind Load (150 deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
89	HR-2	Z	5.1	5.1	0	0
90	HR-3	Z	5.9	5.9	0	0
91	HR-4	Z	6.3	6.3	0	0
92	HR-5	Z	6.3	6.3	0	0
93	HR-6	Z	5.9	5.9	0	0
94	HR-7	Z	5	5	0	0
95	HR-8	Z	3.8	3.8	0	0
96	HR-9	Z	2.4	2.4	0	0
97	HR-10	Z	.8	.8	0	0
98	HR-11	Z	.9	.9	0	0
99	HR-12	Z	2.5	2.5	0	0
100	HR-13	Z	3.9	3.9	0	0
101	HR-14	Z	5.1	5.1	0	0
102	HR-15	Z	5.9	5.9	0	0
103	HR-16	Z	6.3	6.3	0	0
104	HR-17	Z	6.3	6.3	0	0
105	HR-18	Z	5.9	5.9	0	0
106	HR-19	Z	5	5	0	0
107	HR-20	Z	3.8	3.8	0	0
108	HR-21	Z	2.4	2.4	0	0
109	HR-22	Z	.8	.8	0	0
110	HR-23	Z	.9	.9	0	0
111	HR-24	Z	2.5	2.5	0	0
112	I.FM-1	Z	3.9	3.9	0	0
113	I.FM-2	Z	5.1	5.1	0	0
114	I.FM-3	Z	5.9	5.9	0	0
115	I.FM-4	Z	6.3	6.3	0	0
116	I.FM-5	Z	6.3	6.3	0	0
117	I.FM-6	Z	5.9	5.9	0	0
118	I.FM-7	Z	5	5	0	0
119	I.FM-8	Z	3.8	3.8	0	0
120	I.FM-9	Z	2.4	2.4	0	0
121	I.FM-10	Z	.8	.8	0	0
122	I.FM-11	Z	.9	.9	0	0
123	I.FM-12	Z	2.5	2.5	0	0
124	I.FM-13	Z	3.9	3.9	0	0
125	I.FM-14	Z	5.1	5.1	0	0
126	I.FM-15	Z	5.9	5.9	0	0
127	I.FM-16	Z	6.3	6.3	0	0
128	I.FM-17	Z	6.3	6.3	0	0
129	I.FM-18	Z	5.9	5.9	0	0
130	I.FM-19	Z	5	5	0	0
131	I.FM-20	Z	3.8	3.8	0	0
132	I.FM-21	Z	2.4	2.4	0	0
133	I.FM-22	Z	.8	.8	0	0
134	I.FM-23	Z	.9	.9	0	0
135	I.FM-24	Z	2.5	2.5	0	0
136	O.FM-1	Z	3.9	3.9	0	0
137	O.FM-2	Z	5.1	5.1	0	0
138	O.FM-3	Z	5.9	5.9	0	0
139	O.FM-4	Z	6.3	6.3	0	0
140	O.FM-5	Z	6.3	6.3	0	0
141	O.FM-6	Z	5.9	5.9	0	0
142	O.FM-7	Z	5	5	0	0
143	O.FM-8	Z	3.8	3.8	0	0
144	O.FM-9	Z	2.4	2.4	0	0
145	O.FM-10	Z	.8	.8	0	0

Member Distributed Loads (BLC 7 : Wind Load (150 deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
146	O.FM-11	Z	.9	.9	0	0
147	O.FM-12	Z	2.5	2.5	0	0
148	O.FM-13	Z	3.9	3.9	0	0
149	O.FM-14	Z	5.1	5.1	0	0
150	O.FM-15	Z	5.9	5.9	0	0
151	O.FM-16	Z	6.3	6.3	0	0
152	O.FM-17	Z	6.3	6.3	0	0
153	O.FM-18	Z	5.9	5.9	0	0
154	O.FM-19	Z	5	5	0	0
155	O.FM-20	Z	3.8	3.8	0	0
156	O.FM-21	Z	2.4	2.4	0	0
157	O.FM-22	Z	.8	.8	0	0
158	O.FM-23	Z	.9	.9	0	0
159	O.FM-24	Z	2.5	2.5	0	0
160	SA-1	Z	3.6	3.6	0	0
161	SA-2	Z	3.6	3.6	0	0
162	SA-3	Z	7.1	7.1	0	0

Member Distributed Loads (BLC 8 : Wind Load (180 deg))

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
1	FM.V-1	X	-9.3	-9.3	0	0
2	FM.V-2	X	-9.3	-9.3	0	0
3	FM.V-3	X	-9.3	-9.3	0	0
4	FM.V-4	X	-9.3	-9.3	0	0
5	FM.V-5	X	-9.3	-9.3	0	0
6	FM.V-6	X	-9.3	-9.3	0	0
7	HR-1	X	-1.8	-1.8	0	0
8	HR-2	X	-5	-5	0	0
9	HR-3	X	-7.9	-7.9	0	0
10	HR-4	X	-10.2	-10.2	0	0
11	HR-5	X	-11.8	-11.8	0	0
12	HR-6	X	-12.7	-12.7	0	0
13	HR-7	X	-12.6	-12.6	0	0
14	HR-8	X	-11.8	-11.8	0	0
15	HR-9	X	-10.1	-10.1	0	0
16	HR-10	X	-7.7	-7.7	0	0
17	HR-11	X	-4.8	-4.8	0	0
18	HR-12	X	-1.6	-1.6	0	0
19	HR-13	X	-1.8	-1.8	0	0
20	HR-14	X	-5	-5	0	0
21	HR-15	X	-7.9	-7.9	0	0
22	HR-16	X	-10.2	-10.2	0	0
23	HR-17	X	-11.8	-11.8	0	0
24	HR-18	X	-12.7	-12.7	0	0
25	HR-19	X	-12.6	-12.6	0	0
26	HR-20	X	-11.8	-11.8	0	0
27	HR-21	X	-10.1	-10.1	0	0
28	HR-22	X	-7.7	-7.7	0	0
29	HR-23	X	-4.8	-4.8	0	0
30	HR-24	X	-1.6	-1.6	0	0
31	I.FM-1	X	-1.8	-1.8	0	0
32	I.FM-2	X	-5	-5	0	0
33	I.FM-3	X	-7.9	-7.9	0	0
34	I.FM-4	X	-10.2	-10.2	0	0
35	I.FM-5	X	-11.8	-11.8	0	0
36	I.FM-6	X	-12.7	-12.7	0	0

Member Distributed Loads (BLC 8 : Wind Load (180 deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
37	I.FM-7	X	-12.6	-12.6	0	0
38	I.FM-8	X	-11.8	-11.8	0	0
39	I.FM-9	X	-10.1	-10.1	0	0
40	I.FM-10	X	-7.7	-7.7	0	0
41	I.FM-11	X	-4.8	-4.8	0	0
42	I.FM-12	X	-1.6	-1.6	0	0
43	I.FM-13	X	-1.8	-1.8	0	0
44	I.FM-14	X	-5	-5	0	0
45	I.FM-15	X	-7.9	-7.9	0	0
46	I.FM-16	X	-10.2	-10.2	0	0
47	I.FM-17	X	-11.8	-11.8	0	0
48	I.FM-18	X	-12.7	-12.7	0	0
49	I.FM-19	X	-12.6	-12.6	0	0
50	I.FM-20	X	-11.8	-11.8	0	0
51	I.FM-21	X	-10.1	-10.1	0	0
52	I.FM-22	X	-7.7	-7.7	0	0
53	I.FM-23	X	-4.8	-4.8	0	0
54	I.FM-24	X	-1.6	-1.6	0	0
55	O.FM-1	X	-1.8	-1.8	0	0
56	O.FM-2	X	-5	-5	0	0
57	O.FM-3	X	-7.9	-7.9	0	0
58	O.FM-4	X	-10.2	-10.2	0	0
59	O.FM-5	X	-11.8	-11.8	0	0
60	O.FM-6	X	-12.7	-12.7	0	0
61	O.FM-7	X	-12.6	-12.6	0	0
62	O.FM-8	X	-11.8	-11.8	0	0
63	O.FM-9	X	-10.1	-10.1	0	0
64	O.FM-10	X	-7.7	-7.7	0	0
65	O.FM-11	X	-4.8	-4.8	0	0
66	O.FM-12	X	-1.6	-1.6	0	0
67	O.FM-13	X	-1.8	-1.8	0	0
68	O.FM-14	X	-5	-5	0	0
69	O.FM-15	X	-7.9	-7.9	0	0
70	O.FM-16	X	-10.2	-10.2	0	0
71	O.FM-17	X	-11.8	-11.8	0	0
72	O.FM-18	X	-12.7	-12.7	0	0
73	O.FM-19	X	-12.6	-12.6	0	0
74	O.FM-20	X	-11.8	-11.8	0	0
75	O.FM-21	X	-10.1	-10.1	0	0
76	O.FM-22	X	-7.7	-7.7	0	0
77	O.FM-23	X	-4.8	-4.8	0	0
78	O.FM-24	X	-1.6	-1.6	0	0
79	SA-1	X	0	0	0	0
80	SA-2	X	-12.3	-12.3	0	0
81	SA-3	X	-12.3	-12.3	0	0
82	FM.V-1	Z	0	0	0	0
83	FM.V-2	Z	0	0	0	0
84	FM.V-3	Z	0	0	0	0
85	FM.V-4	Z	0	0	0	0
86	FM.V-5	Z	0	0	0	0
87	FM.V-6	Z	0	0	0	0
88	HR-1	Z	0	0	0	0
89	HR-2	Z	0	0	0	0
90	HR-3	Z	0	0	0	0
91	HR-4	Z	0	0	0	0
92	HR-5	Z	0	0	0	0
93	HR-6	Z	0	0	0	0

Member Distributed Loads (BLC 8 : Wind Load (180 deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
94	HR-7	Z	0	0	0	0
95	HR-8	Z	0	0	0	0
96	HR-9	Z	0	0	0	0
97	HR-10	Z	0	0	0	0
98	HR-11	Z	0	0	0	0
99	HR-12	Z	0	0	0	0
100	HR-13	Z	0	0	0	0
101	HR-14	Z	0	0	0	0
102	HR-15	Z	0	0	0	0
103	HR-16	Z	0	0	0	0
104	HR-17	Z	0	0	0	0
105	HR-18	Z	0	0	0	0
106	HR-19	Z	0	0	0	0
107	HR-20	Z	0	0	0	0
108	HR-21	Z	0	0	0	0
109	HR-22	Z	0	0	0	0
110	HR-23	Z	0	0	0	0
111	HR-24	Z	0	0	0	0
112	I.FM-1	Z	0	0	0	0
113	I.FM-2	Z	0	0	0	0
114	I.FM-3	Z	0	0	0	0
115	I.FM-4	Z	0	0	0	0
116	I.FM-5	Z	0	0	0	0
117	I.FM-6	Z	0	0	0	0
118	I.FM-7	Z	0	0	0	0
119	I.FM-8	Z	0	0	0	0
120	I.FM-9	Z	0	0	0	0
121	I.FM-10	Z	0	0	0	0
122	I.FM-11	Z	0	0	0	0
123	I.FM-12	Z	0	0	0	0
124	I.FM-13	Z	0	0	0	0
125	I.FM-14	Z	0	0	0	0
126	I.FM-15	Z	0	0	0	0
127	I.FM-16	Z	0	0	0	0
128	I.FM-17	Z	0	0	0	0
129	I.FM-18	Z	0	0	0	0
130	I.FM-19	Z	0	0	0	0
131	I.FM-20	Z	0	0	0	0
132	I.FM-21	Z	0	0	0	0
133	I.FM-22	Z	0	0	0	0
134	I.FM-23	Z	0	0	0	0
135	I.FM-24	Z	0	0	0	0
136	O.FM-1	Z	0	0	0	0
137	O.FM-2	Z	0	0	0	0
138	O.FM-3	Z	0	0	0	0
139	O.FM-4	Z	0	0	0	0
140	O.FM-5	Z	0	0	0	0
141	O.FM-6	Z	0	0	0	0
142	O.FM-7	Z	0	0	0	0
143	O.FM-8	Z	0	0	0	0
144	O.FM-9	Z	0	0	0	0
145	O.FM-10	Z	0	0	0	0
146	O.FM-11	Z	0	0	0	0
147	O.FM-12	Z	0	0	0	0
148	O.FM-13	Z	0	0	0	0
149	O.FM-14	Z	0	0	0	0
150	O.FM-15	Z	0	0	0	0

Member Distributed Loads (BLC 8 : Wind Load (180 deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
151	O.FM-16	Z	0	0	0	0
152	O.FM-17	Z	0	0	0	0
153	O.FM-18	Z	0	0	0	0
154	O.FM-19	Z	0	0	0	0
155	O.FM-20	Z	0	0	0	0
156	O.FM-21	Z	0	0	0	0
157	O.FM-22	Z	0	0	0	0
158	O.FM-23	Z	0	0	0	0
159	O.FM-24	Z	0	0	0	0
160	SA-1	Z	0	0	0	0
161	SA-2	Z	0	0	0	0
162	SA-3	Z	0	0	0	0

Member Distributed Loads (BLC 9 : Wind Load (210 deg))

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
1	FM.V-1	X	-8	-8	0	0
2	FM.V-2	X	-8	-8	0	0
3	FM.V-3	X	-8	-8	0	0
4	FM.V-4	X	-8	-8	0	0
5	FM.V-5	X	-8	-8	0	0
6	FM.V-6	X	-8	-8	0	0
7	HR-1	X	-4.1	-4.1	0	0
8	HR-2	X	-1.3	-1.3	0	0
9	HR-3	X	-1.5	-1.5	0	0
10	HR-4	X	-4.3	-4.3	0	0
11	HR-5	X	-6.8	-6.8	0	0
12	HR-6	X	-8.8	-8.8	0	0
13	HR-7	X	-10.2	-10.2	0	0
14	HR-8	X	-11	-11	0	0
15	HR-9	X	-10.9	-10.9	0	0
16	HR-10	X	-10.2	-10.2	0	0
17	HR-11	X	-8.7	-8.7	0	0
18	HR-12	X	-6.7	-6.7	0	0
19	HR-13	X	-4.1	-4.1	0	0
20	HR-14	X	-1.3	-1.3	0	0
21	HR-15	X	-1.5	-1.5	0	0
22	HR-16	X	-4.3	-4.3	0	0
23	HR-17	X	-6.8	-6.8	0	0
24	HR-18	X	-8.8	-8.8	0	0
25	HR-19	X	-10.2	-10.2	0	0
26	HR-20	X	-11	-11	0	0
27	HR-21	X	-10.9	-10.9	0	0
28	HR-22	X	-10.2	-10.2	0	0
29	HR-23	X	-8.7	-8.7	0	0
30	HR-24	X	-6.7	-6.7	0	0
31	I.FM-1	X	-4.1	-4.1	0	0
32	I.FM-2	X	-1.3	-1.3	0	0
33	I.FM-3	X	-1.5	-1.5	0	0
34	I.FM-4	X	-4.3	-4.3	0	0
35	I.FM-5	X	-6.8	-6.8	0	0
36	I.FM-6	X	-8.8	-8.8	0	0
37	I.FM-7	X	-10.2	-10.2	0	0
38	I.FM-8	X	-11	-11	0	0
39	I.FM-9	X	-10.9	-10.9	0	0
40	I.FM-10	X	-10.2	-10.2	0	0
41	I.FM-11	X	-8.7	-8.7	0	0

Member Distributed Loads (BLC 9 : Wind Load (210 deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
42	I.FM-12	X	-6.7	-6.7	0	0
43	I.FM-13	X	-4.1	-4.1	0	0
44	I.FM-14	X	-1.3	-1.3	0	0
45	I.FM-15	X	-1.5	-1.5	0	0
46	I.FM-16	X	-4.3	-4.3	0	0
47	I.FM-17	X	-6.8	-6.8	0	0
48	I.FM-18	X	-8.8	-8.8	0	0
49	I.FM-19	X	-10.2	-10.2	0	0
50	I.FM-20	X	-11	-11	0	0
51	I.FM-21	X	-10.9	-10.9	0	0
52	I.FM-22	X	-10.2	-10.2	0	0
53	I.FM-23	X	-8.7	-8.7	0	0
54	I.FM-24	X	-6.7	-6.7	0	0
55	O.FM-1	X	-4.1	-4.1	0	0
56	O.FM-2	X	-1.3	-1.3	0	0
57	O.FM-3	X	-1.5	-1.5	0	0
58	O.FM-4	X	-4.3	-4.3	0	0
59	O.FM-5	X	-6.8	-6.8	0	0
60	O.FM-6	X	-8.8	-8.8	0	0
61	O.FM-7	X	-10.2	-10.2	0	0
62	O.FM-8	X	-11	-11	0	0
63	O.FM-9	X	-10.9	-10.9	0	0
64	O.FM-10	X	-10.2	-10.2	0	0
65	O.FM-11	X	-8.7	-8.7	0	0
66	O.FM-12	X	-6.7	-6.7	0	0
67	O.FM-13	X	-4.1	-4.1	0	0
68	O.FM-14	X	-1.3	-1.3	0	0
69	O.FM-15	X	-1.5	-1.5	0	0
70	O.FM-16	X	-4.3	-4.3	0	0
71	O.FM-17	X	-6.8	-6.8	0	0
72	O.FM-18	X	-8.8	-8.8	0	0
73	O.FM-19	X	-10.2	-10.2	0	0
74	O.FM-20	X	-11	-11	0	0
75	O.FM-21	X	-10.9	-10.9	0	0
76	O.FM-22	X	-10.2	-10.2	0	0
77	O.FM-23	X	-8.7	-8.7	0	0
78	O.FM-24	X	-6.7	-6.7	0	0
79	SA-1	X	-6.2	-6.2	0	0
80	SA-2	X	-12.3	-12.3	0	0
81	SA-3	X	-6.2	-6.2	0	0
82	FM.V-1	Z	-4.6	-4.6	0	0
83	FM.V-2	Z	-4.6	-4.6	0	0
84	FM.V-3	Z	-4.6	-4.6	0	0
85	FM.V-4	Z	-4.6	-4.6	0	0
86	FM.V-5	Z	-4.6	-4.6	0	0
87	FM.V-6	Z	-4.6	-4.6	0	0
88	HR-1	Z	-2.4	-2.4	0	0
89	HR-2	Z	-.8	-.8	0	0
90	HR-3	Z	-.9	-.9	0	0
91	HR-4	Z	-2.5	-2.5	0	0
92	HR-5	Z	-3.9	-3.9	0	0
93	HR-6	Z	-5.1	-5.1	0	0
94	HR-7	Z	-5.9	-5.9	0	0
95	HR-8	Z	-6.3	-6.3	0	0
96	HR-9	Z	-6.3	-6.3	0	0
97	HR-10	Z	-5.9	-5.9	0	0
98	HR-11	Z	-5	-5	0	0

Member Distributed Loads (BLC 9 : Wind Load (210 deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
99	HR-12	Z	-3.8	-3.8	0	0
100	HR-13	Z	-2.4	-2.4	0	0
101	HR-14	Z	-.8	-.8	0	0
102	HR-15	Z	-.9	-.9	0	0
103	HR-16	Z	-2.5	-2.5	0	0
104	HR-17	Z	-3.9	-3.9	0	0
105	HR-18	Z	-5.1	-5.1	0	0
106	HR-19	Z	-5.9	-5.9	0	0
107	HR-20	Z	-6.3	-6.3	0	0
108	HR-21	Z	-6.3	-6.3	0	0
109	HR-22	Z	-5.9	-5.9	0	0
110	HR-23	Z	-5	-5	0	0
111	HR-24	Z	-3.8	-3.8	0	0
112	I.FM-1	Z	-2.4	-2.4	0	0
113	I.FM-2	Z	-.8	-.8	0	0
114	I.FM-3	Z	-.9	-.9	0	0
115	I.FM-4	Z	-2.5	-2.5	0	0
116	I.FM-5	Z	-3.9	-3.9	0	0
117	I.FM-6	Z	-5.1	-5.1	0	0
118	I.FM-7	Z	-5.9	-5.9	0	0
119	I.FM-8	Z	-6.3	-6.3	0	0
120	I.FM-9	Z	-6.3	-6.3	0	0
121	I.FM-10	Z	-5.9	-5.9	0	0
122	I.FM-11	Z	-5	-5	0	0
123	I.FM-12	Z	-3.8	-3.8	0	0
124	I.FM-13	Z	-2.4	-2.4	0	0
125	I.FM-14	Z	-.8	-.8	0	0
126	I.FM-15	Z	-.9	-.9	0	0
127	I.FM-16	Z	-2.5	-2.5	0	0
128	I.FM-17	Z	-3.9	-3.9	0	0
129	I.FM-18	Z	-5.1	-5.1	0	0
130	I.FM-19	Z	-5.9	-5.9	0	0
131	I.FM-20	Z	-6.3	-6.3	0	0
132	I.FM-21	Z	-6.3	-6.3	0	0
133	I.FM-22	Z	-5.9	-5.9	0	0
134	I.FM-23	Z	-5	-5	0	0
135	I.FM-24	Z	-3.8	-3.8	0	0
136	O.FM-1	Z	-2.4	-2.4	0	0
137	O.FM-2	Z	-.8	-.8	0	0
138	O.FM-3	Z	-.9	-.9	0	0
139	O.FM-4	Z	-2.5	-2.5	0	0
140	O.FM-5	Z	-3.9	-3.9	0	0
141	O.FM-6	Z	-5.1	-5.1	0	0
142	O.FM-7	Z	-5.9	-5.9	0	0
143	O.FM-8	Z	-6.3	-6.3	0	0
144	O.FM-9	Z	-6.3	-6.3	0	0
145	O.FM-10	Z	-5.9	-5.9	0	0
146	O.FM-11	Z	-5	-5	0	0
147	O.FM-12	Z	-3.8	-3.8	0	0
148	O.FM-13	Z	-2.4	-2.4	0	0
149	O.FM-14	Z	-.8	-.8	0	0
150	O.FM-15	Z	-.9	-.9	0	0
151	O.FM-16	Z	-2.5	-2.5	0	0
152	O.FM-17	Z	-3.9	-3.9	0	0
153	O.FM-18	Z	-5.1	-5.1	0	0
154	O.FM-19	Z	-5.9	-5.9	0	0
155	O.FM-20	Z	-6.3	-6.3	0	0

Member Distributed Loads (BLC 9 : Wind Load (210 deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
156	O.FM-21	Z	-6.3	-6.3	0	0
157	O.FM-22	Z	-5.9	-5.9	0	0
158	O.FM-23	Z	-5	-5	0	0
159	O.FM-24	Z	-3.8	-3.8	0	0
160	SA-1	Z	-3.6	-3.6	0	0
161	SA-2	Z	-7.1	-7.1	0	0
162	SA-3	Z	-3.6	-3.6	0	0

Member Distributed Loads (BLC 10 : Wind Load (240 deg))

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
1	FM.V-1	X	-4.6	-4.6	0	0
2	FM.V-2	X	-4.6	-4.6	0	0
3	FM.V-3	X	-4.6	-4.6	0	0
4	FM.V-4	X	-4.6	-4.6	0	0
5	FM.V-5	X	-4.6	-4.6	0	0
6	FM.V-6	X	-4.6	-4.6	0	0
7	HR-1	X	-5	-5	0	0
8	HR-2	X	-3.8	-3.8	0	0
9	HR-3	X	-2.4	-2.4	0	0
10	HR-4	X	-.8	-.8	0	0
11	HR-5	X	-.9	-.9	0	0
12	HR-6	X	-2.5	-2.5	0	0
13	HR-7	X	-3.9	-3.9	0	0
14	HR-8	X	-5.1	-5.1	0	0
15	HR-9	X	-5.9	-5.9	0	0
16	HR-10	X	-6.3	-6.3	0	0
17	HR-11	X	-6.3	-6.3	0	0
18	HR-12	X	-5.9	-5.9	0	0
19	HR-13	X	-5	-5	0	0
20	HR-14	X	-3.8	-3.8	0	0
21	HR-15	X	-2.4	-2.4	0	0
22	HR-16	X	-.8	-.8	0	0
23	HR-17	X	-.9	-.9	0	0
24	HR-18	X	-2.5	-2.5	0	0
25	HR-19	X	-3.9	-3.9	0	0
26	HR-20	X	-5.1	-5.1	0	0
27	HR-21	X	-5.9	-5.9	0	0
28	HR-22	X	-6.3	-6.3	0	0
29	HR-23	X	-6.3	-6.3	0	0
30	HR-24	X	-5.9	-5.9	0	0
31	I.FM-1	X	-5	-5	0	0
32	I.FM-2	X	-3.8	-3.8	0	0
33	I.FM-3	X	-2.4	-2.4	0	0
34	I.FM-4	X	-.8	-.8	0	0
35	I.FM-5	X	-.9	-.9	0	0
36	I.FM-6	X	-2.5	-2.5	0	0
37	I.FM-7	X	-3.9	-3.9	0	0
38	I.FM-8	X	-5.1	-5.1	0	0
39	I.FM-9	X	-5.9	-5.9	0	0
40	I.FM-10	X	-6.3	-6.3	0	0
41	I.FM-11	X	-6.3	-6.3	0	0
42	I.FM-12	X	-5.9	-5.9	0	0
43	I.FM-13	X	-5	-5	0	0
44	I.FM-14	X	-3.8	-3.8	0	0
45	I.FM-15	X	-2.4	-2.4	0	0
46	I.FM-16	X	-.8	-.8	0	0

Member Distributed Loads (BLC 10 : Wind Load (240 deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
47	I.FM-17	X	-.9	-.9	0	0
48	I.FM-18	X	-2.5	-2.5	0	0
49	I.FM-19	X	-3.9	-3.9	0	0
50	I.FM-20	X	-5.1	-5.1	0	0
51	I.FM-21	X	-5.9	-5.9	0	0
52	I.FM-22	X	-6.3	-6.3	0	0
53	I.FM-23	X	-6.3	-6.3	0	0
54	I.FM-24	X	-5.9	-5.9	0	0
55	O.FM-1	X	-5	-5	0	0
56	O.FM-2	X	-3.8	-3.8	0	0
57	O.FM-3	X	-2.4	-2.4	0	0
58	O.FM-4	X	-.8	-.8	0	0
59	O.FM-5	X	-.9	-.9	0	0
60	O.FM-6	X	-2.5	-2.5	0	0
61	O.FM-7	X	-3.9	-3.9	0	0
62	O.FM-8	X	-5.1	-5.1	0	0
63	O.FM-9	X	-5.9	-5.9	0	0
64	O.FM-10	X	-6.3	-6.3	0	0
65	O.FM-11	X	-6.3	-6.3	0	0
66	O.FM-12	X	-5.9	-5.9	0	0
67	O.FM-13	X	-5	-5	0	0
68	O.FM-14	X	-3.8	-3.8	0	0
69	O.FM-15	X	-2.4	-2.4	0	0
70	O.FM-16	X	-.8	-.8	0	0
71	O.FM-17	X	-.9	-.9	0	0
72	O.FM-18	X	-2.5	-2.5	0	0
73	O.FM-19	X	-3.9	-3.9	0	0
74	O.FM-20	X	-5.1	-5.1	0	0
75	O.FM-21	X	-5.9	-5.9	0	0
76	O.FM-22	X	-6.3	-6.3	0	0
77	O.FM-23	X	-6.3	-6.3	0	0
78	O.FM-24	X	-5.9	-5.9	0	0
79	SA-1	X	-6.2	-6.2	0	0
80	SA-2	X	-6.2	-6.2	0	0
81	SA-3	X	0	0	0	0
82	FM.V-1	Z	-8	-8	0	0
83	FM.V-2	Z	-8	-8	0	0
84	FM.V-3	Z	-8	-8	0	0
85	FM.V-4	Z	-8	-8	0	0
86	FM.V-5	Z	-8	-8	0	0
87	FM.V-6	Z	-8	-8	0	0
88	HR-1	Z	-8.7	-8.7	0	0
89	HR-2	Z	-6.7	-6.7	0	0
90	HR-3	Z	-4.1	-4.1	0	0
91	HR-4	Z	-1.3	-1.3	0	0
92	HR-5	Z	-1.5	-1.5	0	0
93	HR-6	Z	-4.3	-4.3	0	0
94	HR-7	Z	-6.8	-6.8	0	0
95	HR-8	Z	-8.8	-8.8	0	0
96	HR-9	Z	-10.2	-10.2	0	0
97	HR-10	Z	-11	-11	0	0
98	HR-11	Z	-10.9	-10.9	0	0
99	HR-12	Z	-10.2	-10.2	0	0
100	HR-13	Z	-8.7	-8.7	0	0
101	HR-14	Z	-6.7	-6.7	0	0
102	HR-15	Z	-4.1	-4.1	0	0
103	HR-16	Z	-1.3	-1.3	0	0

Member Distributed Loads (BLC 10 : Wind Load (240 deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
104	HR-17	Z	-1.5	-1.5	0	0
105	HR-18	Z	-4.3	-4.3	0	0
106	HR-19	Z	-6.8	-6.8	0	0
107	HR-20	Z	-8.8	-8.8	0	0
108	HR-21	Z	-10.2	-10.2	0	0
109	HR-22	Z	-11	-11	0	0
110	HR-23	Z	-10.9	-10.9	0	0
111	HR-24	Z	-10.2	-10.2	0	0
112	I.FM-1	Z	-8.7	-8.7	0	0
113	I.FM-2	Z	-6.7	-6.7	0	0
114	I.FM-3	Z	-4.1	-4.1	0	0
115	I.FM-4	Z	-1.3	-1.3	0	0
116	I.FM-5	Z	-1.5	-1.5	0	0
117	I.FM-6	Z	-4.3	-4.3	0	0
118	I.FM-7	Z	-6.8	-6.8	0	0
119	I.FM-8	Z	-8.8	-8.8	0	0
120	I.FM-9	Z	-10.2	-10.2	0	0
121	I.FM-10	Z	-11	-11	0	0
122	I.FM-11	Z	-10.9	-10.9	0	0
123	I.FM-12	Z	-10.2	-10.2	0	0
124	I.FM-13	Z	-8.7	-8.7	0	0
125	I.FM-14	Z	-6.7	-6.7	0	0
126	I.FM-15	Z	-4.1	-4.1	0	0
127	I.FM-16	Z	-1.3	-1.3	0	0
128	I.FM-17	Z	-1.5	-1.5	0	0
129	I.FM-18	Z	-4.3	-4.3	0	0
130	I.FM-19	Z	-6.8	-6.8	0	0
131	I.FM-20	Z	-8.8	-8.8	0	0
132	I.FM-21	Z	-10.2	-10.2	0	0
133	I.FM-22	Z	-11	-11	0	0
134	I.FM-23	Z	-10.9	-10.9	0	0
135	I.FM-24	Z	-10.2	-10.2	0	0
136	O.FM-1	Z	-8.7	-8.7	0	0
137	O.FM-2	Z	-6.7	-6.7	0	0
138	O.FM-3	Z	-4.1	-4.1	0	0
139	O.FM-4	Z	-1.3	-1.3	0	0
140	O.FM-5	Z	-1.5	-1.5	0	0
141	O.FM-6	Z	-4.3	-4.3	0	0
142	O.FM-7	Z	-6.8	-6.8	0	0
143	O.FM-8	Z	-8.8	-8.8	0	0
144	O.FM-9	Z	-10.2	-10.2	0	0
145	O.FM-10	Z	-11	-11	0	0
146	O.FM-11	Z	-10.9	-10.9	0	0
147	O.FM-12	Z	-10.2	-10.2	0	0
148	O.FM-13	Z	-8.7	-8.7	0	0
149	O.FM-14	Z	-6.7	-6.7	0	0
150	O.FM-15	Z	-4.1	-4.1	0	0
151	O.FM-16	Z	-1.3	-1.3	0	0
152	O.FM-17	Z	-1.5	-1.5	0	0
153	O.FM-18	Z	-4.3	-4.3	0	0
154	O.FM-19	Z	-6.8	-6.8	0	0
155	O.FM-20	Z	-8.8	-8.8	0	0
156	O.FM-21	Z	-10.2	-10.2	0	0
157	O.FM-22	Z	-11	-11	0	0
158	O.FM-23	Z	-10.9	-10.9	0	0
159	O.FM-24	Z	-10.2	-10.2	0	0
160	SA-1	Z	-10.7	-10.7	0	0

Member Distributed Loads (BLC 10 : Wind Load (240 deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
161	SA-2	Z	-10.7	-10.7	0	0
162	SA-3	Z	0	0	0	0

Member Distributed Loads (BLC 11 : Wind Load (270 deg))

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
1	FM.V-1	X	0	0	0	0
2	FM.V-2	X	0	0	0	0
3	FM.V-3	X	0	0	0	0
4	FM.V-4	X	0	0	0	0
5	FM.V-5	X	0	0	0	0
6	FM.V-6	X	0	0	0	0
7	HR-1	X	0	0	0	0
8	HR-2	X	0	0	0	0
9	HR-3	X	0	0	0	0
10	HR-4	X	0	0	0	0
11	HR-5	X	0	0	0	0
12	HR-6	X	0	0	0	0
13	HR-7	X	0	0	0	0
14	HR-8	X	0	0	0	0
15	HR-9	X	0	0	0	0
16	HR-10	X	0	0	0	0
17	HR-11	X	0	0	0	0
18	HR-12	X	0	0	0	0
19	HR-13	X	0	0	0	0
20	HR-14	X	0	0	0	0
21	HR-15	X	0	0	0	0
22	HR-16	X	0	0	0	0
23	HR-17	X	0	0	0	0
24	HR-18	X	0	0	0	0
25	HR-19	X	0	0	0	0
26	HR-20	X	0	0	0	0
27	HR-21	X	0	0	0	0
28	HR-22	X	0	0	0	0
29	HR-23	X	0	0	0	0
30	HR-24	X	0	0	0	0
31	I.FM-1	X	0	0	0	0
32	I.FM-2	X	0	0	0	0
33	I.FM-3	X	0	0	0	0
34	I.FM-4	X	0	0	0	0
35	I.FM-5	X	0	0	0	0
36	I.FM-6	X	0	0	0	0
37	I.FM-7	X	0	0	0	0
38	I.FM-8	X	0	0	0	0
39	I.FM-9	X	0	0	0	0
40	I.FM-10	X	0	0	0	0
41	I.FM-11	X	0	0	0	0
42	I.FM-12	X	0	0	0	0
43	I.FM-13	X	0	0	0	0
44	I.FM-14	X	0	0	0	0
45	I.FM-15	X	0	0	0	0
46	I.FM-16	X	0	0	0	0
47	I.FM-17	X	0	0	0	0
48	I.FM-18	X	0	0	0	0
49	I.FM-19	X	0	0	0	0
50	I.FM-20	X	0	0	0	0
51	I.FM-21	X	0	0	0	0

Member Distributed Loads (BLC 11 : Wind Load (270 deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
52	I.FM-22	X	0	0	0	0
53	I.FM-23	X	0	0	0	0
54	I.FM-24	X	0	0	0	0
55	O.FM-1	X	0	0	0	0
56	O.FM-2	X	0	0	0	0
57	O.FM-3	X	0	0	0	0
58	O.FM-4	X	0	0	0	0
59	O.FM-5	X	0	0	0	0
60	O.FM-6	X	0	0	0	0
61	O.FM-7	X	0	0	0	0
62	O.FM-8	X	0	0	0	0
63	O.FM-9	X	0	0	0	0
64	O.FM-10	X	0	0	0	0
65	O.FM-11	X	0	0	0	0
66	O.FM-12	X	0	0	0	0
67	O.FM-13	X	0	0	0	0
68	O.FM-14	X	0	0	0	0
69	O.FM-15	X	0	0	0	0
70	O.FM-16	X	0	0	0	0
71	O.FM-17	X	0	0	0	0
72	O.FM-18	X	0	0	0	0
73	O.FM-19	X	0	0	0	0
74	O.FM-20	X	0	0	0	0
75	O.FM-21	X	0	0	0	0
76	O.FM-22	X	0	0	0	0
77	O.FM-23	X	0	0	0	0
78	O.FM-24	X	0	0	0	0
79	SA-1	X	0	0	0	0
80	SA-2	X	0	0	0	0
81	SA-3	X	0	0	0	0
82	FM.V-1	Z	-9.3	-9.3	0	0
83	FM.V-2	Z	-9.3	-9.3	0	0
84	FM.V-3	Z	-9.3	-9.3	0	0
85	FM.V-4	Z	-9.3	-9.3	0	0
86	FM.V-5	Z	-9.3	-9.3	0	0
87	FM.V-6	Z	-9.3	-9.3	0	0
88	HR-1	Z	-12.6	-12.6	0	0
89	HR-2	Z	-11.8	-11.8	0	0
90	HR-3	Z	-10.1	-10.1	0	0
91	HR-4	Z	-7.7	-7.7	0	0
92	HR-5	Z	-4.8	-4.8	0	0
93	HR-6	Z	-1.6	-1.6	0	0
94	HR-7	Z	-1.8	-1.8	0	0
95	HR-8	Z	-5	-5	0	0
96	HR-9	Z	-7.9	-7.9	0	0
97	HR-10	Z	-10.2	-10.2	0	0
98	HR-11	Z	-11.8	-11.8	0	0
99	HR-12	Z	-12.7	-12.7	0	0
100	HR-13	Z	-12.6	-12.6	0	0
101	HR-14	Z	-11.8	-11.8	0	0
102	HR-15	Z	-10.1	-10.1	0	0
103	HR-16	Z	-7.7	-7.7	0	0
104	HR-17	Z	-4.8	-4.8	0	0
105	HR-18	Z	-1.6	-1.6	0	0
106	HR-19	Z	-1.8	-1.8	0	0
107	HR-20	Z	-5	-5	0	0
108	HR-21	Z	-7.9	-7.9	0	0

Member Distributed Loads (BLC 11 : Wind Load (270 deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
109	HR-22	Z	-10.2	-10.2	0	0
110	HR-23	Z	-11.8	-11.8	0	0
111	HR-24	Z	-12.7	-12.7	0	0
112	I.FM-1	Z	-12.6	-12.6	0	0
113	I.FM-2	Z	-11.8	-11.8	0	0
114	I.FM-3	Z	-10.1	-10.1	0	0
115	I.FM-4	Z	-7.7	-7.7	0	0
116	I.FM-5	Z	-4.8	-4.8	0	0
117	I.FM-6	Z	-1.6	-1.6	0	0
118	I.FM-7	Z	-1.8	-1.8	0	0
119	I.FM-8	Z	-5	-5	0	0
120	I.FM-9	Z	-7.9	-7.9	0	0
121	I.FM-10	Z	-10.2	-10.2	0	0
122	I.FM-11	Z	-11.8	-11.8	0	0
123	I.FM-12	Z	-12.7	-12.7	0	0
124	I.FM-13	Z	-12.6	-12.6	0	0
125	I.FM-14	Z	-11.8	-11.8	0	0
126	I.FM-15	Z	-10.1	-10.1	0	0
127	I.FM-16	Z	-7.7	-7.7	0	0
128	I.FM-17	Z	-4.8	-4.8	0	0
129	I.FM-18	Z	-1.6	-1.6	0	0
130	I.FM-19	Z	-1.8	-1.8	0	0
131	I.FM-20	Z	-5	-5	0	0
132	I.FM-21	Z	-7.9	-7.9	0	0
133	I.FM-22	Z	-10.2	-10.2	0	0
134	I.FM-23	Z	-11.8	-11.8	0	0
135	I.FM-24	Z	-12.7	-12.7	0	0
136	O.FM-1	Z	-12.6	-12.6	0	0
137	O.FM-2	Z	-11.8	-11.8	0	0
138	O.FM-3	Z	-10.1	-10.1	0	0
139	O.FM-4	Z	-7.7	-7.7	0	0
140	O.FM-5	Z	-4.8	-4.8	0	0
141	O.FM-6	Z	-1.6	-1.6	0	0
142	O.FM-7	Z	-1.8	-1.8	0	0
143	O.FM-8	Z	-5	-5	0	0
144	O.FM-9	Z	-7.9	-7.9	0	0
145	O.FM-10	Z	-10.2	-10.2	0	0
146	O.FM-11	Z	-11.8	-11.8	0	0
147	O.FM-12	Z	-12.7	-12.7	0	0
148	O.FM-13	Z	-12.6	-12.6	0	0
149	O.FM-14	Z	-11.8	-11.8	0	0
150	O.FM-15	Z	-10.1	-10.1	0	0
151	O.FM-16	Z	-7.7	-7.7	0	0
152	O.FM-17	Z	-4.8	-4.8	0	0
153	O.FM-18	Z	-1.6	-1.6	0	0
154	O.FM-19	Z	-1.8	-1.8	0	0
155	O.FM-20	Z	-5	-5	0	0
156	O.FM-21	Z	-7.9	-7.9	0	0
157	O.FM-22	Z	-10.2	-10.2	0	0
158	O.FM-23	Z	-11.8	-11.8	0	0
159	O.FM-24	Z	-12.7	-12.7	0	0
160	SA-1	Z	-14.3	-14.3	0	0
161	SA-2	Z	-7.1	-7.1	0	0
162	SA-3	Z	-7.1	-7.1	0	0

Member Distributed Loads (BLC 12 : Wind Load (300 deg))

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

Member Distributed Loads (BLC 12 : Wind Load (300 deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
1	FM.V-1	X	4.6	4.6	0	0
2	FM.V-2	X	4.6	4.6	0	0
3	FM.V-3	X	4.6	4.6	0	0
4	FM.V-4	X	4.6	4.6	0	0
5	FM.V-5	X	4.6	4.6	0	0
6	FM.V-6	X	4.6	4.6	0	0
7	HR-1	X	5.9	5.9	0	0
8	HR-2	X	6.3	6.3	0	0
9	HR-3	X	6.3	6.3	0	0
10	HR-4	X	5.9	5.9	0	0
11	HR-5	X	5	5	0	0
12	HR-6	X	3.8	3.8	0	0
13	HR-7	X	2.4	2.4	0	0
14	HR-8	X	.8	.8	0	0
15	HR-9	X	.9	.9	0	0
16	HR-10	X	2.5	2.5	0	0
17	HR-11	X	3.9	3.9	0	0
18	HR-12	X	5.1	5.1	0	0
19	HR-13	X	5.9	5.9	0	0
20	HR-14	X	6.3	6.3	0	0
21	HR-15	X	6.3	6.3	0	0
22	HR-16	X	5.9	5.9	0	0
23	HR-17	X	5	5	0	0
24	HR-18	X	3.8	3.8	0	0
25	HR-19	X	2.4	2.4	0	0
26	HR-20	X	.8	.8	0	0
27	HR-21	X	.9	.9	0	0
28	HR-22	X	2.5	2.5	0	0
29	HR-23	X	3.9	3.9	0	0
30	HR-24	X	5.1	5.1	0	0
31	I.FM-1	X	5.9	5.9	0	0
32	I.FM-2	X	6.3	6.3	0	0
33	I.FM-3	X	6.3	6.3	0	0
34	I.FM-4	X	5.9	5.9	0	0
35	I.FM-5	X	5	5	0	0
36	I.FM-6	X	3.8	3.8	0	0
37	I.FM-7	X	2.4	2.4	0	0
38	I.FM-8	X	.8	.8	0	0
39	I.FM-9	X	.9	.9	0	0
40	I.FM-10	X	2.5	2.5	0	0
41	I.FM-11	X	3.9	3.9	0	0
42	I.FM-12	X	5.1	5.1	0	0
43	I.FM-13	X	5.9	5.9	0	0
44	I.FM-14	X	6.3	6.3	0	0
45	I.FM-15	X	6.3	6.3	0	0
46	I.FM-16	X	5.9	5.9	0	0
47	I.FM-17	X	5	5	0	0
48	I.FM-18	X	3.8	3.8	0	0
49	I.FM-19	X	2.4	2.4	0	0
50	I.FM-20	X	.8	.8	0	0
51	I.FM-21	X	.9	.9	0	0
52	I.FM-22	X	2.5	2.5	0	0
53	I.FM-23	X	3.9	3.9	0	0
54	I.FM-24	X	5.1	5.1	0	0
55	O.FM-1	X	5.9	5.9	0	0
56	O.FM-2	X	6.3	6.3	0	0
57	O.FM-3	X	6.3	6.3	0	0

Member Distributed Loads (BLC 12 : Wind Load (300 deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
58	O.FM-4	X	5.9	5.9	0	0
59	O.FM-5	X	5	5	0	0
60	O.FM-6	X	3.8	3.8	0	0
61	O.FM-7	X	2.4	2.4	0	0
62	O.FM-8	X	.8	.8	0	0
63	O.FM-9	X	.9	.9	0	0
64	O.FM-10	X	2.5	2.5	0	0
65	O.FM-11	X	3.9	3.9	0	0
66	O.FM-12	X	5.1	5.1	0	0
67	O.FM-13	X	5.9	5.9	0	0
68	O.FM-14	X	6.3	6.3	0	0
69	O.FM-15	X	6.3	6.3	0	0
70	O.FM-16	X	5.9	5.9	0	0
71	O.FM-17	X	5	5	0	0
72	O.FM-18	X	3.8	3.8	0	0
73	O.FM-19	X	2.4	2.4	0	0
74	O.FM-20	X	.8	.8	0	0
75	O.FM-21	X	.9	.9	0	0
76	O.FM-22	X	2.5	2.5	0	0
77	O.FM-23	X	3.9	3.9	0	0
78	O.FM-24	X	5.1	5.1	0	0
79	SA-1	X	6.2	6.2	0	0
80	SA-2	X	0	0	0	0
81	SA-3	X	6.2	6.2	0	0
82	FM.V-1	Z	-8	-8	0	0
83	FM.V-2	Z	-8	-8	0	0
84	FM.V-3	Z	-8	-8	0	0
85	FM.V-4	Z	-8	-8	0	0
86	FM.V-5	Z	-8	-8	0	0
87	FM.V-6	Z	-8	-8	0	0
88	HR-1	Z	-10.2	-10.2	0	0
89	HR-2	Z	-11	-11	0	0
90	HR-3	Z	-10.9	-10.9	0	0
91	HR-4	Z	-10.2	-10.2	0	0
92	HR-5	Z	-8.7	-8.7	0	0
93	HR-6	Z	-6.7	-6.7	0	0
94	HR-7	Z	-4.1	-4.1	0	0
95	HR-8	Z	-1.3	-1.3	0	0
96	HR-9	Z	-1.5	-1.5	0	0
97	HR-10	Z	-4.3	-4.3	0	0
98	HR-11	Z	-6.8	-6.8	0	0
99	HR-12	Z	-8.8	-8.8	0	0
100	HR-13	Z	-10.2	-10.2	0	0
101	HR-14	Z	-11	-11	0	0
102	HR-15	Z	-10.9	-10.9	0	0
103	HR-16	Z	-10.2	-10.2	0	0
104	HR-17	Z	-8.7	-8.7	0	0
105	HR-18	Z	-6.7	-6.7	0	0
106	HR-19	Z	-4.1	-4.1	0	0
107	HR-20	Z	-1.3	-1.3	0	0
108	HR-21	Z	-1.5	-1.5	0	0
109	HR-22	Z	-4.3	-4.3	0	0
110	HR-23	Z	-6.8	-6.8	0	0
111	HR-24	Z	-8.8	-8.8	0	0
112	I.FM-1	Z	-10.2	-10.2	0	0
113	I.FM-2	Z	-11	-11	0	0
114	I.FM-3	Z	-10.9	-10.9	0	0

Member Distributed Loads (BLC 12 : Wind Load (300 deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
115	I.FM-4	Z	-10.2	-10.2	0	0
116	I.FM-5	Z	-8.7	-8.7	0	0
117	I.FM-6	Z	-6.7	-6.7	0	0
118	I.FM-7	Z	-4.1	-4.1	0	0
119	I.FM-8	Z	-1.3	-1.3	0	0
120	I.FM-9	Z	-1.5	-1.5	0	0
121	I.FM-10	Z	-4.3	-4.3	0	0
122	I.FM-11	Z	-6.8	-6.8	0	0
123	I.FM-12	Z	-8.8	-8.8	0	0
124	I.FM-13	Z	-10.2	-10.2	0	0
125	I.FM-14	Z	-11	-11	0	0
126	I.FM-15	Z	-10.9	-10.9	0	0
127	I.FM-16	Z	-10.2	-10.2	0	0
128	I.FM-17	Z	-8.7	-8.7	0	0
129	I.FM-18	Z	-6.7	-6.7	0	0
130	I.FM-19	Z	-4.1	-4.1	0	0
131	I.FM-20	Z	-1.3	-1.3	0	0
132	I.FM-21	Z	-1.5	-1.5	0	0
133	I.FM-22	Z	-4.3	-4.3	0	0
134	I.FM-23	Z	-6.8	-6.8	0	0
135	I.FM-24	Z	-8.8	-8.8	0	0
136	O.FM-1	Z	-10.2	-10.2	0	0
137	O.FM-2	Z	-11	-11	0	0
138	O.FM-3	Z	-10.9	-10.9	0	0
139	O.FM-4	Z	-10.2	-10.2	0	0
140	O.FM-5	Z	-8.7	-8.7	0	0
141	O.FM-6	Z	-6.7	-6.7	0	0
142	O.FM-7	Z	-4.1	-4.1	0	0
143	O.FM-8	Z	-1.3	-1.3	0	0
144	O.FM-9	Z	-1.5	-1.5	0	0
145	O.FM-10	Z	-4.3	-4.3	0	0
146	O.FM-11	Z	-6.8	-6.8	0	0
147	O.FM-12	Z	-8.8	-8.8	0	0
148	O.FM-13	Z	-10.2	-10.2	0	0
149	O.FM-14	Z	-11	-11	0	0
150	O.FM-15	Z	-10.9	-10.9	0	0
151	O.FM-16	Z	-10.2	-10.2	0	0
152	O.FM-17	Z	-8.7	-8.7	0	0
153	O.FM-18	Z	-6.7	-6.7	0	0
154	O.FM-19	Z	-4.1	-4.1	0	0
155	O.FM-20	Z	-1.3	-1.3	0	0
156	O.FM-21	Z	-1.5	-1.5	0	0
157	O.FM-22	Z	-4.3	-4.3	0	0
158	O.FM-23	Z	-6.8	-6.8	0	0
159	O.FM-24	Z	-8.8	-8.8	0	0
160	SA-1	Z	-10.7	-10.7	0	0
161	SA-2	Z	0	0	0	0
162	SA-3	Z	-10.7	-10.7	0	0

Member Distributed Loads (BLC 13 : Wind Load (330 deg))

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
1	FM.V-1	X	8	8	0	0
2	FM.V-2	X	8	8	0	0
3	FM.V-3	X	8	8	0	0
4	FM.V-4	X	8	8	0	0
5	FM.V-5	X	8	8	0	0

Member Distributed Loads (BLC 13 : Wind Load (330 deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
6	FM.V-6	X	8	8	0	0
7	HR-1	X	6.8	6.8	0	0
8	HR-2	X	8.8	8.8	0	0
9	HR-3	X	10.2	10.2	0	0
10	HR-4	X	11	11	0	0
11	HR-5	X	10.9	10.9	0	0
12	HR-6	X	10.2	10.2	0	0
13	HR-7	X	8.7	8.7	0	0
14	HR-8	X	6.7	6.7	0	0
15	HR-9	X	4.1	4.1	0	0
16	HR-10	X	1.3	1.3	0	0
17	HR-11	X	1.5	1.5	0	0
18	HR-12	X	4.3	4.3	0	0
19	HR-13	X	6.8	6.8	0	0
20	HR-14	X	8.8	8.8	0	0
21	HR-15	X	10.2	10.2	0	0
22	HR-16	X	11	11	0	0
23	HR-17	X	10.9	10.9	0	0
24	HR-18	X	10.2	10.2	0	0
25	HR-19	X	8.7	8.7	0	0
26	HR-20	X	6.7	6.7	0	0
27	HR-21	X	4.1	4.1	0	0
28	HR-22	X	1.3	1.3	0	0
29	HR-23	X	1.5	1.5	0	0
30	HR-24	X	4.3	4.3	0	0
31	I.FM-1	X	6.8	6.8	0	0
32	I.FM-2	X	8.8	8.8	0	0
33	I.FM-3	X	10.2	10.2	0	0
34	I.FM-4	X	11	11	0	0
35	I.FM-5	X	10.9	10.9	0	0
36	I.FM-6	X	10.2	10.2	0	0
37	I.FM-7	X	8.7	8.7	0	0
38	I.FM-8	X	6.7	6.7	0	0
39	I.FM-9	X	4.1	4.1	0	0
40	I.FM-10	X	1.3	1.3	0	0
41	I.FM-11	X	1.5	1.5	0	0
42	I.FM-12	X	4.3	4.3	0	0
43	I.FM-13	X	6.8	6.8	0	0
44	I.FM-14	X	8.8	8.8	0	0
45	I.FM-15	X	10.2	10.2	0	0
46	I.FM-16	X	11	11	0	0
47	I.FM-17	X	10.9	10.9	0	0
48	I.FM-18	X	10.2	10.2	0	0
49	I.FM-19	X	8.7	8.7	0	0
50	I.FM-20	X	6.7	6.7	0	0
51	I.FM-21	X	4.1	4.1	0	0
52	I.FM-22	X	1.3	1.3	0	0
53	I.FM-23	X	1.5	1.5	0	0
54	I.FM-24	X	4.3	4.3	0	0
55	O.FM-1	X	6.8	6.8	0	0
56	O.FM-2	X	8.8	8.8	0	0
57	O.FM-3	X	10.2	10.2	0	0
58	O.FM-4	X	11	11	0	0
59	O.FM-5	X	10.9	10.9	0	0
60	O.FM-6	X	10.2	10.2	0	0
61	O.FM-7	X	8.7	8.7	0	0
62	O.FM-8	X	6.7	6.7	0	0

Member Distributed Loads (BLC 13 : Wind Load (330 deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
63	O.FM-9	X	4.1	4.1	0	0
64	O.FM-10	X	1.3	1.3	0	0
65	O.FM-11	X	1.5	1.5	0	0
66	O.FM-12	X	4.3	4.3	0	0
67	O.FM-13	X	6.8	6.8	0	0
68	O.FM-14	X	8.8	8.8	0	0
69	O.FM-15	X	10.2	10.2	0	0
70	O.FM-16	X	11	11	0	0
71	O.FM-17	X	10.9	10.9	0	0
72	O.FM-18	X	10.2	10.2	0	0
73	O.FM-19	X	8.7	8.7	0	0
74	O.FM-20	X	6.7	6.7	0	0
75	O.FM-21	X	4.1	4.1	0	0
76	O.FM-22	X	1.3	1.3	0	0
77	O.FM-23	X	1.5	1.5	0	0
78	O.FM-24	X	4.3	4.3	0	0
79	SA-1	X	6.2	6.2	0	0
80	SA-2	X	6.2	6.2	0	0
81	SA-3	X	12.3	12.3	0	0
82	FM.V-1	Z	-4.6	-4.6	0	0
83	FM.V-2	Z	-4.6	-4.6	0	0
84	FM.V-3	Z	-4.6	-4.6	0	0
85	FM.V-4	Z	-4.6	-4.6	0	0
86	FM.V-5	Z	-4.6	-4.6	0	0
87	FM.V-6	Z	-4.6	-4.6	0	0
88	HR-1	Z	-3.9	-3.9	0	0
89	HR-2	Z	-5.1	-5.1	0	0
90	HR-3	Z	-5.9	-5.9	0	0
91	HR-4	Z	-6.3	-6.3	0	0
92	HR-5	Z	-6.3	-6.3	0	0
93	HR-6	Z	-5.9	-5.9	0	0
94	HR-7	Z	-5	-5	0	0
95	HR-8	Z	-3.8	-3.8	0	0
96	HR-9	Z	-2.4	-2.4	0	0
97	HR-10	Z	-.8	-.8	0	0
98	HR-11	Z	-.9	-.9	0	0
99	HR-12	Z	-2.5	-2.5	0	0
100	HR-13	Z	-3.9	-3.9	0	0
101	HR-14	Z	-5.1	-5.1	0	0
102	HR-15	Z	-5.9	-5.9	0	0
103	HR-16	Z	-6.3	-6.3	0	0
104	HR-17	Z	-6.3	-6.3	0	0
105	HR-18	Z	-5.9	-5.9	0	0
106	HR-19	Z	-5	-5	0	0
107	HR-20	Z	-3.8	-3.8	0	0
108	HR-21	Z	-2.4	-2.4	0	0
109	HR-22	Z	-.8	-.8	0	0
110	HR-23	Z	-.9	-.9	0	0
111	HR-24	Z	-2.5	-2.5	0	0
112	I.FM-1	Z	-3.9	-3.9	0	0
113	I.FM-2	Z	-5.1	-5.1	0	0
114	I.FM-3	Z	-5.9	-5.9	0	0
115	I.FM-4	Z	-6.3	-6.3	0	0
116	I.FM-5	Z	-6.3	-6.3	0	0
117	I.FM-6	Z	-5.9	-5.9	0	0
118	I.FM-7	Z	-5	-5	0	0
119	I.FM-8	Z	-3.8	-3.8	0	0

Member Distributed Loads (BLC 13 : Wind Load (330 deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
120	I.FM-9	Z	-2.4	-2.4	0	0
121	I.FM-10	Z	-.8	-.8	0	0
122	I.FM-11	Z	-.9	-.9	0	0
123	I.FM-12	Z	-2.5	-2.5	0	0
124	I.FM-13	Z	-3.9	-3.9	0	0
125	I.FM-14	Z	-5.1	-5.1	0	0
126	I.FM-15	Z	-5.9	-5.9	0	0
127	I.FM-16	Z	-6.3	-6.3	0	0
128	I.FM-17	Z	-6.3	-6.3	0	0
129	I.FM-18	Z	-5.9	-5.9	0	0
130	I.FM-19	Z	-5	-5	0	0
131	I.FM-20	Z	-3.8	-3.8	0	0
132	I.FM-21	Z	-2.4	-2.4	0	0
133	I.FM-22	Z	-.8	-.8	0	0
134	I.FM-23	Z	-.9	-.9	0	0
135	I.FM-24	Z	-2.5	-2.5	0	0
136	O.FM-1	Z	-3.9	-3.9	0	0
137	O.FM-2	Z	-5.1	-5.1	0	0
138	O.FM-3	Z	-5.9	-5.9	0	0
139	O.FM-4	Z	-6.3	-6.3	0	0
140	O.FM-5	Z	-6.3	-6.3	0	0
141	O.FM-6	Z	-5.9	-5.9	0	0
142	O.FM-7	Z	-5	-5	0	0
143	O.FM-8	Z	-3.8	-3.8	0	0
144	O.FM-9	Z	-2.4	-2.4	0	0
145	O.FM-10	Z	-.8	-.8	0	0
146	O.FM-11	Z	-.9	-.9	0	0
147	O.FM-12	Z	-2.5	-2.5	0	0
148	O.FM-13	Z	-3.9	-3.9	0	0
149	O.FM-14	Z	-5.1	-5.1	0	0
150	O.FM-15	Z	-5.9	-5.9	0	0
151	O.FM-16	Z	-6.3	-6.3	0	0
152	O.FM-17	Z	-6.3	-6.3	0	0
153	O.FM-18	Z	-5.9	-5.9	0	0
154	O.FM-19	Z	-5	-5	0	0
155	O.FM-20	Z	-3.8	-3.8	0	0
156	O.FM-21	Z	-2.4	-2.4	0	0
157	O.FM-22	Z	-.8	-.8	0	0
158	O.FM-23	Z	-.9	-.9	0	0
159	O.FM-24	Z	-2.5	-2.5	0	0
160	SA-1	Z	-3.6	-3.6	0	0
161	SA-2	Z	-3.6	-3.6	0	0
162	SA-3	Z	-7.1	-7.1	0	0

Member Distributed Loads (BLC 14 : Ice Load)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
1	FM.V-1	Y	-6.7	-6.7	0	0
2	FM.V-2	Y	-6.7	-6.7	0	0
3	FM.V-3	Y	-6.7	-6.7	0	0
4	FM.V-4	Y	-6.7	-6.7	0	0
5	FM.V-5	Y	-6.7	-6.7	0	0
6	FM.V-6	Y	-6.7	-6.7	0	0
7	HR-1	Y	-6.7	-6.7	0	0
8	HR-2	Y	-6.7	-6.7	0	0
9	HR-3	Y	-6.7	-6.7	0	0
10	HR-4	Y	-6.7	-6.7	0	0

Member Distributed Loads (BLC 14 : Ice Load) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
11	HR-5	Y	-6.7	-6.7	0	0
12	HR-6	Y	-6.7	-6.7	0	0
13	HR-7	Y	-6.7	-6.7	0	0
14	HR-8	Y	-6.7	-6.7	0	0
15	HR-9	Y	-6.7	-6.7	0	0
16	HR-10	Y	-6.7	-6.7	0	0
17	HR-11	Y	-6.7	-6.7	0	0
18	HR-12	Y	-6.7	-6.7	0	0
19	HR-13	Y	-6.7	-6.7	0	0
20	HR-14	Y	-6.7	-6.7	0	0
21	HR-15	Y	-6.7	-6.7	0	0
22	HR-16	Y	-6.7	-6.7	0	0
23	HR-17	Y	-6.7	-6.7	0	0
24	HR-18	Y	-6.7	-6.7	0	0
25	HR-19	Y	-6.7	-6.7	0	0
26	HR-20	Y	-6.7	-6.7	0	0
27	HR-21	Y	-6.7	-6.7	0	0
28	HR-22	Y	-6.7	-6.7	0	0
29	HR-23	Y	-6.7	-6.7	0	0
30	HR-24	Y	-6.7	-6.7	0	0
31	I.FM-1	Y	-6.7	-6.7	0	0
32	I.FM-2	Y	-6.7	-6.7	0	0
33	I.FM-3	Y	-6.7	-6.7	0	0
34	I.FM-4	Y	-6.7	-6.7	0	0
35	I.FM-5	Y	-6.7	-6.7	0	0
36	I.FM-6	Y	-6.7	-6.7	0	0
37	I.FM-7	Y	-6.7	-6.7	0	0
38	I.FM-8	Y	-6.7	-6.7	0	0
39	I.FM-9	Y	-6.7	-6.7	0	0
40	I.FM-10	Y	-6.7	-6.7	0	0
41	I.FM-11	Y	-6.7	-6.7	0	0
42	I.FM-12	Y	-6.7	-6.7	0	0
43	I.FM-13	Y	-6.7	-6.7	0	0
44	I.FM-14	Y	-6.7	-6.7	0	0
45	I.FM-15	Y	-6.7	-6.7	0	0
46	I.FM-16	Y	-6.7	-6.7	0	0
47	I.FM-17	Y	-6.7	-6.7	0	0
48	I.FM-18	Y	-6.7	-6.7	0	0
49	I.FM-19	Y	-6.7	-6.7	0	0
50	I.FM-20	Y	-6.7	-6.7	0	0
51	I.FM-21	Y	-6.7	-6.7	0	0
52	I.FM-22	Y	-6.7	-6.7	0	0
53	I.FM-23	Y	-6.7	-6.7	0	0
54	I.FM-24	Y	-6.7	-6.7	0	0
55	O.FM-1	Y	-6.7	-6.7	0	0
56	O.FM-2	Y	-6.7	-6.7	0	0
57	O.FM-3	Y	-6.7	-6.7	0	0
58	O.FM-4	Y	-6.7	-6.7	0	0
59	O.FM-5	Y	-6.7	-6.7	0	0
60	O.FM-6	Y	-6.7	-6.7	0	0
61	O.FM-7	Y	-6.7	-6.7	0	0
62	O.FM-8	Y	-6.7	-6.7	0	0
63	O.FM-9	Y	-6.7	-6.7	0	0
64	O.FM-10	Y	-6.7	-6.7	0	0
65	O.FM-11	Y	-6.7	-6.7	0	0
66	O.FM-12	Y	-6.7	-6.7	0	0
67	O.FM-13	Y	-6.7	-6.7	0	0

Member Distributed Loads (BLC 14 : Ice Load) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
68	O.FM-14	Y	-6.7	-6.7	0	0
69	O.FM-15	Y	-6.7	-6.7	0	0
70	O.FM-16	Y	-6.7	-6.7	0	0
71	O.FM-17	Y	-6.7	-6.7	0	0
72	O.FM-18	Y	-6.7	-6.7	0	0
73	O.FM-19	Y	-6.7	-6.7	0	0
74	O.FM-20	Y	-6.7	-6.7	0	0
75	O.FM-21	Y	-6.7	-6.7	0	0
76	O.FM-22	Y	-6.7	-6.7	0	0
77	O.FM-23	Y	-6.7	-6.7	0	0
78	O.FM-24	Y	-6.7	-6.7	0	0
79	SA-1	Y	-9.7	-9.7	0	0
80	SA-2	Y	-9.7	-9.7	0	0
81	SA-3	Y	-9.7	-9.7	0	0

Member Distributed Loads (BLC 15 : Wind on Ice (0 deg))

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
1	FM.V-1	X	2.5	2.5	0	0
2	FM.V-2	X	2.5	2.5	0	0
3	FM.V-3	X	2.5	2.5	0	0
4	FM.V-4	X	2.5	2.5	0	0
5	FM.V-5	X	2.5	2.5	0	0
6	FM.V-6	X	2.5	2.5	0	0
7	HR-1	X	.5	.5	0	0
8	HR-2	X	1.4	1.4	0	0
9	HR-3	X	2.2	2.2	0	0
10	HR-4	X	2.8	2.8	0	0
11	HR-5	X	3.3	3.3	0	0
12	HR-6	X	3.5	3.5	0	0
13	HR-7	X	3.5	3.5	0	0
14	HR-8	X	3.2	3.2	0	0
15	HR-9	X	2.8	2.8	0	0
16	HR-10	X	2.1	2.1	0	0
17	HR-11	X	1.3	1.3	0	0
18	HR-12	X	.4	.4	0	0
19	HR-13	X	.5	.5	0	0
20	HR-14	X	1.4	1.4	0	0
21	HR-15	X	2.2	2.2	0	0
22	HR-16	X	2.8	2.8	0	0
23	HR-17	X	3.3	3.3	0	0
24	HR-18	X	3.5	3.5	0	0
25	HR-19	X	3.5	3.5	0	0
26	HR-20	X	3.2	3.2	0	0
27	HR-21	X	2.8	2.8	0	0
28	HR-22	X	2.1	2.1	0	0
29	HR-23	X	1.3	1.3	0	0
30	HR-24	X	.4	.4	0	0
31	I.FM-1	X	.5	.5	0	0
32	I.FM-2	X	1.4	1.4	0	0
33	I.FM-3	X	2.2	2.2	0	0
34	I.FM-4	X	2.8	2.8	0	0
35	I.FM-5	X	3.3	3.3	0	0
36	I.FM-6	X	3.5	3.5	0	0
37	I.FM-7	X	3.5	3.5	0	0
38	I.FM-8	X	3.2	3.2	0	0
39	I.FM-9	X	2.8	2.8	0	0

Member Distributed Loads (BLC 15 : Wind on Ice (0 deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
40	I.FM-10	X	2.1	2.1	0	0
41	I.FM-11	X	1.3	1.3	0	0
42	I.FM-12	X	.4	.4	0	0
43	I.FM-13	X	.5	.5	0	0
44	I.FM-14	X	1.4	1.4	0	0
45	I.FM-15	X	2.2	2.2	0	0
46	I.FM-16	X	2.8	2.8	0	0
47	I.FM-17	X	3.3	3.3	0	0
48	I.FM-18	X	3.5	3.5	0	0
49	I.FM-19	X	3.5	3.5	0	0
50	I.FM-20	X	3.2	3.2	0	0
51	I.FM-21	X	2.8	2.8	0	0
52	I.FM-22	X	2.1	2.1	0	0
53	I.FM-23	X	1.3	1.3	0	0
54	I.FM-24	X	.4	.4	0	0
55	O.FM-1	X	.5	.5	0	0
56	O.FM-2	X	1.4	1.4	0	0
57	O.FM-3	X	2.2	2.2	0	0
58	O.FM-4	X	2.8	2.8	0	0
59	O.FM-5	X	3.3	3.3	0	0
60	O.FM-6	X	3.5	3.5	0	0
61	O.FM-7	X	3.5	3.5	0	0
62	O.FM-8	X	3.2	3.2	0	0
63	O.FM-9	X	2.8	2.8	0	0
64	O.FM-10	X	2.1	2.1	0	0
65	O.FM-11	X	1.3	1.3	0	0
66	O.FM-12	X	.4	.4	0	0
67	O.FM-13	X	.5	.5	0	0
68	O.FM-14	X	1.4	1.4	0	0
69	O.FM-15	X	2.2	2.2	0	0
70	O.FM-16	X	2.8	2.8	0	0
71	O.FM-17	X	3.3	3.3	0	0
72	O.FM-18	X	3.5	3.5	0	0
73	O.FM-19	X	3.5	3.5	0	0
74	O.FM-20	X	3.2	3.2	0	0
75	O.FM-21	X	2.8	2.8	0	0
76	O.FM-22	X	2.1	2.1	0	0
77	O.FM-23	X	1.3	1.3	0	0
78	O.FM-24	X	.4	.4	0	0
79	SA-1	X	0	0	0	0
80	SA-2	X	3	3	0	0
81	SA-3	X	3	3	0	0
82	FM.V-1	Z	0	0	0	0
83	FM.V-2	Z	0	0	0	0
84	FM.V-3	Z	0	0	0	0
85	FM.V-4	Z	0	0	0	0
86	FM.V-5	Z	0	0	0	0
87	FM.V-6	Z	0	0	0	0
88	HR-1	Z	0	0	0	0
89	HR-2	Z	0	0	0	0
90	HR-3	Z	0	0	0	0
91	HR-4	Z	0	0	0	0
92	HR-5	Z	0	0	0	0
93	HR-6	Z	0	0	0	0
94	HR-7	Z	0	0	0	0
95	HR-8	Z	0	0	0	0
96	HR-9	Z	0	0	0	0

Member Distributed Loads (BLC 15 : Wind on Ice (0 deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
97	HR-10	Z	0	0	0	0
98	HR-11	Z	0	0	0	0
99	HR-12	Z	0	0	0	0
100	HR-13	Z	0	0	0	0
101	HR-14	Z	0	0	0	0
102	HR-15	Z	0	0	0	0
103	HR-16	Z	0	0	0	0
104	HR-17	Z	0	0	0	0
105	HR-18	Z	0	0	0	0
106	HR-19	Z	0	0	0	0
107	HR-20	Z	0	0	0	0
108	HR-21	Z	0	0	0	0
109	HR-22	Z	0	0	0	0
110	HR-23	Z	0	0	0	0
111	HR-24	Z	0	0	0	0
112	I.FM-1	Z	0	0	0	0
113	I.FM-2	Z	0	0	0	0
114	I.FM-3	Z	0	0	0	0
115	I.FM-4	Z	0	0	0	0
116	I.FM-5	Z	0	0	0	0
117	I.FM-6	Z	0	0	0	0
118	I.FM-7	Z	0	0	0	0
119	I.FM-8	Z	0	0	0	0
120	I.FM-9	Z	0	0	0	0
121	I.FM-10	Z	0	0	0	0
122	I.FM-11	Z	0	0	0	0
123	I.FM-12	Z	0	0	0	0
124	I.FM-13	Z	0	0	0	0
125	I.FM-14	Z	0	0	0	0
126	I.FM-15	Z	0	0	0	0
127	I.FM-16	Z	0	0	0	0
128	I.FM-17	Z	0	0	0	0
129	I.FM-18	Z	0	0	0	0
130	I.FM-19	Z	0	0	0	0
131	I.FM-20	Z	0	0	0	0
132	I.FM-21	Z	0	0	0	0
133	I.FM-22	Z	0	0	0	0
134	I.FM-23	Z	0	0	0	0
135	I.FM-24	Z	0	0	0	0
136	O.FM-1	Z	0	0	0	0
137	O.FM-2	Z	0	0	0	0
138	O.FM-3	Z	0	0	0	0
139	O.FM-4	Z	0	0	0	0
140	O.FM-5	Z	0	0	0	0
141	O.FM-6	Z	0	0	0	0
142	O.FM-7	Z	0	0	0	0
143	O.FM-8	Z	0	0	0	0
144	O.FM-9	Z	0	0	0	0
145	O.FM-10	Z	0	0	0	0
146	O.FM-11	Z	0	0	0	0
147	O.FM-12	Z	0	0	0	0
148	O.FM-13	Z	0	0	0	0
149	O.FM-14	Z	0	0	0	0
150	O.FM-15	Z	0	0	0	0
151	O.FM-16	Z	0	0	0	0
152	O.FM-17	Z	0	0	0	0
153	O.FM-18	Z	0	0	0	0

Member Distributed Loads (BLC 15 : Wind on Ice (0 deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
154	O.FM-19	Z	0	0	0	0
155	O.FM-20	Z	0	0	0	0
156	O.FM-21	Z	0	0	0	0
157	O.FM-22	Z	0	0	0	0
158	O.FM-23	Z	0	0	0	0
159	O.FM-24	Z	0	0	0	0
160	SA-1	Z	0	0	0	0
161	SA-2	Z	0	0	0	0
162	SA-3	Z	0	0	0	0

Member Distributed Loads (BLC 16 : Wind on Ice (30 deg))

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
1	FM.V-1	X	2.1	2.1	0	0
2	FM.V-2	X	2.1	2.1	0	0
3	FM.V-3	X	2.1	2.1	0	0
4	FM.V-4	X	2.1	2.1	0	0
5	FM.V-5	X	2.1	2.1	0	0
6	FM.V-6	X	2.1	2.1	0	0
7	HR-1	X	1.1	1.1	0	0
8	HR-2	X	.4	.4	0	0
9	HR-3	X	.4	.4	0	0
10	HR-4	X	1.2	1.2	0	0
11	HR-5	X	1.9	1.9	0	0
12	HR-6	X	2.4	2.4	0	0
13	HR-7	X	2.8	2.8	0	0
14	HR-8	X	3	3	0	0
15	HR-9	X	3	3	0	0
16	HR-10	X	2.8	2.8	0	0
17	HR-11	X	2.4	2.4	0	0
18	HR-12	X	1.8	1.8	0	0
19	HR-13	X	1.1	1.1	0	0
20	HR-14	X	.4	.4	0	0
21	HR-15	X	.4	.4	0	0
22	HR-16	X	1.2	1.2	0	0
23	HR-17	X	1.9	1.9	0	0
24	HR-18	X	2.4	2.4	0	0
25	HR-19	X	2.8	2.8	0	0
26	HR-20	X	3	3	0	0
27	HR-21	X	3	3	0	0
28	HR-22	X	2.8	2.8	0	0
29	HR-23	X	2.4	2.4	0	0
30	HR-24	X	1.8	1.8	0	0
31	I.FM-1	X	1.1	1.1	0	0
32	I.FM-2	X	.4	.4	0	0
33	I.FM-3	X	.4	.4	0	0
34	I.FM-4	X	1.2	1.2	0	0
35	I.FM-5	X	1.9	1.9	0	0
36	I.FM-6	X	2.4	2.4	0	0
37	I.FM-7	X	2.8	2.8	0	0
38	I.FM-8	X	3	3	0	0
39	I.FM-9	X	3	3	0	0
40	I.FM-10	X	2.8	2.8	0	0
41	I.FM-11	X	2.4	2.4	0	0
42	I.FM-12	X	1.8	1.8	0	0
43	I.FM-13	X	1.1	1.1	0	0
44	I.FM-14	X	.4	.4	0	0

Member Distributed Loads (BLC 16 : Wind on Ice (30 deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
45	I.FM-15	X	.4	.4	0	0
46	I.FM-16	X	1.2	1.2	0	0
47	I.FM-17	X	1.9	1.9	0	0
48	I.FM-18	X	2.4	2.4	0	0
49	I.FM-19	X	2.8	2.8	0	0
50	I.FM-20	X	3	3	0	0
51	I.FM-21	X	3	3	0	0
52	I.FM-22	X	2.8	2.8	0	0
53	I.FM-23	X	2.4	2.4	0	0
54	I.FM-24	X	1.8	1.8	0	0
55	O.FM-1	X	1.1	1.1	0	0
56	O.FM-2	X	.4	.4	0	0
57	O.FM-3	X	.4	.4	0	0
58	O.FM-4	X	1.2	1.2	0	0
59	O.FM-5	X	1.9	1.9	0	0
60	O.FM-6	X	2.4	2.4	0	0
61	O.FM-7	X	2.8	2.8	0	0
62	O.FM-8	X	3	3	0	0
63	O.FM-9	X	3	3	0	0
64	O.FM-10	X	2.8	2.8	0	0
65	O.FM-11	X	2.4	2.4	0	0
66	O.FM-12	X	1.8	1.8	0	0
67	O.FM-13	X	1.1	1.1	0	0
68	O.FM-14	X	.4	.4	0	0
69	O.FM-15	X	.4	.4	0	0
70	O.FM-16	X	1.2	1.2	0	0
71	O.FM-17	X	1.9	1.9	0	0
72	O.FM-18	X	2.4	2.4	0	0
73	O.FM-19	X	2.8	2.8	0	0
74	O.FM-20	X	3	3	0	0
75	O.FM-21	X	3	3	0	0
76	O.FM-22	X	2.8	2.8	0	0
77	O.FM-23	X	2.4	2.4	0	0
78	O.FM-24	X	1.8	1.8	0	0
79	SA-1	X	1.5	1.5	0	0
80	SA-2	X	3	3	0	0
81	SA-3	X	1.5	1.5	0	0
82	FM.V-1	Z	1.2	1.2	0	0
83	FM.V-2	Z	1.2	1.2	0	0
84	FM.V-3	Z	1.2	1.2	0	0
85	FM.V-4	Z	1.2	1.2	0	0
86	FM.V-5	Z	1.2	1.2	0	0
87	FM.V-6	Z	1.2	1.2	0	0
88	HR-1	Z	.7	.7	0	0
89	HR-2	Z	.2	.2	0	0
90	HR-3	Z	.2	.2	0	0
91	HR-4	Z	.7	.7	0	0
92	HR-5	Z	1.1	1.1	0	0
93	HR-6	Z	1.4	1.4	0	0
94	HR-7	Z	1.6	1.6	0	0
95	HR-8	Z	1.7	1.7	0	0
96	HR-9	Z	1.7	1.7	0	0
97	HR-10	Z	1.6	1.6	0	0
98	HR-11	Z	1.4	1.4	0	0
99	HR-12	Z	1.1	1.1	0	0
100	HR-13	Z	.7	.7	0	0
101	HR-14	Z	.2	.2	0	0

Member Distributed Loads (BLC 16 : Wind on Ice (30 deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
102	HR-15	Z	.2	.2	0	0
103	HR-16	Z	.7	.7	0	0
104	HR-17	Z	1.1	1.1	0	0
105	HR-18	Z	1.4	1.4	0	0
106	HR-19	Z	1.6	1.6	0	0
107	HR-20	Z	1.7	1.7	0	0
108	HR-21	Z	1.7	1.7	0	0
109	HR-22	Z	1.6	1.6	0	0
110	HR-23	Z	1.4	1.4	0	0
111	HR-24	Z	1.1	1.1	0	0
112	I.FM-1	Z	.7	.7	0	0
113	I.FM-2	Z	.2	.2	0	0
114	I.FM-3	Z	.2	.2	0	0
115	I.FM-4	Z	.7	.7	0	0
116	I.FM-5	Z	1.1	1.1	0	0
117	I.FM-6	Z	1.4	1.4	0	0
118	I.FM-7	Z	1.6	1.6	0	0
119	I.FM-8	Z	1.7	1.7	0	0
120	I.FM-9	Z	1.7	1.7	0	0
121	I.FM-10	Z	1.6	1.6	0	0
122	I.FM-11	Z	1.4	1.4	0	0
123	I.FM-12	Z	1.1	1.1	0	0
124	I.FM-13	Z	.7	.7	0	0
125	I.FM-14	Z	.2	.2	0	0
126	I.FM-15	Z	.2	.2	0	0
127	I.FM-16	Z	.7	.7	0	0
128	I.FM-17	Z	1.1	1.1	0	0
129	I.FM-18	Z	1.4	1.4	0	0
130	I.FM-19	Z	1.6	1.6	0	0
131	I.FM-20	Z	1.7	1.7	0	0
132	I.FM-21	Z	1.7	1.7	0	0
133	I.FM-22	Z	1.6	1.6	0	0
134	I.FM-23	Z	1.4	1.4	0	0
135	I.FM-24	Z	1.1	1.1	0	0
136	O.FM-1	Z	.7	.7	0	0
137	O.FM-2	Z	.2	.2	0	0
138	O.FM-3	Z	.2	.2	0	0
139	O.FM-4	Z	.7	.7	0	0
140	O.FM-5	Z	1.1	1.1	0	0
141	O.FM-6	Z	1.4	1.4	0	0
142	O.FM-7	Z	1.6	1.6	0	0
143	O.FM-8	Z	1.7	1.7	0	0
144	O.FM-9	Z	1.7	1.7	0	0
145	O.FM-10	Z	1.6	1.6	0	0
146	O.FM-11	Z	1.4	1.4	0	0
147	O.FM-12	Z	1.1	1.1	0	0
148	O.FM-13	Z	.7	.7	0	0
149	O.FM-14	Z	.2	.2	0	0
150	O.FM-15	Z	.2	.2	0	0
151	O.FM-16	Z	.7	.7	0	0
152	O.FM-17	Z	1.1	1.1	0	0
153	O.FM-18	Z	1.4	1.4	0	0
154	O.FM-19	Z	1.6	1.6	0	0
155	O.FM-20	Z	1.7	1.7	0	0
156	O.FM-21	Z	1.7	1.7	0	0
157	O.FM-22	Z	1.6	1.6	0	0
158	O.FM-23	Z	1.4	1.4	0	0

Member Distributed Loads (BLC 16 : Wind on Ice (30 deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
159	O.FM-24	Z	1.1	1.1	0	0
160	SA-1	Z	.9	.9	0	0
161	SA-2	Z	1.7	1.7	0	0
162	SA-3	Z	.9	.9	0	0

Member Distributed Loads (BLC 17 : Wind on Ice (60 deg))

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
1	FM.V-1	X	1.2	1.2	0	0
2	FM.V-2	X	1.2	1.2	0	0
3	FM.V-3	X	1.2	1.2	0	0
4	FM.V-4	X	1.2	1.2	0	0
5	FM.V-5	X	1.2	1.2	0	0
6	FM.V-6	X	1.2	1.2	0	0
7	HR-1	X	1.4	1.4	0	0
8	HR-2	X	1.1	1.1	0	0
9	HR-3	X	.7	.7	0	0
10	HR-4	X	.2	.2	0	0
11	HR-5	X	.2	.2	0	0
12	HR-6	X	.7	.7	0	0
13	HR-7	X	1.1	1.1	0	0
14	HR-8	X	1.4	1.4	0	0
15	HR-9	X	1.6	1.6	0	0
16	HR-10	X	1.7	1.7	0	0
17	HR-11	X	1.7	1.7	0	0
18	HR-12	X	1.6	1.6	0	0
19	HR-13	X	1.4	1.4	0	0
20	HR-14	X	1.1	1.1	0	0
21	HR-15	X	.7	.7	0	0
22	HR-16	X	.2	.2	0	0
23	HR-17	X	.2	.2	0	0
24	HR-18	X	.7	.7	0	0
25	HR-19	X	1.1	1.1	0	0
26	HR-20	X	1.4	1.4	0	0
27	HR-21	X	1.6	1.6	0	0
28	HR-22	X	1.7	1.7	0	0
29	HR-23	X	1.7	1.7	0	0
30	HR-24	X	1.6	1.6	0	0
31	I.FM-1	X	1.4	1.4	0	0
32	I.FM-2	X	1.1	1.1	0	0
33	I.FM-3	X	.7	.7	0	0
34	I.FM-4	X	.2	.2	0	0
35	I.FM-5	X	.2	.2	0	0
36	I.FM-6	X	.7	.7	0	0
37	I.FM-7	X	1.1	1.1	0	0
38	I.FM-8	X	1.4	1.4	0	0
39	I.FM-9	X	1.6	1.6	0	0
40	I.FM-10	X	1.7	1.7	0	0
41	I.FM-11	X	1.7	1.7	0	0
42	I.FM-12	X	1.6	1.6	0	0
43	I.FM-13	X	1.4	1.4	0	0
44	I.FM-14	X	1.1	1.1	0	0
45	I.FM-15	X	.7	.7	0	0
46	I.FM-16	X	.2	.2	0	0
47	I.FM-17	X	.2	.2	0	0
48	I.FM-18	X	.7	.7	0	0
49	I.FM-19	X	1.1	1.1	0	0

Member Distributed Loads (BLC 17 : Wind on Ice (60 deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
50	I.FM-20	X	1.4	1.4	0	0
51	I.FM-21	X	1.6	1.6	0	0
52	I.FM-22	X	1.7	1.7	0	0
53	I.FM-23	X	1.7	1.7	0	0
54	I.FM-24	X	1.6	1.6	0	0
55	O.FM-1	X	1.4	1.4	0	0
56	O.FM-2	X	1.1	1.1	0	0
57	O.FM-3	X	.7	.7	0	0
58	O.FM-4	X	.2	.2	0	0
59	O.FM-5	X	.2	.2	0	0
60	O.FM-6	X	.7	.7	0	0
61	O.FM-7	X	1.1	1.1	0	0
62	O.FM-8	X	1.4	1.4	0	0
63	O.FM-9	X	1.6	1.6	0	0
64	O.FM-10	X	1.7	1.7	0	0
65	O.FM-11	X	1.7	1.7	0	0
66	O.FM-12	X	1.6	1.6	0	0
67	O.FM-13	X	1.4	1.4	0	0
68	O.FM-14	X	1.1	1.1	0	0
69	O.FM-15	X	.7	.7	0	0
70	O.FM-16	X	.2	.2	0	0
71	O.FM-17	X	.2	.2	0	0
72	O.FM-18	X	.7	.7	0	0
73	O.FM-19	X	1.1	1.1	0	0
74	O.FM-20	X	1.4	1.4	0	0
75	O.FM-21	X	1.6	1.6	0	0
76	O.FM-22	X	1.7	1.7	0	0
77	O.FM-23	X	1.7	1.7	0	0
78	O.FM-24	X	1.6	1.6	0	0
79	SA-1	X	1.5	1.5	0	0
80	SA-2	X	1.5	1.5	0	0
81	SA-3	X	0	0	0	0
82	FM.V-1	Z	2.1	2.1	0	0
83	FM.V-2	Z	2.1	2.1	0	0
84	FM.V-3	Z	2.1	2.1	0	0
85	FM.V-4	Z	2.1	2.1	0	0
86	FM.V-5	Z	2.1	2.1	0	0
87	FM.V-6	Z	2.1	2.1	0	0
88	HR-1	Z	2.4	2.4	0	0
89	HR-2	Z	1.8	1.8	0	0
90	HR-3	Z	1.1	1.1	0	0
91	HR-4	Z	.4	.4	0	0
92	HR-5	Z	.4	.4	0	0
93	HR-6	Z	1.2	1.2	0	0
94	HR-7	Z	1.9	1.9	0	0
95	HR-8	Z	2.4	2.4	0	0
96	HR-9	Z	2.8	2.8	0	0
97	HR-10	Z	3	3	0	0
98	HR-11	Z	3	3	0	0
99	HR-12	Z	2.8	2.8	0	0
100	HR-13	Z	2.4	2.4	0	0
101	HR-14	Z	1.8	1.8	0	0
102	HR-15	Z	1.1	1.1	0	0
103	HR-16	Z	.4	.4	0	0
104	HR-17	Z	.4	.4	0	0
105	HR-18	Z	1.2	1.2	0	0
106	HR-19	Z	1.9	1.9	0	0

Member Distributed Loads (BLC 17 : Wind on Ice (60 deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
107	HR-20	Z	2.4	2.4	0	0
108	HR-21	Z	2.8	2.8	0	0
109	HR-22	Z	3	3	0	0
110	HR-23	Z	3	3	0	0
111	HR-24	Z	2.8	2.8	0	0
112	I.FM-1	Z	2.4	2.4	0	0
113	I.FM-2	Z	1.8	1.8	0	0
114	I.FM-3	Z	1.1	1.1	0	0
115	I.FM-4	Z	.4	.4	0	0
116	I.FM-5	Z	.4	.4	0	0
117	I.FM-6	Z	1.2	1.2	0	0
118	I.FM-7	Z	1.9	1.9	0	0
119	I.FM-8	Z	2.4	2.4	0	0
120	I.FM-9	Z	2.8	2.8	0	0
121	I.FM-10	Z	3	3	0	0
122	I.FM-11	Z	3	3	0	0
123	I.FM-12	Z	2.8	2.8	0	0
124	I.FM-13	Z	2.4	2.4	0	0
125	I.FM-14	Z	1.8	1.8	0	0
126	I.FM-15	Z	1.1	1.1	0	0
127	I.FM-16	Z	.4	.4	0	0
128	I.FM-17	Z	.4	.4	0	0
129	I.FM-18	Z	1.2	1.2	0	0
130	I.FM-19	Z	1.9	1.9	0	0
131	I.FM-20	Z	2.4	2.4	0	0
132	I.FM-21	Z	2.8	2.8	0	0
133	I.FM-22	Z	3	3	0	0
134	I.FM-23	Z	3	3	0	0
135	I.FM-24	Z	2.8	2.8	0	0
136	O.FM-1	Z	2.4	2.4	0	0
137	O.FM-2	Z	1.8	1.8	0	0
138	O.FM-3	Z	1.1	1.1	0	0
139	O.FM-4	Z	.4	.4	0	0
140	O.FM-5	Z	.4	.4	0	0
141	O.FM-6	Z	1.2	1.2	0	0
142	O.FM-7	Z	1.9	1.9	0	0
143	O.FM-8	Z	2.4	2.4	0	0
144	O.FM-9	Z	2.8	2.8	0	0
145	O.FM-10	Z	3	3	0	0
146	O.FM-11	Z	3	3	0	0
147	O.FM-12	Z	2.8	2.8	0	0
148	O.FM-13	Z	2.4	2.4	0	0
149	O.FM-14	Z	1.8	1.8	0	0
150	O.FM-15	Z	1.1	1.1	0	0
151	O.FM-16	Z	.4	.4	0	0
152	O.FM-17	Z	.4	.4	0	0
153	O.FM-18	Z	1.2	1.2	0	0
154	O.FM-19	Z	1.9	1.9	0	0
155	O.FM-20	Z	2.4	2.4	0	0
156	O.FM-21	Z	2.8	2.8	0	0
157	O.FM-22	Z	3	3	0	0
158	O.FM-23	Z	3	3	0	0
159	O.FM-24	Z	2.8	2.8	0	0
160	SA-1	Z	2.6	2.6	0	0
161	SA-2	Z	2.6	2.6	0	0
162	SA-3	Z	0	0	0	0

Member Distributed Loads (BLC 18 : Wind on Ice (90 deg))

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
1	FM.V-1	X	0	0	0	0
2	FM.V-2	X	0	0	0	0
3	FM.V-3	X	0	0	0	0
4	FM.V-4	X	0	0	0	0
5	FM.V-5	X	0	0	0	0
6	FM.V-6	X	0	0	0	0
7	HR-1	X	0	0	0	0
8	HR-2	X	0	0	0	0
9	HR-3	X	0	0	0	0
10	HR-4	X	0	0	0	0
11	HR-5	X	0	0	0	0
12	HR-6	X	0	0	0	0
13	HR-7	X	0	0	0	0
14	HR-8	X	0	0	0	0
15	HR-9	X	0	0	0	0
16	HR-10	X	0	0	0	0
17	HR-11	X	0	0	0	0
18	HR-12	X	0	0	0	0
19	HR-13	X	0	0	0	0
20	HR-14	X	0	0	0	0
21	HR-15	X	0	0	0	0
22	HR-16	X	0	0	0	0
23	HR-17	X	0	0	0	0
24	HR-18	X	0	0	0	0
25	HR-19	X	0	0	0	0
26	HR-20	X	0	0	0	0
27	HR-21	X	0	0	0	0
28	HR-22	X	0	0	0	0
29	HR-23	X	0	0	0	0
30	HR-24	X	0	0	0	0
31	I.FM-1	X	0	0	0	0
32	I.FM-2	X	0	0	0	0
33	I.FM-3	X	0	0	0	0
34	I.FM-4	X	0	0	0	0
35	I.FM-5	X	0	0	0	0
36	I.FM-6	X	0	0	0	0
37	I.FM-7	X	0	0	0	0
38	I.FM-8	X	0	0	0	0
39	I.FM-9	X	0	0	0	0
40	I.FM-10	X	0	0	0	0
41	I.FM-11	X	0	0	0	0
42	I.FM-12	X	0	0	0	0
43	I.FM-13	X	0	0	0	0
44	I.FM-14	X	0	0	0	0
45	I.FM-15	X	0	0	0	0
46	I.FM-16	X	0	0	0	0
47	I.FM-17	X	0	0	0	0
48	I.FM-18	X	0	0	0	0
49	I.FM-19	X	0	0	0	0
50	I.FM-20	X	0	0	0	0
51	I.FM-21	X	0	0	0	0
52	I.FM-22	X	0	0	0	0
53	I.FM-23	X	0	0	0	0
54	I.FM-24	X	0	0	0	0
55	O.FM-1	X	0	0	0	0
56	O.FM-2	X	0	0	0	0
57	O.FM-3	X	0	0	0	0

Member Distributed Loads (BLC 18 : Wind on Ice (90 deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
58	O.FM-4	X	0	0	0	0
59	O.FM-5	X	0	0	0	0
60	O.FM-6	X	0	0	0	0
61	O.FM-7	X	0	0	0	0
62	O.FM-8	X	0	0	0	0
63	O.FM-9	X	0	0	0	0
64	O.FM-10	X	0	0	0	0
65	O.FM-11	X	0	0	0	0
66	O.FM-12	X	0	0	0	0
67	O.FM-13	X	0	0	0	0
68	O.FM-14	X	0	0	0	0
69	O.FM-15	X	0	0	0	0
70	O.FM-16	X	0	0	0	0
71	O.FM-17	X	0	0	0	0
72	O.FM-18	X	0	0	0	0
73	O.FM-19	X	0	0	0	0
74	O.FM-20	X	0	0	0	0
75	O.FM-21	X	0	0	0	0
76	O.FM-22	X	0	0	0	0
77	O.FM-23	X	0	0	0	0
78	O.FM-24	X	0	0	0	0
79	SA-1	X	0	0	0	0
80	SA-2	X	0	0	0	0
81	SA-3	X	0	0	0	0
82	FM.V-1	Z	2.5	2.5	0	0
83	FM.V-2	Z	2.5	2.5	0	0
84	FM.V-3	Z	2.5	2.5	0	0
85	FM.V-4	Z	2.5	2.5	0	0
86	FM.V-5	Z	2.5	2.5	0	0
87	FM.V-6	Z	2.5	2.5	0	0
88	HR-1	Z	3.5	3.5	0	0
89	HR-2	Z	3.2	3.2	0	0
90	HR-3	Z	2.8	2.8	0	0
91	HR-4	Z	2.1	2.1	0	0
92	HR-5	Z	1.3	1.3	0	0
93	HR-6	Z	.4	.4	0	0
94	HR-7	Z	.5	.5	0	0
95	HR-8	Z	1.4	1.4	0	0
96	HR-9	Z	2.2	2.2	0	0
97	HR-10	Z	2.8	2.8	0	0
98	HR-11	Z	3.3	3.3	0	0
99	HR-12	Z	3.5	3.5	0	0
100	HR-13	Z	3.5	3.5	0	0
101	HR-14	Z	3.2	3.2	0	0
102	HR-15	Z	2.8	2.8	0	0
103	HR-16	Z	2.1	2.1	0	0
104	HR-17	Z	1.3	1.3	0	0
105	HR-18	Z	.4	.4	0	0
106	HR-19	Z	.5	.5	0	0
107	HR-20	Z	1.4	1.4	0	0
108	HR-21	Z	2.2	2.2	0	0
109	HR-22	Z	2.8	2.8	0	0
110	HR-23	Z	3.3	3.3	0	0
111	HR-24	Z	3.5	3.5	0	0
112	I.FM-1	Z	3.5	3.5	0	0
113	I.FM-2	Z	3.2	3.2	0	0
114	I.FM-3	Z	2.8	2.8	0	0

Member Distributed Loads (BLC 18 : Wind on Ice (90 deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
115	I.FM-4	Z	2.1	2.1	0	0
116	I.FM-5	Z	1.3	1.3	0	0
117	I.FM-6	Z	.4	.4	0	0
118	I.FM-7	Z	.5	.5	0	0
119	I.FM-8	Z	1.4	1.4	0	0
120	I.FM-9	Z	2.2	2.2	0	0
121	I.FM-10	Z	2.8	2.8	0	0
122	I.FM-11	Z	3.3	3.3	0	0
123	I.FM-12	Z	3.5	3.5	0	0
124	I.FM-13	Z	3.5	3.5	0	0
125	I.FM-14	Z	3.2	3.2	0	0
126	I.FM-15	Z	2.8	2.8	0	0
127	I.FM-16	Z	2.1	2.1	0	0
128	I.FM-17	Z	1.3	1.3	0	0
129	I.FM-18	Z	.4	.4	0	0
130	I.FM-19	Z	.5	.5	0	0
131	I.FM-20	Z	1.4	1.4	0	0
132	I.FM-21	Z	2.2	2.2	0	0
133	I.FM-22	Z	2.8	2.8	0	0
134	I.FM-23	Z	3.3	3.3	0	0
135	I.FM-24	Z	3.5	3.5	0	0
136	O.FM-1	Z	3.5	3.5	0	0
137	O.FM-2	Z	3.2	3.2	0	0
138	O.FM-3	Z	2.8	2.8	0	0
139	O.FM-4	Z	2.1	2.1	0	0
140	O.FM-5	Z	1.3	1.3	0	0
141	O.FM-6	Z	.4	.4	0	0
142	O.FM-7	Z	.5	.5	0	0
143	O.FM-8	Z	1.4	1.4	0	0
144	O.FM-9	Z	2.2	2.2	0	0
145	O.FM-10	Z	2.8	2.8	0	0
146	O.FM-11	Z	3.3	3.3	0	0
147	O.FM-12	Z	3.5	3.5	0	0
148	O.FM-13	Z	3.5	3.5	0	0
149	O.FM-14	Z	3.2	3.2	0	0
150	O.FM-15	Z	2.8	2.8	0	0
151	O.FM-16	Z	2.1	2.1	0	0
152	O.FM-17	Z	1.3	1.3	0	0
153	O.FM-18	Z	.4	.4	0	0
154	O.FM-19	Z	.5	.5	0	0
155	O.FM-20	Z	1.4	1.4	0	0
156	O.FM-21	Z	2.2	2.2	0	0
157	O.FM-22	Z	2.8	2.8	0	0
158	O.FM-23	Z	3.3	3.3	0	0
159	O.FM-24	Z	3.5	3.5	0	0
160	SA-1	Z	3.5	3.5	0	0
161	SA-2	Z	1.7	1.7	0	0
162	SA-3	Z	1.7	1.7	0	0

Member Distributed Loads (BLC 19 : Wind on Ice (120 deg))

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
1	FM.V-1	X	-1.2	-1.2	0	0
2	FM.V-2	X	-1.2	-1.2	0	0
3	FM.V-3	X	-1.2	-1.2	0	0
4	FM.V-4	X	-1.2	-1.2	0	0
5	FM.V-5	X	-1.2	-1.2	0	0

Member Distributed Loads (BLC 19 : Wind on Ice (120 deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
6	FM.V-6	X	-1.2	-1.2	0	0
7	HR-1	X	-1.6	-1.6	0	0
8	HR-2	X	-1.7	-1.7	0	0
9	HR-3	X	-1.7	-1.7	0	0
10	HR-4	X	-1.6	-1.6	0	0
11	HR-5	X	-1.4	-1.4	0	0
12	HR-6	X	-1.1	-1.1	0	0
13	HR-7	X	-.7	-.7	0	0
14	HR-8	X	-.2	-.2	0	0
15	HR-9	X	-.2	-.2	0	0
16	HR-10	X	-.7	-.7	0	0
17	HR-11	X	-1.1	-1.1	0	0
18	HR-12	X	-1.4	-1.4	0	0
19	HR-13	X	-1.6	-1.6	0	0
20	HR-14	X	-1.7	-1.7	0	0
21	HR-15	X	-1.7	-1.7	0	0
22	HR-16	X	-1.6	-1.6	0	0
23	HR-17	X	-1.4	-1.4	0	0
24	HR-18	X	-1.1	-1.1	0	0
25	HR-19	X	-.7	-.7	0	0
26	HR-20	X	-.2	-.2	0	0
27	HR-21	X	-.2	-.2	0	0
28	HR-22	X	-.7	-.7	0	0
29	HR-23	X	-1.1	-1.1	0	0
30	HR-24	X	-1.4	-1.4	0	0
31	I.FM-1	X	-1.6	-1.6	0	0
32	I.FM-2	X	-1.7	-1.7	0	0
33	I.FM-3	X	-1.7	-1.7	0	0
34	I.FM-4	X	-1.6	-1.6	0	0
35	I.FM-5	X	-1.4	-1.4	0	0
36	I.FM-6	X	-1.1	-1.1	0	0
37	I.FM-7	X	-.7	-.7	0	0
38	I.FM-8	X	-.2	-.2	0	0
39	I.FM-9	X	-.2	-.2	0	0
40	I.FM-10	X	-.7	-.7	0	0
41	I.FM-11	X	-1.1	-1.1	0	0
42	I.FM-12	X	-1.4	-1.4	0	0
43	I.FM-13	X	-1.6	-1.6	0	0
44	I.FM-14	X	-1.7	-1.7	0	0
45	I.FM-15	X	-1.7	-1.7	0	0
46	I.FM-16	X	-1.6	-1.6	0	0
47	I.FM-17	X	-1.4	-1.4	0	0
48	I.FM-18	X	-1.1	-1.1	0	0
49	I.FM-19	X	-.7	-.7	0	0
50	I.FM-20	X	-.2	-.2	0	0
51	I.FM-21	X	-.2	-.2	0	0
52	I.FM-22	X	-.7	-.7	0	0
53	I.FM-23	X	-1.1	-1.1	0	0
54	I.FM-24	X	-1.4	-1.4	0	0
55	O.FM-1	X	-1.6	-1.6	0	0
56	O.FM-2	X	-1.7	-1.7	0	0
57	O.FM-3	X	-1.7	-1.7	0	0
58	O.FM-4	X	-1.6	-1.6	0	0
59	O.FM-5	X	-1.4	-1.4	0	0
60	O.FM-6	X	-1.1	-1.1	0	0
61	O.FM-7	X	-.7	-.7	0	0
62	O.FM-8	X	-.2	-.2	0	0

Member Distributed Loads (BLC 19 : Wind on Ice (120 deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
63	O.FM-9	X	-.2	-.2	0	0
64	O.FM-10	X	-.7	-.7	0	0
65	O.FM-11	X	-1.1	-1.1	0	0
66	O.FM-12	X	-1.4	-1.4	0	0
67	O.FM-13	X	-1.6	-1.6	0	0
68	O.FM-14	X	-1.7	-1.7	0	0
69	O.FM-15	X	-1.7	-1.7	0	0
70	O.FM-16	X	-1.6	-1.6	0	0
71	O.FM-17	X	-1.4	-1.4	0	0
72	O.FM-18	X	-1.1	-1.1	0	0
73	O.FM-19	X	-.7	-.7	0	0
74	O.FM-20	X	-.2	-.2	0	0
75	O.FM-21	X	-.2	-.2	0	0
76	O.FM-22	X	-.7	-.7	0	0
77	O.FM-23	X	-1.1	-1.1	0	0
78	O.FM-24	X	-1.4	-1.4	0	0
79	SA-1	X	-1.5	-1.5	0	0
80	SA-2	X	0	0	0	0
81	SA-3	X	-1.5	-1.5	0	0
82	FM.V-1	Z	2.1	2.1	0	0
83	FM.V-2	Z	2.1	2.1	0	0
84	FM.V-3	Z	2.1	2.1	0	0
85	FM.V-4	Z	2.1	2.1	0	0
86	FM.V-5	Z	2.1	2.1	0	0
87	FM.V-6	Z	2.1	2.1	0	0
88	HR-1	Z	2.8	2.8	0	0
89	HR-2	Z	3	3	0	0
90	HR-3	Z	3	3	0	0
91	HR-4	Z	2.8	2.8	0	0
92	HR-5	Z	2.4	2.4	0	0
93	HR-6	Z	1.8	1.8	0	0
94	HR-7	Z	1.1	1.1	0	0
95	HR-8	Z	.4	.4	0	0
96	HR-9	Z	.4	.4	0	0
97	HR-10	Z	1.2	1.2	0	0
98	HR-11	Z	1.9	1.9	0	0
99	HR-12	Z	2.4	2.4	0	0
100	HR-13	Z	2.8	2.8	0	0
101	HR-14	Z	3	3	0	0
102	HR-15	Z	3	3	0	0
103	HR-16	Z	2.8	2.8	0	0
104	HR-17	Z	2.4	2.4	0	0
105	HR-18	Z	1.8	1.8	0	0
106	HR-19	Z	1.1	1.1	0	0
107	HR-20	Z	.4	.4	0	0
108	HR-21	Z	.4	.4	0	0
109	HR-22	Z	1.2	1.2	0	0
110	HR-23	Z	1.9	1.9	0	0
111	HR-24	Z	2.4	2.4	0	0
112	I.FM-1	Z	2.8	2.8	0	0
113	I.FM-2	Z	3	3	0	0
114	I.FM-3	Z	3	3	0	0
115	I.FM-4	Z	2.8	2.8	0	0
116	I.FM-5	Z	2.4	2.4	0	0
117	I.FM-6	Z	1.8	1.8	0	0
118	I.FM-7	Z	1.1	1.1	0	0
119	I.FM-8	Z	.4	.4	0	0

Member Distributed Loads (BLC 19 : Wind on Ice (120 deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
120	I.FM-9	Z	.4	.4	0	0
121	I.FM-10	Z	1.2	1.2	0	0
122	I.FM-11	Z	1.9	1.9	0	0
123	I.FM-12	Z	2.4	2.4	0	0
124	I.FM-13	Z	2.8	2.8	0	0
125	I.FM-14	Z	3	3	0	0
126	I.FM-15	Z	3	3	0	0
127	I.FM-16	Z	2.8	2.8	0	0
128	I.FM-17	Z	2.4	2.4	0	0
129	I.FM-18	Z	1.8	1.8	0	0
130	I.FM-19	Z	1.1	1.1	0	0
131	I.FM-20	Z	.4	.4	0	0
132	I.FM-21	Z	.4	.4	0	0
133	I.FM-22	Z	1.2	1.2	0	0
134	I.FM-23	Z	1.9	1.9	0	0
135	I.FM-24	Z	2.4	2.4	0	0
136	O.FM-1	Z	2.8	2.8	0	0
137	O.FM-2	Z	3	3	0	0
138	O.FM-3	Z	3	3	0	0
139	O.FM-4	Z	2.8	2.8	0	0
140	O.FM-5	Z	2.4	2.4	0	0
141	O.FM-6	Z	1.8	1.8	0	0
142	O.FM-7	Z	1.1	1.1	0	0
143	O.FM-8	Z	.4	.4	0	0
144	O.FM-9	Z	.4	.4	0	0
145	O.FM-10	Z	1.2	1.2	0	0
146	O.FM-11	Z	1.9	1.9	0	0
147	O.FM-12	Z	2.4	2.4	0	0
148	O.FM-13	Z	2.8	2.8	0	0
149	O.FM-14	Z	3	3	0	0
150	O.FM-15	Z	3	3	0	0
151	O.FM-16	Z	2.8	2.8	0	0
152	O.FM-17	Z	2.4	2.4	0	0
153	O.FM-18	Z	1.8	1.8	0	0
154	O.FM-19	Z	1.1	1.1	0	0
155	O.FM-20	Z	.4	.4	0	0
156	O.FM-21	Z	.4	.4	0	0
157	O.FM-22	Z	1.2	1.2	0	0
158	O.FM-23	Z	1.9	1.9	0	0
159	O.FM-24	Z	2.4	2.4	0	0
160	SA-1	Z	2.6	2.6	0	0
161	SA-2	Z	0	0	0	0
162	SA-3	Z	2.6	2.6	0	0

Member Distributed Loads (BLC 20 : Wind on Ice (150 deg))

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
1	FM.V-1	X	-2.1	-2.1	0	0
2	FM.V-2	X	-2.1	-2.1	0	0
3	FM.V-3	X	-2.1	-2.1	0	0
4	FM.V-4	X	-2.1	-2.1	0	0
5	FM.V-5	X	-2.1	-2.1	0	0
6	FM.V-6	X	-2.1	-2.1	0	0
7	HR-1	X	-1.9	-1.9	0	0
8	HR-2	X	-2.4	-2.4	0	0
9	HR-3	X	-2.8	-2.8	0	0
10	HR-4	X	-3	-3	0	0

Member Distributed Loads (BLC 20 : Wind on Ice (150 deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
11	HR-5	X	-3	-3	0	0
12	HR-6	X	-2.8	-2.8	0	0
13	HR-7	X	-2.4	-2.4	0	0
14	HR-8	X	-1.8	-1.8	0	0
15	HR-9	X	-1.1	-1.1	0	0
16	HR-10	X	-.4	-.4	0	0
17	HR-11	X	-.4	-.4	0	0
18	HR-12	X	-1.2	-1.2	0	0
19	HR-13	X	-1.9	-1.9	0	0
20	HR-14	X	-2.4	-2.4	0	0
21	HR-15	X	-2.8	-2.8	0	0
22	HR-16	X	-3	-3	0	0
23	HR-17	X	-3	-3	0	0
24	HR-18	X	-2.8	-2.8	0	0
25	HR-19	X	-2.4	-2.4	0	0
26	HR-20	X	-1.8	-1.8	0	0
27	HR-21	X	-1.1	-1.1	0	0
28	HR-22	X	-.4	-.4	0	0
29	HR-23	X	-.4	-.4	0	0
30	HR-24	X	-1.2	-1.2	0	0
31	I.FM-1	X	-1.9	-1.9	0	0
32	I.FM-2	X	-2.4	-2.4	0	0
33	I.FM-3	X	-2.8	-2.8	0	0
34	I.FM-4	X	-3	-3	0	0
35	I.FM-5	X	-3	-3	0	0
36	I.FM-6	X	-2.8	-2.8	0	0
37	I.FM-7	X	-2.4	-2.4	0	0
38	I.FM-8	X	-1.8	-1.8	0	0
39	I.FM-9	X	-1.1	-1.1	0	0
40	I.FM-10	X	-.4	-.4	0	0
41	I.FM-11	X	-.4	-.4	0	0
42	I.FM-12	X	-1.2	-1.2	0	0
43	I.FM-13	X	-1.9	-1.9	0	0
44	I.FM-14	X	-2.4	-2.4	0	0
45	I.FM-15	X	-2.8	-2.8	0	0
46	I.FM-16	X	-3	-3	0	0
47	I.FM-17	X	-3	-3	0	0
48	I.FM-18	X	-2.8	-2.8	0	0
49	I.FM-19	X	-2.4	-2.4	0	0
50	I.FM-20	X	-1.8	-1.8	0	0
51	I.FM-21	X	-1.1	-1.1	0	0
52	I.FM-22	X	-.4	-.4	0	0
53	I.FM-23	X	-.4	-.4	0	0
54	I.FM-24	X	-1.2	-1.2	0	0
55	O.FM-1	X	-1.9	-1.9	0	0
56	O.FM-2	X	-2.4	-2.4	0	0
57	O.FM-3	X	-2.8	-2.8	0	0
58	O.FM-4	X	-3	-3	0	0
59	O.FM-5	X	-3	-3	0	0
60	O.FM-6	X	-2.8	-2.8	0	0
61	O.FM-7	X	-2.4	-2.4	0	0
62	O.FM-8	X	-1.8	-1.8	0	0
63	O.FM-9	X	-1.1	-1.1	0	0
64	O.FM-10	X	-.4	-.4	0	0
65	O.FM-11	X	-.4	-.4	0	0
66	O.FM-12	X	-1.2	-1.2	0	0
67	O.FM-13	X	-1.9	-1.9	0	0

Member Distributed Loads (BLC 20 : Wind on Ice (150 deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
68	O.FM-14	X	-2.4	-2.4	0	0
69	O.FM-15	X	-2.8	-2.8	0	0
70	O.FM-16	X	-3	-3	0	0
71	O.FM-17	X	-3	-3	0	0
72	O.FM-18	X	-2.8	-2.8	0	0
73	O.FM-19	X	-2.4	-2.4	0	0
74	O.FM-20	X	-1.8	-1.8	0	0
75	O.FM-21	X	-1.1	-1.1	0	0
76	O.FM-22	X	-.4	-.4	0	0
77	O.FM-23	X	-.4	-.4	0	0
78	O.FM-24	X	-1.2	-1.2	0	0
79	SA-1	X	-1.5	-1.5	0	0
80	SA-2	X	-1.5	-1.5	0	0
81	SA-3	X	-3	-3	0	0
82	FM.V-1	Z	1.2	1.2	0	0
83	FM.V-2	Z	1.2	1.2	0	0
84	FM.V-3	Z	1.2	1.2	0	0
85	FM.V-4	Z	1.2	1.2	0	0
86	FM.V-5	Z	1.2	1.2	0	0
87	FM.V-6	Z	1.2	1.2	0	0
88	HR-1	Z	1.1	1.1	0	0
89	HR-2	Z	1.4	1.4	0	0
90	HR-3	Z	1.6	1.6	0	0
91	HR-4	Z	1.7	1.7	0	0
92	HR-5	Z	1.7	1.7	0	0
93	HR-6	Z	1.6	1.6	0	0
94	HR-7	Z	1.4	1.4	0	0
95	HR-8	Z	1.1	1.1	0	0
96	HR-9	Z	.7	.7	0	0
97	HR-10	Z	.2	.2	0	0
98	HR-11	Z	.2	.2	0	0
99	HR-12	Z	.7	.7	0	0
100	HR-13	Z	1.1	1.1	0	0
101	HR-14	Z	1.4	1.4	0	0
102	HR-15	Z	1.6	1.6	0	0
103	HR-16	Z	1.7	1.7	0	0
104	HR-17	Z	1.7	1.7	0	0
105	HR-18	Z	1.6	1.6	0	0
106	HR-19	Z	1.4	1.4	0	0
107	HR-20	Z	1.1	1.1	0	0
108	HR-21	Z	.7	.7	0	0
109	HR-22	Z	.2	.2	0	0
110	HR-23	Z	.2	.2	0	0
111	HR-24	Z	.7	.7	0	0
112	I.FM-1	Z	1.1	1.1	0	0
113	I.FM-2	Z	1.4	1.4	0	0
114	I.FM-3	Z	1.6	1.6	0	0
115	I.FM-4	Z	1.7	1.7	0	0
116	I.FM-5	Z	1.7	1.7	0	0
117	I.FM-6	Z	1.6	1.6	0	0
118	I.FM-7	Z	1.4	1.4	0	0
119	I.FM-8	Z	1.1	1.1	0	0
120	I.FM-9	Z	.7	.7	0	0
121	I.FM-10	Z	.2	.2	0	0
122	I.FM-11	Z	.2	.2	0	0
123	I.FM-12	Z	.7	.7	0	0
124	I.FM-13	Z	1.1	1.1	0	0

Member Distributed Loads (BLC 20 : Wind on Ice (150 deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
125	I.FM-14	Z	1.4	1.4	0	0
126	I.FM-15	Z	1.6	1.6	0	0
127	I.FM-16	Z	1.7	1.7	0	0
128	I.FM-17	Z	1.7	1.7	0	0
129	I.FM-18	Z	1.6	1.6	0	0
130	I.FM-19	Z	1.4	1.4	0	0
131	I.FM-20	Z	1.1	1.1	0	0
132	I.FM-21	Z	.7	.7	0	0
133	I.FM-22	Z	.2	.2	0	0
134	I.FM-23	Z	.2	.2	0	0
135	I.FM-24	Z	.7	.7	0	0
136	O.FM-1	Z	1.1	1.1	0	0
137	O.FM-2	Z	1.4	1.4	0	0
138	O.FM-3	Z	1.6	1.6	0	0
139	O.FM-4	Z	1.7	1.7	0	0
140	O.FM-5	Z	1.7	1.7	0	0
141	O.FM-6	Z	1.6	1.6	0	0
142	O.FM-7	Z	1.4	1.4	0	0
143	O.FM-8	Z	1.1	1.1	0	0
144	O.FM-9	Z	.7	.7	0	0
145	O.FM-10	Z	.2	.2	0	0
146	O.FM-11	Z	.2	.2	0	0
147	O.FM-12	Z	.7	.7	0	0
148	O.FM-13	Z	1.1	1.1	0	0
149	O.FM-14	Z	1.4	1.4	0	0
150	O.FM-15	Z	1.6	1.6	0	0
151	O.FM-16	Z	1.7	1.7	0	0
152	O.FM-17	Z	1.7	1.7	0	0
153	O.FM-18	Z	1.6	1.6	0	0
154	O.FM-19	Z	1.4	1.4	0	0
155	O.FM-20	Z	1.1	1.1	0	0
156	O.FM-21	Z	.7	.7	0	0
157	O.FM-22	Z	.2	.2	0	0
158	O.FM-23	Z	.2	.2	0	0
159	O.FM-24	Z	.7	.7	0	0
160	SA-1	Z	.9	.9	0	0
161	SA-2	Z	.9	.9	0	0
162	SA-3	Z	1.7	1.7	0	0

Member Distributed Loads (BLC 21 : Wind on Ice (180 deg))

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
1	FM.V-1	X	-2.5	-2.5	0	0
2	FM.V-2	X	-2.5	-2.5	0	0
3	FM.V-3	X	-2.5	-2.5	0	0
4	FM.V-4	X	-2.5	-2.5	0	0
5	FM.V-5	X	-2.5	-2.5	0	0
6	FM.V-6	X	-2.5	-2.5	0	0
7	HR-1	X	-.5	-.5	0	0
8	HR-2	X	-1.4	-1.4	0	0
9	HR-3	X	-2.2	-2.2	0	0
10	HR-4	X	-2.8	-2.8	0	0
11	HR-5	X	-3.3	-3.3	0	0
12	HR-6	X	-3.5	-3.5	0	0
13	HR-7	X	-3.5	-3.5	0	0
14	HR-8	X	-3.2	-3.2	0	0
15	HR-9	X	-2.8	-2.8	0	0

Member Distributed Loads (BLC 21 : Wind on Ice (180 deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
16	HR-10	X	-2.1	-2.1	0	0
17	HR-11	X	-1.3	-1.3	0	0
18	HR-12	X	-.4	-.4	0	0
19	HR-13	X	-.5	-.5	0	0
20	HR-14	X	-1.4	-1.4	0	0
21	HR-15	X	-2.2	-2.2	0	0
22	HR-16	X	-2.8	-2.8	0	0
23	HR-17	X	-3.3	-3.3	0	0
24	HR-18	X	-3.5	-3.5	0	0
25	HR-19	X	-3.5	-3.5	0	0
26	HR-20	X	-3.2	-3.2	0	0
27	HR-21	X	-2.8	-2.8	0	0
28	HR-22	X	-2.1	-2.1	0	0
29	HR-23	X	-1.3	-1.3	0	0
30	HR-24	X	-.4	-.4	0	0
31	I.FM-1	X	-.5	-.5	0	0
32	I.FM-2	X	-1.4	-1.4	0	0
33	I.FM-3	X	-2.2	-2.2	0	0
34	I.FM-4	X	-2.8	-2.8	0	0
35	I.FM-5	X	-3.3	-3.3	0	0
36	I.FM-6	X	-3.5	-3.5	0	0
37	I.FM-7	X	-3.5	-3.5	0	0
38	I.FM-8	X	-3.2	-3.2	0	0
39	I.FM-9	X	-2.8	-2.8	0	0
40	I.FM-10	X	-2.1	-2.1	0	0
41	I.FM-11	X	-1.3	-1.3	0	0
42	I.FM-12	X	-.4	-.4	0	0
43	I.FM-13	X	-.5	-.5	0	0
44	I.FM-14	X	-1.4	-1.4	0	0
45	I.FM-15	X	-2.2	-2.2	0	0
46	I.FM-16	X	-2.8	-2.8	0	0
47	I.FM-17	X	-3.3	-3.3	0	0
48	I.FM-18	X	-3.5	-3.5	0	0
49	I.FM-19	X	-3.5	-3.5	0	0
50	I.FM-20	X	-3.2	-3.2	0	0
51	I.FM-21	X	-2.8	-2.8	0	0
52	I.FM-22	X	-2.1	-2.1	0	0
53	I.FM-23	X	-1.3	-1.3	0	0
54	I.FM-24	X	-.4	-.4	0	0
55	O.FM-1	X	-.5	-.5	0	0
56	O.FM-2	X	-1.4	-1.4	0	0
57	O.FM-3	X	-2.2	-2.2	0	0
58	O.FM-4	X	-2.8	-2.8	0	0
59	O.FM-5	X	-3.3	-3.3	0	0
60	O.FM-6	X	-3.5	-3.5	0	0
61	O.FM-7	X	-3.5	-3.5	0	0
62	O.FM-8	X	-3.2	-3.2	0	0
63	O.FM-9	X	-2.8	-2.8	0	0
64	O.FM-10	X	-2.1	-2.1	0	0
65	O.FM-11	X	-1.3	-1.3	0	0
66	O.FM-12	X	-.4	-.4	0	0
67	O.FM-13	X	-.5	-.5	0	0
68	O.FM-14	X	-1.4	-1.4	0	0
69	O.FM-15	X	-2.2	-2.2	0	0
70	O.FM-16	X	-2.8	-2.8	0	0
71	O.FM-17	X	-3.3	-3.3	0	0
72	O.FM-18	X	-3.5	-3.5	0	0

Member Distributed Loads (BLC 21 : Wind on Ice (180 deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
73	O.FM-19	X	-3.5	-3.5	0	0
74	O.FM-20	X	-3.2	-3.2	0	0
75	O.FM-21	X	-2.8	-2.8	0	0
76	O.FM-22	X	-2.1	-2.1	0	0
77	O.FM-23	X	-1.3	-1.3	0	0
78	O.FM-24	X	-.4	-.4	0	0
79	SA-1	X	0	0	0	0
80	SA-2	X	-3	-3	0	0
81	SA-3	X	-3	-3	0	0
82	FM.V-1	Z	0	0	0	0
83	FM.V-2	Z	0	0	0	0
84	FM.V-3	Z	0	0	0	0
85	FM.V-4	Z	0	0	0	0
86	FM.V-5	Z	0	0	0	0
87	FM.V-6	Z	0	0	0	0
88	HR-1	Z	0	0	0	0
89	HR-2	Z	0	0	0	0
90	HR-3	Z	0	0	0	0
91	HR-4	Z	0	0	0	0
92	HR-5	Z	0	0	0	0
93	HR-6	Z	0	0	0	0
94	HR-7	Z	0	0	0	0
95	HR-8	Z	0	0	0	0
96	HR-9	Z	0	0	0	0
97	HR-10	Z	0	0	0	0
98	HR-11	Z	0	0	0	0
99	HR-12	Z	0	0	0	0
100	HR-13	Z	0	0	0	0
101	HR-14	Z	0	0	0	0
102	HR-15	Z	0	0	0	0
103	HR-16	Z	0	0	0	0
104	HR-17	Z	0	0	0	0
105	HR-18	Z	0	0	0	0
106	HR-19	Z	0	0	0	0
107	HR-20	Z	0	0	0	0
108	HR-21	Z	0	0	0	0
109	HR-22	Z	0	0	0	0
110	HR-23	Z	0	0	0	0
111	HR-24	Z	0	0	0	0
112	I.FM-1	Z	0	0	0	0
113	I.FM-2	Z	0	0	0	0
114	I.FM-3	Z	0	0	0	0
115	I.FM-4	Z	0	0	0	0
116	I.FM-5	Z	0	0	0	0
117	I.FM-6	Z	0	0	0	0
118	I.FM-7	Z	0	0	0	0
119	I.FM-8	Z	0	0	0	0
120	I.FM-9	Z	0	0	0	0
121	I.FM-10	Z	0	0	0	0
122	I.FM-11	Z	0	0	0	0
123	I.FM-12	Z	0	0	0	0
124	I.FM-13	Z	0	0	0	0
125	I.FM-14	Z	0	0	0	0
126	I.FM-15	Z	0	0	0	0
127	I.FM-16	Z	0	0	0	0
128	I.FM-17	Z	0	0	0	0
129	I.FM-18	Z	0	0	0	0

Member Distributed Loads (BLC 21 : Wind on Ice (180 deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
130	I.FM-19	Z	0	0	0	0
131	I.FM-20	Z	0	0	0	0
132	I.FM-21	Z	0	0	0	0
133	I.FM-22	Z	0	0	0	0
134	I.FM-23	Z	0	0	0	0
135	I.FM-24	Z	0	0	0	0
136	O.FM-1	Z	0	0	0	0
137	O.FM-2	Z	0	0	0	0
138	O.FM-3	Z	0	0	0	0
139	O.FM-4	Z	0	0	0	0
140	O.FM-5	Z	0	0	0	0
141	O.FM-6	Z	0	0	0	0
142	O.FM-7	Z	0	0	0	0
143	O.FM-8	Z	0	0	0	0
144	O.FM-9	Z	0	0	0	0
145	O.FM-10	Z	0	0	0	0
146	O.FM-11	Z	0	0	0	0
147	O.FM-12	Z	0	0	0	0
148	O.FM-13	Z	0	0	0	0
149	O.FM-14	Z	0	0	0	0
150	O.FM-15	Z	0	0	0	0
151	O.FM-16	Z	0	0	0	0
152	O.FM-17	Z	0	0	0	0
153	O.FM-18	Z	0	0	0	0
154	O.FM-19	Z	0	0	0	0
155	O.FM-20	Z	0	0	0	0
156	O.FM-21	Z	0	0	0	0
157	O.FM-22	Z	0	0	0	0
158	O.FM-23	Z	0	0	0	0
159	O.FM-24	Z	0	0	0	0
160	SA-1	Z	0	0	0	0
161	SA-2	Z	0	0	0	0
162	SA-3	Z	0	0	0	0

Member Distributed Loads (BLC 22 : Wind on Ice (210 deg))

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
1	FM.V-1	X	-2.1	-2.1	0	0
2	FM.V-2	X	-2.1	-2.1	0	0
3	FM.V-3	X	-2.1	-2.1	0	0
4	FM.V-4	X	-2.1	-2.1	0	0
5	FM.V-5	X	-2.1	-2.1	0	0
6	FM.V-6	X	-2.1	-2.1	0	0
7	HR-1	X	-1.1	-1.1	0	0
8	HR-2	X	-.4	-.4	0	0
9	HR-3	X	-.4	-.4	0	0
10	HR-4	X	-1.2	-1.2	0	0
11	HR-5	X	-1.9	-1.9	0	0
12	HR-6	X	-2.4	-2.4	0	0
13	HR-7	X	-2.8	-2.8	0	0
14	HR-8	X	-3	-3	0	0
15	HR-9	X	-3	-3	0	0
16	HR-10	X	-2.8	-2.8	0	0
17	HR-11	X	-2.4	-2.4	0	0
18	HR-12	X	-1.8	-1.8	0	0
19	HR-13	X	-1.1	-1.1	0	0
20	HR-14	X	-.4	-.4	0	0

Member Distributed Loads (BLC 22 : Wind on Ice (210 deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
21	HR-15	X	-.4	-.4	0	0
22	HR-16	X	-1.2	-1.2	0	0
23	HR-17	X	-1.9	-1.9	0	0
24	HR-18	X	-2.4	-2.4	0	0
25	HR-19	X	-2.8	-2.8	0	0
26	HR-20	X	-3	-3	0	0
27	HR-21	X	-3	-3	0	0
28	HR-22	X	-2.8	-2.8	0	0
29	HR-23	X	-2.4	-2.4	0	0
30	HR-24	X	-1.8	-1.8	0	0
31	I.FM-1	X	-1.1	-1.1	0	0
32	I.FM-2	X	-.4	-.4	0	0
33	I.FM-3	X	-.4	-.4	0	0
34	I.FM-4	X	-1.2	-1.2	0	0
35	I.FM-5	X	-1.9	-1.9	0	0
36	I.FM-6	X	-2.4	-2.4	0	0
37	I.FM-7	X	-2.8	-2.8	0	0
38	I.FM-8	X	-3	-3	0	0
39	I.FM-9	X	-3	-3	0	0
40	I.FM-10	X	-2.8	-2.8	0	0
41	I.FM-11	X	-2.4	-2.4	0	0
42	I.FM-12	X	-1.8	-1.8	0	0
43	I.FM-13	X	-1.1	-1.1	0	0
44	I.FM-14	X	-.4	-.4	0	0
45	I.FM-15	X	-.4	-.4	0	0
46	I.FM-16	X	-1.2	-1.2	0	0
47	I.FM-17	X	-1.9	-1.9	0	0
48	I.FM-18	X	-2.4	-2.4	0	0
49	I.FM-19	X	-2.8	-2.8	0	0
50	I.FM-20	X	-3	-3	0	0
51	I.FM-21	X	-3	-3	0	0
52	I.FM-22	X	-2.8	-2.8	0	0
53	I.FM-23	X	-2.4	-2.4	0	0
54	I.FM-24	X	-1.8	-1.8	0	0
55	O.FM-1	X	-1.1	-1.1	0	0
56	O.FM-2	X	-.4	-.4	0	0
57	O.FM-3	X	-.4	-.4	0	0
58	O.FM-4	X	-1.2	-1.2	0	0
59	O.FM-5	X	-1.9	-1.9	0	0
60	O.FM-6	X	-2.4	-2.4	0	0
61	O.FM-7	X	-2.8	-2.8	0	0
62	O.FM-8	X	-3	-3	0	0
63	O.FM-9	X	-3	-3	0	0
64	O.FM-10	X	-2.8	-2.8	0	0
65	O.FM-11	X	-2.4	-2.4	0	0
66	O.FM-12	X	-1.8	-1.8	0	0
67	O.FM-13	X	-1.1	-1.1	0	0
68	O.FM-14	X	-.4	-.4	0	0
69	O.FM-15	X	-.4	-.4	0	0
70	O.FM-16	X	-1.2	-1.2	0	0
71	O.FM-17	X	-1.9	-1.9	0	0
72	O.FM-18	X	-2.4	-2.4	0	0
73	O.FM-19	X	-2.8	-2.8	0	0
74	O.FM-20	X	-3	-3	0	0
75	O.FM-21	X	-3	-3	0	0
76	O.FM-22	X	-2.8	-2.8	0	0
77	O.FM-23	X	-2.4	-2.4	0	0

Member Distributed Loads (BLC 22 : Wind on Ice (210 deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
78	O.FM-24	X	-1.8	-1.8	0	0
79	SA-1	X	-1.5	-1.5	0	0
80	SA-2	X	-3	-3	0	0
81	SA-3	X	-1.5	-1.5	0	0
82	FM.V-1	Z	-1.2	-1.2	0	0
83	FM.V-2	Z	-1.2	-1.2	0	0
84	FM.V-3	Z	-1.2	-1.2	0	0
85	FM.V-4	Z	-1.2	-1.2	0	0
86	FM.V-5	Z	-1.2	-1.2	0	0
87	FM.V-6	Z	-1.2	-1.2	0	0
88	HR-1	Z	-.7	-.7	0	0
89	HR-2	Z	-.2	-.2	0	0
90	HR-3	Z	-.2	-.2	0	0
91	HR-4	Z	-.7	-.7	0	0
92	HR-5	Z	-1.1	-1.1	0	0
93	HR-6	Z	-1.4	-1.4	0	0
94	HR-7	Z	-1.6	-1.6	0	0
95	HR-8	Z	-1.7	-1.7	0	0
96	HR-9	Z	-1.7	-1.7	0	0
97	HR-10	Z	-1.6	-1.6	0	0
98	HR-11	Z	-1.4	-1.4	0	0
99	HR-12	Z	-1.1	-1.1	0	0
100	HR-13	Z	-.7	-.7	0	0
101	HR-14	Z	-.2	-.2	0	0
102	HR-15	Z	-.2	-.2	0	0
103	HR-16	Z	-.7	-.7	0	0
104	HR-17	Z	-1.1	-1.1	0	0
105	HR-18	Z	-1.4	-1.4	0	0
106	HR-19	Z	-1.6	-1.6	0	0
107	HR-20	Z	-1.7	-1.7	0	0
108	HR-21	Z	-1.7	-1.7	0	0
109	HR-22	Z	-1.6	-1.6	0	0
110	HR-23	Z	-1.4	-1.4	0	0
111	HR-24	Z	-1.1	-1.1	0	0
112	I.FM-1	Z	-.7	-.7	0	0
113	I.FM-2	Z	-.2	-.2	0	0
114	I.FM-3	Z	-.2	-.2	0	0
115	I.FM-4	Z	-.7	-.7	0	0
116	I.FM-5	Z	-1.1	-1.1	0	0
117	I.FM-6	Z	-1.4	-1.4	0	0
118	I.FM-7	Z	-1.6	-1.6	0	0
119	I.FM-8	Z	-1.7	-1.7	0	0
120	I.FM-9	Z	-1.7	-1.7	0	0
121	I.FM-10	Z	-1.6	-1.6	0	0
122	I.FM-11	Z	-1.4	-1.4	0	0
123	I.FM-12	Z	-1.1	-1.1	0	0
124	I.FM-13	Z	-.7	-.7	0	0
125	I.FM-14	Z	-.2	-.2	0	0
126	I.FM-15	Z	-.2	-.2	0	0
127	I.FM-16	Z	-.7	-.7	0	0
128	I.FM-17	Z	-1.1	-1.1	0	0
129	I.FM-18	Z	-1.4	-1.4	0	0
130	I.FM-19	Z	-1.6	-1.6	0	0
131	I.FM-20	Z	-1.7	-1.7	0	0
132	I.FM-21	Z	-1.7	-1.7	0	0
133	I.FM-22	Z	-1.6	-1.6	0	0
134	I.FM-23	Z	-1.4	-1.4	0	0

Member Distributed Loads (BLC 22 : Wind on Ice (210 deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
135	I.FM-24	Z	-1.1	-1.1	0	0
136	O.FM-1	Z	-.7	-.7	0	0
137	O.FM-2	Z	-.2	-.2	0	0
138	O.FM-3	Z	-.2	-.2	0	0
139	O.FM-4	Z	-.7	-.7	0	0
140	O.FM-5	Z	-1.1	-1.1	0	0
141	O.FM-6	Z	-1.4	-1.4	0	0
142	O.FM-7	Z	-1.6	-1.6	0	0
143	O.FM-8	Z	-1.7	-1.7	0	0
144	O.FM-9	Z	-1.7	-1.7	0	0
145	O.FM-10	Z	-1.6	-1.6	0	0
146	O.FM-11	Z	-1.4	-1.4	0	0
147	O.FM-12	Z	-1.1	-1.1	0	0
148	O.FM-13	Z	-.7	-.7	0	0
149	O.FM-14	Z	-.2	-.2	0	0
150	O.FM-15	Z	-.2	-.2	0	0
151	O.FM-16	Z	-.7	-.7	0	0
152	O.FM-17	Z	-1.1	-1.1	0	0
153	O.FM-18	Z	-1.4	-1.4	0	0
154	O.FM-19	Z	-1.6	-1.6	0	0
155	O.FM-20	Z	-1.7	-1.7	0	0
156	O.FM-21	Z	-1.7	-1.7	0	0
157	O.FM-22	Z	-1.6	-1.6	0	0
158	O.FM-23	Z	-1.4	-1.4	0	0
159	O.FM-24	Z	-1.1	-1.1	0	0
160	SA-1	Z	-.9	-.9	0	0
161	SA-2	Z	-1.7	-1.7	0	0
162	SA-3	Z	-.9	-.9	0	0

Member Distributed Loads (BLC 23 : Wind on Ice (240 deg))

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
1	FM.V-1	X	-1.2	-1.2	0	0
2	FM.V-2	X	-1.2	-1.2	0	0
3	FM.V-3	X	-1.2	-1.2	0	0
4	FM.V-4	X	-1.2	-1.2	0	0
5	FM.V-5	X	-1.2	-1.2	0	0
6	FM.V-6	X	-1.2	-1.2	0	0
7	HR-1	X	-1.4	-1.4	0	0
8	HR-2	X	-1.1	-1.1	0	0
9	HR-3	X	-.7	-.7	0	0
10	HR-4	X	-.2	-.2	0	0
11	HR-5	X	-.2	-.2	0	0
12	HR-6	X	-.7	-.7	0	0
13	HR-7	X	-1.1	-1.1	0	0
14	HR-8	X	-1.4	-1.4	0	0
15	HR-9	X	-1.6	-1.6	0	0
16	HR-10	X	-1.7	-1.7	0	0
17	HR-11	X	-1.7	-1.7	0	0
18	HR-12	X	-1.6	-1.6	0	0
19	HR-13	X	-1.4	-1.4	0	0
20	HR-14	X	-1.1	-1.1	0	0
21	HR-15	X	-.7	-.7	0	0
22	HR-16	X	-.2	-.2	0	0
23	HR-17	X	-.2	-.2	0	0
24	HR-18	X	-.7	-.7	0	0
25	HR-19	X	-1.1	-1.1	0	0

Member Distributed Loads (BLC 23 : Wind on Ice (240 deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
26	HR-20	X	-1.4	-1.4	0	0
27	HR-21	X	-1.6	-1.6	0	0
28	HR-22	X	-1.7	-1.7	0	0
29	HR-23	X	-1.7	-1.7	0	0
30	HR-24	X	-1.6	-1.6	0	0
31	I.FM-1	X	-1.4	-1.4	0	0
32	I.FM-2	X	-1.1	-1.1	0	0
33	I.FM-3	X	-.7	-.7	0	0
34	I.FM-4	X	-.2	-.2	0	0
35	I.FM-5	X	-.2	-.2	0	0
36	I.FM-6	X	-.7	-.7	0	0
37	I.FM-7	X	-1.1	-1.1	0	0
38	I.FM-8	X	-1.4	-1.4	0	0
39	I.FM-9	X	-1.6	-1.6	0	0
40	I.FM-10	X	-1.7	-1.7	0	0
41	I.FM-11	X	-1.7	-1.7	0	0
42	I.FM-12	X	-1.6	-1.6	0	0
43	I.FM-13	X	-1.4	-1.4	0	0
44	I.FM-14	X	-1.1	-1.1	0	0
45	I.FM-15	X	-.7	-.7	0	0
46	I.FM-16	X	-.2	-.2	0	0
47	I.FM-17	X	-.2	-.2	0	0
48	I.FM-18	X	-.7	-.7	0	0
49	I.FM-19	X	-1.1	-1.1	0	0
50	I.FM-20	X	-1.4	-1.4	0	0
51	I.FM-21	X	-1.6	-1.6	0	0
52	I.FM-22	X	-1.7	-1.7	0	0
53	I.FM-23	X	-1.7	-1.7	0	0
54	I.FM-24	X	-1.6	-1.6	0	0
55	O.FM-1	X	-1.4	-1.4	0	0
56	O.FM-2	X	-1.1	-1.1	0	0
57	O.FM-3	X	-.7	-.7	0	0
58	O.FM-4	X	-.2	-.2	0	0
59	O.FM-5	X	-.2	-.2	0	0
60	O.FM-6	X	-.7	-.7	0	0
61	O.FM-7	X	-1.1	-1.1	0	0
62	O.FM-8	X	-1.4	-1.4	0	0
63	O.FM-9	X	-1.6	-1.6	0	0
64	O.FM-10	X	-1.7	-1.7	0	0
65	O.FM-11	X	-1.7	-1.7	0	0
66	O.FM-12	X	-1.6	-1.6	0	0
67	O.FM-13	X	-1.4	-1.4	0	0
68	O.FM-14	X	-1.1	-1.1	0	0
69	O.FM-15	X	-.7	-.7	0	0
70	O.FM-16	X	-.2	-.2	0	0
71	O.FM-17	X	-.2	-.2	0	0
72	O.FM-18	X	-.7	-.7	0	0
73	O.FM-19	X	-1.1	-1.1	0	0
74	O.FM-20	X	-1.4	-1.4	0	0
75	O.FM-21	X	-1.6	-1.6	0	0
76	O.FM-22	X	-1.7	-1.7	0	0
77	O.FM-23	X	-1.7	-1.7	0	0
78	O.FM-24	X	-1.6	-1.6	0	0
79	SA-1	X	-1.5	-1.5	0	0
80	SA-2	X	-1.5	-1.5	0	0
81	SA-3	X	0	0	0	0
82	FM.V-1	Z	-2.1	-2.1	0	0

Member Distributed Loads (BLC 23 : Wind on Ice (240 deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
83	FM.V-2	Z	-2.1	-2.1	0	0
84	FM.V-3	Z	-2.1	-2.1	0	0
85	FM.V-4	Z	-2.1	-2.1	0	0
86	FM.V-5	Z	-2.1	-2.1	0	0
87	FM.V-6	Z	-2.1	-2.1	0	0
88	HR-1	Z	-2.4	-2.4	0	0
89	HR-2	Z	-1.8	-1.8	0	0
90	HR-3	Z	-1.1	-1.1	0	0
91	HR-4	Z	-.4	-.4	0	0
92	HR-5	Z	-.4	-.4	0	0
93	HR-6	Z	-1.2	-1.2	0	0
94	HR-7	Z	-1.9	-1.9	0	0
95	HR-8	Z	-2.4	-2.4	0	0
96	HR-9	Z	-2.8	-2.8	0	0
97	HR-10	Z	-3	-3	0	0
98	HR-11	Z	-3	-3	0	0
99	HR-12	Z	-2.8	-2.8	0	0
100	HR-13	Z	-2.4	-2.4	0	0
101	HR-14	Z	-1.8	-1.8	0	0
102	HR-15	Z	-1.1	-1.1	0	0
103	HR-16	Z	-.4	-.4	0	0
104	HR-17	Z	-.4	-.4	0	0
105	HR-18	Z	-1.2	-1.2	0	0
106	HR-19	Z	-1.9	-1.9	0	0
107	HR-20	Z	-2.4	-2.4	0	0
108	HR-21	Z	-2.8	-2.8	0	0
109	HR-22	Z	-3	-3	0	0
110	HR-23	Z	-3	-3	0	0
111	HR-24	Z	-2.8	-2.8	0	0
112	I.FM-1	Z	-2.4	-2.4	0	0
113	I.FM-2	Z	-1.8	-1.8	0	0
114	I.FM-3	Z	-1.1	-1.1	0	0
115	I.FM-4	Z	-.4	-.4	0	0
116	I.FM-5	Z	-.4	-.4	0	0
117	I.FM-6	Z	-1.2	-1.2	0	0
118	I.FM-7	Z	-1.9	-1.9	0	0
119	I.FM-8	Z	-2.4	-2.4	0	0
120	I.FM-9	Z	-2.8	-2.8	0	0
121	I.FM-10	Z	-3	-3	0	0
122	I.FM-11	Z	-3	-3	0	0
123	I.FM-12	Z	-2.8	-2.8	0	0
124	I.FM-13	Z	-2.4	-2.4	0	0
125	I.FM-14	Z	-1.8	-1.8	0	0
126	I.FM-15	Z	-1.1	-1.1	0	0
127	I.FM-16	Z	-.4	-.4	0	0
128	I.FM-17	Z	-.4	-.4	0	0
129	I.FM-18	Z	-1.2	-1.2	0	0
130	I.FM-19	Z	-1.9	-1.9	0	0
131	I.FM-20	Z	-2.4	-2.4	0	0
132	I.FM-21	Z	-2.8	-2.8	0	0
133	I.FM-22	Z	-3	-3	0	0
134	I.FM-23	Z	-3	-3	0	0
135	I.FM-24	Z	-2.8	-2.8	0	0
136	O.FM-1	Z	-2.4	-2.4	0	0
137	O.FM-2	Z	-1.8	-1.8	0	0
138	O.FM-3	Z	-1.1	-1.1	0	0
139	O.FM-4	Z	-.4	-.4	0	0

Member Distributed Loads (BLC 23 : Wind on Ice (240 deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
140	O.FM-5	Z	-.4	-.4	0	0
141	O.FM-6	Z	-1.2	-1.2	0	0
142	O.FM-7	Z	-1.9	-1.9	0	0
143	O.FM-8	Z	-2.4	-2.4	0	0
144	O.FM-9	Z	-2.8	-2.8	0	0
145	O.FM-10	Z	-3	-3	0	0
146	O.FM-11	Z	-3	-3	0	0
147	O.FM-12	Z	-2.8	-2.8	0	0
148	O.FM-13	Z	-2.4	-2.4	0	0
149	O.FM-14	Z	-1.8	-1.8	0	0
150	O.FM-15	Z	-1.1	-1.1	0	0
151	O.FM-16	Z	-.4	-.4	0	0
152	O.FM-17	Z	-.4	-.4	0	0
153	O.FM-18	Z	-1.2	-1.2	0	0
154	O.FM-19	Z	-1.9	-1.9	0	0
155	O.FM-20	Z	-2.4	-2.4	0	0
156	O.FM-21	Z	-2.8	-2.8	0	0
157	O.FM-22	Z	-3	-3	0	0
158	O.FM-23	Z	-3	-3	0	0
159	O.FM-24	Z	-2.8	-2.8	0	0
160	SA-1	Z	-2.6	-2.6	0	0
161	SA-2	Z	-2.6	-2.6	0	0
162	SA-3	Z	0	0	0	0

Member Distributed Loads (BLC 24 : Wind on Ice (270 deg))

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
1	FM.V-1	X	0	0	0	0
2	FM.V-2	X	0	0	0	0
3	FM.V-3	X	0	0	0	0
4	FM.V-4	X	0	0	0	0
5	FM.V-5	X	0	0	0	0
6	FM.V-6	X	0	0	0	0
7	HR-1	X	0	0	0	0
8	HR-2	X	0	0	0	0
9	HR-3	X	0	0	0	0
10	HR-4	X	0	0	0	0
11	HR-5	X	0	0	0	0
12	HR-6	X	0	0	0	0
13	HR-7	X	0	0	0	0
14	HR-8	X	0	0	0	0
15	HR-9	X	0	0	0	0
16	HR-10	X	0	0	0	0
17	HR-11	X	0	0	0	0
18	HR-12	X	0	0	0	0
19	HR-13	X	0	0	0	0
20	HR-14	X	0	0	0	0
21	HR-15	X	0	0	0	0
22	HR-16	X	0	0	0	0
23	HR-17	X	0	0	0	0
24	HR-18	X	0	0	0	0
25	HR-19	X	0	0	0	0
26	HR-20	X	0	0	0	0
27	HR-21	X	0	0	0	0
28	HR-22	X	0	0	0	0
29	HR-23	X	0	0	0	0
30	HR-24	X	0	0	0	0

Member Distributed Loads (BLC 24 : Wind on Ice (270 deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
31	I.FM-1	X	0	0	0	0
32	I.FM-2	X	0	0	0	0
33	I.FM-3	X	0	0	0	0
34	I.FM-4	X	0	0	0	0
35	I.FM-5	X	0	0	0	0
36	I.FM-6	X	0	0	0	0
37	I.FM-7	X	0	0	0	0
38	I.FM-8	X	0	0	0	0
39	I.FM-9	X	0	0	0	0
40	I.FM-10	X	0	0	0	0
41	I.FM-11	X	0	0	0	0
42	I.FM-12	X	0	0	0	0
43	I.FM-13	X	0	0	0	0
44	I.FM-14	X	0	0	0	0
45	I.FM-15	X	0	0	0	0
46	I.FM-16	X	0	0	0	0
47	I.FM-17	X	0	0	0	0
48	I.FM-18	X	0	0	0	0
49	I.FM-19	X	0	0	0	0
50	I.FM-20	X	0	0	0	0
51	I.FM-21	X	0	0	0	0
52	I.FM-22	X	0	0	0	0
53	I.FM-23	X	0	0	0	0
54	I.FM-24	X	0	0	0	0
55	O.FM-1	X	0	0	0	0
56	O.FM-2	X	0	0	0	0
57	O.FM-3	X	0	0	0	0
58	O.FM-4	X	0	0	0	0
59	O.FM-5	X	0	0	0	0
60	O.FM-6	X	0	0	0	0
61	O.FM-7	X	0	0	0	0
62	O.FM-8	X	0	0	0	0
63	O.FM-9	X	0	0	0	0
64	O.FM-10	X	0	0	0	0
65	O.FM-11	X	0	0	0	0
66	O.FM-12	X	0	0	0	0
67	O.FM-13	X	0	0	0	0
68	O.FM-14	X	0	0	0	0
69	O.FM-15	X	0	0	0	0
70	O.FM-16	X	0	0	0	0
71	O.FM-17	X	0	0	0	0
72	O.FM-18	X	0	0	0	0
73	O.FM-19	X	0	0	0	0
74	O.FM-20	X	0	0	0	0
75	O.FM-21	X	0	0	0	0
76	O.FM-22	X	0	0	0	0
77	O.FM-23	X	0	0	0	0
78	O.FM-24	X	0	0	0	0
79	SA-1	X	0	0	0	0
80	SA-2	X	0	0	0	0
81	SA-3	X	0	0	0	0
82	FM.V-1	Z	-2.5	-2.5	0	0
83	FM.V-2	Z	-2.5	-2.5	0	0
84	FM.V-3	Z	-2.5	-2.5	0	0
85	FM.V-4	Z	-2.5	-2.5	0	0
86	FM.V-5	Z	-2.5	-2.5	0	0
87	FM.V-6	Z	-2.5	-2.5	0	0

Member Distributed Loads (BLC 24 : Wind on Ice (270 deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
88	HR-1	Z	-3.5	-3.5	0	0
89	HR-2	Z	-3.2	-3.2	0	0
90	HR-3	Z	-2.8	-2.8	0	0
91	HR-4	Z	-2.1	-2.1	0	0
92	HR-5	Z	-1.3	-1.3	0	0
93	HR-6	Z	-.4	-.4	0	0
94	HR-7	Z	-.5	-.5	0	0
95	HR-8	Z	-1.4	-1.4	0	0
96	HR-9	Z	-2.2	-2.2	0	0
97	HR-10	Z	-2.8	-2.8	0	0
98	HR-11	Z	-3.3	-3.3	0	0
99	HR-12	Z	-3.5	-3.5	0	0
100	HR-13	Z	-3.5	-3.5	0	0
101	HR-14	Z	-3.2	-3.2	0	0
102	HR-15	Z	-2.8	-2.8	0	0
103	HR-16	Z	-2.1	-2.1	0	0
104	HR-17	Z	-1.3	-1.3	0	0
105	HR-18	Z	-.4	-.4	0	0
106	HR-19	Z	-.5	-.5	0	0
107	HR-20	Z	-1.4	-1.4	0	0
108	HR-21	Z	-2.2	-2.2	0	0
109	HR-22	Z	-2.8	-2.8	0	0
110	HR-23	Z	-3.3	-3.3	0	0
111	HR-24	Z	-3.5	-3.5	0	0
112	I.FM-1	Z	-3.5	-3.5	0	0
113	I.FM-2	Z	-3.2	-3.2	0	0
114	I.FM-3	Z	-2.8	-2.8	0	0
115	I.FM-4	Z	-2.1	-2.1	0	0
116	I.FM-5	Z	-1.3	-1.3	0	0
117	I.FM-6	Z	-.4	-.4	0	0
118	I.FM-7	Z	-.5	-.5	0	0
119	I.FM-8	Z	-1.4	-1.4	0	0
120	I.FM-9	Z	-2.2	-2.2	0	0
121	I.FM-10	Z	-2.8	-2.8	0	0
122	I.FM-11	Z	-3.3	-3.3	0	0
123	I.FM-12	Z	-3.5	-3.5	0	0
124	I.FM-13	Z	-3.5	-3.5	0	0
125	I.FM-14	Z	-3.2	-3.2	0	0
126	I.FM-15	Z	-2.8	-2.8	0	0
127	I.FM-16	Z	-2.1	-2.1	0	0
128	I.FM-17	Z	-1.3	-1.3	0	0
129	I.FM-18	Z	-.4	-.4	0	0
130	I.FM-19	Z	-.5	-.5	0	0
131	I.FM-20	Z	-1.4	-1.4	0	0
132	I.FM-21	Z	-2.2	-2.2	0	0
133	I.FM-22	Z	-2.8	-2.8	0	0
134	I.FM-23	Z	-3.3	-3.3	0	0
135	I.FM-24	Z	-3.5	-3.5	0	0
136	O.FM-1	Z	-3.5	-3.5	0	0
137	O.FM-2	Z	-3.2	-3.2	0	0
138	O.FM-3	Z	-2.8	-2.8	0	0
139	O.FM-4	Z	-2.1	-2.1	0	0
140	O.FM-5	Z	-1.3	-1.3	0	0
141	O.FM-6	Z	-.4	-.4	0	0
142	O.FM-7	Z	-.5	-.5	0	0
143	O.FM-8	Z	-1.4	-1.4	0	0
144	O.FM-9	Z	-2.2	-2.2	0	0

Member Distributed Loads (BLC 24 : Wind on Ice (270 deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
145	O.FM-10	Z	-2.8	-2.8	0	0
146	O.FM-11	Z	-3.3	-3.3	0	0
147	O.FM-12	Z	-3.5	-3.5	0	0
148	O.FM-13	Z	-3.5	-3.5	0	0
149	O.FM-14	Z	-3.2	-3.2	0	0
150	O.FM-15	Z	-2.8	-2.8	0	0
151	O.FM-16	Z	-2.1	-2.1	0	0
152	O.FM-17	Z	-1.3	-1.3	0	0
153	O.FM-18	Z	-.4	-.4	0	0
154	O.FM-19	Z	-.5	-.5	0	0
155	O.FM-20	Z	-1.4	-1.4	0	0
156	O.FM-21	Z	-2.2	-2.2	0	0
157	O.FM-22	Z	-2.8	-2.8	0	0
158	O.FM-23	Z	-3.3	-3.3	0	0
159	O.FM-24	Z	-3.5	-3.5	0	0
160	SA-1	Z	-3.5	-3.5	0	0
161	SA-2	Z	-1.7	-1.7	0	0
162	SA-3	Z	-1.7	-1.7	0	0

Member Distributed Loads (BLC 25 : Wind on Ice (300 deg))

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
1	FM.V-1	X	1.2	1.2	0	0
2	FM.V-2	X	1.2	1.2	0	0
3	FM.V-3	X	1.2	1.2	0	0
4	FM.V-4	X	1.2	1.2	0	0
5	FM.V-5	X	1.2	1.2	0	0
6	FM.V-6	X	1.2	1.2	0	0
7	HR-1	X	1.6	1.6	0	0
8	HR-2	X	1.7	1.7	0	0
9	HR-3	X	1.7	1.7	0	0
10	HR-4	X	1.6	1.6	0	0
11	HR-5	X	1.4	1.4	0	0
12	HR-6	X	1.1	1.1	0	0
13	HR-7	X	.7	.7	0	0
14	HR-8	X	.2	.2	0	0
15	HR-9	X	.2	.2	0	0
16	HR-10	X	.7	.7	0	0
17	HR-11	X	1.1	1.1	0	0
18	HR-12	X	1.4	1.4	0	0
19	HR-13	X	1.6	1.6	0	0
20	HR-14	X	1.7	1.7	0	0
21	HR-15	X	1.7	1.7	0	0
22	HR-16	X	1.6	1.6	0	0
23	HR-17	X	1.4	1.4	0	0
24	HR-18	X	1.1	1.1	0	0
25	HR-19	X	.7	.7	0	0
26	HR-20	X	.2	.2	0	0
27	HR-21	X	.2	.2	0	0
28	HR-22	X	.7	.7	0	0
29	HR-23	X	1.1	1.1	0	0
30	HR-24	X	1.4	1.4	0	0
31	I.FM-1	X	1.6	1.6	0	0
32	I.FM-2	X	1.7	1.7	0	0
33	I.FM-3	X	1.7	1.7	0	0
34	I.FM-4	X	1.6	1.6	0	0
35	I.FM-5	X	1.4	1.4	0	0

Member Distributed Loads (BLC 25 : Wind on Ice (300 deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
36	I.FM-6	X	1.1	1.1	0	0
37	I.FM-7	X	.7	.7	0	0
38	I.FM-8	X	.2	.2	0	0
39	I.FM-9	X	.2	.2	0	0
40	I.FM-10	X	.7	.7	0	0
41	I.FM-11	X	1.1	1.1	0	0
42	I.FM-12	X	1.4	1.4	0	0
43	I.FM-13	X	1.6	1.6	0	0
44	I.FM-14	X	1.7	1.7	0	0
45	I.FM-15	X	1.7	1.7	0	0
46	I.FM-16	X	1.6	1.6	0	0
47	I.FM-17	X	1.4	1.4	0	0
48	I.FM-18	X	1.1	1.1	0	0
49	I.FM-19	X	.7	.7	0	0
50	I.FM-20	X	.2	.2	0	0
51	I.FM-21	X	.2	.2	0	0
52	I.FM-22	X	.7	.7	0	0
53	I.FM-23	X	1.1	1.1	0	0
54	I.FM-24	X	1.4	1.4	0	0
55	O.FM-1	X	1.6	1.6	0	0
56	O.FM-2	X	1.7	1.7	0	0
57	O.FM-3	X	1.7	1.7	0	0
58	O.FM-4	X	1.6	1.6	0	0
59	O.FM-5	X	1.4	1.4	0	0
60	O.FM-6	X	1.1	1.1	0	0
61	O.FM-7	X	.7	.7	0	0
62	O.FM-8	X	.2	.2	0	0
63	O.FM-9	X	.2	.2	0	0
64	O.FM-10	X	.7	.7	0	0
65	O.FM-11	X	1.1	1.1	0	0
66	O.FM-12	X	1.4	1.4	0	0
67	O.FM-13	X	1.6	1.6	0	0
68	O.FM-14	X	1.7	1.7	0	0
69	O.FM-15	X	1.7	1.7	0	0
70	O.FM-16	X	1.6	1.6	0	0
71	O.FM-17	X	1.4	1.4	0	0
72	O.FM-18	X	1.1	1.1	0	0
73	O.FM-19	X	.7	.7	0	0
74	O.FM-20	X	.2	.2	0	0
75	O.FM-21	X	.2	.2	0	0
76	O.FM-22	X	.7	.7	0	0
77	O.FM-23	X	1.1	1.1	0	0
78	O.FM-24	X	1.4	1.4	0	0
79	SA-1	X	1.5	1.5	0	0
80	SA-2	X	0	0	0	0
81	SA-3	X	1.5	1.5	0	0
82	FM.V-1	Z	-2.1	-2.1	0	0
83	FM.V-2	Z	-2.1	-2.1	0	0
84	FM.V-3	Z	-2.1	-2.1	0	0
85	FM.V-4	Z	-2.1	-2.1	0	0
86	FM.V-5	Z	-2.1	-2.1	0	0
87	FM.V-6	Z	-2.1	-2.1	0	0
88	HR-1	Z	-2.8	-2.8	0	0
89	HR-2	Z	-3	-3	0	0
90	HR-3	Z	-3	-3	0	0
91	HR-4	Z	-2.8	-2.8	0	0
92	HR-5	Z	-2.4	-2.4	0	0

Member Distributed Loads (BLC 25 : Wind on Ice (300 deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
93	HR-6	Z	-1.8	-1.8	0	0
94	HR-7	Z	-1.1	-1.1	0	0
95	HR-8	Z	-.4	-.4	0	0
96	HR-9	Z	-.4	-.4	0	0
97	HR-10	Z	-1.2	-1.2	0	0
98	HR-11	Z	-1.9	-1.9	0	0
99	HR-12	Z	-2.4	-2.4	0	0
100	HR-13	Z	-2.8	-2.8	0	0
101	HR-14	Z	-3	-3	0	0
102	HR-15	Z	-3	-3	0	0
103	HR-16	Z	-2.8	-2.8	0	0
104	HR-17	Z	-2.4	-2.4	0	0
105	HR-18	Z	-1.8	-1.8	0	0
106	HR-19	Z	-1.1	-1.1	0	0
107	HR-20	Z	-.4	-.4	0	0
108	HR-21	Z	-.4	-.4	0	0
109	HR-22	Z	-1.2	-1.2	0	0
110	HR-23	Z	-1.9	-1.9	0	0
111	HR-24	Z	-2.4	-2.4	0	0
112	I.FM-1	Z	-2.8	-2.8	0	0
113	I.FM-2	Z	-3	-3	0	0
114	I.FM-3	Z	-3	-3	0	0
115	I.FM-4	Z	-2.8	-2.8	0	0
116	I.FM-5	Z	-2.4	-2.4	0	0
117	I.FM-6	Z	-1.8	-1.8	0	0
118	I.FM-7	Z	-1.1	-1.1	0	0
119	I.FM-8	Z	-.4	-.4	0	0
120	I.FM-9	Z	-.4	-.4	0	0
121	I.FM-10	Z	-1.2	-1.2	0	0
122	I.FM-11	Z	-1.9	-1.9	0	0
123	I.FM-12	Z	-2.4	-2.4	0	0
124	I.FM-13	Z	-2.8	-2.8	0	0
125	I.FM-14	Z	-3	-3	0	0
126	I.FM-15	Z	-3	-3	0	0
127	I.FM-16	Z	-2.8	-2.8	0	0
128	I.FM-17	Z	-2.4	-2.4	0	0
129	I.FM-18	Z	-1.8	-1.8	0	0
130	I.FM-19	Z	-1.1	-1.1	0	0
131	I.FM-20	Z	-.4	-.4	0	0
132	I.FM-21	Z	-.4	-.4	0	0
133	I.FM-22	Z	-1.2	-1.2	0	0
134	I.FM-23	Z	-1.9	-1.9	0	0
135	I.FM-24	Z	-2.4	-2.4	0	0
136	O.FM-1	Z	-2.8	-2.8	0	0
137	O.FM-2	Z	-3	-3	0	0
138	O.FM-3	Z	-3	-3	0	0
139	O.FM-4	Z	-2.8	-2.8	0	0
140	O.FM-5	Z	-2.4	-2.4	0	0
141	O.FM-6	Z	-1.8	-1.8	0	0
142	O.FM-7	Z	-1.1	-1.1	0	0
143	O.FM-8	Z	-.4	-.4	0	0
144	O.FM-9	Z	-.4	-.4	0	0
145	O.FM-10	Z	-1.2	-1.2	0	0
146	O.FM-11	Z	-1.9	-1.9	0	0
147	O.FM-12	Z	-2.4	-2.4	0	0
148	O.FM-13	Z	-2.8	-2.8	0	0
149	O.FM-14	Z	-3	-3	0	0

Member Distributed Loads (BLC 25 : Wind on Ice (300 deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
150	O.FM-15	Z	-3	-3	0	0
151	O.FM-16	Z	-2.8	-2.8	0	0
152	O.FM-17	Z	-2.4	-2.4	0	0
153	O.FM-18	Z	-1.8	-1.8	0	0
154	O.FM-19	Z	-1.1	-1.1	0	0
155	O.FM-20	Z	-.4	-.4	0	0
156	O.FM-21	Z	-.4	-.4	0	0
157	O.FM-22	Z	-1.2	-1.2	0	0
158	O.FM-23	Z	-1.9	-1.9	0	0
159	O.FM-24	Z	-2.4	-2.4	0	0
160	SA-1	Z	-2.6	-2.6	0	0
161	SA-2	Z	0	0	0	0
162	SA-3	Z	-2.6	-2.6	0	0

Member Distributed Loads (BLC 26 : Wind on Ice (330 deg))

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
1	FM.V-1	X	2.1	2.1	0	0
2	FM.V-2	X	2.1	2.1	0	0
3	FM.V-3	X	2.1	2.1	0	0
4	FM.V-4	X	2.1	2.1	0	0
5	FM.V-5	X	2.1	2.1	0	0
6	FM.V-6	X	2.1	2.1	0	0
7	HR-1	X	1.9	1.9	0	0
8	HR-2	X	2.4	2.4	0	0
9	HR-3	X	2.8	2.8	0	0
10	HR-4	X	3	3	0	0
11	HR-5	X	3	3	0	0
12	HR-6	X	2.8	2.8	0	0
13	HR-7	X	2.4	2.4	0	0
14	HR-8	X	1.8	1.8	0	0
15	HR-9	X	1.1	1.1	0	0
16	HR-10	X	.4	.4	0	0
17	HR-11	X	.4	.4	0	0
18	HR-12	X	1.2	1.2	0	0
19	HR-13	X	1.9	1.9	0	0
20	HR-14	X	2.4	2.4	0	0
21	HR-15	X	2.8	2.8	0	0
22	HR-16	X	3	3	0	0
23	HR-17	X	3	3	0	0
24	HR-18	X	2.8	2.8	0	0
25	HR-19	X	2.4	2.4	0	0
26	HR-20	X	1.8	1.8	0	0
27	HR-21	X	1.1	1.1	0	0
28	HR-22	X	.4	.4	0	0
29	HR-23	X	.4	.4	0	0
30	HR-24	X	1.2	1.2	0	0
31	I.FM-1	X	1.9	1.9	0	0
32	I.FM-2	X	2.4	2.4	0	0
33	I.FM-3	X	2.8	2.8	0	0
34	I.FM-4	X	3	3	0	0
35	I.FM-5	X	3	3	0	0
36	I.FM-6	X	2.8	2.8	0	0
37	I.FM-7	X	2.4	2.4	0	0
38	I.FM-8	X	1.8	1.8	0	0
39	I.FM-9	X	1.1	1.1	0	0
40	I.FM-10	X	.4	.4	0	0

Member Distributed Loads (BLC 26 : Wind on Ice (330 deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
41	I.FM-11	X	.4	.4	0	0
42	I.FM-12	X	1.2	1.2	0	0
43	I.FM-13	X	1.9	1.9	0	0
44	I.FM-14	X	2.4	2.4	0	0
45	I.FM-15	X	2.8	2.8	0	0
46	I.FM-16	X	3	3	0	0
47	I.FM-17	X	3	3	0	0
48	I.FM-18	X	2.8	2.8	0	0
49	I.FM-19	X	2.4	2.4	0	0
50	I.FM-20	X	1.8	1.8	0	0
51	I.FM-21	X	1.1	1.1	0	0
52	I.FM-22	X	.4	.4	0	0
53	I.FM-23	X	.4	.4	0	0
54	I.FM-24	X	1.2	1.2	0	0
55	O.FM-1	X	1.9	1.9	0	0
56	O.FM-2	X	2.4	2.4	0	0
57	O.FM-3	X	2.8	2.8	0	0
58	O.FM-4	X	3	3	0	0
59	O.FM-5	X	3	3	0	0
60	O.FM-6	X	2.8	2.8	0	0
61	O.FM-7	X	2.4	2.4	0	0
62	O.FM-8	X	1.8	1.8	0	0
63	O.FM-9	X	1.1	1.1	0	0
64	O.FM-10	X	.4	.4	0	0
65	O.FM-11	X	.4	.4	0	0
66	O.FM-12	X	1.2	1.2	0	0
67	O.FM-13	X	1.9	1.9	0	0
68	O.FM-14	X	2.4	2.4	0	0
69	O.FM-15	X	2.8	2.8	0	0
70	O.FM-16	X	3	3	0	0
71	O.FM-17	X	3	3	0	0
72	O.FM-18	X	2.8	2.8	0	0
73	O.FM-19	X	2.4	2.4	0	0
74	O.FM-20	X	1.8	1.8	0	0
75	O.FM-21	X	1.1	1.1	0	0
76	O.FM-22	X	.4	.4	0	0
77	O.FM-23	X	.4	.4	0	0
78	O.FM-24	X	1.2	1.2	0	0
79	SA-1	X	1.5	1.5	0	0
80	SA-2	X	1.5	1.5	0	0
81	SA-3	X	3	3	0	0
82	FM.V-1	Z	-1.2	-1.2	0	0
83	FM.V-2	Z	-1.2	-1.2	0	0
84	FM.V-3	Z	-1.2	-1.2	0	0
85	FM.V-4	Z	-1.2	-1.2	0	0
86	FM.V-5	Z	-1.2	-1.2	0	0
87	FM.V-6	Z	-1.2	-1.2	0	0
88	HR-1	Z	-1.1	-1.1	0	0
89	HR-2	Z	-1.4	-1.4	0	0
90	HR-3	Z	-1.6	-1.6	0	0
91	HR-4	Z	-1.7	-1.7	0	0
92	HR-5	Z	-1.7	-1.7	0	0
93	HR-6	Z	-1.6	-1.6	0	0
94	HR-7	Z	-1.4	-1.4	0	0
95	HR-8	Z	-1.1	-1.1	0	0
96	HR-9	Z	-.7	-.7	0	0
97	HR-10	Z	-.2	-.2	0	0

Member Distributed Loads (BLC 26 : Wind on Ice (330 deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
98	HR-11	Z	-.2	-.2	0	0
99	HR-12	Z	-.7	-.7	0	0
100	HR-13	Z	-1.1	-1.1	0	0
101	HR-14	Z	-1.4	-1.4	0	0
102	HR-15	Z	-1.6	-1.6	0	0
103	HR-16	Z	-1.7	-1.7	0	0
104	HR-17	Z	-1.7	-1.7	0	0
105	HR-18	Z	-1.6	-1.6	0	0
106	HR-19	Z	-1.4	-1.4	0	0
107	HR-20	Z	-1.1	-1.1	0	0
108	HR-21	Z	-.7	-.7	0	0
109	HR-22	Z	-.2	-.2	0	0
110	HR-23	Z	-.2	-.2	0	0
111	HR-24	Z	-.7	-.7	0	0
112	I.FM-1	Z	-1.1	-1.1	0	0
113	I.FM-2	Z	-1.4	-1.4	0	0
114	I.FM-3	Z	-1.6	-1.6	0	0
115	I.FM-4	Z	-1.7	-1.7	0	0
116	I.FM-5	Z	-1.7	-1.7	0	0
117	I.FM-6	Z	-1.6	-1.6	0	0
118	I.FM-7	Z	-1.4	-1.4	0	0
119	I.FM-8	Z	-1.1	-1.1	0	0
120	I.FM-9	Z	-.7	-.7	0	0
121	I.FM-10	Z	-.2	-.2	0	0
122	I.FM-11	Z	-.2	-.2	0	0
123	I.FM-12	Z	-.7	-.7	0	0
124	I.FM-13	Z	-1.1	-1.1	0	0
125	I.FM-14	Z	-1.4	-1.4	0	0
126	I.FM-15	Z	-1.6	-1.6	0	0
127	I.FM-16	Z	-1.7	-1.7	0	0
128	I.FM-17	Z	-1.7	-1.7	0	0
129	I.FM-18	Z	-1.6	-1.6	0	0
130	I.FM-19	Z	-1.4	-1.4	0	0
131	I.FM-20	Z	-1.1	-1.1	0	0
132	I.FM-21	Z	-.7	-.7	0	0
133	I.FM-22	Z	-.2	-.2	0	0
134	I.FM-23	Z	-.2	-.2	0	0
135	I.FM-24	Z	-.7	-.7	0	0
136	O.FM-1	Z	-1.1	-1.1	0	0
137	O.FM-2	Z	-1.4	-1.4	0	0
138	O.FM-3	Z	-1.6	-1.6	0	0
139	O.FM-4	Z	-1.7	-1.7	0	0
140	O.FM-5	Z	-1.7	-1.7	0	0
141	O.FM-6	Z	-1.6	-1.6	0	0
142	O.FM-7	Z	-1.4	-1.4	0	0
143	O.FM-8	Z	-1.1	-1.1	0	0
144	O.FM-9	Z	-.7	-.7	0	0
145	O.FM-10	Z	-.2	-.2	0	0
146	O.FM-11	Z	-.2	-.2	0	0
147	O.FM-12	Z	-.7	-.7	0	0
148	O.FM-13	Z	-1.1	-1.1	0	0
149	O.FM-14	Z	-1.4	-1.4	0	0
150	O.FM-15	Z	-1.6	-1.6	0	0
151	O.FM-16	Z	-1.7	-1.7	0	0
152	O.FM-17	Z	-1.7	-1.7	0	0
153	O.FM-18	Z	-1.6	-1.6	0	0
154	O.FM-19	Z	-1.4	-1.4	0	0

Member Distributed Loads (BLC 26 : Wind on Ice (330 deg)) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
155	O.FM-20	Z	-1.1	-1.1	0	0
156	O.FM-21	Z	-.7	-.7	0	0
157	O.FM-22	Z	-.2	-.2	0	0
158	O.FM-23	Z	-.2	-.2	0	0
159	O.FM-24	Z	-.7	-.7	0	0
160	SA-1	Z	-.9	-.9	0	0
161	SA-2	Z	-.9	-.9	0	0
162	SA-3	Z	-1.7	-1.7	0	0

Member Distributed Loads (BLC 213 : BLC 1 Transient Area Loads)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
1	I.FM-15	Y	-.242	-.242	10.947	15.639
2	O.FM-15	Y	-.572	-.451	15.348	17.541
3	O.FM-15	Y	-.451	-.329	17.541	19.734
4	SA-2	Y	-.041	-.983	42.001	46.202
5	SA-2	Y	-.983	-1.95	46.202	50.402
6	SA-2	Y	-1.95	-2.23	50.402	54.602
7	SA-2	Y	-2.23	-1.94	54.602	58.802
8	SA-2	Y	-1.94	-1.03	58.802	63.002
9	SA-2	Y	-1.03	-.264	63.002	67.202
10	I.FM-15	Y	-.47	-.392	7.82	10.166
11	I.FM-15	Y	-.392	-.314	10.166	12.511
12	O.FM-15	Y	-.457	-.379	10.963	14.252
13	O.FM-15	Y	-.379	-.301	14.252	17.541
14	I.FM-15	Y	-1.221	-1.221	7.291	9.415
15	O.FM-15	Y	-1.245	-1.245	10.26	13.052
16	SA-2	Y	-.018	-.018	42.001	45.362
17	SA-2	Y	-.018	-.196	45.362	48.722
18	SA-2	Y	-.196	-.583	48.722	52.082
19	SA-2	Y	-.949	-.98	52.082	55.442
20	SA-2	Y	-.613	-.258	55.442	58.802
21	I.FM-15	Y	-.248	-.772	3.128	5.474
22	I.FM-15	Y	-.772	-1.296	5.474	7.82
23	O.FM-15	Y	-1.107	-1.005	6.578	8.771
24	O.FM-15	Y	-1.005	-.902	8.771	10.963
25	I.FM-15	Y	-1.42e-16	-.825	1.564	2.502
26	I.FM-15	Y	-.825	-1.721	2.502	3.441
27	I.FM-15	Y	-1.721	-1.338	3.441	4.379
28	I.FM-15	Y	-1.338	-.442	4.379	5.317
29	I.FM-15	Y	-.442	-1.42e-16	5.317	6.256
30	O.FM-15	Y	-.017	-.357	2.193	3.837
31	O.FM-15	Y	-.357	-1.361	3.837	5.482
32	O.FM-15	Y	-1.361	-1.089	5.482	7.126
33	O.FM-15	Y	-1.089	-.017	7.126	8.771
34	I.FM-15	Y	-.786	-1.459	0	.938
35	I.FM-15	Y	-1.459	-1.664	.938	1.877
36	I.FM-15	Y	-1.664	-.784	1.877	2.815
37	I.FM-15	Y	-.784	-.034	2.815	3.753
38	I.FM-15	Y	-.034	-.034	3.753	4.692
39	O.FM-15	Y	-1.013e-16	-.326	0	1.316
40	O.FM-15	Y	-.326	-1.108	1.316	2.631
41	O.FM-15	Y	-1.108	-1.449	2.631	3.947
42	O.FM-15	Y	-1.449	-.666	3.947	5.262
43	O.FM-15	Y	-.666	-1.013e-16	5.262	6.578
44	I.FM-15	Y	-4.714	-1.386	0	1.043
45	I.FM-15	Y	-1.386	.277	1.043	2.085

Member Distributed Loads (BLC 213 : BLC 1 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
46	I.FM-15	Y	.277	.277	2.085	3.128
47	I.FM-16	Y	.034	.034	12.512	13.555
48	I.FM-16	Y	.034	-.172	13.555	14.597
49	I.FM-16	Y	-1.651	-.986	14.597	15.64
50	O.FM-15	Y	-.07	-1.182	0	1.096
51	O.FM-15	Y	-1.182	-.904	1.096	2.193
52	O.FM-15	Y	-.904	-.07	2.193	3.289
53	O.FM-15	Y	-.07	-.07	3.289	4.385
54	O.FM-16	Y	-.07	-.07	17.541	18.638
55	O.FM-16	Y	-.07	-.904	18.638	19.734
56	O.FM-16	Y	-.904	-1.182	19.734	20.83
57	O.FM-16	Y	-1.182	-.07	20.83	21.927
58	I.FM-16	Y	-.054	-.054	10.948	11.886
59	I.FM-16	Y	-.054	-.804	11.886	12.825
60	I.FM-16	Y	-.804	-1.786	12.825	13.763
61	I.FM-16	Y	-1.786	-1.479	13.763	14.702
62	O.FM-16	Y	-1.013e-16	-.666	15.349	16.664
63	O.FM-16	Y	-.666	-1.448	16.664	17.98
64	O.FM-16	Y	-1.448	-1.108	17.98	19.296
65	O.FM-16	Y	-1.108	-.326	19.296	20.611
66	O.FM-16	Y	-.326	-1.013e-16	20.611	21.927
67	I.FM-16	Y	1.42e-16	-.865	9.384	10.557
68	I.FM-16	Y	-.865	-1.73	10.557	11.73
69	I.FM-16	Y	-1.73	-.865	11.73	12.903
70	I.FM-16	Y	-.865	1.42e-16	12.903	14.076
71	O.FM-16	Y	1.013e-16	-1.153	13.156	14.801
72	O.FM-16	Y	-1.153	-1.412	14.801	16.445
73	O.FM-16	Y	-1.412	-.259	16.445	18.09
74	O.FM-16	Y	-.259	1.013e-16	18.09	19.734
75	I.FM-16	Y	-1.568	-.863	7.82	10.166
76	I.FM-16	Y	-.863	-.157	10.166	12.512
77	O.FM-16	Y	-1.056	-1.056	10.963	13.156
78	O.FM-16	Y	-1.056	-1.056	13.156	15.349
79	I.FM-16	Y	-.668	-1.056	4.692	9.384
80	O.FM-16	Y	-3.93	-9.325	9.463	9.583
81	O.FM-16	Y	-9.325	-5.879	9.583	9.704
82	O.FM-16	Y	-5.879	.265	9.704	9.825
83	O.FM-16	Y	.265	.265	9.825	9.945
84	O.FM-16	Y	.265	.265	9.945	10.066
85	O.FM-16	Y	.265	.265	10.066	10.186
86	O.FM-16	Y	.265	.265	10.186	10.307
87	O.FM-16	Y	.265	.265	10.307	10.428
88	O.FM-16	Y	.265	.265	10.428	10.548
89	O.FM-16	Y	.265	.265	10.548	10.669
90	O.FM-16	Y	.265	.265	10.669	10.79
91	O.FM-16	Y	.265	-9.325	10.79	10.91
92	O.FM-16	Y	-9.325	-28.505	10.91	11.031
93	I.FM-16	Y	0	-.972	1.564	3.649
94	I.FM-16	Y	-.972	-.972	3.649	5.735
95	I.FM-16	Y	-.972	0	5.735	7.82
96	O.FM-16	Y	0	-1.057	4.385	6.578
97	O.FM-16	Y	-1.057	-1.057	6.578	8.771
98	O.FM-16	Y	-1.057	0	8.771	10.963
99	I.FM-16	Y	0	-.441	0	.938
100	I.FM-16	Y	-.441	-1.084	.938	1.877
101	I.FM-16	Y	-1.084	-1.727	1.877	2.815
102	I.FM-16	Y	-1.727	-1.084	2.815	3.754

Member Distributed Loads (BLC 213 : BLC 1 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
103	I.FM-16	Y	-1.084	0	3.754	4.692
104	O.FM-16	Y	0	-.885	2.193	3.508
105	O.FM-16	Y	-.885	-1.769	3.508	4.824
106	O.FM-16	Y	-1.769	-.885	4.824	6.139
107	O.FM-16	Y	-.885	0	6.139	7.455
108	I.FM-16	Y	-5.079	-2.456	0	.782
109	I.FM-16	Y	-2.456	-.49	.782	1.564
110	I.FM-16	Y	-.49	.164	1.564	2.346
111	I.FM-16	Y	.164	.164	2.346	3.128
112	O.FM-16	Y	-.148	-1.274	0	1.316
113	O.FM-16	Y	-1.274	-1.51	1.316	2.631
114	O.FM-16	Y	-1.51	-.62	2.631	3.947
115	O.FM-16	Y	-.62	-.056	3.947	5.262
116	O.FM-16	Y	-.056	-.056	5.262	6.578
117	I.FM-16	Y	-1.561	-1.561	0	1.001
118	I.FM-17	Y	-.023	-.023	12.512	13.294
119	I.FM-17	Y	-.023	-.927	13.294	14.076
120	I.FM-17	Y	-.927	-1.644	14.076	14.858
121	I.FM-17	Y	-1.644	-1.272	14.858	15.64
122	O.FM-17	Y	-.056	-.056	15.349	16.664
123	O.FM-17	Y	-.056	-.62	16.664	17.98
124	O.FM-17	Y	-.62	-1.51	17.98	19.296
125	O.FM-17	Y	-1.51	-1.274	19.296	20.611
126	O.FM-17	Y	-1.274	-.148	20.611	21.927
127	I.FM-17	Y	-1.42e-16	-1.084	10.948	11.886
128	I.FM-17	Y	-1.084	-1.94	11.886	12.825
129	I.FM-17	Y	-1.94	-1.084	12.825	13.763
130	I.FM-17	Y	-1.084	-.228	13.763	14.702
131	I.FM-17	Y	-.228	-1.42e-16	14.702	15.64
132	O.FM-17	Y	-.022	-.389	13.156	14.801
133	O.FM-17	Y	-.389	-1.348	14.801	16.445
134	O.FM-17	Y	-1.348	-1.071	16.445	18.09
135	O.FM-17	Y	-1.071	-.022	18.09	19.734
136	I.FM-17	Y	1.134e-7	-.648	7.82	9.384
137	I.FM-17	Y	-.648	-1.296	9.384	10.948
138	I.FM-17	Y	-1.296	-1.296	10.948	12.512
139	O.FM-17	Y	-1.013e-16	-.705	10.963	12.608
140	O.FM-17	Y	-.705	-1.409	12.608	14.252
141	O.FM-17	Y	-1.409	-.705	14.252	15.897
142	O.FM-17	Y	-.705	-1.013e-16	15.897	17.541
143	I.FM-17	Y	-1.019	-.705	6.256	10.948
144	O.FM-17	Y	-.702	-.705	8.771	15.349
145	I.FM-17	Y	-.157	-.863	3.128	5.474
146	I.FM-17	Y	-.863	-1.568	5.474	7.82
147	O.FM-17	Y	-1.056	-1.056	6.578	8.771
148	O.FM-17	Y	-1.056	-1.056	8.771	10.963
149	I.FM-17	Y	-1.42e-16	-.825	1.564	2.502
150	I.FM-17	Y	-.825	-1.721	2.502	3.441
151	I.FM-17	Y	-1.721	-1.338	3.441	4.379
152	I.FM-17	Y	-1.338	-.442	4.379	5.318
153	I.FM-17	Y	-.442	-1.42e-16	5.318	6.256
154	O.FM-17	Y	-.017	-.357	2.193	3.837
155	O.FM-17	Y	-.357	-1.361	3.837	5.482
156	O.FM-17	Y	-1.361	-1.089	5.482	7.126
157	O.FM-17	Y	-1.089	-.017	7.126	8.771
158	I.FM-17	Y	-.786	-1.459	0	.938
159	I.FM-17	Y	-1.459	-1.664	.938	1.877

Member Distributed Loads (BLC 213 : BLC 1 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
160	I.FM-17	Y	-1.664	-.784	1.877	2.815
161	I.FM-17	Y	-.784	-.034	2.815	3.754
162	I.FM-17	Y	-.034	-.034	3.754	4.692
163	O.FM-17	Y	2.025e-16	-.326	0	1.316
164	O.FM-17	Y	-.326	-1.108	1.316	2.631
165	O.FM-17	Y	-1.108	-1.448	2.631	3.947
166	O.FM-17	Y	-1.448	-.666	3.947	5.262
167	O.FM-17	Y	-.666	2.025e-16	5.262	6.578
168	I.FM-17	Y	-4.714	-1.386	0	1.043
169	I.FM-17	Y	-1.386	.277	1.043	2.085
170	I.FM-17	Y	.277	.277	2.085	3.128
171	I.FM-18	Y	.034	.034	12.512	13.555
172	I.FM-18	Y	.034	-.172	13.555	14.597
173	I.FM-18	Y	-1.651	-.986	14.597	15.64
174	O.FM-17	Y	-.07	-1.182	0	1.096
175	O.FM-17	Y	-1.182	-.904	1.096	2.193
176	O.FM-17	Y	-.904	-.07	2.193	3.289
177	O.FM-17	Y	-.07	-.07	3.289	4.385
178	O.FM-18	Y	-.07	-.07	17.541	18.638
179	O.FM-18	Y	-.07	-.904	18.638	19.734
180	O.FM-18	Y	-.904	-1.182	19.734	20.83
181	O.FM-18	Y	-1.182	-.07	20.83	21.927
182	I.FM-18	Y	-.054	-.054	10.948	11.886
183	I.FM-18	Y	-.054	-.804	11.886	12.825
184	I.FM-18	Y	-.804	-1.786	12.825	13.763
185	I.FM-18	Y	-1.786	-1.479	13.763	14.702
186	O.FM-18	Y	-1.013e-16	-.666	15.349	16.664
187	O.FM-18	Y	-.666	-1.448	16.664	17.98
188	O.FM-18	Y	-1.448	-1.108	17.98	19.296
189	O.FM-18	Y	-1.108	-.326	19.296	20.611
190	O.FM-18	Y	-.326	-1.013e-16	20.611	21.927
191	I.FM-18	Y	1.42e-16	-.865	9.384	10.557
192	I.FM-18	Y	-.865	-1.73	10.557	11.73
193	I.FM-18	Y	-1.73	-.865	11.73	12.903
194	I.FM-18	Y	-.865	1.42e-16	12.903	14.076
195	O.FM-18	Y	0	-1.153	13.156	14.801
196	O.FM-18	Y	-1.153	-1.412	14.801	16.445
197	O.FM-18	Y	-1.412	-.259	16.445	18.09
198	O.FM-18	Y	-.259	0	18.09	19.734
199	I.FM-18	Y	-1.568	-.863	7.82	10.166
200	I.FM-18	Y	-.863	-.157	10.166	12.512
201	O.FM-18	Y	-1.056	-1.056	10.963	13.156
202	O.FM-18	Y	-1.056	-1.056	13.156	15.349
203	I.FM-18	Y	-.668	-1.056	4.692	9.384
204	O.FM-18	Y	-3.93	-9.325	9.463	9.583
205	O.FM-18	Y	-9.325	-5.879	9.583	9.704
206	O.FM-18	Y	-5.879	.265	9.704	9.825
207	O.FM-18	Y	.265	.265	9.825	9.945
208	O.FM-18	Y	.265	.265	9.945	10.066
209	O.FM-18	Y	.265	.265	10.066	10.186
210	O.FM-18	Y	.265	.265	10.186	10.307
211	O.FM-18	Y	.265	.265	10.307	10.428
212	O.FM-18	Y	.265	.265	10.428	10.548
213	O.FM-18	Y	.265	.265	10.548	10.669
214	O.FM-18	Y	.265	.265	10.669	10.79
215	O.FM-18	Y	.265	-9.325	10.79	10.91
216	O.FM-18	Y	-9.325	-28.505	10.91	11.031

Member Distributed Loads (BLC 213 : BLC 1 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
217	I.FM-18	Y	0	-.972	1.564	3.649
218	I.FM-18	Y	-.972	-.972	3.649	5.735
219	I.FM-18	Y	-.972	0	5.735	7.82
220	O.FM-18	Y	0	-1.057	4.385	6.578
221	O.FM-18	Y	-1.057	-1.057	6.578	8.771
222	O.FM-18	Y	-1.057	0	8.771	10.963
223	I.FM-18	Y	0	-.441	0	.938
224	I.FM-18	Y	-.441	-1.084	.938	1.877
225	I.FM-18	Y	-1.084	-1.727	1.877	2.815
226	I.FM-18	Y	-1.727	-1.084	2.815	3.754
227	I.FM-18	Y	-1.084	0	3.754	4.692
228	O.FM-18	Y	0	-.885	2.193	3.508
229	O.FM-18	Y	-.885	-1.769	3.508	4.824
230	O.FM-18	Y	-1.769	-.885	4.824	6.139
231	O.FM-18	Y	-.885	0	6.139	7.455
232	I.FM-18	Y	-5.079	-2.456	0	.782
233	I.FM-18	Y	-2.456	-.49	.782	1.564
234	I.FM-18	Y	-.49	.164	1.564	2.346
235	I.FM-18	Y	.164	.164	2.346	3.128
236	O.FM-18	Y	-.148	-1.274	0	1.316
237	O.FM-18	Y	-1.274	-1.51	1.316	2.631
238	O.FM-18	Y	-1.51	-.62	2.631	3.947
239	O.FM-18	Y	-.62	-.056	3.947	5.262
240	O.FM-18	Y	-.056	-.056	5.262	6.578
241	I.FM-18	Y	-1.561	-1.561	0	1.001
242	I.FM-19	Y	-.023	-.023	12.512	13.294
243	I.FM-19	Y	-.023	-.927	13.294	14.076
244	I.FM-19	Y	-.927	-1.644	14.076	14.858
245	I.FM-19	Y	-1.644	-1.272	14.858	15.64
246	O.FM-19	Y	-.056	-.056	15.349	16.664
247	O.FM-19	Y	-.056	-.62	16.664	17.98
248	O.FM-19	Y	-.62	-1.51	17.98	19.296
249	O.FM-19	Y	-1.51	-1.274	19.296	20.611
250	O.FM-19	Y	-1.274	-.148	20.611	21.927
251	I.FM-19	Y	0	-1.084	10.948	11.886
252	I.FM-19	Y	-1.084	-1.94	11.886	12.825
253	I.FM-19	Y	-1.94	-1.084	12.825	13.763
254	I.FM-19	Y	-1.084	-.228	13.763	14.702
255	I.FM-19	Y	-.228	0	14.702	15.64
256	O.FM-19	Y	-.022	-.389	13.156	14.801
257	O.FM-19	Y	-.389	-1.348	14.801	16.445
258	O.FM-19	Y	-1.348	-1.071	16.445	18.09
259	O.FM-19	Y	-1.071	-.022	18.09	19.734
260	I.FM-19	Y	1.134e-7	-.648	7.82	9.384
261	I.FM-19	Y	-.648	-1.296	9.384	10.948
262	I.FM-19	Y	-1.296	-1.296	10.948	12.512
263	O.FM-19	Y	2.025e-16	-.705	10.963	12.608
264	O.FM-19	Y	-.705	-1.409	12.608	14.252
265	O.FM-19	Y	-1.409	-.705	14.252	15.897
266	O.FM-19	Y	-.705	2.025e-16	15.897	17.541
267	I.FM-19	Y	-1.019	-.705	6.256	10.948
268	O.FM-19	Y	-.702	-.705	8.771	15.349
269	I.FM-19	Y	-.157	-.863	3.128	5.474
270	I.FM-19	Y	-.863	-1.568	5.474	7.82
271	O.FM-19	Y	-1.056	-1.056	6.578	8.771
272	O.FM-19	Y	-1.056	-1.056	8.771	10.963
273	I.FM-19	Y	5.679e-16	-1.65	1.564	2.502

Member Distributed Loads (BLC 213 : BLC 1 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
274	I.FM-19	Y	-1.65	-3.441	2.502	3.441
275	I.FM-19	Y	-3.441	-2.676	3.441	4.379
276	I.FM-19	Y	-2.676	-.885	4.379	5.318
277	I.FM-19	Y	-.885	5.679e-16	5.318	6.256
278	O.FM-19	Y	-.034	-.715	2.193	3.837
279	O.FM-19	Y	-.715	-2.721	3.837	5.482
280	O.FM-19	Y	-2.721	-2.177	5.482	7.126
281	O.FM-19	Y	-2.177	-.034	7.126	8.771
282	I.FM-19	Y	-.786	-1.459	0	.938
283	I.FM-19	Y	-1.459	-1.664	.938	1.877
284	I.FM-19	Y	-1.664	-.784	1.877	2.815
285	I.FM-19	Y	-.784	-.034	2.815	3.754
286	I.FM-19	Y	-.034	-.034	3.754	4.692
287	O.FM-19	Y	-1.013e-16	-.326	0	1.316
288	O.FM-19	Y	-.326	-1.108	1.316	2.631
289	O.FM-19	Y	-1.108	-1.448	2.631	3.947
290	O.FM-19	Y	-1.448	-.666	3.947	5.262
291	O.FM-19	Y	-.666	-1.013e-16	5.262	6.578
292	I.FM-19	Y	-4.714	-1.386	0	1.043
293	I.FM-19	Y	-1.386	.277	1.043	2.085
294	I.FM-19	Y	.277	.277	2.085	3.128
295	I.FM-20	Y	.034	.034	12.512	13.555
296	I.FM-20	Y	.034	-.172	13.555	14.597
297	I.FM-20	Y	-1.651	-.986	14.597	15.64
298	O.FM-19	Y	-.07	-1.182	0	1.096
299	O.FM-19	Y	-1.182	-.904	1.096	2.193
300	O.FM-19	Y	-.904	-.07	2.193	3.289
301	O.FM-19	Y	-.07	-.07	3.289	4.385
302	O.FM-20	Y	-.07	-.07	17.541	18.638
303	O.FM-20	Y	-.07	-.904	18.638	19.734
304	O.FM-20	Y	-.904	-1.182	19.734	20.83
305	O.FM-20	Y	-1.182	-.07	20.83	21.927
306	I.FM-20	Y	-.054	-.054	10.948	11.886
307	I.FM-20	Y	-.054	-.804	11.886	12.825
308	I.FM-20	Y	-.804	-1.786	12.825	13.763
309	I.FM-20	Y	-1.786	-1.479	13.763	14.702
310	O.FM-20	Y	0	-.666	15.349	16.664
311	O.FM-20	Y	-.666	-1.448	16.664	17.98
312	O.FM-20	Y	-1.448	-1.108	17.98	19.296
313	O.FM-20	Y	-1.108	-.326	19.296	20.611
314	O.FM-20	Y	-.326	0	20.611	21.927
315	I.FM-20	Y	0	-.865	9.384	10.557
316	I.FM-20	Y	-.865	-1.73	10.557	11.73
317	I.FM-20	Y	-1.73	-.865	11.73	12.903
318	I.FM-20	Y	-.865	0	12.903	14.076
319	O.FM-20	Y	1.013e-16	-1.153	13.156	14.801
320	O.FM-20	Y	-1.153	-1.412	14.801	16.445
321	O.FM-20	Y	-1.412	-.259	16.445	18.09
322	O.FM-20	Y	-.259	1.013e-16	18.09	19.734
323	I.FM-20	Y	-1.568	-.863	7.82	10.166
324	I.FM-20	Y	-.863	-.157	10.166	12.512
325	O.FM-20	Y	-1.056	-1.056	10.963	13.156
326	O.FM-20	Y	-1.056	-1.056	13.156	15.349
327	I.FM-20	Y	-.668	-1.056	4.692	9.384
328	O.FM-20	Y	-3.93	-9.325	9.463	9.583
329	O.FM-20	Y	-9.325	-5.879	9.583	9.704
330	O.FM-20	Y	-5.879	.265	9.704	9.825

Member Distributed Loads (BLC 213 : BLC 1 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
331	O.FM-20	Y	.265	.265	9.825	9.945
332	O.FM-20	Y	.265	.265	9.945	10.066
333	O.FM-20	Y	.265	.265	10.066	10.186
334	O.FM-20	Y	.265	.265	10.186	10.307
335	O.FM-20	Y	.265	.265	10.307	10.428
336	O.FM-20	Y	.265	.265	10.428	10.548
337	O.FM-20	Y	.265	.265	10.548	10.669
338	O.FM-20	Y	.265	.265	10.669	10.79
339	O.FM-20	Y	.265	-9.325	10.79	10.91
340	O.FM-20	Y	-9.325	-28.505	10.91	11.031
341	I.FM-20	Y	0	-.972	1.564	3.649
342	I.FM-20	Y	-.972	-.972	3.649	5.735
343	I.FM-20	Y	-.972	0	5.735	7.82
344	O.FM-20	Y	0	-1.057	4.385	6.578
345	O.FM-20	Y	-1.057	-1.057	6.578	8.771
346	O.FM-20	Y	-1.057	0	8.771	10.963
347	I.FM-20	Y	-1.42e-16	-.441	0	.938
348	I.FM-20	Y	-.441	-1.084	.938	1.877
349	I.FM-20	Y	-1.084	-1.727	1.877	2.815
350	I.FM-20	Y	-1.727	-1.084	2.815	3.754
351	I.FM-20	Y	-1.084	-1.42e-16	3.754	4.692
352	O.FM-20	Y	0	-.885	2.193	3.508
353	O.FM-20	Y	-.885	-1.769	3.508	4.824
354	O.FM-20	Y	-1.769	-.885	4.824	6.139
355	O.FM-20	Y	-.885	0	6.139	7.455
356	I.FM-20	Y	-5.079	-2.456	0	.782
357	I.FM-20	Y	-2.456	-.49	.782	1.564
358	I.FM-20	Y	-.49	.164	1.564	2.346
359	I.FM-20	Y	.164	.164	2.346	3.128
360	O.FM-20	Y	-.148	-1.274	0	1.316
361	O.FM-20	Y	-1.274	-1.51	1.316	2.631
362	O.FM-20	Y	-1.51	-.62	2.631	3.947
363	O.FM-20	Y	-.62	-.056	3.947	5.262
364	O.FM-20	Y	-.056	-.056	5.262	6.578
365	I.FM-20	Y	-1.561	-1.561	0	1.001
366	I.FM-21	Y	-.023	-.023	12.512	13.294
367	I.FM-21	Y	-.023	-.927	13.294	14.076
368	I.FM-21	Y	-.927	-1.644	14.076	14.858
369	I.FM-21	Y	-1.644	-1.272	14.858	15.64
370	O.FM-21	Y	-.056	-.056	15.349	16.664
371	O.FM-21	Y	-.056	-.62	16.664	17.98
372	O.FM-21	Y	-.62	-1.51	17.98	19.296
373	O.FM-21	Y	-1.51	-1.274	19.296	20.611
374	O.FM-21	Y	-1.274	-.148	20.611	21.927
375	I.FM-21	Y	1.42e-16	-1.084	10.948	11.886
376	I.FM-21	Y	-1.084	-1.94	11.886	12.825
377	I.FM-21	Y	-1.94	-1.084	12.825	13.763
378	I.FM-21	Y	-1.084	-.228	13.763	14.702
379	I.FM-21	Y	-.228	1.42e-16	14.702	15.64
380	O.FM-21	Y	-.022	-.389	13.156	14.801
381	O.FM-21	Y	-.389	-1.348	14.801	16.445
382	O.FM-21	Y	-1.348	-1.071	16.445	18.09
383	O.FM-21	Y	-1.071	-.022	18.09	19.734
384	I.FM-21	Y	1.134e-7	-.648	7.82	9.384
385	I.FM-21	Y	-.648	-1.296	9.384	10.948
386	I.FM-21	Y	-1.296	-1.296	10.948	12.512
387	O.FM-21	Y	-1.013e-16	-.705	10.963	12.608

Member Distributed Loads (BLC 213 : BLC 1 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
388	O.FM-21	Y	-.705	-1.409	12.608	14.252
389	O.FM-21	Y	-1.409	-.705	14.252	15.897
390	O.FM-21	Y	-.705	-1.013e-16	15.897	17.541
391	I.FM-21	Y	-1.019	-.705	6.256	10.948
392	O.FM-21	Y	-.702	-.705	8.771	15.349
393	I.FM-21	Y	-.157	-.863	3.128	5.474
394	I.FM-21	Y	-.863	-1.568	5.474	7.82
395	O.FM-21	Y	-1.056	-1.056	6.578	8.771
396	O.FM-21	Y	-1.056	-1.056	8.771	10.963
397	I.FM-21	Y	0	-.825	1.564	2.502
398	I.FM-21	Y	-.825	-1.721	2.502	3.441
399	I.FM-21	Y	-1.721	-1.338	3.441	4.379
400	I.FM-21	Y	-1.338	-.442	4.379	5.318
401	I.FM-21	Y	-.442	0	5.318	6.256
402	O.FM-21	Y	-.017	-.357	2.193	3.837
403	O.FM-21	Y	-.357	-1.361	3.837	5.482
404	O.FM-21	Y	-1.361	-1.089	5.482	7.126
405	O.FM-21	Y	-1.089	-.017	7.126	8.771
406	I.FM-21	Y	-.786	-1.459	0	.938
407	I.FM-21	Y	-1.459	-1.664	.938	1.877
408	I.FM-21	Y	-1.664	-.784	1.877	2.815
409	I.FM-21	Y	-.784	-.034	2.815	3.754
410	I.FM-21	Y	-.034	-.034	3.754	4.692
411	O.FM-21	Y	0	-.326	0	1.316
412	O.FM-21	Y	-.326	-1.108	1.316	2.631
413	O.FM-21	Y	-1.108	-1.448	2.631	3.947
414	O.FM-21	Y	-1.448	-.666	3.947	5.262
415	O.FM-21	Y	-.666	0	5.262	6.578
416	I.FM-21	Y	-4.713	-1.386	0	1.043
417	I.FM-21	Y	-1.386	.277	1.043	2.085
418	I.FM-21	Y	.277	.277	2.085	3.128
419	I.FM-22	Y	.034	.034	12.511	13.554
420	I.FM-22	Y	.034	-.172	13.554	14.597
421	I.FM-22	Y	-1.651	-.986	14.597	15.639
422	O.FM-21	Y	-.07	-1.182	0	1.096
423	O.FM-21	Y	-1.182	-.904	1.096	2.193
424	O.FM-21	Y	-.904	-.07	2.193	3.289
425	O.FM-21	Y	-.07	-.07	3.289	4.385
426	O.FM-22	Y	-.07	-.07	17.541	18.637
427	O.FM-22	Y	-.07	-.904	18.637	19.734
428	O.FM-22	Y	-.904	-1.182	19.734	20.83
429	O.FM-22	Y	-1.182	-.07	20.83	21.926
430	I.FM-22	Y	-.054	-.054	10.947	11.886
431	I.FM-22	Y	-.054	-.804	11.886	12.824
432	I.FM-22	Y	-.804	-1.786	12.824	13.763
433	I.FM-22	Y	-1.786	-1.479	13.763	14.701
434	O.FM-22	Y	0	-.666	15.348	16.664
435	O.FM-22	Y	-.666	-1.449	16.664	17.98
436	O.FM-22	Y	-1.449	-1.108	17.98	19.295
437	O.FM-22	Y	-1.108	-.326	19.295	20.611
438	O.FM-22	Y	-.326	0	20.611	21.926
439	I.FM-22	Y	0	-.865	9.384	10.557
440	I.FM-22	Y	-.865	-1.73	10.557	11.729
441	I.FM-22	Y	-1.73	-.865	11.729	12.902
442	I.FM-22	Y	-.865	0	12.902	14.075
443	O.FM-22	Y	-1.013e-16	-1.153	13.156	14.8
444	O.FM-22	Y	-1.153	-1.412	14.8	16.445

Member Distributed Loads (BLC 213 : BLC 1 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
445	O.FM-22	Y	-1.412	-.259	16.445	18.089
446	O.FM-22	Y	-.259	-1.013e-16	18.089	19.734
447	I.FM-22	Y	-1.296	-.772	7.82	10.166
448	I.FM-22	Y	-.772	-.248	10.166	12.511
449	O.FM-22	Y	-.902	-1.005	10.963	13.156
450	O.FM-22	Y	-1.005	-1.107	13.156	15.348
451	SA-3	Y	-.949	-.98	51.605	55.152
452	I.FM-22	Y	-1.157	-1.157	6.138	8.379
453	O.FM-22	Y	-2.224	-2.224	9.462	11.026
454	SA-3	Y	-.018	-.018	42.001	45.362
455	SA-3	Y	-.018	-.196	45.362	48.722
456	SA-3	Y	-.196	-.583	48.722	52.082
457	SA-3	Y	-.613	-.258	55.442	58.802
458	I.FM-22	Y	-.314	-.392	3.128	5.474
459	I.FM-22	Y	-.392	-.47	5.474	7.82
460	O.FM-22	Y	-.365	-.392	4.385	10.963
461	SA-3	Y	-.041	-.983	42.001	46.202
462	SA-3	Y	-.983	-1.95	46.202	50.402
463	SA-3	Y	-1.95	-2.23	50.402	54.602
464	SA-3	Y	-2.23	-1.94	54.602	58.802
465	SA-3	Y	-1.94	-1.03	58.802	63.002
466	SA-3	Y	-1.03	-.264	63.002	67.202
467	I.FM-22	Y	.061	-.182	0	2.346
468	I.FM-22	Y	-.182	-.667	2.346	4.692
469	O.FM-22	Y	-.329	-.451	2.193	4.385
470	O.FM-22	Y	-.451	-.572	4.385	6.578
471	I.FM-22	Y	-.252	-.252	0	1.889
472	O.FM-22	Y	-.149	-.252	0	4.385
473	I.FM-23	Y	-.232	-.232	13.589	15.641
474	O.FM-23	Y	-.169	-.232	17.542	21.927
475	I.FM-23	Y	-.236	-.249	10.949	15.641
476	O.FM-23	Y	-.572	-.451	15.349	17.542
477	O.FM-23	Y	-.451	-.329	17.542	19.734
478	I.FM-23	Y	-.47	-.392	7.82	10.167
479	I.FM-23	Y	-.392	-.314	10.167	12.513
480	O.FM-23	Y	-.457	-.379	10.964	14.253
481	O.FM-23	Y	-.379	-.301	14.253	17.542
482	I.FM-23	Y	-1.221	-1.221	7.291	9.415
483	O.FM-23	Y	-1.245	-1.245	10.26	13.052
484	I.FM-23	Y	-.248	-.772	3.128	5.474
485	I.FM-23	Y	-.772	-1.296	5.474	7.82
486	O.FM-23	Y	-1.107	-1.005	6.578	8.771
487	O.FM-23	Y	-1.005	-.902	8.771	10.964
488	I.FM-23	Y	-1.42e-16	-.825	1.564	2.503
489	I.FM-23	Y	-.825	-1.72	2.503	3.441
490	I.FM-23	Y	-1.72	-1.338	3.441	4.379
491	I.FM-23	Y	-1.338	-.442	4.379	5.318
492	I.FM-23	Y	-.442	-1.42e-16	5.318	6.256
493	O.FM-23	Y	-.017	-.357	2.193	3.837
494	O.FM-23	Y	-.357	-1.361	3.837	5.482
495	O.FM-23	Y	-1.361	-1.089	5.482	7.126
496	O.FM-23	Y	-1.089	-.017	7.126	8.771
497	I.FM-23	Y	-.786	-1.458	0	.938
498	I.FM-23	Y	-1.458	-1.664	.938	1.877
499	I.FM-23	Y	-1.664	-.783	1.877	2.815
500	I.FM-23	Y	-.783	-.034	2.815	3.754
501	I.FM-23	Y	-.034	-.034	3.754	4.692

Member Distributed Loads (BLC 213 : BLC 1 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
502	O.FM-23	Y	2.025e-16	-.326	0	1.316
503	O.FM-23	Y	-.326	-1.108	1.316	2.631
504	O.FM-23	Y	-1.108	-1.448	2.631	3.947
505	O.FM-23	Y	-1.448	-.666	3.947	5.262
506	O.FM-23	Y	-.666	2.025e-16	5.262	6.578
507	I.FM-23	Y	-4.713	-1.386	0	1.043
508	I.FM-23	Y	-1.386	.277	1.043	2.085
509	I.FM-23	Y	.277	.277	2.085	3.128
510	I.FM-24	Y	.034	.034	12.512	13.555
511	I.FM-24	Y	.034	-.172	13.555	14.597
512	I.FM-24	Y	-1.651	-.986	14.597	15.64
513	O.FM-23	Y	-.07	-1.182	0	1.096
514	O.FM-23	Y	-1.182	-.904	1.096	2.193
515	O.FM-23	Y	-.904	-.069	2.193	3.289
516	O.FM-23	Y	-.069	-.069	3.289	4.385
517	O.FM-24	Y	-.069	-.069	17.541	18.638
518	O.FM-24	Y	-.069	-.904	18.638	19.734
519	O.FM-24	Y	-.904	-1.182	19.734	20.83
520	O.FM-24	Y	-1.182	-.07	20.83	21.927
521	I.FM-24	Y	-.054	-.054	10.948	11.886
522	I.FM-24	Y	-.054	-.804	11.886	12.825
523	I.FM-24	Y	-.804	-1.786	12.825	13.763
524	I.FM-24	Y	-1.786	-1.479	13.763	14.702
525	O.FM-24	Y	-1.013e-16	-.666	15.349	16.664
526	O.FM-24	Y	-.666	-1.448	16.664	17.98
527	O.FM-24	Y	-1.448	-1.108	17.98	19.296
528	O.FM-24	Y	-1.108	-.326	19.296	20.611
529	O.FM-24	Y	-.326	-1.013e-16	20.611	21.927
530	I.FM-24	Y	0	-.865	9.384	10.557
531	I.FM-24	Y	-.865	-1.73	10.557	11.73
532	I.FM-24	Y	-1.73	-.865	11.73	12.903
533	I.FM-24	Y	-.865	0	12.903	14.076
534	O.FM-24	Y	0	-1.153	13.156	14.801
535	O.FM-24	Y	-1.153	-1.412	14.801	16.445
536	O.FM-24	Y	-1.412	-.259	16.445	18.09
537	O.FM-24	Y	-.259	0	18.09	19.734
538	I.FM-24	Y	-1.568	-.863	7.82	10.166
539	I.FM-24	Y	-.863	-.157	10.166	12.512
540	O.FM-24	Y	-1.056	-1.056	10.963	13.156
541	O.FM-24	Y	-1.056	-1.056	13.156	15.349
542	I.FM-24	Y	-.668	-1.056	4.692	9.384
543	O.FM-24	Y	-3.93	-9.325	9.463	9.583
544	O.FM-24	Y	-9.325	-5.879	9.583	9.704
545	O.FM-24	Y	-5.879	.265	9.704	9.825
546	O.FM-24	Y	.265	.265	9.825	9.945
547	O.FM-24	Y	.265	.265	9.945	10.066
548	O.FM-24	Y	.265	.265	10.066	10.186
549	O.FM-24	Y	.265	.265	10.186	10.307
550	O.FM-24	Y	.265	.265	10.307	10.428
551	O.FM-24	Y	.265	.265	10.428	10.548
552	O.FM-24	Y	.265	.265	10.548	10.669
553	O.FM-24	Y	.265	.265	10.669	10.79
554	O.FM-24	Y	.265	-9.325	10.79	10.91
555	O.FM-24	Y	-9.325	-28.505	10.91	11.031
556	I.FM-24	Y	0	-.972	1.564	3.649
557	I.FM-24	Y	-.972	-.972	3.649	5.735
558	I.FM-24	Y	-.972	0	5.735	7.82

Member Distributed Loads (BLC 213 : BLC 1 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
559	O.FM-24	Y	0	-1.057	4.385	6.578
560	O.FM-24	Y	-1.057	-1.057	6.578	8.771
561	O.FM-24	Y	-1.057	0	8.771	10.963
562	I.FM-24	Y	-1.42e-16	-.441	0	.938
563	I.FM-24	Y	-.441	-1.084	.938	1.877
564	I.FM-24	Y	-1.084	-1.727	1.877	2.815
565	I.FM-24	Y	-1.727	-1.084	2.815	3.754
566	I.FM-24	Y	-1.084	-1.42e-16	3.754	4.692
567	O.FM-24	Y	0	-.885	2.193	3.508
568	O.FM-24	Y	-.885	-1.769	3.508	4.824
569	O.FM-24	Y	-1.769	-.885	4.824	6.139
570	O.FM-24	Y	-.885	0	6.139	7.455
571	I.FM-1	Y	-1.767	-1.539	14.624	15.64
572	I.FM-24	Y	-2.206	-1.582	0	.782
573	I.FM-24	Y	-1.582	-.615	.782	1.564
574	I.FM-24	Y	-.615	.039	1.564	2.346
575	I.FM-24	Y	.039	.039	2.346	3.128
576	O.FM-24	Y	-.148	-1.274	0	1.316
577	O.FM-24	Y	-1.274	-1.51	1.316	2.631
578	O.FM-24	Y	-1.51	-.62	2.631	3.947
579	O.FM-24	Y	-.62	-.056	3.947	5.262
580	O.FM-24	Y	-.056	-.056	5.262	6.578
581	I.FM-1	Y	.102	.102	12.512	13.294
582	I.FM-1	Y	.102	-.802	13.294	14.076
583	I.FM-1	Y	-.802	-2.518	14.076	14.858
584	I.FM-1	Y	-2.518	-4.145	14.858	15.64
585	O.FM-1	Y	-.056	-.056	15.349	16.664
586	O.FM-1	Y	-.056	-.62	16.664	17.98
587	O.FM-1	Y	-.62	-1.51	17.98	19.296
588	O.FM-1	Y	-1.51	-1.274	19.296	20.611
589	O.FM-1	Y	-1.274	-.148	20.611	21.927
590	I.FM-1	Y	-1.42e-16	-1.084	10.948	11.886
591	I.FM-1	Y	-1.084	-1.94	11.886	12.825
592	I.FM-1	Y	-1.94	-1.084	12.825	13.763
593	I.FM-1	Y	-1.084	-.228	13.763	14.702
594	O.FM-1	Y	-.022	-.389	13.156	14.801
595	O.FM-1	Y	-.389	-1.348	14.801	16.445
596	O.FM-1	Y	-1.348	-1.071	16.445	18.09
597	O.FM-1	Y	-1.071	-.022	18.09	19.734
598	I.FM-1	Y	1.134e-7	-.648	7.82	9.384
599	I.FM-1	Y	-.648	-1.296	9.384	10.948
600	I.FM-1	Y	-1.296	-1.296	10.948	12.512
601	O.FM-1	Y	1.013e-16	-.705	10.963	12.608
602	O.FM-1	Y	-.705	-1.409	12.608	14.252
603	O.FM-1	Y	-1.409	-.705	14.252	15.897
604	O.FM-1	Y	-.705	1.013e-16	15.897	17.541
605	I.FM-1	Y	-1.019	-.705	6.256	10.948
606	O.FM-1	Y	-.702	-.705	8.771	15.349
607	I.FM-1	Y	-.157	-.863	3.128	5.474
608	I.FM-1	Y	-.863	-1.568	5.474	7.82
609	O.FM-1	Y	-1.056	-1.056	6.578	8.771
610	O.FM-1	Y	-1.056	-1.056	8.771	10.963
611	I.FM-1	Y	1.42e-16	-.825	1.564	2.502
612	I.FM-1	Y	-.825	-1.721	2.502	3.441
613	I.FM-1	Y	-1.721	-1.338	3.441	4.379
614	I.FM-1	Y	-1.338	-.442	4.379	5.318
615	I.FM-1	Y	-.442	1.42e-16	5.318	6.256

Member Distributed Loads (BLC 213 : BLC 1 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
616	O.FM-1	Y	-.017	-.357	2.193	3.837
617	O.FM-1	Y	-.357	-1.361	3.837	5.482
618	O.FM-1	Y	-1.361	-1.089	5.482	7.126
619	O.FM-1	Y	-1.089	-.017	7.126	8.771
620	I.FM-1	Y	-.786	-1.459	0	.938
621	I.FM-1	Y	-1.459	-1.664	.938	1.877
622	I.FM-1	Y	-1.664	-.784	1.877	2.815
623	I.FM-1	Y	-.784	-.034	2.815	3.754
624	I.FM-1	Y	-.034	-.034	3.754	4.692
625	O.FM-1	Y	1.013e-16	-.326	0	1.316
626	O.FM-1	Y	-.326	-1.108	1.316	2.631
627	O.FM-1	Y	-1.108	-1.448	2.631	3.947
628	O.FM-1	Y	-1.448	-.666	3.947	5.262
629	O.FM-1	Y	-.666	1.013e-16	5.262	6.578
630	I.FM-1	Y	-4.714	-1.386	0	1.043
631	I.FM-1	Y	-1.386	.277	1.043	2.085
632	I.FM-1	Y	.277	.277	2.085	3.128
633	I.FM-2	Y	.034	.034	12.512	13.555
634	I.FM-2	Y	.034	-.172	13.555	14.597
635	I.FM-2	Y	-1.651	-.986	14.597	15.64
636	O.FM-1	Y	-.07	-1.182	0	1.096
637	O.FM-1	Y	-1.182	-.904	1.096	2.193
638	O.FM-1	Y	-.904	-.07	2.193	3.289
639	O.FM-1	Y	-.07	-.07	3.289	4.385
640	O.FM-2	Y	-.07	-.07	17.541	18.638
641	O.FM-2	Y	-.07	-.904	18.638	19.734
642	O.FM-2	Y	-.904	-1.182	19.734	20.83
643	O.FM-2	Y	-1.182	-.07	20.83	21.927
644	I.FM-2	Y	-.054	-.054	10.948	11.886
645	I.FM-2	Y	-.054	-.804	11.886	12.825
646	I.FM-2	Y	-.804	-1.786	12.825	13.763
647	I.FM-2	Y	-1.786	-1.479	13.763	14.702
648	O.FM-2	Y	0	-.666	15.349	16.664
649	O.FM-2	Y	-.666	-1.448	16.664	17.98
650	O.FM-2	Y	-1.448	-1.108	17.98	19.296
651	O.FM-2	Y	-1.108	-.326	19.296	20.611
652	O.FM-2	Y	-.326	0	20.611	21.927
653	I.FM-2	Y	0	-.865	9.384	10.557
654	I.FM-2	Y	-.865	-1.73	10.557	11.73
655	I.FM-2	Y	-1.73	-.865	11.73	12.903
656	I.FM-2	Y	-.865	0	12.903	14.076
657	O.FM-2	Y	1.013e-16	-1.153	13.156	14.801
658	O.FM-2	Y	-1.153	-1.412	14.801	16.445
659	O.FM-2	Y	-1.412	-.259	16.445	18.09
660	O.FM-2	Y	-.259	1.013e-16	18.09	19.734
661	I.FM-2	Y	-1.568	-.863	7.82	10.166
662	I.FM-2	Y	-.863	-.157	10.166	12.512
663	O.FM-2	Y	-1.056	-1.056	10.963	13.156
664	O.FM-2	Y	-1.056	-1.056	13.156	15.349
665	I.FM-2	Y	-.668	-1.056	4.692	9.384
666	O.FM-2	Y	-3.93	-9.325	9.463	9.583
667	O.FM-2	Y	-9.325	-5.879	9.583	9.704
668	O.FM-2	Y	-5.879	.265	9.704	9.825
669	O.FM-2	Y	.265	.265	9.825	9.945
670	O.FM-2	Y	.265	.265	9.945	10.066
671	O.FM-2	Y	.265	.265	10.066	10.186
672	O.FM-2	Y	.265	.265	10.186	10.307

Member Distributed Loads (BLC 213 : BLC 1 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
673	O.FM-2	Y	.265	.265	10.307	10.428
674	O.FM-2	Y	.265	.265	10.428	10.548
675	O.FM-2	Y	.265	.265	10.548	10.669
676	O.FM-2	Y	.265	.265	10.669	10.79
677	O.FM-2	Y	.265	-9.325	10.79	10.91
678	O.FM-2	Y	-9.325	-28.505	10.91	11.031
679	I.FM-2	Y	0	-.972	1.564	3.649
680	I.FM-2	Y	-.972	-.972	3.649	5.735
681	I.FM-2	Y	-.972	0	5.735	7.82
682	O.FM-2	Y	0	-1.057	4.385	6.578
683	O.FM-2	Y	-1.057	-1.057	6.578	8.771
684	O.FM-2	Y	-1.057	0	8.771	10.963
685	I.FM-2	Y	-1.42e-16	-.441	0	.938
686	I.FM-2	Y	-.441	-1.084	.938	1.877
687	I.FM-2	Y	-1.084	-1.727	1.877	2.815
688	I.FM-2	Y	-1.727	-1.084	2.815	3.754
689	I.FM-2	Y	-1.084	-1.42e-16	3.754	4.692
690	O.FM-2	Y	0	-.885	2.193	3.508
691	O.FM-2	Y	-.885	-1.769	3.508	4.824
692	O.FM-2	Y	-1.769	-.885	4.824	6.139
693	O.FM-2	Y	-.885	0	6.139	7.455
694	I.FM-2	Y	-5.079	-2.456	0	.782
695	I.FM-2	Y	-2.456	-.49	.782	1.564
696	I.FM-2	Y	-.49	.164	1.564	2.346
697	I.FM-2	Y	.164	.164	2.346	3.128
698	O.FM-2	Y	-.148	-1.274	0	1.316
699	O.FM-2	Y	-1.274	-1.51	1.316	2.631
700	O.FM-2	Y	-1.51	-.62	2.631	3.947
701	O.FM-2	Y	-.62	-.056	3.947	5.262
702	O.FM-2	Y	-.056	-.056	5.262	6.578
703	I.FM-2	Y	-1.561	-1.561	0	1.001
704	I.FM-3	Y	-.023	-.023	12.512	13.294
705	I.FM-3	Y	-.023	-.927	13.294	14.076
706	I.FM-3	Y	-.927	-1.644	14.076	14.858
707	I.FM-3	Y	-1.644	-1.272	14.858	15.64
708	O.FM-3	Y	-.056	-.056	15.349	16.664
709	O.FM-3	Y	-.056	-.62	16.664	17.98
710	O.FM-3	Y	-.62	-1.51	17.98	19.296
711	O.FM-3	Y	-1.51	-1.274	19.296	20.611
712	O.FM-3	Y	-1.274	-.148	20.611	21.927
713	I.FM-3	Y	1.42e-16	-1.084	10.948	11.886
714	I.FM-3	Y	-1.084	-1.94	11.886	12.825
715	I.FM-3	Y	-1.94	-1.084	12.825	13.763
716	I.FM-3	Y	-1.084	-.228	13.763	14.702
717	I.FM-3	Y	-.228	1.42e-16	14.702	15.64
718	O.FM-3	Y	-.022	-.389	13.156	14.801
719	O.FM-3	Y	-.389	-1.348	14.801	16.445
720	O.FM-3	Y	-1.348	-1.071	16.445	18.09
721	O.FM-3	Y	-1.071	-.022	18.09	19.734
722	I.FM-3	Y	1.134e-7	-.648	7.82	9.384
723	I.FM-3	Y	-.648	-1.296	9.384	10.948
724	I.FM-3	Y	-1.296	-1.296	10.948	12.512
725	O.FM-3	Y	-1.013e-16	-.705	10.963	12.608
726	O.FM-3	Y	-.705	-1.409	12.608	14.252
727	O.FM-3	Y	-1.409	-.705	14.252	15.897
728	O.FM-3	Y	-.705	-1.013e-16	15.897	17.541
729	I.FM-3	Y	-1.019	-.705	6.256	10.948

Member Distributed Loads (BLC 213 : BLC 1 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
730	O.FM-3	Y	-.702	-.705	8.771	15.349
731	I.FM-3	Y	-.157	-.863	3.128	5.474
732	I.FM-3	Y	-.863	-1.568	5.474	7.82
733	O.FM-3	Y	-1.056	-1.056	6.578	8.771
734	O.FM-3	Y	-1.056	-1.056	8.771	10.963
735	I.FM-3	Y	0	-.825	1.564	2.502
736	I.FM-3	Y	-.825	-1.721	2.502	3.441
737	I.FM-3	Y	-1.721	-1.338	3.441	4.379
738	I.FM-3	Y	-1.338	-.442	4.379	5.318
739	I.FM-3	Y	-.442	0	5.318	6.256
740	O.FM-3	Y	-.017	-.357	2.193	3.837
741	O.FM-3	Y	-.357	-1.361	3.837	5.482
742	O.FM-3	Y	-1.361	-1.089	5.482	7.126
743	O.FM-3	Y	-1.089	-.017	7.126	8.771
744	I.FM-3	Y	-.786	-1.459	0	.938
745	I.FM-3	Y	-1.459	-1.664	.938	1.877
746	I.FM-3	Y	-1.664	-.784	1.877	2.815
747	I.FM-3	Y	-.784	-.034	2.815	3.754
748	I.FM-3	Y	-.034	-.034	3.754	4.692
749	O.FM-3	Y	0	-.326	0	1.316
750	O.FM-3	Y	-.326	-1.108	1.316	2.631
751	O.FM-3	Y	-1.108	-1.448	2.631	3.947
752	O.FM-3	Y	-1.448	-.666	3.947	5.262
753	O.FM-3	Y	-.666	0	5.262	6.578
754	I.FM-3	Y	-4.714	-1.386	0	1.043
755	I.FM-3	Y	-1.386	.277	1.043	2.085
756	I.FM-3	Y	.277	.277	2.085	3.128
757	I.FM-4	Y	.034	.034	12.512	13.555
758	I.FM-4	Y	.034	-.172	13.555	14.597
759	I.FM-4	Y	-1.651	-.986	14.597	15.64
760	O.FM-3	Y	-.07	-1.182	0	1.096
761	O.FM-3	Y	-1.182	-.904	1.096	2.193
762	O.FM-3	Y	-.904	-.07	2.193	3.289
763	O.FM-3	Y	-.07	-.07	3.289	4.385
764	O.FM-4	Y	-.07	-.07	17.541	18.638
765	O.FM-4	Y	-.07	-.904	18.638	19.734
766	O.FM-4	Y	-.904	-1.182	19.734	20.83
767	O.FM-4	Y	-1.182	-.07	20.83	21.927
768	I.FM-4	Y	-.054	-.054	10.948	11.886
769	I.FM-4	Y	-.054	-.804	11.886	12.825
770	I.FM-4	Y	-.804	-1.786	12.825	13.763
771	I.FM-4	Y	-1.786	-1.479	13.763	14.702
772	O.FM-4	Y	-1.013e-16	-.666	15.349	16.664
773	O.FM-4	Y	-.666	-1.448	16.664	17.98
774	O.FM-4	Y	-1.448	-1.108	17.98	19.296
775	O.FM-4	Y	-1.108	-.326	19.296	20.611
776	O.FM-4	Y	-.326	-1.013e-16	20.611	21.927
777	I.FM-4	Y	1.42e-16	-.865	9.384	10.557
778	I.FM-4	Y	-.865	-1.73	10.557	11.73
779	I.FM-4	Y	-1.73	-.865	11.73	12.903
780	I.FM-4	Y	-.865	1.42e-16	12.903	14.076
781	O.FM-4	Y	1.013e-16	-1.153	13.156	14.801
782	O.FM-4	Y	-1.153	-1.412	14.801	16.445
783	O.FM-4	Y	-1.412	-.259	16.445	18.09
784	O.FM-4	Y	-.259	1.013e-16	18.09	19.734
785	I.FM-4	Y	-1.568	-.863	7.82	10.166
786	I.FM-4	Y	-.863	-.157	10.166	12.512

Member Distributed Loads (BLC 213 : BLC 1 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
787	O.FM-4	Y	-1.056	-1.056	10.963	13.156
788	O.FM-4	Y	-1.056	-1.056	13.156	15.349
789	I.FM-4	Y	-.668	-1.056	4.692	9.384
790	O.FM-4	Y	-3.93	-9.325	9.463	9.583
791	O.FM-4	Y	-9.325	-5.879	9.583	9.704
792	O.FM-4	Y	-5.879	.265	9.704	9.825
793	O.FM-4	Y	.265	.265	9.825	9.945
794	O.FM-4	Y	.265	.265	9.945	10.066
795	O.FM-4	Y	.265	.265	10.066	10.186
796	O.FM-4	Y	.265	.265	10.186	10.307
797	O.FM-4	Y	.265	.265	10.307	10.428
798	O.FM-4	Y	.265	.265	10.428	10.548
799	O.FM-4	Y	.265	.265	10.548	10.669
800	O.FM-4	Y	.265	.265	10.669	10.79
801	O.FM-4	Y	.265	-9.325	10.79	10.91
802	O.FM-4	Y	-9.325	-28.505	10.91	11.031
803	I.FM-4	Y	0	-.972	1.564	3.649
804	I.FM-4	Y	-.972	-.972	3.649	5.735
805	I.FM-4	Y	-.972	0	5.735	7.82
806	O.FM-4	Y	0	-1.057	4.385	6.578
807	O.FM-4	Y	-1.057	-1.057	6.578	8.771
808	O.FM-4	Y	-1.057	0	8.771	10.963
809	I.FM-4	Y	0	-.441	0	.938
810	I.FM-4	Y	-.441	-1.084	.938	1.877
811	I.FM-4	Y	-1.084	-1.727	1.877	2.815
812	I.FM-4	Y	-1.727	-1.084	2.815	3.754
813	I.FM-4	Y	-1.084	0	3.754	4.692
814	O.FM-4	Y	0	-.885	2.193	3.508
815	O.FM-4	Y	-.885	-1.769	3.508	4.824
816	O.FM-4	Y	-1.769	-.885	4.824	6.139
817	O.FM-4	Y	-.885	0	6.139	7.455
818	I.FM-4	Y	-5.079	-2.456	0	.782
819	I.FM-4	Y	-2.456	-.49	.782	1.564
820	I.FM-4	Y	-.49	.164	1.564	2.346
821	I.FM-4	Y	.164	.164	2.346	3.128
822	O.FM-4	Y	-.148	-1.274	0	1.316
823	O.FM-4	Y	-1.274	-1.51	1.316	2.631
824	O.FM-4	Y	-1.51	-.62	2.631	3.947
825	O.FM-4	Y	-.62	-.056	3.947	5.262
826	O.FM-4	Y	-.056	-.056	5.262	6.578
827	I.FM-4	Y	-1.561	-1.561	0	1.001
828	I.FM-5	Y	-.023	-.023	12.512	13.294
829	I.FM-5	Y	-.023	-.927	13.294	14.076
830	I.FM-5	Y	-.927	-1.644	14.076	14.858
831	I.FM-5	Y	-1.644	-1.272	14.858	15.64
832	O.FM-5	Y	-.056	-.056	15.349	16.664
833	O.FM-5	Y	-.056	-.62	16.664	17.98
834	O.FM-5	Y	-.62	-1.51	17.98	19.296
835	O.FM-5	Y	-1.51	-1.274	19.296	20.611
836	O.FM-5	Y	-1.274	-.148	20.611	21.927
837	I.FM-5	Y	-2.839e-16	-2.169	10.948	11.886
838	I.FM-5	Y	-2.169	-3.881	11.886	12.825
839	I.FM-5	Y	-3.881	-2.169	12.825	13.763
840	I.FM-5	Y	-2.169	-.456	13.763	14.702
841	I.FM-5	Y	-.456	-2.839e-16	14.702	15.64
842	O.FM-5	Y	-.045	-.778	13.156	14.801
843	O.FM-5	Y	-.778	-2.697	14.801	16.445

Member Distributed Loads (BLC 213 : BLC 1 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
844	O.FM-5	Y	-2.697	-2.142	16.445	18.09
845	O.FM-5	Y	-2.142	-.045	18.09	19.734
846	I.FM-5	Y	1.134e-7	-.648	7.82	9.384
847	I.FM-5	Y	-.648	-1.296	9.384	10.948
848	I.FM-5	Y	-1.296	-1.296	10.948	12.512
849	O.FM-5	Y	-1.013e-16	-.705	10.963	12.608
850	O.FM-5	Y	-.705	-1.409	12.608	14.252
851	O.FM-5	Y	-1.409	-.705	14.252	15.897
852	O.FM-5	Y	-.705	-1.013e-16	15.897	17.541
853	I.FM-5	Y	-1.019	-.705	6.256	10.948
854	O.FM-5	Y	-.702	-.705	8.771	15.349
855	I.FM-5	Y	-.157	-.863	3.128	5.474
856	I.FM-5	Y	-.863	-1.568	5.474	7.82
857	O.FM-5	Y	-1.056	-1.056	6.578	8.771
858	O.FM-5	Y	-1.056	-1.056	8.771	10.963
859	I.FM-5	Y	0	-.825	1.564	2.502
860	I.FM-5	Y	-.825	-1.721	2.502	3.441
861	I.FM-5	Y	-1.721	-1.338	3.441	4.379
862	I.FM-5	Y	-1.338	-.442	4.379	5.318
863	I.FM-5	Y	-.442	0	5.318	6.256
864	O.FM-5	Y	-.017	-.357	2.193	3.837
865	O.FM-5	Y	-.357	-1.361	3.837	5.482
866	O.FM-5	Y	-1.361	-1.089	5.482	7.126
867	O.FM-5	Y	-1.089	-.017	7.126	8.771
868	I.FM-5	Y	-.786	-1.459	0	.938
869	I.FM-5	Y	-1.459	-1.664	.938	1.877
870	I.FM-5	Y	-1.664	-.784	1.877	2.815
871	I.FM-5	Y	-.784	-.034	2.815	3.754
872	I.FM-5	Y	-.034	-.034	3.754	4.692
873	O.FM-5	Y	2.025e-16	-.326	0	1.316
874	O.FM-5	Y	-.326	-1.108	1.316	2.631
875	O.FM-5	Y	-1.108	-1.448	2.631	3.947
876	O.FM-5	Y	-1.448	-.666	3.947	5.262
877	O.FM-5	Y	-.666	2.025e-16	5.262	6.578
878	I.FM-5	Y	-4.714	-1.386	0	1.043
879	I.FM-5	Y	-1.386	.277	1.043	2.085
880	I.FM-5	Y	.277	.277	2.085	3.128
881	I.FM-6	Y	.034	.034	12.512	13.555
882	I.FM-6	Y	.034	-.172	13.555	14.597
883	I.FM-6	Y	-1.651	-.986	14.597	15.64
884	O.FM-5	Y	-.07	-1.182	0	1.096
885	O.FM-5	Y	-1.182	-.904	1.096	2.193
886	O.FM-5	Y	-.904	-.07	2.193	3.289
887	O.FM-5	Y	-.07	-.07	3.289	4.385
888	O.FM-6	Y	-.07	-.07	17.541	18.638
889	O.FM-6	Y	-.07	-.904	18.638	19.734
890	O.FM-6	Y	-.904	-1.182	19.734	20.83
891	O.FM-6	Y	-1.182	-.07	20.83	21.927
892	I.FM-6	Y	-.054	-.054	10.948	11.886
893	I.FM-6	Y	-.054	-.804	11.886	12.825
894	I.FM-6	Y	-.804	-1.786	12.825	13.763
895	I.FM-6	Y	-1.786	-1.479	13.763	14.702
896	O.FM-6	Y	-2.025e-16	-.666	15.349	16.664
897	O.FM-6	Y	-.666	-1.448	16.664	17.98
898	O.FM-6	Y	-1.448	-1.108	17.98	19.296
899	O.FM-6	Y	-1.108	-.326	19.296	20.611
900	O.FM-6	Y	-.326	-2.025e-16	20.611	21.927

Member Distributed Loads (BLC 213 : BLC 1 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
901	I.FM-6	Y	0	-.865	9.384	10.557
902	I.FM-6	Y	-.865	-1.73	10.557	11.73
903	I.FM-6	Y	-1.73	-.865	11.73	12.903
904	I.FM-6	Y	-.865	0	12.903	14.076
905	O.FM-6	Y	0	-1.153	13.156	14.801
906	O.FM-6	Y	-1.153	-1.412	14.801	16.445
907	O.FM-6	Y	-1.412	-.259	16.445	18.09
908	O.FM-6	Y	-.259	0	18.09	19.734
909	I.FM-6	Y	-1.296	-.772	7.82	10.166
910	I.FM-6	Y	-.772	-.248	10.166	12.512
911	O.FM-6	Y	-.902	-1.005	10.963	13.156
912	O.FM-6	Y	-1.005	-1.107	13.156	15.349
913	SA-1	Y	-.949	-.98	51.603	55.149
914	I.FM-6	Y	-1.157	-1.157	6.139	8.38
915	O.FM-6	Y	-2.224	-2.224	9.463	11.026
916	SA-1	Y	-.018	-.018	42	45.36
917	SA-1	Y	-.018	-.196	45.36	48.72
918	SA-1	Y	-.196	-.583	48.72	52.08
919	SA-1	Y	-.613	-.258	55.44	58.8
920	I.FM-6	Y	-.314	-.392	3.128	5.474
921	I.FM-6	Y	-.392	-.47	5.474	7.82
922	O.FM-6	Y	-.365	-.392	4.385	10.963
923	SA-1	Y	-.041	-.983	42	46.2
924	SA-1	Y	-.983	-1.95	46.2	50.4
925	SA-1	Y	-1.95	-2.23	50.4	54.6
926	SA-1	Y	-2.23	-1.94	54.6	58.8
927	SA-1	Y	-1.94	-1.03	58.8	63
928	SA-1	Y	-1.03	-.264	63	67.2
929	I.FM-6	Y	.061	-.182	0	2.346
930	I.FM-6	Y	-.182	-.667	2.346	4.692
931	O.FM-6	Y	-.329	-.451	2.193	4.385
932	O.FM-6	Y	-.451	-.572	4.385	6.578
933	I.FM-6	Y	-.252	-.252	0	1.889
934	O.FM-6	Y	-.149	-.252	0	4.385
935	I.FM-7	Y	-.232	-.232	13.589	15.64
936	O.FM-7	Y	-.169	-.232	17.541	21.927
937	I.FM-7	Y	-.236	-.249	10.948	15.64
938	O.FM-7	Y	-.572	-.451	15.349	17.541
939	O.FM-7	Y	-.451	-.329	17.541	19.734
940	I.FM-7	Y	-.47	-.392	7.82	10.166
941	I.FM-7	Y	-.392	-.314	10.166	12.512
942	O.FM-7	Y	-.457	-.379	10.963	14.252
943	O.FM-7	Y	-.379	-.301	14.252	17.541
944	I.FM-7	Y	-1.221	-1.221	7.291	9.415
945	O.FM-7	Y	-1.245	-1.245	10.26	13.052
946	I.FM-7	Y	-.248	-.772	3.128	5.474
947	I.FM-7	Y	-.772	-1.296	5.474	7.82
948	O.FM-7	Y	-1.107	-1.005	6.578	8.771
949	O.FM-7	Y	-1.005	-.902	8.771	10.963
950	I.FM-7	Y	1.42e-16	-.825	1.564	2.502
951	I.FM-7	Y	-.825	-1.721	2.502	3.441
952	I.FM-7	Y	-1.721	-1.338	3.441	4.379
953	I.FM-7	Y	-1.338	-.442	4.379	5.318
954	I.FM-7	Y	-.442	1.42e-16	5.318	6.256
955	O.FM-7	Y	-.017	-.357	2.193	3.837
956	O.FM-7	Y	-.357	-1.361	3.837	5.482
957	O.FM-7	Y	-1.361	-1.089	5.482	7.126

Member Distributed Loads (BLC 213 : BLC 1 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
958	O.FM-7	Y	-1.089	-.017	7.126	8.771
959	I.FM-7	Y	-.786	-1.459	0	.938
960	I.FM-7	Y	-1.459	-1.664	.938	1.877
961	I.FM-7	Y	-1.664	-.784	1.877	2.815
962	I.FM-7	Y	-.784	-.034	2.815	3.754
963	I.FM-7	Y	-.034	-.034	3.754	4.692
964	O.FM-7	Y	1.013e-16	-.326	0	1.316
965	O.FM-7	Y	-.326	-1.108	1.316	2.631
966	O.FM-7	Y	-1.108	-1.448	2.631	3.947
967	O.FM-7	Y	-1.448	-.666	3.947	5.262
968	O.FM-7	Y	-.666	1.013e-16	5.262	6.578
969	I.FM-7	Y	-4.714	-1.386	0	1.043
970	I.FM-7	Y	-1.386	.277	1.043	2.085
971	I.FM-7	Y	.277	.277	2.085	3.128
972	I.FM-8	Y	.034	.034	12.512	13.555
973	I.FM-8	Y	.034	-.172	13.555	14.597
974	I.FM-8	Y	-1.651	-.986	14.597	15.64
975	O.FM-7	Y	-.07	-1.182	0	1.096
976	O.FM-7	Y	-1.182	-.904	1.096	2.193
977	O.FM-7	Y	-.904	-.07	2.193	3.289
978	O.FM-7	Y	-.07	-.07	3.289	4.385
979	O.FM-8	Y	-.07	-.07	17.541	18.638
980	O.FM-8	Y	-.07	-.904	18.638	19.734
981	O.FM-8	Y	-.904	-1.182	19.734	20.83
982	O.FM-8	Y	-1.182	-.07	20.83	21.927
983	I.FM-8	Y	-.054	-.054	10.948	11.886
984	I.FM-8	Y	-.054	-.804	11.886	12.825
985	I.FM-8	Y	-.804	-1.786	12.825	13.763
986	I.FM-8	Y	-1.786	-1.479	13.763	14.702
987	O.FM-8	Y	0	-.666	15.349	16.664
988	O.FM-8	Y	-.666	-1.448	16.664	17.98
989	O.FM-8	Y	-1.448	-1.108	17.98	19.296
990	O.FM-8	Y	-1.108	-.326	19.296	20.611
991	O.FM-8	Y	-.326	0	20.611	21.927
992	I.FM-8	Y	0	-.865	9.384	10.557
993	I.FM-8	Y	-.865	-1.73	10.557	11.73
994	I.FM-8	Y	-1.73	-.865	11.73	12.903
995	I.FM-8	Y	-.865	0	12.903	14.076
996	O.FM-8	Y	1.013e-16	-1.153	13.156	14.801
997	O.FM-8	Y	-1.153	-1.412	14.801	16.445
998	O.FM-8	Y	-1.412	-.259	16.445	18.09
999	O.FM-8	Y	-.259	1.013e-16	18.09	19.734
1000	I.FM-8	Y	-1.568	-.863	7.82	10.166
1001	I.FM-8	Y	-.863	-.157	10.166	12.512
1002	O.FM-8	Y	-1.056	-1.056	10.963	13.156
1003	O.FM-8	Y	-1.056	-1.056	13.156	15.349
1004	I.FM-8	Y	-.668	-1.056	4.692	9.384
1005	O.FM-8	Y	-3.93	-9.325	9.463	9.583
1006	O.FM-8	Y	-9.325	-5.879	9.583	9.704
1007	O.FM-8	Y	-5.879	.265	9.704	9.825
1008	O.FM-8	Y	.265	.265	9.825	9.945
1009	O.FM-8	Y	.265	.265	9.945	10.066
1010	O.FM-8	Y	.265	.265	10.066	10.186
1011	O.FM-8	Y	.265	.265	10.186	10.307
1012	O.FM-8	Y	.265	.265	10.307	10.428
1013	O.FM-8	Y	.265	.265	10.428	10.548
1014	O.FM-8	Y	.265	.265	10.548	10.669

Member Distributed Loads (BLC 213 : BLC 1 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
1015	O.FM-8	Y	.265	.265	10.669	10.79
1016	O.FM-8	Y	.265	-9.325	10.79	10.91
1017	O.FM-8	Y	-9.325	-28.505	10.91	11.031
1018	I.FM-8	Y	0	-.972	1.564	3.649
1019	I.FM-8	Y	-.972	-.972	3.649	5.735
1020	I.FM-8	Y	-.972	0	5.735	7.82
1021	O.FM-8	Y	0	-1.057	4.385	6.578
1022	O.FM-8	Y	-1.057	-1.057	6.578	8.771
1023	O.FM-8	Y	-1.057	0	8.771	10.963
1024	I.FM-8	Y	-1.42e-16	-.441	0	.938
1025	I.FM-8	Y	-.441	-1.084	.938	1.877
1026	I.FM-8	Y	-1.084	-1.727	1.877	2.815
1027	I.FM-8	Y	-1.727	-1.084	2.815	3.754
1028	I.FM-8	Y	-1.084	-1.42e-16	3.754	4.692
1029	O.FM-8	Y	0	-.885	2.193	3.508
1030	O.FM-8	Y	-.885	-1.769	3.508	4.824
1031	O.FM-8	Y	-1.769	-.885	4.824	6.139
1032	O.FM-8	Y	-.885	0	6.139	7.455
1033	I.FM-8	Y	-5.079	-2.456	0	.782
1034	I.FM-8	Y	-2.456	-.49	.782	1.564
1035	I.FM-8	Y	-.49	.164	1.564	2.346
1036	I.FM-8	Y	.164	.164	2.346	3.128
1037	O.FM-8	Y	-.148	-1.274	0	1.316
1038	O.FM-8	Y	-1.274	-1.51	1.316	2.631
1039	O.FM-8	Y	-1.51	-.62	2.631	3.947
1040	O.FM-8	Y	-.62	-.056	3.947	5.262
1041	O.FM-8	Y	-.056	-.056	5.262	6.578
1042	I.FM-8	Y	-1.561	-1.561	0	1.001
1043	I.FM-9	Y	-.023	-.023	12.512	13.294
1044	I.FM-9	Y	-.023	-.927	13.294	14.076
1045	I.FM-9	Y	-.927	-1.644	14.076	14.858
1046	I.FM-9	Y	-1.644	-1.272	14.858	15.64
1047	O.FM-9	Y	-.056	-.056	15.349	16.664
1048	O.FM-9	Y	-.056	-.62	16.664	17.98
1049	O.FM-9	Y	-.62	-1.51	17.98	19.296
1050	O.FM-9	Y	-1.51	-1.274	19.296	20.611
1051	O.FM-9	Y	-1.274	-.148	20.611	21.927
1052	I.FM-9	Y	1.42e-16	-1.084	10.948	11.886
1053	I.FM-9	Y	-1.084	-1.94	11.886	12.825
1054	I.FM-9	Y	-1.94	-1.084	12.825	13.763
1055	I.FM-9	Y	-1.084	-.228	13.763	14.702
1056	I.FM-9	Y	-.228	1.42e-16	14.702	15.64
1057	O.FM-9	Y	-.022	-.389	13.156	14.801
1058	O.FM-9	Y	-.389	-1.348	14.801	16.445
1059	O.FM-9	Y	-1.348	-1.071	16.445	18.09
1060	O.FM-9	Y	-1.071	-.022	18.09	19.734
1061	I.FM-9	Y	1.134e-7	-.648	7.82	9.384
1062	I.FM-9	Y	-.648	-1.296	9.384	10.948
1063	I.FM-9	Y	-1.296	-1.296	10.948	12.512
1064	O.FM-9	Y	-1.013e-16	-.705	10.963	12.608
1065	O.FM-9	Y	-.705	-1.409	12.608	14.252
1066	O.FM-9	Y	-1.409	-.705	14.252	15.897
1067	O.FM-9	Y	-.705	-1.013e-16	15.897	17.541
1068	I.FM-9	Y	-1.019	-.705	6.256	10.948
1069	O.FM-9	Y	-.702	-.705	8.771	15.349
1070	I.FM-9	Y	-.157	-.863	3.128	5.474
1071	I.FM-9	Y	-.863	-1.568	5.474	7.82

Member Distributed Loads (BLC 213 : BLC 1 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
1072	O.FM-9	Y	-1.056	-1.056	6.578	8.771
1073	O.FM-9	Y	-1.056	-1.056	8.771	10.963
1074	I.FM-9	Y	0	-.825	1.564	2.502
1075	I.FM-9	Y	-.825	-1.721	2.502	3.441
1076	I.FM-9	Y	-1.721	-1.338	3.441	4.379
1077	I.FM-9	Y	-1.338	-.442	4.379	5.318
1078	I.FM-9	Y	-.442	0	5.318	6.256
1079	O.FM-9	Y	-.017	-.357	2.193	3.837
1080	O.FM-9	Y	-.357	-1.361	3.837	5.482
1081	O.FM-9	Y	-1.361	-1.089	5.482	7.126
1082	O.FM-9	Y	-1.089	-.017	7.126	8.771
1083	I.FM-9	Y	-.786	-1.459	0	.938
1084	I.FM-9	Y	-1.459	-1.664	.938	1.877
1085	I.FM-9	Y	-1.664	-.784	1.877	2.815
1086	I.FM-9	Y	-.784	-.034	2.815	3.754
1087	I.FM-9	Y	-.034	-.034	3.754	4.692
1088	O.FM-9	Y	0	-.326	0	1.316
1089	O.FM-9	Y	-.326	-1.108	1.316	2.631
1090	O.FM-9	Y	-1.108	-1.448	2.631	3.947
1091	O.FM-9	Y	-1.448	-.666	3.947	5.262
1092	O.FM-9	Y	-.666	0	5.262	6.578
1093	I.FM-9	Y	-4.714	-1.386	0	1.043
1094	I.FM-9	Y	-1.386	.277	1.043	2.085
1095	I.FM-9	Y	.277	.277	2.085	3.128
1096	I.FM-10	Y	.034	.034	12.512	13.555
1097	I.FM-10	Y	.034	-.172	13.555	14.597
1098	I.FM-10	Y	-1.651	-.986	14.597	15.64
1099	O.FM-9	Y	-.07	-1.182	0	1.096
1100	O.FM-9	Y	-1.182	-.904	1.096	2.193
1101	O.FM-9	Y	-.904	-.07	2.193	3.289
1102	O.FM-9	Y	-.07	-.07	3.289	4.385
1103	O.FM-10	Y	-.07	-.07	17.541	18.638
1104	O.FM-10	Y	-.07	-.904	18.638	19.734
1105	O.FM-10	Y	-.904	-1.182	19.734	20.83
1106	O.FM-10	Y	-1.182	-.07	20.83	21.927
1107	I.FM-10	Y	-.054	-.054	10.948	11.886
1108	I.FM-10	Y	-.054	-.804	11.886	12.825
1109	I.FM-10	Y	-.804	-1.786	12.825	13.763
1110	I.FM-10	Y	-1.786	-1.479	13.763	14.702
1111	O.FM-10	Y	-1.013e-16	-.666	15.349	16.664
1112	O.FM-10	Y	-.666	-1.448	16.664	17.98
1113	O.FM-10	Y	-1.448	-1.108	17.98	19.296
1114	O.FM-10	Y	-1.108	-.326	19.296	20.611
1115	O.FM-10	Y	-.326	-1.013e-16	20.611	21.927
1116	I.FM-10	Y	1.42e-16	-.865	9.384	10.557
1117	I.FM-10	Y	-.865	-1.73	10.557	11.73
1118	I.FM-10	Y	-1.73	-.865	11.73	12.903
1119	I.FM-10	Y	-.865	1.42e-16	12.903	14.076
1120	O.FM-10	Y	1.013e-16	-1.153	13.156	14.801
1121	O.FM-10	Y	-1.153	-1.412	14.801	16.445
1122	O.FM-10	Y	-1.412	-.259	16.445	18.09
1123	O.FM-10	Y	-.259	1.013e-16	18.09	19.734
1124	I.FM-10	Y	-1.568	-.863	7.82	10.166
1125	I.FM-10	Y	-.863	-.157	10.166	12.512
1126	O.FM-10	Y	-1.056	-1.056	10.963	13.156
1127	O.FM-10	Y	-1.056	-1.056	13.156	15.349
1128	I.FM-10	Y	-.668	-1.056	4.692	9.384

Member Distributed Loads (BLC 213 : BLC 1 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
1129	O.FM-10	Y	-3.93	-9.325	9.463	9.583
1130	O.FM-10	Y	-9.325	-5.879	9.583	9.704
1131	O.FM-10	Y	-5.879	.265	9.704	9.825
1132	O.FM-10	Y	.265	.265	9.825	9.945
1133	O.FM-10	Y	.265	.265	9.945	10.066
1134	O.FM-10	Y	.265	.265	10.066	10.186
1135	O.FM-10	Y	.265	.265	10.186	10.307
1136	O.FM-10	Y	.265	.265	10.307	10.428
1137	O.FM-10	Y	.265	.265	10.428	10.548
1138	O.FM-10	Y	.265	.265	10.548	10.669
1139	O.FM-10	Y	.265	.265	10.669	10.79
1140	O.FM-10	Y	.265	-9.325	10.79	10.91
1141	O.FM-10	Y	-9.325	-28.505	10.91	11.031
1142	I.FM-10	Y	0	-.972	1.564	3.649
1143	I.FM-10	Y	-.972	-.972	3.649	5.735
1144	I.FM-10	Y	-.972	0	5.735	7.82
1145	O.FM-10	Y	0	-1.057	4.385	6.578
1146	O.FM-10	Y	-1.057	-1.057	6.578	8.771
1147	O.FM-10	Y	-1.057	0	8.771	10.963
1148	I.FM-10	Y	0	-.441	0	.938
1149	I.FM-10	Y	-.441	-1.084	.938	1.877
1150	I.FM-10	Y	-1.084	-1.727	1.877	2.815
1151	I.FM-10	Y	-1.727	-1.084	2.815	3.754
1152	I.FM-10	Y	-1.084	0	3.754	4.692
1153	O.FM-10	Y	0	-.885	2.193	3.508
1154	O.FM-10	Y	-.885	-1.769	3.508	4.824
1155	O.FM-10	Y	-1.769	-.885	4.824	6.139
1156	O.FM-10	Y	-.885	0	6.139	7.455
1157	I.FM-10	Y	-5.079	-2.456	0	.782
1158	I.FM-10	Y	-2.456	-.49	.782	1.564
1159	I.FM-10	Y	-.49	.164	1.564	2.346
1160	I.FM-10	Y	.164	.164	2.346	3.128
1161	O.FM-10	Y	-.148	-1.274	0	1.316
1162	O.FM-10	Y	-1.274	-1.51	1.316	2.631
1163	O.FM-10	Y	-1.51	-.62	2.631	3.947
1164	O.FM-10	Y	-.62	-.056	3.947	5.262
1165	O.FM-10	Y	-.056	-.056	5.262	6.578
1166	I.FM-10	Y	-1.561	-1.561	0	1.001
1167	I.FM-11	Y	-.023	-.023	12.512	13.294
1168	I.FM-11	Y	-.023	-.927	13.294	14.076
1169	I.FM-11	Y	-.927	-1.644	14.076	14.858
1170	I.FM-11	Y	-1.644	-1.272	14.858	15.64
1171	O.FM-11	Y	-.056	-.056	15.349	16.664
1172	O.FM-11	Y	-.056	-.62	16.664	17.98
1173	O.FM-11	Y	-.62	-1.51	17.98	19.296
1174	O.FM-11	Y	-1.51	-1.274	19.296	20.611
1175	O.FM-11	Y	-1.274	-.148	20.611	21.927
1176	I.FM-11	Y	-1.42e-16	-1.084	10.948	11.886
1177	I.FM-11	Y	-1.084	-1.94	11.886	12.825
1178	I.FM-11	Y	-1.94	-1.084	12.825	13.763
1179	I.FM-11	Y	-1.084	-.228	13.763	14.702
1180	I.FM-11	Y	-.228	-1.42e-16	14.702	15.64
1181	O.FM-11	Y	-.022	-.389	13.156	14.801
1182	O.FM-11	Y	-.389	-1.348	14.801	16.445
1183	O.FM-11	Y	-1.348	-1.071	16.445	18.09
1184	O.FM-11	Y	-1.071	-.022	18.09	19.734
1185	I.FM-11	Y	1.134e-7	-.648	7.82	9.384

Member Distributed Loads (BLC 213 : BLC 1 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
1186	I.FM-11	Y	-.648	-1.296	9.384	10.948
1187	I.FM-11	Y	-1.296	-1.296	10.948	12.512
1188	O.FM-11	Y	-1.013e-16	-.705	10.963	12.608
1189	O.FM-11	Y	-.705	-1.409	12.608	14.252
1190	O.FM-11	Y	-1.409	-.705	14.252	15.897
1191	O.FM-11	Y	-.705	-1.013e-16	15.897	17.541
1192	I.FM-11	Y	-1.019	-.705	6.256	10.948
1193	O.FM-11	Y	-.702	-.705	8.771	15.349
1194	I.FM-11	Y	-.157	-.863	3.128	5.474
1195	I.FM-11	Y	-.863	-1.568	5.474	7.82
1196	O.FM-11	Y	-1.056	-1.056	6.578	8.771
1197	O.FM-11	Y	-1.056	-1.056	8.771	10.963
1198	I.FM-11	Y	-1.42e-16	-.825	1.564	2.502
1199	I.FM-11	Y	-.825	-1.721	2.502	3.441
1200	I.FM-11	Y	-1.721	-1.338	3.441	4.379
1201	I.FM-11	Y	-1.338	-.442	4.379	5.318
1202	I.FM-11	Y	-.442	-1.42e-16	5.318	6.256
1203	O.FM-11	Y	-.017	-.357	2.193	3.837
1204	O.FM-11	Y	-.357	-1.361	3.837	5.482
1205	O.FM-11	Y	-1.361	-1.089	5.482	7.126
1206	O.FM-11	Y	-1.089	-.017	7.126	8.771
1207	I.FM-11	Y	-.786	-1.459	0	.938
1208	I.FM-11	Y	-1.459	-1.664	.938	1.877
1209	I.FM-11	Y	-1.664	-.784	1.877	2.815
1210	I.FM-11	Y	-.784	-.034	2.815	3.754
1211	I.FM-11	Y	-.034	-.034	3.754	4.692
1212	O.FM-11	Y	2.025e-16	-.326	0	1.316
1213	O.FM-11	Y	-.326	-1.108	1.316	2.631
1214	O.FM-11	Y	-1.108	-1.448	2.631	3.947
1215	O.FM-11	Y	-1.448	-.666	3.947	5.262
1216	O.FM-11	Y	-.666	2.025e-16	5.262	6.578
1217	I.FM-11	Y	-4.714	-1.386	0	1.043
1218	I.FM-11	Y	-1.386	.277	1.043	2.085
1219	I.FM-11	Y	.277	.277	2.085	3.128
1220	I.FM-12	Y	.034	.034	12.512	13.555
1221	I.FM-12	Y	.034	-.172	13.555	14.597
1222	I.FM-12	Y	-1.651	-.986	14.597	15.64
1223	O.FM-11	Y	-.07	-1.182	0	1.096
1224	O.FM-11	Y	-1.182	-.904	1.096	2.193
1225	O.FM-11	Y	-.904	-.07	2.193	3.289
1226	O.FM-11	Y	-.07	-.07	3.289	4.385
1227	O.FM-12	Y	-.07	-.07	17.541	18.638
1228	O.FM-12	Y	-.07	-.904	18.638	19.734
1229	O.FM-12	Y	-.904	-1.182	19.734	20.83
1230	O.FM-12	Y	-1.182	-.07	20.83	21.927
1231	I.FM-12	Y	-.054	-.054	10.948	11.886
1232	I.FM-12	Y	-.054	-.804	11.886	12.825
1233	I.FM-12	Y	-.804	-1.786	12.825	13.763
1234	I.FM-12	Y	-1.786	-1.479	13.763	14.702
1235	O.FM-12	Y	-2.025e-16	-.666	15.349	16.664
1236	O.FM-12	Y	-.666	-1.448	16.664	17.98
1237	O.FM-12	Y	-1.448	-1.108	17.98	19.296
1238	O.FM-12	Y	-1.108	-.326	19.296	20.611
1239	O.FM-12	Y	-.326	-2.025e-16	20.611	21.927
1240	I.FM-12	Y	0	-.865	9.384	10.557
1241	I.FM-12	Y	-.865	-1.73	10.557	11.73
1242	I.FM-12	Y	-1.73	-.865	11.73	12.903

Member Distributed Loads (BLC 213 : BLC 1 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
1243	I.FM-12	Y	-.865	0	12.903	14.076
1244	O.FM-12	Y	1.013e-16	-1.153	13.156	14.801
1245	O.FM-12	Y	-1.153	-1.412	14.801	16.445
1246	O.FM-12	Y	-1.412	-.259	16.445	18.09
1247	O.FM-12	Y	-.259	1.013e-16	18.09	19.734
1248	I.FM-12	Y	-1.568	-.863	7.82	10.166
1249	I.FM-12	Y	-.863	-.157	10.166	12.512
1250	O.FM-12	Y	-1.056	-1.056	10.963	13.156
1251	O.FM-12	Y	-1.056	-1.056	13.156	15.349
1252	I.FM-12	Y	-.668	-1.056	4.692	9.384
1253	O.FM-12	Y	-3.93	-9.325	9.463	9.583
1254	O.FM-12	Y	-9.325	-5.879	9.583	9.704
1255	O.FM-12	Y	-5.879	.265	9.704	9.825
1256	O.FM-12	Y	.265	.265	9.825	9.945
1257	O.FM-12	Y	.265	.265	9.945	10.066
1258	O.FM-12	Y	.265	.265	10.066	10.186
1259	O.FM-12	Y	.265	.265	10.186	10.307
1260	O.FM-12	Y	.265	.265	10.307	10.428
1261	O.FM-12	Y	.265	.265	10.428	10.548
1262	O.FM-12	Y	.265	.265	10.548	10.669
1263	O.FM-12	Y	.265	.265	10.669	10.79
1264	O.FM-12	Y	.265	-9.325	10.79	10.91
1265	O.FM-12	Y	-9.325	-28.505	10.91	11.031
1266	I.FM-12	Y	0	-2.915	1.564	3.649
1267	I.FM-12	Y	-2.915	-2.915	3.649	5.735
1268	I.FM-12	Y	-2.915	0	5.735	7.82
1269	O.FM-12	Y	0	-3.171	4.385	6.578
1270	O.FM-12	Y	-3.171	-3.171	6.578	8.771
1271	O.FM-12	Y	-3.171	0	8.771	10.963
1272	I.FM-12	Y	-1.42e-16	-.441	0	.938
1273	I.FM-12	Y	-.441	-1.084	.938	1.877
1274	I.FM-12	Y	-1.084	-1.727	1.877	2.815
1275	I.FM-12	Y	-1.727	-1.084	2.815	3.754
1276	I.FM-12	Y	-1.084	-1.42e-16	3.754	4.692
1277	O.FM-12	Y	2.025e-16	-.885	2.193	3.508
1278	O.FM-12	Y	-.885	-1.769	3.508	4.824
1279	O.FM-12	Y	-1.769	-.885	4.824	6.139
1280	O.FM-12	Y	-.885	2.025e-16	6.139	7.455
1281	O.FM-12	Y	2.025e-16	2.025e-16	7.455	8.771
1282	I.FM-12	Y	-5.079	-2.456	0	.782
1283	I.FM-12	Y	-2.456	-.49	.782	1.564
1284	I.FM-12	Y	-.49	.164	1.564	2.346
1285	I.FM-12	Y	.164	.164	2.346	3.128
1286	O.FM-12	Y	-.148	-1.274	0	1.316
1287	O.FM-12	Y	-1.274	-1.51	1.316	2.631
1288	O.FM-12	Y	-1.51	-.62	2.631	3.947
1289	O.FM-12	Y	-.62	-.056	3.947	5.262
1290	O.FM-12	Y	-.056	-.056	5.262	6.578
1291	I.FM-12	Y	-1.561	-1.561	0	1.001
1292	I.FM-13	Y	-.023	-.023	12.512	13.294
1293	I.FM-13	Y	-.023	-.927	13.294	14.076
1294	I.FM-13	Y	-.927	-1.644	14.076	14.858
1295	I.FM-13	Y	-1.644	-1.272	14.858	15.64
1296	O.FM-13	Y	-.056	-.056	15.349	16.664
1297	O.FM-13	Y	-.056	-.62	16.664	17.98
1298	O.FM-13	Y	-.62	-1.51	17.98	19.296
1299	O.FM-13	Y	-1.51	-1.274	19.296	20.611

Member Distributed Loads (BLC 213 : BLC 1 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
1300	O.FM-13	Y	-1.274	-.148	20.611	21.927
1301	I.FM-13	Y	1.42e-16	-1.084	10.948	11.886
1302	I.FM-13	Y	-1.084	-1.94	11.886	12.825
1303	I.FM-13	Y	-1.94	-1.084	12.825	13.763
1304	I.FM-13	Y	-1.084	-.228	13.763	14.702
1305	I.FM-13	Y	-.228	1.42e-16	14.702	15.64
1306	O.FM-13	Y	-.022	-.389	13.156	14.801
1307	O.FM-13	Y	-.389	-1.348	14.801	16.445
1308	O.FM-13	Y	-1.348	-1.071	16.445	18.09
1309	O.FM-13	Y	-1.071	-.022	18.09	19.734
1310	I.FM-13	Y	1.134e-7	-.648	7.82	9.384
1311	I.FM-13	Y	-.648	-1.296	9.384	10.948
1312	I.FM-13	Y	-1.296	-1.296	10.948	12.512
1313	O.FM-13	Y	-1.013e-16	-.705	10.963	12.608
1314	O.FM-13	Y	-.705	-1.409	12.608	14.252
1315	O.FM-13	Y	-1.409	-.705	14.252	15.897
1316	O.FM-13	Y	-.705	-1.013e-16	15.897	17.541
1317	I.FM-13	Y	-1.019	-.705	6.256	10.948
1318	O.FM-13	Y	-.702	-.705	8.771	15.349
1319	I.FM-13	Y	-.157	-.863	3.128	5.474
1320	I.FM-13	Y	-.863	-1.568	5.474	7.82
1321	O.FM-13	Y	-1.056	-1.056	6.578	8.771
1322	O.FM-13	Y	-1.056	-1.056	8.771	10.963
1323	I.FM-13	Y	1.42e-16	-.825	1.564	2.502
1324	I.FM-13	Y	-.825	-1.721	2.502	3.441
1325	I.FM-13	Y	-1.721	-1.338	3.441	4.379
1326	I.FM-13	Y	-1.338	-.442	4.379	5.318
1327	I.FM-13	Y	-.442	1.42e-16	5.318	6.256
1328	O.FM-13	Y	-.017	-.357	2.193	3.837
1329	O.FM-13	Y	-.357	-1.361	3.837	5.482
1330	O.FM-13	Y	-1.361	-1.089	5.482	7.126
1331	O.FM-13	Y	-1.089	-.017	7.126	8.771
1332	I.FM-13	Y	-.786	-1.459	0	.938
1333	I.FM-13	Y	-1.459	-1.664	.938	1.877
1334	I.FM-13	Y	-1.664	-.784	1.877	2.815
1335	I.FM-13	Y	-.784	-.034	2.815	3.754
1336	I.FM-13	Y	-.034	-.034	3.754	4.692
1337	O.FM-13	Y	1.013e-16	-.326	0	1.316
1338	O.FM-13	Y	-.326	-1.108	1.316	2.631
1339	O.FM-13	Y	-1.108	-1.448	2.631	3.947
1340	O.FM-13	Y	-1.448	-.666	3.947	5.262
1341	O.FM-13	Y	-.666	1.013e-16	5.262	6.578
1342	I.FM-13	Y	-4.714	-1.386	0	1.043
1343	I.FM-13	Y	-1.386	.277	1.043	2.085
1344	I.FM-13	Y	.277	.277	2.085	3.128
1345	I.FM-14	Y	.034	.034	12.513	13.555
1346	I.FM-14	Y	.034	-.172	13.555	14.598
1347	I.FM-14	Y	-1.651	-.986	14.598	15.641
1348	O.FM-13	Y	-.07	-1.182	0	1.096
1349	O.FM-13	Y	-1.182	-.904	1.096	2.193
1350	O.FM-13	Y	-.904	-.069	2.193	3.289
1351	O.FM-13	Y	-.069	-.069	3.289	4.385
1352	O.FM-14	Y	-.069	-.069	17.542	18.638
1353	O.FM-14	Y	-.069	-.904	18.638	19.734
1354	O.FM-14	Y	-.904	-1.182	19.734	20.831
1355	O.FM-14	Y	-1.182	-.07	20.831	21.927
1356	I.FM-14	Y	-.054	-.054	10.949	11.887

Member Distributed Loads (BLC 213 : BLC 1 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
1357	I.FM-14	Y	-.054	-.804	11.887	12.825
1358	I.FM-14	Y	-.804	-1.786	12.825	13.764
1359	I.FM-14	Y	-1.786	-1.479	13.764	14.702
1360	O.FM-14	Y	1.013e-16	-.666	15.349	16.665
1361	O.FM-14	Y	-.666	-1.448	16.665	17.98
1362	O.FM-14	Y	-1.448	-1.108	17.98	19.296
1363	O.FM-14	Y	-1.108	-.326	19.296	20.611
1364	O.FM-14	Y	-.326	1.013e-16	20.611	21.927
1365	I.FM-14	Y	-1.42e-16	-.865	9.384	10.558
1366	I.FM-14	Y	-.865	-1.73	10.558	11.731
1367	I.FM-14	Y	-1.73	-.865	11.731	12.904
1368	I.FM-14	Y	-.865	-1.42e-16	12.904	14.077
1369	O.FM-14	Y	0	-1.153	13.156	14.801
1370	O.FM-14	Y	-1.153	-1.412	14.801	16.445
1371	O.FM-14	Y	-1.412	-.259	16.445	18.09
1372	O.FM-14	Y	-.259	0	18.09	19.734
1373	I.FM-14	Y	-1.296	-.772	7.82	10.167
1374	I.FM-14	Y	-.772	-.248	10.167	12.513
1375	O.FM-14	Y	-.902	-1.005	10.964	13.156
1376	O.FM-14	Y	-1.005	-1.107	13.156	15.349
1377	I.FM-14	Y	-1.157	-1.157	6.139	8.381
1378	O.FM-14	Y	-2.224	-2.224	9.463	11.027
1379	I.FM-14	Y	-.314	-.392	3.128	5.474
1380	I.FM-14	Y	-.392	-.47	5.474	7.82
1381	O.FM-14	Y	-.365	-.392	4.385	10.964
1382	I.FM-14	Y	.061	-.182	0	2.346
1383	I.FM-14	Y	-.182	-.667	2.346	4.692
1384	O.FM-14	Y	-.329	-.451	2.193	4.385
1385	O.FM-14	Y	-.451	-.572	4.385	6.578
1386	I.FM-14	Y	-.252	-.252	0	1.89
1387	O.FM-14	Y	-.149	-.252	0	4.385
1388	I.FM-15	Y	-.232	-.232	13.589	15.639
1389	O.FM-15	Y	-.169	-.232	17.541	21.926

Member Distributed Loads (BLC 214 : BLC 14 Transient Area Loads)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
1	I.FM-15	Y	-1.511	-1.511	10.947	15.639
2	O.FM-15	Y	-3.567	-2.81	15.348	17.541
3	O.FM-15	Y	-2.81	-2.053	17.541	19.734
4	SA-2	Y	-.254	-6.126	42.001	46.202
5	SA-2	Y	-6.126	-12.157	46.202	50.402
6	SA-2	Y	-12.157	-13.901	50.402	54.602
7	SA-2	Y	-13.901	-12.095	54.602	58.802
8	SA-2	Y	-12.095	-6.421	58.802	63.002
9	SA-2	Y	-6.421	-1.647	63.002	67.202
10	I.FM-15	Y	-2.933	-2.446	7.82	10.166
11	I.FM-15	Y	-2.446	-1.959	10.166	12.511
12	O.FM-15	Y	-2.846	-2.36	10.963	14.252
13	O.FM-15	Y	-2.36	-1.874	14.252	17.541
14	I.FM-15	Y	-7.615	-7.615	7.291	9.415
15	O.FM-15	Y	-7.764	-7.764	10.26	13.052
16	SA-2	Y	-.111	-.111	42.001	45.362
17	SA-2	Y	-.111	-1.224	45.362	48.722
18	SA-2	Y	-1.224	-3.634	48.722	52.082
19	SA-2	Y	-5.919	-6.109	52.082	55.442
20	SA-2	Y	-3.824	-1.611	55.442	58.802

Member Distributed Loads (BLC 214 : BLC 14 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
21	I.FM-15	Y	-1.544	-4.812	3.128	5.474
22	I.FM-15	Y	-4.812	-8.08	5.474	7.82
23	O.FM-15	Y	-6.901	-6.263	6.578	8.771
24	O.FM-15	Y	-6.263	-5.626	8.771	10.963
25	I.FM-15	Y	0	-5.143	1.564	2.502
26	I.FM-15	Y	-5.143	-10.727	2.502	3.441
27	I.FM-15	Y	-10.727	-8.342	3.441	4.379
28	I.FM-15	Y	-8.342	-2.758	4.379	5.317
29	I.FM-15	Y	-2.758	0	5.317	6.256
30	O.FM-15	Y	-.106	-2.227	2.193	3.837
31	O.FM-15	Y	-2.227	-8.483	3.837	5.482
32	O.FM-15	Y	-8.483	-6.788	5.482	7.126
33	O.FM-15	Y	-6.788	-.106	7.126	8.771
34	I.FM-15	Y	-4.901	-9.093	0	.938
35	I.FM-15	Y	-9.093	-10.375	.938	1.877
36	I.FM-15	Y	-10.375	-4.885	1.877	2.815
37	I.FM-15	Y	-4.885	-.21	2.815	3.753
38	I.FM-15	Y	-.21	-.21	3.753	4.692
39	O.FM-15	Y	8.101e-16	-2.033	0	1.316
40	O.FM-15	Y	-2.033	-6.908	1.316	2.631
41	O.FM-15	Y	-6.908	-9.03	2.631	3.947
42	O.FM-15	Y	-9.03	-4.155	3.947	5.262
43	O.FM-15	Y	-4.155	8.101e-16	5.262	6.578
44	I.FM-15	Y	-29.387	-8.643	0	1.043
45	I.FM-15	Y	-8.643	1.729	1.043	2.085
46	I.FM-15	Y	1.729	1.729	2.085	3.128
47	I.FM-16	Y	.215	.215	12.512	13.555
48	I.FM-16	Y	.215	-1.075	13.555	14.597
49	I.FM-16	Y	-10.295	-6.148	14.597	15.64
50	O.FM-15	Y	-.437	-7.37	0	1.096
51	O.FM-15	Y	-7.37	-5.635	1.096	2.193
52	O.FM-15	Y	-5.635	-.433	2.193	3.289
53	O.FM-15	Y	-.433	-.433	3.289	4.385
54	O.FM-16	Y	-.433	-.433	17.541	18.638
55	O.FM-16	Y	-.433	-5.635	18.638	19.734
56	O.FM-16	Y	-5.635	-7.37	19.734	20.83
57	O.FM-16	Y	-7.37	-.437	20.83	21.927
58	I.FM-16	Y	-.336	-.336	10.948	11.886
59	I.FM-16	Y	-.336	-5.011	11.886	12.825
60	I.FM-16	Y	-5.011	-11.135	12.825	13.763
61	I.FM-16	Y	-11.135	-9.22	13.763	14.702
62	O.FM-16	Y	8.101e-16	-4.155	15.349	16.664
63	O.FM-16	Y	-4.155	-9.03	16.664	17.98
64	O.FM-16	Y	-9.03	-6.908	17.98	19.296
65	O.FM-16	Y	-6.908	-2.033	19.296	20.611
66	O.FM-16	Y	-2.033	8.101e-16	20.611	21.927
67	I.FM-16	Y	-1.136e-15	-5.394	9.384	10.557
68	I.FM-16	Y	-5.394	-10.788	10.557	11.73
69	I.FM-16	Y	-10.788	-5.394	11.73	12.903
70	I.FM-16	Y	-5.394	-1.136e-15	12.903	14.076
71	O.FM-16	Y	-8.101e-16	-7.185	13.156	14.801
72	O.FM-16	Y	-7.185	-8.802	14.801	16.445
73	O.FM-16	Y	-8.802	-1.617	16.445	18.09
74	O.FM-16	Y	-1.617	-8.101e-16	18.09	19.734
75	I.FM-16	Y	-9.777	-5.378	7.82	10.166
76	I.FM-16	Y	-5.378	-.978	10.166	12.512
77	O.FM-16	Y	-6.581	-6.582	10.963	13.156

Member Distributed Loads (BLC 214 : BLC 14 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
78	O.FM-16	Y	-6.582	-6.582	13.156	15.349
79	I.FM-16	Y	-4.167	-6.582	4.692	9.384
80	O.FM-16	Y	-24.5	-58.135	9.463	9.583
81	O.FM-16	Y	-58.135	-36.65	9.583	9.704
82	O.FM-16	Y	-36.65	1.653	9.704	9.825
83	O.FM-16	Y	1.653	1.653	9.825	9.945
84	O.FM-16	Y	1.653	1.653	9.945	10.066
85	O.FM-16	Y	1.653	1.653	10.066	10.186
86	O.FM-16	Y	1.653	1.653	10.186	10.307
87	O.FM-16	Y	1.653	1.653	10.307	10.428
88	O.FM-16	Y	1.653	1.653	10.428	10.548
89	O.FM-16	Y	1.653	1.653	10.548	10.669
90	O.FM-16	Y	1.653	1.653	10.669	10.79
91	O.FM-16	Y	1.653	-58.134	10.79	10.91
92	O.FM-16	Y	-58.134	-177.708	10.91	11.031
93	I.FM-16	Y	0	-6.058	1.564	3.649
94	I.FM-16	Y	-6.058	-6.058	3.649	5.735
95	I.FM-16	Y	-6.058	0	5.735	7.82
96	O.FM-16	Y	0	-6.59	4.385	6.578
97	O.FM-16	Y	-6.59	-6.59	6.578	8.771
98	O.FM-16	Y	-6.59	0	8.771	10.963
99	I.FM-16	Y	0	-2.752	0	.938
100	I.FM-16	Y	-2.752	-6.76	.938	1.877
101	I.FM-16	Y	-6.76	-10.768	1.877	2.815
102	I.FM-16	Y	-10.768	-6.76	2.815	3.754
103	I.FM-16	Y	-6.76	0	3.754	4.692
104	O.FM-16	Y	8.101e-16	-5.516	2.193	3.508
105	O.FM-16	Y	-5.516	-11.031	3.508	4.824
106	O.FM-16	Y	-11.031	-5.515	4.824	6.139
107	O.FM-16	Y	-5.515	8.101e-16	6.139	7.455
108	O.FM-16	Y	8.101e-16	8.101e-16	7.455	8.771
109	I.FM-16	Y	-31.662	-15.312	0	.782
110	I.FM-16	Y	-15.312	-3.057	.782	1.564
111	I.FM-16	Y	-3.057	1.022	1.564	2.346
112	I.FM-16	Y	1.022	1.022	2.346	3.128
113	O.FM-16	Y	-.922	-7.944	0	1.316
114	O.FM-16	Y	-7.944	-9.416	1.316	2.631
115	O.FM-16	Y	-9.416	-3.864	2.631	3.947
116	O.FM-16	Y	-3.864	-.351	3.947	5.262
117	O.FM-16	Y	-.351	-.351	5.262	6.578
118	I.FM-16	Y	-9.733	-9.733	0	1.001
119	I.FM-17	Y	-.145	-.145	12.512	13.294
120	I.FM-17	Y	-.145	-5.777	13.294	14.076
121	I.FM-17	Y	-5.777	-10.249	14.076	14.858
122	I.FM-17	Y	-10.249	-7.929	14.858	15.64
123	O.FM-17	Y	-.351	-.351	15.349	16.664
124	O.FM-17	Y	-.351	-3.864	16.664	17.98
125	O.FM-17	Y	-3.864	-9.416	17.98	19.296
126	O.FM-17	Y	-9.416	-7.944	19.296	20.611
127	O.FM-17	Y	-7.944	-.922	20.611	21.927
128	I.FM-17	Y	0	-6.76	10.948	11.886
129	I.FM-17	Y	-6.76	-12.097	11.886	12.825
130	I.FM-17	Y	-12.097	-6.76	12.825	13.763
131	I.FM-17	Y	-6.76	-1.423	13.763	14.702
132	I.FM-17	Y	-1.423	0	14.702	15.64
133	O.FM-17	Y	-.139	-2.426	13.156	14.801
134	O.FM-17	Y	-2.426	-8.407	14.801	16.445

Member Distributed Loads (BLC 214 : BLC 14 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
135	O.FM-17	Y	-8.407	-6.678	16.445	18.09
136	O.FM-17	Y	-6.678	-.139	18.09	19.734
137	I.FM-17	Y	7.071e-7	-4.038	7.82	9.384
138	I.FM-17	Y	-4.038	-8.077	9.384	10.948
139	I.FM-17	Y	-8.077	-8.077	10.948	12.512
140	O.FM-17	Y	0	-4.393	10.963	12.608
141	O.FM-17	Y	-4.393	-8.787	12.608	14.252
142	O.FM-17	Y	-8.787	-4.394	14.252	15.897
143	O.FM-17	Y	-4.394	0	15.897	17.541
144	I.FM-17	Y	-6.356	-4.393	6.256	10.948
145	O.FM-17	Y	-4.377	-4.393	8.771	15.349
146	I.FM-17	Y	-.978	-5.378	3.128	5.474
147	I.FM-17	Y	-5.378	-9.777	5.474	7.82
148	O.FM-17	Y	-6.582	-6.582	6.578	8.771
149	O.FM-17	Y	-6.582	-6.581	8.771	10.963
150	I.FM-17	Y	0	-5.143	1.564	2.502
151	I.FM-17	Y	-5.143	-10.727	2.502	3.441
152	I.FM-17	Y	-10.727	-8.342	3.441	4.379
153	I.FM-17	Y	-8.342	-2.758	4.379	5.318
154	I.FM-17	Y	-2.758	0	5.318	6.256
155	O.FM-17	Y	-.106	-2.227	2.193	3.837
156	O.FM-17	Y	-2.227	-8.483	3.837	5.482
157	O.FM-17	Y	-8.483	-6.788	5.482	7.126
158	O.FM-17	Y	-6.788	-.106	7.126	8.771
159	I.FM-17	Y	-4.901	-9.093	0	.938
160	I.FM-17	Y	-9.093	-10.374	.938	1.877
161	I.FM-17	Y	-10.374	-4.885	1.877	2.815
162	I.FM-17	Y	-4.885	-.21	2.815	3.754
163	I.FM-17	Y	-.21	-.21	3.754	4.692
164	O.FM-17	Y	-8.101e-16	-2.033	0	1.316
165	O.FM-17	Y	-2.033	-6.908	1.316	2.631
166	O.FM-17	Y	-6.908	-9.03	2.631	3.947
167	O.FM-17	Y	-9.03	-4.155	3.947	5.262
168	O.FM-17	Y	-4.155	-8.101e-16	5.262	6.578
169	I.FM-17	Y	-29.385	-8.643	0	1.043
170	I.FM-17	Y	-8.643	1.729	1.043	2.085
171	I.FM-17	Y	1.729	1.729	2.085	3.128
172	I.FM-18	Y	.215	.215	12.512	13.555
173	I.FM-18	Y	.215	-1.075	13.555	14.597
174	I.FM-18	Y	-10.295	-6.148	14.597	15.64
175	O.FM-17	Y	-.437	-7.37	0	1.096
176	O.FM-17	Y	-7.37	-5.635	1.096	2.193
177	O.FM-17	Y	-5.635	-.433	2.193	3.289
178	O.FM-17	Y	-.433	-.433	3.289	4.385
179	O.FM-18	Y	-.433	-.433	17.541	18.638
180	O.FM-18	Y	-.433	-5.635	18.638	19.734
181	O.FM-18	Y	-5.635	-7.37	19.734	20.83
182	O.FM-18	Y	-7.37	-.437	20.83	21.927
183	I.FM-18	Y	-.336	-.336	10.948	11.886
184	I.FM-18	Y	-.336	-5.011	11.886	12.825
185	I.FM-18	Y	-5.011	-11.135	12.825	13.763
186	I.FM-18	Y	-11.135	-9.22	13.763	14.702
187	O.FM-18	Y	0	-4.155	15.349	16.664
188	O.FM-18	Y	-4.155	-9.03	16.664	17.98
189	O.FM-18	Y	-9.03	-6.908	17.98	19.296
190	O.FM-18	Y	-6.908	-2.033	19.296	20.611
191	O.FM-18	Y	-2.033	0	20.611	21.927

Member Distributed Loads (BLC 214 : BLC 14 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
192	I.FM-18	Y	0	-5.394	9.384	10.557
193	I.FM-18	Y	-5.394	-10.788	10.557	11.73
194	I.FM-18	Y	-10.788	-5.394	11.73	12.903
195	I.FM-18	Y	-5.394	0	12.903	14.076
196	O.FM-18	Y	0	-7.185	13.156	14.801
197	O.FM-18	Y	-7.185	-8.802	14.801	16.445
198	O.FM-18	Y	-8.802	-1.617	16.445	18.09
199	O.FM-18	Y	-1.617	0	18.09	19.734
200	I.FM-18	Y	-9.777	-5.378	7.82	10.166
201	I.FM-18	Y	-5.378	-.978	10.166	12.512
202	O.FM-18	Y	-6.581	-6.582	10.963	13.156
203	O.FM-18	Y	-6.582	-6.582	13.156	15.349
204	I.FM-18	Y	-4.167	-6.582	4.692	9.384
205	O.FM-18	Y	-24.5	-58.135	9.463	9.583
206	O.FM-18	Y	-58.135	-36.65	9.583	9.704
207	O.FM-18	Y	-36.65	1.653	9.704	9.825
208	O.FM-18	Y	1.653	1.653	9.825	9.945
209	O.FM-18	Y	1.653	1.653	9.945	10.066
210	O.FM-18	Y	1.653	1.653	10.066	10.186
211	O.FM-18	Y	1.653	1.653	10.186	10.307
212	O.FM-18	Y	1.653	1.653	10.307	10.428
213	O.FM-18	Y	1.653	1.653	10.428	10.548
214	O.FM-18	Y	1.653	1.653	10.548	10.669
215	O.FM-18	Y	1.653	1.653	10.669	10.79
216	O.FM-18	Y	1.653	-58.134	10.79	10.91
217	O.FM-18	Y	-58.134	-177.708	10.91	11.031
218	I.FM-18	Y	0	-6.058	1.564	3.649
219	I.FM-18	Y	-6.058	-6.058	3.649	5.735
220	I.FM-18	Y	-6.058	0	5.735	7.82
221	O.FM-18	Y	0	-6.59	4.385	6.578
222	O.FM-18	Y	-6.59	-6.59	6.578	8.771
223	O.FM-18	Y	-6.59	0	8.771	10.963
224	I.FM-18	Y	0	-2.752	0	.938
225	I.FM-18	Y	-2.752	-6.76	.938	1.877
226	I.FM-18	Y	-6.76	-10.768	1.877	2.815
227	I.FM-18	Y	-10.768	-6.76	2.815	3.754
228	I.FM-18	Y	-6.76	0	3.754	4.692
229	O.FM-18	Y	0	-5.516	2.193	3.508
230	O.FM-18	Y	-5.516	-11.031	3.508	4.824
231	O.FM-18	Y	-11.031	-5.515	4.824	6.139
232	O.FM-18	Y	-5.515	0	6.139	7.455
233	I.FM-18	Y	-31.662	-15.312	0	.782
234	I.FM-18	Y	-15.312	-3.057	.782	1.564
235	I.FM-18	Y	-3.057	1.022	1.564	2.346
236	I.FM-18	Y	1.022	1.022	2.346	3.128
237	O.FM-18	Y	-.922	-7.944	0	1.316
238	O.FM-18	Y	-7.944	-9.416	1.316	2.631
239	O.FM-18	Y	-9.416	-3.864	2.631	3.947
240	O.FM-18	Y	-3.864	-.351	3.947	5.262
241	O.FM-18	Y	-.351	-.351	5.262	6.578
242	I.FM-18	Y	-9.733	-9.733	0	1.001
243	I.FM-19	Y	-.145	-.145	12.512	13.294
244	I.FM-19	Y	-.145	-5.777	13.294	14.076
245	I.FM-19	Y	-5.777	-10.249	14.076	14.858
246	I.FM-19	Y	-10.249	-7.929	14.858	15.64
247	O.FM-19	Y	-.351	-.351	15.349	16.664
248	O.FM-19	Y	-.351	-3.864	16.664	17.98

Member Distributed Loads (BLC 214 : BLC 14 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
249	O.FM-19	Y	-3.864	-9.416	17.98	19.296
250	O.FM-19	Y	-9.416	-7.944	19.296	20.611
251	O.FM-19	Y	-7.944	-.922	20.611	21.927
252	I.FM-19	Y	-1.136e-15	-6.76	10.948	11.886
253	I.FM-19	Y	-6.76	-12.097	11.886	12.825
254	I.FM-19	Y	-12.097	-6.76	12.825	13.763
255	I.FM-19	Y	-6.76	-1.423	13.763	14.702
256	I.FM-19	Y	-1.423	-1.136e-15	14.702	15.64
257	O.FM-19	Y	-.139	-2.426	13.156	14.801
258	O.FM-19	Y	-2.426	-8.407	14.801	16.445
259	O.FM-19	Y	-8.407	-6.678	16.445	18.09
260	O.FM-19	Y	-6.678	-.139	18.09	19.734
261	I.FM-19	Y	7.071e-7	-4.038	7.82	9.384
262	I.FM-19	Y	-4.038	-8.077	9.384	10.948
263	I.FM-19	Y	-8.077	-8.077	10.948	12.512
264	O.FM-19	Y	8.101e-16	-4.393	10.963	12.608
265	O.FM-19	Y	-4.393	-8.787	12.608	14.252
266	O.FM-19	Y	-8.787	-4.394	14.252	15.897
267	O.FM-19	Y	-4.394	8.101e-16	15.897	17.541
268	I.FM-19	Y	-6.356	-4.393	6.256	10.948
269	O.FM-19	Y	-4.377	-4.393	8.771	15.349
270	I.FM-19	Y	-.978	-5.378	3.128	5.474
271	I.FM-19	Y	-5.378	-9.777	5.474	7.82
272	O.FM-19	Y	-6.582	-6.582	6.578	8.771
273	O.FM-19	Y	-6.582	-6.581	8.771	10.963
274	I.FM-19	Y	2.272e-15	-10.286	1.564	2.502
275	I.FM-19	Y	-10.286	-21.453	2.502	3.441
276	I.FM-19	Y	-21.453	-16.683	3.441	4.379
277	I.FM-19	Y	-16.683	-5.516	4.379	5.318
278	I.FM-19	Y	-5.516	2.272e-15	5.318	6.256
279	O.FM-19	Y	-.213	-4.455	2.193	3.837
280	O.FM-19	Y	-4.455	-16.965	3.837	5.482
281	O.FM-19	Y	-16.965	-13.575	5.482	7.126
282	O.FM-19	Y	-13.575	-.213	7.126	8.771
283	I.FM-19	Y	-4.901	-9.093	0	.938
284	I.FM-19	Y	-9.093	-10.374	.938	1.877
285	I.FM-19	Y	-10.374	-4.885	1.877	2.815
286	I.FM-19	Y	-4.885	-.21	2.815	3.754
287	I.FM-19	Y	-.21	-.21	3.754	4.692
288	O.FM-19	Y	0	-2.033	0	1.316
289	O.FM-19	Y	-2.033	-6.908	1.316	2.631
290	O.FM-19	Y	-6.908	-9.03	2.631	3.947
291	O.FM-19	Y	-9.03	-4.155	3.947	5.262
292	O.FM-19	Y	-4.155	0	5.262	6.578
293	I.FM-19	Y	-29.385	-8.643	0	1.043
294	I.FM-19	Y	-8.643	1.729	1.043	2.085
295	I.FM-19	Y	1.729	1.729	2.085	3.128
296	I.FM-20	Y	.215	.215	12.512	13.555
297	I.FM-20	Y	.215	-1.075	13.555	14.597
298	I.FM-20	Y	-10.295	-6.148	14.597	15.64
299	O.FM-19	Y	-.437	-7.37	0	1.096
300	O.FM-19	Y	-7.37	-5.635	1.096	2.193
301	O.FM-19	Y	-5.635	-.433	2.193	3.289
302	O.FM-19	Y	-.433	-.433	3.289	4.385
303	O.FM-20	Y	-.433	-.433	17.541	18.638
304	O.FM-20	Y	-.433	-5.635	18.638	19.734
305	O.FM-20	Y	-5.635	-7.37	19.734	20.83

Member Distributed Loads (BLC 214 : BLC 14 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
306	O.FM-20	Y	-7.37	-.437	20.83	21.927
307	I.FM-20	Y	-.336	-.336	10.948	11.886
308	I.FM-20	Y	-.336	-5.011	11.886	12.825
309	I.FM-20	Y	-5.011	-11.135	12.825	13.763
310	I.FM-20	Y	-11.135	-9.22	13.763	14.702
311	O.FM-20	Y	8.101e-16	-4.155	15.349	16.664
312	O.FM-20	Y	-4.155	-9.03	16.664	17.98
313	O.FM-20	Y	-9.03	-6.908	17.98	19.296
314	O.FM-20	Y	-6.908	-2.033	19.296	20.611
315	O.FM-20	Y	-2.033	8.101e-16	20.611	21.927
316	I.FM-20	Y	1.136e-15	-5.394	9.384	10.557
317	I.FM-20	Y	-5.394	-10.788	10.557	11.73
318	I.FM-20	Y	-10.788	-5.394	11.73	12.903
319	I.FM-20	Y	-5.394	1.136e-15	12.903	14.076
320	O.FM-20	Y	-8.101e-16	-7.185	13.156	14.801
321	O.FM-20	Y	-7.185	-8.802	14.801	16.445
322	O.FM-20	Y	-8.802	-1.617	16.445	18.09
323	O.FM-20	Y	-1.617	-8.101e-16	18.09	19.734
324	I.FM-20	Y	-9.777	-5.378	7.82	10.166
325	I.FM-20	Y	-5.378	-.978	10.166	12.512
326	O.FM-20	Y	-6.581	-6.582	10.963	13.156
327	O.FM-20	Y	-6.582	-6.582	13.156	15.349
328	I.FM-20	Y	-4.167	-6.582	4.692	9.384
329	O.FM-20	Y	-24.5	-58.135	9.463	9.583
330	O.FM-20	Y	-58.135	-36.65	9.583	9.704
331	O.FM-20	Y	-36.65	1.653	9.704	9.825
332	O.FM-20	Y	1.653	1.653	9.825	9.945
333	O.FM-20	Y	1.653	1.653	9.945	10.066
334	O.FM-20	Y	1.653	1.653	10.066	10.186
335	O.FM-20	Y	1.653	1.653	10.186	10.307
336	O.FM-20	Y	1.653	1.653	10.307	10.428
337	O.FM-20	Y	1.653	1.653	10.428	10.548
338	O.FM-20	Y	1.653	1.653	10.548	10.669
339	O.FM-20	Y	1.653	1.653	10.669	10.79
340	O.FM-20	Y	1.653	-58.134	10.79	10.91
341	O.FM-20	Y	-58.134	-177.708	10.91	11.031
342	I.FM-20	Y	0	-6.058	1.564	3.649
343	I.FM-20	Y	-6.058	-6.058	3.649	5.735
344	I.FM-20	Y	-6.058	0	5.735	7.82
345	O.FM-20	Y	0	-6.59	4.385	6.578
346	O.FM-20	Y	-6.59	-6.59	6.578	8.771
347	O.FM-20	Y	-6.59	0	8.771	10.963
348	I.FM-20	Y	0	-2.752	0	.938
349	I.FM-20	Y	-2.752	-6.76	.938	1.877
350	I.FM-20	Y	-6.76	-10.768	1.877	2.815
351	I.FM-20	Y	-10.768	-6.76	2.815	3.754
352	I.FM-20	Y	-6.76	0	3.754	4.692
353	O.FM-20	Y	-8.101e-16	-5.516	2.193	3.508
354	O.FM-20	Y	-5.516	-11.031	3.508	4.824
355	O.FM-20	Y	-11.031	-5.515	4.824	6.139
356	O.FM-20	Y	-5.515	-8.101e-16	6.139	7.455
357	O.FM-20	Y	-8.101e-16	-8.101e-16	7.455	8.771
358	I.FM-20	Y	-31.662	-15.312	0	.782
359	I.FM-20	Y	-15.312	-3.057	.782	1.564
360	I.FM-20	Y	-3.057	1.022	1.564	2.346
361	I.FM-20	Y	1.022	1.022	2.346	3.128
362	O.FM-20	Y	-.922	-7.944	0	1.316

Member Distributed Loads (BLC 214 : BLC 14 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
363	O.FM-20	Y	-7.944	-9.416	1.316	2.631
364	O.FM-20	Y	-9.416	-3.864	2.631	3.947
365	O.FM-20	Y	-3.864	-.351	3.947	5.262
366	O.FM-20	Y	-.351	-.351	5.262	6.578
367	I.FM-20	Y	-9.733	-9.733	0	1.001
368	I.FM-21	Y	-.145	-.145	12.512	13.294
369	I.FM-21	Y	-.145	-5.777	13.294	14.076
370	I.FM-21	Y	-5.777	-10.249	14.076	14.858
371	I.FM-21	Y	-10.249	-7.929	14.858	15.64
372	O.FM-21	Y	-.351	-.351	15.349	16.664
373	O.FM-21	Y	-.351	-3.864	16.664	17.98
374	O.FM-21	Y	-3.864	-9.416	17.98	19.296
375	O.FM-21	Y	-9.416	-7.944	19.296	20.611
376	O.FM-21	Y	-7.944	-.922	20.611	21.927
377	I.FM-21	Y	-1.136e-15	-6.76	10.948	11.886
378	I.FM-21	Y	-6.76	-12.097	11.886	12.825
379	I.FM-21	Y	-12.097	-6.76	12.825	13.763
380	I.FM-21	Y	-6.76	-1.423	13.763	14.702
381	I.FM-21	Y	-1.423	-1.136e-15	14.702	15.64
382	O.FM-21	Y	-.139	-2.426	13.156	14.801
383	O.FM-21	Y	-2.426	-8.407	14.801	16.445
384	O.FM-21	Y	-8.407	-6.678	16.445	18.09
385	O.FM-21	Y	-6.678	-.139	18.09	19.734
386	I.FM-21	Y	7.071e-7	-4.038	7.82	9.384
387	I.FM-21	Y	-4.038	-8.077	9.384	10.948
388	I.FM-21	Y	-8.077	-8.077	10.948	12.512
389	O.FM-21	Y	0	-4.393	10.963	12.608
390	O.FM-21	Y	-4.393	-8.787	12.608	14.252
391	O.FM-21	Y	-8.787	-4.394	14.252	15.897
392	O.FM-21	Y	-4.394	0	15.897	17.541
393	I.FM-21	Y	-6.356	-4.393	6.256	10.948
394	O.FM-21	Y	-4.377	-4.393	8.771	15.349
395	I.FM-21	Y	-.978	-5.378	3.128	5.474
396	I.FM-21	Y	-5.378	-9.777	5.474	7.82
397	O.FM-21	Y	-6.582	-6.582	6.578	8.771
398	O.FM-21	Y	-6.582	-6.581	8.771	10.963
399	I.FM-21	Y	-1.136e-15	-5.143	1.564	2.502
400	I.FM-21	Y	-5.143	-10.727	2.502	3.441
401	I.FM-21	Y	-10.727	-8.342	3.441	4.379
402	I.FM-21	Y	-8.342	-2.758	4.379	5.318
403	I.FM-21	Y	-2.758	-1.136e-15	5.318	6.256
404	O.FM-21	Y	-.106	-2.227	2.193	3.837
405	O.FM-21	Y	-2.227	-8.483	3.837	5.482
406	O.FM-21	Y	-8.483	-6.788	5.482	7.126
407	O.FM-21	Y	-6.788	-.106	7.126	8.771
408	I.FM-21	Y	-4.901	-9.093	0	.938
409	I.FM-21	Y	-9.093	-10.374	.938	1.877
410	I.FM-21	Y	-10.374	-4.885	1.877	2.815
411	I.FM-21	Y	-4.885	-.21	2.815	3.754
412	I.FM-21	Y	-.21	-.21	3.754	4.692
413	O.FM-21	Y	0	-2.033	0	1.316
414	O.FM-21	Y	-2.033	-6.908	1.316	2.631
415	O.FM-21	Y	-6.908	-9.03	2.631	3.947
416	O.FM-21	Y	-9.03	-4.155	3.947	5.262
417	O.FM-21	Y	-4.155	0	5.262	6.578
418	I.FM-21	Y	-29.385	-8.643	0	1.043
419	I.FM-21	Y	-8.643	1.729	1.043	2.085

Member Distributed Loads (BLC 214 : BLC 14 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
420	I.FM-21	Y	1.729	1.729	2.085	3.128
421	I.FM-22	Y	.215	.215	12.511	13.554
422	I.FM-22	Y	.215	-1.075	13.554	14.597
423	I.FM-22	Y	-10.295	-6.149	14.597	15.639
424	O.FM-21	Y	-.437	-7.37	0	1.096
425	O.FM-21	Y	-7.37	-5.635	1.096	2.193
426	O.FM-21	Y	-5.635	-.433	2.193	3.289
427	O.FM-21	Y	-.433	-.433	3.289	4.385
428	O.FM-22	Y	-.433	-.433	17.541	18.637
429	O.FM-22	Y	-.433	-5.635	18.637	19.734
430	O.FM-22	Y	-5.635	-7.37	19.734	20.83
431	O.FM-22	Y	-7.37	-.437	20.83	21.926
432	I.FM-22	Y	-.336	-.336	10.947	11.886
433	I.FM-22	Y	-.336	-5.012	11.886	12.824
434	I.FM-22	Y	-5.012	-11.135	12.824	13.763
435	I.FM-22	Y	-11.135	-9.22	13.763	14.701
436	O.FM-22	Y	0	-4.155	15.348	16.664
437	O.FM-22	Y	-4.155	-9.03	16.664	17.98
438	O.FM-22	Y	-9.03	-6.908	17.98	19.295
439	O.FM-22	Y	-6.908	-2.033	19.295	20.611
440	O.FM-22	Y	-2.033	0	20.611	21.926
441	I.FM-22	Y	0	-5.394	9.384	10.557
442	I.FM-22	Y	-5.394	-10.788	10.557	11.729
443	I.FM-22	Y	-10.788	-5.394	11.729	12.902
444	I.FM-22	Y	-5.394	0	12.902	14.075
445	O.FM-22	Y	0	-7.185	13.156	14.8
446	O.FM-22	Y	-7.185	-8.802	14.8	16.445
447	O.FM-22	Y	-8.802	-1.617	16.445	18.089
448	O.FM-22	Y	-1.617	0	18.089	19.734
449	I.FM-22	Y	-8.08	-4.812	7.82	10.166
450	I.FM-22	Y	-4.812	-1.544	10.166	12.511
451	O.FM-22	Y	-5.626	-6.263	10.963	13.156
452	O.FM-22	Y	-6.263	-6.901	13.156	15.348
453	SA-3	Y	-5.919	-6.109	51.605	55.152
454	I.FM-22	Y	-7.214	-7.214	6.138	8.379
455	O.FM-22	Y	-13.862	-13.862	9.462	11.026
456	SA-3	Y	-.111	-.111	42.001	45.362
457	SA-3	Y	-.111	-1.224	45.362	48.722
458	SA-3	Y	-1.224	-3.634	48.722	52.082
459	SA-3	Y	-3.824	-1.611	55.442	58.802
460	I.FM-22	Y	-1.959	-2.446	3.128	5.474
461	I.FM-22	Y	-2.446	-2.933	5.474	7.82
462	O.FM-22	Y	-2.275	-2.446	4.385	10.963
463	SA-3	Y	-.254	-6.126	42.001	46.202
464	SA-3	Y	-6.126	-12.157	46.202	50.402
465	SA-3	Y	-12.157	-13.901	50.402	54.602
466	SA-3	Y	-13.901	-12.095	54.602	58.802
467	SA-3	Y	-12.095	-6.421	58.802	63.002
468	SA-3	Y	-6.421	-1.647	63.002	67.202
469	I.FM-22	Y	.378	-1.134	0	2.346
470	I.FM-22	Y	-1.134	-4.156	2.346	4.692
471	O.FM-22	Y	-2.053	-2.81	2.193	4.385
472	O.FM-22	Y	-2.81	-3.567	4.385	6.578
473	I.FM-22	Y	-1.57	-1.57	0	1.889
474	O.FM-22	Y	-.93	-1.57	0	4.385
475	I.FM-23	Y	-1.446	-1.446	13.589	15.641
476	O.FM-23	Y	-1.054	-1.446	17.542	21.927

Member Distributed Loads (BLC 214 : BLC 14 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
477	I.FM-23	Y	-1.468	-1.554	10.949	15.641
478	O.FM-23	Y	-3.567	-2.81	15.349	17.542
479	O.FM-23	Y	-2.81	-2.053	17.542	19.734
480	I.FM-23	Y	-2.932	-2.446	7.82	10.167
481	I.FM-23	Y	-2.446	-1.959	10.167	12.513
482	O.FM-23	Y	-2.846	-2.36	10.964	14.253
483	O.FM-23	Y	-2.36	-1.874	14.253	17.542
484	I.FM-23	Y	-7.615	-7.615	7.291	9.415
485	O.FM-23	Y	-7.764	-7.764	10.26	13.052
486	I.FM-23	Y	-1.544	-4.812	3.128	5.474
487	I.FM-23	Y	-4.812	-8.079	5.474	7.82
488	O.FM-23	Y	-6.9	-6.263	6.578	8.771
489	O.FM-23	Y	-6.263	-5.626	8.771	10.964
490	I.FM-23	Y	0	-5.143	1.564	2.503
491	I.FM-23	Y	-5.143	-10.726	2.503	3.441
492	I.FM-23	Y	-10.726	-8.341	3.441	4.379
493	I.FM-23	Y	-8.341	-2.758	4.379	5.318
494	I.FM-23	Y	-2.758	0	5.318	6.256
495	O.FM-23	Y	-.106	-2.227	2.193	3.837
496	O.FM-23	Y	-2.227	-8.483	3.837	5.482
497	O.FM-23	Y	-8.483	-6.787	5.482	7.126
498	O.FM-23	Y	-6.787	-.106	7.126	8.771
499	I.FM-23	Y	-4.901	-9.093	0	.938
500	I.FM-23	Y	-9.093	-10.374	.938	1.877
501	I.FM-23	Y	-10.374	-4.884	1.877	2.815
502	I.FM-23	Y	-4.884	-.21	2.815	3.754
503	I.FM-23	Y	-.21	-.21	3.754	4.692
504	O.FM-23	Y	-8.101e-16	-2.033	0	1.316
505	O.FM-23	Y	-2.033	-6.908	1.316	2.631
506	O.FM-23	Y	-6.908	-9.03	2.631	3.947
507	O.FM-23	Y	-9.03	-4.155	3.947	5.262
508	O.FM-23	Y	-4.155	-8.101e-16	5.262	6.578
509	I.FM-23	Y	-29.384	-8.642	0	1.043
510	I.FM-23	Y	-8.642	1.728	1.043	2.085
511	I.FM-23	Y	1.728	1.728	2.085	3.128
512	I.FM-24	Y	.215	.215	12.512	13.555
513	I.FM-24	Y	.215	-1.075	13.555	14.597
514	I.FM-24	Y	-10.295	-6.148	14.597	15.64
515	O.FM-23	Y	-.437	-7.37	0	1.096
516	O.FM-23	Y	-7.37	-5.635	1.096	2.193
517	O.FM-23	Y	-5.635	-.433	2.193	3.289
518	O.FM-23	Y	-.433	-.433	3.289	4.385
519	O.FM-24	Y	-.433	-.433	17.541	18.638
520	O.FM-24	Y	-.433	-5.635	18.638	19.734
521	O.FM-24	Y	-5.635	-7.37	19.734	20.83
522	O.FM-24	Y	-7.37	-.437	20.83	21.927
523	I.FM-24	Y	-.336	-.336	10.948	11.886
524	I.FM-24	Y	-.336	-5.011	11.886	12.825
525	I.FM-24	Y	-5.011	-11.135	12.825	13.763
526	I.FM-24	Y	-11.135	-9.22	13.763	14.702
527	O.FM-24	Y	0	-4.155	15.349	16.664
528	O.FM-24	Y	-4.155	-9.03	16.664	17.98
529	O.FM-24	Y	-9.03	-6.908	17.98	19.296
530	O.FM-24	Y	-6.908	-2.033	19.296	20.611
531	O.FM-24	Y	-2.033	0	20.611	21.927
532	I.FM-24	Y	0	-5.394	9.384	10.557
533	I.FM-24	Y	-5.394	-10.788	10.557	11.73

Member Distributed Loads (BLC 214 : BLC 14 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
534	I.FM-24	Y	-10.788	-5.394	11.73	12.903
535	I.FM-24	Y	-5.394	0	12.903	14.076
536	O.FM-24	Y	0	-7.185	13.156	14.801
537	O.FM-24	Y	-7.185	-8.802	14.801	16.445
538	O.FM-24	Y	-8.802	-1.617	16.445	18.09
539	O.FM-24	Y	-1.617	0	18.09	19.734
540	I.FM-24	Y	-9.777	-5.378	7.82	10.166
541	I.FM-24	Y	-5.378	-.978	10.166	12.512
542	O.FM-24	Y	-6.581	-6.582	10.963	13.156
543	O.FM-24	Y	-6.582	-6.582	13.156	15.349
544	I.FM-24	Y	-4.167	-6.582	4.692	9.384
545	O.FM-24	Y	-24.5	-58.135	9.463	9.583
546	O.FM-24	Y	-58.135	-36.65	9.583	9.704
547	O.FM-24	Y	-36.65	1.653	9.704	9.825
548	O.FM-24	Y	1.653	1.653	9.825	9.945
549	O.FM-24	Y	1.653	1.653	9.945	10.066
550	O.FM-24	Y	1.653	1.653	10.066	10.186
551	O.FM-24	Y	1.653	1.653	10.186	10.307
552	O.FM-24	Y	1.653	1.653	10.307	10.428
553	O.FM-24	Y	1.653	1.653	10.428	10.548
554	O.FM-24	Y	1.653	1.653	10.548	10.669
555	O.FM-24	Y	1.653	1.653	10.669	10.79
556	O.FM-24	Y	1.653	-58.134	10.79	10.91
557	O.FM-24	Y	-58.134	-177.708	10.91	11.031
558	I.FM-24	Y	0	-6.058	1.564	3.649
559	I.FM-24	Y	-6.058	-6.058	3.649	5.735
560	I.FM-24	Y	-6.058	0	5.735	7.82
561	O.FM-24	Y	0	-6.59	4.385	6.578
562	O.FM-24	Y	-6.59	-6.59	6.578	8.771
563	O.FM-24	Y	-6.59	0	8.771	10.963
564	I.FM-24	Y	0	-2.752	0	.938
565	I.FM-24	Y	-2.752	-6.76	.938	1.877
566	I.FM-24	Y	-6.76	-10.768	1.877	2.815
567	I.FM-24	Y	-10.768	-6.76	2.815	3.754
568	I.FM-24	Y	-6.76	0	3.754	4.692
569	O.FM-24	Y	0	-5.516	2.193	3.508
570	O.FM-24	Y	-5.516	-11.031	3.508	4.824
571	O.FM-24	Y	-11.031	-5.515	4.824	6.139
572	O.FM-24	Y	-5.515	0	6.139	7.455
573	I.FM-1	Y	-11.015	-9.593	14.624	15.64
574	I.FM-24	Y	-13.753	-9.861	0	.782
575	I.FM-24	Y	-9.861	-3.836	.782	1.564
576	I.FM-24	Y	-3.836	.243	1.564	2.346
577	I.FM-24	Y	.243	.243	2.346	3.128
578	O.FM-24	Y	-.922	-7.944	0	1.316
579	O.FM-24	Y	-7.944	-9.416	1.316	2.631
580	O.FM-24	Y	-9.416	-3.864	2.631	3.947
581	O.FM-24	Y	-3.864	-.351	3.947	5.262
582	O.FM-24	Y	-.351	-.351	5.262	6.578
583	I.FM-1	Y	.634	.634	12.512	13.294
584	I.FM-1	Y	.634	-4.999	13.294	14.076
585	I.FM-1	Y	-4.999	-15.7	14.076	14.858
586	I.FM-1	Y	-15.7	-25.839	14.858	15.64
587	O.FM-1	Y	-.351	-.351	15.349	16.664
588	O.FM-1	Y	-.351	-3.864	16.664	17.98
589	O.FM-1	Y	-3.864	-9.416	17.98	19.296
590	O.FM-1	Y	-9.416	-7.944	19.296	20.611

Member Distributed Loads (BLC 214 : BLC 14 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
591	O.FM-1	Y	-7.944	-.922	20.611	21.927
592	I.FM-1	Y	-1.136e-15	-6.76	10.948	11.886
593	I.FM-1	Y	-6.76	-12.097	11.886	12.825
594	I.FM-1	Y	-12.097	-6.76	12.825	13.763
595	I.FM-1	Y	-6.76	-1.423	13.763	14.702
596	O.FM-1	Y	-.139	-2.426	13.156	14.801
597	O.FM-1	Y	-2.426	-8.407	14.801	16.445
598	O.FM-1	Y	-8.407	-6.678	16.445	18.09
599	O.FM-1	Y	-6.678	-.139	18.09	19.734
600	I.FM-1	Y	7.071e-7	-4.038	7.82	9.384
601	I.FM-1	Y	-4.038	-8.077	9.384	10.948
602	I.FM-1	Y	-8.077	-8.077	10.948	12.512
603	O.FM-1	Y	8.101e-16	-4.393	10.963	12.608
604	O.FM-1	Y	-4.393	-8.787	12.608	14.252
605	O.FM-1	Y	-8.787	-4.394	14.252	15.897
606	O.FM-1	Y	-4.394	8.101e-16	15.897	17.541
607	I.FM-1	Y	-6.356	-4.393	6.256	10.948
608	O.FM-1	Y	-4.377	-4.393	8.771	15.349
609	I.FM-1	Y	-.978	-5.378	3.128	5.474
610	I.FM-1	Y	-5.378	-9.777	5.474	7.82
611	O.FM-1	Y	-6.582	-6.582	6.578	8.771
612	O.FM-1	Y	-6.582	-6.581	8.771	10.963
613	I.FM-1	Y	1.136e-15	-5.143	1.564	2.502
614	I.FM-1	Y	-5.143	-10.727	2.502	3.441
615	I.FM-1	Y	-10.727	-8.342	3.441	4.379
616	I.FM-1	Y	-8.342	-2.758	4.379	5.318
617	I.FM-1	Y	-2.758	1.136e-15	5.318	6.256
618	O.FM-1	Y	-.106	-2.227	2.193	3.837
619	O.FM-1	Y	-2.227	-8.483	3.837	5.482
620	O.FM-1	Y	-8.483	-6.788	5.482	7.126
621	O.FM-1	Y	-6.788	-.106	7.126	8.771
622	I.FM-1	Y	-4.901	-9.093	0	.938
623	I.FM-1	Y	-9.093	-10.374	.938	1.877
624	I.FM-1	Y	-10.374	-4.885	1.877	2.815
625	I.FM-1	Y	-4.885	-.21	2.815	3.754
626	I.FM-1	Y	-.21	-.21	3.754	4.692
627	O.FM-1	Y	0	-2.033	0	1.316
628	O.FM-1	Y	-2.033	-6.908	1.316	2.631
629	O.FM-1	Y	-6.908	-9.03	2.631	3.947
630	O.FM-1	Y	-9.03	-4.155	3.947	5.262
631	O.FM-1	Y	-4.155	0	5.262	6.578
632	I.FM-1	Y	-29.385	-8.643	0	1.043
633	I.FM-1	Y	-8.643	1.729	1.043	2.085
634	I.FM-1	Y	1.729	1.729	2.085	3.128
635	I.FM-2	Y	.215	.215	12.512	13.555
636	I.FM-2	Y	.215	-1.075	13.555	14.597
637	I.FM-2	Y	-10.295	-6.148	14.597	15.64
638	O.FM-1	Y	-.437	-7.37	0	1.096
639	O.FM-1	Y	-7.37	-5.635	1.096	2.193
640	O.FM-1	Y	-5.635	-.433	2.193	3.289
641	O.FM-1	Y	-.433	-.433	3.289	4.385
642	O.FM-2	Y	-.433	-.433	17.541	18.638
643	O.FM-2	Y	-.433	-5.635	18.638	19.734
644	O.FM-2	Y	-5.635	-7.37	19.734	20.83
645	O.FM-2	Y	-7.37	-.437	20.83	21.927
646	I.FM-2	Y	-.336	-.336	10.948	11.886
647	I.FM-2	Y	-.336	-5.011	11.886	12.825

Member Distributed Loads (BLC 214 : BLC 14 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
648	I.FM-2	Y	-5.011	-11.135	12.825	13.763
649	I.FM-2	Y	-11.135	-9.22	13.763	14.702
650	O.FM-2	Y	8.101e-16	-4.155	15.349	16.664
651	O.FM-2	Y	-4.155	-9.03	16.664	17.98
652	O.FM-2	Y	-9.03	-6.908	17.98	19.296
653	O.FM-2	Y	-6.908	-2.033	19.296	20.611
654	O.FM-2	Y	-2.033	8.101e-16	20.611	21.927
655	I.FM-2	Y	1.136e-15	-5.394	9.384	10.557
656	I.FM-2	Y	-5.394	-10.788	10.557	11.73
657	I.FM-2	Y	-10.788	-5.394	11.73	12.903
658	I.FM-2	Y	-5.394	1.136e-15	12.903	14.076
659	O.FM-2	Y	-8.101e-16	-7.185	13.156	14.801
660	O.FM-2	Y	-7.185	-8.802	14.801	16.445
661	O.FM-2	Y	-8.802	-1.617	16.445	18.09
662	O.FM-2	Y	-1.617	-8.101e-16	18.09	19.734
663	I.FM-2	Y	-9.777	-5.378	7.82	10.166
664	I.FM-2	Y	-5.378	-.978	10.166	12.512
665	O.FM-2	Y	-6.581	-6.582	10.963	13.156
666	O.FM-2	Y	-6.582	-6.582	13.156	15.349
667	I.FM-2	Y	-4.167	-6.582	4.692	9.384
668	O.FM-2	Y	-24.5	-58.135	9.463	9.583
669	O.FM-2	Y	-58.135	-36.65	9.583	9.704
670	O.FM-2	Y	-36.65	1.653	9.704	9.825
671	O.FM-2	Y	1.653	1.653	9.825	9.945
672	O.FM-2	Y	1.653	1.653	9.945	10.066
673	O.FM-2	Y	1.653	1.653	10.066	10.186
674	O.FM-2	Y	1.653	1.653	10.186	10.307
675	O.FM-2	Y	1.653	1.653	10.307	10.428
676	O.FM-2	Y	1.653	1.653	10.428	10.548
677	O.FM-2	Y	1.653	1.653	10.548	10.669
678	O.FM-2	Y	1.653	1.653	10.669	10.79
679	O.FM-2	Y	1.653	-58.134	10.79	10.91
680	O.FM-2	Y	-58.134	-177.708	10.91	11.031
681	I.FM-2	Y	0	-6.058	1.564	3.649
682	I.FM-2	Y	-6.058	-6.058	3.649	5.735
683	I.FM-2	Y	-6.058	0	5.735	7.82
684	O.FM-2	Y	0	-6.59	4.385	6.578
685	O.FM-2	Y	-6.59	-6.59	6.578	8.771
686	O.FM-2	Y	-6.59	0	8.771	10.963
687	I.FM-2	Y	0	-2.752	0	.938
688	I.FM-2	Y	-2.752	-6.76	.938	1.877
689	I.FM-2	Y	-6.76	-10.768	1.877	2.815
690	I.FM-2	Y	-10.768	-6.76	2.815	3.754
691	I.FM-2	Y	-6.76	0	3.754	4.692
692	O.FM-2	Y	-8.101e-16	-5.516	2.193	3.508
693	O.FM-2	Y	-5.516	-11.031	3.508	4.824
694	O.FM-2	Y	-11.031	-5.515	4.824	6.139
695	O.FM-2	Y	-5.515	-8.101e-16	6.139	7.455
696	O.FM-2	Y	-8.101e-16	-8.101e-16	7.455	8.771
697	I.FM-2	Y	-31.662	-15.312	0	.782
698	I.FM-2	Y	-15.312	-3.057	.782	1.564
699	I.FM-2	Y	-3.057	1.022	1.564	2.346
700	I.FM-2	Y	1.022	1.022	2.346	3.128
701	O.FM-2	Y	-.922	-7.944	0	1.316
702	O.FM-2	Y	-7.944	-9.416	1.316	2.631
703	O.FM-2	Y	-9.416	-3.864	2.631	3.947
704	O.FM-2	Y	-3.864	-.351	3.947	5.262

Member Distributed Loads (BLC 214 : BLC 14 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
705	O.FM-2	Y	-.351	-.351	5.262	6.578
706	I.FM-2	Y	-9.733	-9.733	0	1.001
707	I.FM-3	Y	-.145	-.145	12.512	13.294
708	I.FM-3	Y	-.145	-5.777	13.294	14.076
709	I.FM-3	Y	-5.777	-10.249	14.076	14.858
710	I.FM-3	Y	-10.249	-7.929	14.858	15.64
711	O.FM-3	Y	-.351	-.351	15.349	16.664
712	O.FM-3	Y	-.351	-3.864	16.664	17.98
713	O.FM-3	Y	-3.864	-9.416	17.98	19.296
714	O.FM-3	Y	-9.416	-7.944	19.296	20.611
715	O.FM-3	Y	-7.944	-.922	20.611	21.927
716	I.FM-3	Y	-1.136e-15	-6.76	10.948	11.886
717	I.FM-3	Y	-6.76	-12.097	11.886	12.825
718	I.FM-3	Y	-12.097	-6.76	12.825	13.763
719	I.FM-3	Y	-6.76	-1.423	13.763	14.702
720	I.FM-3	Y	-1.423	-1.136e-15	14.702	15.64
721	O.FM-3	Y	-.139	-2.426	13.156	14.801
722	O.FM-3	Y	-2.426	-8.407	14.801	16.445
723	O.FM-3	Y	-8.407	-6.678	16.445	18.09
724	O.FM-3	Y	-6.678	-.139	18.09	19.734
725	I.FM-3	Y	7.071e-7	-4.038	7.82	9.384
726	I.FM-3	Y	-4.038	-8.077	9.384	10.948
727	I.FM-3	Y	-8.077	-8.077	10.948	12.512
728	O.FM-3	Y	0	-4.393	10.963	12.608
729	O.FM-3	Y	-4.393	-8.787	12.608	14.252
730	O.FM-3	Y	-8.787	-4.394	14.252	15.897
731	O.FM-3	Y	-4.394	0	15.897	17.541
732	I.FM-3	Y	-6.356	-4.393	6.256	10.948
733	O.FM-3	Y	-4.377	-4.393	8.771	15.349
734	I.FM-3	Y	-.978	-5.378	3.128	5.474
735	I.FM-3	Y	-5.378	-9.777	5.474	7.82
736	O.FM-3	Y	-6.582	-6.582	6.578	8.771
737	O.FM-3	Y	-6.582	-6.581	8.771	10.963
738	I.FM-3	Y	-1.136e-15	-5.143	1.564	2.502
739	I.FM-3	Y	-5.143	-10.727	2.502	3.441
740	I.FM-3	Y	-10.727	-8.342	3.441	4.379
741	I.FM-3	Y	-8.342	-2.758	4.379	5.318
742	I.FM-3	Y	-2.758	-1.136e-15	5.318	6.256
743	O.FM-3	Y	-.106	-2.227	2.193	3.837
744	O.FM-3	Y	-2.227	-8.483	3.837	5.482
745	O.FM-3	Y	-8.483	-6.788	5.482	7.126
746	O.FM-3	Y	-6.788	-.106	7.126	8.771
747	I.FM-3	Y	-4.901	-9.093	0	.938
748	I.FM-3	Y	-9.093	-10.374	.938	1.877
749	I.FM-3	Y	-10.374	-4.885	1.877	2.815
750	I.FM-3	Y	-4.885	-.21	2.815	3.754
751	I.FM-3	Y	-.21	-.21	3.754	4.692
752	O.FM-3	Y	0	-2.033	0	1.316
753	O.FM-3	Y	-2.033	-6.908	1.316	2.631
754	O.FM-3	Y	-6.908	-9.03	2.631	3.947
755	O.FM-3	Y	-9.03	-4.155	3.947	5.262
756	O.FM-3	Y	-4.155	0	5.262	6.578
757	I.FM-3	Y	-29.385	-8.643	0	1.043
758	I.FM-3	Y	-8.643	1.729	1.043	2.085
759	I.FM-3	Y	1.729	1.729	2.085	3.128
760	I.FM-4	Y	.215	.215	12.512	13.555
761	I.FM-4	Y	.215	-1.075	13.555	14.597

Member Distributed Loads (BLC 214 : BLC 14 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
762	I.FM-4	Y	-10.295	-6.148	14.597	15.64
763	O.FM-3	Y	-.437	-7.37	0	1.096
764	O.FM-3	Y	-7.37	-5.635	1.096	2.193
765	O.FM-3	Y	-5.635	-.433	2.193	3.289
766	O.FM-3	Y	-.433	-.433	3.289	4.385
767	O.FM-4	Y	-.433	-.433	17.541	18.638
768	O.FM-4	Y	-.433	-5.635	18.638	19.734
769	O.FM-4	Y	-5.635	-7.37	19.734	20.83
770	O.FM-4	Y	-7.37	-.437	20.83	21.927
771	I.FM-4	Y	-.336	-.336	10.948	11.886
772	I.FM-4	Y	-.336	-5.011	11.886	12.825
773	I.FM-4	Y	-5.011	-11.135	12.825	13.763
774	I.FM-4	Y	-11.135	-9.22	13.763	14.702
775	O.FM-4	Y	8.101e-16	-4.155	15.349	16.664
776	O.FM-4	Y	-4.155	-9.03	16.664	17.98
777	O.FM-4	Y	-9.03	-6.908	17.98	19.296
778	O.FM-4	Y	-6.908	-2.033	19.296	20.611
779	O.FM-4	Y	-2.033	8.101e-16	20.611	21.927
780	I.FM-4	Y	-1.136e-15	-5.394	9.384	10.557
781	I.FM-4	Y	-5.394	-10.788	10.557	11.73
782	I.FM-4	Y	-10.788	-5.394	11.73	12.903
783	I.FM-4	Y	-5.394	-1.136e-15	12.903	14.076
784	O.FM-4	Y	-8.101e-16	-7.185	13.156	14.801
785	O.FM-4	Y	-7.185	-8.802	14.801	16.445
786	O.FM-4	Y	-8.802	-1.617	16.445	18.09
787	O.FM-4	Y	-1.617	-8.101e-16	18.09	19.734
788	I.FM-4	Y	-9.777	-5.378	7.82	10.166
789	I.FM-4	Y	-5.378	-.978	10.166	12.512
790	O.FM-4	Y	-6.581	-6.582	10.963	13.156
791	O.FM-4	Y	-6.582	-6.582	13.156	15.349
792	I.FM-4	Y	-4.167	-6.582	4.692	9.384
793	O.FM-4	Y	-24.5	-58.135	9.463	9.583
794	O.FM-4	Y	-58.135	-36.65	9.583	9.704
795	O.FM-4	Y	-36.65	1.653	9.704	9.825
796	O.FM-4	Y	1.653	1.653	9.825	9.945
797	O.FM-4	Y	1.653	1.653	9.945	10.066
798	O.FM-4	Y	1.653	1.653	10.066	10.186
799	O.FM-4	Y	1.653	1.653	10.186	10.307
800	O.FM-4	Y	1.653	1.653	10.307	10.428
801	O.FM-4	Y	1.653	1.653	10.428	10.548
802	O.FM-4	Y	1.653	1.653	10.548	10.669
803	O.FM-4	Y	1.653	1.653	10.669	10.79
804	O.FM-4	Y	1.653	-58.134	10.79	10.91
805	O.FM-4	Y	-58.134	-177.708	10.91	11.031
806	I.FM-4	Y	0	-6.058	1.564	3.649
807	I.FM-4	Y	-6.058	-6.058	3.649	5.735
808	I.FM-4	Y	-6.058	0	5.735	7.82
809	O.FM-4	Y	0	-6.59	4.385	6.578
810	O.FM-4	Y	-6.59	-6.59	6.578	8.771
811	O.FM-4	Y	-6.59	0	8.771	10.963
812	I.FM-4	Y	0	-2.752	0	.938
813	I.FM-4	Y	-2.752	-6.76	.938	1.877
814	I.FM-4	Y	-6.76	-10.768	1.877	2.815
815	I.FM-4	Y	-10.768	-6.76	2.815	3.754
816	I.FM-4	Y	-6.76	0	3.754	4.692
817	O.FM-4	Y	8.101e-16	-5.516	2.193	3.508
818	O.FM-4	Y	-5.516	-11.031	3.508	4.824

Member Distributed Loads (BLC 214 : BLC 14 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
819	O.FM-4	Y	-11.031	-5.515	4.824	6.139
820	O.FM-4	Y	-5.515	8.101e-16	6.139	7.455
821	O.FM-4	Y	8.101e-16	8.101e-16	7.455	8.771
822	I.FM-4	Y	-31.662	-15.312	0	.782
823	I.FM-4	Y	-15.312	-3.057	.782	1.564
824	I.FM-4	Y	-3.057	1.022	1.564	2.346
825	I.FM-4	Y	1.022	1.022	2.346	3.128
826	O.FM-4	Y	-.922	-7.944	0	1.316
827	O.FM-4	Y	-7.944	-9.416	1.316	2.631
828	O.FM-4	Y	-9.416	-3.864	2.631	3.947
829	O.FM-4	Y	-3.864	-.351	3.947	5.262
830	O.FM-4	Y	-.351	-.351	5.262	6.578
831	I.FM-4	Y	-9.733	-9.733	0	1.001
832	I.FM-5	Y	-.145	-.145	12.512	13.294
833	I.FM-5	Y	-.145	-5.777	13.294	14.076
834	I.FM-5	Y	-5.777	-10.249	14.076	14.858
835	I.FM-5	Y	-10.249	-7.929	14.858	15.64
836	O.FM-5	Y	-.351	-.351	15.349	16.664
837	O.FM-5	Y	-.351	-3.864	16.664	17.98
838	O.FM-5	Y	-3.864	-9.416	17.98	19.296
839	O.FM-5	Y	-9.416	-7.944	19.296	20.611
840	O.FM-5	Y	-7.944	-.922	20.611	21.927
841	I.FM-5	Y	2.272e-15	-13.52	10.948	11.886
842	I.FM-5	Y	-13.52	-24.194	11.886	12.825
843	I.FM-5	Y	-24.194	-13.52	12.825	13.763
844	I.FM-5	Y	-13.52	-2.845	13.763	14.702
845	I.FM-5	Y	-2.845	2.272e-15	14.702	15.64
846	O.FM-5	Y	-.279	-4.851	13.156	14.801
847	O.FM-5	Y	-4.851	-16.813	14.801	16.445
848	O.FM-5	Y	-16.813	-13.356	16.445	18.09
849	O.FM-5	Y	-13.356	-.279	18.09	19.734
850	I.FM-5	Y	7.071e-7	-4.038	7.82	9.384
851	I.FM-5	Y	-4.038	-8.077	9.384	10.948
852	I.FM-5	Y	-8.077	-8.077	10.948	12.512
853	O.FM-5	Y	0	-4.393	10.963	12.608
854	O.FM-5	Y	-4.393	-8.787	12.608	14.252
855	O.FM-5	Y	-8.787	-4.394	14.252	15.897
856	O.FM-5	Y	-4.394	0	15.897	17.541
857	I.FM-5	Y	-6.356	-4.393	6.256	10.948
858	O.FM-5	Y	-4.377	-4.393	8.771	15.349
859	I.FM-5	Y	-.978	-5.378	3.128	5.474
860	I.FM-5	Y	-5.378	-9.777	5.474	7.82
861	O.FM-5	Y	-6.582	-6.582	6.578	8.771
862	O.FM-5	Y	-6.582	-6.581	8.771	10.963
863	I.FM-5	Y	1.136e-15	-5.143	1.564	2.502
864	I.FM-5	Y	-5.143	-10.727	2.502	3.441
865	I.FM-5	Y	-10.727	-8.342	3.441	4.379
866	I.FM-5	Y	-8.342	-2.758	4.379	5.318
867	I.FM-5	Y	-2.758	1.136e-15	5.318	6.256
868	O.FM-5	Y	-.106	-2.227	2.193	3.837
869	O.FM-5	Y	-2.227	-8.483	3.837	5.482
870	O.FM-5	Y	-8.483	-6.788	5.482	7.126
871	O.FM-5	Y	-6.788	-.106	7.126	8.771
872	I.FM-5	Y	-4.901	-9.093	0	.938
873	I.FM-5	Y	-9.093	-10.374	.938	1.877
874	I.FM-5	Y	-10.374	-4.885	1.877	2.815
875	I.FM-5	Y	-4.885	-.21	2.815	3.754

Member Distributed Loads (BLC 214 : BLC 14 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
876	I.FM-5	Y	-.21	-.21	3.754	4.692
877	O.FM-5	Y	-8.101e-16	-2.033	0	1.316
878	O.FM-5	Y	-2.033	-6.908	1.316	2.631
879	O.FM-5	Y	-6.908	-9.03	2.631	3.947
880	O.FM-5	Y	-9.03	-4.155	3.947	5.262
881	O.FM-5	Y	-4.155	-8.101e-16	5.262	6.578
882	I.FM-5	Y	-29.385	-8.643	0	1.043
883	I.FM-5	Y	-8.643	1.729	1.043	2.085
884	I.FM-5	Y	1.729	1.729	2.085	3.128
885	I.FM-6	Y	.215	.215	12.512	13.555
886	I.FM-6	Y	.215	-1.075	13.555	14.597
887	I.FM-6	Y	-10.295	-6.148	14.597	15.64
888	O.FM-5	Y	-.437	-7.37	0	1.096
889	O.FM-5	Y	-7.37	-5.635	1.096	2.193
890	O.FM-5	Y	-5.635	-.433	2.193	3.289
891	O.FM-5	Y	-.433	-.433	3.289	4.385
892	O.FM-6	Y	-.433	-.433	17.541	18.638
893	O.FM-6	Y	-.433	-5.635	18.638	19.734
894	O.FM-6	Y	-5.635	-7.37	19.734	20.83
895	O.FM-6	Y	-7.37	-.437	20.83	21.927
896	I.FM-6	Y	-.336	-.336	10.948	11.886
897	I.FM-6	Y	-.336	-5.011	11.886	12.825
898	I.FM-6	Y	-5.011	-11.135	12.825	13.763
899	I.FM-6	Y	-11.135	-9.22	13.763	14.702
900	O.FM-6	Y	0	-4.155	15.349	16.664
901	O.FM-6	Y	-4.155	-9.03	16.664	17.98
902	O.FM-6	Y	-9.03	-6.908	17.98	19.296
903	O.FM-6	Y	-6.908	-2.033	19.296	20.611
904	O.FM-6	Y	-2.033	0	20.611	21.927
905	I.FM-6	Y	0	-5.394	9.384	10.557
906	I.FM-6	Y	-5.394	-10.788	10.557	11.73
907	I.FM-6	Y	-10.788	-5.394	11.73	12.903
908	I.FM-6	Y	-5.394	0	12.903	14.076
909	O.FM-6	Y	0	-7.185	13.156	14.801
910	O.FM-6	Y	-7.185	-8.802	14.801	16.445
911	O.FM-6	Y	-8.802	-1.617	16.445	18.09
912	O.FM-6	Y	-1.617	0	18.09	19.734
913	I.FM-6	Y	-8.08	-4.812	7.82	10.166
914	I.FM-6	Y	-4.812	-1.544	10.166	12.512
915	O.FM-6	Y	-5.626	-6.263	10.963	13.156
916	O.FM-6	Y	-6.263	-6.901	13.156	15.349
917	SA-1	Y	-5.919	-6.109	51.603	55.149
918	I.FM-6	Y	-7.214	-7.214	6.139	8.38
919	O.FM-6	Y	-13.863	-13.863	9.463	11.026
920	SA-1	Y	-.111	-.111	42	45.36
921	SA-1	Y	-.111	-1.224	45.36	48.72
922	SA-1	Y	-1.224	-3.634	48.72	52.08
923	SA-1	Y	-3.824	-1.611	55.44	58.8
924	I.FM-6	Y	-1.959	-2.446	3.128	5.474
925	I.FM-6	Y	-2.446	-2.932	5.474	7.82
926	O.FM-6	Y	-2.275	-2.446	4.385	10.963
927	SA-1	Y	-.254	-6.126	42	46.2
928	SA-1	Y	-6.126	-12.157	46.2	50.4
929	SA-1	Y	-12.157	-13.901	50.4	54.6
930	SA-1	Y	-13.901	-12.096	54.6	58.8
931	SA-1	Y	-12.096	-6.421	58.8	63
932	SA-1	Y	-6.421	-1.647	63	67.2

Member Distributed Loads (BLC 214 : BLC 14 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
933	I.FM-6	Y	.378	-1.133	0	2.346
934	I.FM-6	Y	-1.133	-4.156	2.346	4.692
935	O.FM-6	Y	-2.053	-2.81	2.193	4.385
936	O.FM-6	Y	-2.81	-3.567	4.385	6.578
937	I.FM-6	Y	-1.57	-1.57	0	1.889
938	O.FM-6	Y	-.93	-1.57	0	4.385
939	I.FM-7	Y	-1.446	-1.446	13.589	15.64
940	O.FM-7	Y	-1.054	-1.446	17.541	21.927
941	I.FM-7	Y	-1.469	-1.554	10.948	15.64
942	O.FM-7	Y	-3.567	-2.81	15.349	17.541
943	O.FM-7	Y	-2.81	-2.053	17.541	19.734
944	I.FM-7	Y	-2.932	-2.446	7.82	10.166
945	I.FM-7	Y	-2.446	-1.959	10.166	12.512
946	O.FM-7	Y	-2.846	-2.36	10.963	14.252
947	O.FM-7	Y	-2.36	-1.874	14.252	17.541
948	I.FM-7	Y	-7.615	-7.615	7.291	9.415
949	O.FM-7	Y	-7.764	-7.764	10.26	13.052
950	I.FM-7	Y	-1.544	-4.812	3.128	5.474
951	I.FM-7	Y	-4.812	-8.08	5.474	7.82
952	O.FM-7	Y	-6.901	-6.263	6.578	8.771
953	O.FM-7	Y	-6.263	-5.626	8.771	10.963
954	I.FM-7	Y	1.136e-15	-5.143	1.564	2.502
955	I.FM-7	Y	-5.143	-10.727	2.502	3.441
956	I.FM-7	Y	-10.727	-8.342	3.441	4.379
957	I.FM-7	Y	-8.342	-2.758	4.379	5.318
958	I.FM-7	Y	-2.758	1.136e-15	5.318	6.256
959	O.FM-7	Y	-.106	-2.227	2.193	3.837
960	O.FM-7	Y	-2.227	-8.483	3.837	5.482
961	O.FM-7	Y	-8.483	-6.788	5.482	7.126
962	O.FM-7	Y	-6.788	-.106	7.126	8.771
963	I.FM-7	Y	-4.901	-9.093	0	.938
964	I.FM-7	Y	-9.093	-10.374	.938	1.877
965	I.FM-7	Y	-10.374	-4.885	1.877	2.815
966	I.FM-7	Y	-4.885	-.21	2.815	3.754
967	I.FM-7	Y	-.21	-.21	3.754	4.692
968	O.FM-7	Y	0	-2.033	0	1.316
969	O.FM-7	Y	-2.033	-6.908	1.316	2.631
970	O.FM-7	Y	-6.908	-9.03	2.631	3.947
971	O.FM-7	Y	-9.03	-4.155	3.947	5.262
972	O.FM-7	Y	-4.155	0	5.262	6.578
973	I.FM-7	Y	-29.385	-8.643	0	1.043
974	I.FM-7	Y	-8.643	1.729	1.043	2.085
975	I.FM-7	Y	1.729	1.729	2.085	3.128
976	I.FM-8	Y	.215	.215	12.512	13.555
977	I.FM-8	Y	.215	-1.075	13.555	14.597
978	I.FM-8	Y	-10.295	-6.148	14.597	15.64
979	O.FM-7	Y	-.437	-7.37	0	1.096
980	O.FM-7	Y	-7.37	-5.635	1.096	2.193
981	O.FM-7	Y	-5.635	-.433	2.193	3.289
982	O.FM-7	Y	-.433	-.433	3.289	4.385
983	O.FM-8	Y	-.433	-.433	17.541	18.638
984	O.FM-8	Y	-.433	-5.635	18.638	19.734
985	O.FM-8	Y	-5.635	-7.37	19.734	20.83
986	O.FM-8	Y	-7.37	-.437	20.83	21.927
987	I.FM-8	Y	-.336	-.336	10.948	11.886
988	I.FM-8	Y	-.336	-5.011	11.886	12.825
989	I.FM-8	Y	-5.011	-11.135	12.825	13.763

Member Distributed Loads (BLC 214 : BLC 14 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
990	I.FM-8	Y	-11.135	-9.22	13.763	14.702
991	O.FM-8	Y	8.101e-16	-4.155	15.349	16.664
992	O.FM-8	Y	-4.155	-9.03	16.664	17.98
993	O.FM-8	Y	-9.03	-6.908	17.98	19.296
994	O.FM-8	Y	-6.908	-2.033	19.296	20.611
995	O.FM-8	Y	-2.033	8.101e-16	20.611	21.927
996	I.FM-8	Y	1.136e-15	-5.394	9.384	10.557
997	I.FM-8	Y	-5.394	-10.788	10.557	11.73
998	I.FM-8	Y	-10.788	-5.394	11.73	12.903
999	I.FM-8	Y	-5.394	1.136e-15	12.903	14.076
1000	O.FM-8	Y	-8.101e-16	-7.185	13.156	14.801
1001	O.FM-8	Y	-7.185	-8.802	14.801	16.445
1002	O.FM-8	Y	-8.802	-1.617	16.445	18.09
1003	O.FM-8	Y	-1.617	-8.101e-16	18.09	19.734
1004	I.FM-8	Y	-9.777	-5.378	7.82	10.166
1005	I.FM-8	Y	-5.378	-.978	10.166	12.512
1006	O.FM-8	Y	-6.581	-6.582	10.963	13.156
1007	O.FM-8	Y	-6.582	-6.582	13.156	15.349
1008	I.FM-8	Y	-4.167	-6.582	4.692	9.384
1009	O.FM-8	Y	-24.5	-58.135	9.463	9.583
1010	O.FM-8	Y	-58.135	-36.65	9.583	9.704
1011	O.FM-8	Y	-36.65	1.653	9.704	9.825
1012	O.FM-8	Y	1.653	1.653	9.825	9.945
1013	O.FM-8	Y	1.653	1.653	9.945	10.066
1014	O.FM-8	Y	1.653	1.653	10.066	10.186
1015	O.FM-8	Y	1.653	1.653	10.186	10.307
1016	O.FM-8	Y	1.653	1.653	10.307	10.428
1017	O.FM-8	Y	1.653	1.653	10.428	10.548
1018	O.FM-8	Y	1.653	1.653	10.548	10.669
1019	O.FM-8	Y	1.653	1.653	10.669	10.79
1020	O.FM-8	Y	1.653	-58.134	10.79	10.91
1021	O.FM-8	Y	-58.134	-177.708	10.91	11.031
1022	I.FM-8	Y	0	-6.058	1.564	3.649
1023	I.FM-8	Y	-6.058	-6.058	3.649	5.735
1024	I.FM-8	Y	-6.058	0	5.735	7.82
1025	O.FM-8	Y	0	-6.59	4.385	6.578
1026	O.FM-8	Y	-6.59	-6.59	6.578	8.771
1027	O.FM-8	Y	-6.59	0	8.771	10.963
1028	I.FM-8	Y	0	-2.752	0	.938
1029	I.FM-8	Y	-2.752	-6.76	.938	1.877
1030	I.FM-8	Y	-6.76	-10.768	1.877	2.815
1031	I.FM-8	Y	-10.768	-6.76	2.815	3.754
1032	I.FM-8	Y	-6.76	0	3.754	4.692
1033	O.FM-8	Y	-8.101e-16	-5.516	2.193	3.508
1034	O.FM-8	Y	-5.516	-11.031	3.508	4.824
1035	O.FM-8	Y	-11.031	-5.515	4.824	6.139
1036	O.FM-8	Y	-5.515	-8.101e-16	6.139	7.455
1037	O.FM-8	Y	-8.101e-16	-8.101e-16	7.455	8.771
1038	I.FM-8	Y	-31.662	-15.312	0	.782
1039	I.FM-8	Y	-15.312	-3.057	.782	1.564
1040	I.FM-8	Y	-3.057	1.022	1.564	2.346
1041	I.FM-8	Y	1.022	1.022	2.346	3.128
1042	O.FM-8	Y	-.922	-7.944	0	1.316
1043	O.FM-8	Y	-7.944	-9.416	1.316	2.631
1044	O.FM-8	Y	-9.416	-3.864	2.631	3.947
1045	O.FM-8	Y	-3.864	-.351	3.947	5.262
1046	O.FM-8	Y	-.351	-.351	5.262	6.578

Member Distributed Loads (BLC 214 : BLC 14 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
1047	I.FM-8	Y	-9.733	-9.733	0	1.001
1048	I.FM-9	Y	-.145	-.145	12.512	13.294
1049	I.FM-9	Y	-.145	-5.777	13.294	14.076
1050	I.FM-9	Y	-5.777	-10.249	14.076	14.858
1051	I.FM-9	Y	-10.249	-7.929	14.858	15.64
1052	O.FM-9	Y	-.351	-.351	15.349	16.664
1053	O.FM-9	Y	-.351	-3.864	16.664	17.98
1054	O.FM-9	Y	-3.864	-9.416	17.98	19.296
1055	O.FM-9	Y	-9.416	-7.944	19.296	20.611
1056	O.FM-9	Y	-7.944	-.922	20.611	21.927
1057	I.FM-9	Y	-1.136e-15	-6.76	10.948	11.886
1058	I.FM-9	Y	-6.76	-12.097	11.886	12.825
1059	I.FM-9	Y	-12.097	-6.76	12.825	13.763
1060	I.FM-9	Y	-6.76	-1.423	13.763	14.702
1061	I.FM-9	Y	-1.423	-1.136e-15	14.702	15.64
1062	O.FM-9	Y	-.139	-2.426	13.156	14.801
1063	O.FM-9	Y	-2.426	-8.407	14.801	16.445
1064	O.FM-9	Y	-8.407	-6.678	16.445	18.09
1065	O.FM-9	Y	-6.678	-.139	18.09	19.734
1066	I.FM-9	Y	7.071e-7	-4.038	7.82	9.384
1067	I.FM-9	Y	-4.038	-8.077	9.384	10.948
1068	I.FM-9	Y	-8.077	-8.077	10.948	12.512
1069	O.FM-9	Y	0	-4.393	10.963	12.608
1070	O.FM-9	Y	-4.393	-8.787	12.608	14.252
1071	O.FM-9	Y	-8.787	-4.394	14.252	15.897
1072	O.FM-9	Y	-4.394	0	15.897	17.541
1073	I.FM-9	Y	-6.356	-4.393	6.256	10.948
1074	O.FM-9	Y	-4.377	-4.393	8.771	15.349
1075	I.FM-9	Y	-.978	-5.378	3.128	5.474
1076	I.FM-9	Y	-5.378	-9.777	5.474	7.82
1077	O.FM-9	Y	-6.582	-6.582	6.578	8.771
1078	O.FM-9	Y	-6.582	-6.581	8.771	10.963
1079	I.FM-9	Y	-1.136e-15	-5.143	1.564	2.502
1080	I.FM-9	Y	-5.143	-10.727	2.502	3.441
1081	I.FM-9	Y	-10.727	-8.342	3.441	4.379
1082	I.FM-9	Y	-8.342	-2.758	4.379	5.318
1083	I.FM-9	Y	-2.758	-1.136e-15	5.318	6.256
1084	O.FM-9	Y	-.106	-2.227	2.193	3.837
1085	O.FM-9	Y	-2.227	-8.483	3.837	5.482
1086	O.FM-9	Y	-8.483	-6.788	5.482	7.126
1087	O.FM-9	Y	-6.788	-.106	7.126	8.771
1088	I.FM-9	Y	-4.901	-9.093	0	.938
1089	I.FM-9	Y	-9.093	-10.374	.938	1.877
1090	I.FM-9	Y	-10.374	-4.885	1.877	2.815
1091	I.FM-9	Y	-4.885	-.21	2.815	3.754
1092	I.FM-9	Y	-.21	-.21	3.754	4.692
1093	O.FM-9	Y	0	-2.033	0	1.316
1094	O.FM-9	Y	-2.033	-6.908	1.316	2.631
1095	O.FM-9	Y	-6.908	-9.03	2.631	3.947
1096	O.FM-9	Y	-9.03	-4.155	3.947	5.262
1097	O.FM-9	Y	-4.155	0	5.262	6.578
1098	I.FM-9	Y	-29.385	-8.643	0	1.043
1099	I.FM-9	Y	-8.643	1.729	1.043	2.085
1100	I.FM-9	Y	1.729	1.729	2.085	3.128
1101	I.FM-10	Y	.215	.215	12.512	13.555
1102	I.FM-10	Y	.215	-1.075	13.555	14.597
1103	I.FM-10	Y	-10.295	-6.148	14.597	15.64

Member Distributed Loads (BLC 214 : BLC 14 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
1104	O.FM-9	Y	-.437	-7.37	0	1.096
1105	O.FM-9	Y	-7.37	-5.635	1.096	2.193
1106	O.FM-9	Y	-5.635	-.433	2.193	3.289
1107	O.FM-9	Y	-.433	-.433	3.289	4.385
1108	O.FM-10	Y	-.433	-.433	17.541	18.638
1109	O.FM-10	Y	-.433	-5.635	18.638	19.734
1110	O.FM-10	Y	-5.635	-7.37	19.734	20.83
1111	O.FM-10	Y	-7.37	-.437	20.83	21.927
1112	I.FM-10	Y	-.336	-.336	10.948	11.886
1113	I.FM-10	Y	-.336	-5.011	11.886	12.825
1114	I.FM-10	Y	-5.011	-11.135	12.825	13.763
1115	I.FM-10	Y	-11.135	-9.22	13.763	14.702
1116	O.FM-10	Y	8.101e-16	-4.155	15.349	16.664
1117	O.FM-10	Y	-4.155	-9.03	16.664	17.98
1118	O.FM-10	Y	-9.03	-6.908	17.98	19.296
1119	O.FM-10	Y	-6.908	-2.033	19.296	20.611
1120	O.FM-10	Y	-2.033	8.101e-16	20.611	21.927
1121	I.FM-10	Y	-1.136e-15	-5.394	9.384	10.557
1122	I.FM-10	Y	-5.394	-10.788	10.557	11.73
1123	I.FM-10	Y	-10.788	-5.394	11.73	12.903
1124	I.FM-10	Y	-5.394	-1.136e-15	12.903	14.076
1125	O.FM-10	Y	-8.101e-16	-7.185	13.156	14.801
1126	O.FM-10	Y	-7.185	-8.802	14.801	16.445
1127	O.FM-10	Y	-8.802	-1.617	16.445	18.09
1128	O.FM-10	Y	-1.617	-8.101e-16	18.09	19.734
1129	I.FM-10	Y	-9.777	-5.378	7.82	10.166
1130	I.FM-10	Y	-5.378	-.978	10.166	12.512
1131	O.FM-10	Y	-6.581	-6.582	10.963	13.156
1132	O.FM-10	Y	-6.582	-6.582	13.156	15.349
1133	I.FM-10	Y	-4.167	-6.582	4.692	9.384
1134	O.FM-10	Y	-24.5	-58.135	9.463	9.583
1135	O.FM-10	Y	-58.135	-36.65	9.583	9.704
1136	O.FM-10	Y	-36.65	1.653	9.704	9.825
1137	O.FM-10	Y	1.653	1.653	9.825	9.945
1138	O.FM-10	Y	1.653	1.653	9.945	10.066
1139	O.FM-10	Y	1.653	1.653	10.066	10.186
1140	O.FM-10	Y	1.653	1.653	10.186	10.307
1141	O.FM-10	Y	1.653	1.653	10.307	10.428
1142	O.FM-10	Y	1.653	1.653	10.428	10.548
1143	O.FM-10	Y	1.653	1.653	10.548	10.669
1144	O.FM-10	Y	1.653	1.653	10.669	10.79
1145	O.FM-10	Y	1.653	-58.134	10.79	10.91
1146	O.FM-10	Y	-58.134	-177.708	10.91	11.031
1147	I.FM-10	Y	0	-6.058	1.564	3.649
1148	I.FM-10	Y	-6.058	-6.058	3.649	5.735
1149	I.FM-10	Y	-6.058	0	5.735	7.82
1150	O.FM-10	Y	0	-6.59	4.385	6.578
1151	O.FM-10	Y	-6.59	-6.59	6.578	8.771
1152	O.FM-10	Y	-6.59	0	8.771	10.963
1153	I.FM-10	Y	0	-2.752	0	.938
1154	I.FM-10	Y	-2.752	-6.76	.938	1.877
1155	I.FM-10	Y	-6.76	-10.768	1.877	2.815
1156	I.FM-10	Y	-10.768	-6.76	2.815	3.754
1157	I.FM-10	Y	-6.76	0	3.754	4.692
1158	O.FM-10	Y	8.101e-16	-5.516	2.193	3.508
1159	O.FM-10	Y	-5.516	-11.031	3.508	4.824
1160	O.FM-10	Y	-11.031	-5.515	4.824	6.139

Member Distributed Loads (BLC 214 : BLC 14 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
1161	O.FM-10	Y	-5.515	8.101e-16	6.139	7.455
1162	O.FM-10	Y	8.101e-16	8.101e-16	7.455	8.771
1163	I.FM-10	Y	-31.662	-15.312	0	.782
1164	I.FM-10	Y	-15.312	-3.057	.782	1.564
1165	I.FM-10	Y	-3.057	1.022	1.564	2.346
1166	I.FM-10	Y	1.022	1.022	2.346	3.128
1167	O.FM-10	Y	-.922	-7.944	0	1.316
1168	O.FM-10	Y	-7.944	-9.416	1.316	2.631
1169	O.FM-10	Y	-9.416	-3.864	2.631	3.947
1170	O.FM-10	Y	-3.864	-.351	3.947	5.262
1171	O.FM-10	Y	-.351	-.351	5.262	6.578
1172	I.FM-10	Y	-9.733	-9.733	0	1.001
1173	I.FM-11	Y	-.145	-.145	12.512	13.294
1174	I.FM-11	Y	-.145	-5.777	13.294	14.076
1175	I.FM-11	Y	-5.777	-10.249	14.076	14.858
1176	I.FM-11	Y	-10.249	-7.929	14.858	15.64
1177	O.FM-11	Y	-.351	-.351	15.349	16.664
1178	O.FM-11	Y	-.351	-3.864	16.664	17.98
1179	O.FM-11	Y	-3.864	-9.416	17.98	19.296
1180	O.FM-11	Y	-9.416	-7.944	19.296	20.611
1181	O.FM-11	Y	-7.944	-.922	20.611	21.927
1182	I.FM-11	Y	0	-6.76	10.948	11.886
1183	I.FM-11	Y	-6.76	-12.097	11.886	12.825
1184	I.FM-11	Y	-12.097	-6.76	12.825	13.763
1185	I.FM-11	Y	-6.76	-1.423	13.763	14.702
1186	I.FM-11	Y	-1.423	0	14.702	15.64
1187	O.FM-11	Y	-.139	-2.426	13.156	14.801
1188	O.FM-11	Y	-2.426	-8.407	14.801	16.445
1189	O.FM-11	Y	-8.407	-6.678	16.445	18.09
1190	O.FM-11	Y	-6.678	-.139	18.09	19.734
1191	I.FM-11	Y	7.071e-7	-4.038	7.82	9.384
1192	I.FM-11	Y	-4.038	-8.077	9.384	10.948
1193	I.FM-11	Y	-8.077	-8.077	10.948	12.512
1194	O.FM-11	Y	0	-4.393	10.963	12.608
1195	O.FM-11	Y	-4.393	-8.787	12.608	14.252
1196	O.FM-11	Y	-8.787	-4.394	14.252	15.897
1197	O.FM-11	Y	-4.394	0	15.897	17.541
1198	I.FM-11	Y	-6.356	-4.393	6.256	10.948
1199	O.FM-11	Y	-4.377	-4.393	8.771	15.349
1200	I.FM-11	Y	-.978	-5.378	3.128	5.474
1201	I.FM-11	Y	-5.378	-9.777	5.474	7.82
1202	O.FM-11	Y	-6.582	-6.582	6.578	8.771
1203	O.FM-11	Y	-6.582	-6.581	8.771	10.963
1204	I.FM-11	Y	0	-5.143	1.564	2.502
1205	I.FM-11	Y	-5.143	-10.727	2.502	3.441
1206	I.FM-11	Y	-10.727	-8.342	3.441	4.379
1207	I.FM-11	Y	-8.342	-2.758	4.379	5.318
1208	I.FM-11	Y	-2.758	0	5.318	6.256
1209	O.FM-11	Y	-.106	-2.227	2.193	3.837
1210	O.FM-11	Y	-2.227	-8.483	3.837	5.482
1211	O.FM-11	Y	-8.483	-6.788	5.482	7.126
1212	O.FM-11	Y	-6.788	-.106	7.126	8.771
1213	I.FM-11	Y	-4.901	-9.093	0	.938
1214	I.FM-11	Y	-9.093	-10.374	.938	1.877
1215	I.FM-11	Y	-10.374	-4.885	1.877	2.815
1216	I.FM-11	Y	-4.885	-.21	2.815	3.754
1217	I.FM-11	Y	-.21	-.21	3.754	4.692

Member Distributed Loads (BLC 214 : BLC 14 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
1218	O.FM-11	Y	-8.101e-16	-2.033	0	1.316
1219	O.FM-11	Y	-2.033	-6.908	1.316	2.631
1220	O.FM-11	Y	-6.908	-9.03	2.631	3.947
1221	O.FM-11	Y	-9.03	-4.155	3.947	5.262
1222	O.FM-11	Y	-4.155	-8.101e-16	5.262	6.578
1223	I.FM-11	Y	-29.385	-8.643	0	1.043
1224	I.FM-11	Y	-8.643	1.729	1.043	2.085
1225	I.FM-11	Y	1.729	1.729	2.085	3.128
1226	I.FM-12	Y	.215	.215	12.512	13.555
1227	I.FM-12	Y	.215	-1.075	13.555	14.597
1228	I.FM-12	Y	-10.295	-6.148	14.597	15.64
1229	O.FM-11	Y	-.437	-7.37	0	1.096
1230	O.FM-11	Y	-7.37	-5.635	1.096	2.193
1231	O.FM-11	Y	-5.635	-.433	2.193	3.289
1232	O.FM-11	Y	-.433	-.433	3.289	4.385
1233	O.FM-12	Y	-.433	-.433	17.541	18.638
1234	O.FM-12	Y	-.433	-5.635	18.638	19.734
1235	O.FM-12	Y	-5.635	-7.37	19.734	20.83
1236	O.FM-12	Y	-7.37	-.437	20.83	21.927
1237	I.FM-12	Y	-.336	-.336	10.948	11.886
1238	I.FM-12	Y	-.336	-5.011	11.886	12.825
1239	I.FM-12	Y	-5.011	-11.135	12.825	13.763
1240	I.FM-12	Y	-11.135	-9.22	13.763	14.702
1241	O.FM-12	Y	8.101e-16	-4.155	15.349	16.664
1242	O.FM-12	Y	-4.155	-9.03	16.664	17.98
1243	O.FM-12	Y	-9.03	-6.908	17.98	19.296
1244	O.FM-12	Y	-6.908	-2.033	19.296	20.611
1245	O.FM-12	Y	-2.033	8.101e-16	20.611	21.927
1246	I.FM-12	Y	0	-5.394	9.384	10.557
1247	I.FM-12	Y	-5.394	-10.788	10.557	11.73
1248	I.FM-12	Y	-10.788	-5.394	11.73	12.903
1249	I.FM-12	Y	-5.394	0	12.903	14.076
1250	O.FM-12	Y	0	-7.185	13.156	14.801
1251	O.FM-12	Y	-7.185	-8.802	14.801	16.445
1252	O.FM-12	Y	-8.802	-1.617	16.445	18.09
1253	O.FM-12	Y	-1.617	0	18.09	19.734
1254	I.FM-12	Y	-9.777	-5.378	7.82	10.166
1255	I.FM-12	Y	-5.378	-.978	10.166	12.512
1256	O.FM-12	Y	-6.581	-6.582	10.963	13.156
1257	O.FM-12	Y	-6.582	-6.582	13.156	15.349
1258	I.FM-12	Y	-4.167	-6.582	4.692	9.384
1259	O.FM-12	Y	-24.5	-58.135	9.463	9.583
1260	O.FM-12	Y	-58.135	-36.65	9.583	9.704
1261	O.FM-12	Y	-36.65	1.653	9.704	9.825
1262	O.FM-12	Y	1.653	1.653	9.825	9.945
1263	O.FM-12	Y	1.653	1.653	9.945	10.066
1264	O.FM-12	Y	1.653	1.653	10.066	10.186
1265	O.FM-12	Y	1.653	1.653	10.186	10.307
1266	O.FM-12	Y	1.653	1.653	10.307	10.428
1267	O.FM-12	Y	1.653	1.653	10.428	10.548
1268	O.FM-12	Y	1.653	1.653	10.548	10.669
1269	O.FM-12	Y	1.653	1.653	10.669	10.79
1270	O.FM-12	Y	1.653	-58.134	10.79	10.91
1271	O.FM-12	Y	-58.134	-177.708	10.91	11.031
1272	I.FM-12	Y	0	-18.173	1.564	3.649
1273	I.FM-12	Y	-18.173	-18.173	3.649	5.735
1274	I.FM-12	Y	-18.173	0	5.735	7.82

Member Distributed Loads (BLC 214 : BLC 14 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
1275	O.FM-12	Y	0	-19.771	4.385	6.578
1276	O.FM-12	Y	-19.771	-19.771	6.578	8.771
1277	O.FM-12	Y	-19.771	0	8.771	10.963
1278	I.FM-12	Y	0	-2.752	0	.938
1279	I.FM-12	Y	-2.752	-6.76	.938	1.877
1280	I.FM-12	Y	-6.76	-10.768	1.877	2.815
1281	I.FM-12	Y	-10.768	-6.76	2.815	3.754
1282	I.FM-12	Y	-6.76	0	3.754	4.692
1283	O.FM-12	Y	0	-5.516	2.193	3.508
1284	O.FM-12	Y	-5.516	-11.031	3.508	4.824
1285	O.FM-12	Y	-11.031	-5.515	4.824	6.139
1286	O.FM-12	Y	-5.515	0	6.139	7.455
1287	I.FM-12	Y	-31.662	-15.312	0	.782
1288	I.FM-12	Y	-15.312	-3.057	.782	1.564
1289	I.FM-12	Y	-3.057	1.022	1.564	2.346
1290	I.FM-12	Y	1.022	1.022	2.346	3.128
1291	O.FM-12	Y	-.922	-7.944	0	1.316
1292	O.FM-12	Y	-7.944	-9.416	1.316	2.631
1293	O.FM-12	Y	-9.416	-3.864	2.631	3.947
1294	O.FM-12	Y	-3.864	-.351	3.947	5.262
1295	O.FM-12	Y	-.351	-.351	5.262	6.578
1296	I.FM-12	Y	-9.733	-9.733	0	1.001
1297	I.FM-13	Y	-.145	-.145	12.512	13.294
1298	I.FM-13	Y	-.145	-5.777	13.294	14.076
1299	I.FM-13	Y	-5.777	-10.249	14.076	14.858
1300	I.FM-13	Y	-10.249	-7.929	14.858	15.64
1301	O.FM-13	Y	-.351	-.351	15.349	16.664
1302	O.FM-13	Y	-.351	-3.864	16.664	17.98
1303	O.FM-13	Y	-3.864	-9.416	17.98	19.296
1304	O.FM-13	Y	-9.416	-7.944	19.296	20.611
1305	O.FM-13	Y	-7.944	-.922	20.611	21.927
1306	I.FM-13	Y	1.136e-15	-6.76	10.948	11.886
1307	I.FM-13	Y	-6.76	-12.097	11.886	12.825
1308	I.FM-13	Y	-12.097	-6.76	12.825	13.763
1309	I.FM-13	Y	-6.76	-1.423	13.763	14.702
1310	I.FM-13	Y	-1.423	1.136e-15	14.702	15.64
1311	O.FM-13	Y	-.139	-2.426	13.156	14.801
1312	O.FM-13	Y	-2.426	-8.407	14.801	16.445
1313	O.FM-13	Y	-8.407	-6.678	16.445	18.09
1314	O.FM-13	Y	-6.678	-.139	18.09	19.734
1315	I.FM-13	Y	7.071e-7	-4.038	7.82	9.384
1316	I.FM-13	Y	-4.038	-8.077	9.384	10.948
1317	I.FM-13	Y	-8.077	-8.077	10.948	12.512
1318	O.FM-13	Y	8.101e-16	-4.393	10.963	12.608
1319	O.FM-13	Y	-4.393	-8.787	12.608	14.252
1320	O.FM-13	Y	-8.787	-4.394	14.252	15.897
1321	O.FM-13	Y	-4.394	8.101e-16	15.897	17.541
1322	I.FM-13	Y	-6.356	-4.393	6.256	10.948
1323	O.FM-13	Y	-4.377	-4.393	8.771	15.349
1324	I.FM-13	Y	-.978	-5.378	3.128	5.474
1325	I.FM-13	Y	-5.378	-9.777	5.474	7.82
1326	O.FM-13	Y	-6.582	-6.582	6.578	8.771
1327	O.FM-13	Y	-6.582	-6.581	8.771	10.963
1328	I.FM-13	Y	1.136e-15	-5.143	1.564	2.502
1329	I.FM-13	Y	-5.143	-10.727	2.502	3.441
1330	I.FM-13	Y	-10.727	-8.342	3.441	4.379
1331	I.FM-13	Y	-8.342	-2.758	4.379	5.318

Member Distributed Loads (BLC 214 : BLC 14 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
1332	I.FM-13	Y	-2.758	1.136e-15	5.318	6.256
1333	O.FM-13	Y	-.106	-2.227	2.193	3.837
1334	O.FM-13	Y	-2.227	-8.483	3.837	5.482
1335	O.FM-13	Y	-8.483	-6.788	5.482	7.126
1336	O.FM-13	Y	-6.788	-.106	7.126	8.771
1337	I.FM-13	Y	-4.901	-9.093	0	.938
1338	I.FM-13	Y	-9.093	-10.374	.938	1.877
1339	I.FM-13	Y	-10.374	-4.885	1.877	2.815
1340	I.FM-13	Y	-4.885	-.21	2.815	3.754
1341	I.FM-13	Y	-.21	-.21	3.754	4.692
1342	O.FM-13	Y	0	-2.033	0	1.316
1343	O.FM-13	Y	-2.033	-6.908	1.316	2.631
1344	O.FM-13	Y	-6.908	-9.03	2.631	3.947
1345	O.FM-13	Y	-9.03	-4.155	3.947	5.262
1346	O.FM-13	Y	-4.155	0	5.262	6.578
1347	I.FM-13	Y	-29.386	-8.643	0	1.043
1348	I.FM-13	Y	-8.643	1.729	1.043	2.085
1349	I.FM-13	Y	1.729	1.729	2.085	3.128
1350	I.FM-14	Y	.215	.215	12.513	13.555
1351	I.FM-14	Y	.215	-1.075	13.555	14.598
1352	I.FM-14	Y	-10.295	-6.148	14.598	15.641
1353	O.FM-13	Y	-.437	-7.37	0	1.096
1354	O.FM-13	Y	-7.37	-5.635	1.096	2.193
1355	O.FM-13	Y	-5.635	-.433	2.193	3.289
1356	O.FM-13	Y	-.433	-.433	3.289	4.385
1357	O.FM-14	Y	-.433	-.433	17.542	18.638
1358	O.FM-14	Y	-.433	-5.635	18.638	19.734
1359	O.FM-14	Y	-5.635	-7.37	19.734	20.831
1360	O.FM-14	Y	-7.37	-.437	20.831	21.927
1361	I.FM-14	Y	-.336	-.336	10.949	11.887
1362	I.FM-14	Y	-.336	-5.011	11.887	12.825
1363	I.FM-14	Y	-5.011	-11.134	12.825	13.764
1364	I.FM-14	Y	-11.134	-9.219	13.764	14.702
1365	O.FM-14	Y	0	-4.155	15.349	16.665
1366	O.FM-14	Y	-4.155	-9.03	16.665	17.98
1367	O.FM-14	Y	-9.03	-6.908	17.98	19.296
1368	O.FM-14	Y	-6.908	-2.033	19.296	20.611
1369	O.FM-14	Y	-2.033	0	20.611	21.927
1370	I.FM-14	Y	1.136e-15	-5.394	9.384	10.558
1371	I.FM-14	Y	-5.394	-10.787	10.558	11.731
1372	I.FM-14	Y	-10.787	-5.394	11.731	12.904
1373	I.FM-14	Y	-5.394	1.136e-15	12.904	14.077
1374	O.FM-14	Y	-8.101e-16	-7.185	13.156	14.801
1375	O.FM-14	Y	-7.185	-8.802	14.801	16.445
1376	O.FM-14	Y	-8.802	-1.617	16.445	18.09
1377	O.FM-14	Y	-1.617	-8.101e-16	18.09	19.734
1378	I.FM-14	Y	-8.079	-4.812	7.82	10.167
1379	I.FM-14	Y	-4.812	-1.544	10.167	12.513
1380	O.FM-14	Y	-5.626	-6.263	10.964	13.156
1381	O.FM-14	Y	-6.263	-6.9	13.156	15.349
1382	I.FM-14	Y	-7.215	-7.215	6.139	8.381
1383	O.FM-14	Y	-13.863	-13.863	9.463	11.027
1384	I.FM-14	Y	-1.959	-2.446	3.128	5.474
1385	I.FM-14	Y	-2.446	-2.932	5.474	7.82
1386	O.FM-14	Y	-2.275	-2.446	4.385	10.964
1387	I.FM-14	Y	.378	-1.133	0	2.346
1388	I.FM-14	Y	-1.133	-4.156	2.346	4.692

Member Distributed Loads (BLC 214 : BLC 14 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude[lb/ft,...	End Magnitude[lb/ft,...	Start Location[in,%]	End Location[in,%]
1389	O.FM-14	Y	-2.053	-2.81	2.193	4.385
1390	O.FM-14	Y	-2.81	-3.567	4.385	6.578
1391	I.FM-14	Y	-1.57	-1.57	0	1.89
1392	O.FM-14	Y	-.93	-1.57	0	4.385
1393	I.FM-15	Y	-1.446	-1.446	13.589	15.639
1394	O.FM-15	Y	-1.054	-1.446	17.541	21.926

Member Area Loads (BLC 1 : Dead Load)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[psf]
1	N362	N278	N277	N361	Y	Two Way	-1.75
2	N361	N277	N276	N360	Y	Two Way	-1.75
3	N360	N276	N275	N359	Y	Two Way	-1.75
4	N359	N275	N274	N358	Y	Two Way	-1.75
5	N358	N274	N273	N357	Y	Two Way	-1.75
6	N357	N273	N33	N75	Y	Two Way	-1.75
7	N75	N33	N32	N74	Y	Two Way	-1.75
8	N74	N32	N272	N356	Y	Two Way	-1.75
9	N356	N272	N271	N355	Y	Two Way	-1.75
10	N355	N271	N270	N354	Y	Two Way	-1.75
11	N354	N270	N269	N353	Y	Two Way	-1.75
12	N353	N269	N268	N352	Y	Two Way	-1.75
13	N352	N268	N267	N351	Y	Two Way	-1.75
14	N351	N267	N31	N73	Y	Two Way	-1.75
15	N73	N31	N266	N350	Y	Two Way	-1.75
16	N350	N266	N265	N349	Y	Two Way	-1.75
17	N349	N265	N264	N348	Y	Two Way	-1.75
18	N348	N264	N263	N347	Y	Two Way	-1.75
19	N347	N263	N262	N346	Y	Two Way	-1.75
20	N346	N262	N261	N345	Y	Two Way	-1.75
21	N345	N261	N260	N72	Y	Two Way	-1.75
22	N72	N260	N259	N71	Y	Two Way	-1.75
23	N71	N259	N258	N344	Y	Two Way	-1.75
24	N344	N258	N257	N343	Y	Two Way	-1.75
25	N343	N257	N256	N342	Y	Two Way	-1.75
26	N342	N256	N255	N341	Y	Two Way	-1.75
27	N341	N255	N254	N340	Y	Two Way	-1.75
28	N340	N254	N253	N339	Y	Two Way	-1.75
29	N339	N253	N30	N70	Y	Two Way	-1.75
30	N70	N30	N252	N338	Y	Two Way	-1.75
31	N338	N252	N251	N337	Y	Two Way	-1.75
32	N337	N251	N250	N336	Y	Two Way	-1.75
33	N336	N250	N249	N335	Y	Two Way	-1.75
34	N335	N249	N248	N334	Y	Two Way	-1.75
35	N334	N248	N247	N333	Y	Two Way	-1.75
36	N334	N248	N247	N333	Y	Two Way	-1.75
37	N333	N247	N246	N69	Y	Two Way	-1.75
38	N69	N246	N29	N68	Y	Two Way	-1.75
39	N68	N29	N28	N67	Y	Two Way	-1.75
40	N67	N28	N27	N66	Y	Two Way	-1.75
41	N66	N27	N26	N65	Y	Two Way	-1.75
42	N65	N26	N25	N64	Y	Two Way	-1.75
43	N64	N25	N24	N63	Y	Two Way	-1.75
44	N63	N24	N23	N62	Y	Two Way	-1.75
45	N62	N23	N22	N61	Y	Two Way	-1.75
46	N61	N22	N21	N60	Y	Two Way	-1.75

Member Area Loads (BLC 1 : Dead Load) (Continued)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[psf]
47	N60	N21	N20	N59	Y	Two Way	-1.75
48	N59	N20	N19	N58	Y	Two Way	-1.75
49	N58	N19	N18	N57	Y	Two Way	-1.75
50	N57	N18	N17	N56	Y	Two Way	-1.75
51	N56	N17	N16	N55	Y	Two Way	-1.75
52	N55	N16	N15	N54	Y	Two Way	-1.75
53	N54	N15	N14	N53	Y	Two Way	-1.75
54	N53	N14	N245	N464	Y	Two Way	-1.75
55	N464	N245	N244	N463	Y	Two Way	-1.75
56	N463	N244	N243	N462	Y	Two Way	-1.75
57	N462	N243	N242	N461	Y	Two Way	-1.75
58	N461	N242	N241	N460	Y	Two Way	-1.75
59	N460	N241	N240	N459	Y	Two Way	-1.75
60	N459	N240	N13	N52	Y	Two Way	-1.75
61	N52	N13	N239	N458	Y	Two Way	-1.75
62	N458	N239	N238	N457	Y	Two Way	-1.75
63	N457	N238	N237	N456	Y	Two Way	-1.75
64	N456	N237	N236	N455	Y	Two Way	-1.75
65	N455	N236	N235	N454	Y	Two Way	-1.75
66	N454	N235	N234	N453	Y	Two Way	-1.75
67	N453	N234	N233	N51	Y	Two Way	-1.75
68	N51	N233	N232	N50	Y	Two Way	-1.75
69	N50	N232	N231	N452	Y	Two Way	-1.75
70	N452	N231	N230	N451	Y	Two Way	-1.75
71	N451	N230	N229	N450	Y	Two Way	-1.75
72	N450	N229	N228	N449	Y	Two Way	-1.75
73	N449	N228	N227	N448	Y	Two Way	-1.75
74	N448	N227	N226	N447	Y	Two Way	-1.75
75	N447	N226	N12	N49	Y	Two Way	-1.75
76	N49	N12	N225	N446	Y	Two Way	-1.75
77	N446	N225	N224	N445	Y	Two Way	-1.75
78	N445	N224	N223	N444	Y	Two Way	-1.75
79	N444	N223	N222	N443	Y	Two Way	-1.75
80	N443	N222	N221	N442	Y	Two Way	-1.75
81	N442	N221	N220	N441	Y	Two Way	-1.75
82	N441	N220	N219	N48	Y	Two Way	-1.75
83	N48	N219	N218	N47	Y	Two Way	-1.75
84	N47	N218	N217	N440	Y	Two Way	-1.75
85	N440	N217	N216	N439	Y	Two Way	-1.75
86	N439	N216	N215	N438	Y	Two Way	-1.75
87	N438	N215	N214	N437	Y	Two Way	-1.75
88	N437	N214	N213	N436	Y	Two Way	-1.75
89	N436	N213	N212	N435	Y	Two Way	-1.75
90	N435	N212	N11	N46	Y	Two Way	-1.75
91	N46	N11	N211	N434	Y	Two Way	-1.75
92	N434	N211	N210	N433	Y	Two Way	-1.75
93	N433	N210	N209	N432	Y	Two Way	-1.75
94	N432	N209	N208	N431	Y	Two Way	-1.75
95	N431	N208	N207	N430	Y	Two Way	-1.75
96	N430	N207	N206	N429	Y	Two Way	-1.75
97	N429	N206	N10	N45	Y	Two Way	-1.75
98	N45	N10	N9	N44	Y	Two Way	-1.75
99	N44	N9	N205	N428	Y	Two Way	-1.75
100	N428	N205	N204	N427	Y	Two Way	-1.75
101	N427	N204	N203	N426	Y	Two Way	-1.75
102	N426	N203	N202	N425	Y	Two Way	-1.75
103	N425	N202	N201	N424	Y	Two Way	-1.75

Member Area Loads (BLC 1 : Dead Load) (Continued)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[psf]
104	N424	N201	N200	N423	Y	Two Way	-1.75
105	N423	N200	N8	N43	Y	Two Way	-1.75
106	N43	N8	N199	N422	Y	Two Way	-1.75
107	N422	N199	N198	N421	Y	Two Way	-1.75
108	N422	N199	N198	N421	Y	Two Way	-1.75
109	N421	N198	N197	N420	Y	Two Way	-1.75
110	N420	N197	N196	N419	Y	Two Way	-1.75
111	N419	N196	N195	N418	Y	Two Way	-1.75
112	N418	N195	N194	N417	Y	Two Way	-1.75
113	N417	N194	N193	N42	Y	Two Way	-1.75
114	N42	N193	N192	N41	Y	Two Way	-1.75
115	N41	N192	N191	N416	Y	Two Way	-1.75
116	N416	N191	N190	N415	Y	Two Way	-1.75
117	N415	N190	N189	N414	Y	Two Way	-1.75
118	N414	N189	N188	N413	Y	Two Way	-1.75
119	N413	N188	N187	N412	Y	Two Way	-1.75
120	N412	N187	N186	N411	Y	Two Way	-1.75
121	N411	N186	N7	N40	Y	Two Way	-1.75
122	N40	N7	N332	N410	Y	Two Way	-1.75
123	N410	N332	N331	N409	Y	Two Way	-1.75
124	N409	N331	N330	N408	Y	Two Way	-1.75
125	N408	N330	N329	N407	Y	Two Way	-1.75
126	N407	N329	N328	N406	Y	Two Way	-1.75
127	N406	N328	N327	N405	Y	Two Way	-1.75
128	N405	N327	N326	N87	Y	Two Way	-1.75
129	N87	N326	N325	N86	Y	Two Way	-1.75
130	N86	N325	N324	N404	Y	Two Way	-1.75
131	N404	N324	N323	N403	Y	Two Way	-1.75
132	N403	N323	N322	N402	Y	Two Way	-1.75
133	N402	N322	N321	N401	Y	Two Way	-1.75
134	N401	N321	N320	N400	Y	Two Way	-1.75
135	N400	N320	N319	N399	Y	Two Way	-1.75
136	N399	N319	N39	N85	Y	Two Way	-1.75
137	N85	N39	N318	N398	Y	Two Way	-1.75
138	N398	N318	N317	N397	Y	Two Way	-1.75
139	N397	N317	N316	N396	Y	Two Way	-1.75
140	N396	N316	N315	N395	Y	Two Way	-1.75
141	N395	N315	N314	N394	Y	Two Way	-1.75
142	N394	N314	N313	N393	Y	Two Way	-1.75
143	N393	N313	N38	N84	Y	Two Way	-1.75
144	N84	N38	N37	N83	Y	Two Way	-1.75
145	N83	N37	N312	N392	Y	Two Way	-1.75
146	N392	N312	N311	N391	Y	Two Way	-1.75
147	N391	N311	N310	N390	Y	Two Way	-1.75
148	N390	N310	N309	N389	Y	Two Way	-1.75
149	N389	N309	N308	N388	Y	Two Way	-1.75
150	N388	N308	N307	N387	Y	Two Way	-1.75
151	N387	N307	N36	N82	Y	Two Way	-1.75
152	N82	N36	N306	N386	Y	Two Way	-1.75
153	N386	N306	N305	N385	Y	Two Way	-1.75
154	N385	N305	N304	N384	Y	Two Way	-1.75
155	N384	N304	N303	N383	Y	Two Way	-1.75
156	N383	N303	N302	N382	Y	Two Way	-1.75
157	N382	N302	N301	N381	Y	Two Way	-1.75
158	N381	N301	N300	N81	Y	Two Way	-1.75
159	N81	N300	N299	N80	Y	Two Way	-1.75
160	N80	N299	N298	N380	Y	Two Way	-1.75

Member Area Loads (BLC 1 : Dead Load) (Continued)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[psf]
161	N380	N298	N297	N379	Y	Two Way	-1.75
162	N379	N297	N296	N378	Y	Two Way	-1.75
163	N378	N296	N295	N377	Y	Two Way	-1.75
164	N377	N295	N294	N376	Y	Two Way	-1.75
165	N377	N295	N294	N376	Y	Two Way	-1.75
166	N377	N295	N294	N376	Y	Two Way	-1.75
167	N376	N294	N293	N375	Y	Two Way	-1.75
168	N375	N293	N35	N79	Y	Two Way	-1.75
169	N79	N35	N292	N374	Y	Two Way	-1.75
170	N374	N292	N291	N373	Y	Two Way	-1.75
171	N373	N291	N290	N372	Y	Two Way	-1.75
172	N372	N290	N289	N371	Y	Two Way	-1.75
173	N371	N289	N288	N370	Y	Two Way	-1.75
174	N370	N288	N287	N369	Y	Two Way	-1.75
175	N369	N287	N286	N78	Y	Two Way	-1.75
176	N78	N286	N285	N77	Y	Two Way	-1.75
177	N77	N285	N284	N368	Y	Two Way	-1.75
178	N368	N284	N283	N367	Y	Two Way	-1.75
179	N367	N283	N282	N366	Y	Two Way	-1.75
180	N366	N282	N281	N365	Y	Two Way	-1.75
181	N365	N281	N280	N364	Y	Two Way	-1.75
182	N364	N280	N279	N363	Y	Two Way	-1.75
183	N363	N279	N34	N76	Y	Two Way	-1.75
184	N76	N34	N278	N362	Y	Two Way	-1.75

Member Area Loads (BLC 14 : Ice Load)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[psf]
1	N362	N278	N277	N361	Y	Two Way	-10.91
2	N361	N277	N276	N360	Y	Two Way	-10.91
3	N360	N276	N275	N359	Y	Two Way	-10.91
4	N359	N275	N274	N358	Y	Two Way	-10.91
5	N358	N274	N273	N357	Y	Two Way	-10.91
6	N357	N273	N33	N75	Y	Two Way	-10.91
7	N75	N33	N32	N74	Y	Two Way	-10.91
8	N74	N32	N272	N356	Y	Two Way	-10.91
9	N356	N272	N271	N355	Y	Two Way	-10.91
10	N355	N271	N270	N354	Y	Two Way	-10.91
11	N354	N270	N269	N353	Y	Two Way	-10.91
12	N353	N269	N268	N352	Y	Two Way	-10.91
13	N352	N268	N267	N351	Y	Two Way	-10.91
14	N351	N267	N31	N73	Y	Two Way	-10.91
15	N73	N31	N266	N350	Y	Two Way	-10.91
16	N350	N266	N265	N349	Y	Two Way	-10.91
17	N349	N265	N264	N348	Y	Two Way	-10.91
18	N348	N264	N263	N347	Y	Two Way	-10.91
19	N347	N263	N262	N346	Y	Two Way	-10.91
20	N346	N262	N261	N345	Y	Two Way	-10.91
21	N345	N261	N260	N72	Y	Two Way	-10.91
22	N72	N260	N259	N71	Y	Two Way	-10.91
23	N71	N259	N258	N344	Y	Two Way	-10.91
24	N344	N258	N257	N343	Y	Two Way	-10.91
25	N343	N257	N256	N342	Y	Two Way	-10.91
26	N342	N256	N255	N341	Y	Two Way	-10.91
27	N341	N255	N254	N340	Y	Two Way	-10.91
28	N340	N254	N253	N339	Y	Two Way	-10.91
29	N339	N253	N30	N70	Y	Two Way	-10.91

Member Area Loads (BLC 14 : Ice Load) (Continued)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[psf]
30	N70	N30	N252	N338	Y	Two Way	-10.91
31	N338	N252	N251	N337	Y	Two Way	-10.91
32	N337	N251	N250	N336	Y	Two Way	-10.91
33	N336	N250	N249	N335	Y	Two Way	-10.91
34	N335	N249	N248	N334	Y	Two Way	-10.91
35	N334	N248	N247	N333	Y	Two Way	-10.91
36	N334	N248	N247	N333	Y	Two Way	-10.91
37	N333	N247	N246	N69	Y	Two Way	-10.91
38	N69	N246	N29	N68	Y	Two Way	-10.91
39	N68	N29	N28	N67	Y	Two Way	-10.91
40	N67	N28	N27	N66	Y	Two Way	-10.91
41	N66	N27	N26	N65	Y	Two Way	-10.91
42	N65	N26	N25	N64	Y	Two Way	-10.91
43	N64	N25	N24	N63	Y	Two Way	-10.91
44	N63	N24	N23	N62	Y	Two Way	-10.91
45	N62	N23	N22	N61	Y	Two Way	-10.91
46	N61	N22	N21	N60	Y	Two Way	-10.91
47	N60	N21	N20	N59	Y	Two Way	-10.91
48	N59	N20	N19	N58	Y	Two Way	-10.91
49	N58	N19	N18	N57	Y	Two Way	-10.91
50	N57	N18	N17	N56	Y	Two Way	-10.91
51	N56	N17	N16	N55	Y	Two Way	-10.91
52	N55	N16	N15	N54	Y	Two Way	-10.91
53	N54	N15	N14	N53	Y	Two Way	-10.91
54	N53	N14	N245	N464	Y	Two Way	-10.91
55	N464	N245	N244	N463	Y	Two Way	-10.91
56	N463	N244	N243	N462	Y	Two Way	-10.91
57	N462	N243	N242	N461	Y	Two Way	-10.91
58	N461	N242	N241	N460	Y	Two Way	-10.91
59	N460	N241	N240	N459	Y	Two Way	-10.91
60	N459	N240	N13	N52	Y	Two Way	-10.91
61	N52	N13	N239	N458	Y	Two Way	-10.91
62	N458	N239	N238	N457	Y	Two Way	-10.91
63	N457	N238	N237	N456	Y	Two Way	-10.91
64	N456	N237	N236	N455	Y	Two Way	-10.91
65	N455	N236	N235	N454	Y	Two Way	-10.91
66	N454	N235	N234	N453	Y	Two Way	-10.91
67	N453	N234	N233	N51	Y	Two Way	-10.91
68	N51	N233	N232	N50	Y	Two Way	-10.91
69	N50	N232	N231	N452	Y	Two Way	-10.91
70	N452	N231	N230	N451	Y	Two Way	-10.91
71	N451	N230	N229	N450	Y	Two Way	-10.91
72	N450	N229	N228	N449	Y	Two Way	-10.91
73	N449	N228	N227	N448	Y	Two Way	-10.91
74	N448	N227	N226	N447	Y	Two Way	-10.91
75	N447	N226	N12	N49	Y	Two Way	-10.91
76	N49	N12	N225	N446	Y	Two Way	-10.91
77	N446	N225	N224	N445	Y	Two Way	-10.91
78	N445	N224	N223	N444	Y	Two Way	-10.91
79	N444	N223	N222	N443	Y	Two Way	-10.91
80	N443	N222	N221	N442	Y	Two Way	-10.91
81	N442	N221	N220	N441	Y	Two Way	-10.91
82	N441	N220	N219	N48	Y	Two Way	-10.91
83	N48	N219	N218	N47	Y	Two Way	-10.91
84	N47	N218	N217	N440	Y	Two Way	-10.91
85	N440	N217	N216	N439	Y	Two Way	-10.91
86	N439	N216	N215	N438	Y	Two Way	-10.91

Member Area Loads (BLC 14 : Ice Load) (Continued)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[psf]
87	N438	N215	N214	N437	Y	Two Way	-10.91
88	N437	N214	N213	N436	Y	Two Way	-10.91
89	N436	N213	N212	N435	Y	Two Way	-10.91
90	N435	N212	N11	N46	Y	Two Way	-10.91
91	N46	N11	N211	N434	Y	Two Way	-10.91
92	N434	N211	N210	N433	Y	Two Way	-10.91
93	N433	N210	N209	N432	Y	Two Way	-10.91
94	N432	N209	N208	N431	Y	Two Way	-10.91
95	N431	N208	N207	N430	Y	Two Way	-10.91
96	N430	N207	N206	N429	Y	Two Way	-10.91
97	N429	N206	N10	N45	Y	Two Way	-10.91
98	N45	N10	N9	N44	Y	Two Way	-10.91
99	N44	N9	N205	N428	Y	Two Way	-10.91
100	N428	N205	N204	N427	Y	Two Way	-10.91
101	N427	N204	N203	N426	Y	Two Way	-10.91
102	N426	N203	N202	N425	Y	Two Way	-10.91
103	N425	N202	N201	N424	Y	Two Way	-10.91
104	N424	N201	N200	N423	Y	Two Way	-10.91
105	N423	N200	N8	N43	Y	Two Way	-10.91
106	N43	N8	N199	N422	Y	Two Way	-10.91
107	N422	N199	N198	N421	Y	Two Way	-10.91
108	N422	N199	N198	N421	Y	Two Way	-10.91
109	N421	N198	N197	N420	Y	Two Way	-10.91
110	N420	N197	N196	N419	Y	Two Way	-10.91
111	N419	N196	N195	N418	Y	Two Way	-10.91
112	N418	N195	N194	N417	Y	Two Way	-10.91
113	N417	N194	N193	N42	Y	Two Way	-10.91
114	N42	N193	N192	N41	Y	Two Way	-10.91
115	N41	N192	N191	N416	Y	Two Way	-10.91
116	N416	N191	N190	N415	Y	Two Way	-10.91
117	N415	N190	N189	N414	Y	Two Way	-10.91
118	N414	N189	N188	N413	Y	Two Way	-10.91
119	N413	N188	N187	N412	Y	Two Way	-10.91
120	N412	N187	N186	N411	Y	Two Way	-10.91
121	N411	N186	N7	N40	Y	Two Way	-10.91
122	N40	N7	N332	N410	Y	Two Way	-10.91
123	N410	N332	N331	N409	Y	Two Way	-10.91
124	N409	N331	N330	N408	Y	Two Way	-10.91
125	N408	N330	N329	N407	Y	Two Way	-10.91
126	N407	N329	N328	N406	Y	Two Way	-10.91
127	N406	N328	N327	N405	Y	Two Way	-10.91
128	N405	N327	N326	N87	Y	Two Way	-10.91
129	N87	N326	N325	N86	Y	Two Way	-10.91
130	N86	N325	N324	N404	Y	Two Way	-10.91
131	N404	N324	N323	N403	Y	Two Way	-10.91
132	N403	N323	N322	N402	Y	Two Way	-10.91
133	N402	N322	N321	N401	Y	Two Way	-10.91
134	N401	N321	N320	N400	Y	Two Way	-10.91
135	N400	N320	N319	N399	Y	Two Way	-10.91
136	N399	N319	N39	N85	Y	Two Way	-10.91
137	N85	N39	N318	N398	Y	Two Way	-10.91
138	N398	N318	N317	N397	Y	Two Way	-10.91
139	N397	N317	N316	N396	Y	Two Way	-10.91
140	N396	N316	N315	N395	Y	Two Way	-10.91
141	N395	N315	N314	N394	Y	Two Way	-10.91
142	N394	N314	N313	N393	Y	Two Way	-10.91
143	N393	N313	N38	N84	Y	Two Way	-10.91

Member Area Loads (BLC 14 : Ice Load) (Continued)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[psf]
144	N84	N38	N37	N83	Y	Two Way	-10.91
145	N83	N37	N312	N392	Y	Two Way	-10.91
146	N392	N312	N311	N391	Y	Two Way	-10.91
147	N391	N311	N310	N390	Y	Two Way	-10.91
148	N390	N310	N309	N389	Y	Two Way	-10.91
149	N389	N309	N308	N388	Y	Two Way	-10.91
150	N388	N308	N307	N387	Y	Two Way	-10.91
151	N387	N307	N36	N82	Y	Two Way	-10.91
152	N82	N36	N306	N386	Y	Two Way	-10.91
153	N386	N306	N305	N385	Y	Two Way	-10.91
154	N385	N305	N304	N384	Y	Two Way	-10.91
155	N384	N304	N303	N383	Y	Two Way	-10.91
156	N383	N303	N302	N382	Y	Two Way	-10.91
157	N382	N302	N301	N381	Y	Two Way	-10.91
158	N381	N301	N300	N81	Y	Two Way	-10.91
159	N81	N300	N299	N80	Y	Two Way	-10.91
160	N80	N299	N298	N380	Y	Two Way	-10.91
161	N380	N298	N297	N379	Y	Two Way	-10.91
162	N379	N297	N296	N378	Y	Two Way	-10.91
163	N378	N296	N295	N377	Y	Two Way	-10.91
164	N377	N295	N294	N376	Y	Two Way	-10.91
165	N377	N295	N294	N376	Y	Two Way	-10.91
166	N377	N295	N294	N376	Y	Two Way	-10.91
167	N376	N294	N293	N375	Y	Two Way	-10.91
168	N375	N293	N35	N79	Y	Two Way	-10.91
169	N79	N35	N292	N374	Y	Two Way	-10.91
170	N374	N292	N291	N373	Y	Two Way	-10.91
171	N373	N291	N290	N372	Y	Two Way	-10.91
172	N372	N290	N289	N371	Y	Two Way	-10.91
173	N371	N289	N288	N370	Y	Two Way	-10.91
174	N370	N288	N287	N369	Y	Two Way	-10.91
175	N369	N287	N286	N78	Y	Two Way	-10.91
176	N78	N286	N285	N77	Y	Two Way	-10.91
177	N77	N285	N284	N368	Y	Two Way	-10.91
178	N368	N284	N283	N367	Y	Two Way	-10.91
179	N367	N283	N282	N366	Y	Two Way	-10.91
180	N366	N282	N281	N365	Y	Two Way	-10.91
181	N365	N281	N280	N364	Y	Two Way	-10.91
182	N364	N280	N279	N363	Y	Two Way	-10.91
183	N363	N279	N34	N76	Y	Two Way	-10.91
184	N76	N34	N278	N362	Y	Two Way	-10.91

Basic Load Cases

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distribut..	Area(M...	Surface(Plate/Wall)
1	Dead Load	None		-1			19		184	
2	Wind Load (0 deg)	None					41	162		
3	Wind Load (30 deg)	None					41	162		
4	Wind Load (60 deg)	None					41	162		
5	Wind Load (90 deg)	None					41	162		
6	Wind Load (120 deg)	None					41	162		
7	Wind Load (150 deg)	None					41	162		
8	Wind Load (180 deg)	None					41	162		
9	Wind Load (210 deg)	None					41	162		
10	Wind Load (240 deg)	None					41	162		
11	Wind Load (270 deg)	None					41	162		

Basic Load Cases (Continued)

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distribut...	Area(M...	Surface(Plate/Wall)
12	Wind Load (300 deg)	None					41	162		
13	Wind Load (330 deg)	None					41	162		
14	Ice Load	None					19	81	184	
15	Wind on Ice (0 deg)	None					41	162		
16	Wind on Ice (30 deg)	None					41	162		
17	Wind on Ice (60 deg)	None					41	162		
18	Wind on Ice (90 deg)	None					41	162		
19	Wind on Ice (120 deg)	None					41	162		
20	Wind on Ice (150 deg)	None					41	162		
21	Wind on Ice (180 deg)	None					41	162		
22	Wind on Ice (210 deg)	None					41	162		
23	Wind on Ice (240 deg)	None					41	162		
24	Wind on Ice (270 deg)	None					41	162		
25	Wind on Ice (300 deg)	None					41	162		
26	Wind on Ice (330 deg)	None					41	162		
27	Horizontal Seismic, Eh (0)	None	1				38			
28	Horizontal Seismic, Eh (30)	None	.866		.5		38			
29	Horizontal Seismic, Eh (60)	None	.5		.866		38			
30	Horizontal Seismic, Eh (90)	None			1		38			
31	Horizontal Seismic, Eh (120)	None	-.5		.866		38			
32	Horizontal Seismic, Eh (150)	None	-.866		.5		38			
33	Horizontal Seismic, Eh (180)	None	-1				38			
34	Horizontal Seismic, Eh (210)	None	-.866		-.5		38			
35	Horizontal Seismic, Eh (240)	None	-.5		-.866		38			
36	Horizontal Seismic, Eh (270)	None			-1		38			
37	Horizontal Seismic, Eh (300)	None	.5		-.866		38			
38	Horizontal Seismic, Eh (330)	None	.866		-.5		38			
39	Maintenance Load, Lm (M...	None					1			
40	Maintenance Load, Lm (M...	None					1			
41	Maintenance Load, Lm (M...	None					1			
42	Maintenance Load, Lm (M...	None					1			
43	Maintenance Load, Lm (M...	None					1			
44	Maintenance Load, Lm (M...	None					1			
45	Maintenance Load, Lm (M...	None					1			
46	Maintenance Load, Lm (M...	None					1			
47	Maintenance Load, Lm (M...	None					1			
48	Maintenance Load, Lm (M...	None					1			
49	Maintenance Load, Lm (M...	None					1			
50	Maintenance Load, Lm (M...	None					1			
51	Maintenance Load, Lm (M...	None								
52	Maintenance Load, Lm (M...	None								
53	Maintenance Load, Lm (M...	None								
54	Maintenance Load, Lm (M...	None								
55	Maintenance Load, Lm (M...	None								
56	Maintenance Load, Lm (M...	None								
57	Maintenance Load, Lm (M...	None								
58	Maintenance Load, Lm (M...	None								
59	Maintenance Load, Lm (M...	None								
60	Maintenance Load, Lm (M...	None								
61	Maintenance Load, Lm (M...	None								
62	Maintenance Load, Lm (M...	None								
63	Maintenance Load, Lm (M...	None								
64	Maintenance Load, Lm (M...	None								
65	Maintenance Load, Lm (M...	None								
66	Maintenance Load, Lm (M...	None								
67	Maintenance Load, Lm (M...	None								
68	Maintenance Load, Lm (M...	None								

Basic Load Cases (Continued)

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distribut...	Area(M...	Surface(Plate/Wall)
69	Maintenance Load, Lm (M...	None								
70	Maintenance Load, Lm (M...	None								
71	Maintenance Load, Lm (M...	None								
72	Maintenance Load, Lm (M...	None								
73	Maintenance Load, Lm (M...	None								
74	Maintenance Load, Lm (M...	None								
75	Maintenance Load, Lv (Po...	None					1			
76	Maintenance Load, Lv (Po...	None					1			
77	Maintenance Load, Lv (Po...	None					1			
78	Maintenance Load, Lv (Po...	None					1			
79	Maintenance Load, Lv (Po...	None					1			
80	Maintenance Load, Lv (Po...	None					1			
81	Maintenance Load, Lv (Po...	None					1			
82	Maintenance Load, Lv (Po...	None					1			
83	Maintenance Load, Lv (Po...	None					1			
84	Maintenance Load, Lv (Po...	None					1			
85	Maintenance Load, Lv (Po...	None					1			
86	Maintenance Load, Lv (Po...	None					1			
87	Maintenance Load, Lv (Po...	None								
88	Maintenance Load, Lv (Po...	None								
89	Maintenance Load, Lv (Po...	None								
90	Maintenance Load, Lv (Po...	None								
91	Maintenance Load, Lv (Po...	None								
92	Maintenance Load, Lv (Po...	None								
93	Maintenance Load, Lv (Po...	None								
94	Maintenance Load, Lv (Po...	None								
95	Maintenance Load, Lv (Po...	None								
96	Maintenance Load, Lv (Po...	None								
97	Maintenance Load, Lv (Po...	None								
98	Maintenance Load, Lv (Po...	None								
99	Maintenance Load, Lv (Po...	None								
100	Maintenance Load, Lv (Po...	None								
101	Maintenance Load, Lv (Po...	None								
102	Maintenance Load, Lv (Po...	None								
103	Maintenance Load, Lv (Po...	None								
104	Maintenance Load, Lv (Po...	None								
105	Maintenance Load, Lv (Po...	None								
106	Maintenance Load, Lv (Po...	None								
107	Maintenance Load, Lv (Po...	None								
108	Maintenance Load, Lv (Po...	None								
109	Maintenance Load, Lv (Po...	None								
110	Maintenance Load, Lv (Po...	None								
111	Maintenance Load, Lv (Po...	None								
112	Maintenance Load, Lv (Po...	None								
113	Maintenance Load, Lv (Po...	None								
114	Maintenance Load, Lv (Po...	None								
115	Maintenance Load, Lv (Po...	None								
116	Maintenance Load, Lv (Po...	None								
117	Maintenance Load, Lv (Po...	None								
118	Maintenance Load, Lv (Po...	None								
119	Maintenance Load, Lv (Po...	None								
120	Maintenance Load, Lv (Po...	None								
121	Maintenance Load, Lv (Po...	None								
122	Maintenance Load, Lv (Po...	None								
123	Maintenance Load, Lv (Po...	None								
124	Maintenance Load, Lv (Po...	None								
125	Maintenance Load, Lv (Po...	None								

Basic Load Cases (Continued)

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distribut...	Area(M...	Surface(Plate/Wall)
126	Maintenance Load, Lv (Po...	None								
127	Maintenance Load, Lv (Po...	None								
128	Maintenance Load, Lv (Po...	None								
129	Maintenance Load, Lv (Po...	None								
130	Maintenance Load, Lv (Po...	None								
131	Maintenance Load, Lv (Po...	None								
132	Maintenance Load, Lv (Po...	None								
133	Maintenance Load, Lv (Po...	None								
134	Maintenance Load, Lv (Po...	None								
135	Maintenance Load, Lv (Po...	None								
136	Maintenance Load, Lv (Po...	None								
137	Maintenance Load, Lv (Po...	None								
138	Maintenance Load, Lv (Po...	None								
139	Maintenance Load, Lv (Po...	None								
140	Maintenance Load, Lv (Po...	None								
141	Maintenance Load, Lv (Po...	None								
142	Maintenance Load, Lv (Po...	None								
143	Maintenance Load, Lv (Po...	None								
144	Maintenance Load, Lv (Po...	None								
145	Maintenance Load, Lv (Po...	None								
146	Maintenance Load, Lv (Po...	None								
147	Maintenance Load, Lv (Po...	None								
148	Maintenance Load, Lv (Po...	None								
149	Maintenance Load, Lv (Po...	None								
150	Maintenance Load, Lv (Po...	None								
151	Maintenance Load, Lv (Po...	None								
152	Maintenance Load, Lv (Po...	None								
153	Maintenance Load, Lv (Po...	None								
154	Maintenance Load, Lv (Po...	None								
155	Maintenance Load, Lv (Po...	None								
156	Maintenance Load, Lv (Po...	None								
157	Maintenance Load, Lv (Po...	None								
158	Maintenance Load, Lv (Po...	None								
159	Maintenance Load, Lv (Po...	None								
160	Maintenance Load, Lv (Po...	None								
161	Maintenance Load, Lv (Po...	None								
162	Maintenance Load, Lv (Po...	None								
163	Maintenance Load, Lv (Po...	None								
164	Maintenance Load, Lv (Po...	None								
165	Maintenance Load, Lv (Po...	None								
166	Maintenance Load, Lv (Po...	None								
167	Maintenance Load, Lv (Po...	None								
168	Maintenance Load, Lv (Po...	None								
169	Maintenance Load, Lv (Po...	None								
170	Maintenance Load, Lv (Po...	None								
171	Maintenance Load, Lv (Po...	None								
172	Maintenance Load, Lv (Po...	None								
173	Maintenance Load, Lv (Po...	None								
174	Maintenance Load, Lv (Po...	None								
175	Antenna Dead Load	None					18			
176	Antenna Wind Load (0 deg)	None					36			
177	Antenna Wind Load (30 de...	None					36			
178	Antenna Wind Load (60 de...	None					36			
179	Antenna Wind Load (90 de...	None					36			
180	Antenna Wind Load (120 d...	None					36			
181	Antenna Wind Load (150 d...	None					36			
182	Antenna Wind Load (180 d...	None					36			

Basic Load Cases (Continued)

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distribut...	Area(M...	Surface(Plate/Wall)
183	Antenna Wind Load (210 d...	None					36			
184	Antenna Wind Load (240 d...	None					36			
185	Antenna Wind Load (270 d...	None					36			
186	Antenna Wind Load (300 d...	None					36			
187	Antenna Wind Load (330 d...	None					36			
188	Antenna Ice Load	None					18			
189	Antenna Wind on Ice (0 deg)	None					36			
190	Antenna Wind on Ice (30 d...	None					36			
191	Antenna Wind on Ice (60 d...	None					36			
192	Antenna Wind on Ice (90 d...	None					36			
193	Antenna Wind on Ice (120 ...	None					36			
194	Antenna Wind on Ice (150 ...	None					36			
195	Antenna Wind on Ice (180 ...	None					36			
196	Antenna Wind on Ice (210 ...	None					36			
197	Antenna Wind on Ice (240 ...	None					36			
198	Antenna Wind on Ice (270 ...	None					36			
199	Antenna Wind on Ice (300 ...	None					36			
200	Antenna Wind on Ice (330 ...	None					36			
201	Ant. Horiz. Seismic, Eh (0)	None					36			
202	Ant. Horiz. Seismic, Eh (30)	None					36			
203	Ant. Horiz. Seismic, Eh (60)	None					36			
204	Ant. Horiz. Seismic, Eh (90)	None					36			
205	Ant. Horiz. Seismic, Eh (12...	None					36			
206	Ant. Horiz. Seismic, Eh (15...	None					36			
207	Ant. Horiz. Seismic, Eh (18...	None					36			
208	Ant. Horiz. Seismic, Eh (21...	None					36			
209	Ant. Horiz. Seismic, Eh (24...	None					36			
210	Ant. Horiz. Seismic, Eh (27...	None					36			
211	Ant. Horiz. Seismic, Eh (30...	None					36			
212	Ant. Horiz. Seismic, Eh (33...	None					36			
213	BLC 1 Transient Area Loads	None						1389		
214	BLC 14 Transient Area Lo...	None						1394		

Load Combinations

	Description	S...	P...	S...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...
1	1.4D	Yes	Y		1	1.4	175	1.4																		
2	1.2D + 1.0W (0 deg)	Yes	Y		1	1.2	2	1	175	1.2	176	1														
3	1.2D + 1.0W (30 deg)	Yes	Y		1	1.2	3	1	175	1.2	177	1														
4	1.2D + 1.0W (60 deg)	Yes	Y		1	1.2	4	1	175	1.2	178	1														
5	1.2D + 1.0W (90 deg)	Yes	Y		1	1.2	5	1	175	1.2	179	1														
6	1.2D + 1.0W (120 deg)	Yes	Y		1	1.2	6	1	175	1.2	180	1														
7	1.2D + 1.0W (150 deg)	Yes	Y		1	1.2	7	1	175	1.2	181	1														
8	1.2D + 1.0W (180 deg)	Yes	Y		1	1.2	8	1	175	1.2	182	1														
9	1.2D + 1.0W (210 deg)	Yes	Y		1	1.2	9	1	175	1.2	183	1														
10	1.2D + 1.0W (240 deg)	Yes	Y		1	1.2	10	1	175	1.2	184	1														
11	1.2D + 1.0W (270 deg)	Yes	Y		1	1.2	11	1	175	1.2	185	1														
12	1.2D + 1.0W (300 deg)	Yes	Y		1	1.2	12	1	175	1.2	186	1														
13	1.2D + 1.0W (330 deg)	Yes	Y		1	1.2	13	1	175	1.2	187	1														
14	1.2D + Di + Wi (0 deg)	Yes	Y		1	1.2	14	1	15	1	175	1.2	188	1	189	1										
15	1.2D + Di + Wi (30 deg)	Yes	Y		1	1.2	14	1	16	1	175	1.2	188	1	190	1										
16	1.2D + Di + Wi (60 deg)	Yes	Y		1	1.2	14	1	17	1	175	1.2	188	1	191	1										
17	1.2D + Di + Wi (90 deg)	Yes	Y		1	1.2	14	1	18	1	175	1.2	188	1	192	1										
18	1.2D + Di + Wi (120 deg)	Yes	Y		1	1.2	14	1	19	1	175	1.2	188	1	193	1										
19	1.2D + Di + Wi (150 deg)	Yes	Y		1	1.2	14	1	20	1	175	1.2	188	1	194	1										
20	1.2D + Di + Wi (180 deg)	Yes	Y		1	1.2	14	1	21	1	175	1.2	188	1	195	1										

Load Combinations (Continued)

	Description	S...	P...	S...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...
21	1.2D + Di + Wi (210 deg)	Yes	Y		1	1.2	14	1	22	1	175	1.2	188	1	196	1								
22	1.2D + Di + Wi (240 deg)	Yes	Y		1	1.2	14	1	23	1	175	1.2	188	1	197	1								
23	1.2D + Di + Wi (270 deg)	Yes	Y		1	1.2	14	1	24	1	175	1.2	188	1	198	1								
24	1.2D + Di + Wi (300 deg)	Yes	Y		1	1.2	14	1	25	1	175	1.2	188	1	199	1								
25	1.2D + Di + Wi (330 deg)	Yes	Y		1	1.2	14	1	26	1	175	1.2	188	1	200	1								
26	1.2D + 1.0 Ev + 1.0Eh (0 deg)	Yes	Y		1	1.2	1	.044	27	.11	175	1.2	175	.044	201	.11								
27	1.2D + 1.0 Ev + 1.0Eh (30 deg)	Yes	Y		1	1.2	1	.044	28	.11	175	1.2	175	.044	202	.11								
28	1.2D + 1.0 Ev + 1.0Eh (60 deg)	Yes	Y		1	1.2	1	.044	29	.11	175	1.2	175	.044	203	.11								
29	1.2D + 1.0 Ev + 1.0Eh (90 deg)	Yes	Y		1	1.2	1	.044	30	.11	175	1.2	175	.044	204	.11								
30	1.2D + 1.0 Ev + 1.0Eh (120 d...	Yes	Y		1	1.2	1	.044	31	.11	175	1.2	175	.044	205	.11								
31	1.2D + 1.0 Ev + 1.0Eh (150 d...	Yes	Y		1	1.2	1	.044	32	.11	175	1.2	175	.044	206	.11								
32	1.2D + 1.0 Ev + 1.0Eh (180 d...	Yes	Y		1	1.2	1	.044	33	.11	175	1.2	175	.044	207	.11								
33	1.2D + 1.0 Ev + 1.0Eh (210 d...	Yes	Y		1	1.2	1	.044	34	.11	175	1.2	175	.044	208	.11								
34	1.2D + 1.0 Ev + 1.0Eh (240 d...	Yes	Y		1	1.2	1	.044	35	.11	175	1.2	175	.044	209	.11								
35	1.2D + 1.0 Ev + 1.0Eh (270 d...	Yes	Y		1	1.2	1	.044	36	.11	175	1.2	175	.044	210	.11								
36	1.2D + 1.0 Ev + 1.0Eh (300 d...	Yes	Y		1	1.2	1	.044	37	.11	175	1.2	175	.044	211	.11								
37	1.2D + 1.0 Ev + 1.0Eh (330 d...	Yes	Y		1	1.2	1	.044	38	.11	175	1.2	175	.044	212	.11								
38	1.2D + 1.5Lm1 + 1.0Wm (0 d...	Yes	Y		1	1.2	39	1.5	2	.059	175	1.2	176	.059										
39	1.2D + 1.5Lm1 + 1.0Wm (30 ...	Yes	Y		1	1.2	39	1.5	3	.059	175	1.2	177	.059										
40	1.2D + 1.5Lm1 + 1.0Wm (60 ...	Yes	Y		1	1.2	39	1.5	4	.059	175	1.2	178	.059										
41	1.2D + 1.5Lm1 + 1.0Wm (90 ...	Yes	Y		1	1.2	39	1.5	5	.059	175	1.2	179	.059										
42	1.2D + 1.5Lm1 + 1.0Wm (120...	Yes	Y		1	1.2	39	1.5	6	.059	175	1.2	180	.059										
43	1.2D + 1.5Lm1 + 1.0Wm (150...	Yes	Y		1	1.2	39	1.5	7	.059	175	1.2	181	.059										
44	1.2D + 1.5Lm1 + 1.0Wm (180...	Yes	Y		1	1.2	39	1.5	8	.059	175	1.2	182	.059										
45	1.2D + 1.5Lm1 + 1.0Wm (210...	Yes	Y		1	1.2	39	1.5	9	.059	175	1.2	183	.059										
46	1.2D + 1.5Lm1 + 1.0Wm (240...	Yes	Y		1	1.2	39	1.5	10	.059	175	1.2	184	.059										
47	1.2D + 1.5Lm1 + 1.0Wm (270...	Yes	Y		1	1.2	39	1.5	11	.059	175	1.2	185	.059										
48	1.2D + 1.5Lm1 + 1.0Wm (300...	Yes	Y		1	1.2	39	1.5	12	.059	175	1.2	186	.059										
49	1.2D + 1.5Lm1 + 1.0Wm (330...	Yes	Y		1	1.2	39	1.5	13	.059	175	1.2	187	.059										
50	1.2D + 1.5Lm2 + 1.0Wm (0 d...	Yes	Y		1	1.2	40	1.5	2	.059	175	1.2	176	.059										
51	1.2D + 1.5Lm2 + 1.0Wm (30 ...	Yes	Y		1	1.2	40	1.5	3	.059	175	1.2	177	.059										
52	1.2D + 1.5Lm2 + 1.0Wm (60 ...	Yes	Y		1	1.2	40	1.5	4	.059	175	1.2	178	.059										
53	1.2D + 1.5Lm2 + 1.0Wm (90 ...	Yes	Y		1	1.2	40	1.5	5	.059	175	1.2	179	.059										
54	1.2D + 1.5Lm2 + 1.0Wm (120...	Yes	Y		1	1.2	40	1.5	6	.059	175	1.2	180	.059										
55	1.2D + 1.5Lm2 + 1.0Wm (150...	Yes	Y		1	1.2	40	1.5	7	.059	175	1.2	181	.059										
56	1.2D + 1.5Lm2 + 1.0Wm (180...	Yes	Y		1	1.2	40	1.5	8	.059	175	1.2	182	.059										
57	1.2D + 1.5Lm2 + 1.0Wm (210...	Yes	Y		1	1.2	40	1.5	9	.059	175	1.2	183	.059										
58	1.2D + 1.5Lm2 + 1.0Wm (240...	Yes	Y		1	1.2	40	1.5	10	.059	175	1.2	184	.059										
59	1.2D + 1.5Lm2 + 1.0Wm (270...	Yes	Y		1	1.2	40	1.5	11	.059	175	1.2	185	.059										
60	1.2D + 1.5Lm2 + 1.0Wm (300...	Yes	Y		1	1.2	40	1.5	12	.059	175	1.2	186	.059										
61	1.2D + 1.5Lm2 + 1.0Wm (330...	Yes	Y		1	1.2	40	1.5	13	.059	175	1.2	187	.059										
62	1.2D + 1.5Lm3 + 1.0Wm (0 d...	Yes	Y		1	1.2	41	1.5	2	.059	175	1.2	176	.059										
63	1.2D + 1.5Lm3 + 1.0Wm (30 ...	Yes	Y		1	1.2	41	1.5	3	.059	175	1.2	177	.059										
64	1.2D + 1.5Lm3 + 1.0Wm (60 ...	Yes	Y		1	1.2	41	1.5	4	.059	175	1.2	178	.059										
65	1.2D + 1.5Lm3 + 1.0Wm (90 ...	Yes	Y		1	1.2	41	1.5	5	.059	175	1.2	179	.059										
66	1.2D + 1.5Lm3 + 1.0Wm (120...	Yes	Y		1	1.2	41	1.5	6	.059	175	1.2	180	.059										
67	1.2D + 1.5Lm3 + 1.0Wm (150...	Yes	Y		1	1.2	41	1.5	7	.059	175	1.2	181	.059										
68	1.2D + 1.5Lm3 + 1.0Wm (180...	Yes	Y		1	1.2	41	1.5	8	.059	175	1.2	182	.059										
69	1.2D + 1.5Lm3 + 1.0Wm (210...	Yes	Y		1	1.2	41	1.5	9	.059	175	1.2	183	.059										
70	1.2D + 1.5Lm3 + 1.0Wm (240...	Yes	Y		1	1.2	41	1.5	10	.059	175	1.2	184	.059										
71	1.2D + 1.5Lm3 + 1.0Wm (270...	Yes	Y		1	1.2	41	1.5	11	.059	175	1.2	185	.059										
72	1.2D + 1.5Lm3 + 1.0Wm (300...	Yes	Y		1	1.2	41	1.5	12	.059	175	1.2	186	.059										
73	1.2D + 1.5Lm3 + 1.0Wm (330...	Yes	Y		1	1.2	41	1.5	13	.059	175	1.2	187	.059										
74	1.2D + 1.5Lm4 + 1.0Wm (0 d...	Yes	Y		1	1.2	42	1.5	2	.059	175	1.2	176	.059										
75	1.2D + 1.5Lm4 + 1.0Wm (30 ...	Yes	Y		1	1.2	42	1.5	3	.059	175	1.2	177	.059										
76	1.2D + 1.5Lm4 + 1.0Wm (60 ...	Yes	Y		1	1.2	42	1.5	4	.059	175	1.2	178	.059										
77	1.2D + 1.5Lm4 + 1.0Wm (90 ...	Yes	Y		1	1.2	42	1.5	5	.059	175	1.2	179	.059										

Load Combinations (Continued)

	Description	S...	P...	S...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...
78	1.2D + 1.5Lm4 + 1.0Wm (120..	Yes	Y		1	1.2	42	1.5	6	.059	175	1.2	180	.059										
79	1.2D + 1.5Lm4 + 1.0Wm (150..	Yes	Y		1	1.2	42	1.5	7	.059	175	1.2	181	.059										
80	1.2D + 1.5Lm4 + 1.0Wm (180..	Yes	Y		1	1.2	42	1.5	8	.059	175	1.2	182	.059										
81	1.2D + 1.5Lm4 + 1.0Wm (210..	Yes	Y		1	1.2	42	1.5	9	.059	175	1.2	183	.059										
82	1.2D + 1.5Lm4 + 1.0Wm (240..	Yes	Y		1	1.2	42	1.5	10	.059	175	1.2	184	.059										
83	1.2D + 1.5Lm4 + 1.0Wm (270..	Yes	Y		1	1.2	42	1.5	11	.059	175	1.2	185	.059										
84	1.2D + 1.5Lm4 + 1.0Wm (300..	Yes	Y		1	1.2	42	1.5	12	.059	175	1.2	186	.059										
85	1.2D + 1.5Lm4 + 1.0Wm (330..	Yes	Y		1	1.2	42	1.5	13	.059	175	1.2	187	.059										
86	1.2D + 1.5Lm5 + 1.0Wm (0 d...	Yes	Y		1	1.2	43	1.5	2	.059	175	1.2	176	.059										
87	1.2D + 1.5Lm5 + 1.0Wm (30 ...	Yes	Y		1	1.2	43	1.5	3	.059	175	1.2	177	.059										
88	1.2D + 1.5Lm5 + 1.0Wm (60 ...	Yes	Y		1	1.2	43	1.5	4	.059	175	1.2	178	.059										
89	1.2D + 1.5Lm5 + 1.0Wm (90 ...	Yes	Y		1	1.2	43	1.5	5	.059	175	1.2	179	.059										
90	1.2D + 1.5Lm5 + 1.0Wm (120..	Yes	Y		1	1.2	43	1.5	6	.059	175	1.2	180	.059										
91	1.2D + 1.5Lm5 + 1.0Wm (150..	Yes	Y		1	1.2	43	1.5	7	.059	175	1.2	181	.059										
92	1.2D + 1.5Lm5 + 1.0Wm (180..	Yes	Y		1	1.2	43	1.5	8	.059	175	1.2	182	.059										
93	1.2D + 1.5Lm5 + 1.0Wm (210..	Yes	Y		1	1.2	43	1.5	9	.059	175	1.2	183	.059										
94	1.2D + 1.5Lm5 + 1.0Wm (240..	Yes	Y		1	1.2	43	1.5	10	.059	175	1.2	184	.059										
95	1.2D + 1.5Lm5 + 1.0Wm (270..	Yes	Y		1	1.2	43	1.5	11	.059	175	1.2	185	.059										
96	1.2D + 1.5Lm5 + 1.0Wm (300..	Yes	Y		1	1.2	43	1.5	12	.059	175	1.2	186	.059										
97	1.2D + 1.5Lm5 + 1.0Wm (330..	Yes	Y		1	1.2	43	1.5	13	.059	175	1.2	187	.059										
98	1.2D + 1.5Lm6 + 1.0Wm (0 d...	Yes	Y		1	1.2	44	1.5	2	.059	175	1.2	176	.059										
99	1.2D + 1.5Lm6 + 1.0Wm (30 ...	Yes	Y		1	1.2	44	1.5	3	.059	175	1.2	177	.059										
100	1.2D + 1.5Lm6 + 1.0Wm (60 ...	Yes	Y		1	1.2	44	1.5	4	.059	175	1.2	178	.059										
101	1.2D + 1.5Lm6 + 1.0Wm (90 ...	Yes	Y		1	1.2	44	1.5	5	.059	175	1.2	179	.059										
102	1.2D + 1.5Lm6 + 1.0Wm (120..	Yes	Y		1	1.2	44	1.5	6	.059	175	1.2	180	.059										
103	1.2D + 1.5Lm6 + 1.0Wm (150..	Yes	Y		1	1.2	44	1.5	7	.059	175	1.2	181	.059										
104	1.2D + 1.5Lm6 + 1.0Wm (180..	Yes	Y		1	1.2	44	1.5	8	.059	175	1.2	182	.059										
105	1.2D + 1.5Lm6 + 1.0Wm (210..	Yes	Y		1	1.2	44	1.5	9	.059	175	1.2	183	.059										
106	1.2D + 1.5Lm6 + 1.0Wm (240..	Yes	Y		1	1.2	44	1.5	10	.059	175	1.2	184	.059										
107	1.2D + 1.5Lm6 + 1.0Wm (270..	Yes	Y		1	1.2	44	1.5	11	.059	175	1.2	185	.059										
108	1.2D + 1.5Lm6 + 1.0Wm (300..	Yes	Y		1	1.2	44	1.5	12	.059	175	1.2	186	.059										
109	1.2D + 1.5Lm6 + 1.0Wm (330..	Yes	Y		1	1.2	44	1.5	13	.059	175	1.2	187	.059										
110	1.2D + 1.5Lm7 + 1.0Wm (0 d...	Yes	Y		1	1.2	45	1.5	2	.059	175	1.2	176	.059										
111	1.2D + 1.5Lm7 + 1.0Wm (30 ...	Yes	Y		1	1.2	45	1.5	3	.059	175	1.2	177	.059										
112	1.2D + 1.5Lm7 + 1.0Wm (60 ...	Yes	Y		1	1.2	45	1.5	4	.059	175	1.2	178	.059										
113	1.2D + 1.5Lm7 + 1.0Wm (90 ...	Yes	Y		1	1.2	45	1.5	5	.059	175	1.2	179	.059										
114	1.2D + 1.5Lm7 + 1.0Wm (120..	Yes	Y		1	1.2	45	1.5	6	.059	175	1.2	180	.059										
115	1.2D + 1.5Lm7 + 1.0Wm (150..	Yes	Y		1	1.2	45	1.5	7	.059	175	1.2	181	.059										
116	1.2D + 1.5Lm7 + 1.0Wm (180..	Yes	Y		1	1.2	45	1.5	8	.059	175	1.2	182	.059										
117	1.2D + 1.5Lm7 + 1.0Wm (210..	Yes	Y		1	1.2	45	1.5	9	.059	175	1.2	183	.059										
118	1.2D + 1.5Lm7 + 1.0Wm (240..	Yes	Y		1	1.2	45	1.5	10	.059	175	1.2	184	.059										
119	1.2D + 1.5Lm7 + 1.0Wm (270..	Yes	Y		1	1.2	45	1.5	11	.059	175	1.2	185	.059										
120	1.2D + 1.5Lm7 + 1.0Wm (300..	Yes	Y		1	1.2	45	1.5	12	.059	175	1.2	186	.059										
121	1.2D + 1.5Lm7 + 1.0Wm (330..	Yes	Y		1	1.2	45	1.5	13	.059	175	1.2	187	.059										
122	1.2D + 1.5Lm8 + 1.0Wm (0 d...	Yes	Y		1	1.2	46	1.5	2	.059	175	1.2	176	.059										
123	1.2D + 1.5Lm8 + 1.0Wm (30 ...	Yes	Y		1	1.2	46	1.5	3	.059	175	1.2	177	.059										
124	1.2D + 1.5Lm8 + 1.0Wm (60 ...	Yes	Y		1	1.2	46	1.5	4	.059	175	1.2	178	.059										
125	1.2D + 1.5Lm8 + 1.0Wm (90 ...	Yes	Y		1	1.2	46	1.5	5	.059	175	1.2	179	.059										
126	1.2D + 1.5Lm8 + 1.0Wm (120..	Yes	Y		1	1.2	46	1.5	6	.059	175	1.2	180	.059										
127	1.2D + 1.5Lm8 + 1.0Wm (150..	Yes	Y		1	1.2	46	1.5	7	.059	175	1.2	181	.059										
128	1.2D + 1.5Lm8 + 1.0Wm (180..	Yes	Y		1	1.2	46	1.5	8	.059	175	1.2	182	.059										
129	1.2D + 1.5Lm8 + 1.0Wm (210..	Yes	Y		1	1.2	46	1.5	9	.059	175	1.2	183	.059										
130	1.2D + 1.5Lm8 + 1.0Wm (240..	Yes	Y		1	1.2	46	1.5	10	.059	175	1.2	184	.059										
131	1.2D + 1.5Lm8 + 1.0Wm (270..	Yes	Y		1	1.2	46	1.5	11	.059	175	1.2	185	.059										
132	1.2D + 1.5Lm8 + 1.0Wm (300..	Yes	Y		1	1.2	46	1.5	12	.059	175	1.2	186	.059										
133	1.2D + 1.5Lm8 + 1.0Wm (330..	Yes	Y		1	1.2	46	1.5	13	.059	175	1.2	187	.059										
134	1.2D + 1.5Lm9 + 1.0Wm (0 d...	Yes	Y		1	1.2	47	1.5	2	.059	175	1.2	176	.059										

Load Combinations (Continued)

	Description	S...	P...	S...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...
135	1.2D + 1.5Lm9 + 1.0Wm (30 ...	Yes	Y		1	1.2	47	1.5	3	.059	175	1.2	177	.059										
136	1.2D + 1.5Lm9 + 1.0Wm (60 ...	Yes	Y		1	1.2	47	1.5	4	.059	175	1.2	178	.059										
137	1.2D + 1.5Lm9 + 1.0Wm (90 ...	Yes	Y		1	1.2	47	1.5	5	.059	175	1.2	179	.059										
138	1.2D + 1.5Lm9 + 1.0Wm (120...	Yes	Y		1	1.2	47	1.5	6	.059	175	1.2	180	.059										
139	1.2D + 1.5Lm9 + 1.0Wm (150...	Yes	Y		1	1.2	47	1.5	7	.059	175	1.2	181	.059										
140	1.2D + 1.5Lm9 + 1.0Wm (180...	Yes	Y		1	1.2	47	1.5	8	.059	175	1.2	182	.059										
141	1.2D + 1.5Lm9 + 1.0Wm (210...	Yes	Y		1	1.2	47	1.5	9	.059	175	1.2	183	.059										
142	1.2D + 1.5Lm9 + 1.0Wm (240...	Yes	Y		1	1.2	47	1.5	10	.059	175	1.2	184	.059										
143	1.2D + 1.5Lm9 + 1.0Wm (270...	Yes	Y		1	1.2	47	1.5	11	.059	175	1.2	185	.059										
144	1.2D + 1.5Lm9 + 1.0Wm (300...	Yes	Y		1	1.2	47	1.5	12	.059	175	1.2	186	.059										
145	1.2D + 1.5Lm9 + 1.0Wm (330...	Yes	Y		1	1.2	47	1.5	13	.059	175	1.2	187	.059										
146	1.2D + 1.5Lm10 + 1.0Wm (0 ...	Yes	Y		1	1.2	48	1.5	2	.059	175	1.2	176	.059										
147	1.2D + 1.5Lm10 + 1.0Wm (30...	Yes	Y		1	1.2	48	1.5	3	.059	175	1.2	177	.059										
148	1.2D + 1.5Lm10 + 1.0Wm (60...	Yes	Y		1	1.2	48	1.5	4	.059	175	1.2	178	.059										
149	1.2D + 1.5Lm10 + 1.0Wm (90...	Yes	Y		1	1.2	48	1.5	5	.059	175	1.2	179	.059										
150	1.2D + 1.5Lm10 + 1.0Wm (12...	Yes	Y		1	1.2	48	1.5	6	.059	175	1.2	180	.059										
151	1.2D + 1.5Lm10 + 1.0Wm (15...	Yes	Y		1	1.2	48	1.5	7	.059	175	1.2	181	.059										
152	1.2D + 1.5Lm10 + 1.0Wm (18...	Yes	Y		1	1.2	48	1.5	8	.059	175	1.2	182	.059										
153	1.2D + 1.5Lm10 + 1.0Wm (21...	Yes	Y		1	1.2	48	1.5	9	.059	175	1.2	183	.059										
154	1.2D + 1.5Lm10 + 1.0Wm (24...	Yes	Y		1	1.2	48	1.5	10	.059	175	1.2	184	.059										
155	1.2D + 1.5Lm10 + 1.0Wm (27...	Yes	Y		1	1.2	48	1.5	11	.059	175	1.2	185	.059										
156	1.2D + 1.5Lm10 + 1.0Wm (30...	Yes	Y		1	1.2	48	1.5	12	.059	175	1.2	186	.059										
157	1.2D + 1.5Lm10 + 1.0Wm (33...	Yes	Y		1	1.2	48	1.5	13	.059	175	1.2	187	.059										
158	1.2D + 1.5Lm11 + 1.0Wm (0 ...	Yes	Y		1	1.2	49	1.5	2	.059	175	1.2	176	.059										
159	1.2D + 1.5Lm11 + 1.0Wm (30...	Yes	Y		1	1.2	49	1.5	3	.059	175	1.2	177	.059										
160	1.2D + 1.5Lm11 + 1.0Wm (60...	Yes	Y		1	1.2	49	1.5	4	.059	175	1.2	178	.059										
161	1.2D + 1.5Lm11 + 1.0Wm (90...	Yes	Y		1	1.2	49	1.5	5	.059	175	1.2	179	.059										
162	1.2D + 1.5Lm11 + 1.0Wm (12...	Yes	Y		1	1.2	49	1.5	6	.059	175	1.2	180	.059										
163	1.2D + 1.5Lm11 + 1.0Wm (15...	Yes	Y		1	1.2	49	1.5	7	.059	175	1.2	181	.059										
164	1.2D + 1.5Lm11 + 1.0Wm (18...	Yes	Y		1	1.2	49	1.5	8	.059	175	1.2	182	.059										
165	1.2D + 1.5Lm11 + 1.0Wm (21...	Yes	Y		1	1.2	49	1.5	9	.059	175	1.2	183	.059										
166	1.2D + 1.5Lm11 + 1.0Wm (24...	Yes	Y		1	1.2	49	1.5	10	.059	175	1.2	184	.059										
167	1.2D + 1.5Lm11 + 1.0Wm (27...	Yes	Y		1	1.2	49	1.5	11	.059	175	1.2	185	.059										
168	1.2D + 1.5Lm11 + 1.0Wm (30...	Yes	Y		1	1.2	49	1.5	12	.059	175	1.2	186	.059										
169	1.2D + 1.5Lm11 + 1.0Wm (33...	Yes	Y		1	1.2	49	1.5	13	.059	175	1.2	187	.059										
170	1.2D + 1.5Lm12 + 1.0Wm (0 ...	Yes	Y		1	1.2	50	1.5	2	.059	175	1.2	176	.059										
171	1.2D + 1.5Lm12 + 1.0Wm (30...	Yes	Y		1	1.2	50	1.5	3	.059	175	1.2	177	.059										
172	1.2D + 1.5Lm12 + 1.0Wm (60...	Yes	Y		1	1.2	50	1.5	4	.059	175	1.2	178	.059										
173	1.2D + 1.5Lm12 + 1.0Wm (90...	Yes	Y		1	1.2	50	1.5	5	.059	175	1.2	179	.059										
174	1.2D + 1.5Lm12 + 1.0Wm (12...	Yes	Y		1	1.2	50	1.5	6	.059	175	1.2	180	.059										
175	1.2D + 1.5Lm12 + 1.0Wm (15...	Yes	Y		1	1.2	50	1.5	7	.059	175	1.2	181	.059										
176	1.2D + 1.5Lm12 + 1.0Wm (18...	Yes	Y		1	1.2	50	1.5	8	.059	175	1.2	182	.059										
177	1.2D + 1.5Lm12 + 1.0Wm (21...	Yes	Y		1	1.2	50	1.5	9	.059	175	1.2	183	.059										
178	1.2D + 1.5Lm12 + 1.0Wm (24...	Yes	Y		1	1.2	50	1.5	10	.059	175	1.2	184	.059										
179	1.2D + 1.5Lm12 + 1.0Wm (27...	Yes	Y		1	1.2	50	1.5	11	.059	175	1.2	185	.059										
180	1.2D + 1.5Lm12 + 1.0Wm (30...	Yes	Y		1	1.2	50	1.5	12	.059	175	1.2	186	.059										
181	1.2D + 1.5Lm12 + 1.0Wm (33...	Yes	Y		1	1.2	50	1.5	13	.059	175	1.2	187	.059										
182	1.2D + 1.5Lm13 + 1.0Wm (0 ...		Y		1	1.2	51	1.5	2	.059	175	1.2	176	.059										
183	1.2D + 1.5Lm13 + 1.0Wm (30...		Y		1	1.2	51	1.5	3	.059	175	1.2	177	.059										
184	1.2D + 1.5Lm13 + 1.0Wm (60...		Y		1	1.2	51	1.5	4	.059	175	1.2	178	.059										
185	1.2D + 1.5Lm13 + 1.0Wm (90...		Y		1	1.2	51	1.5	5	.059	175	1.2	179	.059										
186	1.2D + 1.5Lm13 + 1.0Wm (12...		Y		1	1.2	51	1.5	6	.059	175	1.2	180	.059										
187	1.2D + 1.5Lm13 + 1.0Wm (15...		Y		1	1.2	51	1.5	7	.059	175	1.2	181	.059										
188	1.2D + 1.5Lm13 + 1.0Wm (18...		Y		1	1.2	51	1.5	8	.059	175	1.2	182	.059										
189	1.2D + 1.5Lm13 + 1.0Wm (21...		Y		1	1.2	51	1.5	9	.059	175	1.2	183	.059										
190	1.2D + 1.5Lm13 + 1.0Wm (24...		Y		1	1.2	51	1.5	10	.059	175	1.2	184	.059										
191	1.2D + 1.5Lm13 + 1.0Wm (27...		Y		1	1.2	51	1.5	11	.059	175	1.2	185	.059										

Load Combinations (Continued)

	Description	S...	P...	S...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...
192	1.2D + 1.5Lm13 + 1.0Wm (30..		Y		1	1.2	51	1.5	12	.059	175	1.2	186	.059										
193	1.2D + 1.5Lm13 + 1.0Wm (33..		Y		1	1.2	51	1.5	13	.059	175	1.2	187	.059										
194	1.2D + 1.5Lm14 + 1.0Wm (0 ...		Y		1	1.2	52	1.5	2	.059	175	1.2	176	.059										
195	1.2D + 1.5Lm14 + 1.0Wm (30..		Y		1	1.2	52	1.5	3	.059	175	1.2	177	.059										
196	1.2D + 1.5Lm14 + 1.0Wm (60..		Y		1	1.2	52	1.5	4	.059	175	1.2	178	.059										
197	1.2D + 1.5Lm14 + 1.0Wm (90..		Y		1	1.2	52	1.5	5	.059	175	1.2	179	.059										
198	1.2D + 1.5Lm14 + 1.0Wm (12..		Y		1	1.2	52	1.5	6	.059	175	1.2	180	.059										
199	1.2D + 1.5Lm14 + 1.0Wm (15..		Y		1	1.2	52	1.5	7	.059	175	1.2	181	.059										
200	1.2D + 1.5Lm14 + 1.0Wm (18..		Y		1	1.2	52	1.5	8	.059	175	1.2	182	.059										
201	1.2D + 1.5Lm14 + 1.0Wm (21..		Y		1	1.2	52	1.5	9	.059	175	1.2	183	.059										
202	1.2D + 1.5Lm14 + 1.0Wm (24..		Y		1	1.2	52	1.5	10	.059	175	1.2	184	.059										
203	1.2D + 1.5Lm14 + 1.0Wm (27..		Y		1	1.2	52	1.5	11	.059	175	1.2	185	.059										
204	1.2D + 1.5Lm14 + 1.0Wm (30..		Y		1	1.2	52	1.5	12	.059	175	1.2	186	.059										
205	1.2D + 1.5Lm14 + 1.0Wm (33..		Y		1	1.2	52	1.5	13	.059	175	1.2	187	.059										
206	1.2D + 1.5Lm15 + 1.0Wm (0 ...		Y		1	1.2	53	1.5	2	.059	175	1.2	176	.059										
207	1.2D + 1.5Lm15 + 1.0Wm (30..		Y		1	1.2	53	1.5	3	.059	175	1.2	177	.059										
208	1.2D + 1.5Lm15 + 1.0Wm (60..		Y		1	1.2	53	1.5	4	.059	175	1.2	178	.059										
209	1.2D + 1.5Lm15 + 1.0Wm (90..		Y		1	1.2	53	1.5	5	.059	175	1.2	179	.059										
210	1.2D + 1.5Lm15 + 1.0Wm (12..		Y		1	1.2	53	1.5	6	.059	175	1.2	180	.059										
211	1.2D + 1.5Lm15 + 1.0Wm (15..		Y		1	1.2	53	1.5	7	.059	175	1.2	181	.059										
212	1.2D + 1.5Lm15 + 1.0Wm (18..		Y		1	1.2	53	1.5	8	.059	175	1.2	182	.059										
213	1.2D + 1.5Lm15 + 1.0Wm (21..		Y		1	1.2	53	1.5	9	.059	175	1.2	183	.059										
214	1.2D + 1.5Lm15 + 1.0Wm (24..		Y		1	1.2	53	1.5	10	.059	175	1.2	184	.059										
215	1.2D + 1.5Lm15 + 1.0Wm (27..		Y		1	1.2	53	1.5	11	.059	175	1.2	185	.059										
216	1.2D + 1.5Lm15 + 1.0Wm (30..		Y		1	1.2	53	1.5	12	.059	175	1.2	186	.059										
217	1.2D + 1.5Lm15 + 1.0Wm (33..		Y		1	1.2	53	1.5	13	.059	175	1.2	187	.059										
218	1.2D + 1.5Lm16 + 1.0Wm (0 ...		Y		1	1.2	54	1.5	2	.059	175	1.2	176	.059										
219	1.2D + 1.5Lm16 + 1.0Wm (30..		Y		1	1.2	54	1.5	3	.059	175	1.2	177	.059										
220	1.2D + 1.5Lm16 + 1.0Wm (60..		Y		1	1.2	54	1.5	4	.059	175	1.2	178	.059										
221	1.2D + 1.5Lm16 + 1.0Wm (90..		Y		1	1.2	54	1.5	5	.059	175	1.2	179	.059										
222	1.2D + 1.5Lm16 + 1.0Wm (12..		Y		1	1.2	54	1.5	6	.059	175	1.2	180	.059										
223	1.2D + 1.5Lm16 + 1.0Wm (15..		Y		1	1.2	54	1.5	7	.059	175	1.2	181	.059										
224	1.2D + 1.5Lm16 + 1.0Wm (18..		Y		1	1.2	54	1.5	8	.059	175	1.2	182	.059										
225	1.2D + 1.5Lm16 + 1.0Wm (21..		Y		1	1.2	54	1.5	9	.059	175	1.2	183	.059										
226	1.2D + 1.5Lm16 + 1.0Wm (24..		Y		1	1.2	54	1.5	10	.059	175	1.2	184	.059										
227	1.2D + 1.5Lm16 + 1.0Wm (27..		Y		1	1.2	54	1.5	11	.059	175	1.2	185	.059										
228	1.2D + 1.5Lm16 + 1.0Wm (30..		Y		1	1.2	54	1.5	12	.059	175	1.2	186	.059										
229	1.2D + 1.5Lm16 + 1.0Wm (33..		Y		1	1.2	54	1.5	13	.059	175	1.2	187	.059										
230	1.2D + 1.5Lm17 + 1.0Wm (0 ...		Y		1	1.2	55	1.5	2	.059	175	1.2	176	.059										
231	1.2D + 1.5Lm17 + 1.0Wm (30..		Y		1	1.2	55	1.5	3	.059	175	1.2	177	.059										
232	1.2D + 1.5Lm17 + 1.0Wm (60..		Y		1	1.2	55	1.5	4	.059	175	1.2	178	.059										
233	1.2D + 1.5Lm17 + 1.0Wm (90..		Y		1	1.2	55	1.5	5	.059	175	1.2	179	.059										
234	1.2D + 1.5Lm17 + 1.0Wm (12..		Y		1	1.2	55	1.5	6	.059	175	1.2	180	.059										
235	1.2D + 1.5Lm17 + 1.0Wm (15..		Y		1	1.2	55	1.5	7	.059	175	1.2	181	.059										
236	1.2D + 1.5Lm17 + 1.0Wm (18..		Y		1	1.2	55	1.5	8	.059	175	1.2	182	.059										
237	1.2D + 1.5Lm17 + 1.0Wm (21..		Y		1	1.2	55	1.5	9	.059	175	1.2	183	.059										
238	1.2D + 1.5Lm17 + 1.0Wm (24..		Y		1	1.2	55	1.5	10	.059	175	1.2	184	.059										
239	1.2D + 1.5Lm17 + 1.0Wm (27..		Y		1	1.2	55	1.5	11	.059	175	1.2	185	.059										
240	1.2D + 1.5Lm17 + 1.0Wm (30..		Y		1	1.2	55	1.5	12	.059	175	1.2	186	.059										
241	1.2D + 1.5Lm17 + 1.0Wm (33..		Y		1	1.2	55	1.5	13	.059	175	1.2	187	.059										
242	1.2D + 1.5Lm18 + 1.0Wm (0 ...		Y		1	1.2	56	1.5	2	.059	175	1.2	176	.059										
243	1.2D + 1.5Lm18 + 1.0Wm (30..		Y		1	1.2	56	1.5	3	.059	175	1.2	177	.059										
244	1.2D + 1.5Lm18 + 1.0Wm (60..		Y		1	1.2	56	1.5	4	.059	175	1.2	178	.059										
245	1.2D + 1.5Lm18 + 1.0Wm (90..		Y		1	1.2	56	1.5	5	.059	175	1.2	179	.059										
246	1.2D + 1.5Lm18 + 1.0Wm (12..		Y		1	1.2	56	1.5	6	.059	175	1.2	180	.059										
247	1.2D + 1.5Lm18 + 1.0Wm (15..		Y		1	1.2	56	1.5	7	.059	175	1.2	181	.059										
248	1.2D + 1.5Lm18 + 1.0Wm (18..		Y		1	1.2	56	1.5	8	.059	175	1.2	182	.059										

Load Combinations (Continued)

	Description	S...	P...	S...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...
249	1.2D + 1.5Lm18 + 1.0Wm (21...		Y		1	1.2	56	1.5	9	.059	175	1.2	183	.059										
250	1.2D + 1.5Lm18 + 1.0Wm (24...		Y		1	1.2	56	1.5	10	.059	175	1.2	184	.059										
251	1.2D + 1.5Lm18 + 1.0Wm (27...		Y		1	1.2	56	1.5	11	.059	175	1.2	185	.059										
252	1.2D + 1.5Lm18 + 1.0Wm (30...		Y		1	1.2	56	1.5	12	.059	175	1.2	186	.059										
253	1.2D + 1.5Lm18 + 1.0Wm (33...		Y		1	1.2	56	1.5	13	.059	175	1.2	187	.059										
254	1.2D + 1.5Lm19 + 1.0Wm (0 ...		Y		1	1.2	57	1.5	2	.059	175	1.2	176	.059										
255	1.2D + 1.5Lm19 + 1.0Wm (30...		Y		1	1.2	57	1.5	3	.059	175	1.2	177	.059										
256	1.2D + 1.5Lm19 + 1.0Wm (60...		Y		1	1.2	57	1.5	4	.059	175	1.2	178	.059										
257	1.2D + 1.5Lm19 + 1.0Wm (90...		Y		1	1.2	57	1.5	5	.059	175	1.2	179	.059										
258	1.2D + 1.5Lm19 + 1.0Wm (12...		Y		1	1.2	57	1.5	6	.059	175	1.2	180	.059										
259	1.2D + 1.5Lm19 + 1.0Wm (15...		Y		1	1.2	57	1.5	7	.059	175	1.2	181	.059										
260	1.2D + 1.5Lm19 + 1.0Wm (18...		Y		1	1.2	57	1.5	8	.059	175	1.2	182	.059										
261	1.2D + 1.5Lm19 + 1.0Wm (21...		Y		1	1.2	57	1.5	9	.059	175	1.2	183	.059										
262	1.2D + 1.5Lm19 + 1.0Wm (24...		Y		1	1.2	57	1.5	10	.059	175	1.2	184	.059										
263	1.2D + 1.5Lm19 + 1.0Wm (27...		Y		1	1.2	57	1.5	11	.059	175	1.2	185	.059										
264	1.2D + 1.5Lm19 + 1.0Wm (30...		Y		1	1.2	57	1.5	12	.059	175	1.2	186	.059										
265	1.2D + 1.5Lm19 + 1.0Wm (33...		Y		1	1.2	57	1.5	13	.059	175	1.2	187	.059										
266	1.2D + 1.5Lm20 + 1.0Wm (0 ...		Y		1	1.2	58	1.5	2	.059	175	1.2	176	.059										
267	1.2D + 1.5Lm20 + 1.0Wm (30...		Y		1	1.2	58	1.5	3	.059	175	1.2	177	.059										
268	1.2D + 1.5Lm20 + 1.0Wm (60...		Y		1	1.2	58	1.5	4	.059	175	1.2	178	.059										
269	1.2D + 1.5Lm20 + 1.0Wm (90...		Y		1	1.2	58	1.5	5	.059	175	1.2	179	.059										
270	1.2D + 1.5Lm20 + 1.0Wm (12...		Y		1	1.2	58	1.5	6	.059	175	1.2	180	.059										
271	1.2D + 1.5Lm20 + 1.0Wm (15...		Y		1	1.2	58	1.5	7	.059	175	1.2	181	.059										
272	1.2D + 1.5Lm20 + 1.0Wm (18...		Y		1	1.2	58	1.5	8	.059	175	1.2	182	.059										
273	1.2D + 1.5Lm20 + 1.0Wm (21...		Y		1	1.2	58	1.5	9	.059	175	1.2	183	.059										
274	1.2D + 1.5Lm20 + 1.0Wm (24...		Y		1	1.2	58	1.5	10	.059	175	1.2	184	.059										
275	1.2D + 1.5Lm20 + 1.0Wm (27...		Y		1	1.2	58	1.5	11	.059	175	1.2	185	.059										
276	1.2D + 1.5Lm20 + 1.0Wm (30...		Y		1	1.2	58	1.5	12	.059	175	1.2	186	.059										
277	1.2D + 1.5Lm20 + 1.0Wm (33...		Y		1	1.2	58	1.5	13	.059	175	1.2	187	.059										
278	1.2D + 1.5Lm21 + 1.0Wm (0 ...		Y		1	1.2	59	1.5	2	.059	175	1.2	176	.059										
279	1.2D + 1.5Lm21 + 1.0Wm (30...		Y		1	1.2	59	1.5	3	.059	175	1.2	177	.059										
280	1.2D + 1.5Lm21 + 1.0Wm (60...		Y		1	1.2	59	1.5	4	.059	175	1.2	178	.059										
281	1.2D + 1.5Lm21 + 1.0Wm (90...		Y		1	1.2	59	1.5	5	.059	175	1.2	179	.059										
282	1.2D + 1.5Lm21 + 1.0Wm (12...		Y		1	1.2	59	1.5	6	.059	175	1.2	180	.059										
283	1.2D + 1.5Lm21 + 1.0Wm (15...		Y		1	1.2	59	1.5	7	.059	175	1.2	181	.059										
284	1.2D + 1.5Lm21 + 1.0Wm (18...		Y		1	1.2	59	1.5	8	.059	175	1.2	182	.059										
285	1.2D + 1.5Lm21 + 1.0Wm (21...		Y		1	1.2	59	1.5	9	.059	175	1.2	183	.059										
286	1.2D + 1.5Lm21 + 1.0Wm (24...		Y		1	1.2	59	1.5	10	.059	175	1.2	184	.059										
287	1.2D + 1.5Lm21 + 1.0Wm (27...		Y		1	1.2	59	1.5	11	.059	175	1.2	185	.059										
288	1.2D + 1.5Lm21 + 1.0Wm (30...		Y		1	1.2	59	1.5	12	.059	175	1.2	186	.059										
289	1.2D + 1.5Lm21 + 1.0Wm (33...		Y		1	1.2	59	1.5	13	.059	175	1.2	187	.059										
290	1.2D + 1.5Lm22 + 1.0Wm (0 ...		Y		1	1.2	60	1.5	2	.059	175	1.2	176	.059										
291	1.2D + 1.5Lm22 + 1.0Wm (30...		Y		1	1.2	60	1.5	3	.059	175	1.2	177	.059										
292	1.2D + 1.5Lm22 + 1.0Wm (60...		Y		1	1.2	60	1.5	4	.059	175	1.2	178	.059										
293	1.2D + 1.5Lm22 + 1.0Wm (90...		Y		1	1.2	60	1.5	5	.059	175	1.2	179	.059										
294	1.2D + 1.5Lm22 + 1.0Wm (12...		Y		1	1.2	60	1.5	6	.059	175	1.2	180	.059										
295	1.2D + 1.5Lm22 + 1.0Wm (15...		Y		1	1.2	60	1.5	7	.059	175	1.2	181	.059										
296	1.2D + 1.5Lm22 + 1.0Wm (18...		Y		1	1.2	60	1.5	8	.059	175	1.2	182	.059										
297	1.2D + 1.5Lm22 + 1.0Wm (21...		Y		1	1.2	60	1.5	9	.059	175	1.2	183	.059										
298	1.2D + 1.5Lm22 + 1.0Wm (24...		Y		1	1.2	60	1.5	10	.059	175	1.2	184	.059										
299	1.2D + 1.5Lm22 + 1.0Wm (27...		Y		1	1.2	60	1.5	11	.059	175	1.2	185	.059										
300	1.2D + 1.5Lm22 + 1.0Wm (30...		Y		1	1.2	60	1.5	12	.059	175	1.2	186	.059										
301	1.2D + 1.5Lm22 + 1.0Wm (33...		Y		1	1.2	60	1.5	13	.059	175	1.2	187	.059										
302	1.2D + 1.5Lm23 + 1.0Wm (0 ...		Y		1	1.2	61	1.5	2	.059	175	1.2	176	.059										
303	1.2D + 1.5Lm23 + 1.0Wm (30...		Y		1	1.2	61	1.5	3	.059	175	1.2	177	.059										
304	1.2D + 1.5Lm23 + 1.0Wm (60...		Y		1	1.2	61	1.5	4	.059	175	1.2	178	.059										
305	1.2D + 1.5Lm23 + 1.0Wm (90...		Y		1	1.2	61	1.5	5	.059	175	1.2	179	.059										

Load Combinations (Continued)

	Description	S...	P...	S...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...
306	1.2D + 1.5Lm23 + 1.0Wm (12..		Y		1	1.2	61	1.5	6	.059	175	1.2	180	.059										
307	1.2D + 1.5Lm23 + 1.0Wm (15..		Y		1	1.2	61	1.5	7	.059	175	1.2	181	.059										
308	1.2D + 1.5Lm23 + 1.0Wm (18..		Y		1	1.2	61	1.5	8	.059	175	1.2	182	.059										
309	1.2D + 1.5Lm23 + 1.0Wm (21..		Y		1	1.2	61	1.5	9	.059	175	1.2	183	.059										
310	1.2D + 1.5Lm23 + 1.0Wm (24..		Y		1	1.2	61	1.5	10	.059	175	1.2	184	.059										
311	1.2D + 1.5Lm23 + 1.0Wm (27..		Y		1	1.2	61	1.5	11	.059	175	1.2	185	.059										
312	1.2D + 1.5Lm23 + 1.0Wm (30..		Y		1	1.2	61	1.5	12	.059	175	1.2	186	.059										
313	1.2D + 1.5Lm23 + 1.0Wm (33..		Y		1	1.2	61	1.5	13	.059	175	1.2	187	.059										
314	1.2D + 1.5Lm24 + 1.0Wm (0 ...		Y		1	1.2	62	1.5	2	.059	175	1.2	176	.059										
315	1.2D + 1.5Lm24 + 1.0Wm (30..		Y		1	1.2	62	1.5	3	.059	175	1.2	177	.059										
316	1.2D + 1.5Lm24 + 1.0Wm (60..		Y		1	1.2	62	1.5	4	.059	175	1.2	178	.059										
317	1.2D + 1.5Lm24 + 1.0Wm (90..		Y		1	1.2	62	1.5	5	.059	175	1.2	179	.059										
318	1.2D + 1.5Lm24 + 1.0Wm (12..		Y		1	1.2	62	1.5	6	.059	175	1.2	180	.059										
319	1.2D + 1.5Lm24 + 1.0Wm (15..		Y		1	1.2	62	1.5	7	.059	175	1.2	181	.059										
320	1.2D + 1.5Lm24 + 1.0Wm (18..		Y		1	1.2	62	1.5	8	.059	175	1.2	182	.059										
321	1.2D + 1.5Lm24 + 1.0Wm (21..		Y		1	1.2	62	1.5	9	.059	175	1.2	183	.059										
322	1.2D + 1.5Lm24 + 1.0Wm (24..		Y		1	1.2	62	1.5	10	.059	175	1.2	184	.059										
323	1.2D + 1.5Lm24 + 1.0Wm (27..		Y		1	1.2	62	1.5	11	.059	175	1.2	185	.059										
324	1.2D + 1.5Lm24 + 1.0Wm (30..		Y		1	1.2	62	1.5	12	.059	175	1.2	186	.059										
325	1.2D + 1.5Lm24 + 1.0Wm (33..		Y		1	1.2	62	1.5	13	.059	175	1.2	187	.059										
326	1.2D + 1.5Lm25 + 1.0Wm (0 ...		Y		1	1.2	63	1.5	2	.059	175	1.2	176	.059										
327	1.2D + 1.5Lm25 + 1.0Wm (30..		Y		1	1.2	63	1.5	3	.059	175	1.2	177	.059										
328	1.2D + 1.5Lm25 + 1.0Wm (60..		Y		1	1.2	63	1.5	4	.059	175	1.2	178	.059										
329	1.2D + 1.5Lm25 + 1.0Wm (90..		Y		1	1.2	63	1.5	5	.059	175	1.2	179	.059										
330	1.2D + 1.5Lm25 + 1.0Wm (12..		Y		1	1.2	63	1.5	6	.059	175	1.2	180	.059										
331	1.2D + 1.5Lm25 + 1.0Wm (15..		Y		1	1.2	63	1.5	7	.059	175	1.2	181	.059										
332	1.2D + 1.5Lm25 + 1.0Wm (18..		Y		1	1.2	63	1.5	8	.059	175	1.2	182	.059										
333	1.2D + 1.5Lm25 + 1.0Wm (21..		Y		1	1.2	63	1.5	9	.059	175	1.2	183	.059										
334	1.2D + 1.5Lm25 + 1.0Wm (24..		Y		1	1.2	63	1.5	10	.059	175	1.2	184	.059										
335	1.2D + 1.5Lm25 + 1.0Wm (27..		Y		1	1.2	63	1.5	11	.059	175	1.2	185	.059										
336	1.2D + 1.5Lm25 + 1.0Wm (30..		Y		1	1.2	63	1.5	12	.059	175	1.2	186	.059										
337	1.2D + 1.5Lm25 + 1.0Wm (33..		Y		1	1.2	63	1.5	13	.059	175	1.2	187	.059										
338	1.2D + 1.5Lm26 + 1.0Wm (0 ...		Y		1	1.2	64	1.5	2	.059	175	1.2	176	.059										
339	1.2D + 1.5Lm26 + 1.0Wm (30..		Y		1	1.2	64	1.5	3	.059	175	1.2	177	.059										
340	1.2D + 1.5Lm26 + 1.0Wm (60..		Y		1	1.2	64	1.5	4	.059	175	1.2	178	.059										
341	1.2D + 1.5Lm26 + 1.0Wm (90..		Y		1	1.2	64	1.5	5	.059	175	1.2	179	.059										
342	1.2D + 1.5Lm26 + 1.0Wm (12..		Y		1	1.2	64	1.5	6	.059	175	1.2	180	.059										
343	1.2D + 1.5Lm26 + 1.0Wm (15..		Y		1	1.2	64	1.5	7	.059	175	1.2	181	.059										
344	1.2D + 1.5Lm26 + 1.0Wm (18..		Y		1	1.2	64	1.5	8	.059	175	1.2	182	.059										
345	1.2D + 1.5Lm26 + 1.0Wm (21..		Y		1	1.2	64	1.5	9	.059	175	1.2	183	.059										
346	1.2D + 1.5Lm26 + 1.0Wm (24..		Y		1	1.2	64	1.5	10	.059	175	1.2	184	.059										
347	1.2D + 1.5Lm26 + 1.0Wm (27..		Y		1	1.2	64	1.5	11	.059	175	1.2	185	.059										
348	1.2D + 1.5Lm26 + 1.0Wm (30..		Y		1	1.2	64	1.5	12	.059	175	1.2	186	.059										
349	1.2D + 1.5Lm26 + 1.0Wm (33..		Y		1	1.2	64	1.5	13	.059	175	1.2	187	.059										
350	1.2D + 1.5Lm27 + 1.0Wm (0 ...		Y		1	1.2	65	1.5	2	.059	175	1.2	176	.059										
351	1.2D + 1.5Lm27 + 1.0Wm (30..		Y		1	1.2	65	1.5	3	.059	175	1.2	177	.059										
352	1.2D + 1.5Lm27 + 1.0Wm (60..		Y		1	1.2	65	1.5	4	.059	175	1.2	178	.059										
353	1.2D + 1.5Lm27 + 1.0Wm (90..		Y		1	1.2	65	1.5	5	.059	175	1.2	179	.059										
354	1.2D + 1.5Lm27 + 1.0Wm (12..		Y		1	1.2	65	1.5	6	.059	175	1.2	180	.059										
355	1.2D + 1.5Lm27 + 1.0Wm (15..		Y		1	1.2	65	1.5	7	.059	175	1.2	181	.059										
356	1.2D + 1.5Lm27 + 1.0Wm (18..		Y		1	1.2	65	1.5	8	.059	175	1.2	182	.059										
357	1.2D + 1.5Lm27 + 1.0Wm (21..		Y		1	1.2	65	1.5	9	.059	175	1.2	183	.059										
358	1.2D + 1.5Lm27 + 1.0Wm (24..		Y		1	1.2	65	1.5	10	.059	175	1.2	184	.059										
359	1.2D + 1.5Lm27 + 1.0Wm (27..		Y		1	1.2	65	1.5	11	.059	175	1.2	185	.059										
360	1.2D + 1.5Lm27 + 1.0Wm (30..		Y		1	1.2	65	1.5	12	.059	175	1.2	186	.059										
361	1.2D + 1.5Lm27 + 1.0Wm (33..		Y		1	1.2	65	1.5	13	.059	175	1.2	187	.059										
362	1.2D + 1.5Lm28 + 1.0Wm (0 ...		Y		1	1.2	66	1.5	2	.059	175	1.2	176	.059										

Load Combinations (Continued)

	Description	S...	P...	S...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...
363	1.2D + 1.5Lm28 + 1.0Wm (30..		Y		1	1.2	66	1.5	3	.059	175	1.2	177	.059										
364	1.2D + 1.5Lm28 + 1.0Wm (60..		Y		1	1.2	66	1.5	4	.059	175	1.2	178	.059										
365	1.2D + 1.5Lm28 + 1.0Wm (90..		Y		1	1.2	66	1.5	5	.059	175	1.2	179	.059										
366	1.2D + 1.5Lm28 + 1.0Wm (12..		Y		1	1.2	66	1.5	6	.059	175	1.2	180	.059										
367	1.2D + 1.5Lm28 + 1.0Wm (15..		Y		1	1.2	66	1.5	7	.059	175	1.2	181	.059										
368	1.2D + 1.5Lm28 + 1.0Wm (18..		Y		1	1.2	66	1.5	8	.059	175	1.2	182	.059										
369	1.2D + 1.5Lm28 + 1.0Wm (21..		Y		1	1.2	66	1.5	9	.059	175	1.2	183	.059										
370	1.2D + 1.5Lm28 + 1.0Wm (24..		Y		1	1.2	66	1.5	10	.059	175	1.2	184	.059										
371	1.2D + 1.5Lm28 + 1.0Wm (27..		Y		1	1.2	66	1.5	11	.059	175	1.2	185	.059										
372	1.2D + 1.5Lm28 + 1.0Wm (30..		Y		1	1.2	66	1.5	12	.059	175	1.2	186	.059										
373	1.2D + 1.5Lm28 + 1.0Wm (33..		Y		1	1.2	66	1.5	13	.059	175	1.2	187	.059										
374	1.2D + 1.5Lm29 + 1.0Wm (0 ...		Y		1	1.2	67	1.5	2	.059	175	1.2	176	.059										
375	1.2D + 1.5Lm29 + 1.0Wm (30..		Y		1	1.2	67	1.5	3	.059	175	1.2	177	.059										
376	1.2D + 1.5Lm29 + 1.0Wm (60..		Y		1	1.2	67	1.5	4	.059	175	1.2	178	.059										
377	1.2D + 1.5Lm29 + 1.0Wm (90..		Y		1	1.2	67	1.5	5	.059	175	1.2	179	.059										
378	1.2D + 1.5Lm29 + 1.0Wm (12..		Y		1	1.2	67	1.5	6	.059	175	1.2	180	.059										
379	1.2D + 1.5Lm29 + 1.0Wm (15..		Y		1	1.2	67	1.5	7	.059	175	1.2	181	.059										
380	1.2D + 1.5Lm29 + 1.0Wm (18..		Y		1	1.2	67	1.5	8	.059	175	1.2	182	.059										
381	1.2D + 1.5Lm29 + 1.0Wm (21..		Y		1	1.2	67	1.5	9	.059	175	1.2	183	.059										
382	1.2D + 1.5Lm29 + 1.0Wm (24..		Y		1	1.2	67	1.5	10	.059	175	1.2	184	.059										
383	1.2D + 1.5Lm29 + 1.0Wm (27..		Y		1	1.2	67	1.5	11	.059	175	1.2	185	.059										
384	1.2D + 1.5Lm29 + 1.0Wm (30..		Y		1	1.2	67	1.5	12	.059	175	1.2	186	.059										
385	1.2D + 1.5Lm29 + 1.0Wm (33..		Y		1	1.2	67	1.5	13	.059	175	1.2	187	.059										
386	1.2D + 1.5Lm30 + 1.0Wm (0 ...		Y		1	1.2	68	1.5	2	.059	175	1.2	176	.059										
387	1.2D + 1.5Lm30 + 1.0Wm (30..		Y		1	1.2	68	1.5	3	.059	175	1.2	177	.059										
388	1.2D + 1.5Lm30 + 1.0Wm (60..		Y		1	1.2	68	1.5	4	.059	175	1.2	178	.059										
389	1.2D + 1.5Lm30 + 1.0Wm (90..		Y		1	1.2	68	1.5	5	.059	175	1.2	179	.059										
390	1.2D + 1.5Lm30 + 1.0Wm (12..		Y		1	1.2	68	1.5	6	.059	175	1.2	180	.059										
391	1.2D + 1.5Lm30 + 1.0Wm (15..		Y		1	1.2	68	1.5	7	.059	175	1.2	181	.059										
392	1.2D + 1.5Lm30 + 1.0Wm (18..		Y		1	1.2	68	1.5	8	.059	175	1.2	182	.059										
393	1.2D + 1.5Lm30 + 1.0Wm (21..		Y		1	1.2	68	1.5	9	.059	175	1.2	183	.059										
394	1.2D + 1.5Lm30 + 1.0Wm (24..		Y		1	1.2	68	1.5	10	.059	175	1.2	184	.059										
395	1.2D + 1.5Lm30 + 1.0Wm (27..		Y		1	1.2	68	1.5	11	.059	175	1.2	185	.059										
396	1.2D + 1.5Lm30 + 1.0Wm (30..		Y		1	1.2	68	1.5	12	.059	175	1.2	186	.059										
397	1.2D + 1.5Lm30 + 1.0Wm (33..		Y		1	1.2	68	1.5	13	.059	175	1.2	187	.059										
398	1.2D + 1.5Lm31 + 1.0Wm (0 ...		Y		1	1.2	69	1.5	2	.059	175	1.2	176	.059										
399	1.2D + 1.5Lm31 + 1.0Wm (30..		Y		1	1.2	69	1.5	3	.059	175	1.2	177	.059										
400	1.2D + 1.5Lm31 + 1.0Wm (60..		Y		1	1.2	69	1.5	4	.059	175	1.2	178	.059										
401	1.2D + 1.5Lm31 + 1.0Wm (90..		Y		1	1.2	69	1.5	5	.059	175	1.2	179	.059										
402	1.2D + 1.5Lm31 + 1.0Wm (12..		Y		1	1.2	69	1.5	6	.059	175	1.2	180	.059										
403	1.2D + 1.5Lm31 + 1.0Wm (15..		Y		1	1.2	69	1.5	7	.059	175	1.2	181	.059										
404	1.2D + 1.5Lm31 + 1.0Wm (18..		Y		1	1.2	69	1.5	8	.059	175	1.2	182	.059										
405	1.2D + 1.5Lm31 + 1.0Wm (21..		Y		1	1.2	69	1.5	9	.059	175	1.2	183	.059										
406	1.2D + 1.5Lm31 + 1.0Wm (24..		Y		1	1.2	69	1.5	10	.059	175	1.2	184	.059										
407	1.2D + 1.5Lm31 + 1.0Wm (27..		Y		1	1.2	69	1.5	11	.059	175	1.2	185	.059										
408	1.2D + 1.5Lm31 + 1.0Wm (30..		Y		1	1.2	69	1.5	12	.059	175	1.2	186	.059										
409	1.2D + 1.5Lm31 + 1.0Wm (33..		Y		1	1.2	69	1.5	13	.059	175	1.2	187	.059										
410	1.2D + 1.5Lm32 + 1.0Wm (0 ...		Y		1	1.2	70	1.5	2	.059	175	1.2	176	.059										
411	1.2D + 1.5Lm32 + 1.0Wm (30..		Y		1	1.2	70	1.5	3	.059	175	1.2	177	.059										
412	1.2D + 1.5Lm32 + 1.0Wm (60..		Y		1	1.2	70	1.5	4	.059	175	1.2	178	.059										
413	1.2D + 1.5Lm32 + 1.0Wm (90..		Y		1	1.2	70	1.5	5	.059	175	1.2	179	.059										
414	1.2D + 1.5Lm32 + 1.0Wm (12..		Y		1	1.2	70	1.5	6	.059	175	1.2	180	.059										
415	1.2D + 1.5Lm32 + 1.0Wm (15..		Y		1	1.2	70	1.5	7	.059	175	1.2	181	.059										
416	1.2D + 1.5Lm32 + 1.0Wm (18..		Y		1	1.2	70	1.5	8	.059	175	1.2	182	.059										
417	1.2D + 1.5Lm32 + 1.0Wm (21..		Y		1	1.2	70	1.5	9	.059	175	1.2	183	.059										
418	1.2D + 1.5Lm32 + 1.0Wm (24..		Y		1	1.2	70	1.5	10	.059	175	1.2	184	.059										
419	1.2D + 1.5Lm32 + 1.0Wm (27..		Y		1	1.2	70	1.5	11	.059	175	1.2	185	.059										

Load Combinations (Continued)

	Description	S...	P...	S...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...
420	1.2D + 1.5Lm32 + 1.0Wm (30..		Y		1	1.2	70	1.5	12	.059	175	1.2	186	.059										
421	1.2D + 1.5Lm32 + 1.0Wm (33..		Y		1	1.2	70	1.5	13	.059	175	1.2	187	.059										
422	1.2D + 1.5Lm33 + 1.0Wm (0 ...		Y		1	1.2	71	1.5	2	.059	175	1.2	176	.059										
423	1.2D + 1.5Lm33 + 1.0Wm (30..		Y		1	1.2	71	1.5	3	.059	175	1.2	177	.059										
424	1.2D + 1.5Lm33 + 1.0Wm (60..		Y		1	1.2	71	1.5	4	.059	175	1.2	178	.059										
425	1.2D + 1.5Lm33 + 1.0Wm (90..		Y		1	1.2	71	1.5	5	.059	175	1.2	179	.059										
426	1.2D + 1.5Lm33 + 1.0Wm (12..		Y		1	1.2	71	1.5	6	.059	175	1.2	180	.059										
427	1.2D + 1.5Lm33 + 1.0Wm (15..		Y		1	1.2	71	1.5	7	.059	175	1.2	181	.059										
428	1.2D + 1.5Lm33 + 1.0Wm (18..		Y		1	1.2	71	1.5	8	.059	175	1.2	182	.059										
429	1.2D + 1.5Lm33 + 1.0Wm (21..		Y		1	1.2	71	1.5	9	.059	175	1.2	183	.059										
430	1.2D + 1.5Lm33 + 1.0Wm (24..		Y		1	1.2	71	1.5	10	.059	175	1.2	184	.059										
431	1.2D + 1.5Lm33 + 1.0Wm (27..		Y		1	1.2	71	1.5	11	.059	175	1.2	185	.059										
432	1.2D + 1.5Lm33 + 1.0Wm (30..		Y		1	1.2	71	1.5	12	.059	175	1.2	186	.059										
433	1.2D + 1.5Lm33 + 1.0Wm (33..		Y		1	1.2	71	1.5	13	.059	175	1.2	187	.059										
434	1.2D + 1.5Lm34 + 1.0Wm (0 ...		Y		1	1.2	72	1.5	2	.059	175	1.2	176	.059										
435	1.2D + 1.5Lm34 + 1.0Wm (30..		Y		1	1.2	72	1.5	3	.059	175	1.2	177	.059										
436	1.2D + 1.5Lm34 + 1.0Wm (60..		Y		1	1.2	72	1.5	4	.059	175	1.2	178	.059										
437	1.2D + 1.5Lm34 + 1.0Wm (90..		Y		1	1.2	72	1.5	5	.059	175	1.2	179	.059										
438	1.2D + 1.5Lm34 + 1.0Wm (12..		Y		1	1.2	72	1.5	6	.059	175	1.2	180	.059										
439	1.2D + 1.5Lm34 + 1.0Wm (15..		Y		1	1.2	72	1.5	7	.059	175	1.2	181	.059										
440	1.2D + 1.5Lm34 + 1.0Wm (18..		Y		1	1.2	72	1.5	8	.059	175	1.2	182	.059										
441	1.2D + 1.5Lm34 + 1.0Wm (21..		Y		1	1.2	72	1.5	9	.059	175	1.2	183	.059										
442	1.2D + 1.5Lm34 + 1.0Wm (24..		Y		1	1.2	72	1.5	10	.059	175	1.2	184	.059										
443	1.2D + 1.5Lm34 + 1.0Wm (27..		Y		1	1.2	72	1.5	11	.059	175	1.2	185	.059										
444	1.2D + 1.5Lm34 + 1.0Wm (30..		Y		1	1.2	72	1.5	12	.059	175	1.2	186	.059										
445	1.2D + 1.5Lm34 + 1.0Wm (33..		Y		1	1.2	72	1.5	13	.059	175	1.2	187	.059										
446	1.2D + 1.5Lm35 + 1.0Wm (0 ...		Y		1	1.2	73	1.5	2	.059	175	1.2	176	.059										
447	1.2D + 1.5Lm35 + 1.0Wm (30..		Y		1	1.2	73	1.5	3	.059	175	1.2	177	.059										
448	1.2D + 1.5Lm35 + 1.0Wm (60..		Y		1	1.2	73	1.5	4	.059	175	1.2	178	.059										
449	1.2D + 1.5Lm35 + 1.0Wm (90..		Y		1	1.2	73	1.5	5	.059	175	1.2	179	.059										
450	1.2D + 1.5Lm35 + 1.0Wm (12..		Y		1	1.2	73	1.5	6	.059	175	1.2	180	.059										
451	1.2D + 1.5Lm35 + 1.0Wm (15..		Y		1	1.2	73	1.5	7	.059	175	1.2	181	.059										
452	1.2D + 1.5Lm35 + 1.0Wm (18..		Y		1	1.2	73	1.5	8	.059	175	1.2	182	.059										
453	1.2D + 1.5Lm35 + 1.0Wm (21..		Y		1	1.2	73	1.5	9	.059	175	1.2	183	.059										
454	1.2D + 1.5Lm35 + 1.0Wm (24..		Y		1	1.2	73	1.5	10	.059	175	1.2	184	.059										
455	1.2D + 1.5Lm35 + 1.0Wm (27..		Y		1	1.2	73	1.5	11	.059	175	1.2	185	.059										
456	1.2D + 1.5Lm35 + 1.0Wm (30..		Y		1	1.2	73	1.5	12	.059	175	1.2	186	.059										
457	1.2D + 1.5Lm35 + 1.0Wm (33..		Y		1	1.2	73	1.5	13	.059	175	1.2	187	.059										
458	1.2D + 1.5Lm36 + 1.0Wm (0 ...		Y		1	1.2	74	1.5	2	.059	175	1.2	176	.059										
459	1.2D + 1.5Lm36 + 1.0Wm (30..		Y		1	1.2	74	1.5	3	.059	175	1.2	177	.059										
460	1.2D + 1.5Lm36 + 1.0Wm (60..		Y		1	1.2	74	1.5	4	.059	175	1.2	178	.059										
461	1.2D + 1.5Lm36 + 1.0Wm (90..		Y		1	1.2	74	1.5	5	.059	175	1.2	179	.059										
462	1.2D + 1.5Lm36 + 1.0Wm (12..		Y		1	1.2	74	1.5	6	.059	175	1.2	180	.059										
463	1.2D + 1.5Lm36 + 1.0Wm (15..		Y		1	1.2	74	1.5	7	.059	175	1.2	181	.059										
464	1.2D + 1.5Lm36 + 1.0Wm (18..		Y		1	1.2	74	1.5	8	.059	175	1.2	182	.059										
465	1.2D + 1.5Lm36 + 1.0Wm (21..		Y		1	1.2	74	1.5	9	.059	175	1.2	183	.059										
466	1.2D + 1.5Lm36 + 1.0Wm (24..		Y		1	1.2	74	1.5	10	.059	175	1.2	184	.059										
467	1.2D + 1.5Lm36 + 1.0Wm (27..		Y		1	1.2	74	1.5	11	.059	175	1.2	185	.059										
468	1.2D + 1.5Lm36 + 1.0Wm (30..		Y		1	1.2	74	1.5	12	.059	175	1.2	186	.059										
469	1.2D + 1.5Lm36 + 1.0Wm (33..		Y		1	1.2	74	1.5	13	.059	175	1.2	187	.059										
470	1.2D + 1.5Lv (Position 1)	Yes	Y		1	1.2	75	1.5	175	1.2														
471	1.2D + 1.5Lv (Position 2)	Yes	Y		1	1.2	76	1.5	175	1.2														
472	1.2D + 1.5Lv (Position 3)	Yes	Y		1	1.2	77	1.5	175	1.2														
473	1.2D + 1.5Lv (Position 4)	Yes	Y		1	1.2	78	1.5	175	1.2														
474	1.2D + 1.5Lv (Position 5)	Yes	Y		1	1.2	79	1.5	175	1.2														
475	1.2D + 1.5Lv (Position 6)	Yes	Y		1	1.2	80	1.5	175	1.2														
476	1.2D + 1.5Lv (Position 7)	Yes	Y		1	1.2	81	1.5	175	1.2														

Load Combinations (Continued)

	Description	S...	P...	S...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...
477	1.2D + 1.5Lv (Position 8)	Yes	Y		1	1.2	82	1.5	175	1.2																
478	1.2D + 1.5Lv (Position 9)	Yes	Y		1	1.2	83	1.5	175	1.2																
479	1.2D + 1.5Lv (Position 10)	Yes	Y		1	1.2	84	1.5	175	1.2																
480	1.2D + 1.5Lv (Position 11)	Yes	Y		1	1.2	85	1.5	175	1.2																
481	1.2D + 1.5Lv (Position 12)	Yes	Y		1	1.2	86	1.5	175	1.2																
482	1.2D + 1.5Lv (Position 13)		Y		1	1.2	87	1.5	175	1.2																
483	1.2D + 1.5Lv (Position 14)		Y		1	1.2	88	1.5	175	1.2																
484	1.2D + 1.5Lv (Position 15)		Y		1	1.2	89	1.5	175	1.2																
485	1.2D + 1.5Lv (Position 16)		Y		1	1.2	90	1.5	175	1.2																
486	1.2D + 1.5Lv (Position 17)		Y		1	1.2	91	1.5	175	1.2																
487	1.2D + 1.5Lv (Position 18)		Y		1	1.2	92	1.5	175	1.2																
488	1.2D + 1.5Lv (Position 19)		Y		1	1.2	93	1.5	175	1.2																
489	1.2D + 1.5Lv (Position 20)		Y		1	1.2	94	1.5	175	1.2																
490	1.2D + 1.5Lv (Position 21)		Y		1	1.2	95	1.5	175	1.2																
491	1.2D + 1.5Lv (Position 22)		Y		1	1.2	96	1.5	175	1.2																
492	1.2D + 1.5Lv (Position 23)		Y		1	1.2	97	1.5	175	1.2																
493	1.2D + 1.5Lv (Position 24)		Y		1	1.2	98	1.5	175	1.2																
494	1.2D + 1.5Lv (Position 25)		Y		1	1.2	99	1.5	175	1.2																
495	1.2D + 1.5Lv (Position 26)		Y		1	1.2	100	1.5	175	1.2																
496	1.2D + 1.5Lv (Position 27)		Y		1	1.2	101	1.5	175	1.2																
497	1.2D + 1.5Lv (Position 28)		Y		1	1.2	102	1.5	175	1.2																
498	1.2D + 1.5Lv (Position 29)		Y		1	1.2	103	1.5	175	1.2																
499	1.2D + 1.5Lv (Position 30)		Y		1	1.2	104	1.5	175	1.2																
500	1.2D + 1.5Lv (Position 31)		Y		1	1.2	105	1.5	175	1.2																
501	1.2D + 1.5Lv (Position 32)		Y		1	1.2	106	1.5	175	1.2																
502	1.2D + 1.5Lv (Position 33)		Y		1	1.2	107	1.5	175	1.2																
503	1.2D + 1.5Lv (Position 34)		Y		1	1.2	108	1.5	175	1.2																
504	1.2D + 1.5Lv (Position 35)		Y		1	1.2	109	1.5	175	1.2																
505	1.2D + 1.5Lv (Position 36)		Y		1	1.2	110	1.5	175	1.2																
506	1.2D + 1.5Lv (Position 37)		Y		1	1.2	111	1.5	175	1.2																
507	1.2D + 1.5Lv (Position 38)		Y		1	1.2	112	1.5	175	1.2																
508	1.2D + 1.5Lv (Position 39)		Y		1	1.2	113	1.5	175	1.2																
509	1.2D + 1.5Lv (Position 40)		Y		1	1.2	114	1.5	175	1.2																
510	1.2D + 1.5Lv (Position 41)		Y		1	1.2	115	1.5	175	1.2																
511	1.2D + 1.5Lv (Position 42)		Y		1	1.2	116	1.5	175	1.2																
512	1.2D + 1.5Lv (Position 43)		Y		1	1.2	117	1.5	175	1.2																
513	1.2D + 1.5Lv (Position 44)		Y		1	1.2	118	1.5	175	1.2																
514	1.2D + 1.5Lv (Position 45)		Y		1	1.2	119	1.5	175	1.2																
515	1.2D + 1.5Lv (Position 46)		Y		1	1.2	120	1.5	175	1.2																
516	1.2D + 1.5Lv (Position 47)		Y		1	1.2	121	1.5	175	1.2																
517	1.2D + 1.5Lv (Position 48)		Y		1	1.2	122	1.5	175	1.2																
518	1.2D + 1.5Lv (Position 49)		Y		1	1.2	123	1.5	175	1.2																
519	1.2D + 1.5Lv (Position 50)		Y		1	1.2	124	1.5	175	1.2																
520	1.2D + 1.5Lv (Position 51)		Y		1	1.2	125	1.5	175	1.2																
521	1.2D + 1.5Lv (Position 52)		Y		1	1.2	126	1.5	175	1.2																
522	1.2D + 1.5Lv (Position 53)		Y		1	1.2	127	1.5	175	1.2																
523	1.2D + 1.5Lv (Position 54)		Y		1	1.2	128	1.5	175	1.2																
524	1.2D + 1.5Lv (Position 55)		Y		1	1.2	129	1.5	175	1.2																
525	1.2D + 1.5Lv (Position 56)		Y		1	1.2	130	1.5	175	1.2																
526	1.2D + 1.5Lv (Position 57)		Y		1	1.2	131	1.5	175	1.2																
527	1.2D + 1.5Lv (Position 58)		Y		1	1.2	132	1.5	175	1.2																
528	1.2D + 1.5Lv (Position 59)		Y		1	1.2	133	1.5	175	1.2																
529	1.2D + 1.5Lv (Position 60)		Y		1	1.2	134	1.5	175	1.2																
530	1.2D + 1.5Lv (Position 61)		Y		1	1.2	135	1.5	175	1.2																
531	1.2D + 1.5Lv (Position 62)		Y		1	1.2	136	1.5	175	1.2																
532	1.2D + 1.5Lv (Position 63)		Y		1	1.2	137	1.5	175	1.2																
533	1.2D + 1.5Lv (Position 64)		Y		1	1.2	138	1.5	175	1.2																

Load Combinations (Continued)

	Description	S...	P...	S...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...
534	1.2D + 1.5Lv (Position 65)		Y		1	1.2	139	1.5	175	1.2																
535	1.2D + 1.5Lv (Position 66)		Y		1	1.2	140	1.5	175	1.2																
536	1.2D + 1.5Lv (Position 67)		Y		1	1.2	141	1.5	175	1.2																
537	1.2D + 1.5Lv (Position 68)		Y		1	1.2	142	1.5	175	1.2																
538	1.2D + 1.5Lv (Position 69)		Y		1	1.2	143	1.5	175	1.2																
539	1.2D + 1.5Lv (Position 70)		Y		1	1.2	144	1.5	175	1.2																
540	1.2D + 1.5Lv (Position 71)		Y		1	1.2	145	1.5	175	1.2																
541	1.2D + 1.5Lv (Position 72)		Y		1	1.2	146	1.5	175	1.2																
542	1.2D + 1.5Lv (Position 73)		Y		1	1.2	147	1.5	175	1.2																
543	1.2D + 1.5Lv (Position 74)		Y		1	1.2	148	1.5	175	1.2																
544	1.2D + 1.5Lv (Position 75)		Y		1	1.2	149	1.5	175	1.2																
545	1.2D + 1.5Lv (Position 76)		Y		1	1.2	150	1.5	175	1.2																
546	1.2D + 1.5Lv (Position 77)		Y		1	1.2	151	1.5	175	1.2																
547	1.2D + 1.5Lv (Position 78)		Y		1	1.2	152	1.5	175	1.2																
548	1.2D + 1.5Lv (Position 79)		Y		1	1.2	153	1.5	175	1.2																
549	1.2D + 1.5Lv (Position 80)		Y		1	1.2	154	1.5	175	1.2																
550	1.2D + 1.5Lv (Position 81)		Y		1	1.2	155	1.5	175	1.2																
551	1.2D + 1.5Lv (Position 82)		Y		1	1.2	156	1.5	175	1.2																
552	1.2D + 1.5Lv (Position 83)		Y		1	1.2	157	1.5	175	1.2																
553	1.2D + 1.5Lv (Position 84)		Y		1	1.2	158	1.5	175	1.2																
554	1.2D + 1.5Lv (Position 85)		Y		1	1.2	159	1.5	175	1.2																
555	1.2D + 1.5Lv (Position 86)		Y		1	1.2	160	1.5	175	1.2																
556	1.2D + 1.5Lv (Position 87)		Y		1	1.2	161	1.5	175	1.2																
557	1.2D + 1.5Lv (Position 88)		Y		1	1.2	162	1.5	175	1.2																
558	1.2D + 1.5Lv (Position 89)		Y		1	1.2	163	1.5	175	1.2																
559	1.2D + 1.5Lv (Position 90)		Y		1	1.2	164	1.5	175	1.2																
560	1.2D + 1.5Lv (Position 91)		Y		1	1.2	165	1.5	175	1.2																
561	1.2D + 1.5Lv (Position 92)		Y		1	1.2	166	1.5	175	1.2																
562	1.2D + 1.5Lv (Position 93)		Y		1	1.2	167	1.5	175	1.2																
563	1.2D + 1.5Lv (Position 94)		Y		1	1.2	168	1.5	175	1.2																
564	1.2D + 1.5Lv (Position 95)		Y		1	1.2	169	1.5	175	1.2																
565	1.2D + 1.5Lv (Position 96)		Y		1	1.2	170	1.5	175	1.2																
566	1.2D + 1.5Lv (Position 97)		Y		1	1.2	171	1.5	175	1.2																
567	1.2D + 1.5Lv (Position 98)		Y		1	1.2	172	1.5	175	1.2																
568	1.2D + 1.5Lv (Position 99)		Y		1	1.2	173	1.5	175	1.2																
569	1.2D + 1.5Lv (Position 100)		Y		1	1.2	174	1.5	175	1.2																

Envelope Joint Reactions

	Joint		X [lb]	LC	Y [lb]	LC	Z [lb]	LC	MX [lb-ft]	LC	MY [lb-ft]	LC	MZ [lb-ft]	LC
1	N1	max	1893.338	8	3562.534	20	2114.459	11	775.878	59	4702.251	11	-2611.338	2
2		min	-1865.981	2	913.925	2	-2100.288	5	-616.403	161	-4669.4	5	-12411.8...	20
3	N2	max	1272.764	8	2286.479	16	1396.998	11	-462.836	10	2003.984	7	3348.664	124
4		min	-1314.913	2	334.436	10	-1377.809	5	-6763.096	16	-2125.038	13	-83.666	10
5	N3	max	1753.169	7	2768.336	24	1763.602	11	8594.653	24	3260.214	2	4033.704	25
6		min	-1767.157	13	469.326	6	-1796.951	5	1005.485	6	-3161.227	8	165.751	7
7	Totals:	max	4897.169	8	8154.934	24	5275.059	11						
8		min	-4931.257	2	3871.158	6	-5275.048	5						

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

	Member	Shape	Code Ch...	Loc[in]	LC	Shear Ch...	Loc[in]	Dir	LC	phi*Pnc ...	phi*Pnt [...	phi*Mn y-y...	phi*Mn z-z...	Cb	Eqn
1	GRATE-53	PL0.75x3/1...	.773	20.529	5	.012	0	y	70	220.852	4556.25	17.798	71.191	2.0...	H1-1a
2	GRATE-7	PL0.75x3/1...	.740	20.529	3	.012	0	y	18	220.852	4556.25	17.798	71.191	2.1...	H1-1a
3	GRATE-122	PL0.75x3/1...	.728	20.422	12	.010	0	y	150	223.182	4556.25	17.798	71.191	2.03	H1-1a
4	GRATE-52	PL0.75x3/1...	.714	20.529	5	.012	0	y	70	220.852	4556.25	17.798	71.191	2.0...	H1-1a

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

	Member	Shape	Code Ch...	Loc[in]	LC	Shear Ch...	Loc[in]	Dir	LC	phi*Pnc ...	phi*Pnt [...	phi*Mn y-y...	phi*Mn z-z...	Cb	Eqn
5	GRATE-123	PL0.75x3/1...	.710	20.385	12	.011	0	y	150	223.991	4556.25	17.798	71.191	2.0...	H1-1a
6	GRATE-8	PL0.75x3/1...	.688	20.529	2	.014	0	y	18	220.852	4556.25	17.798	71.191	2.1...	H1-1a
7	GRATE-118	PL0.75x3/1...	.687	20.422	7	.009	0	y	18	223.183	4556.25	17.798	71.191	2.0...	H1-1a
8	GRATE-3	PL0.75x3/1...	.678	20.385	5	.010	0	y	57	223.991	4556.25	17.798	71.191	2.1...	H1-1a
9	GRATE-2	PL0.75x3/1...	.677	20.422	5	.009	0	y	58	223.182	4556.25	17.798	71.191	2.1...	H1-1a
10	GRATE-54	PL0.75x3/1...	.675	20.449	5	.012	0	y	71	222.586	4556.25	17.798	71.191	2.0...	H1-1a
11	GRATE-57	PL0.75x3/1...	.670	20.385	4	.011	0	y	71	223.989	4556.25	17.798	71.191	2.0...	H1-1a
12	GRATE-58	PL0.75x3/1...	.666	20.422	4	.010	0	y	71	223.18	4556.25	17.798	71.191	2.0...	H1-1a
13	GRATE-178	PL0.75x3/1...	.665	20.422	11	.008	0	y	162	223.182	4556.25	17.798	71.191	2.1...	H1-1a
14	GRATE-117	PL0.75x3/1...	.658	20.385	7	.010	0	y	18	223.992	4556.25	17.798	71.191	2.0...	H1-1a
15	GRATE-142	PL0.75x3/1...	.656	20.529	12	.013	0	y	137	220.852	4556.25	17.798	71.191	1.1...	H1-1a
16	GRATE-177	PL0.75x3/1...	.655	20.385	11	.009	0	y	162	223.991	4556.25	17.798	71.191	2.1...	H1-1a
17	GRATE-6	PL0.75x3/1...	.648	20.449	3	.012	0	y	58	222.587	4556.25	17.798	71.191	2.1...	H1-1a
18	GRATE-124	PL0.75x3/1...	.643	20.377	12	.012	0	y	150	224.161	4556.25	17.798	71.191	2.0...	H1-1a
19	GRATE-56	PL0.75x3/1...	.639	20.377	4	.012	0	y	71	224.16	4556.25	17.798	71.191	2.1...	H1-1a
20	GRATE-143	PL0.75x3/1...	.637	20.529	11	.013	0	y	137	220.852	4556.25	17.798	71.191	1.3...	H1-1a
21	GRATE-55	PL0.75x3/1...	.630	20.398	4	.012	0	y	71	223.692	4556.25	17.798	71.191	2.1...	H1-1a
22	GRATE-4	PL0.75x3/1...	.629	20.377	5	.011	0	y	58	224.161	4556.25	17.798	71.191	2.1...	H1-1a
23	GRATE-62	PL0.75x3/1...	.612	20.422	9	.008	0	y	22	223.182	4556.25	17.798	71.191	2.0...	H1-1a
24	GRATE-5	PL0.75x3/1...	.612	20.398	4	.012	0	y	58	223.692	4556.25	17.798	71.191	2.1...	H1-1a
25	GRATE-173	PL0.75x3/1...	.609	20.529	13	.013	0	y	22	220.852	4556.25	17.798	71.191	2.1...	H1-1a
26	GRATE-63	PL0.75x3/1...	.602	20.385	9	.010	0	y	22	223.991	4556.25	17.798	71.191	2.1...	H1-1a
27	GRATE-125	PL0.75x3/1...	.592	20.398	12	.012	0	y	150	223.692	4556.25	17.798	71.191	2.1...	H1-1a
28	SA-1	HSS4X4X6	.590	0	18	.085	0	y	58	158769....	197892	22045.5	22045.5	2.7...	H1-1b
29	GRATE-176	PL0.75x3/1...	.588	20.377	11	.010	0	y	162	224.161	4556.25	17.798	71.191	2.1...	H1-1a
30	GRATE-127	PL0.75x3/1...	.578	20.529	11	.013	0	y	150	220.852	4556.25	17.798	71.191	2.0...	H1-1a
31	GRATE-9	PL0.75x3/1...	.576	20.449	2	.016	0	y	19	222.587	4556.25	17.798	71.191	2.1...	H1-1a
32	GRATE-126	PL0.75x3/1...	.573	20.449	12	.013	0	y	150	222.587	4556.25	17.798	71.191	2.1...	H1-1a
33	GRATE-116	PL0.75x3/1...	.572	20.377	7	.011	0	y	18	224.162	4556.25	17.798	71.191	2.0...	H1-1a
34	GRATE-15	PL0.75x3/1...	.572	20.584	4	.025	0	y	19	219.674	4556.25	17.798	71.191	2.1...	H1-1a
35	GRATE-67	PL0.75x3/1...	.572	20.529	7	.014	0	y	22	220.852	4556.25	17.798	71.191	1.9...	H1-1a
36	GRATE-121	PL0.75x3/1...	.571	20.488	12	.008	0	y	150	221.739	4556.25	17.798	71.191	1.8...	H1-1a
37	GRATE-174	PL0.75x3/1...	.569	20.449	12	.012	0	y	22	222.587	4556.25	17.798	71.191	2.1...	H1-1a
38	GRATE-51	PL0.75x3/1...	.565	20.449	6	.012	0	y	69	222.587	4556.25	17.798	71.191	2.0...	H1-1a
39	GRATE-172	PL0.75x3/1...	.560	20.529	13	.015	0	y	22	220.852	4556.25	17.798	71.191	2.1...	H1-1a
40	GRATE-175	PL0.75x3/1...	.560	20.398	12	.011	0	y	162	223.692	4556.25	17.798	71.191	2.1...	H1-1a
41	GRATE-165	PL0.75x3/1...	.559	20.584	12	.024	0	y	21	219.674	4556.25	17.798	71.191	2.1...	H1-1a
42	GRATE-158	PL0.75x3/1...	.558	20.529	12	.018	0	y	20	220.852	4556.25	17.798	71.191	1.6...	H1-1a
43	GRATE-64	PL0.75x3/1...	.542	20.377	9	.011	0	y	22	224.161	4556.25	17.798	71.191	2.1...	H1-1a
44	GRATE-68	PL0.75x3/1...	.537	20.529	7	.015	0	y	22	220.852	4556.25	17.798	71.191	1.9...	H1-1a
45	GRATE-119	PL0.75x3/1...	.536	20.488	7	.007	0	y	150	221.741	4556.25	17.798	71.191	1.9...	H1-1a
46	GRATE-141	PL0.75x3/1...	.533	20.449	12	.014	0	y	136	222.587	4556.25	17.798	71.191	1.3...	H1-1a
47	GRATE-45	PL0.75x3/1...	.533	20.584	5	.019	0	y	25	219.674	4556.25	17.798	71.191	2.1...	H1-1a
48	GRATE-144	PL0.75x3/1...	.532	20.449	11	.013	0	y	137	222.587	4556.25	17.798	71.191	1.3	H1-1a
49	GRATE-128	PL0.75x3/1...	.530	20.529	11	.013	0	y	151	220.852	4556.25	17.798	71.191	2.1	H1-1a
50	GRATE-22	PL0.75x3/1...	.524	20.529	4	.019	0	y	19	220.852	4556.25	17.798	71.191	1.84	H1-1a
51	GRATE-14	PL0.75x3/1...	.522	20.488	3	.024	0	y	19	221.739	4556.25	17.798	71.191	2.1...	H1-1a
52	GRATE-166	PL0.75x3/1...	.520	20.488	13	.023	0	y	21	221.739	4556.25	17.798	71.191	2.1...	H1-1a
53	GRATE-59	PL0.75x3/1...	.518	20.488	4	.008	0	y	70	221.738	4556.25	17.798	71.191	1.9...	H1-1a
54	GRATE-1	PL0.75x3/1...	.513	20.488	5	.007	0	y	58	221.739	4556.25	17.798	71.191	2.0...	H1-1a
55	GRATE-157	PL0.75x3/1...	.512	20.529	12	.016	0	y	20	220.852	4556.25	17.798	71.191	1.58	H1-1a
56	GRATE-66	PL0.75x3/1...	.508	20.449	8	.013	0	y	22	222.587	4556.25	17.798	71.191	2.0...	H1-1a
57	GRATE-135	PL0.75x3/1...	.508	20.584	11	.014	0	y	15	219.674	4556.25	17.798	71.191	2.1...	H1-1a
58	GRATE-179	PL0.75x3/1...	.504	20.488	11	.006	0	y	162	221.739	4556.25	17.798	71.191	2.0...	H1-1a
59	GRATE-37	PL0.75x3/1...	.497	20.529	5	.015	0	y	25	220.852	4556.25	17.798	71.191	1.9...	H1-1a
60	GRATE-115	PL0.75x3/1...	.494	20.398	7	.012	0	y	18	223.693	4556.25	17.798	71.191	2.1	H1-1a
61	GRATE-65	PL0.75x3/1...	.489	20.398	9	.012	0	y	22	223.692	4556.25	17.798	71.191	2.1...	H1-1a

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

	Member	Shape	Code Ch...	Loc[in]	LC	Shear Ch...	Loc[in]	Dir	LC	phi*Pnc ...	phi*Pnt [...	phi*Mn y-y...	phi*Mn z-z...	Cb	Eqn
62	GRATE-75	PL0.75x3/1...	.489	20.584	7	.021	0	y	23	219.674	4556.25	17.798	71.191	1.7...	H1-1a
63	GRATE-23	PL0.75x3/1...	.486	20.529	4	.018	0	y	19	220.852	4556.25	17.798	71.191	1.7...	H1-1a
64	GRATE-159	PL0.75x3/1...	.480	20.449	12	.019	0	y	20	222.587	4556.25	17.798	71.191	1.7...	H1-1a
65	GRATE-38	PL0.75x3/1...	.480	20.529	4	.016	0	y	25	220.852	4556.25	17.798	71.191	1.8...	H1-1a
66	GRATE-16	PL0.75x3/1...	.472	20.488	4	.025	0	y	19	221.739	4556.25	17.798	71.191	2.13	H1-1a
67	GRATE-61	PL0.75x3/1...	.472	20.488	9	.007	0	y	70	221.739	4556.25	17.798	71.191	2.0...	H1-1a
68	GRATE-10	PL0.75x3/1...	.467	20.398	2	.018	0	y	19	223.692	4556.25	17.798	71.191	2.1...	H1-1a
69	GRATE-164	PL0.75x3/1...	.466	20.488	12	.024	0	y	21	221.739	4556.25	17.798	71.191	2.1...	H1-1a
70	GRATE-46	PL0.75x3/1...	.463	20.488	5	.018	0	y	25	221.739	4556.25	17.798	71.191	2.13	H1-1a
71	GRATE-44	PL0.75x3/1...	.462	20.488	16	.019	0	y	25	221.739	4556.25	17.798	71.191	2.18	H1-1a
72	SA-2	HSS4X4X6	.453	0	25	.101	0	y	22	158766....	197892	22045.5	22045.5	2.7...	H1-1b
73	GRATE-21	PL0.75x3/1...	.453	20.449	4	.020	0	y	19	222.587	4556.25	17.798	71.191	1.9...	H1-1a
74	GRATE-113	PL0.75x3/1...	.448	20.529	8	.013	0	y	18	220.852	4556.25	17.798	71.191	1.9...	H1-1a
75	GRATE-136	PL0.75x3/1...	.445	20.488	12	.015	0	y	15	221.739	4556.25	17.798	71.191	2.1	H1-1a
76	GRATE-114	PL0.75x3/1...	.445	20.449	7	.013	0	y	18	222.587	4556.25	17.798	71.191	2.1...	H1-1a
77	GRATE-171	PL0.75x3/1...	.442	20.449	13	.016	0	y	22	222.587	4556.25	17.798	71.191	2.1...	H1-1a
78	GRATE-13	PL0.75x3/1...	.442	20.422	3	.023	0	y	19	223.182	4556.25	17.798	71.191	2.1...	H1-1a
79	GRATE-50	PL0.75x3/1...	.442	20.398	6	.013	0	y	25	223.692	4556.25	17.798	71.191	2.11	H1-1a
80	GRATE-167	PL0.75x3/1...	.439	20.422	13	.021	0	y	21	223.182	4556.25	17.798	71.191	2.1...	H1-1a
81	MP1	PIPE_2.0	.435	30	8	.053	66		2	14916.0...	32130	1871.625	1871.625	1.6...	H1-1b
82	GRATE-74	PL0.75x3/1...	.429	20.488	7	.020	0	y	23	221.739	4556.25	17.798	71.191	1.8...	H1-1a
83	GRATE-36	PL0.75x3/1...	.428	20.449	5	.014	0	y	25	222.587	4556.25	17.798	71.191	1.9...	H1-1a
84	GRATE-69	PL0.75x3/1...	.423	20.449	6	.016	0	y	22	222.587	4556.25	17.798	71.191	2.0...	H1-1a
85	GRATE-76	PL0.75x3/1...	.422	20.488	19	.021	0	y	23	221.739	4556.25	17.798	71.191	2.1...	H1-1a
86	GRATE-83	PL0.75x3/1...	.421	20.529	7	.015	0	y	24	220.852	4556.25	17.798	71.191	1.3...	H1-1a
87	GRATE-105	PL0.75x3/1...	.418	20.584	8	.017	0	y	17	219.674	4556.25	17.798	71.191	1.6	H1-1a
88	GRATE-82	PL0.75x3/1...	.417	20.529	8	.016	0	y	24	220.852	4556.25	17.798	71.191	1.3...	H1-1a
89	GRATE-140	PL0.75x3/1...	.416	20.398	12	.014	0	y	135	223.692	4556.25	17.798	71.191	1.5...	H1-1a
90	GRATE-134	PL0.75x3/1...	.413	20.488	11	.013	0	y	15	221.739	4556.25	17.798	71.191	2.1...	H1-1a
91	O.FM-7	PIPE_3.0	.411	21.927	20	.291	1.37		19	64049.96	65205	5748.75	5748.75	1.66	H3-6
92	GRATE-112	PL0.75x3/1...	.409	20.529	9	.014	0	y	18	220.852	4556.25	17.798	71.191	1.7...	H1-1a
93	GRATE-145	PL0.75x3/1...	.406	20.398	11	.012	0	y	149	223.692	4556.25	17.798	71.191	1.29	H1-1a
94	MP4	PIPE_2.0	.405	30	11	.048	66		6	14916.0...	32130	1871.625	1871.625	2.8...	H1-1b
95	GRATE-156	PL0.75x3/1...	.404	20.449	13	.015	0	y	19	222.587	4556.25	17.798	71.191	1.81	H1-1a
96	GRATE-129	PL0.75x3/1...	.403	20.449	11	.013	0	y	151	222.587	4556.25	17.798	71.191	2.1...	H1-1a
97	MP10	PIPE_2.0	.400	30	6	.046	66		12	14916.0...	32130	1871.625	1871.625	1.7...	H1-1b
98	GRATE-11	PL0.75x3/1...	.400	20.377	2	.020	0	y	19	224.161	4556.25	17.798	71.191	2.1...	H1-1a
99	GRATE-39	PL0.75x3/1...	.399	20.449	4	.017	0	y	25	222.587	4556.25	17.798	71.191	1.9...	H1-1a
100	I.FM-7	PIPE_3.0	.395	15.64	21	.132	.978		19	64614.7...	65205	5748.75	5748.75	1.1...	H1-1b
101	GRATE-160	PL0.75x3/1...	.394	20.398	12	.020	0	y	20	223.692	4556.25	17.798	71.191	1.8...	H1-1a
102	GRATE-24	PL0.75x3/1...	.394	20.449	3	.016	0	y	20	222.587	4556.25	17.798	71.191	1.9...	H1-1a
103	I.FM-6	PIPE_3.0	.389	0	19	.139	14.6...		21	64614.7...	65205	5748.75	5748.75	1.1...	H1-1b
104	GRATE-17	PL0.75x3/1...	.388	20.422	16	.025	0	y	19	223.182	4556.25	17.798	71.191	2.1...	H1-1b
105	GRATE-12	PL0.75x3/1...	.385	20.385	2	.021	0	y	19	223.991	4556.25	17.798	71.191	2.1...	H1-1a
106	GRATE-30	PL0.75x3/1...	.381	20.584	4	.011	0	y	58	219.674	4556.25	17.798	71.191	1.5...	H1-1a
107	GRATE-163	PL0.75x3/1...	.381	20.422	12	.023	0	y	21	223.182	4556.25	17.798	71.191	2.0...	H1-1a
108	O.FM-6	PIPE_3.0	.380	0	20	.283	20.5...		22	64049.96	65205	5748.75	5748.75	1.5...	H3-6
109	GRATE-150	PL0.75x3/1...	.380	20.584	12	.011	0	y	162	219.674	4556.25	17.798	68.319	1.05	H1-1a
110	GRATE-47	PL0.75x3/1...	.378	20.422	5	.017	0	y	25	223.182	4556.25	17.798	71.191	2.13	H1-1a
111	GRATE-20	PL0.75x3/1...	.377	20.398	4	.022	0	y	19	223.692	4556.25	17.798	71.191	2.0...	H1-1a
112	GRATE-43	PL0.75x3/1...	.375	20.422	4	.019	0	y	25	223.182	4556.25	17.798	71.191	2.1...	H1-1a
113	GRATE-137	PL0.75x3/1...	.374	20.422	12	.015	0	y	15	223.182	4556.25	17.798	71.191	2.0...	H1-1a
114	GRATE-168	PL0.75x3/1...	.368	20.385	13	.020	0	y	21	223.991	4556.25	17.798	71.191	2.13	H1-1a
115	MP12	PIPE_2.0	.363	30	23	.058	30		2	14916.0...	32130	1871.625	1871.625	3.1...	H1-1b
116	GRATE-18	PL0.75x3/1...	.363	20.385	16	.024	0	y	19	223.991	4556.25	17.798	71.191	2.1...	H1-1b
117	GRATE-170	PL0.75x3/1...	.363	20.398	13	.017	0	y	22	223.692	4556.25	17.798	71.191	2.1...	H1-1a
118	GRATE-104	PL0.75x3/1...	.359	20.488	9	.017	0	y	17	221.739	4556.25	17.798	71.191	1.5...	H1-1a

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

	Member	Shape	Code Ch...	Loc[in]	LC	Shear Ch...	Loc[in]	Dir	LC	phi*Pnc ...	phi*Pnt [...	phi*Mn y-y...	phi*Mn z-z...	Cb	Eqn
119	GRATE-49	PL0.75x3/1...	.357	20.377	6	.014	0	y	25	224.161	4556.25	17.798	71.191	2.12	H1-1a
120	GRATE-106	PL0.75x3/1...	.351	20.488	8	.016	0	y	17	221.739	4556.25	17.798	71.191	1.68	H1-1a
121	GRATE-73	PL0.75x3/1...	.351	20.422	7	.020	0	y	23	223.182	4556.25	17.798	71.191	1.8..	H1-1a
122	GRATE-81	PL0.75x3/1...	.350	20.449	8	.017	0	y	24	222.587	4556.25	17.798	71.191	1.4..	H1-1a
123	SA-3	HSS4X4X6	.350	0	15	.088	0	y	18	158766....	197892	22045.5	22045.5	2.6..	H1-1b
124	GRATE-19	PL0.75x3/1...	.349	20.377	16	.023	0	y	19	224.161	4556.25	17.798	71.191	2.1..	H1-1b
125	GRATE-84	PL0.75x3/1...	.349	20.449	7	.014	0	y	25	222.587	4556.25	17.798	71.191	1.3..	H1-1a
126	GRATE-35	PL0.75x3/1...	.347	20.398	5	.013	0	y	73	223.692	4556.25	17.798	71.191	1.9..	H1-1a
127	GRATE-98	PL0.75x3/1...	.345	20.529	8	.013	0	y	125	220.852	4556.25	17.798	71.191	1.1..	H1-1a
128	GRATE-139	PL0.75x3/1...	.344	20.377	12	.015	0	y	135	224.161	4556.25	17.798	71.191	1.7..	H1-1a
129	GRATE-97	PL0.75x3/1...	.343	20.529	9	.012	0	y	124	220.852	4556.25	17.798	71.191	1.2..	H1-1a
130	GRATE-70	PL0.75x3/1...	.342	20.398	6	.017	0	y	22	223.692	4556.25	17.798	71.191	2.0..	H1-1a
131	GRATE-161	PL0.75x3/1...	.341	20.377	12	.021	0	y	20	224.161	4556.25	17.798	71.191	1.9..	H1-1a
132	GRATE-169	PL0.75x3/1...	.338	20.377	13	.019	0	y	21	224.161	4556.25	17.798	71.191	2.1..	H1-1a
133	GRATE-162	PL0.75x3/1...	.335	20.385	12	.022	0	y	21	223.991	4556.25	17.798	71.191	2.0..	H1-1a
134	GRATE-42	PL0.75x3/1...	.335	20.385	16	.019	0	y	25	223.991	4556.25	17.798	71.191	2.1..	H1-1b
135	GRATE-138	PL0.75x3/1...	.333	20.385	12	.015	0	y	135	223.991	4556.25	17.798	71.191	1.9..	H1-1a
136	GRATE-40	PL0.75x3/1...	.331	20.398	4	.018	0	y	25	223.692	4556.25	17.798	71.191	2.04	H1-1a
137	I.FM-14	PIPE_3.0	.330	0	23	.093	0		11	64614.7...	65205	5748.75	5748.75	1.1..	H1-1b
138	GRATE-31	PL0.75x3/1...	.330	20.488	4	.012	0	y	71	221.739	4556.25	17.798	71.191	1.5..	H1-1a
139	GRATE-29	PL0.75x3/1...	.328	20.488	4	.012	0	y	58	221.739	4556.25	17.798	71.191	1.5..	H1-1a
140	GRATE-133	PL0.75x3/1...	.327	20.422	23	.012	0	y	15	223.182	4556.25	17.798	71.191	2.1..	H1-1b
141	GRATE-48	PL0.75x3/1...	.326	20.385	6	.016	0	y	25	223.991	4556.25	17.798	71.191	2.1..	H1-1a
142	GRATE-90	PL0.75x3/1...	.324	0	8	.011	0	y	98	219.674	4556.25	17.798	66.701	1.0..	H1-1a
143	GRATE-111	PL0.75x3/1...	.323	20.449	9	.014	0	y	18	222.587	4556.25	17.798	71.191	1.7..	H1-1a
144	GRATE-151	PL0.75x3/1...	.321	20.488	12	.012	0	y	163	221.739	4556.25	17.798	71.191	1.1..	H1-1a
145	GRATE-149	PL0.75x3/1...	.320	20.488	12	.011	0	y	149	221.739	4556.25	17.798	69.444	1.0..	H1-1a
146	GRATE-77	PL0.75x3/1...	.318	20.422	7	.021	0	y	23	223.182	4556.25	17.798	71.191	1.7..	H1-1a
147	GRATE-155	PL0.75x3/1...	.316	20.398	13	.014	0	y	163	223.692	4556.25	17.798	71.191	1.7..	H1-1a
148	GRATE-41	PL0.75x3/1...	.313	20.377	16	.019	0	y	25	224.161	4556.25	17.798	71.191	2.1..	H1-1b
149	GRATE-25	PL0.75x3/1...	.309	20.398	3	.015	0	y	21	223.692	4556.25	17.798	71.191	1.9..	H1-1a
150	GRATE-146	PL0.75x3/1...	.307	20.377	11	.012	0	y	149	224.161	4556.25	17.798	71.191	1.2..	H1-1a
151	GRATE-130	PL0.75x3/1...	.306	20.398	11	.013	0	y	151	223.692	4556.25	17.798	71.191	2.1..	H1-1a
152	I.FM-23	PIPE_3.0	.297	15.641	17	.072	.978		124	64614.7...	65205	5748.75	5748.75	1.1..	H1-1b
153	GRATE-132	PL0.75x3/1...	.297	20.385	23	.013	0	y	151	223.991	4556.25	17.798	71.191	2.1..	H1-1b
154	GRATE-72	PL0.75x3/1...	.296	20.385	7	.019	0	y	23	223.991	4556.25	17.798	71.191	1.8..	H1-1a
155	GRATE-96	PL0.75x3/1...	.290	20.449	9	.011	0	y	124	222.587	4556.25	17.798	71.191	1.2..	H1-1a
156	GRATE-34	PL0.75x3/1...	.289	20.377	5	.013	0	y	73	224.161	4556.25	17.798	71.191	1.8..	H1-1a
157	GRATE-80	PL0.75x3/1...	.288	20.398	8	.018	0	y	24	223.692	4556.25	17.798	71.191	1.5..	H1-1a
158	GRATE-99	PL0.75x3/1...	.288	20.449	7	.013	0	y	125	222.587	4556.25	17.798	71.191	1.2..	H1-1a
159	I.FM-15	PIPE_3.0	.287	15.639	13	.122	.977		23	64614.8...	65205	5748.75	5748.75	1.1..	H1-1b
160	GRATE-78	PL0.75x3/1...	.285	20.385	20	.020	0	y	24	223.991	4556.25	17.798	71.191	2.1..	H1-1b
161	GRATE-103	PL0.75x3/1...	.285	20.422	9	.016	0	y	17	223.182	4556.25	17.798	71.191	1.5..	H1-1a
162	GRATE-85	PL0.75x3/1...	.276	20.398	7	.013	0	y	109	223.692	4556.25	17.798	71.191	1.3..	H1-1a
163	GRATE-89	PL0.75x3/1...	.276	20.488	7	.011	0	y	98	221.739	4556.25	17.798	68.685	1.0..	H1-1a
164	O.FM-14	PIPE_3.0	.275	0	24	.224	20.5...		24	64049.9...	65205	5748.75	5748.75	1.6..	H1-1b
165	GRATE-107	PL0.75x3/1...	.275	20.422	9	.016	0	y	17	223.182	4556.25	17.798	71.191	1.6..	H1-1a
166	GRATE-131	PL0.75x3/1...	.274	20.377	23	.013	0	y	151	224.161	4556.25	17.798	71.191	2.1..	H1-1b
167	GRATE-32	PL0.75x3/1...	.274	20.422	4	.012	0	y	71	223.182	4556.25	17.798	71.191	1.6..	H1-1a
168	MP9	PIPE_2.0	.272	30	25	.048	30		146	14916.0...	32130	1871.625	1871.625	4.8..	H1-1b
169	GRATE-91	PL0.75x3/1...	.271	2.348	8	.010	0	y	98	221.739	4556.25	17.798	65.72	1.01	H1-1a
170	MP5	PIPE_2.0	.268	30	20	.043	30		11	14916.0...	32130	1871.625	1871.625	3.3..	H1-1b
171	I.FM-22	PIPE_3.0	.264	0	15	.099	14.6...		17	64614.82	65205	5748.75	5748.75	1.1..	H1-1b
172	GRATE-148	PL0.75x3/1...	.261	20.422	12	.012	0	y	149	223.182	4556.25	17.798	70.241	1.0..	H1-1a
173	GRATE-79	PL0.75x3/1...	.260	20.377	20	.019	0	y	24	224.161	4556.25	17.798	71.191	2.1..	H1-1b
174	GRATE-152	PL0.75x3/1...	.259	20.422	12	.012	0	y	163	223.182	4556.25	17.798	71.191	1.2..	H1-1a
175	GRATE-147	PL0.75x3/1...	.256	20.385	11	.012	0	y	149	223.991	4556.25	17.798	71.191	1.2..	H1-1a

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

	Member	Shape	Code Ch..	Loc[in]	LC	Shear Ch..	Loc[in]	Dir	LC	phi*Pnc ...	phi*Pnt [...	phi*Mn y-y...	phi*Mn z-z...	Cb	Eqn
176	I.FM-8	PIPE_3.0	.255	15.64	20	.075	1.955		19	64614.7...	65205	5748.75	5748.75	1.2..	H1-1b
177	GRATE-102	PL0.75x3/1...	.253	20.385	20	.015	0	y	17	223.991	4556.25	17.798	71.191	2.0..	H1-1b
178	I.FM-5	PIPE_3.0	.252	0	19	.082	13.6...		21	64614.7...	65205	5748.75	5748.75	1.2..	H1-1b
179	GRATE-33	PL0.75x3/1...	.250	20.385	17	.013	0	y	71	223.991	4556.25	17.798	71.191	2.1..	H1-1b
180	GRATE-26	PL0.75x3/1...	.250	20.377	23	.014	0	y	57	224.161	4556.25	17.798	71.191	2.1..	H1-1b
181	GRATE-71	PL0.75x3/1...	.247	20.377	19	.018	0	y	23	224.161	4556.25	17.798	71.191	2.1..	H1-1b
182	O.FM-23	PIPE_3.0	.243	21.927	17	.196	1.37		14	64049.9...	65205	5748.75	5748.75	1.5..	H1-1b
183	GRATE-27	PL0.75x3/1...	.242	20.385	23	.013	0	y	57	223.991	4556.25	17.798	71.191	2.1..	H1-1b
184	GRATE-154	PL0.75x3/1...	.236	20.377	18	.013	0	y	163	224.161	4556.25	17.798	71.191	2.1..	H1-1b
185	GRATE-101	PL0.75x3/1...	.235	20.377	18	.015	0	y	125	224.161	4556.25	17.798	71.191	2.0..	H1-1b
186	MP8	PIPE_2.0	.235	30	18	.035	48		17	14916.0...	32130	1871.625	1871.625	3.2..	H1-1b
187	GRATE-28	PL0.75x3/1...	.235	20.422	23	.013	0	y	58	223.182	4556.25	17.798	71.191	2.1..	H1-1b
188	GRATE-110	PL0.75x3/1...	.231	20.398	21	.015	0	y	18	223.692	4556.25	17.798	71.191	2.1..	H1-1b
189	GRATE-108	PL0.75x3/1...	.231	20.385	21	.016	0	y	17	223.991	4556.25	17.798	71.191	2.1..	H1-1b
190	MP2	PIPE_2.0	.230	30	7	.043	30		6	14916.0...	32130	1871.625	1871.625	3.3..	H1-1b
191	GRATE-153	PL0.75x3/1...	.230	20.385	18	.013	0	y	163	223.991	4556.25	17.798	71.191	2.1..	H1-1b
192	MP11	PIPE_2.0	.227	30	9	.040	30		154	14916.0...	32130	1871.625	1871.625	2.9..	H1-1b
193	GRATE-109	PL0.75x3/1...	.226	20.377	21	.015	0	y	18	224.161	4556.25	17.798	71.191	2.1..	H1-1b
194	GRATE-100	PL0.75x3/1...	.224	20.398	19	.014	0	y	125	223.692	4556.25	17.798	71.191	1.99	H1-1b
195	MP3	PIPE_2.0	.221	30	7	.046	30		7	14916.0...	32130	1871.625	1871.625	4.5..	H1-1b
196	FM.V-6	PIPE_3.0	.212	0	22	.050	0		166	62138.0...	65205	5748.75	5748.75	1.0..	H1-1b
197	I.FM-13	PIPE_3.0	.210	0	24	.055	0		6	64614.7...	65205	5748.75	5748.75	1.2..	H1-1b
198	FM.V-1	PIPE_3.0	.209	0	18	.045	0		54	62138.0...	65205	5748.75	5748.75	1.3..	H1-1b
199	O.FM-15	PIPE_3.0	.200	21.926	109	.246	1.37		22	64049.9...	65205	5748.75	5748.75	1.6..	H1-1b
200	MP6	PIPE_2.0	.196	30	5	.045	30		4	14916.0...	32130	1871.625	1871.625	3.3..	H1-1b
201	GRATE-86	PL0.75x3/1...	.191	20.377	18	.013	0	y	109	224.161	4556.25	17.798	71.191	1.8..	H1-1b
202	I.FM-24	PIPE_3.0	.185	15.64	17	.050	15.64		10	64614.7...	65205	5748.75	5748.75	1.2..	H1-1b
203	I.FM-16	PIPE_3.0	.185	15.64	25	.080	1.955		23	64614.7...	65205	5748.75	5748.75	1.2..	H1-1b
204	GRATE-95	PL0.75x3/1...	.183	0	9	.010	0	y	112	223.692	4556.25	17.798	71.191	1.2..	H1-1...
205	MP7	PIPE_2.0	.180	30	5	.039	30		11	14916.0...	32130	1871.625	1871.625	3.9..	H1-1b
206	O.FM-22	PIPE_3.0	.180	0	112	.237	20.5...		18	64049.9...	65205	5748.75	5748.75	1.5..	H1-1b
207	GRATE-88	PL0.75x3/1...	.180	0	7	.012	0	y	98	223.182	4556.25	17.798	71.191	1.1..	H1-1...
208	I.FM-21	PIPE_3.0	.179	0	16	.060	13.6...		137	64614.7...	65205	5748.75	5748.75	1.2	H1-1b
209	GRATE-92	PL0.75x3/1...	.177	0	8	.010	0	y	98	223.182	4556.25	17.798	66.138	1.0..	H1-1...
210	GRATE-87	PL0.75x3/1...	.177	20.385	19	.013	0	y	98	223.991	4556.25	17.798	71.191	1.8..	H1-1b
211	GRATE-94	PL0.75x3/1...	.170	20.377	22	.010	0	y	111	224.161	4556.25	17.798	71.191	1.7..	H1-1b
212	GRATE-93	PL0.75x3/1...	.161	20.385	15	.010	0	y	111	223.991	4556.25	17.798	71.191	1.8..	H1-1b
213	FM.V-5	PIPE_3.0	.154	0	15	.041	0		147	62138.0...	65205	5748.75	5748.75	2.2..	H1-1b
214	I.FM-9	PIPE_3.0	.150	15.64	19	.051	.978		7	64614.7...	65205	5748.75	5748.75	1.2..	H1-1b
215	I.FM-4	PIPE_3.0	.147	0	20	.055	0		11	64614.7...	65205	5748.75	5748.75	1.2..	H1-1b
216	FM.V-2	PIPE_3.0	.146	0	14	.035	0		12	62138.0...	65205	5748.75	5748.75	2.2..	H1-1b
217	HR-4	PIPE_3.0	.138	0	21	.075	0		161	64049.96	65205	5748.75	5748.75	2.0..	H1-1b
218	FM.V-3	PIPE_3.0	.138	0	23	.041	0		11	62138.0...	65205	5748.75	5748.75	1.7..	H1-1b
219	FM.V-4	PIPE_3.0	.134	0	17	.037	0		12	62138.0...	65205	5748.75	5748.75	1.8..	H1-1b
220	HR-2	PIPE_3.0	.125	21.927	11	.041	0		5	64049.96	65205	5748.75	5748.75	1.3..	H1-1b
221	I.FM-12	PIPE_3.0	.121	0	24	.045	0		8	64614.7...	65205	5748.75	5748.75	1.2..	H1-1b
222	HR-1	PIPE_3.0	.120	0	12	.074	21.9...		6	64049.96	65205	5748.75	5748.75	2.1..	H1-1b
223	HR-9	PIPE_3.0	.118	21.927	19	.072	21.9...		50	64049.96	65205	5748.75	5748.75	2.1..	H1-1b
224	O.FM-5	PIPE_3.0	.118	0	20	.192	19.1...		21	64049.96	65205	5748.75	5748.75	2.1..	H1-1b
225	I.FM-17	PIPE_3.0	.118	15.64	24	.055	.978		23	64614.7...	65205	5748.75	5748.75	1.2..	H1-1b
226	I.FM-20	PIPE_3.0	.117	0	16	.041	14.6...		137	64614.7...	65205	5748.75	5748.75	1.1..	H1-1b
227	O.FM-8	PIPE_3.0	.115	21.927	13	.206	2.741		17	64049.96	65205	5748.75	5748.75	1.8..	H1-1b
228	HR-14	PIPE_3.0	.106	21.927	4	.059	0		11	64049.96	65205	5748.75	5748.75	1.3..	H1-1b
229	O.FM-12	PIPE_3.0	.106	0	6	.046	20.5...		3	64049.96	65205	5748.75	5748.75	1.7..	H1-1b
230	I.FM-2	PIPE_3.0	.104	10.427	12	.042	15.64		7	64614.7...	65205	5748.75	5748.75	1.0..	H1-1b
231	O.FM-24	PIPE_3.0	.104	0	14	.136	2.741		15	64049.96	65205	5748.75	5748.75	2.2..	H1-1b
232	HR-8	PIPE_3.0	.103	21.927	2	.072	0		2	64049.96	65205	5748.75	5748.75	2.2..	H1-1b

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

	Member	Shape	Code Ch...	Loc[in]	LC	Shear Ch...	Loc[in]	Dir	LC	phi*Pnc ...	phi*Pnt [...	phi*Mn y-y...	phi*Mn z-z...	Cb	Eqn
233	I.FM-1	PIPE_3.0	.101	15.64	16	.056	15.64		7	64614.7...	65205	5748.75	5748.75	1.2..	H1-1b
234	O.FM-1	PIPE_3.0	.101	0	6	.071	1.37		5	64049.96	65205	5748.75	5748.75	2.2..	H1-1b
235	HR-13	PIPE_3.0	.100	0	6	.065	21.9...		6	64049.96	65205	5748.75	5748.75	2.2..	H1-1b
236	HR-20	PIPE_3.0	.098	0	5	.053	0		113	64049.96	65205	5748.75	5748.75	1.7..	H1-1b
237	HR-7	PIPE_3.0	.098	0	4	.059	21.9...		3	64049.96	65205	5748.75	5748.75	1.4..	H1-1b
238	O.FM-9	PIPE_3.0	.091	21.927	7	.040	1.37		6	64049.96	65205	5748.75	5748.75	1.5..	H1-1b
239	O.FM-13	PIPE_3.0	.090	21.927	62	.166	19.1...		16	64049.96	65205	5748.75	5748.75	2.2..	H1-1b
240	I.FM-10	PIPE_3.0	.090	15.64	19	.046	1.955		7	64614.7...	65205	5748.75	5748.75	1.1..	H1-1b
241	HR-17	PIPE_3.0	.090	21.927	11	.048	21.9...		104	64049.96	65205	5748.75	5748.75	1.6..	H1-1b
242	I.FM-11	PIPE_3.0	.089	3.258	11	.043	0		8	64614.7...	65205	5748.75	5748.75	1.1..	H1-1b
243	HR-11	PIPE_3.0	.089	0	67	.029	0		2	64049.96	65205	5748.75	5748.75	1.2..	H1-1b
244	O.FM-21	PIPE_3.0	.088	0	15	.158	19.1...		17	64049.96	65205	5748.75	5748.75	2.1..	H1-1b
245	O.FM-16	PIPE_3.0	.088	0	107	.177	2.741		23	64049.96	65205	5748.75	5748.75	2.2..	H1-1b
246	HR-12	PIPE_3.0	.088	0	13	.054	0		65	64049.96	65205	5748.75	5748.75	1.7..	H1-1b
247	I.FM-3	PIPE_3.0	.085	0	21	.044	0		11	64614.7...	65205	5748.75	5748.75	1.2..	H1-1b
248	O.FM-10	PIPE_3.0	.085	21.927	7	.045	20.5...		2	64049.96	65205	5748.75	5748.75	1.5..	H1-1b
249	O.FM-11	PIPE_3.0	.085	0	12	.037	1.37		8	64049.96	65205	5748.75	5748.75	1.3..	H1-1b
250	O.FM-2	PIPE_3.0	.084	21.927	11	.056	20.5...		6	64049.96	65205	5748.75	5748.75	1.6..	H1-1b
251	I.FM-18	PIPE_3.0	.083	15.64	23	.039	1.955		95	64614.7...	65205	5748.75	5748.75	1.1..	H1-1b
252	I.FM-19	PIPE_3.0	.082	0	16	.033	0		12	64614.7...	65205	5748.75	5748.75	1.0..	H1-1b
253	O.FM-3	PIPE_3.0	.081	0	8	.046	0		157	64049.96	65205	5748.75	5748.75	1.3..	H1-1b
254	HR-16	PIPE_3.0	.081	0	5	.042	21.9...		11	64049.96	65205	5748.75	5748.75	2.1..	H1-1b
255	HR-18	PIPE_3.0	.080	21.927	101	.025	0		100	64049.96	65205	5748.75	5748.75	1.3..	H1-1b
256	O.FM-19	PIPE_3.0	.079	0	4	.043	0		99	64049.96	65205	5748.75	5748.75	1.3..	H1-1b
257	O.FM-18	PIPE_3.0	.078	21.927	12	.031	21.9...		118	64049.96	65205	5748.75	5748.75	1.4..	H1-1b
258	HR-10	PIPE_3.0	.076	21.927	61	.036	21.9...		63	64049.96	65205	5748.75	5748.75	1.2..	H1-1b
259	O.FM-17	PIPE_3.0	.076	21.927	5	.054	0		14	64049.96	65205	5748.75	5748.75	1.8..	H1-1b
260	HR-23	PIPE_3.0	.076	0	144	.036	0		6	64049.96	65205	5748.75	5748.75	1.2..	H1-1b
261	HR-15	PIPE_3.0	.073	0	92	.050	21.9...		11	64049.96	65205	5748.75	5748.75	1.2..	H1-1b
262	O.FM-4	PIPE_3.0	.073	0	9	.040	20.5...		7	64049.96	65205	5748.75	5748.75	1.5..	H1-1b
263	HR-3	PIPE_3.0	.072	0	160	.038	0		150	64049.96	65205	5748.75	5748.75	1.2..	H1-1b
264	HR-5	PIPE_3.0	.072	21.927	4	.060	21.9...		3	64049.96	65205	5748.75	5748.75	1.5..	H1-1b
265	HR-21	PIPE_3.0	.071	21.927	12	.031	0		111	64049.96	65205	5748.75	5748.75	1.8..	H1-1b
266	HR-19	PIPE_3.0	.069	0	119	.033	0		100	64049.96	65205	5748.75	5748.75	1.28	H1-1b
267	HR-6	PIPE_3.0	.068	21.927	11	.049	21.9...		3	64049.96	65205	5748.75	5748.75	1.6..	H1-1b
268	O.FM-20	PIPE_3.0	.062	0	11	.041	21.9...		123	64049.96	65205	5748.75	5748.75	1.7..	H1-1b
269	HR-22	PIPE_3.0	.062	0	5	.034	21.9...		138	64049.96	65205	5748.75	5748.75	1.6	H1-1b
270	HR-24	PIPE_3.0	.056	0	19	.063	21.9...		6	64049.96	65205	5748.75	5748.75	2.2..	H1-1b

TIA-222-H 4-Bolt Connection Check

Connection Details	
Bolt Diameter =	0.750 in
Bolt Quantity =	4
Bolt Threads/Inch, n =	10
Vertical Bolt Spacing =	7.000 in
Horizontal Bolt Spacing =	7.000 in
Bolt Grade =	A325
Plate Height =	10.000 in
Plate Width =	10.000 in
Plate Thickness =	0.75
Plate Grade =	A36
Standoff Member Type=	HSS
Member Height =	4.000 in
Member Width =	4.000 in
Member Thickness =	0.375 in
Use TIA-222-H Section 15.5?	No

Connection Check (Bolts)			
Ø =	0.75		Strength Reduction Factor
A_n =	0.334	in^2	Net Bolt Area (AISC Table 7-17)
A_b =	0.442	in^2	Gross Bolt Area
Fu_{bolt} =	120	ksi	Bolt Ultimate Stress Capacity
$ØR_{nt}$ =	30.10	kip	Bolt Nominal Tensile Capacity (TIA-H 4.9.6.1)
$ØR_{nv}$ =	19.88	kip	Bolt Nominal Shear Capacity (TIA-H 4.9.6.3)
Vu_{bolt} =	0.942	kip	Shear Force Per Bolt
Tu_{bolt} =	11.171	kip	Tension Force Per Bolt
CSR =	37.1%	OK	(TIA 4.9.6.4)

ENGINEERED
TOWER SOLUTIONS

Exhibit F

Fox Hill Telecom

Radio Frequency Emissions Analysis Report

T-Mobile

Site ID: CTHA347B

West Road East Haddam ATC
399 West Road
Salem, CT 06420

July 5, 2022

Fox Hill Telecom Project Number: 221398

Site Compliance Summary	
Compliance Status:	**COMPLIANT**
Site total MPE% of FCC general population allowable limit:	**8.62 %**

Fox Hill Telecom

July 5, 2022

T-MOBILE
Attn: RF Manager
35 Griffin Road South
Bloomfield, CT 06009

Emissions Analysis for Site: **CTHA347B – West Road East Haddam ATC**

Fox Hill Telecom, Inc ("Fox Hill") was directed to analyze the proposed upgrades to the T-MOBILE facility located at **399 West Road, Salem, CT**, 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 (μW/cm2). 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.

General population 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 & 700 MHz 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), 2500 MHz (BRS) and 11 GHz microwave 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 performed for the proposed upgrades to the T-MOBILE antenna facility located at **399 West Road, Salem, CT**, 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 manufactures 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.

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. All power values expressed and analyzed are maximum power levels expected to be used on all radios.

All emissions values for additional carriers were taken from the Connecticut Siting Council (CSC) active MPE database. Values in this database are provided by the individual carriers themselves

For each sector the following channel counts, frequency bands and power levels were utilized as shown in *Table 1*:

Technology	Frequency Band	Channel Count	Transmit Power per Channel (W)
LTE / 5G NR	600 MHz	2	40
LTE	700 MHz	2	20
LTE	1900 MHz (PCS)	4	40
GSM	1900 MHz (PCS)	1	15
LTE	2100 MHz (AWS)	4	40
LTE / 5G NR	2500 MHz (BRS)	8	20
Microwave	11 GHz	1	1

Table 1: Channel Data Table

The following antennas listed in *Table 2* were used in the modeling for transmission in the 600 MHz, 700 MHz, 1900 MHz (PCS), 2100 MHz (AWS), 2500 MHz (BRS) and 11 GHz microwave frequency bands. This is based on feedback from the carrier with regards to anticipated antenna selection. Maximum gain values for all antennas are listed in the Inventory and Power Data table below. The maximum gain of the antenna per the antenna manufactures 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.

Sector	Antenna Number	Antenna Make / Model	Antenna Centerline (ft)
A	1	RFS APXVAALL24_43-U-NA20	157
A	2	Commscope VV-65A-R1	157
A	3	Ericsson AIR6419 B41	157
A	4	RFS SC2-W100BD	157
B	1	RFS APXVAALL24_43-U-NA20	157
B	2	Commscope VV-65A-R1	157
B	3	Ericsson AIR6419 B41	157
C	1	RFS APXVAALL24_43-U-NA20	157
C	2	Commscope VV-65A-R1	157
C	3	Ericsson AIR6419 B41	157

Table 2: Antenna Data

All calculations were done with respect to uncontrolled / general population threshold limits.

RESULTS

Per the calculations completed for the proposed T-MOBILE configurations *Table 3* shows resulting emissions power levels and percentages of the FCC's allowable general population limit.

Antenna ID	Antenna Make / Model	Frequency Bands	Antenna Gain (dBd)	Channel Count	Total TX Power (W)	ERP (W)	MPE %
Antenna A1	RFS APXVAALL24_43-U-NA20	600 MHz / 700 MHz	13.65 / 13.85	4	120	2,824.56	1.06
Antenna A2	Commscope VV-65A-R1	1900 MHz (PCS) / 2100 MHz (AWS)	15.55 / 16.05	9	335	12,724.61	2.01
Antenna A3	Ericsson AIR6419 B41	2500 MHz (BRS)	21.5	8	160	22,600.60	3.56
Antenna A4	RFS SC2-W100BD	11 GHz	32.25	1	1	1,678.80	0.03
						Sector A Composite MPE%	**6.66**
Antenna B1	RFS APXVAALL24_43-U-NA20	600 MHz / 700 MHz	13.65 / 13.85	4	120	2,824.56	1.06
Antenna B2	Commscope VV-65A-R1	1900 MHz (PCS) / 2100 MHz (AWS)	15.55 / 16.05	9	335	12,724.61	2.01
Antenna B3	Ericsson AIR6419 B41	2500 MHz (BRS)	21.5	8	160	22,600.60	3.56
						Sector B Composite MPE%	**6.63**
Antenna C1	RFS APXVAALL24_43-U-NA20	600 MHz / 700 MHz	13.65 / 13.85	4	120	2,824.56	1.06
Antenna C2	Commscope VV-65A-R1	1900 MHz (PCS) / 2100 MHz (AWS)	15.55 / 16.05	9	335	12,724.61	2.01
Antenna C3	Ericsson AIR6419 B41	2500 MHz (BRS)	21.5	8	160	22,600.60	3.56
						Sector C Composite MPE%	**6.63**

Table 3: T-MOBILE Emissions Levels

The Following table (*table 4*) shows all additional carriers on site and their MPE% as recorded in the CSC active MPE database for this facility along with the newly calculated maximum T-MOBILE MPE contributions per this report. FCC OET 65 specifies that for carriers utilizing directional antennas that the highest recorded sector value be used for composite site MPE values due to their greatly reduced emissions contributions in the directions of the adjacent sectors. For this site, the sector with the largest calculated MPE% is Sector A. *Table 5* below shows a summary for each T-MOBILE Sector as well as the composite MPE value for the site.

Site Composite MPE%	
Carrier	**MPE%**
T-MOBILE – Max at Sector A	**6.66 %**
Verizon Wireless	1.96 %
Site Total MPE %:	**8.62 %**

Table 4: All Carrier MPE Contributions

T-MOBILE Sector A Total:	6.66 %
T-MOBILE Sector B Total:	6.63 %
T-MOBILE Sector C Total:	6.63 %
Site Total:	8.62 %

Table 5: Site MPE Summary

FCC OET 65 specifies that for carriers utilizing directional antennas that the highest recorded sector value be used for composite site MPE values due to their greatly reduced emissions contributions in the directions of the adjacent sectors. *Table 6* below details a breakdown by frequency band and technology for the MPE power values for the maximum calculated T-MOBILE sector(s). For this site, the sector with the largest calculated MPE% is Sector A.

T-MOBILE _ Frequency Band / Technology Max Power Values (Sector A)	**# Channels**	**Watts ERP (Per Channel)**	**Height (feet)**	**Total Power Density ($\mu W/cm^2$)**	**Frequency (MHz)**	**Allowable MPE ($\mu W/cm^2$)**	**Calculated % MPE**
T-Mobile 600 MHz LTE / 5G NR	2	926.96	157	2.92	600 MHz	400	0.73%
T-Mobile 700 MHz LTE	2	485.32	157	1.53	700 MHz	467	0.33%
T-Mobile 1900 MHz (PCS) LTE	4	1,435.69	157	9.05	1900 MHz (PCS)	1000	0.91%
T-Mobile 1900 MHz (PCS) GSM	1	538.38	157	0.85	1900 MHz (PCS)	1000	0.08%
T-Mobile 2100 MHz (AWS) LTE	4	1,610.87	157	10.16	2100 MHz (AWS)	1000	1.02%
T-Mobile 2500 MHz (BRS) LTE / 5G NR	8	2,825.08	157	35.63	2500 MHz (BRS)	1000	3.56%
T-Mobile 11 GHz Microwave	1	1,678.80	157	0.26	11 GHz	1000	0.03%
						Total:	**6.66%**

Table 6: T-MOBILE Maximum Sector MPE Power Values

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:	6.66 %
Sector B:	6.63 %
Sector C:	6.63 %
T-MOBILE Maximum Total (per sector):	6.66 %
Site Total:	8.62 %
Site Compliance Status:	**COMPLIANT**

The anticipated composite MPE value for this site assuming all carriers present is **8.62 %** 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.

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Exhibit G

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Ref#: CT-HA347

0000

R014

ED CHMIELEWSKI
FIRST SELECTMAN
270 HARTFORD RD
SALEM CT 06420-3804

USPS TRACKING #

9405 5036 9930 0309 5330 62

Electronic Rate Approved #038555749

Cut on dotted line.

Instructions

1. **Each Click-N-Ship® label is unique. Labels are to be used as printed and used only once. DO NOT PHOTO COPY OR ALTER LABEL.**
2. **Place your label so it does not wrap around the edge of the package.**
3. **Adhere your label to the package. A self-adhesive label is recommended. If tape or glue is used, DO NOT TAPE OVER BARCODE. Be sure all edges are secure.**
4. **To mail your package with PC Postage®, you may schedule a Package Pickup online, hand to your letter carrier, take to a Post Office™, or drop in a USPS collection box.**
5. **Mail your package on the "Ship Date" you selected when creating this label.**

Click-N-Ship® Label Record

USPS TRACKING # :
9405 5036 9930 0309 5330 62

Trans. #:	568669604
Print Date:	07/29/2022
Ship Date:	07/29/2022
Expected Delivery Date:	08/01/2022

Priority Mail® Postage:	**$8.95**
Total:	**$8.95**

From: DEBORAH CHASE
NORTHEAST SITE SOLUTIONS
STE 1
420 MAIN ST
STURBRIDGE MA 01566-1359

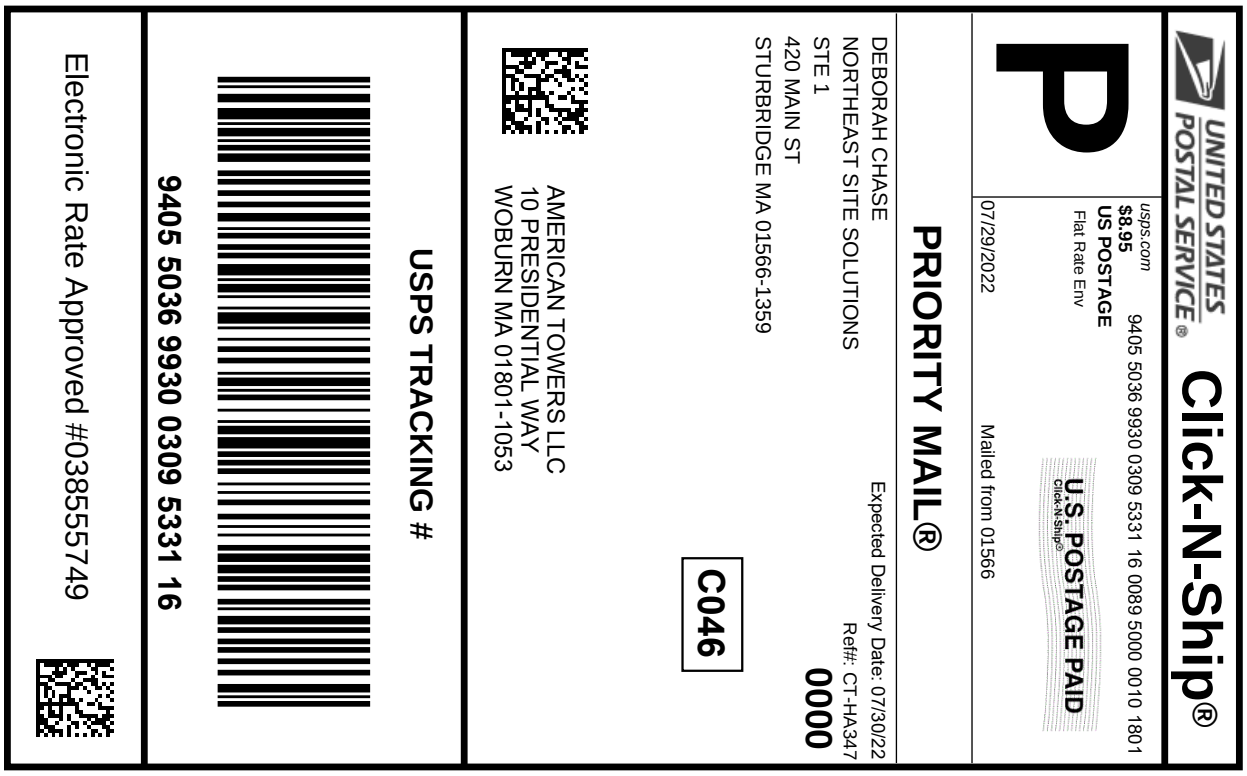
Ref#: CT-HA347

To: ED CHMIELEWSKI
FIRST SELECTMAN
270 HARTFORD RD
SALEM CT 06420-3804

* Retail Pricing Priority Mail rates apply. There is no fee for USPS Tracking® service on Priority Mail service with use of this electronic rate shipping label. Refunds for unused postage paid labels can be requested online 30 days from the print date.

UNITED STATES POSTAL SERVICE®

Thank you for shipping with the United States Postal Service!
Check the status of your shipment on the USPS Tracking® page at usps.com



Cut on dotted line.

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Click-N-Ship® Label Record

USPS TRACKING # :
9405 5036 9930 0309 5331 16

Trans. #:	568669604
Print Date:	07/29/2022
Ship Date:	07/29/2022
Expected Delivery Date:	07/30/2022

Priority Mail® Postage:	**$8.95**
Total:	**$8.95**

From: DEBORAH CHASE
NORTHEAST SITE SOLUTIONS
STE 1
420 MAIN ST
STURBRIDGE MA 01566-1359

Ref#: CT-HA347

To: AMERICAN TOWERS LLC
10 PRESIDENTIAL WAY
WOBURN MA 01801-1053

* Retail Pricing Priority Mail rates apply. There is no fee for USPS Tracking® service on Priority Mail service with use of this electronic rate shipping label. Refunds for unused postage paid labels can be requested online 30 days from the print date.

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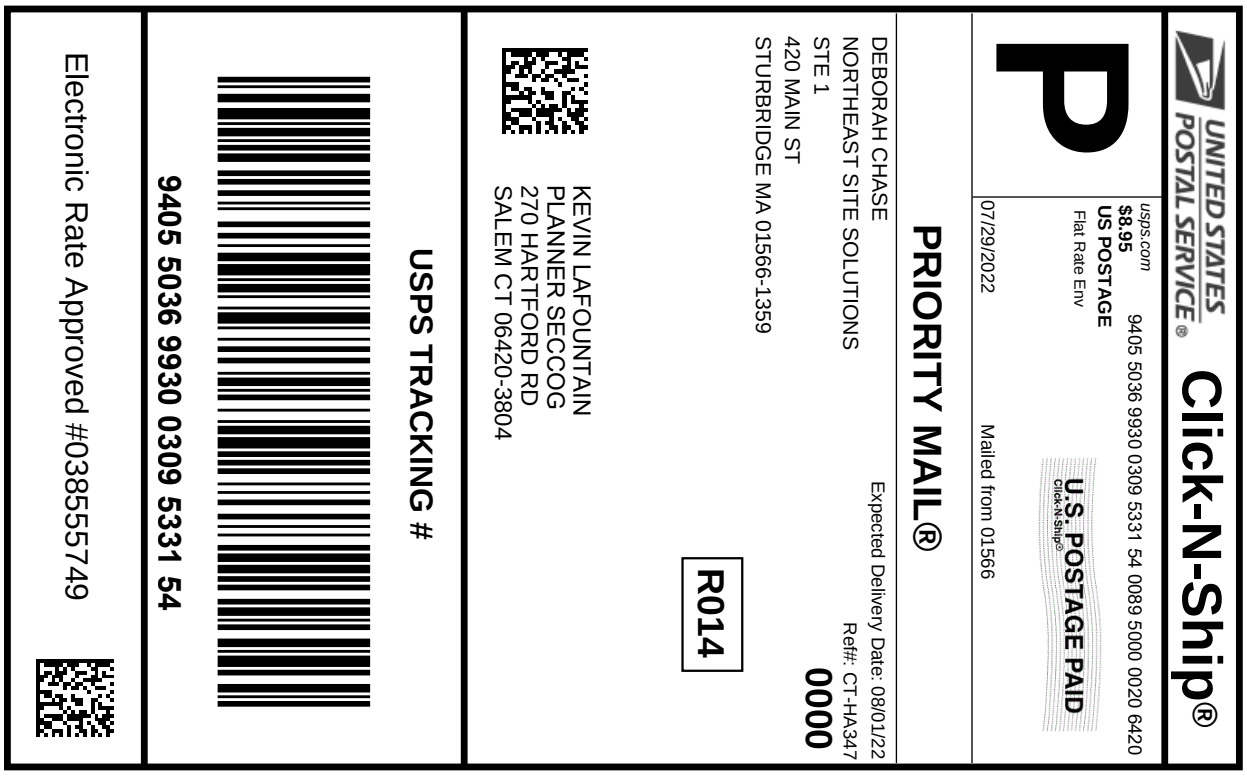

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Click-N-Ship® Label Record

USPS TRACKING # :
9405 5036 9930 0309 5331 54

Trans. #:	568669604
Print Date:	07/29/2022
Ship Date:	07/29/2022
Expected Delivery Date:	08/01/2022

Priority Mail® Postage:	**$8.95**
Total:	**$8.95**

From: DEBORAH CHASE
NORTHEAST SITE SOLUTIONS
STE 1
420 MAIN ST
STURBRIDGE MA 01566-1359

Ref#: CT-HA347

To: KEVIN LAFOUNTAIN
PLANNER SECCOG
270 HARTFORD RD
SALEM CT 06420-3804

* Retail Pricing Priority Mail rates apply. There is no fee for USPS Tracking® service on Priority Mail service with use of this electronic rate shipping label. Refunds for unused postage paid labels can be requested online 30 days from the print date.

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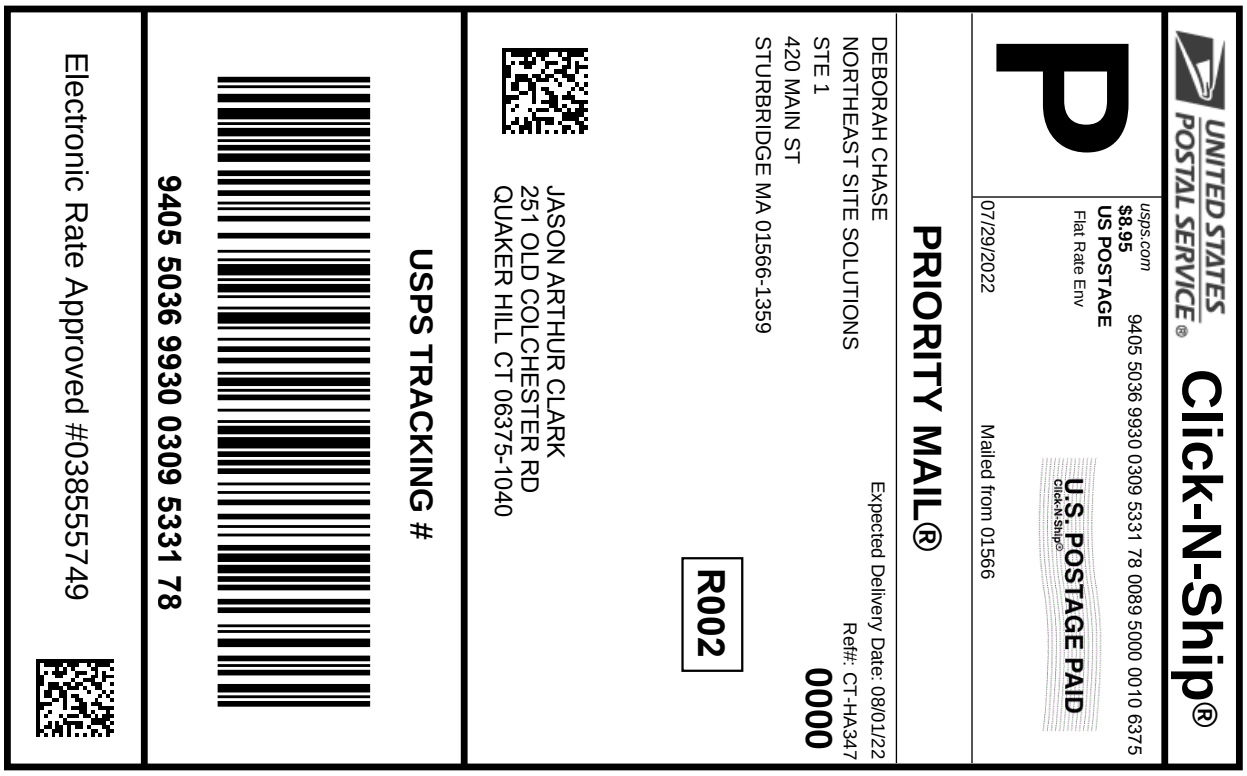

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Click-N-Ship® Label Record

USPS TRACKING # :
9405 5036 9930 0309 5331 78

Trans. #:	568669604
Print Date:	07/29/2022
Ship Date:	07/29/2022
Expected Delivery Date:	08/01/2022

Priority Mail® Postage:	**$8.95**
Total:	**$8.95**

From: DEBORAH CHASE
NORTHEAST SITE SOLUTIONS
STE 1
420 MAIN ST
STURBRIDGE MA 01566-1359

Ref#: CT-HA347

To: JASON ARTHUR CLARK
251 OLD COLCHESTER RD
QUAKER HILL CT 06375-1040

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Thank you for shipping with the United States Postal Service!
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CTHA 9715 IN

UNITED STATES POSTAL SERVICE.

FARMINGTON
210 MAIN ST
FARMINGTON, CT 06032-9998
(800)275-8777

08/01/2022 04:42 PM

Product	Qty	Unit Price	Price
Prepaid Mail Woburn, MA 01801 Weight: 0 lb 2.00 oz Acceptance Date: Mon 08/01/2022 Tracking #: 9405 5036 9930 0309 5331 16	1		$0.00
Prepaid Mail Salem, CT 06420 Weight: 0 lb 9.60 oz Acceptance Date: Mon 08/01/2022 Tracking #: 9405 5036 9930 0309 5330 62	1		$0.00
Prepaid Mail Salem, CT 06420 Weight: 0 lb 9.60 oz Acceptance Date: Mon 08/01/2022 Tracking #: 9405 5036 9930 0309 5331 54	1		$0.00
Prepaid Mail Quaker Hill, CT 06375 Weight: 0 lb 9.60 oz Acceptance Date: Mon 08/01/2022 Tracking #: 9405 5036 9930 0309 5331 78	1		$0.00
Grand Total:			$0.00

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eligible to receive a third set
of 8 free test kits.
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Track your Packages
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or call 1-800-410-7420.